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

ASSESSMENT REPORT

describing

GEOLOGY, MINERALIZATION, GEOPHYSICAL SURVEYS, EXCAVATOR TRENCHING DIAMOND DRILLING, METALLURGICAL TESTING AND MINERAL RESOURCES

at the

KLAZA PROPERTY

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

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

Field work conducted between May 31 and September 6, 2014

prepared by

Archer, Cathro & Associates (1981) Limited

for

ROCKHAVEN RESOURCES LTD.

by

M. Dumala, P.Eng.
and
J. Tarswell, B.Sc.
and
M. Turner, B.Sc.

April 2015

CONTENTS

INTRODUCTION	1
PROPERTY LOCATION, CLAIM DATA AND ACCESS	1
HISTORY	2
GEOMORPHOLOGY	11
GEOLOGICAL SETTING	12
PROPERTY GEOLOGY	16
MINERALIZATION	17
SOIL GEOCHEMICAL SAMPLING	29
GEOPHYSICAL SURVEYS	30
EXCAVATOR TRENCHING	32
DIAMOND DRILLING	38
MINERAL PROCESSING AND METALLURGICAL TESTING	43
MINERAL RESOURCE ESTIMATE	44
DISCUSSION AND CONCLUSIONS	47
REFERENCES	51

APPENDICES

I STATEMENTS OF QUALIFICATIONS

II STATEMENT OF EXPENDITURES

III SAMPLE HANDLING AND ANALYTICAL PROCEDURES

IV CERTIFICATES OF ANALYSIS

VII GEOLOGY AND GEOTECHNICAL LOGS

VIII SIGNIFICANT DRILL INTERSECTIONS

VIII EXCAVATOR TRENCH DATA

FIGURES

1	Property Location	Follows page 1
2	Claim Locations	In pocket
3	Detailed Access	Follows page 11
4	Regional Geology and Tectonic Setting	Follows page 12
5	Property Geology	Follows page 16
6	Mount Nansen Gold Camp	Follows page 17
7	Zones and Zonation	Follows page 17
8	Gold Soil Geochemistry Grid Values	Follows page 29
9	Silver Soil Geochemistry Grid Values	Follows page 29
10	Lead Soil Geochemistry Grid Values	Follows page 29
11	Arsenic Soil Geochemistry Grid Values	Follows page 29
12	Copper Soil Geochemistry Grid Values	Follows page 29
13	VLF-EM Data	Follows page 30

14	Airborne Magnetics – First Vertical Derivative	Follows page 31
15	Trench Locations	Follows page 33
16	Diamond Drill Hole Locations	In pocket
17	Section 10+600 mE – Central BRX Zone	Follows page 41
18	Section 9+500 mE – Western BRX Zone	Follows page 41
19	Gold Equivalent Grade Thickness – Inclined Longitudinal Section – BRX Zone	41
20	Gold Grade-Thickness – Inclined Longitudinal Section – BRX Zone	Follows page 41
21	Silver Grade-Thickness – Inclined Longitudinal Section – BRX Zone	Follows page 41
22	Section 10+050 mE – Central Klaza Zone	Follows page 42
23	Section 9+500 mE – Western Klaza Zone	Follows page 42
24	Gold Equivalent Grade Thickness – Inclined Longitudinal Section – Klaza Zone	42
25	Gold Grade-Thickness – Inclined Longitudinal Section – Klaza Zone	Follows page 42
26	Silver Grade-Thickness – Inclined Longitudinal Section – Klaza Zone	Follows page 42
27	Location of Drill Holes Used in Metallurgical Composites	Follows page 43

TABLES

	Page
Table 1 - Exploration History	3
Table 2 - Regional Lithologies	13
Table 3 - CBM Comparison with Klaza	29
Table 4 - Geochemical Data for Soil Samples	30
Table 5 - 2010 to 2014 Excavator Trenching Summary	33
Table 6 - Significant Trench Results	35
Table 7 - 2010 to 2014 Diamond Drilling Summary	39
Table 8 - Data for Main Mineralized Zones	40
Table 9 - Inferred Resource at Varying Gold Cut-off Grades	44
Table 10 - Mineralized Solids of Western BRX – Classed Inferred	46
Table 11 - Mineralized Solids of Central BRX – Classed Inferred	46
Table 12 - Mineralized Solids of Western Klaza – Classed Inferred	46
Table 13 - Mineralized Solids of Central Klaza – Classed Inferred	47

INTRODUCTION

The Klaza property (the Property) lies within the southern part of the Dawson Range Gold Belt in southwestern Yukon. It hosts gold-silver mineralization associated with an extensive system of subparallel vein and breccia zones, which remains open to extension in all directions and to depth. Copper-molybdenum-gold porphyry mineralization has also been discovered on the Property, but has seen little exploration to date. The Property covers an area of 8,620 hectares (86.20 km²) and is owned by Rockhaven Resources Ltd. (Rockhaven).

From May 31 to September 6, 2014, Rockhaven conducted an exploration program involving VLF-EM and magnetic ground geophysical surveys, 880 m of excavator trenching and 19,242 m of diamond drilling in 104 holes. Archer, Cathro & Associates (1981) Limited (Archer Cathro) managed the exploration program. The work was completed from a tent frame camp on the Property. The authors participated in and supervised the program. Their Statements of Qualifications are located in Appendix I and a Statement of Expenditures is in Appendix II.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Property is located in southwestern Yukon at latitude 62°08′ north and longitude 137°17′ west on NTS 115I/3 (Figure 1). It comprises 449 contiguous mineral claims registered with the Whitehorse Mining Recorder in the names of Rockhaven or Archer Cathro, which holds them in trust for Rockhaven. A total of 96 claims (Dic, Eagle, Etzel, VG, VIC, J. Bill#, Jon-Wedge and Bull) are subject to a 1.5% Net Smelter Return (NSR) royalty payable to Janet Dickson of Whitehorse. The other 353 claims are not subject to any underlying royalties. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

Claim Name	Grant Number	Expiry Date*
Klaza 1-2F	YC37984-YC37985	January 11, 2032
3-10	YC37986-YC37993	January 11, 2032
11-14F	YC37994-YC37997	January 11, 2032
15-17	YC37998-YC38000	January 11, 2032
18-22	YC39051-YC39055	January 11, 2032
23F-24F	YC39056-YC39057	January 11, 2032
25-40	YD09205-YD09220	January 7, 2032
43-64	YD09223-YD09244	January 7, 2032
65F-66F	YC99541-YC99542	January 11, 2032
68-129	YD07149-YD07210	January 11, 2032
133-166	YD07214-YD07247	January 11, 2032
167-308	YD119737-YD119878	January 11, 2028
309	YD110502	January 11, 2028
310-311	YC97706-YC97707	January 11, 2029
314-316	YC97722-YC97724	January 11, 2029
317-319	YC99801-YC99803	January 11, 2023
320-341	YE66241-YE66262	January 11, 2020
342-357	YE66263-YE26678	January 11, 2020

ROCKHAVEN RESOURCES LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
KLAZA PROPERTY
0
250 km
UTM ZONE 8, NAD 83, 115A/15 AND 115H/02
FILE: ...2015/Klaza/2015 Klaza Technical Report.wor
DATE: MAR 2015
Gold prospect owned by other operators
Dawson Range Gold Belt
ALASKA
YUKON
NORTHWEST TERRITORIES
BRITISH COLUMBIA
KLAZA PROPERTY
Dawson
Mayo
White Gold
Coffee
Casino
Nucleus
Mt. Nansen
Carmacks
Faro
Ross River
Hopper
Haines Junction
Whitehorse
Watson Lake
Skagway
Haines
Atlin
Juneau
Dease Lake
Telegraph Creek

Dic 1-7	YA93470-YA93476	January 11, 2029
101-106	YB35470-YB35475	January 11, 2030
Eagle 1-12	YB35415-YB35426	January 11, 2030
Etzel 1-12	YA86336-YA86347	December 1, 2036
13-17	YA86348-YA86352	December 1, 2035
18-20	YA86353-YA86355	December 1, 2036
21-28	YA86356-YA86363	December 1, 2035
29-32	YA86364-YA86367	December 1, 2036
33	YS86368	December 1, 2032
34	YA86369	December 1, 2036
35-44	YA86370-YA86379	December 1, 2033
45-50	YA86380-YA86385	December 1, 2035
VG 1-4	YA86406-YA86409	December 1, 2033
VIC 2	YA86309	December 1, 2035
75	YC19429	December 1, 2033
76-78	YC19430-YC19432	December 1, 2036
J. Bill # 13	YA78061	February 2, 2026
14	YA78062	February 2, 2030
15-16	YA78063-YA78064	February 2, 2026
29-30	YA78077-YA78078	February 28, 2026
31-32	YA78079-YA78080	February 28, 2030
D 3-4	YB57375-YB57376	January 1, 2026
Jon-Wedge 1	YB35895	December 1, 2026
2	YB35896	December 1, 2024
Bull 1-2	YA81420-YA81421	December 1, 2032

* Expiry dates include 2014 work which has been filed for assessment credit but not yet accepted.

The Property is located 50 km due west of Carmacks and can be reached from Whitehorse by driving 180 km north on Highway #2 (the Klondike Highway) to Carmacks, then 60 km west on the two-wheel drive Nansen Road to the site of the former Mount Nansen Mine. The Nansen Road is a gravel road maintained by the Yukon Territorial Government. From the mine site, the road deteriorates in quality but continues approximately 14 km north to placer operations in the Klaza River valley. Rockhaven's camp and the main areas of exploration interest on the Property can be reached by a network of four-wheel drive roads and trails that connect to the Nansen Road. By road, the Property is 250 km from Whitehorse and 420 km from the year-round tidewater port at Skagway, Alaska.

HISTORY

Exploration history was mostly compiled from the Yukon Minfile Database (Deklerk, 2008) and assessment reports submitted to the Whitehorse Mining Recorder. The assessment reports were written prior to the implementation of NI 43-101. Nonetheless, they were consistent with professional standards at the time and were accepted by the mining recorder.

Between 1937 and 2012, several operators worked on various claim groups that now lie within the boundaries of the Property. Although strong geochemical and geophysical anomalies were identified by this work, follow-up trenching and drilling produced sporadic results, in part because of physical and technological limitations (early bulldozer trenches rarely reached bedrock, often because of permafrost, and small diameter drill holes typically gave poor core recoveries, especially in the more fractured, mineralized intervals). Table 1 summarizes historical exploration and lists the year of work, owner/operator, claim group name, work performed and highlight results for each exploration program (Tarswell and Turner, 2014).

Table 1 - Exploration History

Year of Work (Report)	Owner/ Operator	Claim Group	Work Performed	Results
1937 (none)	K. Paulson	n/a	Prospecting.	Rumour of high-grade silver-lead float (Eaton, 1986).
1948	G. Dickson	n/a	Bulldozer trenching.	n/a (Eaton, 1986).
1967 (none)	J. Smith	May	Soil sampling and bulldozer trenching.	Anomalous silver and lead soil geochemistry, but no vein was intersected by trenching (Campbell and Guardia, 1969).
1968 (Parker, 1968)	Esansee Explorations Limited	May	Geochemical and geophysical surveys and bulldozer trenching.	Peak soil values were 8,200 ppm lead, 125 ppm silver and 800 ppm arsenic. Specimen samples of "fissure" vein cut in a bulldozer trench returned peak values of 34.3 g/t gold, 2,057.1 g/t silver, 44% lead and less than 1% zinc.
1969 (Campbell and Guardia, 1969)	Esansee Explorations Limited	May	Bulldozer trenching and road building.	A chip sample returned 15.09 g/t gold and 483 g/t silver over 1.83 m. A 14 km road (considered an extension of the Mount Nansen Mine road) was built from the Mount Nansen Mine campsite to the May claims.
1973 (Dickinson and Lewis, 1973)	Area Exploration Company	Betty, Bun and Crow	Percussion (283.5 m) and diamond (776.1 m) drilling.	Two percussion drill holes (283.5 m) and three diamond drill holes (776.1 m) were completed to test a 700 by 900 m copper-in-soil geochemical anomaly.
1980	BRX Mining	Tawa	Geochemical	Soil sampling identified

(Sauders, 1980a and 1980b)	& Petroleum Corp.		sampling, bulldozer trenching and diamond drilling (447.3 m in 7 holes).	northwesterly trending linear anomalies. The best interval from diamond drilling returned 8.64 g/t gold and 25.68 g/t silver over 6.0 m including 24.5 g/t gold and 50.1 g/t silver over 1.5 m (80-6).
1981 (Brownlee, 1981)	BRX Mining & Petroleum Corp.	Tawa	Electromagnetic and proton magnetometer surveys.	Both surveys highlighted coincident, northwesterly trending anomalies.
1985 (Aho et al., 1975)	Kerr Addison Mines Limited	Dic	Geological, geochemical and geophysical surveys.	A total of 216 soil and 45 rock samples were collected for analysis and 4.0 line kilometres of magnetic and 2.8 line kilometres of VLF-EM surveys were conducted.
1986 (Eaton, 1986)	Chevron Minerals Limited	Tawa	Mapping, prospecting, bulldozer trenching and an electromagnetic survey.	Deepening historical trenches returned 5.28 g/t gold and 132.0 g/t silver over 2 m. Geophysical and geochemical anomalies extended to 1,900 and 2,000 m, respectively.
1986 (McClintock, 1986)	Pearl Resources Ltd.	Etzel	Geological mapping and geochemical sampling	Geochemical sampling returning gold-in-soil values up to 310 ppb and silver-in-soil values up to 54.5 ppm. The best chip sample returned 0.99 g/t gold over 1 m.
1987 (Eaton and Walls, 1987)	Chevron Minerals Limited	Tawa	Road building, bulldozer trenching and claim staking.	Trench T-11 at the Klaza Zone returned 4.22 g/t gold and 47.3 g/t silver over 8.0 m including 4.27 g/t gold and 86.7 g/t silver over 1.0 m. Trenching at the BRX Zone intersected 3.12 g/t gold and 46.3 g/t silver over 7.0 m including 6.99 g/t gold and 41.1 g/t silver over 1.5 m (T-14) and 6.86 g/t gold and 160.1 g/t silver over 2.5 m (T-16).

1988 (Eaton and Walls, 1988)	Chevron Minerals Limited	Tawa	Excavator trenching (1924 m) and six diamond drill holes (377 m).	Trenching exposed a vein in T-22 that returned 16.3 g/t gold and 1,289.1 g/t silver over 1.7 m. A drill hole testing the down-dip continuity of this interval returned 6.03 g/t gold and 129.9 g/t silver over 1.36 m (Hole 88-6).
1988 (Sutherland, 1988)	Chesbar Resources Inc.	Dic	Stream sediment sampling, prospecting and trenching.	Silt sampling returned values up to 1050 ppb gold, while 75% of values were less than 10 ppb gold. Prospecting yielded a peak value of 220 ppb gold. Historical trenches (7.8 km) were deepened, but hindered by frozen ground.
1989 (Eaton, 1989)	BYG Natural Resources Inc. and Chevron Minerals Ltd.	Tawa	Road construction and excavator trenching (580 m).	n/a
1996 (Dujakovic et al., 1996)	BYG Natural Resources Inc.	Tawa, KR and Dic	Very low frequency electromagnetic, magnetic and geochemical surveys.	Northwesterly trending VLF-EM and magnetic anomalies and soil geochemical values up to 1,825 ppb gold and 1,049 ppm copper.
1999 (Stroshein, 1999)	BYG Natural Resources Inc.	Gerald and Tawa	Overburden stripping and diamond drilling (307.8 m in 3 holes).	Klaza Zone drilling returned 3.82 g/t gold and 84.7 g/t silver over 5.05 m (TA-98-8). BRX Zone drilling returned 0.24 g/t gold and 1.3 g/t silver over 55.75 m (TA-98-9).
2003 (Stroshein, 2004)	Aurchem Exploration Ltd.	Etzel	Excavator trenching	The best trench result was from a clay-rich zone that graded 6.05 g/t gold and 15.3 g/t silver over 6.0 m.
2005 (Wengzynowski, 2006)	ATAC Resources Ltd.	Klaza	Staked Klaza 1-24 claims before optioning them to Bannockburn Resources Limited.	n/a
2009	ATAC	Klaza	ATAC sold the	n/a

(Turner and Tarswell, 2011)	Resources Ltd. – Rockhaven Resources Ltd.		Klaza 1-24 claims to Rockhaven Resources Ltd.	
2010 (Turner and Tarswell, 2011)	Rockhaven Resources Ltd.	Klaza	Claim staking, geophysical surveying, diamond drilling, excavator trenching and soil geochemical sampling.	Best drill intercept returned 3.23 g/t gold and 117.7 g/t silver over 36.50 m. Several additional coincident geochemical and geophysical anomalies were identified. Peak soil geochemical values were 856 ppb gold, 5.8 ppm silver, 494 ppm lead and 349 ppm arsenic.
2011 (Tarswell and Turner, 2012)	Rockhaven Resources Ltd.	Klaza	Geophysical surveying, diamond and reverse circulation drilling, excavator trenching, soil geochemical sampling and air photo surveys.	Best drill intercept returned 5.43 g/t gold and 50 g/t silver over 14.80 m. Peak soil geochemical values were 320 ppb gold, 61.3 ppm silver, 606 ppm lead and 213 ppm arsenic.
2011 (Great Bear Resource, 2012a)	Great Bear Resources Ltd.	Etzel	Diamond drilling, excavator trenching and soil geochemical sampling.	Best drill intercept returned 0.58 g/t gold and 2.4 g/t silver over 40.65 m.
2012 (Great Bear Resource, 2012b)	Great Bear Resources Ltd.	Etzel	Diamond drilling, and soil geochemical sampling.	Best drill intercept returned 2.30 g/t gold and 7.0 g/t silver over 1.16 m.
2012	Rockhaven Resources Ltd.	Dic and Eagle	Purchased Dic and Eagle claims from J. Dickson	n/a
2012 (Tarswell and Turner, 2013)	Rockhaven Resources Ltd.	Klaza, Dic and Eagle	Diamond drilling, excavator trenching and soil geochemical sampling.	Best drill intercept returned 5.78 g/t gold and 111 g/t silver over 15.62 m. Peak soil geochemical values were 920 ppb gold, 20.9 ppm silver, 722 ppm lead and 1,750 ppm arsenic.
2012	Rockhaven Resources Ltd.	Etzel	Purchased Etzel claims from Ansell Capital Corp.	n/a
2012	Rockhaven Resources	VIC, VG, J. Bill#, D, Bull,	Purchased claims from Aurchem	n/a

	Ltd.	JBF and Jon-Wedge	Exploration Ltd.	
2013 (Tarswell and Turner, 2014)	Rockhaven Resources Ltd.	Klaza	Excavator trenching	Best trench result was 5.61 g/t gold and 300 g/t silver over 18.79 m

The main exploration programs and results are described in more detail in the following paragraphs. All work was done in the eastern third of the Property.

In 1968, Esansee Explorations Limited (Esansee) completed geophysical and geochemical surveys on approximately 5,000 m of grid lines. An electromagnetic (EM) survey identified three conductive zones (two major and one minor). Bulldozer trenching across one of these zones reportedly cut a 6 m wide gold-silver-lead bearing fissure vein, which was traced for 760 m. Specimen samples from this vein reportedly returned up to 34.3 g/t gold, 2,057 g/t silver and 44% lead, with less than 1% zinc. Three hundred and fifteen grid soil samples were collected. Soil sample results included peak values of 8,200 ppm lead, 125 ppm silver and 800 ppm arsenic, and showed strong positive correlation with conductive zones (Parker, 1968).

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

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

In 1980, BRX Mining and Petroleum Corp. (BRX) staked the Tawa claims to cover the area where Esansee performed its work in the late 1960s. Work done in 1980 included geochemical sampling, bulldozer trenching and seven diamond drill holes (447.3 m). Soil sampling identified linear, northwesterly trending geochemical anomalies with very high values locally. The anomalous geochemical values were not always coincident with electromagnetic anomalies identified earlier by Esansee. The bulldozer trenching program involved re-opening Esansee's trenches. The main mineralized structure exposed in the trenches reportedly strikes 110 to 140° and dips steeply to the northeast. Chip sample values across vein exposures typically ranged from 1.78 g/t gold and 77.8 g/t silver over 0.06 m to 6.0 g/t gold and 54.2 g/t silver over 0.91 m, with the best interval returning 33.0 g/t gold and 607.5 g/t silver over 0.3 m (Saunders, 1980).

Three of the drill holes were collared subparallel to the veins and did not encounter significant mineralization. The other four diamond drill holes intersected fault and vein zones within granitic country rock. Highlight intervals from this drilling were: 8.64 g/t gold and 25.68 g/t silver over 6.0 m including 24.5 g/t gold and 50.1 g/t silver over 1.5 m (80-6); 18.86 g/t gold and 32.0 g/t silver over 0.3 m (80-2); and, 9.26 g/t gold and 65.1 g/t silver over 0.4 m (80-5). Core recovery was poor within areas of strong alteration and gouge, associated with the faults and veins.

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

In 1985, Kerr Addison Mines Limited (Kerr Addison) staked the Dic 1-50 claims to cover an arsenic and antimony stream geochemical anomaly on the north side of Mount Nansen, south southwest of the Tawa claims. Kerr Addison performed geological, geochemical and geophysical surveys on the Dic claims. A total of 216 soil and 45 rock samples were collected for analysis and 4.0 line kilometres of magnetic and 2.8 line kilometres of VLF-EM surveys were conducted. The best rock sample returned 0.48 g/t gold, 88 g/t silver, 1,600 ppm arsenic and 180 ppm antimony, while soil values peaked at 400 ppb gold, 27 ppm silver, 2,000 ppm arsenic and 46 ppm antimony (Heberlein, 1985).

In 1986, Pearl Resources Ltd. performed geological mapping and geochemical sampling on the Etzel claims. Results from soil samples collected on three separate grids identified linear, northwesterly trending anomalies with maximum values of 310 ppb gold, 54.5 ppm silver, 1,980 ppm lead and 1,160 ppm zinc. A chip sample across a 1.0 m sheared vein zone returned 0.99 g/t gold (McClintock, 1986).

In 1986, Chevron Minerals Ltd. (Chevron) optioned the Tawa claims from BRX. Chevron performed geological mapping, prospecting, grid soil geochemical sampling and EM surveys before staking additional claims to cover extensions of anomalous trends. A 43.2 line kilometre EM survey was conducted and the strike lengths of known EM conductors were extended to 1,900 m. Soil sampling outlined numerous northwesterly trending clusters of anomalous gold values that ranged to a maximum of 6,258 ppb. Individual clusters are continuous for lengths up to 2,000 m. Almost 5,000 m of pre-stripping were done using a bulldozer because permafrost hindered trenching in frozen soil (Eaton, 1986). Where previously stripped trenches were deepened to bedrock, chip samples returned numerous high values including: 5.55 g/t gold and 31.2 g/t silver over 1.4 m (T-4); 3.5 g/t gold and 15.1 g/t silver over 4 m (T-4); and, 5.28 g/t gold and 132.0 g/t silver over 2 m (T-4). Trenching on virgin ground was less successful due to permafrost; however, two significant bedrock intercepts were exposed: 5.28 g/t gold and 242.4 g/t silver over 2.5 m (T-6/7) and 2.33 g/t gold and 3.77 g/t silver over 5.0 m (T-8).

In 1986, Kerr Addison added the Dic 51 to 63 claims to its claim block and conducted line cutting, ground geophysics, soil sampling and prospecting. Results from this work were encouraging and in 1987, Kerr Addison granted Chesbar Resources Inc. (Chesbar) the right to

earn an interest in the Dic claims by contributing to exploration expenditures. Work in 1987 involved pre-stripping trenches of moss and the upper soil layer (Sutherland, 1988).

In 1987, Chevron continued its exploration at the Tawa claims with pre-stripping, bulldozer trenching, road construction and claim staking. The pre-stripping and trenching program comprised 28 trenches totalling 6,385 m, of which 12 trenches totalling 1,939 m were wholly or partially excavated to bedrock. Continuous chip samples collected over 1 to 5 m intervals from trench ribs returned positive results from the Klaza and BRX zones (Walls and Eaton, 1987). The most significant result from the Klaza Zone was 4.22 g/t gold and 47.3 g/t silver over 8.0 m (T-11). The best results from the BRX Zone were 3.12 g/t gold and 46.3 g/t silver over 7.0 m including 6.99 g/t gold and 41.1 g/t silver over 1.5 m (T-14), and 6.86 g/t gold and 160.1 g/t silver over 2.5 m (T-16). Parallel vein structures were identified north and south of the two main zones. The best result from a new structure was 6.82 g/t gold and 17.1 g/t silver over 1 m (T-15). A 1.7 km four-by-four trail was constructed from the Nansen Road to the trenching area on the Tawa claims.

In 1988, Chevron sub-optioned the Tawa claims to BYG Natural Resources Inc. (BYG), under an agreement that allowed BYG to earn an interest in the claims by funding the next phase of exploration, which consisted of road building, pre-stripping, excavator trenching, and six diamond drill holes (377 m). All of the drilling in 1988 was done at the BRX Zone, while the trenching was split between the BRX and Klaza zones (Walls and Eaton, 1988). Results from trenching better defined the known veins and identified a third vein (BYG Zone) approximately half-way between them. The best assay from the BRX Zone was 16.3 g/t gold and 1,289.1 g/t silver over 1.7 m (T-22). The Klaza Zone was delineated over a strike length of 250 m with the best trench exposures grading 43.06 g/t gold and 102 g/t silver over 1.1 m and 4.22 g/t gold and 92 g/t silver over 8.0 m. One trench tested the BYG Zone and it cut three veins about 40 m apart. One of these veins returned 6.03 g/t gold and 24.0 g/t silver over 3.3 m (T-25). Drilling intersected numerous veins that were variably mineralized. The best drill result was 6.03 g/t gold and 129.9 g/t silver over 1.36 m (Hole 88-6), which is down-dip of the vein exposed in T-22 (16.3 g/t gold and 1,289.1 g/t silver over 1.7 m).

In 1988, Chesbar conducted stream sediment sampling, prospecting and excavator trenching on the Dic claims. Forty-four silt samples were collected at 100 m intervals along subparallel drainages. Gold values from this sampling were generally less than 10 ppb, but anomalous values up to 1,050 ppb were reported. Rock geochemical values were background to weakly elevated, with a peak of 220 ppb gold. Although 7.8 km of trenches were pre-stripped, unseasonably high precipitation resulted in less than 20 cm of overburden being removed from each of them (Sutherland, 1988).

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

In 1996, BYG conducted geochemical sampling and VLF-EM and magnetic surveys on the Tawa claims and KR claims, located to the west. The magnetic survey identified northwest-trending linear magnetic highs and lows, which merge to the east into a large magnetic high.

The magnetic lows appear to be related to geological structures or contacts (Dujakovic et al., 1996). The VLF-EM survey delineated three major structures offset by northerly striking faults. In general, the VLF-EM highs and magnetic lows coincide. Four soil grids were sampled. The strongest coincident gold and copper soil geochemical values were obtained along the eastern side of the Tawa claims where peak values were 1,825 ppb gold and 1,049 ppm copper, respectively.

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

In 2003, Aurchem Exploration Ltd. (Aurchem) performed limited excavator trenching on the Etzel claims that now lie in the southeastern part of the Property. These trenches tested altered granodiorite, feldspar porphyry dykes and shear zones. The best results were 1.0 g/t gold and 58 g/t silver over 2.5 m (T-2) and 6.05 g/t gold and 15.3 g/t silver across 6.0 m (T-4). A 21.5 m wide, northwesterly trending clay-rich zone returned 0.85 g/t gold and 4.5 g/t silver over 12.0 m (Stroshein, 2004).

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

In 2006, Bannockburn performed line cutting and IP surveying on the Klaza claims. A 1,450 by 1,800 m area was surveyed in the eastern parts of the Klaza and BRX zones. The survey identified two chargeability highs with coincident resistivity lows (Wengzynowski, 2006). In 2008, Bannockburn relinquished its option.
In 2009, Rockhaven purchased the Klaza claims from ATAC.

In 2010, Rockhaven staked additional claims and performed approximately 8,000 m of trenching in 21 trenches, 1,642.08 m of diamond drilling in 11 holes, 326 line kilometres of helicopter-borne geophysical surveys and soil sampling (289 samples) (Turner and Tarswell, 2011). Results from this exploration are discussed in subsequent sections.

In 2011, Rockhaven performed 14,068.45 m of diamond drilling in 52 holes, 2,940 m of reverse circulation percussion drilling in 21 holes, 4,050 m of excavator trenching in 12 trenches, soil geochemical sampling (2,798 samples), petrographic studies and road building (Tarswell and Turner, 2012). Results from this exploration are discussed in subsequent sections.

In June 2011, Ansell Capital Corp. (Ansell) purchased the Etzel claims from Aurchem and then optioned them to Great Bear Resources Ltd. (Great Bear). In 2011, Great Bear completed three diamond drill holes (696.17 m), four excavator trenches (255.70 m) and grid soil sampling (478 samples). Drilling identified multiple narrow, mineralized zones hosted within fresh to strongly limonite altered granodiorite. The best interval returned 1.94 g/t gold and 11.85 g/t silver over 2.60 m (ET-11-01). Trenching yielded a peak result of 2.80 g/t gold and 5.8 g/t silver over 10.4 m (Dadson and Amy, 2012). Great Bear followed up with a three hole diamond drill program (930.25 m) in 2012 to test for the eastern extension of the Klaza Zone. The best result was from ET-2012-06, which returned 1.79 g/t gold, 50.0 g/t silver and 1.409% copper over 1.62 m (Great Bear Resources Ltd, 2012). Great Bear subsequently relinquished its option.

In fall 2011, Rockhaven purchased the Dic and Eagle claims from Aurchem. These claims adjoin the Klaza claims and are the southernmost claims on the Property.

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

From May to September 2012, Rockhaven conducted an exploration program involving: i) 21,719.47 m of diamond drilling; ii) 3,964 m of excavator trenching; and, iii) soil geochemical sampling (Tarswell and Turner, 2013). Results from this exploration are discussed in subsequent sections.

In 2013, Rockhaven completed 5,000 m of excavator trenching in 38 trenches. Highlights from the 2013 trenches include 5.61 g/t gold and 300 g/t silver over 18.79 m in TR-13-51 and 16.20 g/t gold and 158 g/t silver over 6.84 m in TR-13-52.

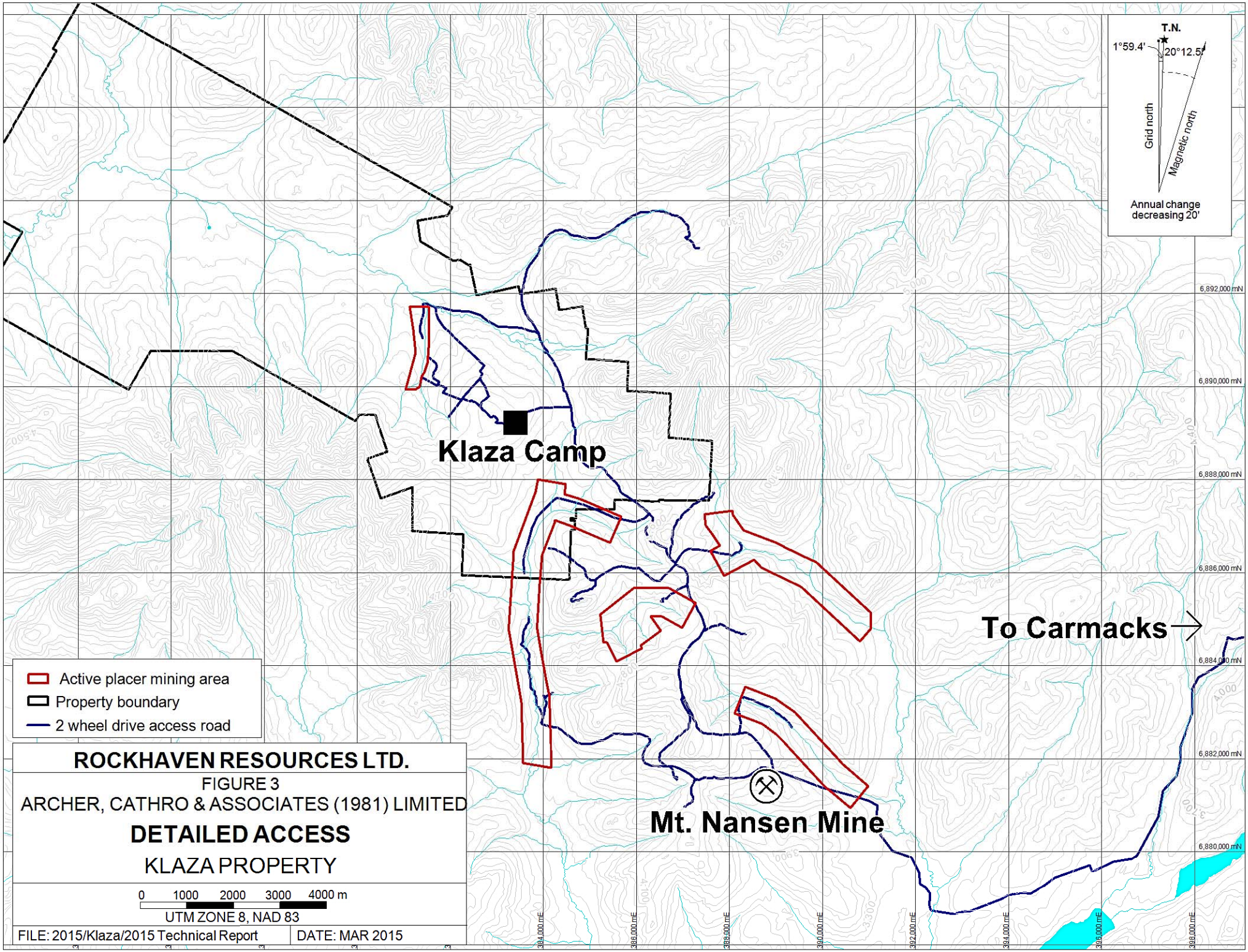
There have been no historical mineral resource estimates for any mineralized zones on the Property. No lode production has been publically documented on the Property, nor is there any historical evidence of this type of development.

Intermittent placer mining has been documented since 1985 within the headwaters of the Klaza River, immediately northwest of the height of land where the main areas of interest on the Property are located. The closest placer operation is located about 300 m west of the current mineral resource, as shown on Figure 3.

GEOMORPHOLOGY

The Property is situated in the southern part of the Dawson Range, a belt of low mountains, hills and relatively mature river systems. The Property is drained by tributaries of the Klaza River and Nansen Creek, both of which flow into the Nisling River, part of the Yukon River watershed.

The eastern part of the Property covers a broad rounded northwesterly elongated ridge that lies between Mount Nansen and the Klaza River. The rest of the Property is characterized by low hills and valley bottom, flanking the Klaza River. The main areas of interest lie along the



ROCKHAVEN RESOURCES LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DETAILED ACCESS

KLAZA PROPERTY

0 1000 2000 3000 4000 m

UTM ZONE 8, NAD 83

FILE: 2015/Klaza/2015 Technical Report | DATE: MAR 2015

northwesterly elongated ridge in the eastern part of the Property. Elevations on the Property range between 1,200 and 1,500 m above sea level (asl). Tree line is at 1,200 m asl on north-facing slopes and about 1,400 m asl on south facing slopes. Areas above treeline are vegetated with low-lying grass, moss and sparse brush. The density and size of vegetation gradually increases toward lower slopes and valley bottoms, where stunted spruce are surrounded by an understory of dwarf birch and a thick layer of sphagnum moss.

The Klaza area escaped Pleistocene continental glaciation but experienced some local Pleistocene to Holocene valley and alpine glaciation. Outcrop is nonexistent across most of the Property and overburden typically consists of a few centimetres of organics, 0 to 5 cm of volcanic ash and up to 200 cm of loess and immature soil mixed with locally derived rock fragments, over weathered bedrock. At lower elevations, thick layers of fluvial material, glacio-fluvial outwash and till blanket the valley floors. Permafrost is extensive, particularly on north- and west-facing slopes.

The area has a continental climate with low levels of precipitation and a wide temperature range. Summers are normally pleasant with extended daylight hours whereas winters are long and cold. Although summers are relatively warm, snowfall can occur in any month at higher elevations. The Property is mostly snow free from late May to late September. According to Environment Canada, summer temperatures in the nearest community of Carmacks average 18 ºC during the day and 5 ºC at night. Winter temperatures average -12 ºC during the daytime. Total annual precipitation over the 1961 to 1990 period averaged 277 mm, with about 92 cm of snow (Environment Canada, 2015).

GEOLOGICAL SETTING

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

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

Regional stratigraphy in the area of the Property is summarized in Table 2. The basement rocks are mainly schists and gneisses, which include metaplutonic gneisses (Pelly Gneiss), metasedimentary and metavolcanic rocks (Nisling) and enigmatic ultramafic and mafic units (Amphibolite). Basement rocks are cut by weakly foliated plutonic rocks (Long Lake Suite) that

ROCKHAVEN RESOURCES LTD.

FIGURE 4

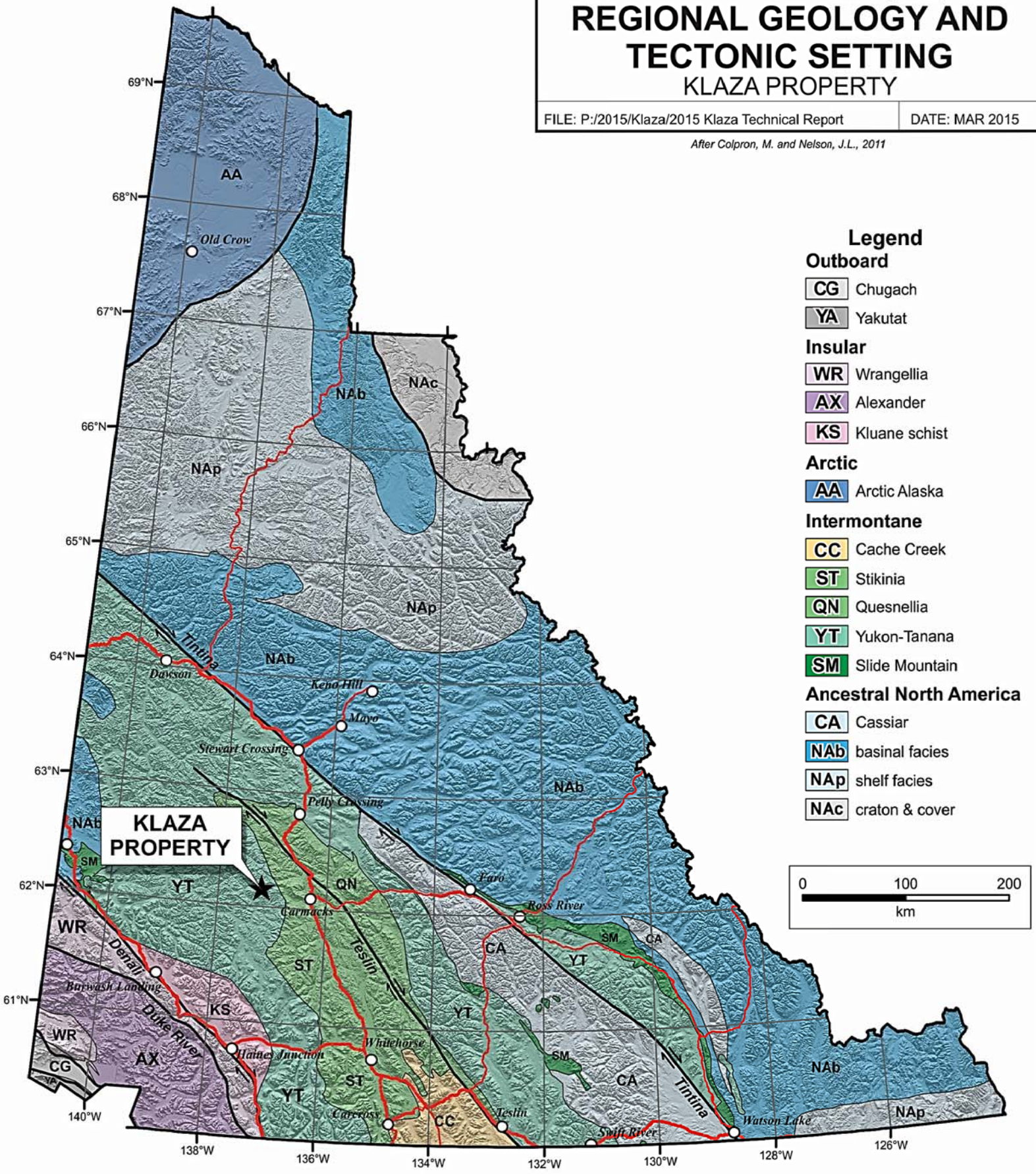
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY AND TECTONIC SETTING

KLAZA PROPERTY

FILE: P:/2015/Klaza/2015 Klaza Technical Report | DATE: MAR 2015

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



Legend

Outboard

- CG Chugach
- YA Yakutat

Insular

- WR Wrangellia
- AX Alexander
- KS Kluane schist

Arctic

- AA Arctic Alaska

Intermontane

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

Ancestral North America

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

were metamorphosed and uplifted in the Jurassic, along with the schists and gneisses. The youngest rocks are unfoliated and are represented by five plutonic/volcanic events that occurred in the Cretaceous and Tertiary (Whitehorse Suite, Mount Nansen, Prospector Mountain Suite, Carmacks and a newly identified, unnamed porphyry dating between 72 to 79 Ma) (Sanchez et al., 2014). The unnamed porphyry suite is of particular significance as it has been shown to be associated with most of the major copper porphyry deposits in the Yukon. Revenue, Nucleus Cash, Casino and Taurus have all been redefined as 72 to 79 Ma in age.

Table 2 - Regional Lithologies

UPPER CRETACEOUS

uKC

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

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

LATE CRETACEOUS TO TERTIARY

LKP

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

- q. quartz monzonite, biotite quartz rich granite; porphyritic alaskite and granite with plagioclase and quartz-eye phenocrysts; biotite and hornblende quartz monzodiorite, granite, and leucocratic granodiorite with local alkali feldspar phenocrysts **(Prospector Mountain Suite, Carcross Pluton)**
- g. hornblende-biotite granodiorite, hornblende diorite, quartz diorite **(Wheaton Valley Granodiorite)**
- d. coarsely crystalline gabbro and diorite
- f. quartz-feldspar porphyry

MID-CRETACEOUS

mKN

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

MID-CRETACEOUS

mKW

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

- q. biotite quartz-monzonite, biotite granite and leucogranite, pink granophyric quartz monzonite, porphyritic biotite leucogranite, locally porphyritic (K-feldspar) hornblende monzonite to syenite, and locally porphyritic leucocratic quartz monzonite **(Mount McIntyre Suite, Whitehorse Suite, Casino Intrusions, Mount Ward Granite, Coffee Creek Granite)**
- g. biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite; leucocratic, biotite hornblende granodiorite locally with sparse grey and pink potassium feldspar phenocrysts **(Whitehorse Suite, Casino Granodiorite, McClintock Granodiorite, Nisling Range Granodiorite)**
- d. hornblende diorite, biotite-hornblende quartz diorite and mesocratic, often strongly magnetic, hypersthene-hornblende diorite, quartz diorite and gabbro **(Whitehorse Suite, Coast Intrusions)**

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

EARLY JURASSIC

EJL

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

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

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

PROTEROZOIC AND PALEOZOIC

PPa

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

LATE DEVONIAN TO MISSISSIPPIAN

DMPW

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

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

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

LATE PROTEROZOIC AND PALEOZOIC

PPN

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

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

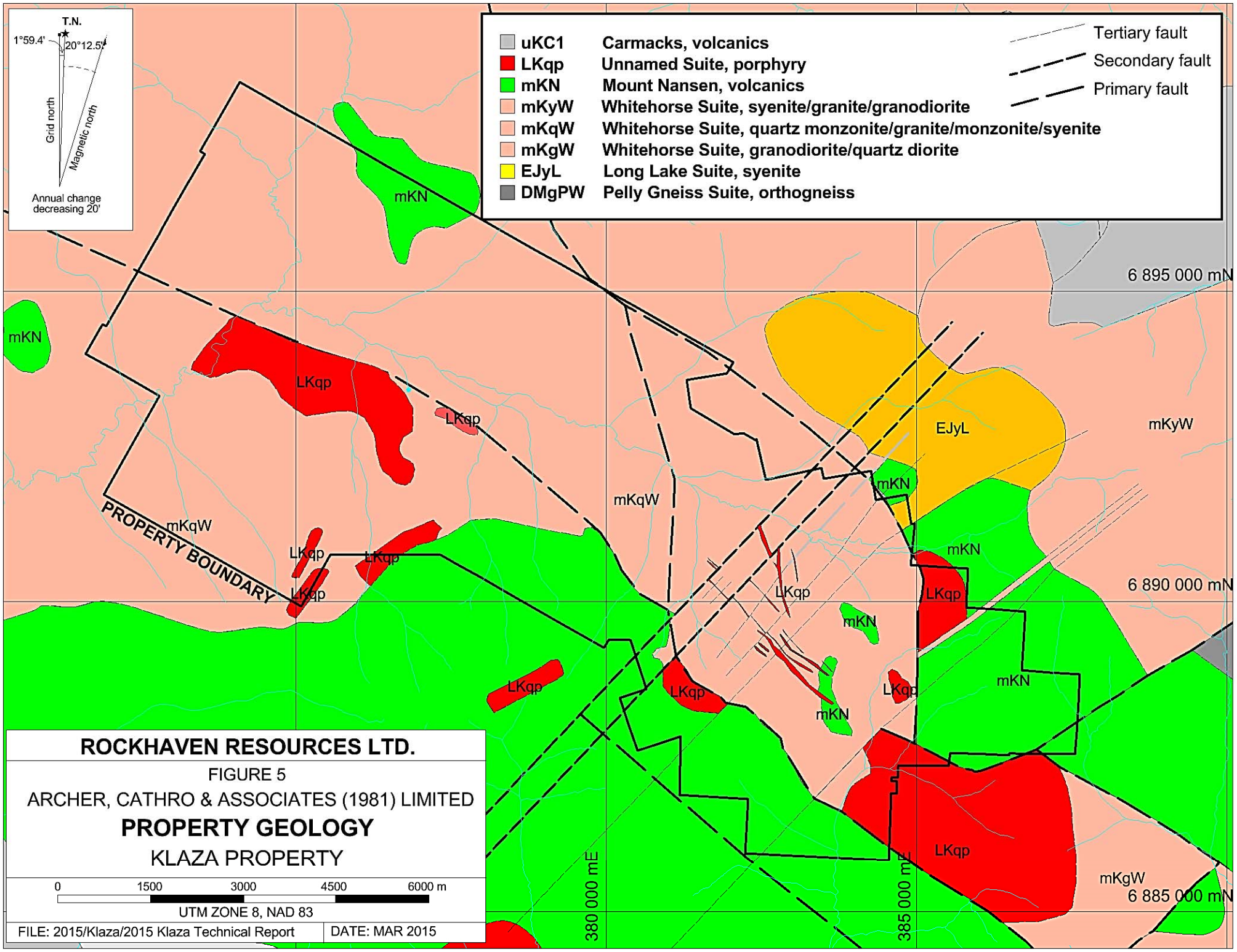
PROPERTY GEOLOGY

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

The oldest exposed unit is a pluton of the Early Jurassic Long Lake Suite, which outcrops in the northeast corner on the Property. Most of the Property is underlain by Mid-Cretaceous Whitehorse Suite granodiorite. This granodiorite contains 30% hornblende and biotite. It is coarse-grained and non-foliated.

A moderate size quartz-rich granite to quartz monzonite stock (LKqp) intrudes granodiorite in the southeast corner of the Property and is thought to be the main heat source for hydrothermal cells responsible for mineralization. This pluton and feldspar porphyry dykes (LKqp) related to it are now considered by YGS to be part of an unnamed intrusive suite, that is younger than the Mount Nansen suite but older than Prospector Mountain Suite (S. Isreal, personal communication). Geochronological interpretation is ongoing and results are expected to be published in the coming months.

A series of northwesterly trending feldspar porphyry dykes (LKqp) emanating from the stock in the southeastern part of the Property cut the Whitehorse Suite granodiorite in the main areas of interest. These porphyry dykes are up to 30 m wide and consist of buff aphanitic groundmass containing up to 15% orthoclase phenocrysts (1 to 2 mm) with minor biotite and rare quartz


T.N.
1°59.4'
20°12.5'
Grid north
Magnetic north
Annual change decreasing 20'
uKC1 Carmacks, volcanics
LKqp Unnamed Suite, porphyry
mKN Mount Nansen, volcanics
mKyW Whitehorse Suite, syenite/granite/granodiorite
mKqW Whitehorse Suite, quartz monzonite/granite/monzonite/syenite
mKgW Whitehorse Suite, granodiorite/quartz diorite
EJyL Long Lake Suite, syenite
DMgPW Pelly Gneiss Suite, orthogneiss
Tertiary fault
Secondary fault
Primary fault
PROPERTY BOUNDARY
6 895 000 mN
6 890 000 mN
6 885 000 mN
380 000 mE
385 000 mE
ROCKHAVEN RESOURCES LTD.
FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY GEOLOGY
KLAZA PROPERTY
0 1500 3000 4500 6000 m
UTM ZONE 8, NAD 83
FILE: 2015/Klaza/2015 Klaza Technical Report
DATE: MAR 2015

phenocrysts. Commonly the dykes occupy the same structural zones as the mineralized veins, and they are often strongly fractured. Some veins cross-cut dykes.

Sub-aerial volcanic and volcaniclastic rocks belonging to the Mount Nansen and Carmacks volcanics are found on the periphery of the Property. They include medium green to grey andesite flows and pyroclastic rocks with occasional buff to tan rhyolitic tuff. These rocks are believed to be extrusive equivalents of the mid and late Cretaceous intrusions, respectively.

Two main fault trends (NW and NE) are present on the Property. The first set strikes northwesterly and dips between 60 and 80° to the southwest. Although these faults lack strong topographic expression, they are very important because they host mineralized veins and breccia zones and appear to control the distribution of porphyry dykes. The second set of faults strike northeasterly, almost perpendicular to the primary set, and dip sub-vertically. They form prominent topographic linears and offset the mineralized zones in a number places, creating apparent left lateral displacements of up to 80 m in magnitude. The exact relationship between these structures and the mineralized northwesterly trending structures is still uncertain, but they appear to have been in part coeval and may have played an important role in ground preparation.

A third set of structures are slightly oblique to the main mineralized faults, striking more westerly. They are less continuous and are considered to be Riedel shears. High-grade mineralization is sometimes localized at junctions between these shears and the northwesterly trending structures.

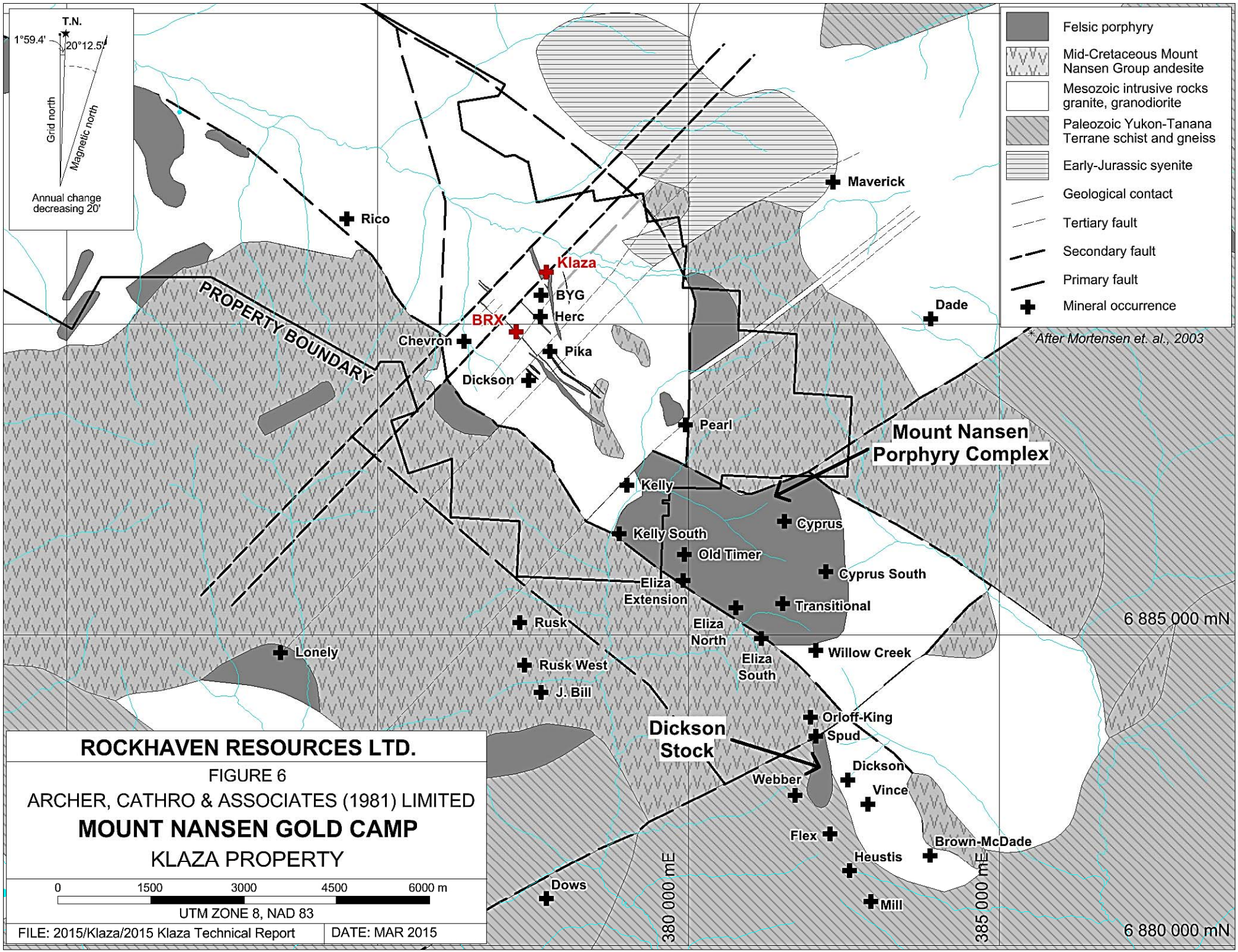
MINERALIZATION

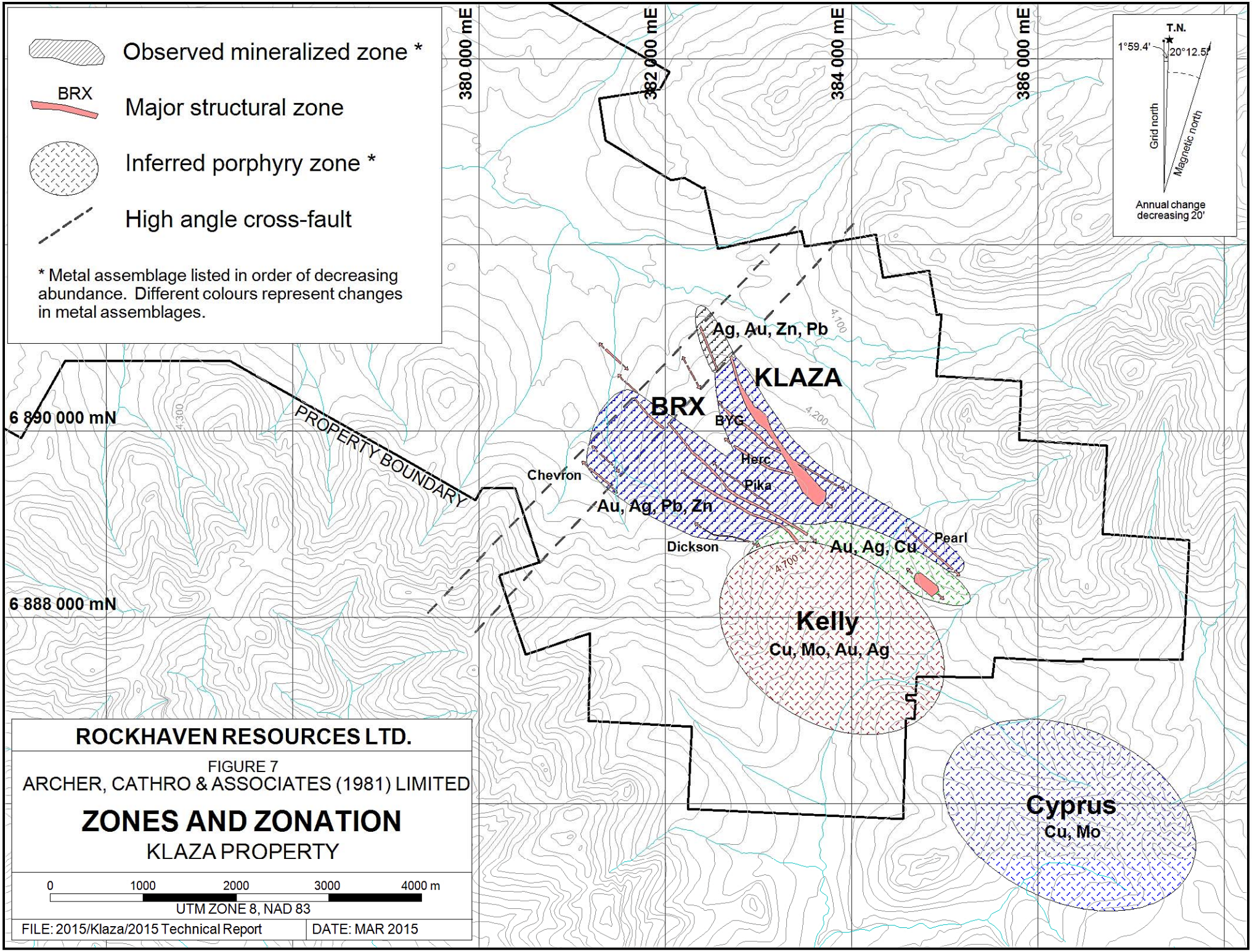
General

The Property lies within the northern part of the Mount Nansen Gold Camp (MNGC), a northwest trending structural belt that hosts more than 30 known mineral occurrences (Figure 6), several of which are categorized as deposits and have produced historically and as recent as 1999 (Hart and Langdon, 1997).

Mineralization within the MNGC is dominated by gold-silver rich structures associated with a zonation model ranging from weak porphyry copper-molybdenum centres, outward to transitional anastomosing sheeted veins, and lastly to more cohesive and continuous base and precious metal veins. The age of the mineralizing events within the MNGC is now interpreted to be Late Cretaceous.

The hydrothermal system interpreted to have deposited mineralization at the Property is centred on two porphyry centres (Cyprus and Kelly zones) related to Late Cretaceous plutonism. Mineralized zones identified on and adjacent to the Property, and the generalized metal zonation model are shown on Figure 7. The larger and better defined porphyry centre (Cyprus Zone) lies southeast of the Property. It was explored in the late 1960s and early 1970s with approximately 4,500 m of drilling in 26 holes. Average hypogene grades of 0.12% copper and 0.01% molybdenum were reported at depths exceeding 60 to 90 m below surface. Hypogene copper grades are approximately double those in the overlying leached cap. There is no significant


T.N.
1°59.4'
20°12.5'
Grid north
Magnetic north
Annual change decreasing 20'
Felsic porphyry
Mid-Cretaceous Mount Nansen Group andesite
Mesozoic intrusive rocks granite, granodiorite
Paleozoic Yukon-Tanana Terrane schist and gneiss
Early-Jurassic syenite
Geological contact
Tertiary fault
Secondary fault
Primary fault
Mineral occurrence
*After Mortensen et. al., 2003
PROPERTY BOUNDARY
Rico
Maverick
Klaza
BYG
Herc
BRX
Chevron
Pika
Dickson
Dade
Pearl
Mount Nansen Porphyry Complex
Kelly
Cyprus
Kelly South
Old Timer
Cyprus South
Eliza Extension
Transitional
Rusk
Eliza North
Willow Creek
Lonely
Eliza South
Rusk West
J. Bill
Orloff-King
Dickson Stock
Spud
Dickson
Webber
Vince
Flex
Brown-McDade
Heustis
Dows
Mill
6 885 000 mN
6 880 000 mN
380 000 mE
385 000 mE
ROCKHAVEN RESOURCES LTD.
FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
MOUNT NANSEN GOLD CAMP
KLAZA PROPERTY
0 1500 3000 4500 6000 m
UTM ZONE 8, NAD 83
FILE: 2015/Klaza/2015 Klaza Technical Report
DATE: MAR 2015


Observed mineralized zone *
BRX
Major structural zone
Inferred porphyry zone *
High angle cross-fault
* Metal assemblage listed in order of decreasing abundance. Different colours represent changes in metal assemblages.
380 000 mE
382 000 mE
384 000 mE
386 000 mE
T.N.
1°59.4'
20°12.5'
Grid north
Magnetic north
Annual change decreasing 20'
6 890 000 mN
6 888 000 mN
PROPERTY BOUNDARY
4300
4100
4200
4700
Ag, Au, Zn, Pb
KLAZA
BRX
BYC
Herc
Pika
Chevron
Au, Ag, Pb, Zn
Dickson
Pearl
Au, Ag, Cu
Kelly
Cu, Mo, Au, Ag
Cyprus
Cu, Mo
ROCKHAVEN RESOURCES LTD.
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ZONES AND ZONATION
KLAZA PROPERTY
0 1000 2000 3000 4000 m
UTM ZONE 8, NAD 83
FILE: 2015/Klaza/2015 Technical Report
DATE: MAR 2015

supergene enrichment zone. Locally higher grade zones (0.6% copper and 0.06% molybdenum) and elevated precious metal values are associated with intensive fracturing (Sawyer and Dickinson, 1976). These metal enriched zones are found in weakly potassic altered areas within the dominantly phyllic altered porphyry system. The potassic altered areas often feature tourmaline breccias, abundant quartz veining and/or secondary biotite.

The western porphyry centre (Kelly Zone) is located on the Property and was explored as early as 1973. The Kelly Zone is defined by coincident geochemical and geophysical anomalies, including: 1) strongly elevated gold, copper and molybdenum soil geochemical response; 2) high chargeabilities with moderate resistivities; and, 3) a large area of low magnetic susceptibility observed in both ground and airborne surveys. The coincident anomalies cover a semicircular area approximately 2,500 m across. Trenching and diamond drilling done in 2012 by Rockhaven on the western edge of the Kelly Zone, discovered minor chalcopyrite, chalcocite and molybdenum, with rare bornite. The mineralization is hosted in several, 25 to 100 m wide bands of strongly phyllic altered and heavily quartz veined granodiorite, which are separated by barren porphyry dykes.

Structurally controlled gold-silver mineralization on the Property is interpreted to be related to the hydrothermal system that is cored by the Cyprus and Kelly zones. Re-Os dating of the Cyprus Zone has established Late Cretaceous age for the pluton and the associated mineralization (Mortensen et al., 2003).

The majority of Rockhaven's exploration activities have been conducted in the distal part of the local hydrothermal system where copper-deficient precious metal-rich veins predominate. This work has identified nine main mineralized structural zones that are developed northwest of the porphyry targets. The structural zones collectively from a 2 km wide corridor that cuts northwesterly through Mid-Cretaceous granodiorite country rocks. Individual zones exhibit exceptional lateral and down-dip continuity, and all of them remain open for extension along strike and to depth. From south to north, the zones are named Chevron, Dickson, AEX, BRX, Pika, Herc, BYG, Klaza and Pearl. Rockhaven's exploration has focused mainly on the Klaza and BRX zones, which have been subdivided into the Western BRX, Central BRX, Western Klaza and Central Klaza zones. The current mineral resource estimate contains mineralization from parts of these four sub-zones.

The main mineralized structural zones range from 1 to 100 m wide and are usually associated with feldspar porphyry dykes. Mineralization occurs within veins, sheeted veinlets and some tabular breccia bodies. The host granodiorite exhibits pervasive weak argillic alteration immediately adjacent to and up to 30 m peripherally to them. Sericitization and potassic alteration are developed directly adjacent to hydrothermal channel ways. The granodiorite is magnetite-bearing except where it is destroyed around mineralized structures. Details of the alteration facies proximal to the structural zones are discussed later in this Section.

Depth of surface oxidation ranges from 5 to 100 m below surface, depending on fracture intensity, the type of mineralization and local geomorphology. The deepest weathering occurs in wide, pyritic veins located along ridge tops or on south facing slopes.

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

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

Quartz is the dominant gangue mineral in veins on the Property. It occurs in a variety of textures including chalcedonic, comb, banded, speckled and vuggy. Smoky quartz is the most common colour variation, but milky and clear quartz are locally abundant. Carbonate occurs mainly as ankerite and rhodochrosite and typically ranges between 5 and 20% of the veins by volume.

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

Mineralization within most structures is interpreted to be spatially and genetically related to porphyry dykes, which strike northwesterly and dip steeply to moderately toward the south. The dykes pinch and swell in three dimensions and are usually unmineralized. Some movement on the related faults likely post-dates emplacement of the dykes as they are occasionally cut by mineralized veins.

Two parallel, northeast trending faults have been observed to cut across the northwestern portion of the Klaza and BRX zones. The easterly cross-fault appears to offset the western sections of the mineralized zones about 80 m to the south; however, the exact sense of motion is uncertain. Detailed exploration has not been conducted yet on the western side of the westerly cross-fault, so displacement on it has not been determined. The westerly cross-fault appears to be a stronger structure. The relative timing of movement on these faults has not yet been determined, but they are thought to be coeval to, or slightly younger than, the vein structures. Some of the better mineralized sections of the vein structures occur in what appear to be dilatant zones immediately east of the cross-faults. Drill holes and trenches are aligned subparallel to the orientation of the cross-faults – therefore only a few holes have intersected them. The extent to which the northeast trending faults are mineralized is not yet known. In the Klaza Zone, the easterly cross-fault marks a sharp change in mineralogy with increasing arsenopyrite and sulphosalt contents coupled with higher silver:gold ratios in the Western Klaza Zone relative to the Central Klaza Zone. At the BRX Zone, the same cross-fault separates bonanza-grade rhodochrosite-facies

mineralization in the Western BRX Zone from lower-grade, iron-carbonate facies mineralization in the Central BRX Zone.

Mineralization Paragenesis

Interpretation of vein paragenesis is based on observations made from drill intersections at the Western BRX, Central BRX, Western Klaza and Central Klaza zones. The general sequence of mineralizing events for the veins is postulated as follows:

Phase I:	Early barren quartz veining associated with brecciation and alteration (phyllic and argillic) of the host granodiorite.
Phase II:	Smoky quartz veining hosting disseminated to semi-massive pyrite, arsenopyrite, +/- sulphosalt mineralization.
Phase III:	Carbonate veining (calcite, rhodochrosite, ankerite and siderite) accompanied by sphalerite and galena.
Phase IV:	Single to multi-stage brecciation of veins by late hydrothermal fluids.

Mineral assemblages and precious metal abundance associated with the four phases varies based on the spatial relationships of each zone to the primary heat source and the localized structural controls involved in vein emplacement. The following paragraphs describe the paragenetic features observed in the four sub-zones defining the mineral resource.

The Western BRX Zone hosts mineralization styles that appear to be relatively consistent over the entire 500 m strike length and through 520 m of down-dip vertical extent. Mineralizing phases include an initial grey to white quartz phase +/- pyrite followed by a smoky quartz phase hosting pyrite, arsenopyrite and sulphosalts. The first two phases are cut and/or brecciated by ankerite or rhodochrosite that typically host galena and sphalerite. Tetrahedrite and chalcopyrite have also been observed in this phase. A final explosive phase is commonly present, brecciating the sulphide veins, injecting breccia veinlets, and creating micro-fractures. Paragenetic phases observed in drill core from the Western BRX Zone are shown in Plate 1.

KL-14-156 114.20 m

Plate 1: Western BRX Zone intersect highlighting Phases I through IV. Sphalerite and galena are clearly seen in proximity to tan ankerite.

Veins within the Central BRX Zone are mainly dominated by quartz and pyrite with locally abundant galena and sphalerite. These veins host the same mineralizing phases observed in the Western BRX Zone, except that rhodochrosite is not present, arsenopyrite and sulphosalts are less abundant, and gold:silver ratios are generally lower. A typical vein intercept from the Central BRX Zone is shown in Plate 2.

KL-14-197 79.97 m

Plate 2: Central BRX Zone drill core highlighting Phases I through III. Quartz and pyrite generally dominate these veins.

Veins in the Western Klaza Zone generally host the highest grade silver found on the Property. Unlike the other zones, these veins are not spatially associated with feldspar porphyry dykes. Initial alteration of the host granodiorite is a result of the emplacement of early barren grey to white quartz. This is followed by one or two mineralizing events consisting of smoky quartz/sulphide (pyrite +/- arsenopyrite) and smoky quartz hosting high concentrations of pervasive acicular sulphosalt minerals, which is unique to Western Klaza. These two events are typically observed together in the Western Klaza Zone veins but can occur individually. Common late-stage tan ankerite with associated sphalerite and galena fill breccias and fractures cutting earlier quartz phases. Representative vein intercepts from the Western Klaza Zone are shown in Plates 3 and 4.

KL-14-182 184.20 m

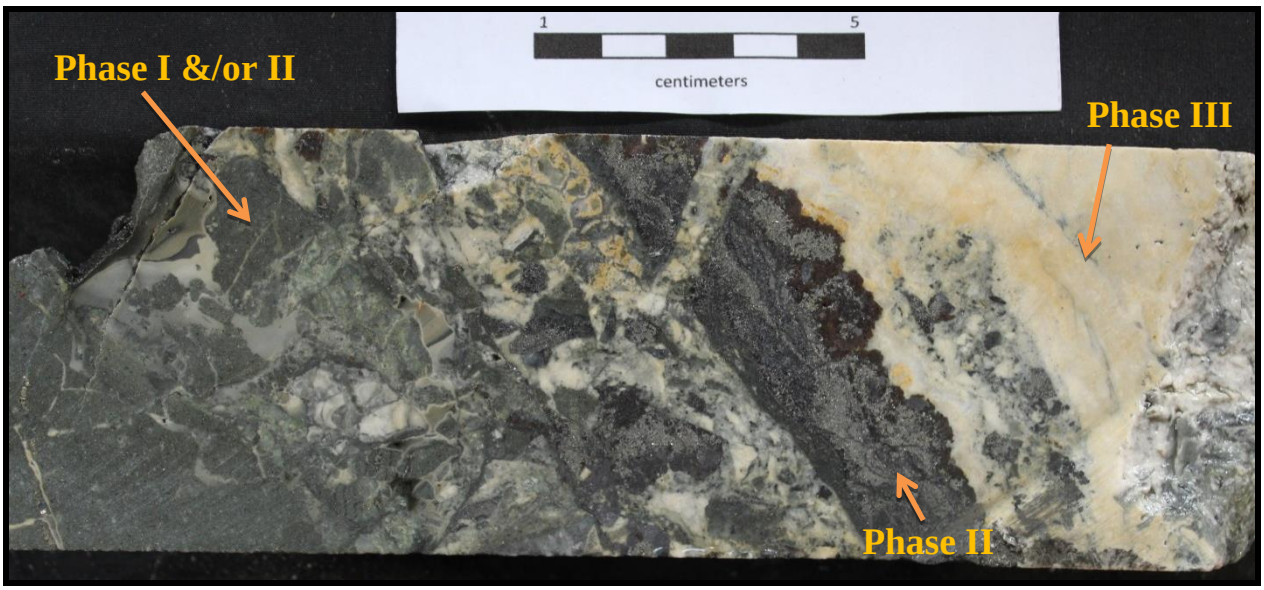


Plate 3: Western Klaza Zone drill core showing fine-grained arsenopyrite veins and breccias with zoned honey brown sphalerite at the margin of a tan ankerite mass.

KL-14-178 96.50 m

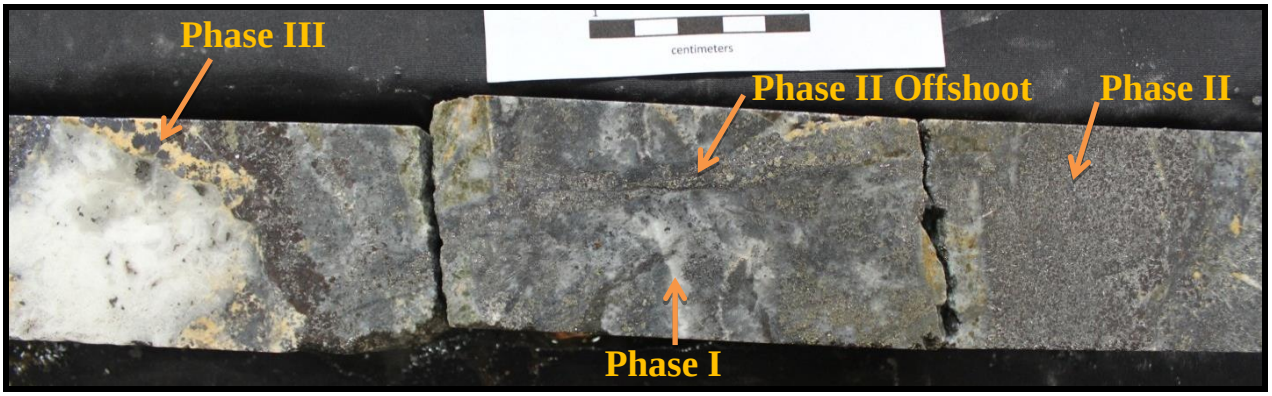


Plate 4: Western Klaza Zone drill core highlighting relationship between Phases I through III.

The Central Klaza Zone is a sheeted vein complex hosted in a feldspar porphyry dyke swarm. The strongest veins are often found along dyke contacts, but they are not limited to these areas. Sheeted vein emplacement is common and, in some instances, mineralized veins cross-cut the dykes. Typical vein composition in Central Klaza Zone consists of initial barren quartz veining, smoky quartz/pyrite/arsenopyrite veining, and further brecciation by tan-white ankerite with sphalerite and galena, as shown on Plate 5.

KL-11-28 254.05 m

Plate 5: Brecciated galena and ankerite vein cross-cutting smoky quartz/pyrite/arsenopyrite.

Alteration Facies

Alteration facies described in this section are developed around veins. Where a mineralized zone consists of multiple, closely spaced veins, the areas of alteration can coalesce. Extensive areas of pervasive alteration characterize the Cental Klaza Zone, and this type of alteration appears to be increasing toward the east in several of the mineralized structural zones, as they approach the porphyry centres. Where only a few veins are present, or they are widely separated, the alteration zones are quite discrete and are surrounded by unaltered wallrocks.

Four significant alteration facies are observed on the Property in drill core and trench exposures. These phases are propylitic, argillic, phyllic and potassic alteration. The alteration facies and intensities vary, based principally on the spatial relationships of each zone with respect to the primary heat source. Further controls on alteration include mineral zonation, proximity to feldspar porphyry dykes, and presence of multiple phases of mineralization. Generally, propylitic alteration represents the most distal alteration facies, followed by weak argillic and advanced argillic alteration, then phyllic alteration and finally, the most proximal, potassic alteration. The following paragraphs describe the alteration facies observed at the Property.

Propylitic facies alteration in the host granodiorite is mainly represented by the assemblage calcite, chlorite and sericite. Weak sericitization of feldspar imparts a dark greenish grey colour to the granodiorite. Calcite usually develops as coatings within microfractures. Chlorite content is modest at about 3 to 5% of the rock. Epidote, another propylitic index mineral, is rarely observed.

KL-14-228 144.00 m

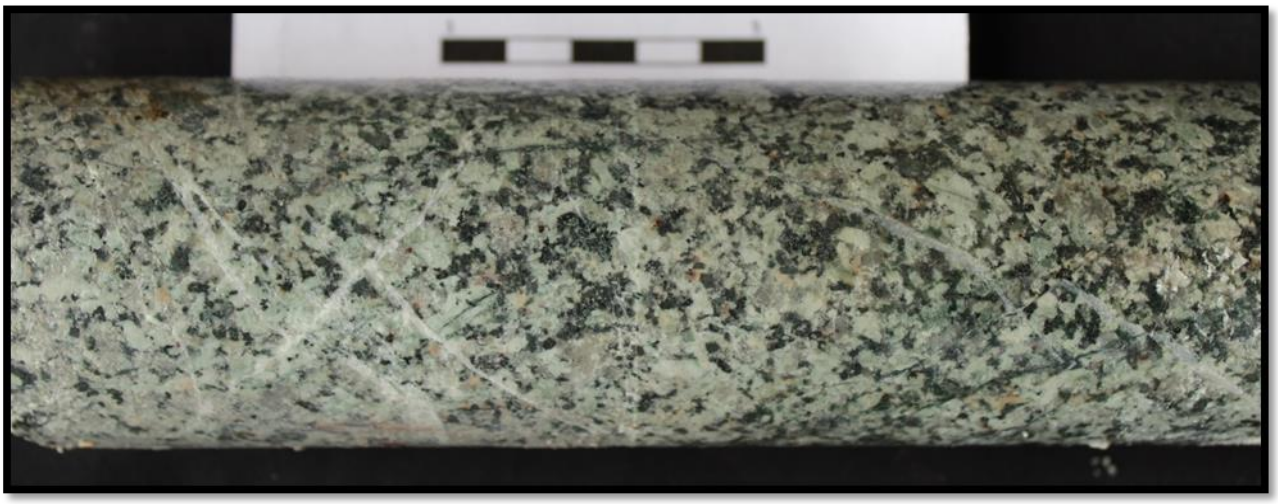


Plate 6: Moderate propylitic alteration.

KL-14-231 190.6 m

Plate 7: Strong propylitic alteration with weak potassic overprinting.

Argillic facies alteration has two sub-facies, montmorillonitic and kaolinitic, with each sub-facies defined by the type of clay replacing plagioclase feldspar. Montmorillonitic alteration (Weak Argillic) is characterized by a pale green colour that develops when clay altered plagioclase oxidizes on exposure to air. Montmorillonite alterated rocks swell when the clays absorb water, making them highly friable. This sub-facies is generally less than 50 m wide and occurs outward of the Kaolinite sub-facies.

KL-14-138 138.86 – 141.76 m

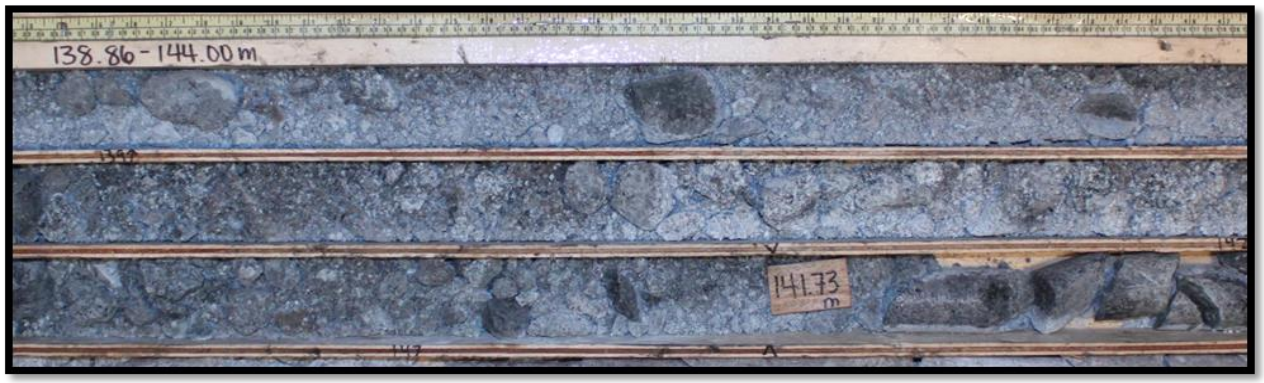


Plate 8: Highly friable montmorillonite alteration.

Kaolinitic alteration (Advanced Argillic) has a strong bleached appearance and is often cut by weak sericite veinlets with narrow alteration envelopes. Typical kaolinitic alteration grades to phyllic alteration, as sericite dominates over kaolinite. The kaolinite sub-facies has been classified into weak, moderate and strong, depending upon the presence or absence of biotite, K-feldspar, calcite, sericite, pyrite and hematite. The contacts between these three classifications are gradational.

Weak kaolinitic alteration is characterized by plagioclase feldspar and hornblende altering to a chalky and/or dull white clay. Biotite is present as fresh to weakly altered books. Pink orthoclase (K-feldspar) may also be present. Calcite is rarely observed. Magnetite is generally oxidized to hematite, and disseminated pyrite is usually absent.

KL-14-220 182.30 m

Plate 9: Weak kaolinitic alteration.

Moderate kaolinitic alteration is noted where biotite, calcite and K-feldspar are destroyed, as the intensity of alteration increases. Pale green sericite becomes common; however, it is not

pervasive. Hematite is common and chlorite, a relic of biotite alteration, may be present. Pyrite is generally absent or very weak.

KL-14-234 63.10 m

Plate 10: Moderate kaolinitic alteration.

Strong kaolinitic alteration occurs where kaolinite is largely replaced by white to pale green sericite. Pyrite veinlets up to 1 mm are common and wider veinlets sometimes have narrow white, intense sericite envelopes. The pyrite results from sulphidization of hematite.

KL-14-235 89.10 m

Plate 11: Strong kaolinitic alteration.

Argillic facies alteration occurs more proximal to mineralized zones than the propylitic facies and can sometimes be present within 50 cm of mineralized veins.

Phyllic facies alteration is characterized by sericite, quartz and pyrite and is seen immediately adjacent to mineralized zones inside the propylitic and argillic alteration halos. Typical phyllic alteration consists of quartz±sulphide veinlets enveloped by pervasive sericite and pyrite. With an increase in veinlet density, the original rock texture is destroyed and converted to a dark gray, very fine-grained mixture of sericite, pyrite and quartz. The quartz is a product of the alteration and accumulates as blebs or migrates to form veinlets and veins. The strongest phyllic alteration observed to date on the Property is within the Klaza Zone. Clasts in the breccias that are typically found in the Klaza Zone are often strongly phyllic altered.

KL-14-229 310.70 m

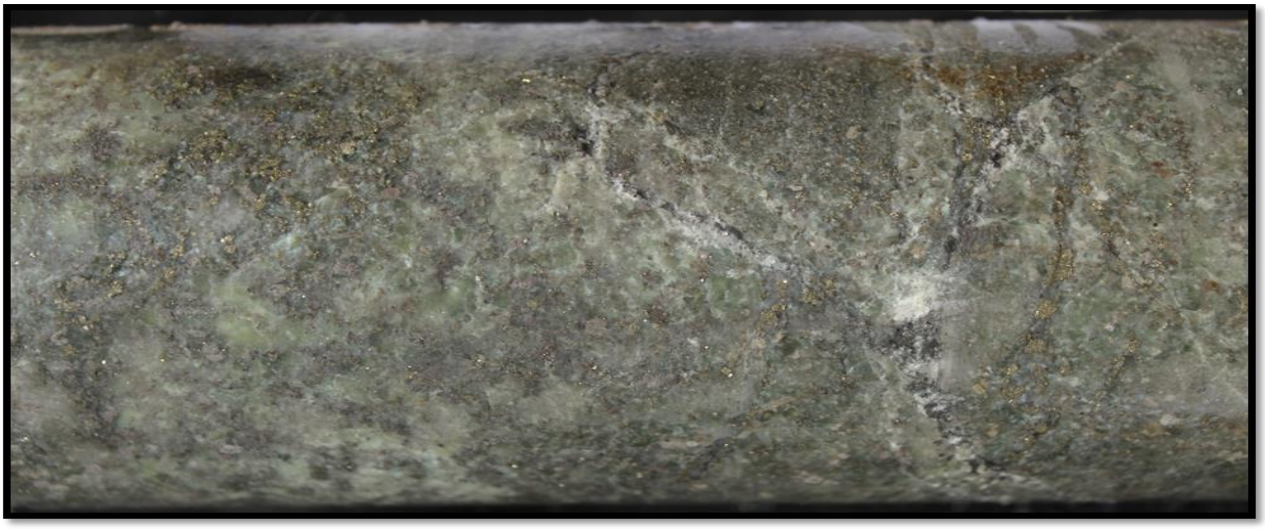


Plate 12: Strong phyllic alteration.

Potassic facies alteration features fine-grained interstitial white feldspars that may be K-feldspar and euhedral books of biotite. Besides the diagnostic alteration minerals, biotite and K-feldspar, potassic alteration may contain secondary magnetite, anhydrite, tourmaline and ankerite.

KL-14-220 182.30 m

Plate 13: Moderate potassic alteration with secondary biotite.

KL-14-231 191.55 m

Plate 14: Moderate potassic alteration in sharp contact with weak phyllic alteration.

Carbonate Gangue Facies

Gold-silver mineralization occurs on the Property in veins containing quartz, various carbonate minerals and iron and base metal sulphide minerals. The gold-rich Western BRX Zone has the highest abundance of manganiferous carbonate (rhodochrosite) discovered to date on the Property. Iron-rich carbonates (ankerite and siderite) are the dominant carbonate minerals in the remainder of the BRX Zone and in the Klaza Zone.

Deposit Style Classification

Textures and mineralogy observed at the Property share a number of key similarities with Carbonate Base Metal (CBM) deposits. This class of deposits has not been identified elsewhere in Yukon, but some researchers have recognized that mineralization on the Property resembles mineralization at what are now categorized as CBM deposits (Smuk, 1999, and J. Richards, personal communication). CBM deposits have mainly been discovered around the Pacific Rim and include multi-million ounce gold deposits such as Porgera (New Guinea), Buritica (Colombia) and Kelian (Indonesia).

CBM deposits are formed by the mixing of rising mineralized fluids with bicarbonate waters (Corbett and Leach, 1998). Mineralization styles are highly zoned, depending on the crustal level of the system, with silver-rich CBMs formed at higher levels. Characteristic zonation of carbonate compositions develop when upwelling mineralizing fluids are progressively cooled as they mix with descending bicarbonate groundwater. These carbonate compositions vary from proximal (hot) calcium (Ca) through magnesium (Mg) and manganese (Mn) to distal (cool) iron (Fe) facies. Gold mineralization is believed to be preferentially distributed within veins containing Mn/Mg carbonate facies. Key diagnostic features of CBM deposits are compared to features observed at the Property in Table 3:

Table 3 - CBM Comparison with Klaza

Diagnostic Features of CBM Deposits	Diagnostic Features of Klaza Mineralization
Mineralization hosted in veins and breccias	Mineralization hosted in veins and breccias
Large vertical extent of mineralization (> 1,000 m)	Large vertical extent of mineralization (520 m and open to depth)
Gold and silver generally well liberated (native or in electrum)	Gold and silver generally well liberated (native gold, electrum and silver in tetrahedrite)
Veins and breccias emplaced adjacent to mineralizing intrusive	Veins and breccias emplaced adjacent to mineralizing intrusive
Carbonate (dominant), quartz, pyrite, sphalerite and galena gangue	Quartz (dominant), carbonate, pyrite, sphalerite and galena gangue
Multiple mineralized structures with long strike lengths (> 700 m)	Multiple (nine) mineralized structures with long strike lengths (>2,400 m)
Bonanza grade gold mineralization	Some bonanza grade intercepts

Although more studies are required at the Property to definitively classify the deposit type, key characteristics of mineralization on the Property are generally consistent with the CBM model and it is used in making recommendations concerning future exploration.

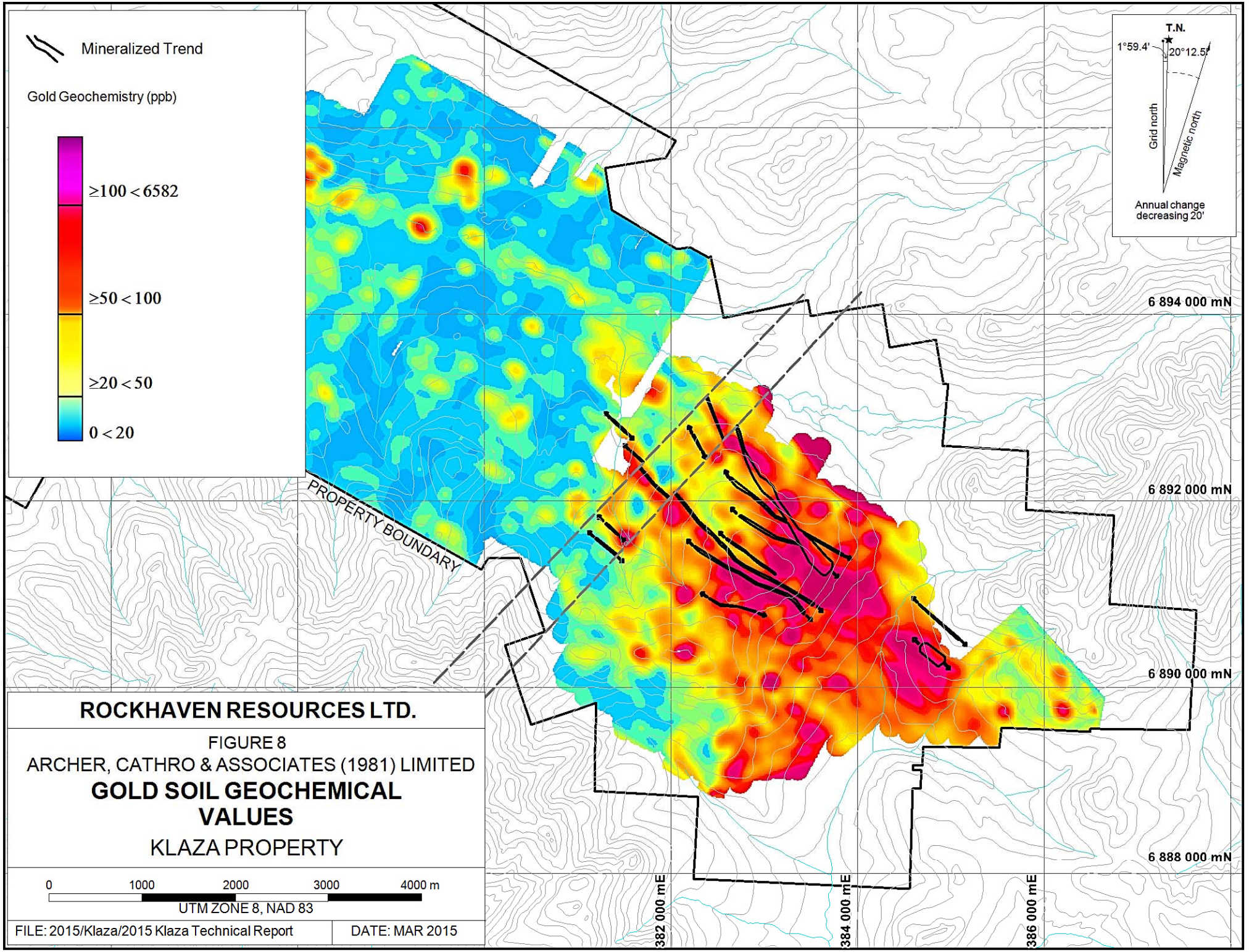
SOIL GEOCHEMICAL SAMPLING

From 1967 to present, various operators collected soil geochemical samples from the eastern part of the Property. Historical samples were taken on baseline-controlled grids established using hip-chain and compass. Baselines were marked with one metre high wooden lath and sample sites were marked with 0.5 m wooden lath; however, very few of these markers are currently standing and legible. Early soil sampling identified linear gold±silver±lead anomalies, which correspond to some of the known mineralized structural zones, and a large (2,000 by 3,000 m) area of moderately to strongly anomalous copper-in-soil response, which partially defines the Kelly porphyry target in the southeastern corner of the Property.

From 2010 to 2012, Rockhaven expanded grid sample coverage to the west and north of the earlier grids, and collected samples on a few contour-controlled lines in the northwestern part of the Property. Soil sampling methods and analytical techniques are described in Appendix III. No additional soil sampling was completed in 2014.

Effectiveness of soil sampling is often limited by thick layers of organic material and overburden, and in many areas, by permafrost. Despite these limitations, soil sampling has been one of the most effective surface exploration techniques for identifying trenching or drilling targets on the Property.

Results for gold, silver, lead, arsenic and copper from historical surveys and Rockhaven's sampling are illustrated together on Figures 8 to 12, respectively using gradient contour techniques. Table 4 lists the anomalous thresholds and peak values obtained by Rockhaven's surveys, for these elements.



ROCKHAVEN RESOURCES LTD.

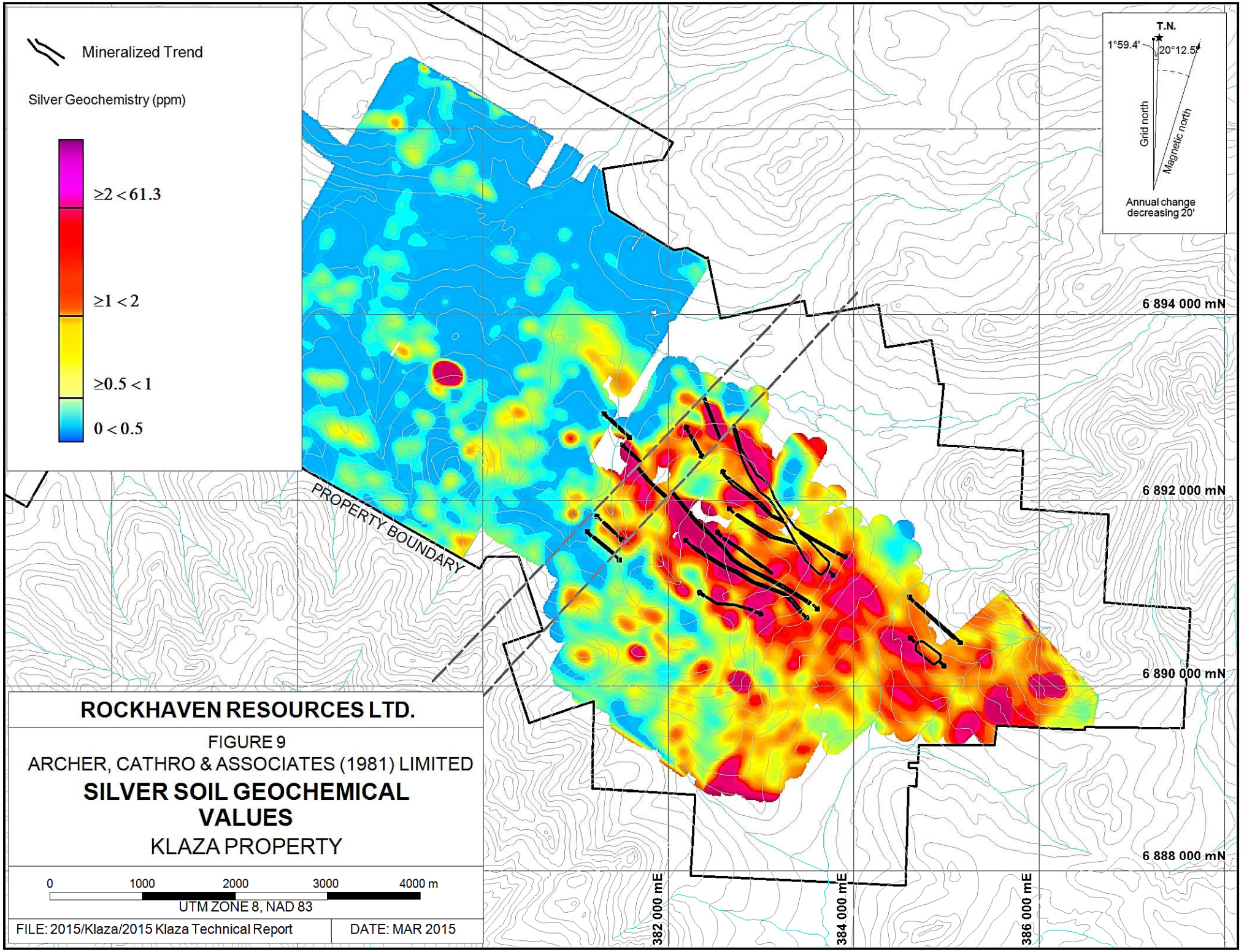
FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD SOIL GEOCHEMICAL VALUES

KLAZA PROPERTY

FILE: 2015/Klaza/2015 Klaza Technical Report | DATE: MAR 2015



ROCKHAVEN RESOURCES LTD.

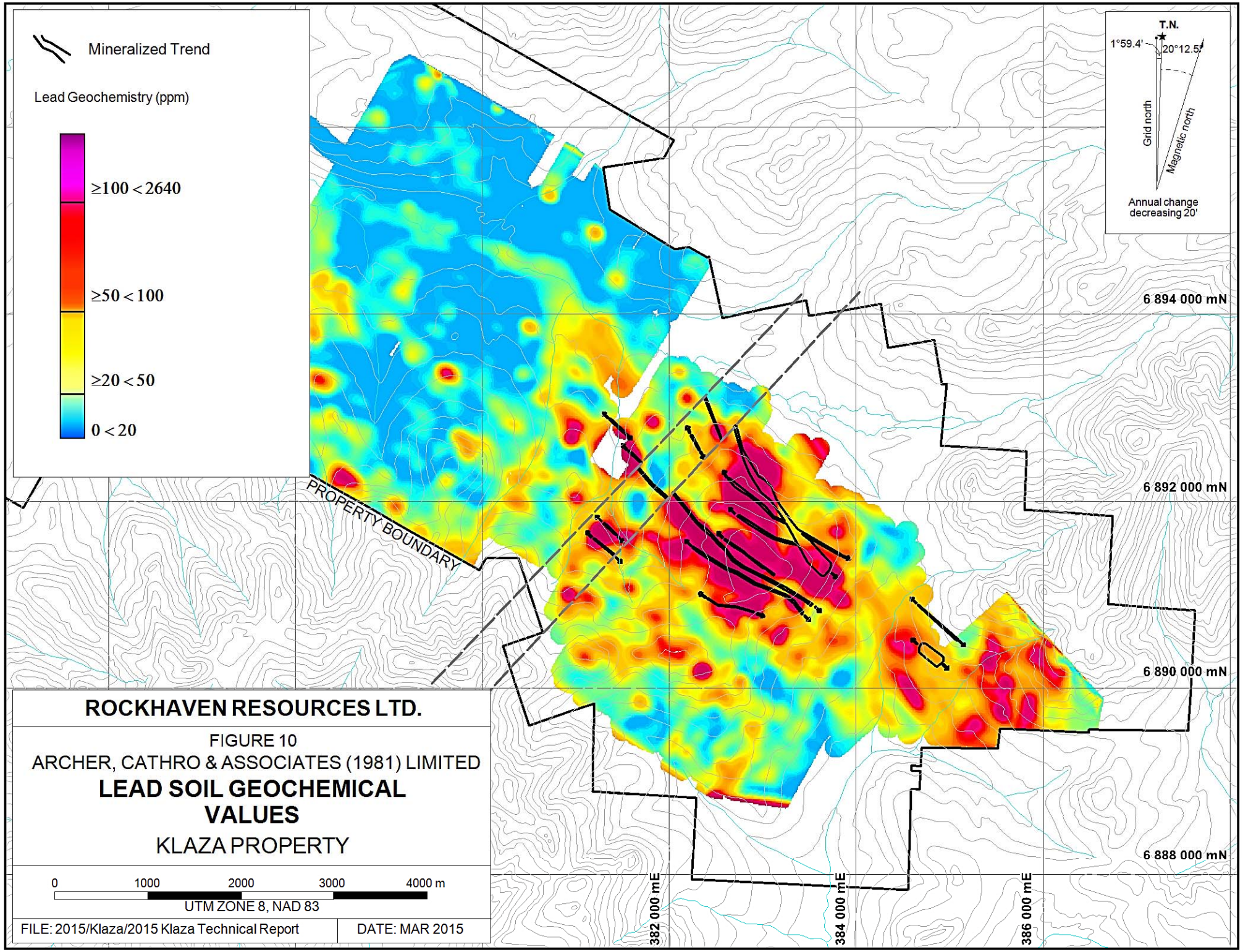
FIGURE 9

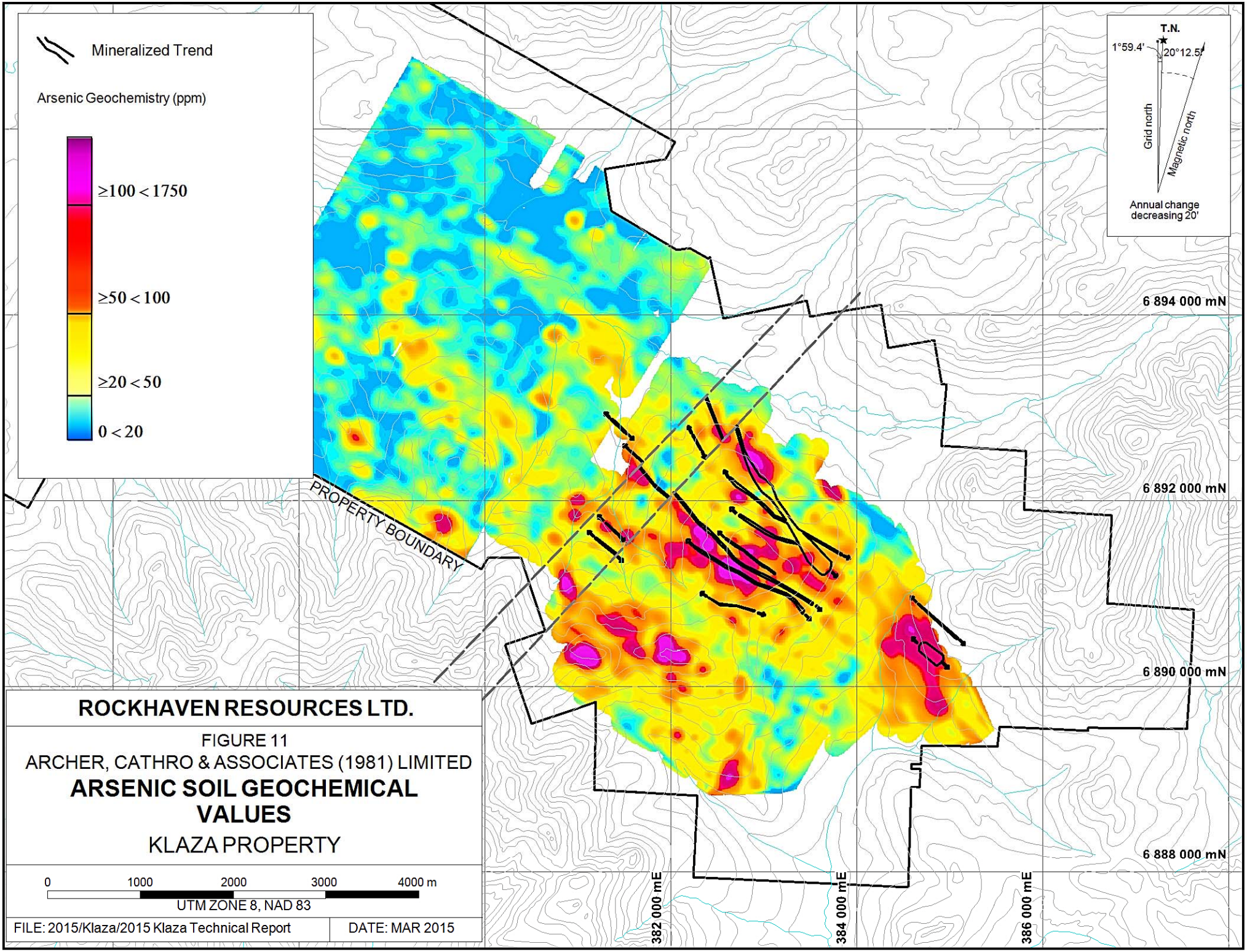
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SILVER SOIL GEOCHEMICAL VALUES

KLAZA PROPERTY

FILE: 2015/Klaza/2015 Klaza Technical Report | DATE: MAR 2015


Mineralized Trend
Lead Geochemistry (ppm)
≥100 < 2640
≥50 < 100
≥20 < 50
0 < 20
PROPERTY BOUNDARY
T.N.
1°59.4'
20°12.5'
Grid north
Magnetic north
Annual change decreasing 20'
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
382 000 mE
384 000 mE
386 000 mE
ROCKHAVEN RESOURCES LTD.
FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LEAD SOIL GEOCHEMICAL VALUES
KLAZA PROPERTY
0 1000 2000 3000 4000 m
UTM ZONE 8, NAD 83
FILE: 2015/Klaza/2015 Klaza Technical Report
DATE: MAR 2015



ROCKHAVEN RESOURCES LTD.

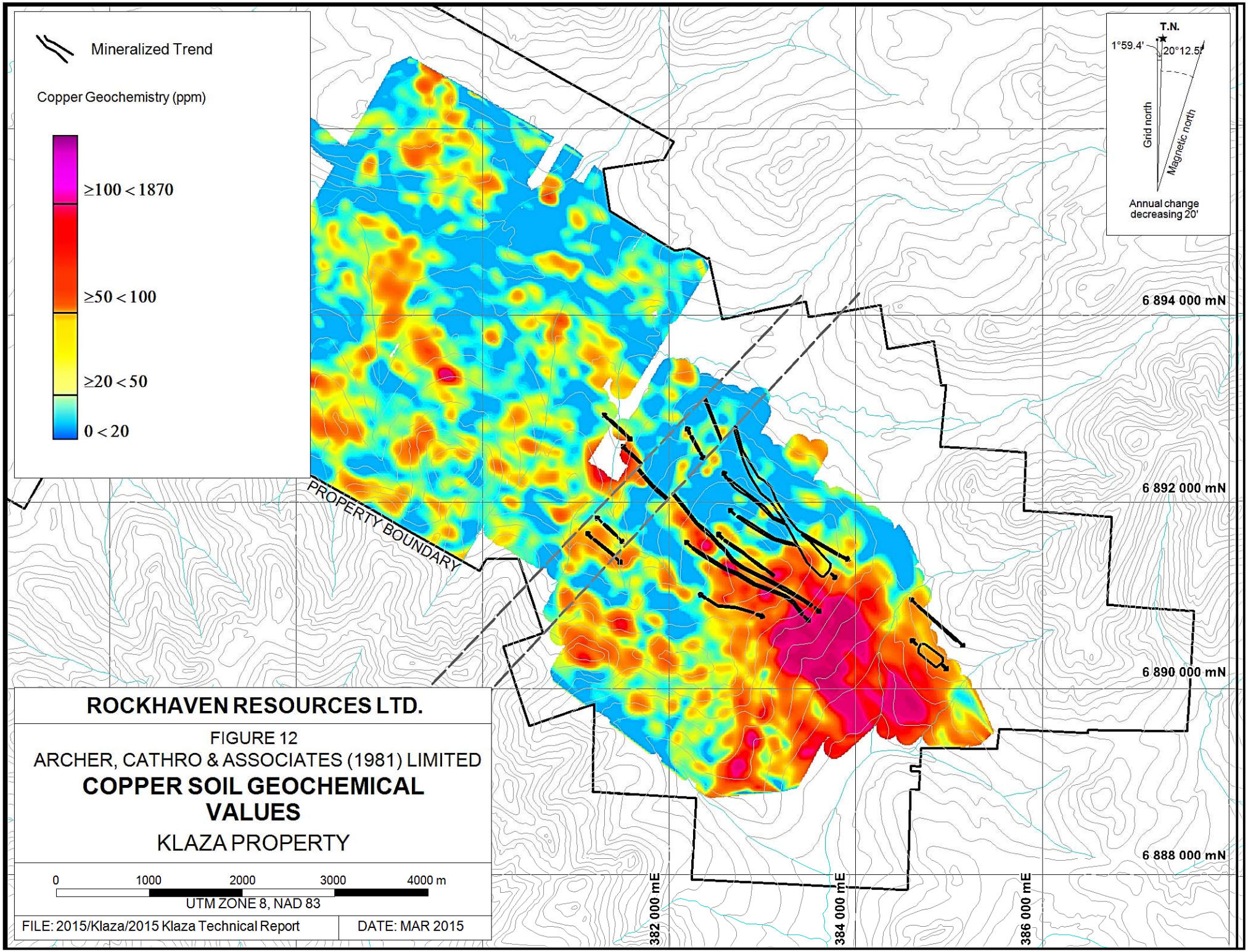
FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ARSENIC SOIL GEOCHEMICAL VALUES

KLAZA PROPERTY

FILE: 2015/Klaza/2015 Klaza Technical Report | DATE: MAR 2015



ROCKHAVEN RESOURCES LTD.

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COPPER SOIL GEOCHEMICAL VALUES

KLAZA PROPERTY

FILE: 2015/Klaza/2015 Klaza Technical Report | DATE: MAR 2015

Table 4 - Geochemical Data for Soil Samples

	Anomalous Thresholds			Peak Values
Element	**Weak**	**Moderate**	**Strong**	
Gold (ppb)	≥ 5 < 10	≥ 10 < 20	≥ 20	920
Silver (ppm)	≥ 0.5 < 1	≥ 1 < 2	≥ 2	61.3
Lead (ppm)	≥ 10 < 20	≥ 20 < 50	≥ 50	722
Copper (ppm)	≥ 20 < 50	≥ 50 < 100	≥ 100	1,870
Arsenic (ppm)	≥ 10 < 20	≥ 20 < 50	≥ 50	1,750

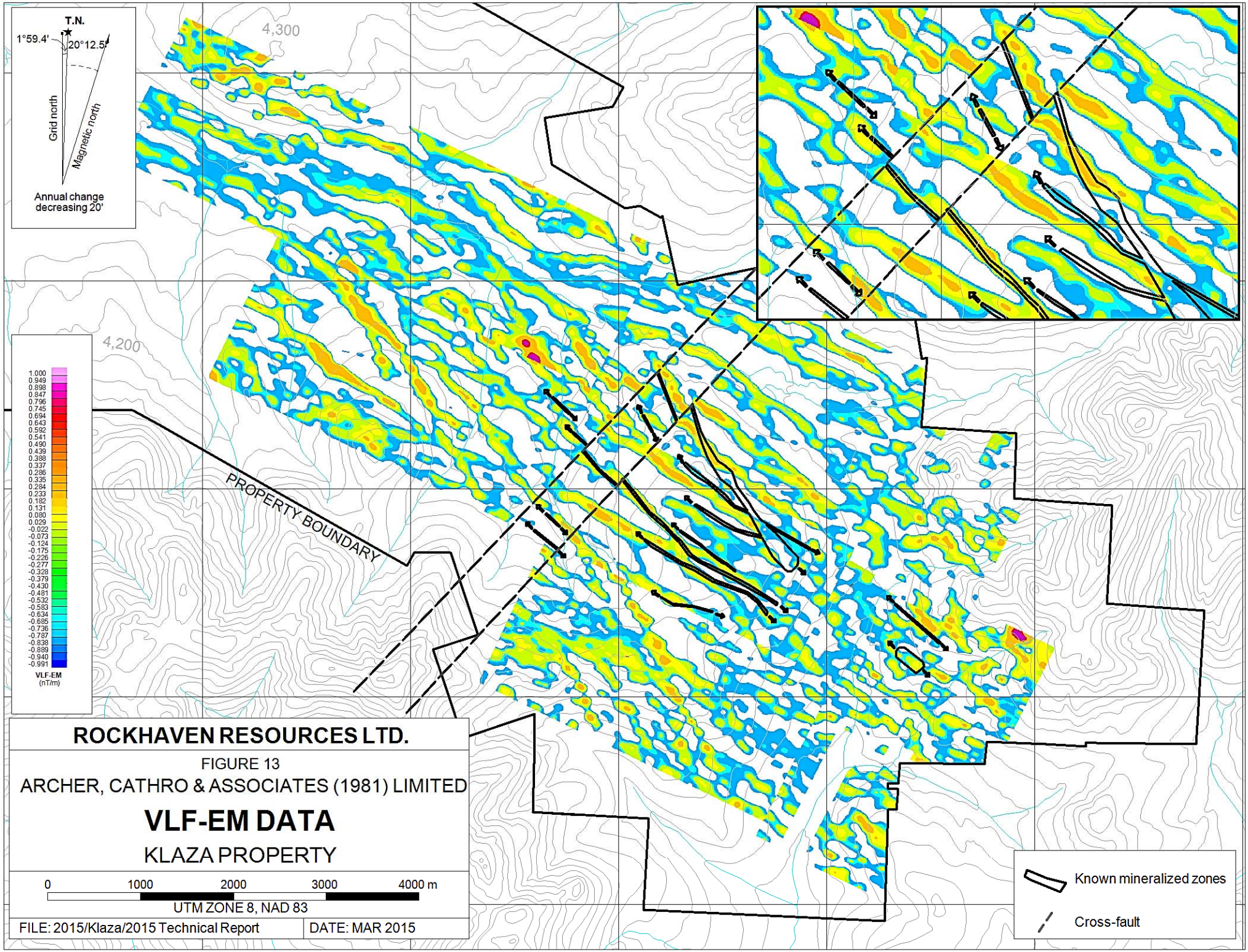
The Property exhibits distinct copper zonation from east to west. Copper is strongest in the southeastern part of the Property in proximity to the intrusive centre at the Kelly Zone. Response across the remainder of the gridded area is more subdued. The more southerly BRX, AEX, Dickson and Chevron zones have weakly elevated copper-in-soil signatures, while the other zones, further to the north, show only background copper response.

The structural corridor hosting the nine known mineralized zones is defined by linear trends of moderately to strongly anomalous values for gold, silver, lead and arsenic. Similar but more discontinuous anomalies have been identified southwest and northeast of the structural corridor, where no zones have been discovered to date. Northwest along strike of the known mineralized zones, elevated soil values occur as isolated samples or in small clusters. The lack of continuity in these outlying anomalies may be due in part to more difficult sampling conditions resulting from lower elevations and increased overburden depths.

GEOPHYSICAL SURVEYS

To date, four types of geophysical surveys have been completed on the Property: (1) SJ Geophysics Ltd. of Delta, British Columbia conducted two ground-based VLF-EM and magnetic surveys on behalf of BYG Natural Resources in 1996 (Visser et al., 1996) and Rockhaven in 2014; (2) Aurora Geosciences Ltd. of Whitehorse, Yukon conducted a gradient array induced polarization survey on behalf of Bannockburn Resources in 2006 (Wengzynowski, 2006); (3) New-Sense Geophysics Ltd. (NSG) of Markham, Ontario conducted two high sensitivity helicopter-borne magnetic and gamma-ray spectrometric surveys for Rockhaven during the 2010 (Turner and Tarswell, 2011) and 2011 (Tarswell and Turner, 2012) field seasons; and (4) Ground Truth Exploration of Dawson City, Yukon conducted high resolution induced polarization surveys along two experimental lines in the Cental Klaza and Central BRX zones for Rockhaven during the 2013 field season.

The **SJ Geophysics** VLF-EM and ground-based magnetic surveys were completed during two programs and covered a total of 330 line kilometres on a 4.5 by 8 km grid in the eastern and central parts of the Property. The first work program was completed on behalf of BYG in 1996 and covered 250 line kilometres. In 2014 Rockhaven added an additional 80 line kilometres to the earlier survey. SJ Geophysics integrated and interpreted the data from both programs and produced images relating to it. These surveys delineated numerous linear magnetic lows and VLF-EM conductors that coincide with known mineralized zones. Northerly trending breaks in the VLF-EM conductors correspond to known or suspected cross-faults. Figure 13 shows the



ROCKHAVEN RESOURCES LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

VLF-EM DATA

KLAZA PROPERTY

0 1000 2000 3000 4000 m

UTM ZONE 8, NAD 83

FILE: 2015/Klaza/2015 Technical Report | DATE: MAR 2015

VLF-EM results overlain with the interpreted surface traces of the mineralized structural zones and their possible extensions along strike.

The gradient array and pole-dipole IP survey conducted by **Aurora Geosciences** covered an 1,800 by 1,450 m area in the east-central part of the Property. Readings were collected at 25 m intervals along lines spaced 100 m apart. This survey identified two main anomalies, both of which feature elevated chargeability with coincident resistivity lows.

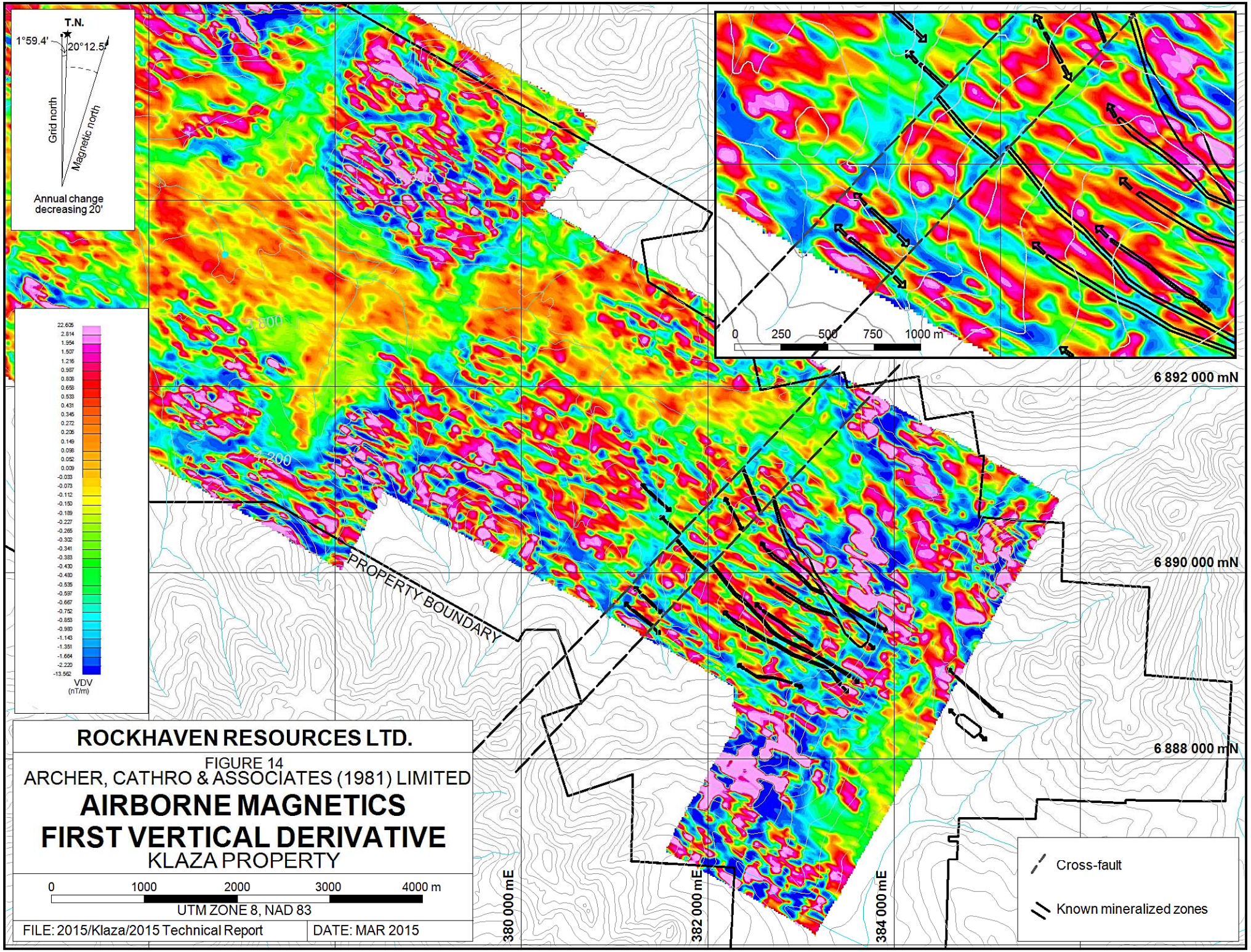
The most prominent anomaly is located in the southeastern corner of the grid. It is only partially defined and currently comprises a 1,000 m diameter, semicircular area characterized by moderate chargeability and low resistivity, which remains open to the south and east. This anomaly coincides with an area of weak to strong gold-in-soil geochemistry (25 to 100 ppb) and strong copper geochemistry (>200 ppm) as well as porphyry style mineralization that is part of the Kelly Zone. To date, only two trenches and one drill hole have tested the northern edge of the anomaly with the best result coming from hole KL-12-115, which averaged 0.15% copper, 0.14 g/t gold, 2.70 g/t silver and 0.010% molybdenum over 93.15 m.

The second IP anomaly includes three westerly trending chargeability features of weak to moderate intensity. These chargeability features are 710 to 1,200 m long and are offset 30 to 190 m to the south from parallel resistivity lows. The IP anomaly also includes three other, smaller chargeability highs that directly coincide with resistivity lows. These latter features correspond with parts of the BRX, AEX and BYG zones.

The **NSG** surveys resulted in 326 line kilometres being flown on a grid that covered most of the Property (Klaza 1 to 319 claims). Condor Consulting, Inc. of Lakewood, Colorado was retained to ensure quality control and produced a 3D model of the total field magnetics as well as various vertical derivatives.

The magnetic surveys identified a number of prominent, linear magnetic lows on the Property. Subsequent trenching and drilling have shown that many of the northwesterly trending lows coincide with mineralized structural zones, while northeasterly trending breaks in the magnetic data correspond to cross-faults. These relationships are consistent with the low magnetic susceptibility results returned from core samples within the altered structural zones compared to higher values from surrounding unaltered wallrocks. Several of the magnetic lows extend outside the main areas of exploration and have not yet been tested by drilling or trenching. Figure 14 shows the first vertical derivative of the magnetic data overlain with the interpreted surface traces of the structural zones.

Elevated potassic radioactivity is evident in the general area of the main zones in the eastern part of the Property, but does not specifically coincide with individual mineralized zones. Numerous porphyry dykes and frost boils containing porphyry fragments lie within this area and are the probable source of this radioactivity. The Klaza River valley generally has subdued radiometric response, which is likely due to thick vegetation and water saturation in the flats adjacent to the river. Elevated radioactivity that directly correlates with the bed of the Klaza River may be caused by exposed gravels, which include abundant potassium feldspar bearing, intrusive material.


T.N.
1°59.4'
20°12.5'
Grid north
Magnetic north
Annual change decreasing 20'
22.605
2.814
1.954
1.507
1.216
0.997
0.808
0.658
0.533
0.431
0.345
0.272
0.206
0.149
0.098
0.052
0.009
-0.033
-0.073
-0.112
-0.150
-0.189
-0.227
-0.265
-0.302
-0.341
-0.383
-0.430
-0.480
-0.535
-0.597
-0.667
-0.752
-0.853
-0.980
-1.143
-1.351
-1.664
-2.220
-13.562
VDV (nT/m)
0 250 500 750 1000 m
6 892 000 mN
6 890 000 mN
6 888 000 mN
PROPERTY BOUNDARY
380 000 mE
382 000 mE
384 000 mE
Cross-fault
Known mineralized zones
ROCKHAVEN RESOURCES LTD.
FIGURE 14
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
AIRBORNE MAGNETICS
FIRST VERTICAL DERIVATIVE
KLAZA PROPERTY
0 1000 2000 3000 4000 m
UTM ZONE 8, NAD 83
FILE: 2015/Klaza/2015 Technical Report
DATE: MAR 2015

The experimental IP survey conducted by **Ground Truth Exploration** collected dipole-dipole extended, inverse Schlumberger and strong gradient array data on section lines 10+050 mE and 10+600 mE at the Klaza and BRX zones. Each of these lines was 415 m long (a single spread length for the arrays). Transceivers were placed 5 m apart along the lines, resulting in a very high signal to noise ratio and thus providing high quality resistivity data. The mineralized vein and breccia zones tested by the two lines show up as resistivity lows that coincide with chargeability highs.

EXCAVATOR TRENCHING

Rockhaven performed about 21,050 m of trenching in 82 trenches between 2010 and 2013. In 2014, another 5 trenches totalling approximately 880 m were completed using a Hitachi 450 excavator, owned and operated by 15317 Yukon Ltd. of Whitehorse.

A total of 334 chip samples were collected in 2014 from bedrock exposed in trenches. Chip samples were taken along the west rib of each trench or where bedrock was the most stable. Sample Handling and Analytical Procedures are described in Appendix III, while Certificates of Analysis can be found in Appendix IV.

Historically, excavator trenching in geochemically anomalous areas has been the most effective tool for identifying near surface but non-outcropping, mineralized zones. Within the main areas of exploration, overburden generally consists of 5 to 20 cm of vegetation and soil organics covering a discontinuous layer of white volcanic ash and 50 to 125 cm of loess and/or residual soil, which cap decomposed bedrock.

Typical trench exposures within the mineralized vein zones exhibit strong limonite and clay alteration that is often water saturated and more deeply weathered than the surrounding wallrocks. These zones are more intensely fractured and have higher porosity as a result of near surface oxidation. Residual sulphide minerals are rarely present in trenches and, where seen, they are usually encapsulated in silica. The locations and orientations of lithological contacts in trenches correspond very well with those predicted from nearby drill holes, indicating little solifluction has occurred. Outside of the mineralized zones, trench exposures are dominated by blocky, weakly oxidized granodiorite.

Table 5 lists the total number and combined lengths of trenches completed by Rockhaven each year since 2010.

Table 5 - 2010 to 2014 Excavator Trenching Summary

Year	Number of Trenches	Total Length (m)
2010	21	8,000
2011	12	4,050
2012	11	4,000
2013	38	5,000
2014	5	880
TOTAL	**87**	**21,930**

The majority of Rockhaven's trench locations were selected based on results from historical programs. Where possible, trenches were excavated in areas that had previously been stripped of soil and vegetation. The trenches were aligned at about 030°, which is perpendicular to the trends of the main veins and soil geochemical and geophysical anomalies. Figure 15 is a plan view map showing trench locations and approximate surface traces of the nine main mineralized structural zones.

Highlights from the 2014 trenches include 5.83 g/t gold with 390 g/t silver over 1.3 m and 3.78 g/t gold with 9.85 g/t silver in TR-14-13 and 1.13 g/t gold and 12.22 g/t silver over 5.9 m in TR-14-79.

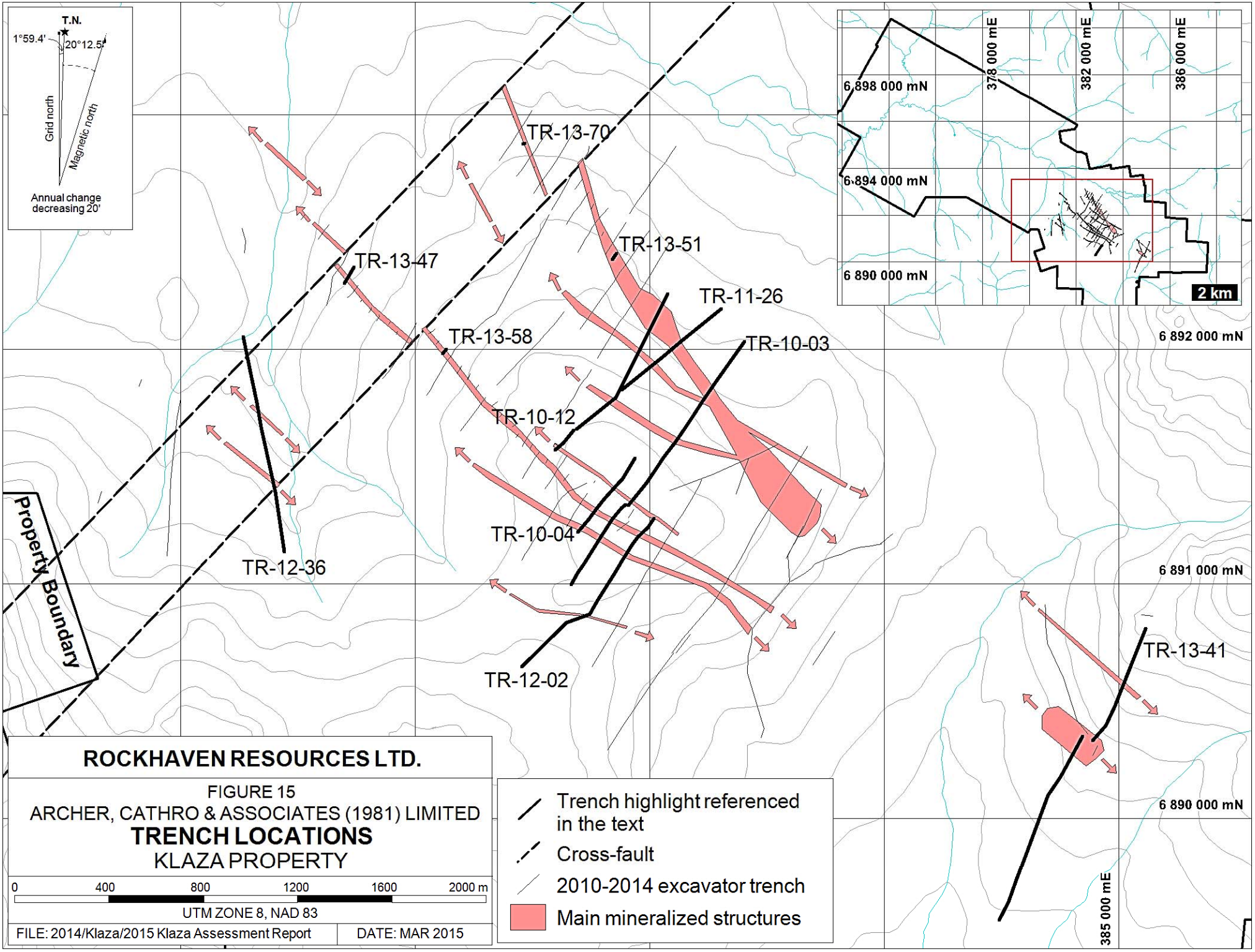
Individual zones and their key trench results are discussed from north to south in the following paragraphs, based on descriptions in Tarswell and Turner, 2014. All widths reported are sampled widths, which are considered to represent 80 to 90 % of true widths.

The **Pearl Zone** is the most northerly mineralized structure identified on the Property. It was exposed in two excavator trenches located 450 m apart along a recessive linear. The best interval was exposed in TR-13-41S, which averaged 2.85 g/t gold and 20.04 g/t silver across 10.72 m. This interval included 1.25 m grading 19.75 g/t gold and 148.00 g/t silver.

The **Klaza Zone** is a historical zone that has been traced for a strike length of 2,400 m. The zone is made up of numerous individual veins that range between 0.2 to 4.5 m wide.

Mineralization in the ***Central Klaza Zone*** is hosted within a laterally extensive complex of steeply dipping veins, breccias and sheeted veinlets that are associated with a swarm of feldspar porphyry dykes. The strongest veins are typically found along dyke margins. The best result returned from this part of the Klaza Zone was 5.61 g/t gold and 300 g/t silver over 18.79 m in TR-13-51.

Mineralization in the ***Eastern Klaza Zone*** comprises broad zones of quartz-pyrite stringers and veinlets hosting disseminated galena, sphalerite and rare molybdenum and chalcopyrite. Up to 70 m wide barren feldspar porphyry dykes crosscut zones of mineralization. The strongest vein zones are typically associated with broad areas of disseminated pyrite and trace molybdenum centered on phyllic and weak potassic alteration. The best result returned from this part of the Klaza Zone was 0.69 g/t gold and 3.43 g/t silver over 53.95 m in TR-13-42.


T.N.
1°59.4'
20°12.5'
Grid north
Magnetic north
Annual change decreasing 20'
TR-13-70
TR-13-51
TR-13-47
TR-11-26
TR-13-58
TR-10-03
TR-10-12
TR-10-04
TR-12-36
TR-12-02
TR-13-41
Property Boundary
6 898 000 mN
6 894 000 mN
6 890 000 mN
378 000 mE
382 000 mE
386 000 mE
2 km
6 892 000 mN
6 891 000 mN
6 890 000 mN
385 000 mE
ROCKHAVEN RESOURCES LTD.
FIGURE 15
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TRENCH LOCATIONS
KLAZA PROPERTY
0 400 800 1200 1600 2000 m
UTM ZONE 8, NAD 83
FILE: 2014/Klaza/2015 Klaza Assessment Report
DATE: MAR 2015
Trench highlight referenced in the text
Cross-fault
2010-2014 excavator trench
Main mineralized structures

Narrow, high-grade silver-gold enriched veins in the ***Western Klaza Zone*** are believed to represent a more distal style of mineralization. A strong vein and a nearby weaker vein; both with good lateral continuity, have been traced along this segment of the zone. These veins are not emplaced alongside a feldspar porphyry dyke, nor are they flanked by the type of sheeted veining seen elsewhere in the Klaza Zone. The mineral assemblages contain higher proportions of arsenopyrite and sulphosalts than are common further east in the zone, and silver to gold ratios are higher. The best trench result from this part of the Klaza Zone was 16.76 g/t gold and 1,052 g/t silver over 3.03 m in TR-13-70.

While individual mineralized exposures within the Klaza Zone are generally comparable to those at other zones on the Property, the Central and Eastern Klaza Zones are distinguished by the presence of multiple subparallel veins, which are relatively closely spaced within a structural corridor that is up to 100 m wide.

In 2013, two trenches tested the projected extension of the Klaza Zone 1,300 m east of the main trenching area. The best of these trenches (TR-13-41S) yielded multiple mineralized intervals, including 1.91 m grading 2.38 g/t gold and 18.25 g/t silver. The area between this trench and the known Klaza Zone has not yet been drilled or trenched and the continuity between these areas has not been established.

The **BYG Zone** splays south off the east-central part of the Klaza Zone. It has been traced by excavator trenches for 650 m and hosts veins developed along the selvages of two dyke swarms. Trench TR-11-26 returned 2.13 g/t gold and 7.94 g/t silver across 14.68 m.

The **Herc Zone** also appears to splay off the Klaza Zone, approximately 300 m east of the BYG Zone. The Herc Zone was discovered in 2010 by following up historical soil geochemical results and has been traced over a 460 m strike length. The best exposure was in TR-10-12, which yielded 3.06 g/t gold and 48.66 g/t silver over 7.60 m. Trenching along the projected strike to the west failed to identify significant mineralization, although strong alteration was exposed along the inferred trend.

The **Pika Zone** was also discovered in 2010 and lies 650 m south of the Klaza Zone. It hosts one or two discrete veins that have been tested by four trenches along a 740 m strike length. This zone has a relatively weak soil geochemical signature compared to the other known zones. The best interval obtained to date yielded 2.94 g/t gold and 190.06 g/t silver over 3.20 m (TR-12-04).

The **BRX Zone** was the original historical discovery on the Property and has now been traced for 2,400 m by 37 trenches. This total strike length includes fault offset segments. Mineralization within the BRX Zone is associated with a laterally extensive feldspar porphyry dyke. Veins occur on the margins of that dyke and, where the dyke splits into two or more 'fingers,' the number of veins increases, which sometimes results in wider mineralized intervals. All of the vein exposures in this zone host abundant sulphide and quartz veinlets. The best results are from the 500 m long section, called the ***Western BRX Zone***, which is situated between two northeast trending cross-faults. Highlights from this section include 87.0 g/t gold and 768 g/t silver over 1.15 m in TR-13-47 and 71.4 g/t gold and 1,310 g/t silver over 2.25 m in TR-13-58.

The **AEX Zone** was discovered in 2012, lies 850 m south of the Klaza Zone and has been traced for 1,650 m. The best trench exposure was in TR-10-03 and returned 10.90 g/t gold and 56.41 g/t silver over 1.25 m.

The **Dickson Zone** was also discovered in 2012 and lies 1,050 m south of the BRX Zone. It has been exposed in two areas, located approximately 1,500 m apart within a 3,000 m long geophysical and multi-element geochemical anomaly. The best exposure from this zone came from TR-12-02 and returned 10.85 g/t gold and 93.60 g/t silver over 1.60 m.

The **Chevron Zone** was another 2012 discovery, which lies 1,150 m south of the BRX Zone. It hosts multiple vein structures that have only been tested by two trenches. The best trench results were 3.79 g/t gold and 190.48 g/t silver over 9.20 m and 6.25 g/t gold and 319 g/t silver over 4.80 m, both from TR-12-36.

Table 6 lists the most significant mineralized intervals from trenching programs between 2010 and 2014.

Table 6 - Significant Trench Results

Trench	From (m)	To (m)	Int. (m)	Au (g/t)	Ag (g/t)	Zone
TR-10-01	229.32	231.32	2.00	6.36	118.55	PIKA
TR-10-01	311.02	312.63	1.61	5.67	140.09	Eastern BRX
TR-10-01	323.89	328.89	5.00	2.91	0.60	Eastern BRX
TR-10-01	469.10	473.62	4.52	2.48	46.80	AEX
TR-10-02	92.45	97.45	5.00	1.39	28.30	Eastern BRX
TR-10-02	227.07	232.37	5.30	1.85	29.63	AEX
TR-10-02	377.20	379.09	1.89	2.78	81.88	Eastern BRX
TR-10-03	236.96	238.21	1.25	10.90	56.41	AEX
TR-10-03	356.26	356.96	0.70	5.39	88.40	Eastern BRX
TR-10-03	96.30	99.00	2.70	2.61	14.80	Eastern Klaza
TR-10-03	349.50	352.50	3.00	6.80	55.67	Eastern Klaza
TR-10-03	464.61	467.07	2.46	7.43	146.38	BYG
TR-10-03	485.91	495.91	10.00	4.22	7.90	HERC
TR-10-04	105.50	108.70	3.20	2.94	190.06	PIKA
TR-10-04	257.47	258.50	1.03	19.80	135.00	Central BRX
TR-10-04	267.17	268.45	1.28	2.26	46.00	Central BRX
TR-10-04	300.67	301.80	1.13	7.09	146.00	Central BRX
TR-10-04	314.50	316.00	1.50	12.50	237.00	Central BRX
TR-10-04	320.00	321.70	1.70	2.81	7.57	Central BRX
TR-10-06	37.90	41.90	4.00	6.40	27.48	Eastern BRX
TR-10-08	322.84	325.34	2.50	3.57	1.40	AEX
TR-10-08	441.80	446.80	5.00	1.70	1.10	Eastern BRX
TR-10-08	453.60	456.10	2.50	4.47	1.80	Eastern BRX

TR-10-09	220.67	235.52	14.85	2.55	37.83	Central Klaza
TR-10-09	346.42	347.34	0.92	1.18	178.00	BYG
TR-10-10	63.73	66.28	2.55	2.45	71.53	Central Klaza
TR-10-10	129.13	136.93	7.80	6.96	66.36	Central Klaza
TR-10-10	148.63	152.05	3.42	1.20	96.20	Central Klaza
TR-10-11	199.55	204.95	5.40	2.04	18.66	Central Klaza
TR-10-11	225.00	227.47	2.47	4.54	12.70	Central Klaza
TR-10-11	240.57	242.07	1.50	2.33	33.00	Central Klaza
TR-10-11	454.34	459.56	5.22	1.52	31.21	BYG
TR-10-12N	188.40	196.00	7.60	3.06	48.66	HERC
TR-10-12N	409.00	412.00	3.00	2.78	9.90	BYG
TR-10-12N	423.20	425.30	2.10	2.58	12.50	BYG
TR-10-12N	597.50	615.20	17.70	2.56	30.42	Central Klaza
TR-10-12N	711.00	715.00	4.00	1.01	27.20	Central Klaza
TR-10-12S	2.20	4.00	1.80	0.97	309.61	PIKA?
TR-10-12S	89.25	90.25	1.00	1.67	461.00	PIKA?
TR-10-13	301.58	303.58	2.00	2.44	5.80	Eastern Klaza
TR-10-14	240.00	241.50	1.50	2.53	133.00	AEX
TR-10-14	246.00	247.00	1.00	2.52	94.40	AEX
TR-10-14	252.00	253.50	1.50	5.60	56.90	AEX
TR-10-14	349.50	350.50	1.00	0.99	166.00	AEX
TR-10-14	361.70	362.70	1.00	9.31	996.00	Central BRX
TR-10-14	366.70	369.50	2.80	1.90	17.52	Central BRX
TR-10-15	38.90	39.90	1.00	2.32	1162.28	AEX
TR-10-15	50.40	53.45	3.05	1.96	14.02	AEX
TR-10-15	69.32	70.32	1.00	3.76	26.00	AEX
TR-10-15	121.50	126.00	4.50	2.92	140.01	Central BRX
TR-10-17	124.77	127.07	2.30	1.54	71.10	Central BRX
TR-10-17	136.87	143.87	7.00	0.96	99.00	Central BRX
TR-10-19	72.65	74.10	1.45	12.45	305.00	Central Klaza
TR-10-20	14.34	17.84	3.50	4.18	360.09	Central BRX
TR-10-21	2.18	10.86	8.68	4.01	434.87	Central BRX
TR-11-22	330.23	331.03	0.80	2.51	260.00	Eastern Klaza
TR-11-22	335.59	337.08	1.49	1.41	77.60	Eastern Klaza
TR-11-22	346.10	349.48	3.38	4.46	61.59	Eastern Klaza
TR-11-22	378.30	379.65	1.35	9.86	61.20	Eastern Klaza
TR-11-24	188.46	191.53	3.07	2.94	36.62	Western BRX
TR-11-26	165.60	180.28	14.68	2.13	7.94	BYG
includes	173.47	176.25	2.78	8.28	20.16	BYG
TR-11-26	232.00	234.00	2.00	23.90	39.70	Central Klaza
TR-11-27	62.94	64.14	1.20	0.53	155.00	Western Klaza

TR-11-28	172.19	172.94	0.75	5.19	421.00	Western Klaza
TR-11-30	62.50	63.80	1.30	4.87	634.00	Western Klaza
TR-12-01	51.00	56.00	5.00	0.31	103.00	Dickson
TR-12-01	147.50	151.82	4.32	2.51	52.92	Chevron?
TR-12-02	322.50	324.10	1.60	10.85	93.60	Dickson
TR-12-08	709.70	718.15	8.45	1.69	2.48	Eastern Klaza
TR-12-23	18.00	26.00	8.00	1.65	50.55	Central BRX
includes	22.60	26.00	3.40	3.02	72.91	Central BRX
TR-12-35	81.60	83.85	2.25	5.53	237.61	Western Klaza
TR-12-36	358.50	367.70	9.20	3.79	190.48	Chevron
includes	358.50	363.30	4.80	6.24	318.58	Chevron
TR-13-18	24.00	26.15	2.15	1.37	44.90	Central BRX
TR-13-41N	325.77	336.49	10.72	2.85	20.04	Pearl
includes	326.97	328.22	1.25	19.75	148.00	Pearl
TR-13-41S	811.16	813.07	1.91	2.38	18.25	Far Eastern Klaza
TR-13-42	32.05	35.10	3.05	2.73	6.53	Eastern Klaza
TR-13-42	68.10	69.60	1.50	3.91	9.50	Eastern Klaza
TR-13-42	77.85	86.00	8.15	1.73	2.93	Eastern Klaza
includes	77.85	80.15	2.30	2.77	4.01	Eastern Klaza
includes	83.35	86.00	2.65	2.43	2.81	Eastern Klaza
TR-13-42	105.25	110.55	5.30	0.72	22.88	Eastern Klaza
TR-13-44	1.00	2.05	1.05	1.98	100.00	Central BRX
TR-13-44	21.30	23.80	2.50	1.15	108.00	Central BRX
TR-13-45	104.30	105.30	1.00	17.10	154.00	Western BRX
TR-13-46	263.77	266.77	3.00	1.83	16.50	Chevron
TR-13-46	304.68	317.75	13.07	1.35	12.60	Chevron
includes	304.68	310.66	5.98	2.26	22.34	Chevron
TR-13-47	30.05	31.20	1.15	87.00	768.00	Western BRX
TR-13-49	1.61	2.92	1.31	8.42	548.00	Central BRX
TR-13-51	0.00	1.00	1.00	2.68	97.30	Central Klaza
TR-13-51	11.19	12.19	1.00	0.90	2710.00	Central Klaza
TR-13-51	18.19	19.69	1.50	1.50	134.00	Central Klaza
TR-13-51	24.53	29.98	5.45	18.67	493.22	Central Klaza
includes	26.53	29.98	3.45	29.21	766.54	Central Klaza
TR-13-52	3.75	10.59	6.84	16.20	157.93	Central Klaza
includes	3.75	6.09	2.34	13.50	155.00	Central Klaza
includes	7.49	10.59	3.10	25.40	230.00	Central Klaza
TR-13-53	17.83	22.13	4.30	1.49	5.38	Far Eastern Klaza
TR-13-53	66.72	68.72	2.00	1.04	88.10	Far Eastern Klaza
TR-13-53	107.39	108.77	1.38	4.56	19.60	Far Eastern Klaza
TR-13-53	175.08	180.08	5.00	4.13	64.67	Far Eastern Klaza

TR-13-53	233.24	237.61	4.37	1.47	1.49	Far Eastern Klaza
TR-13-53	524.58	525.78	1.20	28.20	359.00	Pearl
TR-13-55	39.85	41.90	2.05	1.84	47.70	Western BRX?
TR-13-58	3.35	6.60	3.25	50.07	909.90	Western BRX
TR-13-59	8.85	15.20	6.35	1.02	61.65	Western BRX
TR-13-61	14.25	16.25	2.00	2.97	96.50	Central BRX
TR-13-62	4.85	7.85	3.00	0.95	74.80	Central BRX
TR-13-66	1.00	2.00	1.00	3.41	121.00	Central Klaza
TR-13-66	6.98	8.42	1.44	1.83	214.00	Central Klaza
TR-13-66	15.43	21.99	6.56	10.46	171.99	Central Klaza
includes	18.72	20.99	2.27	25.70	449.00	Central Klaza
TR-13-67	35.00	38.55	3.55	31.38	310.31	Western BRX
TR-13-67	43.70	48.70	5.00	3.34	80.77	Western BRX
TR-13-68	9.30	11.30	2.00	2.08	274.00	Western BRX
TR-13-68	19.75	21.25	1.50	1.42	166.00	Western BRX
TR-13-69	5.16	9.76	4.60	8.29	295.35	Western Klaza
TR-13-70	2.50	7.03	4.53	11.36	729.95	Western Klaza
includes	2.50	4.00	1.50	24.70	2000.00	Western Klaza
TR-13-71	0.00	1.80	1.80	4.82	53.92	Western Klaza
TR-13-73	1.00	6.20	5.20	15.18	300.90	Western BRX
includes	3.70	6.20	2.50	26.10	574.00	Western BRX
TR-13-74	12.45	14.70	2.25	31.20	1030.00	Western BRX
TR-13-75	4.75	6.20	1.45	11.50	1680.00	Western BRX
TR-13-75	17.24	20.24	3.00	34.70	160.00	Western BRX
TR-13-77	3.60	7.18	3.58	9.16	430.28	Western BRX
includes	5.08	7.18	2.10	14.40	729.00	Western BRX
TR-14-13	188.60	189.90	1.30	5.83	390.00	Eastern Klaza
and	226.70	227.70	1.00	3.78	9.85	Eastern Klaza
and	246.60	248.60	2.00	2.65	12.48	Eastern Klaza
and	285.70	286.60	0.90	2.64	3.23	Eastern Klaza
and	397.70	399.70	2.00	1.97	2.42	Eastern Klaza
TR-14-79	16.20	17.20	5.90	1.13	12.22	Western Klaza
includes	20.70	22.10	1.40	2.75	27	Western Klaza

DIAMOND DRILLING

This section summarizes drill programs completed from 2010 to 2012 and in 2014.

In 2010, diamond drilling on the Property was contracted to Top Rank Diamond Drilling Ltd. of Ste Rose du Lac, Manitoba, and was done with two, skid-mounted, diesel-powered JKS-300 drills using NTW and BTW equipment.

In 2011, diamond drilling on the Property was contracted to three companies: Swiftsure Diamond Drilling Ltd. of Nanaimo, British Columbia; Strike Diamond Drilling of Kelowna, British Columbia; and, Elite Diamond Drilling of Vernon, British Columbia. The work was done using two, skid-mounted, diesel-powered A-5 drills and one, skid-mounted, diesel-powered JKS-300 drill. The A-5 drills used HQ equipment while the JKS-300 used BTW equipment. Percussion drilling was completed by Midnight Sun Drilling Ltd. of Whitehorse, Yukon. This drilling was done using a track-mounted, diesel-powered reverse circulation percussion drill.

In 2012, diamond drilling on the Property was contracted to four companies: Swiftsure Diamond Drilling Ltd. of Nanaimo, British Columbia; Strike Diamond Drilling of Kelowna, British Columbia; Elite Diamond Drilling of Vernon, British Columbia; and, Platinum Diamond Drilling Inc. of Winnipegosis, Manitoba. The work was done using three skid-mounted, diesel-powered A-5 drills and one skid-mounted, diesel-powered JKS-300 drill. The A-5 drills used HQ and NQ equipment while the JKS-300 used BTW equipment.

Diamond drilling in 2014 was contracted to Platinum Diamond Drilling Inc. of Winnipegosis, Manitoba. The work was done using two A-5 diamond drills and one Discovery II diamond drill. The A-5 drills used HQ and NQ equipment while the Discovery II used NQ equipment.

A total of 240 diamond drill holes (56,673 m) were drilled on the Property between 2010 and 2014, as summarized in Table 7. A total of 6,199 samples were collected from drill core in 2014. Sample Handling and Analytical Procedures are described in Appendix III, while Certificates of Analysis are in Appendix IV. Geological and geotechnical logs can be found in Appendix VII.

Table 7 - 2010 to 2014 Diamond Drilling Summary

Year	Holes Drilled	Total Drilled (m)
2010	11	1,642.08
2011	52	14,068.45
2012	73	21,719.47
2013	0	0.00
2014	104	19,242.35

All diamond drill holes were collared at dips of -50° and most of the holes had azimuths of 030° to 035° (north-northeast) as shown on Figure 16. Drilling was completed on section lines spaced roughly 50 m apart along much of the lengths of both the Klaza and BRX zones. The majority of drill holes completed in 2014 were located along the Western BRX and Western Klaza zones. This drilling targeted areas of known high-grade mineralization and was designed to infill around existing drill holes in order to complete resource calculations.

The recent diamond drill programs completed by Rockhaven have successfully expanded zones of gold and silver mineralization identified by previous operators and discovered new zones elsewhere on the Property. The various zones have been traced for a cumulative mineralized strike length of more than nine kilometres.

Table 8 shows the drill confirmed strike length of each of the main zones, the maximum down-dip intercept depth in each zone and a select gold-biased drill intercept from each of the zones.

Table 8 - Data for Main Mineralized Zones

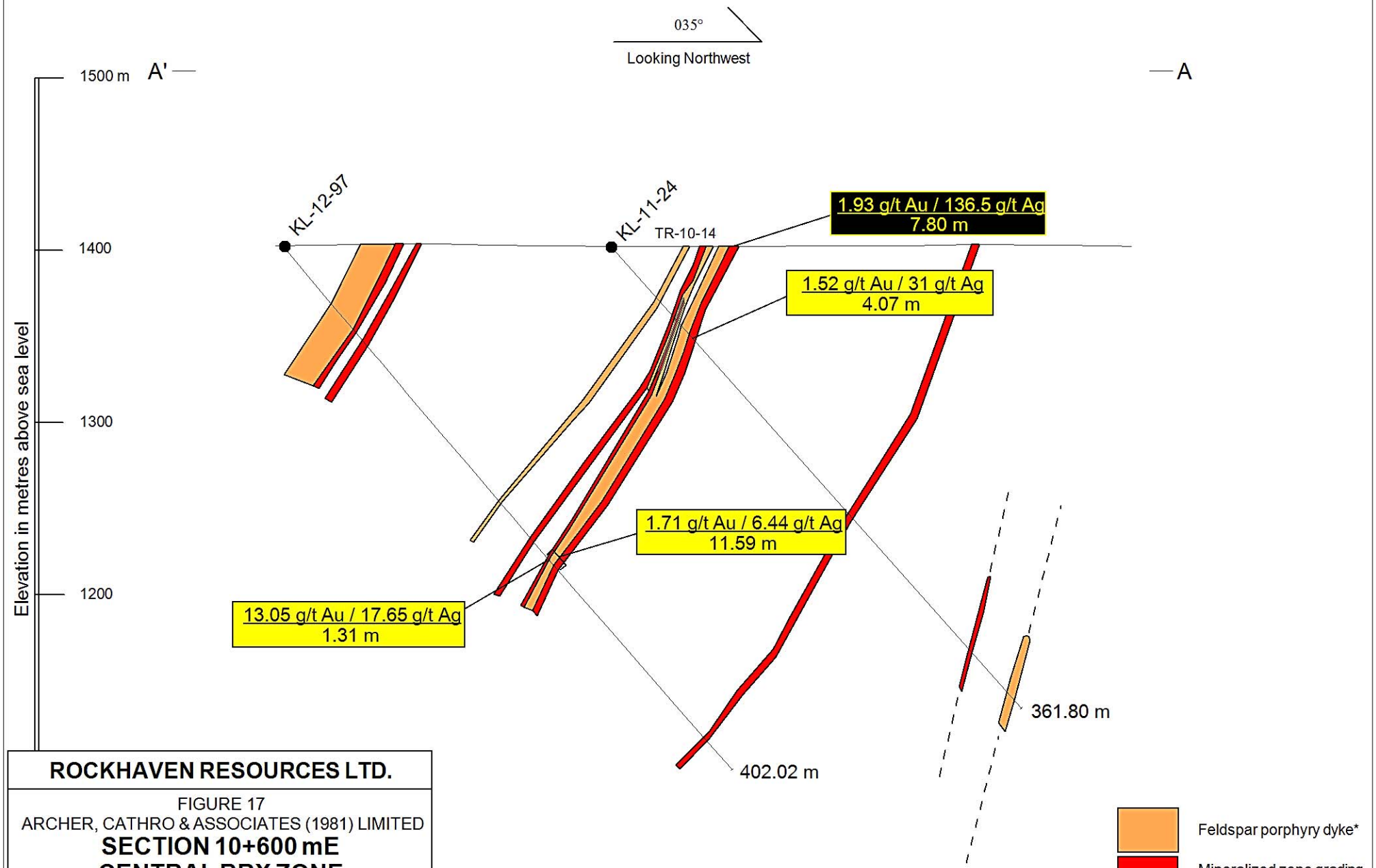
Zone	Mineralized Strike Length (m)	Maximum Down-dip Drill Intercept (m)	Best Drill Intercept (2010 to 2014 Diamond Drilling)
Western Klaza	400	250	13.75 g/t gold and 357 g/t silver over 2.11m (KL-12-115)
Central Klaza	800	325	7.20 g/t gold and 260 g/t silver over 15.30 m (KL-10-07)
Eastern Klaza	1100	180	34.10 g/t gold and 47.5 g/t silver over 1.00m (KL-12-68)
Western BRX	500	520	5.78 g/t gold and 111 g/t silver over 15.62m (KL-12-96)
Central BRX	1900	400	11.30 g/t gold and 233 g/t silver over 1.52m (KL-12-114)
Pika	740	250	32.52 g/t gold and 34.3 g/t silver over 3.36 m (KL-10-06)
AEX	1650	310	9.03 g/t gold and 27.7 g/t silver over 1.00 m (KL-12-125)
BYG	650	310	6.29 g/t gold and 342 g/t silver over 1.43 m (KL-11-63)
Dickson	450	100	7.08 g/t gold and 127 g/t silver over 1.00 m (KL-12-86)
HERC	460	310	3.39 g/t gold and 205 g/t silver over 2.28 m (KL-12-95)
Chevron	250	90	3.97 g/t gold and 95.4 g/t silver over 1.26 m (KL-12-120)
Pearl	450	100	2.09 g/t gold and 5.68 g/t silver over 2.57 m (KL-14-234)

All of the mineralized zones listed above begin at surface and are open to expansion along strike and to depth.

The **BRX Zone** has been traced for approximately 2,400 m along strike and been tested to a maximum depth of 520 m down-dip. Mineralization is associated with a laterally extensive northwest striking and moderately to steeply southwest dipping feldspar porphyry dyke. Veins occur on the margins of that dyke and, where the dyke bifurcates, the number of veins increases, which sometimes results in wider mineralized intervals.

The ***Central BRX Zone*** features veins and vein zones that are dominated by quartz, pyrite and iron-rich carbonates (ankerite and siderite). Pyrite, sphalerite and galena are the main sulphide minerals, while arsenopyrite and sulphosalts are absent, or present in only minor quantities. A type section depicting the geometry of the mineralized veining relative to the dyke is shown in Figure 17. The best intervals from the Central BRX Zone came from KL-14-197, which graded 6.76 g/t gold and 978 g/t silver over 0.73 m and KL-11-29, which returned 3.29 g/t gold and 407 g/t silver over 3.00 m.

The ***Western BRX Zone*** consists of quartz veins and vein zones that contain pyrite, arsenopyrite, galena, sphalerite, chalcopyrite and sulphosalts. Carbonate gangue facies in these veins largely



ROCKHAVEN RESOURCES LTD.

FIGURE 17
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION 10+600 mE
CENTRAL BRX ZONE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 60 120 180 m

File: 2015/Klaza/2015 Tech... | DATE: MAR 2015

comprises manganiferous carbonates. Figure 18 illustrates the geometry of the mineralization defining this zone.

The two best intercepts in the Western BRX Zone were in the deepest holes, KL-12-96 and KL-14-238. KL-12-96 intersected two veins grading 25.1 g/t gold and 621 g/t silver over 2.32 m and 10.55 g/t gold and 92.7 g/t silver over 2.90 m. When composited together with adjoining samples, the boarder interval averaged 5.78 g/t gold and 111 g/t silver over 15.62 m. KL-14-238 intersected multiple veins within an 18.5 m interval that averaged 2.19 g/t gold and 120 g/t silver. The best of the veins in that interval graded 16.29 g/t gold and 1,435 g/t silver over 1.37 m. KL-14-238 intersected the zone 200 m down-dip from the closest hole.

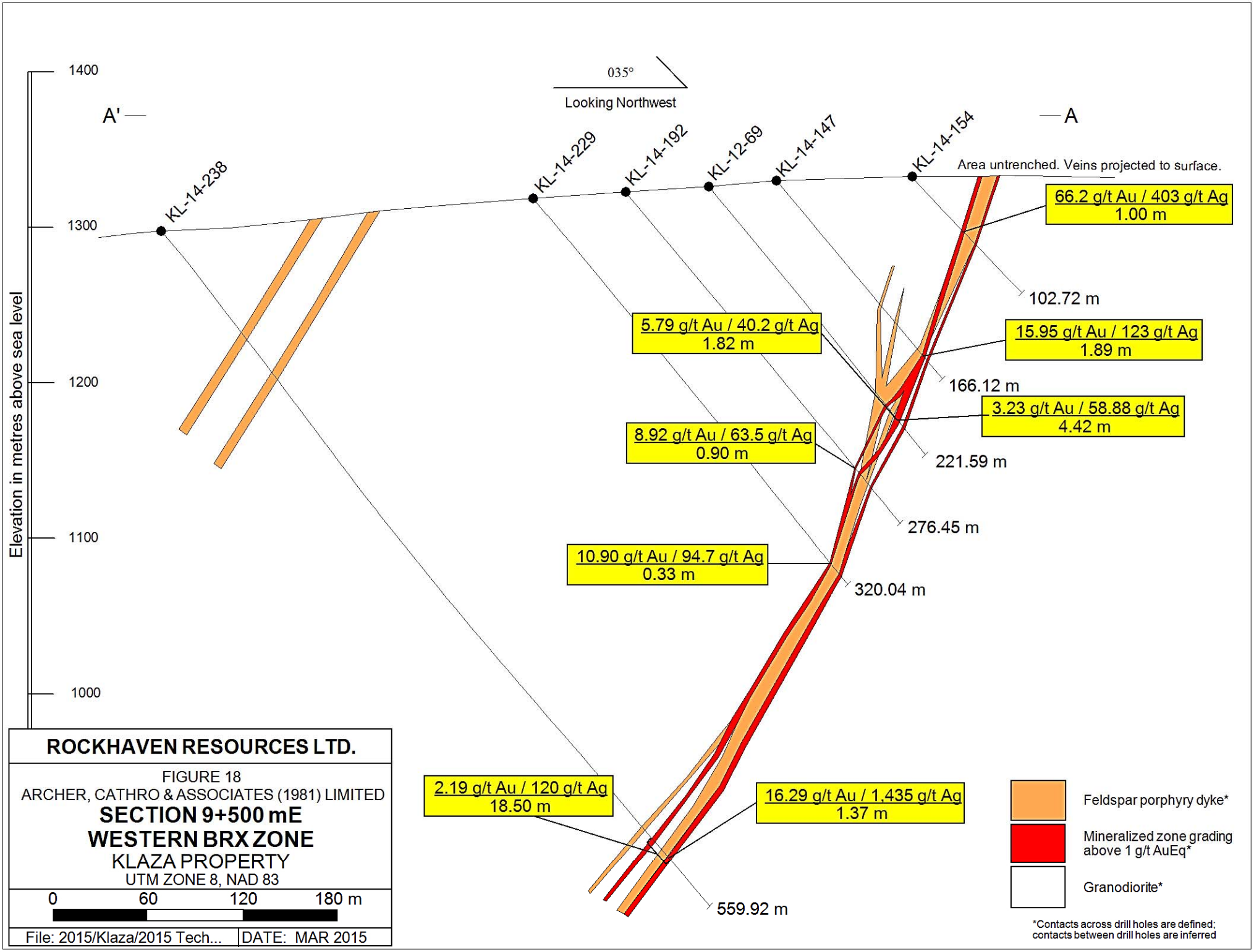
The mineralogical differences between the Western BRX and Central BRX zones suggest some degree of vertical off-set along a major cross-fault, which separates the two segments of the zone. Figure 19 is an inclined longitudinal section illustrating gold equivalent distribution using grade-thickness normalization of gold and silver values from diamond drill holes and excavator trenches located along the BRX Zone. The longitudinal section does not include significant results returned from secondary veins found in the hanging wall or footwall of the main structure. Inclined longitudinal sections illustrating separate gold and silver grade-thickness along the BRX Zone are presented on Figures 20 and 21, respectively.

The **Klaza Zone** is located about 800 m northeast of the BRX Zone. Drill holes tested along the zone on section lines spaced approximately 50 m apart. The Klaza Zone has been subdivided into three sub-zones – Eastern Klaza Zone, Central Klaza Zone and Western Klaza Zone. Each sub-zone has a distinct style of mineralization that is believed to reflect their respective distances from the hydrothermal centre. The Central and Western Klaza zones are off-set by the same cross-fault that separates the corresponding sections of the BRX Zone.

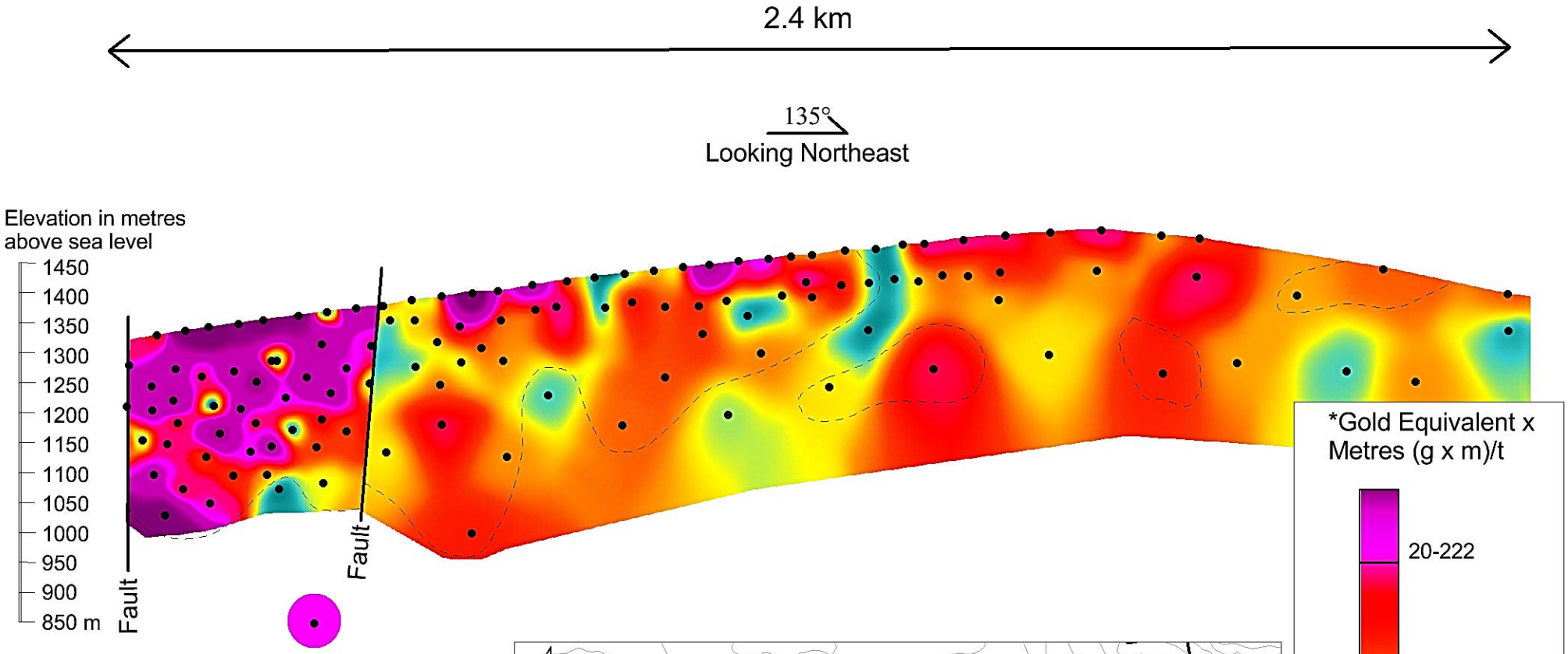
The ***Eastern Klaza Zone*** (extending east from section KL 10+500) lies closest to the hydrothermal centre and is characterized by broad gold-silver bearing veins that form a sheeted complex, possibly suitable for bulk mining methods. The mineral assemblages and precious metal contents in this area are distinguished from those of the Central Klaza zone in two ways: 1) sulphide veins are dominated by pyrite with significantly less galena and arsenopyrite; and 2) the silver-to-gold ratios are lower. The best drill result from the Eastern Klaza zone was from an interval in KL-12-121, which graded 1.43 g/t gold and 2.69 g/t silver over 18.03 m.

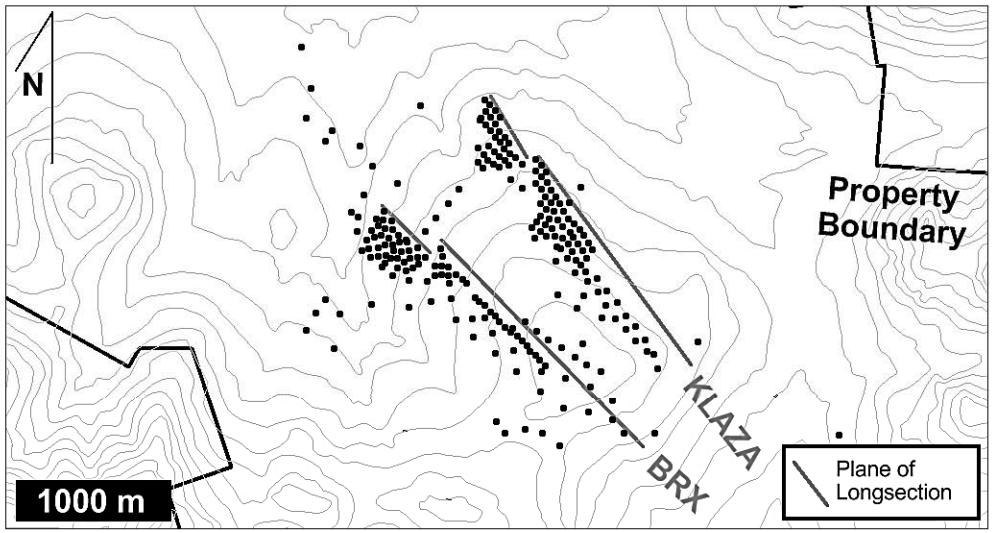
Mineralization in the ***Central Klaza* Zone** (east of section KL 9+900 m and west of section KL 10+500 m) is hosted within a laterally extensive complex of steeply dipping veins, breccias and sheeted veinlets, which are associated with a swarm of feldspar porphyry dykes. The strongest veins are typically found along dyke margins. Pyrite, arsenopyrite, galena and sphalerite are the main sulphide minerals in this sub-zone. Excellent results from this part of the Klaza Zone were reported from an interval in KL-10-07, which graded 7.20 g/t gold and 260 g/t silver over 15.30 m and an interval in KL-12-133, which graded 11.90 g/t gold and 5.23 g/t silver across 6.70 m. KL-12-133 is the deepest hole at the Klaza Zone.

The ***Western Klaza Zone*** is defined by two narrow high-grade silver-gold veins (extending west from section KL 9+900). Unlike other zones, these veins are not emplaced alongside a feldspar


1400
1300
1200
1100
1000
Elevation in metres above sea level
A'
A
035°
Looking Northwest
KL-14-238
KL-14-229
KL-14-192
KL-12-69
KL-14-147
KL-14-154
Area untrenched. Veins projected to surface.
66.2 g/t Au / 403 g/t Ag
1.00 m
102.72 m
5.79 g/t Au / 40.2 g/t Ag
1.82 m
15.95 g/t Au / 123 g/t Ag
1.89 m
166.12 m
3.23 g/t Au / 58.88 g/t Ag
4.42 m
8.92 g/t Au / 63.5 g/t Ag
0.90 m
221.59 m
276.45 m
10.90 g/t Au / 94.7 g/t Ag
0.33 m
320.04 m
2.19 g/t Au / 120 g/t Ag
18.50 m
16.29 g/t Au / 1,435 g/t Ag
1.37 m
559.92 m
Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t AuEq*
Granodiorite*
*Contacts across drill holes are defined; contacts between drill holes are inferred
ROCKHAVEN RESOURCES LTD.
FIGURE 18
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SECTION 9+500 mE
WESTERN BRX ZONE
KLAZA PROPERTY
UTM ZONE 8, NAD 83
0
60
120
180 m
File: 2015/Klaza/2015 Tech...
DATE: MAR 2015

BRX Zone





*Gold Equivalent x Metres (g x m)/t

20-222
10-20
5-10
0-5

Cross-fault

Intersection point in drill hole and trench

Approximate extent of the mineral resource at 1.5 g/t gold cut-off

* Gold Equivalent calculated using $1200 per oz gold and $20 per oz silver and assumes 100% recovery

ROCKHAVEN RESOURCES LTD.

FIGURE 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Gold Equivalent Grade-Thickness Inclined Longitudinal Section BRX Zone

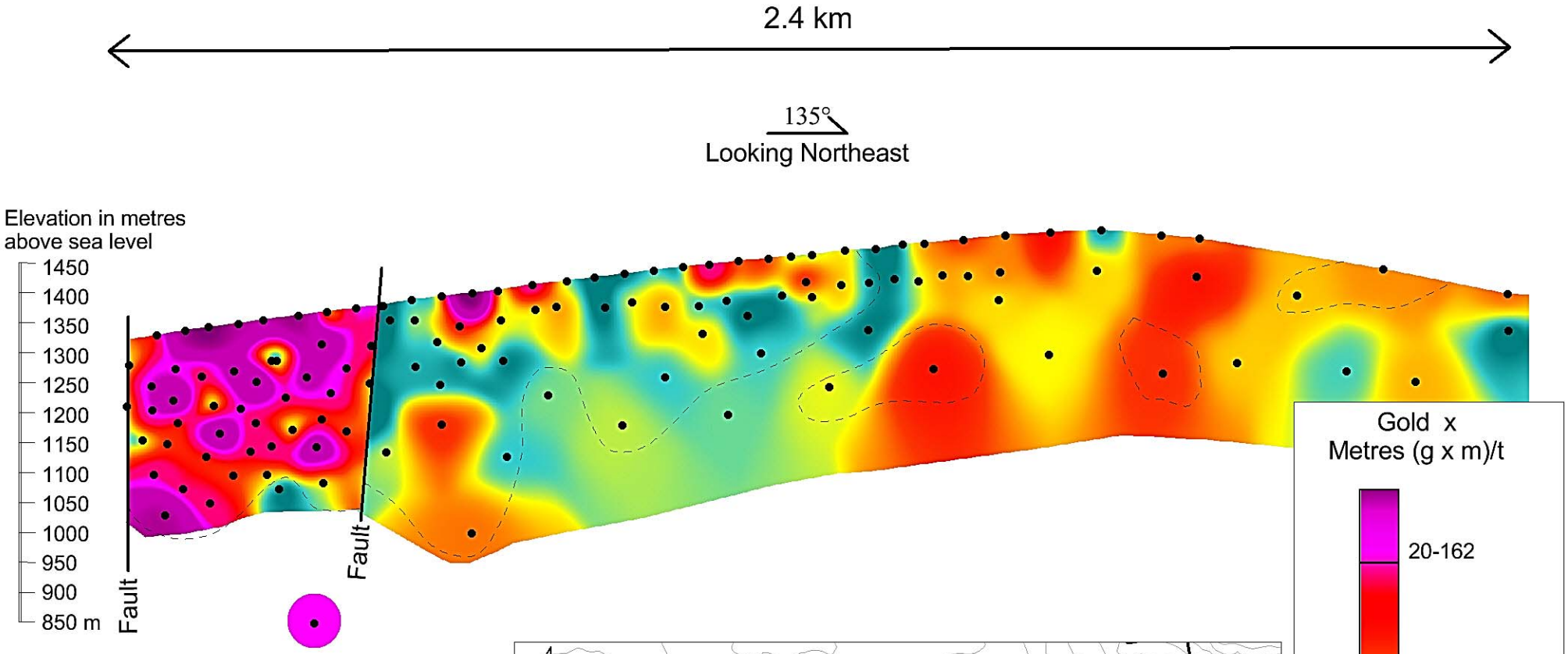
KLAZA PROPERTY

0 100 200 300 400 500 m

UTM ZONE 8, NAD 83

FILE: ...Klaza\2015 Klaza Technical Report | DATE: MAR 2015

BRX Zone



ROCKHAVEN RESOURCES LTD.

FIGURE 20

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Gold Grade-Thickness
Inclined Longitudinal Section
BRX Zone

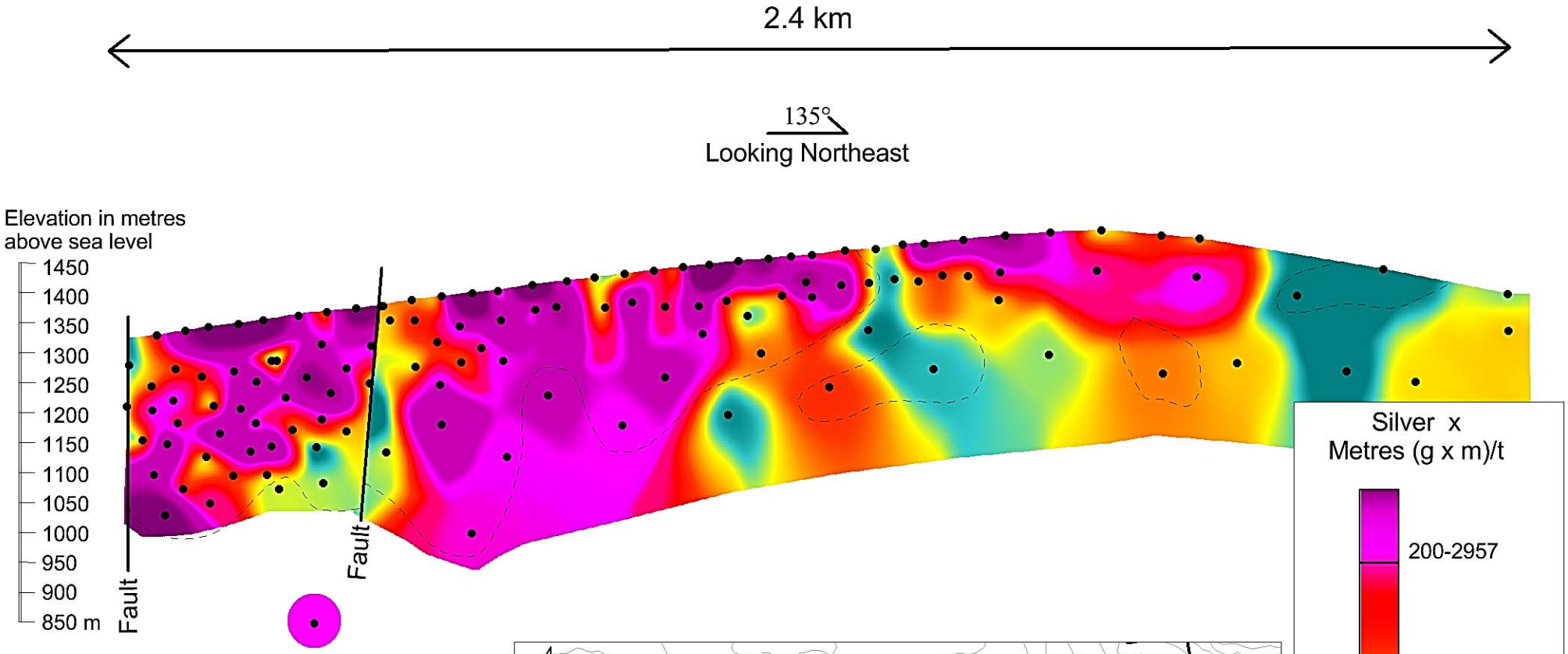
KLAZA PROPERTY

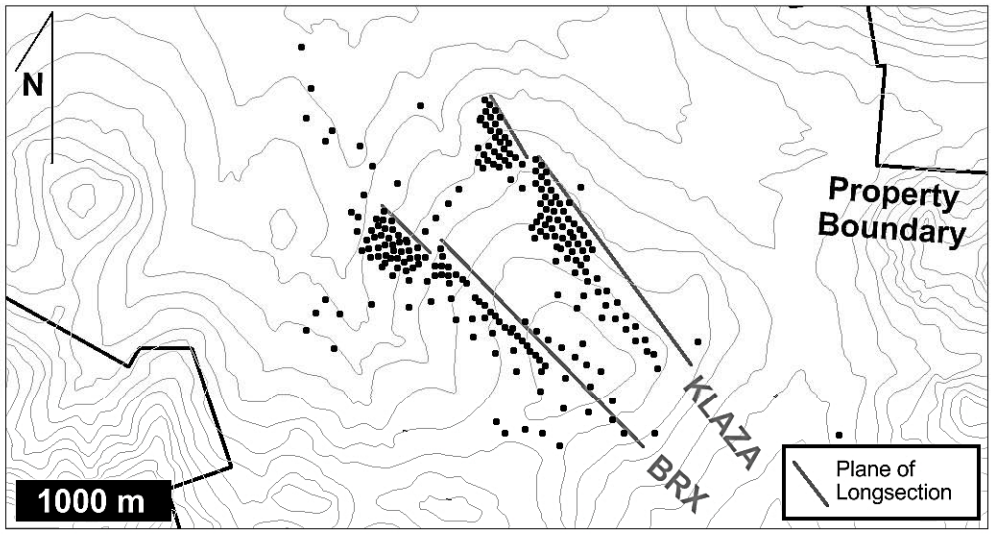
0 100 200 300 400 500 m

UTM ZONE 8, NAD 83

FILE: ...Klaza\2015 Klaza Technical Report | DATE: MAR 2015

BRX Zone





Silver x
Metres (g x m)/t

200-2957

100-200

50-100

0-50

Cross-fault

Intersection point in drill hole and trench

Approximate extent of the mineral resource at 1.5 g/t gold cut-off

ROCKHAVEN RESOURCES LTD.

FIGURE 21

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Silver Grade-Thickness
Inclined Longitudinal Section
BRX Zone

KLAZA PROPERTY

0 100 200 300 400 500 m

UTM ZONE 8, NAD 83

FILE: ...Klaza\2015 Klaza Technical Report | DATE: MAR 2015

porphyry dyke and they are not flanked by the type of sheeted veining seen elsewhere in the Klaza Zone. The mineral assemblages in the Western Klaza Zone contain higher proportions of arsenopyrite and sulphosalts than are common further east in the Klaza Zone, and silver to gold ratios are higher. Some of the best drill results from this area were cut in KL-12-115 and KL-14-220. KL-12-115 returned 4.51 g/t gold and 332 g/t silver across 7.12 m, including 13.75 g/t gold and 357 g/t silver across 2.11 m. An interval in KL-14-220 graded 15.38 g/t gold and 741 g/t silver across 1.46 m.

Type sections for the Central Klaza and Western Klaza zones are shown on Figures 22 and 23, respectively.

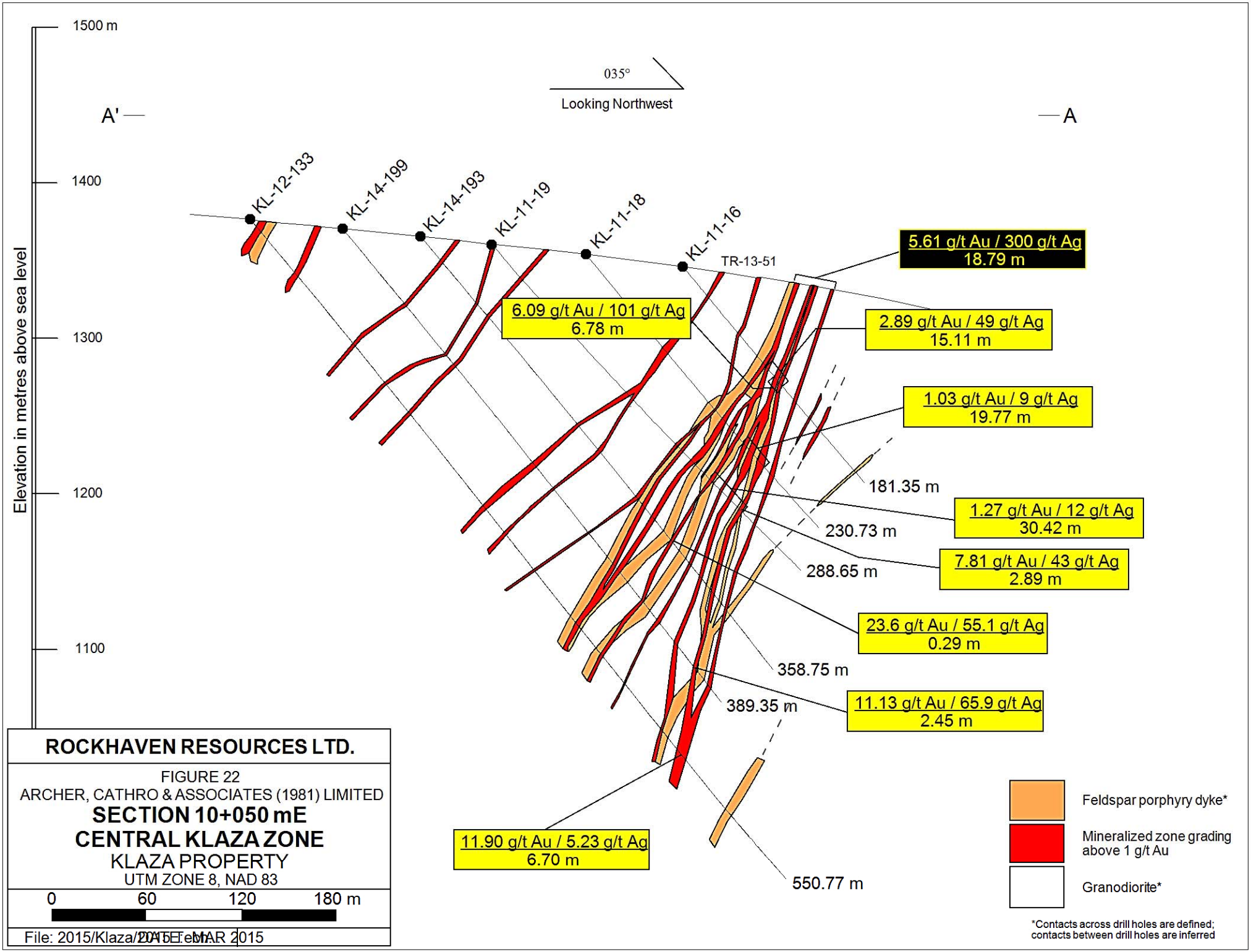
Figure 24 is an inclined longitudinal section demonstrating the gold equivalent distribution using grade-thickness normalization from diamond drill holes and excavator trenches located along the Klaza Zone. The longitudinal section does not include significant results returned from secondary veins found in the hanging wall or footwall of the main structure. Inclined longitudinal sections illustrating separate gold and silver grade-thicknesses along the Klaza Zone are presented on Figures 25 and 26, respectively.

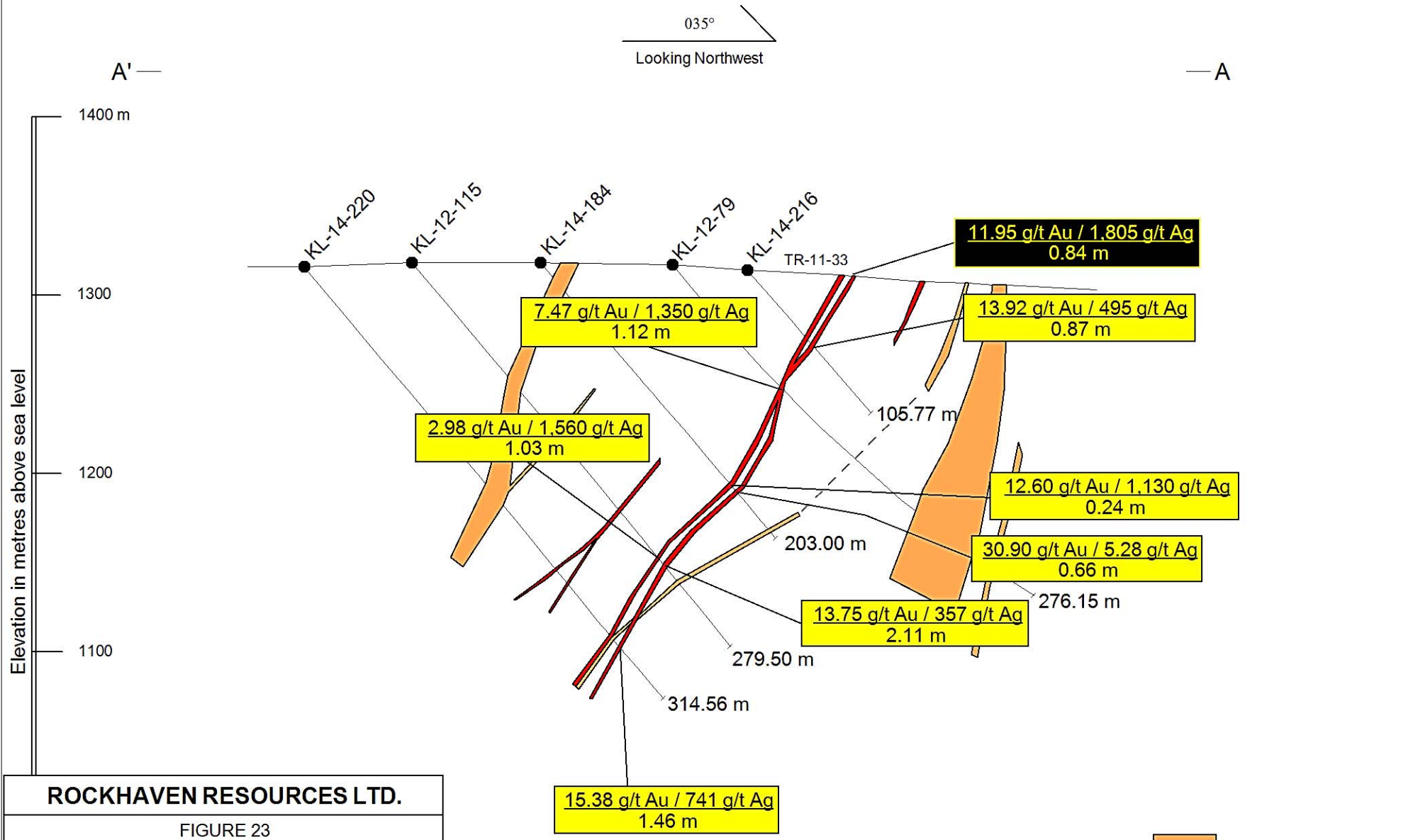
The **BYG** zone is parallel to the Klaza Zone, 125 m to the south. The central portion parallels the Central Klaza Zone and has been traced for 650 m before it converges into the Eastern Klaza zone. No work has been done along the possible eastern extension of this zone to determine if the BYG structure coalesces with the Klaza structure or cuts through it and continues to the east. The western portion of the BYG zone parallels the Western Klaza Zone. It was discovered in 2014 and has been traced for 650 m along strike.

The ***Central BYG Zone*** is associated with a series of siliceous, brown feldspar porphyry dykes. Sixteen diamond drill holes intersected the zone between 2010 and 2012, and all cut significant mineralization. The best intercepts graded 4.57 g/t gold with 51.6 g/t silver across 3.97 m and 6.29 g/t gold with 342 g/t silver across 1.43 m. Only two diamond drill holes have intersected the ***Western BYG Zone***. The best intercept graded 11.22 g/t gold with 10.6 g/t silver over 1.68 m in hole KL-14-224. This zone is open for extension along strike and at depth.

The **Herc** zone has only been tested by two diamond drill holes spaced 300 m apart. These holes were originally designed to intersect the Pika zone but after crossing it were extended to reach the Herc zone. Both holes cut vein style mineralization, approximately 300 m downdip of trench exposures. The best result from drilling was an interval that graded 3.39 g/t gold and 205 g/t silver over 2.28 m.

In 2012, exploration around the **Pika** zone expanded an area of mineralization intersected in KL-10-006 and KL-10-09 during the 2010 program. Eight diamond drill holes were completed in 2012, seven of which intersected significant mineralization. The Pika zone has demonstrated good continuity in widely-spaced drilling, over a strike length of 740 m and to a depth of 250 m. The best mineralization intersected came from an interval in KL-12-114, which graded 2.25 g/t gold and 40 g/t silver across 12.58 m, including sub-intervals of 9.55 g/t gold and 137 g/t silver over 1.00 m and 11.3 g/t gold and 233 g/t silver over 1.52 m.


1500 m
1400
1300
1200
1100
Elevation in metres above sea level
035°
Looking Northwest
A'
A
KL-12-133
KL-14-199
KL-14-193
KL-11-19
KL-11-18
KL-11-16
TR-13-51
5.61 g/t Au / 300 g/t Ag
18.79 m
6.09 g/t Au / 101 g/t Ag
6.78 m
2.89 g/t Au / 49 g/t Ag
15.11 m
1.03 g/t Au / 9 g/t Ag
19.77 m
181.35 m
1.27 g/t Au / 12 g/t Ag
30.42 m
230.73 m
7.81 g/t Au / 43 g/t Ag
2.89 m
288.65 m
23.6 g/t Au / 55.1 g/t Ag
0.29 m
358.75 m
389.35 m
11.13 g/t Au / 65.9 g/t Ag
2.45 m
11.90 g/t Au / 5.23 g/t Ag
6.70 m
550.77 m
Feldspar porphyry dyke*
Mineralized zone grading above 1 g/t Au
Granodiorite*
*Contacts across drill holes are defined; contacts between drill holes are inferred
ROCKHAVEN RESOURCES LTD.
FIGURE 22
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SECTION 10+050 mE
CENTRAL KLAZA ZONE
KLAZA PROPERTY
UTM ZONE 8, NAD 83
0
60
120
180 m
File: 2015/Klaza/2015Fig.mxd
DATE: MAR 2015



ROCKHAVEN RESOURCES LTD.

FIGURE 23
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SECTION 9+500 mE
WESTERN KLAZA ZONE
KLAZA PROPERTY
UTM ZONE 8, NAD 83

0 60 120 180 m

File: 2015/Klaza/2015 Tech... | DATE: MAR 2015

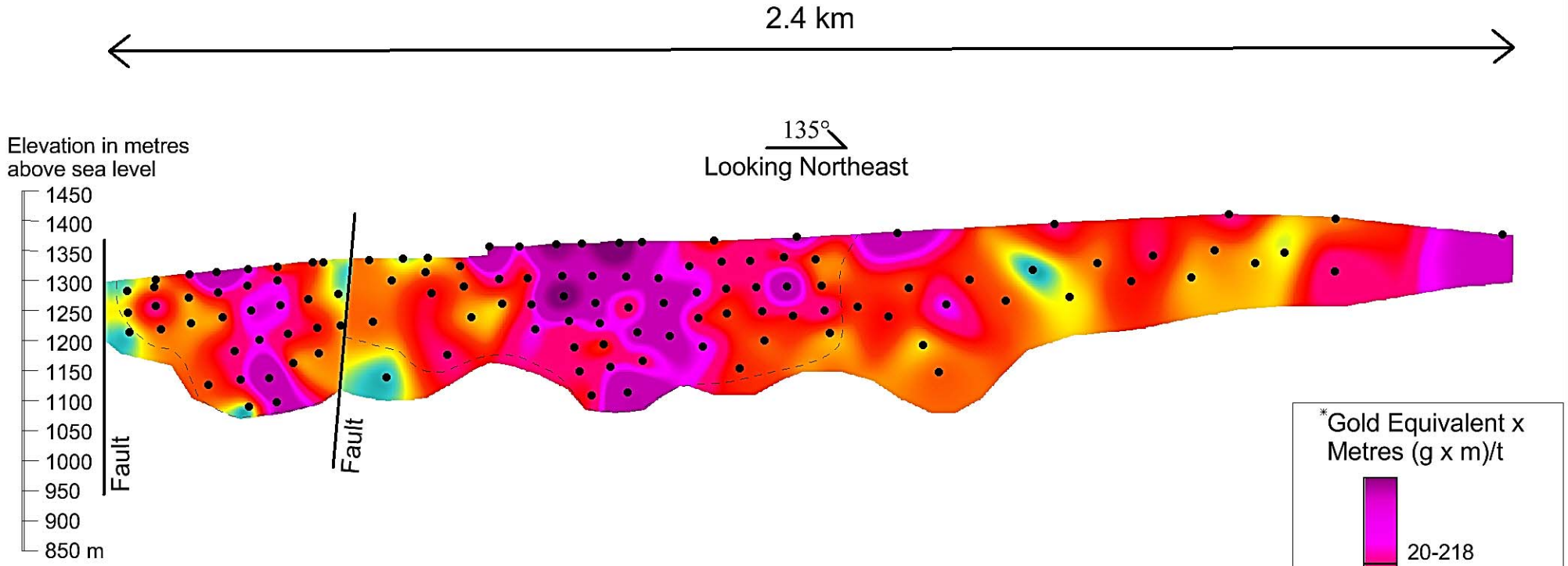
Feldspar porphyry dyke*

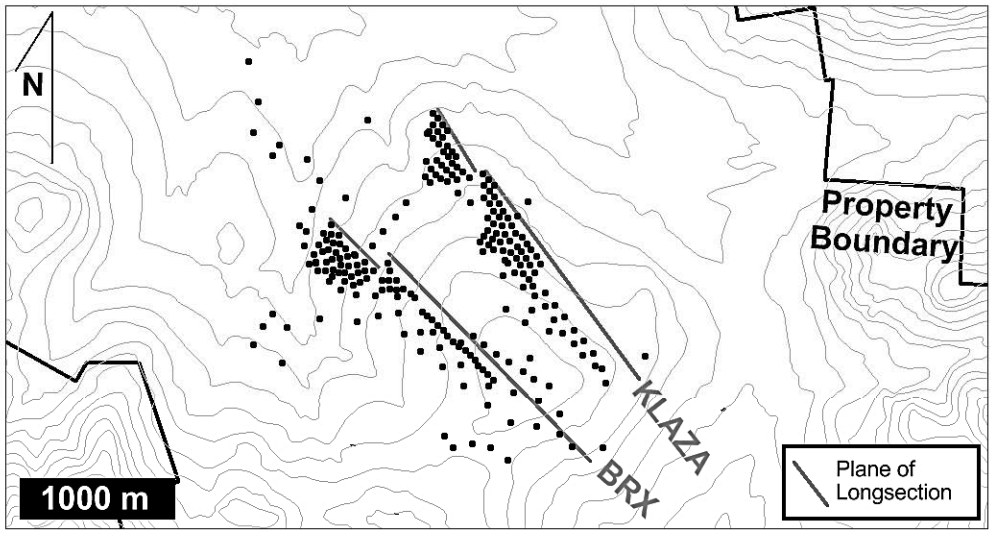
Mineralized zone grading above 1 g/t Au

Granodiorite*

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

Klaza Zone





*Gold Equivalent x Metres (g x m)/t

20-218

10-20

5-10

0-5

Cross-fault

Intersection point in drill hole and trench

Approximate extent of the mineral resource at 1.5 g/t gold cut-off

* Gold Equivalent calculated using $1200 per oz gold and $20 per oz silver and assumes 100% recovery

ROCKHAVEN RESOURCES LTD.

FIGURE 24

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Gold Equivalent Grade-Thickness Inclined Longitudinal Section Klaza Zone

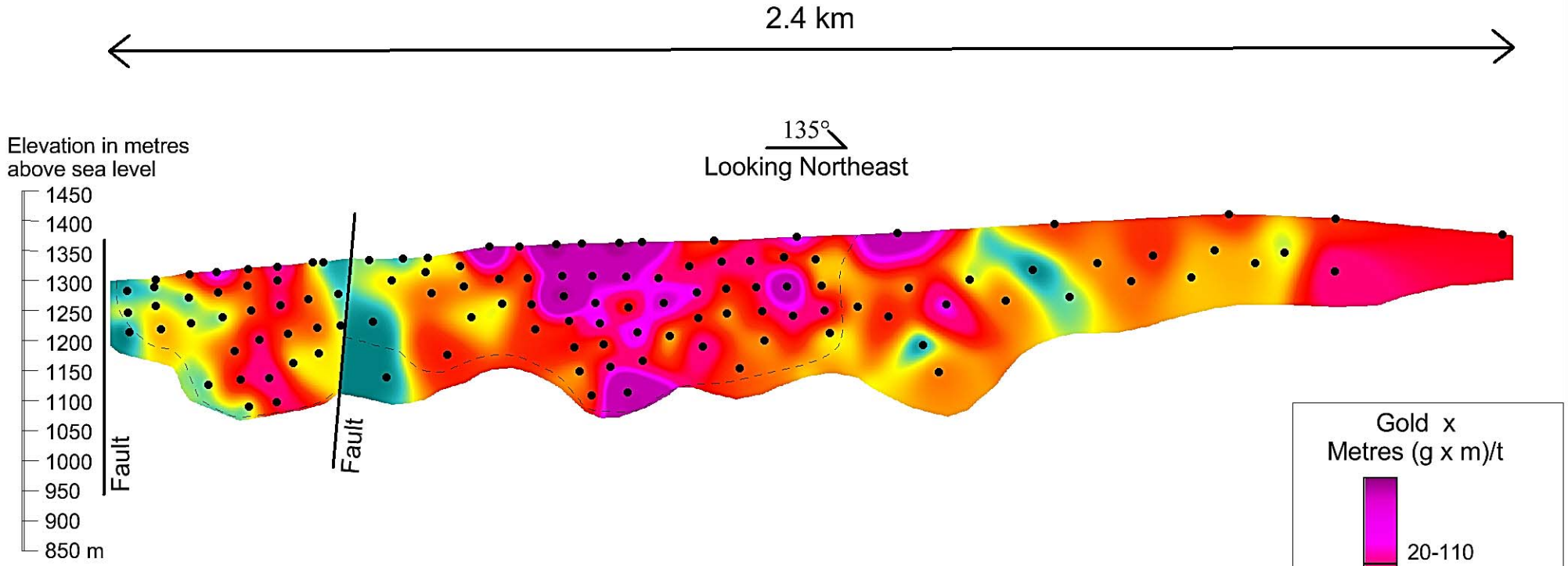
KLAZA PROPERTY

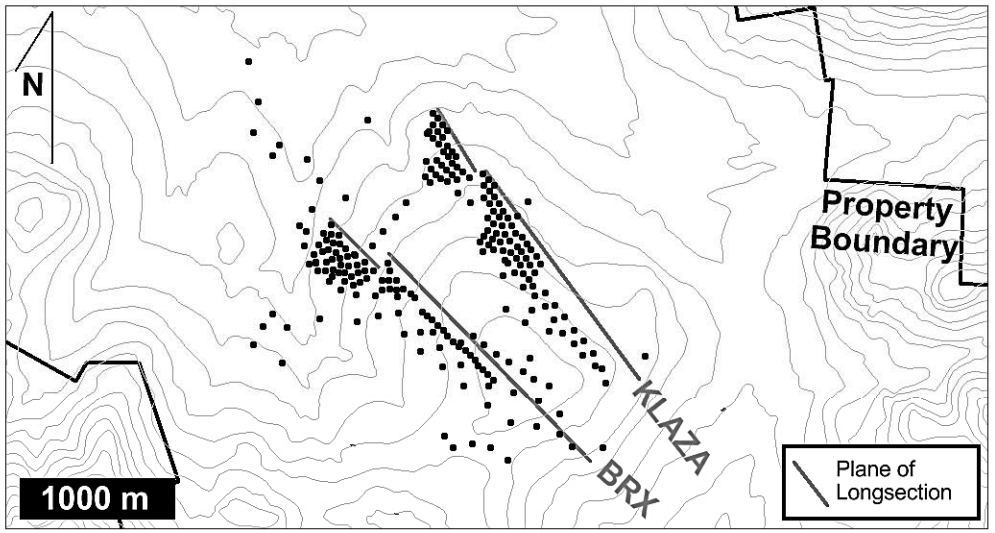
0 100 200 300 400 500 m

UTM ZONE 8, NAD 83

FILE: ...Klaza\2015 Klaza Technical Report | DATE: MAR 2015

Klaza Zone





Gold x
Metres (g x m)/t

20-110

10-20

5-10

0-5

Cross-fault

Intersection point in drill hole and trench

Approximate extent of the mineral resource at 1.5 g/t gold cut-off

ROCKHAVEN RESOURCES LTD.

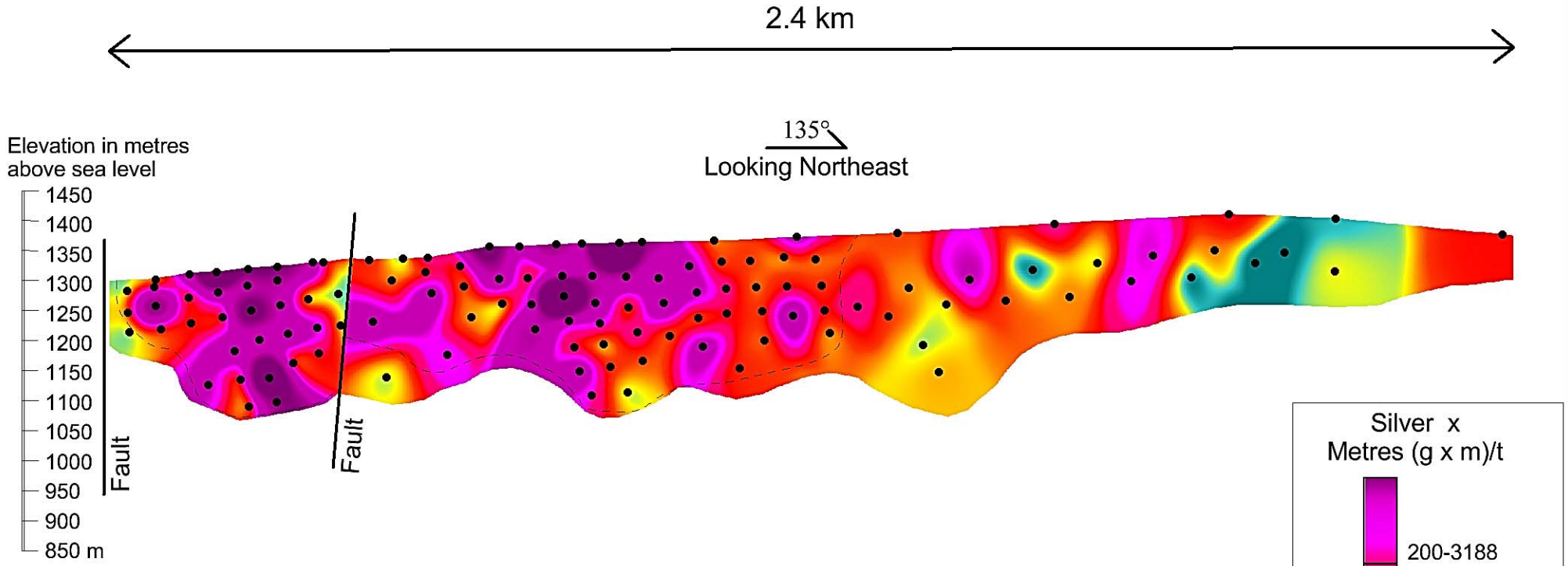
FIGURE 25
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

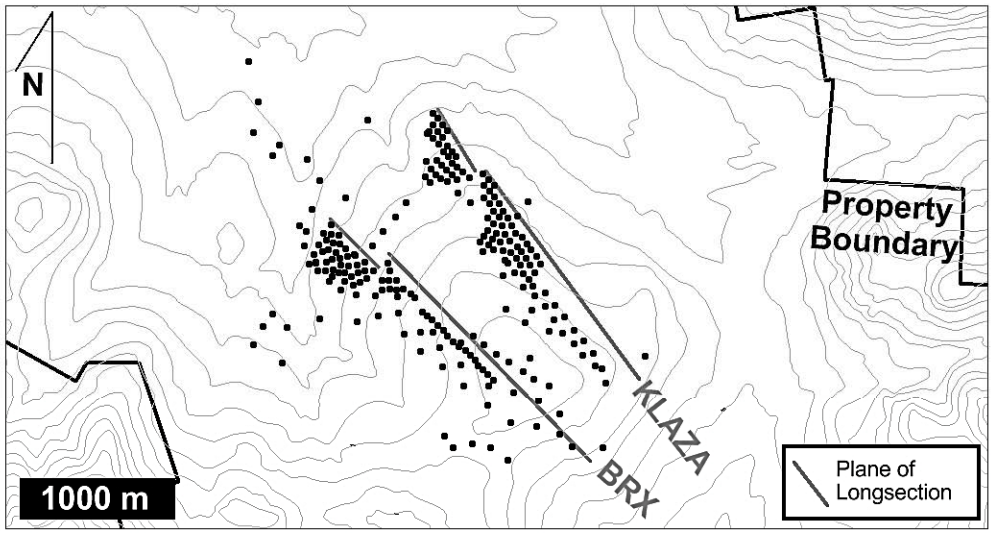
Gold Grade-Thickness
Inclined Longitudinal Section
Klaza Zone
KLAZA PROPERTY

0 100 200 300 400 500 m
UTM ZONE 8, NAD 83

FILE: ...Klaza\2015 Klaza Technical Report | DATE: MAR 2015

Klaza Zone





Silver x
Metres (g x m)/t

200-3188

100-200

50-100

0-50

Cross-fault

Intersection point in drill hole and trench

Approximate extent of the mineral resource at 1.5 g/t gold cut-off

ROCKHAVEN RESOURCES LTD.

FIGURE 26
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Silver Grade-Thickness
Inclined Longitudinal Section
Klaza Zone
KLAZA PROPERTY

0 100 200 300 400 500 m
UTM ZONE 8, NAD 83

FILE: ...Klaza\2015 Klaza Technical Report | DATE: MAR 2015

The **AEX** zone is located approximately 150 to 200 m south of the BRX zone. It is one of the largest zones on the property with a drill indicated strike length of 1,650 m. The best drill intercept from the AEX zone came from KL-12-091, which graded 9.03 g/t gold and 27.7 g/t silver over 1.00 m.

The **Dickson** zone has been tested by eight holes in two areas located approximately 1,500 m apart. These drilled areas lie within the same 3,000 m long, geophysical and multi-element soil geochemical anomaly. The deepest intercept on the Dickson zone is 100 m downdip of surface and returned 7.08 g/t gold and 127 g/t silver over 1.00 m. Additional drilling needs to be done between the two areas of mineralization to confirm continuity along the anomalous trend.

The **Chevron** zone hosts multiple vein structures that have only been tested by two diamond drill holes and one excavator trench over a 250 m strike length in the western part of the zone, and one trench 1600 m to the east. The best drill intercept returned 3.97 g/t gold and 95.4 g/t silver across 1.26 m.

Significant diamond drill hole intersections from the 2010 to 2012 and 2014 diamond drill programs are shown in Appendix VIII.

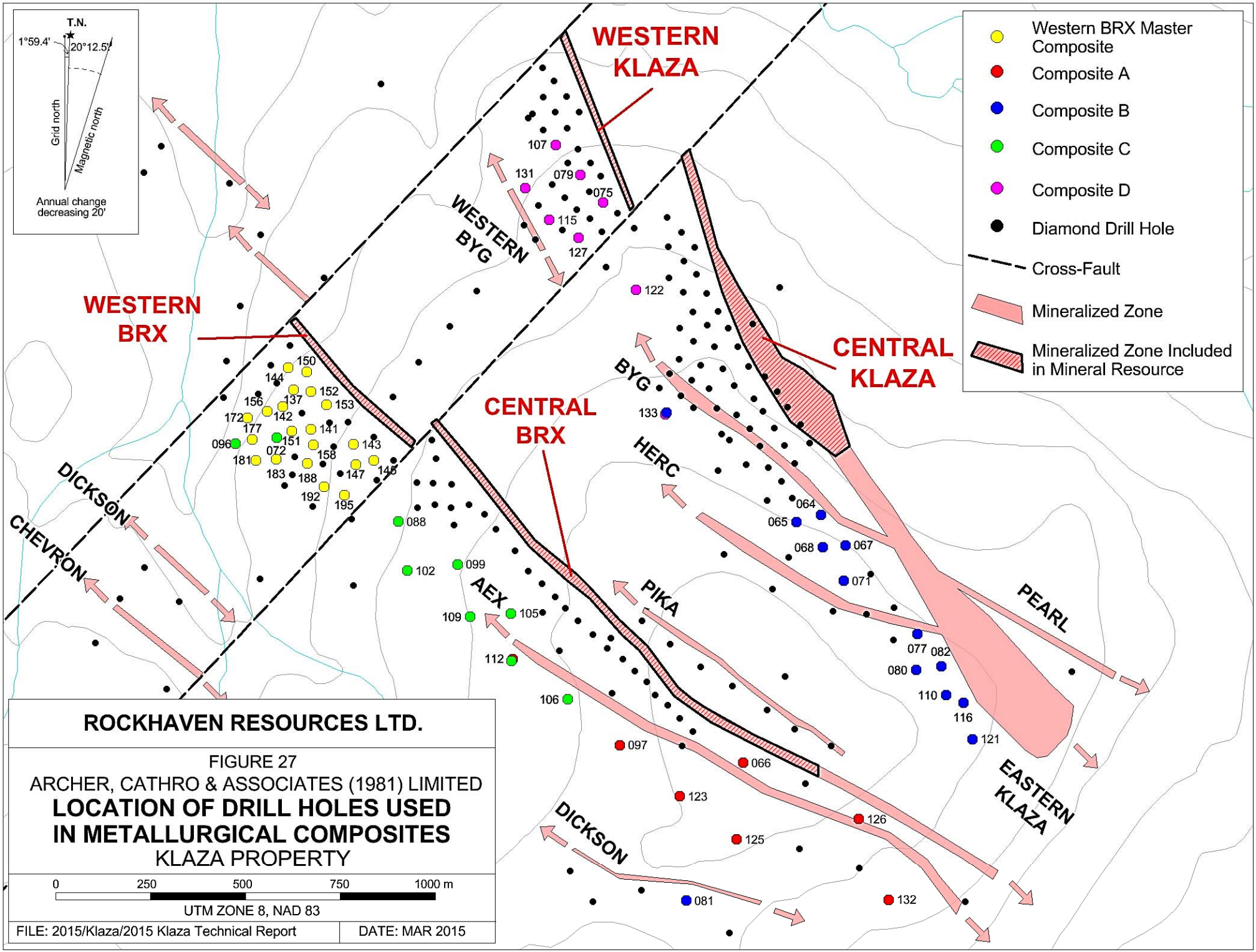
MINERAL PROCESSING AND METALLURGICAL TESTING

Preliminary mineralogical and metallurgical testwork has been conducted on samples from parts of the Klaza Deposit. This testwork has occurred in two phases, with the first phase examining material from four composites assembled from coarse rejects of drill core collected from the BRX and Klaza zones during the 2012 drill program, and the second phase focusing on a single composite sample consisting from coarse rejects of drill core from 2014 drilling at the Western BRX Zone. Figure 27 shows the location of drill holes that were used to create the 2014 composite.

Work has been primarily conducted by SGS Canada Ltd. (GSC) and has been overseen by Archer Cathro or Blue Coast Metallurgy Ltd. (Blue Coast). The two test programs have included quantitative mineralogical examination, gravity recovery, cyanide leaching, and flotation testing.

Mineralogical information gleaned from a Quantitative Evaluation of Minerals by Scanning Electron Microscopy (QEMSCAN) study indicates that gold is present as discrete mineralization, both free and locked in sulphides, and in solid solution in arsenopyrite and pyrite. A Dynamic Secondary Ion Mass Spectrometry (D-SIMS) study found that sub-microscopic gold occurs at elevated grades in the arsenopyrite mineral lattice, suggesting arsenopyrite is the primary host of the refractory gold component. Silver appears to be mostly present as coarse-grained and well liberated tetrahedrite.

Gold recoveries by gravity ranged from 13 to 30% in testwork conducted down to 100 microns. The remaining discrete gold in these samples is either too fine for gravity recovery, or mostly associated with sulphides.



ROCKHAVEN RESOURCES LTD.

FIGURE 27

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LOCATION OF DRILL HOLES USED IN METALLURGICAL COMPOSITES

KLAZA PROPERTY

FILE: 2015/Klaza/2015 Klaza Technical Report | DATE: MAR 2015

Preliminary cyanide leach tests on material from the area delineated by the current mineral resource yielded gold recoveries ranging from 21% to 42%. Silver extractions by cyanide ranged from 10% to 32%.

The mineralization responded very well to flotation concentration. Flotation testing has focused on recovery of base metal concentrates. Work conducted in the second phase of testing, on a composite sample from the Western BRX Zone, has led to development of a promising preliminary flowsheet. Batch cleaner tests have produced a lead concentrate grading 45% lead, 5,650 g/t silver, and 308 g/t gold with recoveries of 79%, 67% and 46% respectively. Zinc flotation has yielded a concentrate grading 45% zinc, 27 g/t gold, and 617 g/t silver, with recoveries of 76%, 6% and 10% respectively.

Significant amounts of gold, silver, and base metals report to middling products, including an arsenopyrite-rich concentrate with elevated gold grades. Overall recoveries would be expected to improve in future locked cycle tests. Based on the testwork conducted to date, it is projected that overall gold recoveries would be in the range of 75% to 85%. Silver recovery to the lead concentrate would be in the range of 65% to 80%, while up to 10% to 20% may report to the zinc concentrate. Lead recoveries would be in the order of 80% to 90%, and zinc recoveries are projected to be 75% to 85%.

Further details pertaining to the metallurgical testwork can be found in the technical report entitled "Geology, Mineralization, Geochemical Surveys, Geophysical Surveys, Diamond and Percussion Drilling, Metallurgical Testing and Mineral Resources" prepared by W.A. Wengzynowski, P.Eng., of Skivik Holding Co. Ltd., G.H. Giroux, M.A.Sc., P.Eng., of Giroux Consultants Ltd. and C.J. Martin, C.Eng., of Blue Coast Metallurgy Ltd.

MINERAL RESOURCE ESTIMATE

The inferred mineral resource for the western and central portions of the Klaza and BRX zones total 7,040,000 t grading 4.19 g/t gold, 96.23 g/t silver, 0.78% lead, 0.93% zinc and 0.09% copper. This mineral resource is stated above a 1.5 g/t gold cut-off grade. A summary of inferred mineral resources at various cut-off grades is provided in Table 9.

Table 9 - Inferred Resource at Varying Gold Cut-off Grades

Cut-off Au (g/t)	Tonnes > Cut-off (tonnes)	Grade > Cut-off				
		Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)
1.00	9,060,000	3.54	84.78	0.69	0.84	0.09
1.20	8,270,000	3.77	89.49	0.73	0.88	0.09
1.50	**7,040,000**	**4.19**	**96.23**	**0.78**	**0.93**	**0.09**
1.80	6,090,000	4.59	101.58	0.82	0.96	0.09
2.00	5,620,000	4.81	104.64	0.83	0.97	0.10
2.50	4,610,000	5.38	113.31	0.88	1.01	0.10
3.00	3,830,000	5.91	120.54	0.90	1.02	0.11

4.00	2,420,000	7.40	143.73	1.02	1.12	0.13
5.00	1,750,000	8.52	155.43	1.04	1.15	0.14

The mineral resource estimation was completed by Gary Giroux, P.Eng., M.A.Sc. (Giroux Consultants Ltd.) who is a Qualified Person (QP) and independent of Rockhaven, based on the criteria defined by National Instrument 43-101.

Data generated during drill programs conducted between 2010 and 2014 at the Property by Rockhaven were independently reviewed by Giroux Consultants Ltd. as part of the resource study. The mineral resource estimate was initiated by constructing a wire-frame 3D solid model in "GEMS". Solids were manually digitized from the available drill data and were used to constrain the interpolation of mineralization. The model was constructed based upon structural controls, lithological boundaries and mineralogical domains. Twelve solids were created, each representing a separate mineralogical domain and defining high-grade vein mineralization in each zone.

Drill holes were "passed through" these geologic solids with the entry and exit points recorded. Using this information, the assays were "back tagged" with different codes, representing which solid they were within. Of the 240 diamond drill holes completed to date, 178 intersected one or more mineralized solids and were used to calculate the resource.

A rotated block model with blocks 5 x 10 x 5 m in dimension was superimposed over the mineralized solids. For each block, the percentage below surface topography within overburden and within each of the mineralized solids were recorded.

The bulk density of individual blocks was determined using 1,639 assay intervals with corresponding density data. Mineralized portions of blocks were assigned a bulk density based on the combined estimated grades of lead, zinc, copper and iron.

Uniform two metre long, down-hole composites were produced to honor the mineralized solids. Grades for the elements of interest were interpolated into blocks containing mineralized solids using Ordinary Kriging. The kriging exercise was completed in a series of four passes. Appropriate block model validation techniques for resource estimation at this stage of project development were applied.

Tables 10 through 13 present the grade-tonnage results at a series of gold cut-offs for the material within the Western BRX, Central BRX, Western Klaza and Central Klaza mineralized domains. These results assume one could mine to the limits of the solid with no external dilution.

Table 10 - Mineralized Solids of Western BRX – Classed Inferred

Cut-off Au (g/t)	Tonnes > Cut-off (tonnes)	Grade > Cut-off				
		Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)
1.00	1,450,000	7.59	103.04	0.86	1.03	0.14
1.20	1,410,000	7.77	105.50	0.88	1.05	0.14
1.50	**1,380,000**	**7.91**	**107.37**	**0.89**	**1.07**	**0.14**
1.80	1,340,000	8.08	109.59	0.91	1.08	0.14
2.00	1,300,000	8.25	111.89	0.92	1.10	0.15
2.50	1,220,000	8.67	117.57	0.96	1.14	0.16
3.00	1,140,000	9.10	123.58	1.01	1.17	0.17
4.00	990,000	9.93	134.44	1.09	1.24	0.19
5.00	890,000	10.57	143.83	1.16	1.30	0.20

Table 11 - Mineralized Solids of Central BRX – Classed Inferred

Cut-off Au (g/t)	Tonnes > Cut-off (tonnes)	Grade > Cut-off				
		Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)
1.00	3,320,000	2.11	91.33	0.72	0.81	0.12
1.20	2,850,000	2.28	100.89	0.80	0.88	0.13
1.50	**2,140,000**	**2.58**	**115.52**	**0.92**	**0.94**	**0.14**
1.80	1,540,000	2.95	131.98	1.05	1.01	0.15
2.00	1,310,000	3.14	139.17	1.07	1.04	0.16
2.50	900,000	3.56	156.58	1.18	1.08	0.18
3.00	680,000	3.83	155.18	1.12	0.97	0.19
4.00	240,000	4.87	206.44	1.51	0.95	0.25
5.00	78,000	5.74	174.24	1.27	0.60	0.20

Table 12 - Mineralized Solids of Western Klaza – Classed Inferred

Cut-off Au (g/t)	Tonnes > Cut-off (tonnes)	Grade > Cut-off				
		Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)
1.00	519,000	5.97	246.39	0.74	0.89	0.03
1.20	519,000	5.97	246.47	0.74	0.89	0.03
1.50	**515,000**	**6.00**	**247.59**	**0.75**	**0.90**	**0.03**
1.80	503,000	6.11	249.92	0.76	0.91	0.03
2.00	502,000	6.11	250.00	0.76	0.91	0.03
2.50	501,000	6.12	250.14	0.76	0.91	0.03
3.00	490,000	6.20	251.58	0.76	0.92	0.03
4.00	426,000	6.60	257.57	0.79	0.95	0.03
5.00	384,000	6.82	262.83	0.81	0.95	0.03

Table 13 - Mineralized Solids of Central Klaza – Classed Inferred

Cut-off Au (g/t)	Tonnes > Cut-off (tonnes)	Grade > Cut-off				
		Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)
1.00	3,780,000	2.90	49.86	0.60	0.78	0.05
1.20	3,490,000	3.05	50.44	0.62	0.81	0.05
1.50	**3,010,000**	**3.32**	**51.59**	**0.65**	**0.86**	**0.05**
1.80	2,710,000	3.51	52.81	0.66	0.87	0.05
2.00	2,510,000	3.64	53.68	0.68	0.88	0.05
2.50	1,990,000	4.00	56.67	0.72	0.93	0.05
3.00	1,530,000	4.38	60.64	0.77	0.96	0.06
4.00	760,000	5.35	71.66	0.91	1.10	0.07
5.00	400,000	6.13	74.32	0.93	1.15	0.08

A detailed description of the methodology used to calculate the current mineral resource can be found in the technical report entitled "Geology, Mineralization, Geochemical Surveys, Geophysical Surveys, Diamond and Percussion Drilling, Metallurgical Testing and Mineral Resources" prepared by W.A. Wengzynowski, P.Eng., of Skivik Holding Co. Ltd., G.H. Giroux, M.A.Sc., P.Eng., of Giroux Consultants Ltd. and C.J. Martin, C.Eng., of Blue Coast Metallurgy Ltd.

DISCUSSION AND CONCLUSIONS

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

The Property hosts a significant gold-silver deposit within a 100% owned road-accessible claim block. The current mineral resource is defined within the central and western portions of the BRX and Klaza zones, which are two of nine main mineralized structures identified on the Property to date.

Although mineralization at the Property appears to be quite complex, the continuity of the BRX and Klaza zones is remarkably planar and cohesive both laterally and vertically. Gold and silver distribution varies throughout the system, with the highest values for both metals mostly clustered within the western parts of the BRX and Klaza zones.

Mineralogical and metallurgical work on samples of sulphide material taken from the various zones comprising this resource has shown that gold occurs in multiple forms: as discrete (free) grains, as electrum, and as refractory gold predominantly in arsenopyrite. Silver occurs primarily as tetrahedrite, but is also found as electrum and other silver sulphide compounds. Base metal mineralogy appears to be straightforward, being dominated by galena, sphalerite and chalcopyrite.

Metallurgical work has included conventional gravity separation, cyanide leaching and flotation tests. Recovery of gold and silver by gravity varied between zones, but was generally low. Cyanide leaching recoveries were also low for composites representing the areas comprising the mineral resource. Flotation work has focused on producing base metal sulphide concentrates, and yielded promising recoveries of base metals to reasonably high-grade cleaner concentrates. Silver reports primarily to the lead concentrate, with minor amounts to the zinc concentrate. A significant portion of the gold reports to the lead concentrate and another large fraction appears to report to a relatively high-grade arsenopyrite concentrate. The gold reporting to the arsenopyrite concentrate is refractory in nature and will require further work to either produce a concentrate with high-enough grades for direct shipping, or determine an appropriate oxidation and leaching process. Flotation work completed to date is preliminary in nature, and optimization work will need to be conducted to determine optimal recoveries and product grades.

Mineralization at the Property shares a number of key similarities with Carbonate Base-Metal Gold (CBM)-style deposits, renown for hosting multi-million ounce gold resources such as Barrick Gold's Porgera Mine (Papua New Guinea), Rio Tinto's formerly producing Kelian Mine (Indonesia) and Continental Gold's Buritica project (Colombia).

Klaza and known CBM deposits feature multiple precious metal-rich structures that are formed peripheral to mineralized porphyry systems. The presence of carbon dioxide gas within the mineralizing hydrothermal fluids is a key factor in facilitating precious metal deposition over large vertical extents, often in excess of one kilometre. Lead, zinc and copper are also common in this type of deposit.

The current mineral resource and unquantified mineralized zones elsewhere on the Property are open for expansion along strike and to depth. The mineralized system is known to have a vertical extent of at least 520 m down-dip, and this could reasonably expand because most CBM deposits are mineralized in a vertical range exceeding 1,000 m. There is excellent potential to significantly increase the current mineral resource through continued low-cost drilling. In addition, many geochemical and geophysical anomalies, outside of those associated with the known mineralized structures, have yet to be explored.

Ongoing exploration at the Property has largely been directed by geochemical and geophysical results. Multi-element soil geochemical anomalies mark the known mineralized zones and similar, mostly untested anomalies have been identified along strike and parallel to the known zones. Hydrothermal fluids that flowed through the mineralized structures have locally destroyed magnetite in the host rocks, precipitated sulphide minerals in fractures, veins and breccias, and altered some minerals comprising wallrocks in and around the zones. Magnetic susceptibility measurements of drill core confirm that the mineralized zones are considerably less magnetic than the surrounding, unaltered granodiorite, and helicopter-borne surveys have outlined magnetic lows along the known zones. There are numerous untested linear magnetic lows on the Property, which parallel the orientation of the known structural zones. Results of ground-based VLF-EM surveys generally support the magnetic data. An induced polarization survey completed in 2006 identified areas of high chargeability on the western edge of the Kelly zone, which are only partially tested by drilling and trenching. These anomalies are open to the south and east onto recently acquired ground. A second, tighter array induced polarization

survey was done in 2013 across the central parts of the Klaza and BRX zones and showed that broad chargeability highs and resistivity lows mark the main zone and flanking structures. The untested soil geochemical and geophysical anomalies are considered priority targets for future exploration. The ground-based VLF-EM survey completed in 2014 outlined many new and untested anomalies that require follow up work in the future.

The geophysical surveys have also been successful in outlining cross-faults, which offset mineralization. The sense of movement along these faults is poorly understood, but analysis of the geophysical data has led to a number of hypotheses in regards to displacement of the mineralized zones. Determining the exact orientations and probable offsets of these cross-faults should be a priority for future work programs.

Additional drilling should be designed to extend the bounds of the current mineral resource to greater depths. This work should be considered high priority, specifically within the western portions of the BRX and Klaza zones, because the tenor of mineralization in the deepest holes is well above the deposit average grades and there are no indications that mineralization is waning at depth. Both these areas have much higher grades than are typically found in the central portions of the BRX and Klaza zones and the mineral resource estimates for these areas are the least affected by cut-off grade sensitivity.

Areas immediately southeast along strike of the current mineral resource require further delineation drilling to determine if that mineralization can be included in future resource estimates. These portions of the mineralizing system differ from their western and central counterparts as they represent more dispersed sheeted vein complexes and are probably lower grade bulk tonnage targets.

Northwesterly extensions of the BRX and Klaza zones are inferred by anomalous multi-element grid soil geochemical samples, and linear, airborne magnetic low and ground very low frequency electromagnetic (VLF-EM) conductors. A series of widely spaced holes that attempted to trace the Western BRX Zone further to the northwest across a major cross-fault intersected vein zones, but it is unclear whether these zones are part of the BRX structure. Work is certainly warranted northwest of the cross-fault to assess potential along strike of the BRX, Klaza and other mineralized zones.

Continued deposit studies are recommended and should include fluid inclusion analyses to verify the deposit model classification. An in-depth analysis of metal and associated element ratios within the mineralized zones should also be done in order to establish vertical and lateral vectoring tools for continued deposit expansion and discovery of new mineralization elsewhere on the Property.

Metallurgical work conducted to date has been preliminary in nature. Follow-up work should be conducted to better develop the current flowsheet and investigate optimal gold recovery methods, including a focus on refractory gold recovery and processing. The majority of metallurgical work completed to date has focused on samples from the Western BRX Zone. Follow-up work should examine material from the other three sub-zones included in the current resource estimate to determine if variability of mineralization in these areas will impact

metallurgical performance. Test work should also be conducted to determine the crushing and grinding work indexes of the deposit, as well as to evaluate the environmental impact of tailings products.

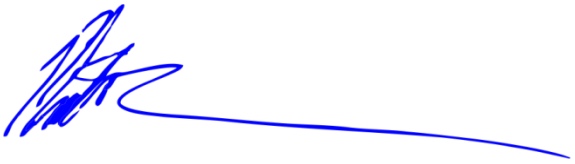
A preliminary economic assessment is recommended for the Klaza Deposit, after metallurgical work is completed, to better understand potential mining methods and other economic factors.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Matthew R. Dumala, P.Eng.

Jared Tarswell, B.Sc.



Matt Turner, B.Sc.

REFERENCES

Aho, A.E., Mukans, V., and Reamsbottom, S.B.
1975 Geology of the Rico Claim Group; Assessment Report by Kerr Addison Mines Limited, Assessment Report #091915.

Bostock, H.S.
1936 Carmacks District, Yukon; Geological Survey of Canada, Memoir 189.

Bond, J
2014 Yukon Geological Survey; Unpublished Placer Production Statistics.

Brownlee, D.J.
1981 Assessment report on a geophysical survey on the Tawa property; Whitehorse Mining District, Yukon Territory; Report prepared for BRX Mining and Petroleum Corp., Assessment Report # 090909.

Campbell, D.D. and Guardia, F.
1969 Summary report on the May group claims; Whitehorse Mining District, Yukon Territory; Report prepared for Esansee Explorations Limited, Assessment Report #060737.

Carlson, G.G.
1987 Geology of Mount Nansen (115I/3) and Stoddart Creek (115I/6) map areas, Dawson Range, central Yukon; Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1987-2.

Colpron, M and Nelson, J.L.

2006 Paleozoic evolution and metallogeny of pericratonic terranes at the ancient Pacific margin of North America, Canadian and Alaskan Cordillera; Special Paper: Geological Association of Canada, 45, page 523.

Corbett, G.J. and Leach, T.M.

1998 Southwest Pacific Rim gold-copper systems: Structure, alteration and mineralization; Economic Geology, Special Publication 6, 238 p., Society of Economic Geologists.

Dadson, P. and Amy, C.
2012 Assessment report on the 2011 trenching, diamond drilling and soil sampling program on the Etzel Property, Whitehorse Mining District, Yukon Territory; Report prepared for Great Bear Resources Ltd.

Deklerk, R. (compiler)
2004 Yukon MINFILE – A database of mineral occurrences. Yukon Geological Survey, CD-ROM (http://data.geology.gov.yk.ca)

Deklerk, R. and Burke, M.
2008 Yukon Mineral Property Update 2008; Yukon Geological Survey, pages 63-65.

Dickinson, R.A. and Jilson, J.G.
1973 Drill hole logs filed for assessment work; Assessment report by Area Exploration Company, Assessment Report #091327.

Dickinson, R.A., and Lewis, P.F.
1973 Assessment report on percussion drilling on the Mount Nansen Property; Report prepared by Area Exploration Company.

Dujakovic, Z., Visser, S. and Ewen, E.
1996 Assessment report describing Magnetometers, VLF-EM, and Geochem Surveys on the KR 1-238 Claims; Report prepared for BYG Natural Resources Inc. by SJV Consultants Ltd., Assessment Report #093516.

Eaton, W.D.
1986 Assessment report on geology, geochemistry, geophysics and bulldozer trenching on the Tawa property, Whitehorse Mining District, Yukon Territory; Report prepared for Freegold Venture, Assessment Report #091889.

1989 Tawa Property – 1989 Final Report; Report prepared for Chevron Minerals Ltd.

Eaton, W.D., and Walls, M.J.
1987 Assessment report on road construction and trenching on the Tawa property, Whitehorse Mining District, Yukon Territory; Report prepared for Chevron Minerals Ltd. and BYG Natural Resources Inc., Assessment Report #092083.

1988 Assessment report on the Tawa property, Whitehorse Mining District, Yukon Territory; Report prepared for Chevron Minerals Ltd. and BYG Natural Resources Inc., Assessment Report #092585.

Environment Canada
2015 http://climate.weather.gc.ca/climate_normals/results_1961_1990_e.html?stnID=1509&prov=YT&lang=e&province=YT&provBut=Go&month1=0&month2=12

Gordey, S.P., and Makepeace, A.J.
2000 Yukon Digital Geology, 2 CD-ROM set; Geological Survey of Canada, Open File D3826 for Exploration and Geological Services Division (EGSD), Yukon Region, Indian and Northern Affairs Canada (DIAND) EGSD, Open File 1999-1(D).

Great Bear Resource Ltd.
2012a January 26, 2012 News Release; Retrieved from http://www.sedar.com

2012b October 10, 2012 News Release; Retrieved from http://www.sedar.com

Hart, C., and Langdon, M.
1997 Geology and Mineral Deposits of the Mount Nansen Camp, Yukon; *In:* Yukon Exploration and Geology 1997, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p.129-138.

Heberlein, K.
1985 Assessment report on geological, geochemical and geophysical surveys on the Dic 1-63 claims, Yukon; Report prepared by Kerr Addision Mines Limited., Assessment Report #091915.

Isreal, S
2014 Personal Communication

McClintock, J.
1986 Geological and geochemical report on the Etzel and Wedge claims, Whitehorse Mining District, Yukon Territory; Report prepared for Pearl Resources Ltd., Assessment Report #091870.

Mortensen, J.K., Appel, V.L. and Hart, C.J.R.,
2003. Geological and U-Pb age constraints on base and precious metal vein systems in the Mount Nansen area, eastern Dawson Range, Yukon. *In:* Yukon Exploration and Geology 2002, D.S. Emond and L.L. Lewis (eds.), Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, p. 165-174.

Parker, A.
1968 Assessment report on the May claim group, Whitehorse Mining District, Yukon Territory; Report prepared for Esansee Explorations Limited, Assessment Report #019090.

Payne, J. G.
2012 Petrographic Report; Report prepared for Rockhaven Resources Ltd.; Assessment Report #120320.

Piercey, S.J., Nelson, J.L., Colpron, M., Dusel-Bacon, C., Simard, R.-L., and Roots, C.F.
2006 Paleozoic magmatism and crustal recycling along the ancient Pacific margin of North America, northern Cordillera; *in* Colpron, M. and Nelson, J.L. Eds., Paleozoic Evolution and Metallogeny of Pericratonic Terranes at the Ancient Pacific Margin of North America, Canadian and Alaskan Cordillera; Geological Association of Canada Special Paper 45, p. 281-322.

Sanchez, M.G., Allan, M.M., Hart, C.J.R., Mortensen, J.K.
2014 Extracting ore-deposit-controlling structures from aeromagnetic, gravimetric, topographic, and regional geological data in western Yukon and eastern Alaska; Interpretation, Vol. 2, No. 4; p. SJ75-SJ102, 15 FIGS.

Saunders, C.R.
1980 Assessment report on the Tawa Property, Whitehorse Mining District, Yukon Territory; Report prepared for BRX Mining & Petroleum Corp., Assessment Report #090692.

1980b Assessment report on the Tawa Property, Whitehorse Mining District, Yukon Territory; Report prepared for BRX Mining & Petroleum Corp. Assessment Report #062050.

Sawyer, J.P.B., and Dickinson, R.A.
1976 Mount Nansen, Porphyry Copper and Copper-Molybdenum Deposits of the Calc-Alkaline Suite, Paper 34; *In* Porphyry Deposits of the Canadian Cordillera, CIM Special Volume 15, p. 336 - 343.

Smuk, K.A.
1999 Metallogeny of Epithermal Gold and Base Metal Veins of the Southern Dawson Range, Yukon; Masters Thesis;. Department of Earth Planetary Sciences, McGill University Retrieved from http://www.collectionscanada.gc.ca/obj/s4/f2/dsk1/tape8/PQDD_0023/MQ50883.pdf

Stroshein, R.
1999 Exploration report for the overburden stripping and diamond drilling program on the Tawa-Klaza project, Whitehorse Mining District, Yukon Territory; Assessment Report # 093948.

2004 Exploration report for 2003 geological, geochemical and trenching on the Discovery Creek Project in the Whitehorse Mining District, Yukon Territory; Assessment Report #094450.

Sutherland, K.S.
1988 Assessment report on stream sediment sample and prospecting on the Dic property. Report prepared for Chesbar Resources Inc., Assessment Report #092533.

Tarswell, J. and Turner, M.
2012 Assessment report describing diamond and reverse circulation percussion drilling, excavator trenching, soil sampling and geophysical and air photo surveys at the Klaza property, Whitehorse Mining District, Yukon Territory; Assessment report prepared for Rockhaven Resources Ltd.

2013 Assessment report describing diamond drilling, excavator trenching, soil sampling, mineralogical studies and metallurgical tests at the Klaza property, Whitehorse Mining District, Yukon Territory; Report prepared for Rockhaven Resources Ltd.

2014 Assessment report describing Excavator trenching, geophysical surveys, and metallurgical tests at the Klaza Property, Whitehorse Mining District, Yukon Territory; Report prepared for Rockhaven Resources Ltd.

Tempelman-Kluit, D.J.
1974 Geology of the Carmacks map-area, Yukon Territory; Geological Survey of Canada, Open File 578.

1984 Geology of Laberge (105E) and Carmacks (115I), Yukon Territory; Geological Survey of Canada, Open File 1101.

Turner, M. and Tarswell, J.
2011 Assessment report describing diamond drilling, excavator trenching, soil sampling and geophysical surveys at the Klaza property, Whitehorse Mining District, Yukon Territory; Report prepared for Rockhaven Resources Ltd.

Visser, S., Dujokovic, Z., and Ewen E.
1996 Assessment report on the magnetometer, VLT-EM and geochemical survey on the KR 1 to 238 claims, Whitehorse Mining District, Yukon Territory, Report prepared for BYG Natural Resources Inc., Assessment Report #093516.

Wengzynowski, W.A.
2006 Assessment report describing line cutting and induced polarization surveys at the Klaza Property, Whitehorse Mining District, Yukon Territory; Report prepared for Bannockburn Resources Limited and ATAC Resources Ltd.

Wengzynowski, W.A., Giroux, G.H. and Martin, C.J.
2015 NI 43-101 Technical Report describing Geology, Mineralization, Geochemical Surveys, Geophysical Surveys, Diamond and Percussion Drilling, Metallurgical Testing and Mineral Resources on the Klaza Property, Yukon; Prepared for Rockhaven Resources Ltd.

APPENDIX I

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Matthew R. Dumala, geological engineer, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Burnaby, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 2002 with a B.A.Sc in Geological Engineering, Option l, mineral and fuel exploration.

2. I registered as a Professional Engineer in the Province of British Columbia on November 14, 2008 (License Number 32783).

3. From 2003 to present, I have been actively engaged in mineral exploration in the Yukon Territory.

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

Matthew R. Dumala, P.Eng.

STATEMENT OF QUALIFICATIONS

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

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

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

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

Jared Tarswell, B.Sc.

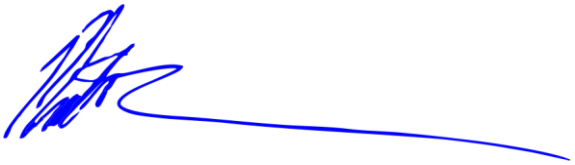
STATEMENT OF QUALIFICATIONS

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

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

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

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



Matthew Turner, B.Sc.

APPENDIX II

STATEMENT OF EXPENDITURES

Statement of Expenditures
449 Klaza Property Mineral Claims
November 24, 2014

Contract Diamond Drilling

Platinum Diamond Drilling Inc.	$1,769,258.94

Total drilling 19,241.97 m = $91.95/m

APPENDIX III

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

SAMPLING METHODS AND APPROACH

Soil Sampling

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

Soil samples collected in 2010 and 2011 extended sample coverage to the west and north of the earlier grids, while 2012 sampling was mostly done in the southeast corner of the Property. The samples were taken using soil augers, between 30 cm and 130 cm below surface. Soil samples were collected at 50 m intervals along lines spaced between 100 to 200 m apart. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. Soil samples were placed into individually pre-numbered Kraft paper bags. All soil sample locations were recorded using hand-held GPS units. Sampling was often hindered by permafrost on moss-covered, north-facing slopes. Samples were not collected from some of these locations due to poor sample quality.

Trenching

Chip samples were collected from bulldozer and excavator trenches in several parts of the Property during programs conducted between 1986 and 1989 and from 2010 to 2014. Bedrock exposed in trenches was sampled on a continuous basis.

Continuous chip samples were collected from bulldozer and excavator trenches in several parts of the Property during programs conducted between 1986 and 1989 and from 2010 to 2014. The collection protocol for channel samples was as follows:

1) Trenches were excavated.
2) The walls of trenches were cleaned, where necessary, with a shovel.
3) Trenches were mapped and sample intervals marked at geological breaks or at 1 to 10 m intervals depending on the intensity of alteration and mineralization.
4) Continuous chip samples were collected along one wall of the trench as close to the floor of the trench as slumping would allow using a geological hammer. The chips were collected either in a tub or on a sample sheet. Sample sizes averaged approximately two kilograms per linear meter sampled for intervals containing veins and about 7 kg per sample for intervals comprised primarily of altered wallrock.

5) Samples were placed in doubled 6 mm plastic bags along with a pre-numbered sample tag, then two or three samples were placed in a fiberglass bag sealed with a metal clasp and sample numbers were written on the outside of that bag with permanent felt pen.
6) In 2011 to 2014, one blank and one standard samples were randomly inserted into every batch. No quality control samples were inserted into batches in 2010.
7) In 2013, samples collected from trenches within the core of the BRX and Klaza Zones were divided into batches comprising 31 trench samples plus one blank sample, one assay standard and one coarse reject duplicate sample.

Diamond Drilling

Geotechnical and geological logging was performed on all drill core from the 2010 to 2014 programs. A geotechnical log was filled out prior to geological logging of drill core and included the conversion of drill marker blocks from imperial to metric plus determinations of core, rock quality designations (RQD), hardness and weathering. Wetted core photographs were taken and catalogued prior to logging. Magnetic susceptibility measurements were taken at one metre intervals along core from each hole.

During the 2010 to 2012 programs, core recovery was good, averaging 97%. The holes from these programs were mostly sampled top to bottom (about 99% of core was sampled). In 2014, core recoveries averaged approximately 94%, excluding the near surface portions of the holes where core recovery was poor. Only vein zones and associated peripheral alteration were sampled in 2014. Care was taken during all drill programs to ensure that the sample split was not biased to sulphide content and, therefore, the sampling should be reliable and representative of the mineralization.

Drill core samples were collected using the following procedures:

1) Core was reassembled, lightly washed and measured.
2) Core was wet photographed.
3) Core was geotechnically logged.
4) Core was geologically logged and sample intervals were designated. Sample intervals were set at geological boundaries, drill blocks or sharp changes in sulphide content.
5) Core recovery was calculated for each sample interval.
6) From 2010 and 2011, visually promising core intervals were sawn in half using a rock saw and the remainder of the core was split with an impact core splitter. In 2012, all visually promising core intervals were saw in half using a rock saw, while selected specimens of altered country rock were split using an impact core splitter. In 2014 all marked samples were cut using a rock saw. In each case, one half of the core sampled and the remaining half was placed back in the core box.
7) All samples were double bagged in 6 mm plastic bags, a pre-numbered sample tag was placed in each sample bag, then two or three samples were placed in a fiberglass bag sealed with a metal clasp and sample numbers were written on the outside of that bag with permanent felt pen. In 2012 and 2014 the fibreglass bag was sealed with a numbered security tag.

8) Two blank and two assay standard samples were randomly included in every batch of 30 or 31 core samples (in 2012 and 2014, batches comprised 30 core samples).
9) One duplicate sample consisting of quarter-split core was included in every batch of 30 or 31 core samples (in 2012 and 2014 batches comprised 30 core samples).
10) In 2012 and 2014 one coarse reject duplicate sample was also included in every batch of 30 core samples.

Density measurements were systematically taken on core, throughout the 2011, 2012 and 2014 drill programs with a total of 1,823 density measurements from a variety of holes and lithologies. Measurements are mostly from vein, porphyry dyke, fresh granodiorite and mineralized granodiorite but also include aplite and mafic dyke material. Sample densities were determined by cutting a 10 cm long section of core and then determining its weight dry and its weight in water. That data was applied to the following formula to establish the density of each of these samples:

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

For samples that could not be cut, a graduated cylinder (filled with water) was used to calculate the volume of the core sample and in turn the sample's density. Employing this technique, each sample was first weighed in air, and then its displacement was calculated using a volumetric cylinder. A second formula was then used to determine the density of each sample:

Density = weight in air ÷ (Final Volume – Initial Volume)

In addition to density, the specific gravity was calculated using the following formula for each sample wherever possible. As a cross check, density and specific gravity values were compared. Any significant discrepancies were investigated and corrected.

Specific Gravity = weight in air ÷ (weight in air – weight in water)

All logging data was recorded as a hardcopy during the day and transcribed to digital format during the evenings.

HISTORICAL SAMPLE PREPARATION, ANALYSIS AND SECURITY

This section describes the sample handling procedures followed during the 1986 to 1989 and 2010 to 2012 exploration programs managed by Archer Cathro and the 1998 program conducted by BYG. The procedures followed during earlier exploration programs are not known.

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

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

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

SAMPLE SECURITY

In 2010, all drill core was trucked to the Archer Cathro yard in Whitehorse for logging and splitting. In 2011, 2012 and 2014, drill core was logged and sawn or split at a processing facility on the Property. Chip samples taken between 2010 and 2014 were collected and labelled at the trenches on the Property.

In 2010, Archer Cathro personnel were responsible for transporting all samples from Archer Cathro's Whitehorse yard to ALS Minerals' Whitehorse preparation facility. In 2011, 2012, 2013 and 2014, Archer Cathro personnel were responsible for transporting all samples from the Property by truck to ALS Minerals' facility in Whitehorse for preparation. ALS Minerals was responsible for shipping the prepared sample splits from Whitehorse to its North Vancouver laboratory, where they were analyzed. All samples were controlled by employees of Archer Cathro until they were delivered directly to ALS Minerals in Whitehorse.

In 2012 and 2014, Archer Cathro ensured that a Chain of Custody form accompanied all batches of drill core during transportation from the Property to the preparation facility. A unique security tag was attached to each individual fibreglass bag when the bag was sealed. The bags and security tags had to be intact in order to be delivered to ALS Minerals. If a security tag arrived at the laboratory damaged, an investigation into the sample bag was undertaken by ALS Minerals and Archer Cathro and any affected samples were not processed until a resolution had been reached on the security of the samples.

SAMPLE PREPARATION AND ANALYSIS

All samples were sent to ALS Minerals' laboratory in Whitehorse for preparation and then on to its laboratory in North Vancouver for analysis. ALS Minerals, a wholly owned subsidiary of ALS Limited, is an independent commercial laboratory specializing in analytical geochemistry services. Both ALS Minerals' Whitehorse and North Vancouver laboratories are individually certified to standards within ISO 9001:2008.

All 2010 to 2012 soil samples were dried and screened to -180 microns. All 2010 to 2014 rock, core and trench samples were dried, fine crushed to better than 70% passing -2 mm and then a 250 g split was pulverized to better than 85% passing 75 microns. In 2014, visually mineralized

intervals and adjoining samples were prepared using a technique designed for coarse gold and silver. The sample is dried and crushed to better than 90% passing 2 mm. A 1,000 g split is then taken and pulverized to better than 95% passing 106 microns.

In 2010 and 2011, all core and trench samples were initially analyzed for gold by fire assay followed by atomic absorption (Au-AA24) and 35 other elements by inductively coupled plasma-atomic emission spectroscopy (ME-ICP41). Overlimit values for gold were determined by fire assay and gravimetric finish (Au-GRA22) and silver values were determined using Ag-OG46. Sample pulps from mineralized intervals of drill core from 2011 were later reanalyzed for lead and zinc as well as 46 other elements using four acid digestion followed by inductively coupled plasma-atomic emission spectrometry (ME-MS61). Overlimit values for silver, lead and zinc were determined by inductively coupled plasma-atomic emission spectroscopy (Ag/Pb/Zn-OG62).

In 2012 and 2014, rock samples were routinely analyzed for gold by fire assay followed by atomic absorption (Au-AA24) and 48 other elements by four acid digestion (ME-MS61). All overlimit values were determined for gold by fire assay and gravimetric finish (Au-GRA22) and for silver using Ag-OG62.

Soil samples collected in 2010 were analyzed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-ICP21) and for 35 other elements using aqua regia digestion and inductively coupled plasma-atomic emission spectrometry. Soil samples collected in 2011 and 2012, were analysed for gold by fire assay fusion and atomic absorption spectroscopy (Au-AA24) and for 35 other elements using aqua regia digestion and inductively coupled plasma-atomic emission spectrometry.

All 2010 to 2014 assay standard, blank and duplicate samples passed QA/QC reviews. It is the Author's opinion that the sample preparation, security and analytical procedures used for this project are adequate.

DATA VERIFICATION

Database

Prior to 2014, geological and geotechnical logging was initially recorded as a hardcopy and then transcribed into MS Excel®. In 2014, logging was recorded as hardcopy and then entered into a MS-SQL Server® database. All of the pre-2014 data have been transferred to the database.
Visual comparison of hardcopy data and digital data was conducted on select holes to ensure accuracy. Any discrepancies identified by this process were investigated, by examining the core stored on the Property, and corrected.

Collar Location

All drill hole collars were re-surveyed in 2012 using a Trimble RTK GPS system and, where necessary, survey data collected in previous years was corrected. The differences between this most recent survey and the earlier surveys can be explained by the poorer accuracy of the hand held GPS devices used in previous years.

Elevation data obtained during the RTK GPS survey was compared to elevation data calculated from low level orthophotos. Any discrepancies identified were investigated and corrected, if possible. If no resolution to a discrepancy was immediately apparent, an additional survey was conducted.

Down-hole Orientation

Prior to 2011, no down-hole azimuth measurements were made and dip deviations were measured using an acid test at the bottom of each hole. This practice does not follow industry standards, but due to the limited number of holes (11), shallow depths (up to 273.12 m) and good ground conditions, this is not considered to be a significant issue.

Original 2011, 2012 and 2014 survey data was obtained from the survey tools in CSV format and was visually inspected. Erroneous data was not used during the interpretation process.

Assays

Sample intervals from all 2010 through 2014 drilling were imported into a MS SQL Server ® database. Assay certificates, for all of the drilling done to date, were obtained from ALS Minerals in CSV format and imported directly into this database.

Internal algorithms built into the database ensure that the correct assay data is matched with the correct sampling data. Errors detected by the database were inspected and corrected. Spot checking of data within the database to hard copy certificates issued by ALS Minerals was also implemented and did not revealed any issues.

Samples from the 2010 to 2014 diamond drilling programs were subjected to a quality assurance and quality control (QA/QC) program designed by Archer Cathro for Rockhaven. The QA/QC program consisted of:

1) Sequentially numbered sample tags: to identify each sample with a unique number to minimize the possibility of sample numbering errors and to ensure uniform collection of sample data.
2) Sealed sample bags: to secure individual sample bags in order to reduce the possibility of sample contamination, spilling or tampering.
3) Chain of custody: samples were stored in a secure preparation area and delivered to the laboratory directly by Archer Cathro personnel.
4) Sample duplicates: select samples were quartered and re-submitted for assay. In addition, duplicates of coarse reject material of select 2012 samples were re-submitted for assay.

5) Sample blanks: commercial samples were purchased and inserted in the sample sequence. to test for "smear effect" during the sample preparation process. These blanks were assigned unique sample numbers within the sample sequence and were randomly inserted into each batch, so as to be "blind" to the laboratory.
6) Reference standard samples: commercially available assay standard samples for gold and silver were purchased for the 2010 and 2011 drill program. Six batches of assay standards were prepared from coarse reject material from the 2011 and 2012 core samples for use during the 2012, 2013 and 2014 programs. These assay standards were prepared, homogenized and packaged by CDN Resource Laboratories Ltd. of Delta, British Columbia. All assay standards were certified by Smee & Associates Consulting Ltd. of North Vancouver, British Columbia assay standards were assigned a unique sample number within the sample sequence and were randomly inserted into each batch.

All of the samples have passed this quality assurance and quality control program.

APPENDIX IV

CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

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

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

Finalized Date: 11-JUL-2014
Account: ROCKHA

CERTIFICATE WH14085773

Project: KLAZA

This report is for 6 Reject samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-21	Split sample - riffle splitter
BAG-01	Bulk Master for Storage
SCR-21	Screen to -100 to 106 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 to 106 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 11-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14085773

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
Q016701		0.27	39.2	180.5	32.4	1.413	7.83	160.6	33.4	31.3
Q016703		0.76	42.7	46.6	42.5	1.992	42.70	625.5	43.1	41.8
Q016707		5.65	55.2	135.0	51.3	6.536	48.43	988.8	53.3	49.2
Q016726		2.26	28.7	80.7	26.5	3.296	40.85	952.3	26.1	26.8
Q016727		3.99	31.9	140.0	26.5	6.409	45.72	911.7	26.5	26.4
Q016732		1.48	38.5	54.0	37.6	3.028	56.03	949.6	37.0	38.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 11-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14085773

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:			
BAG-01	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
Au-AA25	Au-AA25D	Au-SCR21	PUL-32
SCR-21			

ALS Canada Ltd.

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

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

Finalized Date: 25-JUN-2014
Account: ROCKHA

CERTIFICATE WH14092120

Project: KLAZA

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 25-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092120

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016073		7.46	<0.005	0.35	7.14	5.9	2030	1.62	0.41	2.72	0.63	39.9	8.1	13	12.30	19.2
Q016074		2.77	0.030	0.30	7.35	501	1860	1.58	0.38	2.57	0.58	42.6	8.4	10	11.40	20.3
Q016075		3.12	0.629	4.34	6.52	3760	1420	1.68	0.55	3.51	9.08	57.6	8.5	9	26.3	42.0
Q016076		4.94	<0.005	0.14	6.75	17.3	2160	1.13	0.20	3.13	0.22	38.6	8.1	10	17.90	6.1
Q016077		0.23	0.353	4.87	6.43	715	590	1.44	3.44	2.02	11.60	45.4	13.0	26	13.55	323
Q016078		3.94	0.035	0.97	7.12	71.0	1750	1.29	2.27	1.94	0.91	40.7	11.6	10	12.10	69.1
Q016079		7.35	<0.005	0.08	7.27	5.3	2280	1.75	0.16	2.65	1.37	41.6	9.0	11	11.95	11.9
Q016080		3.59	0.025	1.20	6.95	132.5	1040	1.56	0.90	1.27	10.05	43.2	8.6	10	15.00	39.1
Q016081		3.08	<0.005	0.16	6.80	23.9	1320	1.39	0.19	2.01	1.72	45.2	7.9	9	16.85	11.7
Q016082		3.66	<0.005	0.15	7.55	19.0	1510	1.79	0.40	2.32	0.63	48.8	8.2	9	26.7	8.4
Q016083		<0.02	<0.005	0.17	7.34	18.7	1460	1.74	0.36	2.28	0.65	46.2	8.0	8	25.9	7.1
Q016084		5.22	<0.005	0.08	7.07	6.7	2270	1.59	0.08	2.99	0.48	40.1	8.8	12	16.25	9.0
Q016085		7.75	0.078	0.76	6.95	455	2090	1.64	0.30	2.80	1.40	40.2	8.2	11	17.30	12.0
Q016086		2.90	0.119	1.98	6.85	389	1580	1.59	1.65	1.28	17.55	49.3	11.1	9	17.15	81.1
Q016087		1.57	2.77	24.1	6.29	6190	430	2.27	20.1	2.09	34.9	51.8	18.2	12	28.0	466
Q016088		6.24	0.009	0.43	7.07	81.2	2340	2.02	0.30	1.80	0.71	68.5	7.5	22	46.0	26.6
Q016089		8.75	<0.005	0.09	7.83	50.8	710	2.24	0.18	1.96	0.70	75.4	8.6	25	30.5	8.7
Q016090		4.21	0.008	0.42	7.51	57.7	870	2.31	0.24	2.33	0.45	69.2	5.6	15	30.3	8.3
Q016091		5.68	0.505	1.47	7.12	507	1500	1.66	0.77	2.07	4.36	46.8	8.0	10	15.65	22.3
Q016092		4.81	<0.005	0.03	0.09	0.4	20	0.11	0.02	20.1	0.08	1.35	0.9	1	0.31	3.0
Q016093		6.96	<0.005	0.31	7.03	13.3	1970	1.78	0.27	2.87	1.31	46.8	8.4	11	13.70	14.5
Q016094		10.57	<0.005	0.11	7.19	8.3	2140	1.78	0.11	2.82	0.12	46.4	8.7	15	14.30	9.0
Q016095		4.97	<0.005	0.09	7.04	4.0	2120	1.62	0.16	2.73	0.37	41.8	8.2	10	9.07	9.3
Q016096		0.22	0.342	4.82	6.46	700	390	1.48	3.38	1.97	11.20	49.6	12.5	25	13.55	319
Q016097		4.21	<0.005	0.06	6.94	3.8	2140	1.64	0.14	2.64	0.12	41.3	8.3	13	7.03	6.1
Q016098		6.10	<0.005	0.04	6.89	2.6	2060	1.56	0.12	2.72	0.08	39.3	8.2	14	6.77	7.0
Q016099		0.73	<0.005	0.32	6.30	19.7	1200	1.34	0.23	3.84	1.63	39.6	6.9	9	15.90	24.3
Q016100		5.48	<0.005	0.17	7.04	157.0	1810	1.61	0.22	2.45	0.92	37.5	8.0	11	41.9	7.9
Q016101		0.60	0.117	2.60	3.69	639	830	1.10	0.19	6.75	9.08	24.5	3.7	5	12.70	20.3
Q016102		1.06	<0.005	0.02	0.06	2.2	30	0.05	0.04	20.3	0.09	1.11	0.9	<1	0.23	14.2
Q016103		3.44	<0.005	0.22	6.80	114.5	1420	1.57	0.18	2.73	0.37	40.4	8.3	12	30.5	6.6
Q016104		2.00	0.005	0.26	6.79	48.7	810	1.60	0.62	2.37	0.90	50.6	8.6	9	17.65	5.1
Q016105		3.78	0.138	3.90	6.61	586	800	1.36	2.27	1.57	12.00	45.6	6.7	11	14.80	54.6
Q016106		4.51	0.007	0.32	7.11	21.2	1810	1.56	0.41	2.54	1.97	46.1	8.5	12	10.65	18.3
Q016107		2.46	<0.005	0.21	6.69	15.8	1610	1.48	0.35	2.76	0.70	40.6	8.1	11	10.70	11.5
Q016108		1.19	<0.005	0.24	5.83	8.2	2320	1.34	0.95	5.52	0.10	59.6	15.3	7	13.30	4.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 25-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092120

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016073		3.20	16.65	0.34	1.1	0.066	2.58	18.6	14.0	0.89	802	5.44	1.80	7.9	2.9	650
Q016074		3.24	16.90	0.32	1.1	0.062	2.81	20.8	15.2	0.89	1840	3.32	0.95	8.2	2.8	670
Q016075		3.27	16.15	0.30	1.7	0.067	2.08	31.4	51.4	0.97	2330	1.72	0.04	8.5	3.2	650
Q016076		2.93	16.30	0.29	1.1	0.045	2.50	17.6	37.4	0.68	933	0.43	0.11	7.8	2.8	620
Q016077		5.04	16.50	0.22	1.1	0.329	2.95	24.3	26.7	0.76	1990	14.80	0.15	6.4	14.6	530
Q016078		3.72	17.50	0.23	1.1	0.123	2.43	19.3	35.1	0.80	1400	1.84	0.06	8.0	3.2	640
Q016079		3.08	17.65	0.30	1.3	0.041	2.54	19.9	23.8	0.83	780	3.72	1.76	8.3	2.9	640
Q016080		3.88	16.90	0.23	1.1	0.139	3.43	21.9	14.2	0.60	4690	1.63	0.05	7.5	2.8	560
Q016081		3.51	16.20	0.23	1.3	0.071	2.00	23.3	54.5	0.82	1660	0.76	0.03	7.7	2.8	620
Q016082		3.83	17.55	0.25	1.2	0.083	2.48	25.5	94.7	0.92	1360	0.65	0.05	7.8	2.6	610
Q016083		3.70	17.25	0.25	1.2	0.079	2.49	24.0	93.6	0.90	1340	0.51	0.05	7.8	2.5	620
Q016084		3.15	17.25	0.29	1.2	0.037	2.53	18.0	15.1	0.83	832	2.02	2.12	8.2	3.0	640
Q016085		3.06	17.20	0.33	1.2	0.047	2.55	18.6	15.5	0.77	742	0.84	1.87	8.0	2.7	620
Q016086		3.70	15.95	0.27	1.5	0.138	3.54	26.2	41.2	0.58	2960	0.76	0.11	7.6	3.2	480
Q016087		4.64	17.05	0.23	2.5	0.480	2.28	27.2	30.5	0.83	1860	13.05	0.04	8.3	11.8	760
Q016088		2.34	18.95	0.31	3.5	0.038	1.99	35.3	86.4	0.82	1080	1.58	0.06	11.2	7.4	1140
Q016089		3.07	20.5	0.32	4.1	0.043	1.58	37.9	292	0.99	1310	0.98	0.03	12.6	9.4	1500
Q016090		2.64	19.60	0.32	3.0	0.037	1.35	34.6	293	0.92	1680	1.14	0.03	12.3	4.1	1040
Q016091		3.74	17.40	0.31	1.4	0.114	2.97	24.1	30.9	0.66	4220	1.23	0.81	8.0	2.3	580
Q016092		0.46	0.45	0.39	<0.1	0.006	0.03	0.7	3.3	12.90	210	0.14	0.01	0.2	1.6	190
Q016093		3.17	17.55	0.34	1.4	0.055	2.69	22.6	13.8	0.86	1140	0.90	1.76	8.7	2.6	620
Q016094		3.06	17.90	0.36	1.5	0.040	2.55	22.6	15.7	0.86	758	1.07	2.17	8.9	3.1	610
Q016095		2.94	17.40	0.39	1.4	0.049	2.49	19.7	14.4	0.72	623	0.61	2.04	8.2	3.0	610
Q016096		4.90	16.25	0.26	1.1	0.308	2.82	27.7	26.1	0.76	1900	15.40	0.15	6.2	13.9	520
Q016097		2.95	17.00	0.35	1.4	0.032	2.49	18.4	15.9	0.86	647	0.56	2.22	8.1	2.9	620
Q016098		2.97	16.80	0.35	1.4	0.040	2.45	17.6	13.9	0.84	675	0.57	2.23	8.1	3.1	610
Q016099		2.70	15.95	0.36	1.3	0.076	2.36	18.3	32.3	0.72	1480	1.06	0.77	7.3	2.5	570
Q016100		2.97	17.55	0.35	1.4	0.053	2.80	16.8	128.5	0.52	1180	1.40	0.96	8.1	2.8	630
Q016101		3.51	8.41	0.19	0.7	0.056	1.55	13.0	24.6	2.23	7360	1.75	0.02	3.7	1.4	260
Q016102		0.48	0.30	0.26	<0.1	0.007	0.02	0.5	1.6	13.05	228	0.08	<0.01	0.1	1.9	180
Q016103		2.64	16.95	0.34	1.3	0.057	2.54	18.6	86.8	0.78	1180	0.93	0.07	7.7	3.1	630
Q016104		2.94	16.75	0.37	1.2	0.094	2.98	26.5	31.6	0.94	1880	0.37	0.04	7.6	2.6	580
Q016105		4.69	15.85	0.08	1.1	0.481	3.03	25.4	12.4	0.77	4960	1.60	0.08	6.9	3.2	520
Q016106		3.19	16.75	0.22	1.4	0.054	2.66	23.7	16.7	0.87	967	1.07	1.04	8.3	3.5	610
Q016107		2.94	15.85	0.23	1.3	0.045	2.57	19.9	14.4	0.80	990	1.79	1.15	7.7	3.0	590
Q016108		3.70	14.40	0.16	1.0	0.038	1.87	34.7	21.4	1.02	1120	0.57	0.75	5.9	2.8	470

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 25-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092120

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016073		33.2	94.7	<0.002	0.03	3.42	10.7	1	1.9	348	0.65	<0.05	9.4	0.275	1.30	2.8
Q016074		25.9	115.5	<0.002	0.39	7.82	11.2	1	2.0	235	0.61	<0.05	9.8	0.288	1.56	2.4
Q016075		344	111.5	<0.002	1.20	67.9	7.6	1	3.3	227	0.63	<0.05	9.8	0.222	2.04	15.1
Q016076		27.1	84.4	<0.002	0.04	13.05	10.9	1	1.6	162.0	0.59	<0.05	9.1	0.265	1.29	2.2
Q016077		494	146.0	0.005	2.68	30.2	9.3	1	5.9	112.0	0.52	0.33	10.3	0.212	2.52	5.0
Q016078		63.0	97.2	0.003	0.57	19.55	11.5	1	2.6	102.5	0.62	0.57	10.6	0.268	1.50	3.3
Q016079		18.4	91.1	<0.002	0.02	4.67	11.0	2	1.7	343	0.66	<0.05	11.3	0.273	1.08	3.0
Q016080		300	183.5	<0.002	1.54	14.80	10.9	1	3.4	58.9	0.58	<0.05	11.7	0.244	2.93	5.5
Q016081		27.7	91.8	<0.002	0.22	21.7	11.1	1	1.7	127.5	0.60	<0.05	10.9	0.254	2.20	4.1
Q016082		15.0	127.0	<0.002	0.18	18.45	11.9	1	1.8	144.5	0.63	<0.05	13.0	0.266	2.12	4.0
Q016083		15.3	120.0	<0.002	0.17	18.15	11.4	1	1.8	140.0	0.63	<0.05	12.2	0.265	2.07	3.9
Q016084		17.3	85.7	<0.002	0.01	2.94	10.9	1	1.7	399	0.63	<0.05	9.5	0.281	1.08	2.4
Q016085		257	95.7	<0.002	0.07	6.48	10.7	1	1.7	364	0.64	<0.05	10.2	0.266	1.16	2.3
Q016086		191.5	185.5	<0.002	1.54	23.4	9.7	1	2.3	92.5	0.80	<0.05	14.4	0.214	2.43	7.7
Q016087		1520	133.5	0.003	3.00	173.5	7.6	1	4.7	222	0.58	0.36	9.0	0.241	2.70	27.9
Q016088		22.5	83.5	<0.002	0.17	39.5	6.8	1	2.0	446	0.73	<0.05	8.8	0.329	2.44	5.8
Q016089		15.8	63.5	<0.002	0.09	33.8	7.8	1	1.5	331	0.82	<0.05	9.4	0.382	1.83	5.8
Q016090		23.8	53.0	<0.002	0.14	26.1	6.7	1	1.6	317	0.80	<0.05	9.8	0.292	1.73	6.5
Q016091		306	143.0	<0.002	1.07	18.40	11.0	1	2.9	214	0.69	<0.05	13.0	0.253	2.02	4.4
Q016092		1.7	1.4	<0.002	0.01	0.14	0.2	1	<0.2	51.1	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q016093		80.2	110.0	<0.002	0.08	4.67	11.4	1	2.0	344	0.76	<0.05	11.9	0.269	1.52	4.7
Q016094		20.2	102.0	<0.002	0.03	1.74	11.4	1	1.7	390	0.80	<0.05	12.0	0.272	1.21	5.3
Q016095		22.9	91.0	<0.002	<0.01	2.15	11.1	1	1.7	357	0.65	<0.05	11.3	0.265	1.00	1.7
Q016096		482	160.5	0.006	2.59	29.5	9.2	1	5.6	109.0	0.52	0.34	11.6	0.202	2.60	5.1
Q016097		17.0	88.1	<0.002	0.01	0.94	10.6	1	1.7	375	0.63	<0.05	11.2	0.266	0.98	1.7
Q016098		17.4	82.9	<0.002	<0.01	0.97	10.5	1	1.8	374	0.65	<0.05	10.5	0.262	0.98	1.9
Q016099		50.9	86.9	<0.002	0.19	6.17	9.9	1	4.4	165.0	0.57	<0.05	9.5	0.247	1.66	3.6
Q016100		33.5	116.0	<0.002	0.14	11.75	10.5	1	1.9	221	0.65	<0.05	10.7	0.267	2.28	2.3
Q016101		289	117.0	<0.002	0.83	47.0	5.5	1	1.5	153.5	0.30	<0.05	6.4	0.116	1.68	7.3
Q016102		2.0	1.4	<0.002	0.01	0.19	0.3	1	<0.2	41.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q016103		27.1	91.6	<0.002	0.16	14.85	11.1	1	1.9	138.0	0.58	<0.05	9.8	0.274	2.32	5.6
Q016104		31.7	137.0	<0.002	0.20	13.15	10.6	1	4.4	90.4	0.63	<0.05	11.9	0.250	2.63	3.3
Q016105		560	196.0	<0.002	2.12	32.9	10.5	1	4.8	44.4	0.55	<0.05	11.7	0.231	2.42	4.8
Q016106		88.9	116.5	<0.002	0.27	5.93	11.5	1	2.9	223	0.70	<0.05	12.0	0.270	1.34	2.8
Q016107		44.9	107.0	<0.002	0.19	5.35	10.4	1	2.3	224	0.64	<0.05	10.5	0.259	1.31	2.5
Q016108		10.0	111.0	<0.002	0.24	21.5	9.3	1	1.6	231	0.51	<0.05	12.1	0.203	1.01	5.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 25-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092120

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016073		80	1.6	14.1	123	25.2
Q016074		80	2.9	13.4	97	25.0
Q016075		63	3.8	14.7	682	59.2
Q016076		77	4.9	14.5	73	26.6
Q016077		67	5.4	11.5	910	30.3
Q016078		79	6.2	12.9	140	25.4
Q016079		79	1.7	14.6	279	32.0
Q016080		71	3.3	12.0	1290	27.2
Q016081		73	4.9	14.4	485	29.8
Q016082		77	4.1	16.4	246	30.6
Q016083		75	3.9	15.7	244	29.1
Q016084		80	1.1	14.9	124	29.1
Q016085		77	1.8	14.1	210	28.3
Q016086		61	3.6	14.7	2220	32.3
Q016087		61	6.1	12.6	3280	86.3
Q016088		69	3.1	13.3	165	135.0
Q016089		72	4.3	14.0	192	151.5
Q016090		58	2.8	13.5	113	105.0
Q016091		72	3.7	15.0	541	32.1
Q016092		2	0.1	0.8	16	0.6
Q016093		77	1.9	16.6	207	31.6
Q016094		77	0.9	17.2	62	33.3
Q016095		75	1.4	14.6	78	34.2
Q016096		65	5.4	11.7	879	30.3
Q016097		76	1.3	15.0	54	33.5
Q016098		74	1.0	14.8	54	33.9
Q016099		71	3.1	16.1	232	31.1
Q016100		77	2.7	14.0	246	33.8
Q016101		36	2.7	11.9	681	15.2
Q016102		3	0.1	0.8	16	<0.5
Q016103		81	3.9	13.9	171	31.2
Q016104		70	3.2	12.5	225	27.9
Q016105		67	4.9	9.5	1400	27.2
Q016106		75	3.0	13.4	330	32.5
Q016107		71	2.1	11.6	179	29.2
Q016108		59	1.7	16.4	63	25.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 25-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092120

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

CERTIFICATE WH14092121

Project: KLAZA

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092121

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016037		3.83	0.052	4.06	6.66	412	1720	1.39	8.58	1.73	18.65	46.8	5.8	8	16.75	37.5
Q016038		3.24	<0.005	0.06	6.73	34.4	1930	1.58	0.27	2.59	1.81	34.8	7.7	10	22.8	5.5
Q016039		4.17	<0.005	0.08	6.50	87.8	3440	1.47	0.20	3.02	2.90	38.2	7.1	8	24.9	6.8
Q016040		3.98	<0.005	0.10	8.01	39.3	2010	1.68	0.19	2.50	2.42	49.9	8.6	9	24.3	5.8
Q016041		6.34	<0.005	0.06	7.92	8.8	2440	1.51	0.15	2.95	0.50	43.9	8.0	12	11.75	4.6
Q016042		3.21	<0.005	0.10	7.64	49.9	2240	1.63	0.24	2.69	1.03	42.0	7.6	11	12.05	6.4
Q016043		2.57	<0.005	0.31	7.38	130.0	1200	1.49	0.35	2.41	3.13	42.0	7.3	9	14.25	12.3
Q016044		0.25	0.337	3.97	6.85	738	1060	1.42	3.09	2.02	10.85	48.3	11.5	24	11.50	322
Q016045		2.62	0.032	4.66	6.38	574	820	1.62	0.40	1.45	64.8	45.5	7.8	9	13.95	52.3
Q016046		3.39	<0.005	0.10	7.46	51.1	1990	1.62	0.58	2.97	2.42	41.0	8.0	11	8.50	7.2
Q016047		4.73	<0.005	0.08	7.76	26.1	2340	1.48	0.27	2.59	0.45	47.5	7.6	10	9.99	6.0
Q016048		4.97	<0.005	0.09	7.00	11.5	1800	1.50	0.15	2.93	0.15	39.1	7.3	9	12.15	5.1
Q016049		5.23	<0.005	0.07	7.71	3.1	2350	1.55	0.10	2.92	0.08	45.6	7.7	12	8.59	6.0
Q016050		<0.02	<0.005	0.07	7.89	2.4	2390	1.52	0.11	2.93	0.07	47.1	7.7	13	8.77	6.2
Q016051		4.40	<0.005	0.11	7.42	26.7	1610	1.56	0.09	3.54	0.17	45.2	8.0	10	14.60	5.7
Q016052		3.36	0.062	0.23	7.41	83.0	1920	1.64	0.14	2.66	0.73	43.3	7.3	10	15.30	5.6
Q016053		4.59	0.006	0.08	7.86	31.9	2310	1.66	0.10	2.88	0.15	53.3	8.1	12	7.78	5.5
Q016054		1.91	<0.005	0.08	7.21	26.3	2210	1.47	0.09	2.78	0.08	46.5	7.8	12	8.20	5.6
Q016055		4.46	<0.005	0.06	7.51	9.6	2260	1.48	0.09	2.87	0.11	42.0	8.1	13	10.85	4.2
Q016056		5.05	0.013	0.59	7.18	263	1670	1.30	0.12	2.79	3.18	42.7	8.4	10	15.45	19.8
Q016057		3.04	0.083	4.75	5.75	940	1460	1.21	0.22	4.39	5.64	44.3	5.4	7	14.00	55.1
Q016058		1.32	<0.005	0.01	0.05	1.0	20	0.05	0.02	20.4	0.08	1.03	0.6	2	0.10	5.6
Q016059		5.84	<0.005	0.06	7.27	12.4	2310	1.57	0.18	2.92	0.12	43.3	7.5	11	20.2	3.8
Q016060		2.02	<0.005	0.22	7.15	50.1	1490	1.57	0.13	2.27	1.08	39.7	9.1	10	23.1	5.9
Q016061		0.23	0.362	4.38	6.67	709	630	1.26	3.19	2.02	9.82	49.3	11.2	26	13.40	327
Q016062		3.01	0.015	0.96	7.12	35.9	1470	1.20	0.41	1.92	1.13	45.5	8.0	10	18.45	8.1
Q016063		3.82	<0.005	0.08	7.60	12.8	2080	1.48	0.12	2.80	0.15	47.8	7.8	11	14.30	8.2
Q016064		3.33	0.031	0.61	6.77	327	1060	1.43	0.18	3.52	0.66	52.1	7.8	11	23.4	28.0
Q016065		1.20	<0.005	0.01	0.06	0.4	70	0.06	0.02	20.4	0.05	1.16	0.6	1	0.13	2.3
Q016066		6.45	<0.005	0.07	7.08	16.6	2340	1.44	0.18	2.35	0.11	45.5	8.2	9	19.35	4.2
Q016067		5.14	<0.005	0.06	6.36	17.4	3430	1.50	0.16	3.83	0.12	46.3	6.8	8	19.15	2.6
Q016068		5.53	<0.005	0.05	6.76	13.7	1730	1.55	0.12	2.89	0.11	43.4	8.0	9	16.60	8.3
Q016069		3.41	0.015	0.28	7.16	48.6	1840	1.42	0.26	3.55	0.82	50.3	10.2	11	17.70	12.3
Q016070		3.19	<0.005	0.07	7.35	6.0	2220	1.77	0.32	2.80	0.09	42.9	8.7	12	10.95	11.8
Q016071		4.10	<0.005	0.53	6.77	40.4	1500	1.38	0.79	3.17	0.34	47.2	8.3	9	20.1	22.6
Q016072		4.95	0.008	0.36	7.29	30.5	1750	1.56	0.34	2.36	0.36	45.9	8.4	9	29.0	44.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092121

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016037		3.87	15.90	0.11	1.2	0.318	2.99	25.8	15.6	0.65	4020	2.03	0.04	7.0	2.2	460
Q016038		2.88	17.05	0.08	1.3	0.044	2.72	16.5	17.1	0.50	949	1.61	1.23	8.1	2.8	590
Q016039		2.76	16.35	0.08	1.2	0.043	2.44	18.3	52.3	0.61	1130	2.40	0.47	7.8	2.7	590
Q016040		3.34	18.15	0.11	1.3	0.050	2.79	25.1	24.0	0.64	918	7.73	1.23	8.2	3.5	720
Q016041		3.31	16.75	0.11	1.1	0.038	2.73	22.0	10.8	0.87	758	3.34	2.35	7.4	3.3	680
Q016042		3.13	16.70	0.11	1.1	0.043	2.60	21.2	11.8	0.73	700	2.22	2.16	7.3	3.1	670
Q016043		2.82	17.20	0.10	1.0	0.043	2.58	20.9	33.2	0.65	1200	0.75	0.45	7.1	2.7	640
Q016044		5.13	15.25	0.11	1.0	0.280	2.98	27.8	24.6	0.79	1930	14.65	0.15	5.5	14.8	560
Q016045		4.94	15.40	0.10	0.8	1.260	2.87	25.8	22.0	0.75	1960	0.49	0.03	5.5	2.3	510
Q016046		3.29	16.60	0.10	1.1	0.046	2.56	20.8	12.3	0.82	913	0.71	1.96	7.6	3.2	670
Q016047		2.99	16.50	0.13	1.0	0.036	2.67	25.9	16.1	0.76	658	0.60	2.06	7.0	2.8	630
Q016048		3.07	15.70	0.10	1.0	0.050	2.79	19.3	13.0	0.77	1120	1.08	1.37	6.7	2.7	610
Q016049		3.03	16.50	0.09	1.1	0.035	2.60	23.8	13.2	0.86	726	14.55	2.28	7.1	2.8	660
Q016050		3.13	16.75	0.09	1.1	0.037	2.64	24.9	13.3	0.87	733	13.15	2.32	7.1	2.9	670
Q016051		3.08	16.65	0.11	1.2	0.038	2.48	23.0	23.3	1.02	975	7.92	1.13	7.5	2.8	680
Q016052		3.12	16.70	0.12	1.2	0.058	2.97	22.3	14.1	0.67	1460	0.72	1.53	6.9	2.8	620
Q016053		3.19	17.05	0.11	1.2	0.039	2.69	28.1	14.0	0.91	867	1.12	2.24	7.4	3.0	670
Q016054		3.16	15.70	0.09	1.3	0.042	2.66	22.6	13.2	0.83	796	1.36	2.21	8.0	2.8	660
Q016055		3.13	15.95	0.12	1.1	0.040	2.57	20.5	16.1	0.91	885	2.14	2.10	7.8	2.7	670
Q016056		3.29	15.00	0.13	1.1	0.079	2.95	21.8	17.5	0.67	2970	0.89	1.02	7.4	2.8	620
Q016057		3.80	11.85	0.09	0.9	0.075	2.71	25.5	13.4	1.42	20900	2.43	0.04	5.4	1.8	450
Q016058		0.48	0.12	0.06	<0.1	<0.005	0.02	0.5	0.9	12.65	240	0.12	<0.01	0.1	1.4	160
Q016059		3.02	15.00	0.14	1.1	0.036	2.50	23.1	20.6	0.68	824	1.95	1.60	7.5	2.6	620
Q016060		3.13	15.80	0.12	1.2	0.047	2.65	19.2	41.8	0.64	1180	1.76	0.66	8.2	3.0	710
Q016061		4.97	13.95	0.13	1.0	0.292	2.97	28.0	23.1	0.77	1860	14.50	0.15	5.8	13.4	520
Q016062		3.23	14.55	0.12	1.0	0.055	2.52	23.3	32.0	0.55	1400	20.8	0.37	7.1	2.6	610
Q016063		2.98	16.10	0.13	1.1	0.036	2.89	24.7	35.5	0.78	812	0.96	1.79	7.5	2.7	630
Q016064		3.52	13.95	0.14	0.9	0.086	2.97	29.6	86.4	1.31	2720	8.44	0.17	6.3	2.7	540
Q016065		0.47	0.18	0.08	<0.1	0.006	0.02	0.6	1.2	12.80	216	0.06	0.01	0.1	1.4	170
Q016066		3.47	14.35	0.16	0.9	0.062	2.55	24.6	52.9	0.90	1280	4.49	0.53	7.2	2.8	610
Q016067		3.15	13.25	0.15	1.0	0.049	2.46	25.6	20.5	0.96	1360	0.84	0.74	6.8	2.5	570
Q016068		3.00	13.85	0.16	1.0	0.045	2.52	23.7	48.4	0.91	1120	0.79	0.36	6.9	2.5	570
Q016069		3.45	16.15	0.13	1.1	0.081	2.68	26.2	39.6	0.79	1390	5.09	0.28	8.6	3.2	690
Q016070		3.42	16.30	0.12	1.1	0.038	2.42	21.1	16.7	0.92	670	0.58	1.94	8.0	3.2	660
Q016071		2.81	16.00	0.13	1.0	0.046	2.87	23.6	39.3	0.72	1440	1.12	0.07	7.9	2.7	650
Q016072		3.50	16.05	0.13	1.0	0.054	2.95	23.6	36.4	0.83	1280	7.00	0.30	7.8	3.0	660

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092121

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016037		708	182.5	<0.002	0.47	26.7	11.2	1	4.3	45.6	0.54	0.43	11.3	0.230	2.30	3.6
Q016038		40.0	91.9	<0.002	0.03	9.51	10.2	1	1.6	245	0.65	<0.05	9.7	0.270	1.53	2.3
Q016039		19.4	83.5	<0.002	0.14	16.00	10.3	1	1.6	178.0	0.61	<0.05	9.6	0.268	1.94	3.1
Q016040		18.6	106.5	0.002	0.03	7.59	12.0	1	1.8	241	0.63	<0.05	10.2	0.309	1.53	2.4
Q016041		16.4	95.1	<0.002	0.01	1.73	10.4	1	1.6	408	0.56	<0.05	9.2	0.298	1.13	1.6
Q016042		16.1	94.9	<0.002	<0.01	2.38	10.2	1	1.6	369	0.54	<0.05	8.6	0.285	1.07	1.3
Q016043		75.6	112.0	<0.002	0.09	6.85	10.0	1	1.9	130.5	0.54	<0.05	8.8	0.264	1.59	2.0
Q016044		506	166.0	0.003	2.72	27.2	8.4	1	5.3	107.5	0.41	0.30	9.2	0.211	2.52	4.5
Q016045		1910	177.0	<0.002	2.13	11.10	8.6	1	4.5	42.5	0.40	<0.05	8.7	0.212	1.97	2.5
Q016046		28.9	93.9	<0.002	0.02	2.71	11.0	1	1.7	345	0.58	<0.05	8.3	0.292	1.13	1.4
Q016047		18.0	110.0	<0.002	0.01	4.75	10.2	1	1.9	363	0.54	<0.05	9.9	0.281	1.14	1.5
Q016048		18.1	113.0	<0.002	0.08	4.87	9.6	1	1.4	260	0.53	<0.05	8.1	0.267	1.63	2.1
Q016049		14.8	104.0	0.003	0.01	1.06	10.5	1	1.6	404	0.55	<0.05	10.1	0.291	1.07	1.4
Q016050		14.6	106.0	0.002	0.01	1.04	10.3	1	1.7	413	0.55	<0.05	10.4	0.286	1.06	1.5
Q016051		14.8	95.2	<0.002	0.08	3.53	10.2	<1	1.5	248	0.61	<0.05	9.1	0.289	1.42	3.2
Q016052		28.5	127.0	<0.002	0.20	4.79	9.3	1	1.6	294	0.58	<0.05	9.7	0.268	1.79	2.4
Q016053		16.7	111.5	<0.002	0.05	1.47	10.9	1	1.6	396	0.55	<0.05	10.5	0.281	1.10	1.9
Q016054		18.8	98.8	<0.002	0.01	1.19	10.7	1	1.6	387	0.66	<0.05	11.9	0.284	1.08	2.1
Q016055		16.5	109.0	<0.002	0.02	1.31	11.4	1	1.5	391	0.64	<0.05	10.3	0.291	1.11	2.0
Q016056		84.9	153.0	<0.002	0.48	16.40	10.5	1	1.9	231	0.62	<0.05	10.6	0.279	1.96	3.5
Q016057		757	200	<0.002	0.93	53.3	7.9	1	2.0	104.5	0.47	<0.05	11.9	0.193	2.45	4.6
Q016058		2.4	0.9	<0.002	<0.01	0.14	0.1	<1	<0.2	41.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q016059		19.7	94.4	<0.002	0.04	5.09	10.2	1	1.7	327	0.67	<0.05	12.1	0.270	1.47	2.5
Q016060		58.0	105.0	<0.002	0.15	9.33	11.3	1	1.8	155.0	0.67	<0.05	10.1	0.309	1.94	4.4
Q016061		487	170.5	0.005	2.68	26.8	8.8	1	5.4	104.0	0.48	0.35	11.8	0.213	2.31	5.2
Q016062		257	102.5	<0.002	0.14	15.80	10.1	<1	1.8	102.5	0.59	<0.05	10.7	0.276	1.70	3.3
Q016063		18.5	117.0	<0.002	0.03	5.16	11.1	1	1.5	344	0.60	<0.05	11.1	0.280	1.37	2.9
Q016064		55.8	177.5	<0.002	0.46	25.9	9.7	1	1.9	133.0	0.49	<0.05	11.8	0.239	2.70	5.4
Q016065		1.4	1.1	<0.002	0.01	0.13	0.2	<1	<0.2	44.9	<0.05	<0.05	<0.2	<0.005	0.02	0.8
Q016066		15.3	118.0	0.002	0.38	8.91	11.2	1	1.6	123.5	0.53	<0.05	10.3	0.277	1.71	3.7
Q016067		12.2	112.0	<0.002	0.24	6.62	10.2	1	1.3	147.0	0.56	<0.05	10.8	0.256	1.89	3.4
Q016068		15.3	115.5	<0.002	0.17	9.27	10.1	1	1.5	120.0	0.59	<0.05	11.4	0.257	2.07	3.2
Q016069		42.0	117.0	<0.002	0.32	9.56	13.0	1	2.4	206	0.66	<0.05	13.1	0.311	1.49	3.6
Q016070		14.8	87.6	<0.002	0.13	2.05	12.3	1	1.6	386	0.58	0.05	10.6	0.303	0.99	3.8
Q016071		30.7	113.0	<0.002	0.38	9.70	12.0	1	1.8	134.0	0.64	0.07	11.8	0.295	1.82	3.3
Q016072		21.7	133.5	<0.002	0.26	11.15	11.9	1	2.3	160.0	0.60	<0.05	11.7	0.296	1.74	4.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092121

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q016037		73	3.4	13.7	1620	25.2
Q016038		76	1.5	12.5	413	29.1
Q016039		74	1.9	14.2	321	29.9
Q016040		88	1.4	14.2	588	30.2
Q016041		85	1.0	13.9	154	26.0
Q016042		82	1.1	13.0	299	25.0
Q016043		82	2.4	12.0	474	25.1
Q016044		69	5.3	10.3	895	26.6
Q016045		68	2.3	9.3	4290	21.1
Q016046		85	0.8	13.9	401	26.0
Q016047		77	1.8	13.4	199	24.3
Q016048		78	1.9	12.1	68	25.9
Q016049		83	1.7	14.4	60	27.2
Q016050		84	1.6	14.5	59	26.9
Q016051		83	4.7	13.3	68	29.8
Q016052		74	2.0	12.8	115	29.6
Q016053		81	0.8	15.2	67	28.4
Q016054		81	0.6	17.0	61	33.7
Q016055		82	1.1	17.7	59	32.9
Q016056		76	3.0	14.8	340	27.8
Q016057		55	4.2	13.8	463	23.8
Q016058		1	0.1	0.7	19	<0.5
Q016059		76	1.2	15.2	69	27.7
Q016060		90	5.4	14.0	150	30.7
Q016061		67	5.6	12.3	871	30.0
Q016062		77	3.2	13.9	192	26.4
Q016063		78	0.9	16.6	58	28.1
Q016064		68	3.6	14.9	122	24.5
Q016065		2	0.1	0.8	14	<0.5
Q016066		73	3.1	14.2	76	24.7
Q016067		68	1.9	12.8	73	25.9
Q016068		69	1.7	13.9	65	25.5
Q016069		88	3.3	16.8	129	28.8
Q016070		81	1.1	16.5	53	27.9
Q016071		80	3.2	15.5	76	27.2
Q016072		79	2.7	14.1	97	26.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092121

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

CERTIFICATE WH14092122

Project: KLAZA

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

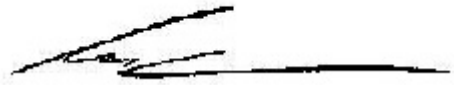
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092122

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016001		2.65	<0.005	0.17	6.72	26.4	430	1.43	0.19	2.53	0.15	34.5	8.6	11	17.55	16.3
Q016002		4.92	<0.005	0.25	6.61	26.0	800	1.67	0.55	3.48	0.23	46.4	10.0	11	16.85	9.7
Q016003		4.12	<0.005	0.27	6.49	61.4	950	1.57	0.73	3.13	0.22	38.4	7.5	12	20.0	7.3
Q016004		1.90	<0.005	0.26	6.61	62.4	1040	1.58	0.59	2.99	0.25	39.3	7.3	11	20.6	10.3
Q016005		2.37	0.022	1.87	6.66	181.0	1360	1.57	0.24	2.38	2.42	46.4	8.1	10	16.95	78.3
Q016006		4.86	0.007	0.50	6.44	63.3	1270	1.31	0.24	3.78	0.65	49.0	7.7	10	16.55	8.4
Q016007		2.96	0.085	2.88	6.06	489	1250	1.36	0.44	3.43	8.82	51.5	8.0	9	16.00	27.4
Q016008		2.23	<0.005	0.40	6.75	46.4	1750	1.45	0.36	3.57	0.29	49.2	8.8	11	21.5	9.5
Q016009		2.24	0.039	0.82	7.17	124.0	1460	1.58	0.57	1.78	1.68	48.1	8.3	12	16.40	25.9
Q016010		1.23	2.98	12.50	6.20	>10000	350	1.28	16.35	1.41	15.40	48.1	7.8	12	9.67	940
Q016011		1.37	<0.005	0.02	0.05	16.4	20	0.05	0.05	22.0	0.10	1.15	1.1	2	0.14	4.3
Q016012		1.31	<0.005	0.10	7.30	24.8	2230	1.89	0.20	2.38	0.14	41.7	9.2	10	12.40	11.6
Q016013		2.91	<0.005	0.07	6.57	7.8	1910	1.39	0.25	3.37	0.05	40.2	8.3	10	15.30	6.9
Q016014		0.19	0.350	4.71	6.66	733	400	1.37	3.46	2.05	10.65	50.8	12.5	26	13.70	323
Q016015		0.83	<0.005	0.18	6.74	49.7	1840	1.56	0.39	2.13	0.12	45.3	7.6	10	19.55	6.9
Q016016		1.78	0.110	1.07	3.65	436	680	1.01	0.63	6.64	0.76	31.7	7.4	8	11.20	9.3
Q016017		1.16	<0.005	0.12	6.97	15.0	1800	1.47	0.24	2.25	0.15	44.5	8.1	10	19.40	8.7
Q016018		0.97	<0.005	0.23	6.89	8.0	1140	1.37	1.19	2.38	0.11	50.5	10.3	9	12.95	9.2
Q016019		0.19	0.394	4.98	6.48	711	450	1.41	3.45	2.00	10.50	49.2	12.6	26	13.70	314
Q016020		2.18	0.010	0.41	6.86	80.4	800	1.27	0.80	4.11	0.32	48.4	10.5	8	12.35	11.6
Q016021		1.01	0.012	0.64	6.54	163.0	2230	1.47	0.26	4.11	7.12	47.2	8.0	8	20.0	7.1
Q016022		3.30	0.008	0.59	7.17	123.0	880	2.00	0.27	1.45	15.50	38.0	12.4	9	16.70	28.5
Q016023		2.94	1.080	48.4	6.30	2320	490	0.90	4.21	0.17	12.65	39.5	1.8	8	18.65	79.4
Q016024		3.51	0.736	25.8	4.45	1380	530	0.95	9.87	0.09	39.9	24.3	4.3	8	13.25	421
Q016025		3.29	3.54	19.25	7.05	1015	560	1.04	17.40	0.08	4.99	34.3	2.6	11	12.30	79.5
Q016026		3.24	0.417	4.51	7.17	676	1410	1.26	1.14	0.13	8.90	43.1	1.8	9	16.40	93.1
Q016027		<0.02	0.504	4.63	7.29	720	1450	1.34	0.99	0.13	8.77	41.7	1.9	11	16.55	94.0
Q016028		3.57	0.011	0.29	6.81	75.7	1340	1.52	0.46	1.22	25.8	38.1	11.1	9	14.30	10.8
Q016029		5.60	0.017	0.61	5.87	21.3	1510	1.70	0.43	3.75	4.43	35.1	8.4	10	16.00	15.9
Q016030		4.20	<0.005	0.10	6.71	9.8	2180	1.40	0.31	3.49	0.39	36.6	8.2	9	12.20	9.2
Q016031		3.99	<0.005	0.08	7.16	19.2	1900	1.47	0.25	2.99	0.31	39.5	9.0	11	13.35	6.9
Q016032		3.12	<0.005	0.12	6.46	28.0	1150	1.40	0.27	3.09	0.25	39.6	10.9	8	17.00	10.6
Q016033		1.45	<0.005	0.07	0.05	0.6	20	<0.05	0.02	20.9	0.09	1.01	0.7	<1	0.12	1.7
Q016034		2.60	0.013	0.86	7.73	451	1340	1.49	0.22	0.36	6.55	46.9	9.5	9	18.55	19.8
Q016035		4.73	<0.005	0.16	7.43	90.2	2610	1.51	0.18	1.61	2.63	37.4	7.7	9	13.20	8.1
Q016036		3.32	<0.005	0.07	7.48	70.1	2080	1.50	0.33	2.61	1.58	41.0	8.4	11	10.95	4.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092122

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016001		2.66	17.40	0.21	1.7	0.051	1.91	15.4	128.5	0.64	946	0.85	0.02	9.0	3.4	660
Q016002		3.05	15.75	0.22	1.5	0.039	2.35	24.6	86.7	1.02	1520	0.79	0.03	8.0	3.1	560
Q016003		2.89	16.65	0.23	1.5	0.068	3.01	17.7	46.9	0.70	1650	1.08	0.06	7.9	2.9	610
Q016004		2.96	16.60	0.24	1.5	0.060	3.11	18.2	44.9	0.70	1610	0.90	0.08	7.6	3.1	600
Q016005		3.41	16.85	0.23	1.4	0.092	3.26	23.6	36.8	0.80	5720	1.08	0.06	8.0	2.8	580
Q016006		2.96	14.95	0.21	1.2	0.045	1.50	27.2	151.5	1.27	2410	1.32	0.02	6.7	2.7	530
Q016007		3.95	14.55	0.17	1.3	0.131	2.80	29.4	15.5	1.08	10250	2.58	0.02	6.7	2.7	510
Q016008		3.19	16.40	0.20	1.4	0.038	2.31	25.7	21.2	0.91	1700	0.70	1.06	8.0	3.0	610
Q016009		3.34	16.85	0.23	1.3	0.082	2.80	24.7	25.4	0.72	1950	1.33	0.62	7.9	3.1	630
Q016010		6.32	15.05	0.13	1.1	1.135	2.74	25.8	16.9	0.62	2620	1.50	0.04	6.7	2.9	550
Q016011		0.49	0.27	0.18	<0.1	<0.005	0.02	0.5	1.3	13.90	226	0.15	<0.01	0.1	2.1	190
Q016012		3.46	16.60	0.20	1.4	0.045	2.61	19.4	26.7	0.90	651	1.46	1.38	8.4	3.8	650
Q016013		2.62	16.40	0.25	1.1	0.029	2.34	20.9	36.4	0.84	862	0.73	0.07	6.7	2.5	550
Q016014		5.12	15.95	0.15	1.1	0.310	2.93	28.9	25.5	0.78	1960	15.95	0.15	6.2	15.1	540
Q016015		2.81	16.55	0.19	1.2	0.065	2.98	23.1	30.5	0.75	1540	526	0.04	8.4	3.0	610
Q016016		3.80	8.68	0.07	0.5	0.056	1.53	16.4	22.3	1.79	3520	11.75	0.02	3.7	2.6	270
Q016017		2.89	17.15	0.21	1.2	0.039	2.79	22.5	38.8	0.70	1240	3.55	0.29	7.9	2.8	630
Q016018		3.31	17.65	0.20	1.2	0.055	1.87	26.8	28.5	0.79	1220	4.01	0.32	7.1	2.6	580
Q016019		4.99	16.30	0.14	1.1	0.306	2.89	27.6	26.1	0.76	1900	15.65	0.15	6.2	15.7	530
Q016020		3.37	15.10	0.18	1.1	0.054	1.60	26.9	73.9	1.43	1880	0.89	0.02	7.2	3.7	590
Q016021		2.98	14.35	0.20	1.3	0.044	2.49	25.6	31.4	1.39	2170	0.43	0.05	6.6	2.5	530
Q016022		3.74	19.25	0.18	1.5	0.074	3.80	16.6	28.1	0.30	3470	2.13	0.02	8.9	4.0	660
Q016023		6.08	16.50	0.10	1.1	0.323	2.97	21.5	13.2	0.21	425	9.38	0.03	6.6	3.1	510
Q016024		4.27	12.60	0.09	0.8	0.477	2.01	13.1	31.7	0.14	6150	7.98	0.02	4.4	2.4	210
Q016025		3.22	19.60	0.14	1.2	0.462	3.43	18.0	11.2	0.23	526	6.84	0.03	7.5	1.9	260
Q016026		4.63	17.15	0.20	1.3	0.607	3.37	23.6	9.7	0.26	364	2.79	0.02	7.2	2.3	520
Q016027		4.66	17.30	0.16	1.2	0.607	3.42	22.9	9.9	0.26	340	2.95	0.02	7.3	1.9	530
Q016028		4.75	17.05	0.17	1.1	0.146	3.33	17.1	29.7	0.29	4360	0.54	0.02	7.2	3.8	570
Q016029		3.13	16.45	0.23	1.4	0.126	2.62	15.3	27.6	0.33	1380	0.62	0.48	8.4	3.0	600
Q016030		3.10	16.85	0.23	1.1	0.044	2.45	16.4	37.9	0.47	817	0.54	0.51	8.2	3.7	670
Q016031		3.22	18.35	0.26	1.3	0.044	2.65	18.2	18.7	0.65	863	0.61	0.90	8.6	3.5	680
Q016032		3.46	17.80	0.21	1.1	0.066	2.67	19.3	37.8	0.75	1770	1.92	0.03	6.6	3.3	530
Q016033		0.49	0.17	0.15	<0.1	0.006	0.02	0.5	1.0	13.40	223	0.17	<0.01	0.1	1.8	180
Q016034		4.09	15.80	0.17	1.1	0.198	3.40	26.4	19.2	0.26	3830	3.25	0.03	6.9	2.9	610
Q016035		3.39	16.65	0.17	1.1	0.055	2.72	16.7	30.9	0.48	1520	2.00	0.07	7.6	3.5	670
Q016036		3.22	16.65	0.15	1.2	0.040	2.41	19.0	9.6	0.81	1120	0.57	2.06	7.8	3.0	690

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092122

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016001		15.1	60.2	<0.002	0.14	16.45	11.4	<1	2.0	105.0	0.79	<0.05	9.4	0.288	2.01	4.0
Q016002		18.8	108.0	<0.002	0.27	13.75	10.8	1	1.7	95.9	0.79	<0.05	11.3	0.249	1.91	5.5
Q016003		24.8	126.5	<0.002	0.19	10.85	10.7	1	1.9	112.5	0.63	<0.05	9.9	0.265	2.44	4.3
Q016004		25.0	133.5	<0.002	0.22	12.10	10.7	<1	2.1	106.5	0.64	<0.05	10.0	0.260	2.50	4.1
Q016005		130.0	184.0	<0.002	0.63	26.7	11.0	1	2.0	99.5	0.71	<0.05	12.2	0.252	3.15	5.8
Q016006		48.1	83.8	<0.002	0.23	24.0	10.6	1	1.4	159.0	0.52	<0.05	11.7	0.226	1.52	4.7
Q016007		313	205	<0.002	1.44	31.1	10.8	1	2.2	88.3	0.56	<0.05	12.0	0.219	3.06	5.9
Q016008		25.1	104.0	<0.002	0.08	8.24	11.6	1	1.7	235	0.65	<0.05	12.3	0.259	1.24	4.2
Q016009		101.0	131.5	<0.002	0.58	16.70	11.8	1	3.1	153.5	0.66	<0.05	13.0	0.263	1.92	3.7
Q016010		712	182.5	<0.002	3.69	62.4	10.9	1	6.2	47.0	0.55	0.06	11.9	0.228	2.46	2.8
Q016011		2.5	1.2	<0.002	0.01	0.17	0.3	<1	<0.2	52.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q016012		19.3	98.4	<0.002	0.02	4.64	11.4	1	1.8	258	0.72	<0.05	11.1	0.281	1.20	4.1
Q016013		10.7	102.0	<0.002	0.12	12.85	9.6	<1	1.6	109.5	0.55	<0.05	10.1	0.228	1.30	3.5
Q016014		503	164.5	0.005	2.69	29.3	9.5	1	5.8	111.5	0.52	0.30	11.6	0.210	2.59	5.3
Q016015		15.5	148.0	0.059	0.30	19.35	11.6	1	1.8	76.2	0.63	<0.05	10.8	0.264	2.26	9.8
Q016016		58.4	108.0	<0.002	0.62	47.3	6.9	1	1.3	332	0.28	<0.05	6.0	0.127	1.57	11.6
Q016017		16.8	119.5	<0.002	0.05	15.40	11.6	1	1.7	119.0	0.61	<0.05	11.1	0.266	1.73	3.3
Q016018		14.8	87.1	0.003	0.20	34.2	11.5	1	2.2	102.5	0.59	0.06	11.9	0.246	1.17	19.7
Q016019		500	161.5	0.005	2.62	29.5	9.6	1	5.7	110.5	0.47	0.29	11.4	0.200	2.57	5.3
Q016020		24.7	95.2	<0.002	0.34	18.85	11.3	1	2.1	126.5	0.55	<0.05	11.2	0.257	1.62	10.9
Q016021		133.5	141.0	<0.002	0.36	12.40	10.2	1	1.4	139.5	0.57	<0.05	12.1	0.231	2.39	10.3
Q016022		74.6	224	<0.002	0.03	13.30	14.5	<1	2.1	41.7	0.69	<0.05	10.1	0.302	2.95	4.5
Q016023		3800	203	<0.002	0.75	206	9.6	<1	9.9	191.5	0.53	<0.05	10.6	0.229	2.52	5.9
Q016024		2580	136.5	<0.002	0.30	195.5	7.4	<1	8.5	67.5	0.37	<0.05	5.7	0.151	1.62	6.4
Q016025		1820	215	<0.002	0.18	339	11.2	<1	13.3	60.4	0.61	<0.05	8.5	0.250	2.28	4.4
Q016026		1490	224	<0.002	0.13	44.7	10.8	<1	5.2	57.5	0.61	<0.05	12.0	0.237	2.36	5.7
Q016027		1570	230	<0.002	0.13	47.5	11.0	<1	5.0	59.5	0.60	<0.05	12.2	0.241	2.36	5.7
Q016028		45.0	193.0	<0.002	0.30	10.90	10.9	1	2.4	39.2	0.58	<0.05	10.7	0.254	2.45	4.3
Q016029		261	110.0	<0.002	0.18	11.30	9.7	1	3.3	121.0	0.73	<0.05	8.6	0.274	1.66	3.7
Q016030		20.8	87.5	<0.002	0.01	11.30	11.3	<1	2.1	179.0	0.60	<0.05	7.8	0.293	1.30	2.0
Q016031		19.3	103.5	<0.002	0.01	9.00	12.1	<1	2.0	201	0.67	<0.05	10.1	0.296	1.43	1.9
Q016032		11.2	149.0	<0.002	0.23	16.45	10.2	1	2.8	79.6	0.52	<0.05	10.0	0.232	1.87	2.9
Q016033		2.1	0.9	<0.002	<0.01	0.18	0.2	<1	<0.2	45.4	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q016034		483	198.5	0.002	0.06	22.0	11.0	1	5.4	49.6	0.59	<0.05	11.3	0.264	2.64	4.2
Q016035		47.2	114.0	<0.002	0.09	14.45	11.0	1	2.2	71.4	0.60	<0.05	9.3	0.290	1.78	3.5
Q016036		33.1	76.8	<0.002	<0.01	3.85	11.4	1	1.8	372	0.66	<0.05	10.1	0.293	1.11	1.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092122

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q016001		84	7.8	12.1	70	45.0
Q016002		71	4.0	15.0	76	39.6
Q016003		75	2.4	13.0	70	40.3
Q016004		73	2.2	13.0	72	38.4
Q016005		71	4.2	15.3	268	32.4
Q016006		66	6.8	16.1	115	31.5
Q016007		62	5.0	15.0	773	32.6
Q016008		77	2.6	18.0	85	32.5
Q016009		76	3.7	14.0	317	31.5
Q016010		67	6.3	11.9	1860	25.1
Q016011		2	0.1	0.8	20	<0.5
Q016012		82	1.8	14.3	223	32.4
Q016013		71	3.1	12.3	54	27.4
Q016014		68	5.8	11.9	923	30.7
Q016015		76	110.5	15.2	88	30.0
Q016016		53	3.9	17.4	126	14.5
Q016017		79	3.0	14.7	82	30.1
Q016018		85	3.7	19.2	91	28.7
Q016019		66	5.7	11.8	890	29.7
Q016020		69	5.1	16.6	112	27.9
Q016021		64	2.9	16.6	437	30.6
Q016022		102	2.3	13.1	1770	34.4
Q016023		66	4.3	5.0	1170	27.5
Q016024		49	3.0	6.7	2210	20.2
Q016025		70	5.8	3.5	533	31.0
Q016026		69	3.5	5.7	1630	29.1
Q016027		70	3.6	5.5	1640	29.7
Q016028		73	3.0	13.3	2980	27.5
Q016029		76	2.1	10.7	381	32.7
Q016030		83	3.3	11.2	82	28.1
Q016031		84	1.6	13.9	101	30.4
Q016032		76	3.6	13.4	109	26.5
Q016033		2	0.1	0.7	16	<0.5
Q016034		79	3.2	13.3	1430	25.2
Q016035		84	3.0	12.5	507	27.6
Q016036		85	1.1	15.2	386	28.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14092122

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

CERTIFICATE WH14093780

Project: KLAZA

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

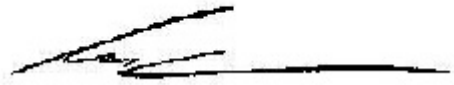
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093780

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016109		2.44	0.025	1.09	8.56	111.0	2270	1.85	0.40	0.27	0.66	48.5	9.3	13	26.1	8.1
Q016110		5.21	<0.005	0.27	8.27	88.2	1470	1.46	0.34	0.30	0.37	56.5	8.3	9	15.95	20.3
Q016111		3.82	<0.005	0.69	7.94	96.3	1700	1.50	0.41	2.24	2.93	53.8	9.2	12	30.8	15.9
Q016112		4.03	<0.005	0.16	7.24	8.9	2060	1.65	0.36	2.36	0.31	47.4	8.0	10	16.25	8.4
Q016113		1.92	<0.005	0.13	7.73	8.4	2190	1.56	0.31	2.41	0.25	48.6	8.1	11	16.50	8.7
Q016114		5.19	0.077	0.56	7.48	84.6	1080	1.56	0.54	2.15	1.43	47.7	6.2	10	16.25	13.9
Q016115		8.08	<0.005	0.57	7.76	23.2	2320	1.45	0.59	2.34	1.94	54.0	8.4	9	16.50	81.0
Q016116		5.12	<0.005	0.23	7.66	52.7	1340	1.57	0.42	2.58	0.47	48.7	8.0	9	19.90	11.8
Q016117		4.19	0.190	9.03	6.44	560	920	1.51	0.66	2.72	17.05	42.7	8.2	8	17.85	148.5
Q016118		5.30	0.100	5.00	6.36	314	750	1.43	0.52	2.57	8.79	45.4	6.2	10	17.55	135.5
Q016119		5.17	<0.005	0.03	0.09	0.9	30	0.06	0.18	21.3	0.06	1.28	0.6	1	0.27	3.5
Q016120		3.24	<0.005	0.32	8.02	33.7	1790	1.34	0.42	1.59	1.21	44.9	6.8	10	27.5	20.1
Q016121		6.65	<0.005	0.19	8.05	14.0	1170	1.32	0.42	1.47	0.53	50.0	8.0	10	22.1	21.0
Q016122		6.79	<0.005	0.10	7.87	11.4	1240	1.41	0.88	2.28	0.12	47.9	8.4	9	19.85	9.4
Q016123		0.23	0.388	4.42	6.65	707	1220	1.35	3.42	2.00	10.40	47.0	11.9	24	13.00	307
Q016124		8.00	<0.005	0.14	7.12	16.1	2080	1.49	0.63	2.59	0.10	41.3	7.6	10	19.70	7.8
Q016125		6.21	<0.005	0.12	8.02	16.4	970	1.50	0.43	2.37	0.13	49.2	8.5	10	23.5	7.8
Q016126		3.24	<0.005	0.19	7.12	15.0	2050	1.53	0.44	2.21	0.36	45.7	7.5	8	22.0	11.4
Q016127		3.15	<0.005	0.22	5.89	19.2	1850	1.30	0.40	2.34	0.53	44.5	6.8	9	14.85	8.3
Q016128		<0.02	<0.005	0.21	5.97	18.8	1940	1.34	0.38	2.35	0.53	43.6	6.7	9	15.00	8.6
Q016129		2.59	<0.005	0.14	7.74	13.5	770	1.69	0.29	2.16	0.28	50.0	7.5	8	26.9	7.8
Q016130		4.00	<0.005	0.25	7.52	13.6	1640	1.65	0.85	2.24	0.19	45.7	8.2	11	25.0	10.6
Q016131		3.31	<0.005	0.07	7.57	3.8	2180	1.67	0.44	2.34	0.09	47.5	8.6	11	8.86	9.0
Q016132		5.92	<0.005	0.09	7.79	7.7	2240	1.53	0.50	3.01	0.08	51.9	8.3	11	10.35	12.1
Q016133		4.42	<0.005	0.18	7.27	3.3	2100	1.50	1.42	2.82	0.08	49.2	8.5	10	9.59	12.4
Q016134		4.74	<0.005	0.07	7.69	6.7	1970	1.61	0.45	2.68	0.12	48.3	8.0	11	11.15	8.8
Q016135		1.27	<0.005	<0.01	0.07	<0.2	20	0.05	0.04	20.6	0.06	1.15	0.6	<1	0.14	2.4
Q016136		3.14	0.029	6.81	6.44	133.5	2710	1.49	0.39	3.34	1.27	31.6	11.0	10	21.2	41.7
Q016137		3.78	<0.005	0.10	7.94	5.8	2140	1.64	0.30	3.03	0.06	50.5	9.3	12	12.55	10.0
Q016138		4.57	<0.005	0.16	7.09	10.0	2320	1.55	0.29	2.97	0.07	39.1	8.0	9	12.25	10.6
Q016139		5.20	<0.005	0.15	7.19	13.9	2110	1.81	0.51	2.84	0.19	36.7	7.7	9	12.00	9.1
Q016140		5.75	<0.005	0.08	7.26	4.2	2020	1.54	0.37	2.82	0.13	41.7	7.9	13	6.85	9.8
Q016141		4.33	<0.005	0.10	6.91	2.9	2080	1.51	0.81	2.69	0.10	40.0	7.8	13	6.78	8.6
Q016142		2.40	<0.005	0.42	6.60	16.0	2060	1.45	1.31	3.09	0.81	37.6	7.4	11	11.50	12.3
Q016143		4.62	<0.005	0.12	7.16	2.6	2080	1.51	0.69	2.76	0.12	42.6	7.4	14	7.56	12.3
Q016144		0.77	<0.005	0.18	6.95	8.2	9680	1.72	0.65	3.80	0.13	42.9	8.4	12	17.10	3.9

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016109		3.59	18.55	0.11	1.3	0.097	3.66	27.6	21.4	0.26	3970	2.58	0.05	8.5	3.3	710
Q016110		3.38	17.60	0.10	1.3	0.085	2.73	35.0	74.5	0.21	1360	4.00	0.15	8.0	2.8	660
Q016111		4.08	17.45	0.09	1.2	0.217	2.84	29.0	83.4	0.86	1160	1.27	0.31	7.8	2.9	640
Q016112		3.04	16.90	0.09	1.2	0.047	2.77	23.4	20.0	0.74	898	0.65	1.88	7.9	2.8	630
Q016113		3.24	17.70	0.12	1.2	0.043	2.92	24.2	21.4	0.74	924	1.37	1.80	8.2	3.0	680
Q016114		4.29	16.75	0.09	1.0	0.172	3.26	25.3	27.0	0.87	2970	0.65	0.05	7.7	2.5	600
Q016115		3.33	17.15	0.09	1.2	0.065	3.38	28.7	24.3	0.84	1180	1.04	1.01	7.8	3.2	650
Q016116		3.13	16.60	0.12	1.1	0.049	3.47	25.9	41.8	0.95	2380	1.06	0.19	7.6	2.9	620
Q016117		3.63	15.95	0.12	1.0	0.109	2.78	23.4	58.7	0.99	6650	1.01	0.02	6.8	3.5	510
Q016118		3.21	15.05	0.08	0.9	0.091	2.83	24.6	40.8	0.91	5550	1.36	0.04	6.4	8.0	480
Q016119		0.50	0.27	0.10	<0.1	0.005	0.04	0.6	1.3	13.10	240	<0.05	0.01	0.2	1.8	180
Q016120		3.00	16.65	0.13	1.0	0.045	2.34	23.4	45.5	0.66	1480	0.78	0.05	7.8	2.3	660
Q016121		3.24	17.20	0.12	1.1	0.053	2.23	27.1	42.6	0.67	1240	0.57	0.04	8.0	3.0	660
Q016122		3.15	16.95	0.12	1.4	0.039	2.34	24.8	81.2	0.86	1020	1.40	0.06	8.0	2.7	660
Q016123		4.96	15.55	0.09	1.1	0.298	2.94	27.5	24.9	0.77	1860	14.15	0.15	6.0	14.0	530
Q016124		3.03	16.60	0.11	1.3	0.041	2.38	20.5	73.5	0.94	933	1.37	0.05	7.7	3.4	620
Q016125		3.22	17.35	0.08	1.4	0.043	2.06	25.9	93.7	0.94	900	0.66	0.03	8.1	2.7	660
Q016126		2.98	15.45	0.10	1.2	0.034	2.11	24.7	69.3	0.85	1090	0.70	0.04	7.1	2.8	590
Q016127		2.45	13.10	0.08	1.1	0.032	1.54	24.1	65.7	0.78	1340	1.03	0.02	6.2	2.6	470
Q016128		2.51	13.10	0.08	1.1	0.038	1.54	23.9	65.7	0.79	1340	1.13	0.03	6.2	3.5	490
Q016129		3.07	16.85	0.10	1.3	0.048	1.94	26.2	182.0	0.82	1080	0.57	0.03	7.9	2.7	710
Q016130		3.28	17.15	0.10	1.3	0.062	2.69	22.5	35.6	0.82	1140	0.58	0.55	8.4	3.2	750
Q016131		3.12	17.10	0.06	1.2	0.039	2.50	25.2	20.8	0.85	804	0.67	2.18	7.9	3.2	680
Q016132		3.40	17.60	0.12	1.2	0.065	2.72	28.2	14.4	0.80	1210	0.69	1.96	8.3	3.1	690
Q016133		3.26	17.60	0.13	1.3	0.062	2.71	24.9	17.1	0.75	1030	0.59	1.89	8.1	2.8	670
Q016134		3.20	17.80	0.09	1.3	0.042	2.67	24.2	27.8	0.79	751	0.61	1.84	8.2	2.8	700
Q016135		0.47	0.23	0.19	<0.1	<0.005	0.02	0.5	0.9	12.80	204	<0.05	0.01	0.1	1.6	170
Q016136		4.05	15.95	0.12	1.2	0.093	2.79	14.3	38.2	0.25	4560	4.12	0.05	7.3	3.4	580
Q016137		3.46	17.35	0.12	1.3	0.056	2.91	26.7	15.8	0.74	905	0.87	1.79	8.3	3.0	690
Q016138		3.10	16.55	0.11	1.3	0.039	2.71	19.1	14.8	0.64	905	0.87	1.58	7.8	2.9	630
Q016139		3.11	16.65	0.18	1.3	0.044	2.79	16.8	19.6	0.74	964	1.74	1.35	7.8	2.7	630
Q016140		3.06	16.50	0.16	1.4	0.047	2.58	21.1	14.7	0.84	750	1.23	2.11	7.9	2.9	610
Q016141		3.00	16.40	0.18	1.2	0.040	2.53	20.1	12.7	0.81	675	0.75	2.17	7.5	2.8	620
Q016142		2.97	16.40	0.18	1.1	0.085	2.47	17.6	18.5	0.42	1340	1.73	1.45	7.5	2.7	610
Q016143		2.98	15.95	0.16	1.1	0.040	2.64	21.2	8.8	0.76	720	0.67	2.09	7.3	2.8	610
Q016144		3.38	15.80	0.16	1.4	0.068	2.93	21.2	16.2	0.82	1310	0.32	1.27	8.2	2.5	700

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016109		36.5	207	0.003	0.02	20.2	12.8	<1	2.7	50.6	0.70	<0.05	15.1	0.309	3.10	4.6
Q016110		22.3	132.5	0.003	0.01	19.05	12.1	1	1.9	79.0	0.70	<0.05	14.9	0.287	2.07	4.3
Q016111		142.5	125.0	0.002	0.75	16.55	11.3	1	3.3	152.0	0.66	<0.05	14.3	0.283	1.42	4.1
Q016112		29.5	107.5	0.002	0.01	4.65	11.0	1	1.6	336	0.66	<0.05	12.5	0.278	1.23	3.1
Q016113		29.7	114.5	0.003	0.01	6.44	11.2	1	1.8	323	0.70	<0.05	13.5	0.291	1.17	3.2
Q016114		78.3	168.5	0.003	0.55	13.10	10.6	1	3.0	64.7	0.63	<0.05	13.1	0.266	2.10	4.3
Q016115		176.5	138.0	0.003	0.06	9.18	11.1	1	1.7	218	0.65	<0.05	12.8	0.289	1.82	2.4
Q016116		32.6	174.0	0.003	0.23	14.25	10.7	1	1.6	94.6	0.61	<0.05	13.0	0.272	2.20	4.8
Q016117		1320	195.5	0.004	1.69	97.0	9.9	1	2.8	78.2	0.52	<0.05	11.9	0.231	2.68	7.1
Q016118		625	194.0	0.003	1.35	92.9	9.0	1	1.9	67.6	0.50	<0.05	11.8	0.223	2.61	5.5
Q016119		3.9	2.0	0.003	0.01	0.32	0.2	<1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	0.02	0.9
Q016120		31.8	89.7	0.003	0.08	32.4	10.7	1	1.7	86.4	0.60	<0.05	12.9	0.284	1.26	2.7
Q016121		16.6	97.6	0.003	0.08	42.4	11.8	1	1.7	66.4	0.65	<0.05	13.3	0.283	1.28	3.7
Q016122		18.1	85.2	0.003	0.13	17.25	11.5	1	1.6	163.0	0.64	<0.05	12.7	0.287	1.33	4.9
Q016123		497	160.5	0.006	2.73	28.2	8.8	1	5.5	107.0	0.49	0.30	11.2	0.204	2.32	5.1
Q016124		15.4	86.7	0.003	0.14	15.90	10.9	1	1.6	173.0	0.61	<0.05	10.8	0.274	1.45	3.1
Q016125		15.9	87.0	0.003	0.15	15.55	11.7	<1	1.7	173.0	0.68	<0.05	13.6	0.290	1.48	3.5
Q016126		24.5	92.6	0.004	0.14	26.5	10.5	1	2.0	159.0	0.60	<0.05	11.6	0.256	1.43	3.6
Q016127		16.8	76.6	0.003	0.20	43.4	8.9	1	1.6	155.0	0.50	<0.05	10.9	0.214	1.10	5.9
Q016128		18.2	76.5	0.003	0.21	44.0	8.6	1	1.5	158.5	0.50	<0.05	10.6	0.212	1.07	5.0
Q016129		13.7	84.5	0.003	0.11	24.2	11.2	1	1.7	193.5	0.67	<0.05	12.9	0.288	1.23	2.5
Q016130		22.5	103.5	0.003	0.14	12.60	11.6	1	2.3	199.5	0.68	<0.05	11.6	0.302	1.53	4.2
Q016131		18.1	98.4	0.004	0.01	2.07	11.7	1	1.8	376	0.62	<0.05	12.4	0.295	0.94	1.6
Q016132		18.3	123.5	0.003	0.02	2.39	12.2	1	2.1	372	0.62	<0.05	12.5	0.294	1.22	2.9
Q016133		20.8	109.5	0.004	0.04	3.02	11.4	1	2.4	343	0.69	<0.05	12.6	0.287	1.18	2.1
Q016134		17.0	103.0	0.003	0.02	5.62	11.8	1	2.1	343	0.67	<0.05	13.1	0.304	1.07	2.1
Q016135		1.3	1.1	0.004	<0.01	0.10	0.2	<1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q016136		234	130.0	0.003	0.19	31.9	10.3	1	2.2	94.0	0.60	<0.05	10.1	0.265	2.55	5.1
Q016137		17.7	128.0	0.004	0.06	6.22	12.2	1	2.1	330	0.67	<0.05	13.3	0.299	1.26	2.7
Q016138		18.6	101.0	0.003	0.02	4.67	10.8	1	1.8	293	0.67	<0.05	11.3	0.279	1.21	2.2
Q016139		20.0	100.0	<0.002	0.01	3.08	10.4	1	1.9	248	0.63	<0.05	10.2	0.271	1.30	1.6
Q016140		17.5	93.9	<0.002	0.01	1.57	10.5	1	1.8	359	0.70	<0.05	11.2	0.269	0.99	2.4
Q016141		19.1	82.2	<0.002	0.01	0.96	10.5	1	1.6	380	0.64	<0.05	10.4	0.267	0.93	1.8
Q016142		33.0	87.8	<0.002	0.03	6.95	9.7	<1	2.1	257	0.60	<0.05	8.9	0.271	1.30	2.0
Q016143		20.0	85.4	<0.002	0.01	2.11	10.0	<1	1.8	351	0.58	<0.05	10.4	0.276	1.02	1.3
Q016144		15.8	110.0	<0.002	0.44	5.09	10.8	1	2.2	352	0.71	<0.05	10.7	0.309	1.82	3.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016109		91	2.4	19.9	231	32.0
Q016110		80	3.5	20.7	121	33.6
Q016111		79	3.8	16.9	317	27.2
Q016112		77	1.8	16.1	97	27.6
Q016113		80	2.2	16.2	96	29.1
Q016114		72	4.6	14.4	240	25.2
Q016115		80	2.6	15.6	358	27.6
Q016116		73	2.2	14.3	140	26.2
Q016117		64	4.5	13.1	1320	24.5
Q016118		65	3.2	11.8	759	24.3
Q016119		2	0.1	0.8	21	0.5
Q016120		75	6.8	14.2	250	26.3
Q016121		79	6.0	15.6	148	26.7
Q016122		80	4.2	15.5	68	32.2
Q016123		65	5.4	11.4	858	30.3
Q016124		76	1.7	14.1	67	30.7
Q016125		81	2.5	16.1	70	31.0
Q016126		75	2.4	14.8	84	27.5
Q016127		63	3.1	12.3	77	25.4
Q016128		65	3.1	12.3	79	26.3
Q016129		73	4.4	14.7	82	30.7
Q016130		85	3.2	16.2	74	32.7
Q016131		83	0.9	16.7	58	30.0
Q016132		82	0.9	18.6	63	30.3
Q016133		82	1.3	17.1	63	31.0
Q016134		85	2.0	16.6	60	31.9
Q016135		2	0.1	0.8	16	0.6
Q016136		79	4.8	13.6	242	30.8
Q016137		84	3.3	16.6	62	31.3
Q016138		76	1.8	15.1	56	31.9
Q016139		77	2.1	13.7	72	32.9
Q016140		77	3.4	15.5	60	30.9
Q016141		76	0.7	15.1	55	29.1
Q016142		75	1.8	13.1	177	29.2
Q016143		76	0.5	13.0	63	27.9
Q016144		74	1.4	10.9	94	30.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093780

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

CERTIFICATE WH14093781

Project: KLAZA

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

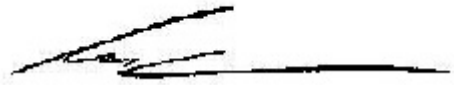
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093781

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016145		4.45	0.011	0.14	6.48	38.1	1460	1.48	0.32	3.79	0.16	37.7	8.5	10	15.85	9.4
Q016146		3.24	<0.005	0.08	8.21	3.9	2440	1.19	0.28	2.33	0.09	45.7	8.5	13	8.55	13.8
Q016147		0.97	<0.005	0.07	7.51	3.4	2640	1.33	0.28	2.65	0.10	34.3	8.3	10	9.57	15.0
Q016148		3.34	<0.005	0.08	7.08	3.1	2140	1.64	0.26	3.27	0.13	39.0	7.8	10	7.59	5.6
Q016149		6.31	<0.005	0.11	7.63	3.4	2160	1.59	0.29	2.42	0.12	42.8	8.2	11	7.63	7.4
Q016150		4.05	<0.005	0.18	7.30	6.7	2620	1.33	1.00	4.78	0.15	32.9	8.9	11	13.00	8.1
Q016151		0.23	0.350	4.09	6.98	754	1200	1.50	3.30	2.09	11.10	48.8	12.1	25	12.00	330
Q016152		2.10	<0.005	0.20	7.82	6.5	1630	1.72	0.60	2.66	0.14	47.6	7.6	9	17.45	10.9
Q016153		4.59	<0.005	0.57	7.93	13.8	1990	1.50	2.11	2.90	0.40	46.3	9.3	11	11.80	26.4
Q016154		2.32	0.048	6.77	7.11	687	1070	1.58	0.63	4.16	1.42	44.4	8.6	6	24.2	10.7
Q016155		1.58	<0.005	0.01	0.09	1.4	30	0.06	0.03	20.6	0.06	1.01	0.7	1	0.24	3.6
Q016156		6.87	<0.005	0.10	7.49	23.3	2250	1.51	0.42	2.94	0.13	42.3	7.6	10	11.10	9.4
Q016157		3.84	<0.005	0.16	7.60	26.3	1360	1.64	0.85	2.23	0.16	53.6	8.3	9	13.00	4.7
Q016158		6.12	0.018	0.18	7.23	82.7	1440	1.72	0.60	2.35	0.67	43.7	11.6	10	15.60	6.5
Q016159		4.26	0.026	0.95	6.69	351	1130	1.55	0.81	2.46	5.89	39.1	6.1	8	16.85	25.4
Q016160		3.49	<0.005	0.11	7.24	24.9	1300	1.40	0.61	2.58	0.17	43.1	7.4	9	26.1	11.1
Q016161		5.14	<0.005	0.22	6.87	45.9	1250	1.39	0.23	3.35	1.14	41.3	7.2	9	15.90	16.1
Q016162		3.45	<0.005	0.20	7.59	22.7	1260	1.54	0.44	2.21	0.61	38.6	10.0	11	21.8	9.2
Q016163		6.41	<0.005	0.11	7.43	9.4	1650	1.32	0.25	1.45	0.51	43.1	7.7	9	21.6	8.4
Q016164		9.65	<0.005	0.11	7.82	18.9	2110	1.57	0.32	2.32	0.42	50.9	8.0	11	13.80	8.6
Q016165		<0.02	<0.005	0.12	7.77	19.0	2160	1.52	0.31	2.35	0.40	46.8	8.0	12	13.65	8.9
Q016166		4.28	<0.005	0.35	7.40	21.5	1930	1.47	0.32	1.74	0.31	40.9	8.4	10	27.3	14.4
Q016167		5.70	<0.005	0.16	7.61	10.9	2200	1.53	0.36	1.54	0.28	47.4	7.0	11	17.30	11.8
Q016168		6.71	<0.005	0.15	7.66	17.2	2090	1.33	0.34	1.21	0.29	41.3	7.0	11	16.55	11.7
Q016169		8.53	<0.005	0.08	7.13	11.9	2050	1.48	0.13	2.28	0.20	41.4	6.6	11	12.50	6.1
Q016170		4.57	<0.005	0.15	6.75	134.0	2290	1.58	0.33	2.83	0.08	44.0	6.5	10	18.85	3.1
Q016171		0.26	0.346	4.37	6.74	718	1030	1.43	3.22	1.98	10.90	51.0	11.6	25	12.55	318
Q016172		3.54	<0.005	0.27	7.11	13.0	1500	1.52	0.96	1.96	0.26	41.0	8.5	9	13.55	2.5
Q016173		2.43	<0.005	0.09	6.93	14.8	1760	1.55	0.13	2.61	0.13	44.1	7.6	10	18.55	4.6
Q016174		4.53	<0.005	0.21	7.49	10.3	1890	1.49	0.20	1.60	0.16	45.4	7.8	10	14.25	28.5
Q016175		4.99	0.006	0.80	6.95	67.2	1360	1.54	0.23	2.71	0.58	47.3	7.4	10	17.75	78.5
Q016176		4.35	<0.005	0.01	0.07	<0.2	60	0.06	0.03	20.3	0.09	1.18	0.6	<1	0.20	2.8
Q016177		2.43	0.008	0.40	7.01	41.4	810	1.62	0.26	2.45	0.98	47.0	7.1	9	24.9	32.4
Q016178		2.37	<0.005	0.36	5.87	32.8	390	1.29	0.15	2.47	0.43	42.9	7.3	8	16.45	11.2
Q016179		4.64	<0.005	0.18	7.32	15.7	1370	1.43	0.26	2.76	0.43	50.5	7.9	12	14.55	4.7
Q016180		3.78	<0.005	0.25	6.88	55.1	1480	1.31	0.24	2.34	1.77	47.1	8.6	10	13.80	4.9

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016145		3.09	14.85	0.10	1.1	0.042	2.70	15.3	30.8	0.32	1280	1.07	0.14	7.3	2.7	630
Q016146		3.17	16.25	0.13	1.1	0.042	2.66	23.5	29.3	0.63	628	0.88	0.08	8.5	3.6	720
Q016147		2.76	16.15	0.11	1.1	0.039	2.44	13.3	28.5	0.47	614	1.00	0.08	7.7	2.9	670
Q016148		3.16	15.55	0.13	1.0	0.037	2.49	19.5	18.8	0.76	666	0.75	1.83	7.1	2.9	620
Q016149		3.19	16.35	0.10	1.0	0.041	2.61	22.1	15.8	0.83	648	0.61	2.22	7.8	3.0	670
Q016150		3.83	16.50	0.10	1.1	0.046	2.19	12.1	58.9	0.42	1240	0.91	0.10	8.4	3.4	750
Q016151		5.24	15.35	0.13	1.1	0.297	3.02	27.8	26.9	0.82	2010	14.60	0.15	5.8	13.7	540
Q016152		3.26	16.95	0.14	1.1	0.055	2.82	23.6	63.8	0.66	983	0.77	0.44	8.6	2.5	770
Q016153		3.49	17.15	0.13	1.2	0.115	2.40	22.5	34.3	0.85	1780	0.41	0.06	8.8	2.9	770
Q016154		4.15	17.40	0.09	0.8	0.158	3.24	23.8	21.7	1.10	3750	0.24	0.05	6.2	1.8	520
Q016155		0.52	0.30	0.09	<0.1	0.006	0.04	0.5	1.5	13.50	254	0.07	0.01	0.1	1.7	170
Q016156		3.17	15.95	0.12	1.0	0.037	2.75	20.9	14.0	0.70	829	1.11	1.95	7.4	2.9	660
Q016157		3.60	15.70	0.15	1.0	0.121	3.20	28.4	19.4	0.45	1300	0.66	0.60	7.1	2.3	630
Q016158		4.04	15.05	0.12	1.0	0.104	3.12	22.7	77.7	0.59	1720	1.06	0.04	7.0	2.7	590
Q016159		3.74	14.80	0.11	0.9	0.077	3.02	20.1	60.9	0.75	12100	1.20	0.10	6.4	2.3	550
Q016160		2.79	15.45	0.13	0.9	0.035	2.52	22.0	141.0	0.78	901	0.64	0.44	7.2	2.8	610
Q016161		2.83	14.65	0.13	0.9	0.037	2.41	21.6	258	1.03	1660	0.79	0.16	6.7	2.3	580
Q016162		3.27	15.40	0.10	1.1	0.075	2.67	19.6	32.6	0.91	1650	1.40	0.04	7.1	3.6	710
Q016163		2.95	16.10	0.12	1.1	0.050	2.42	22.6	47.9	0.58	951	3.54	0.09	7.8	2.3	670
Q016164		3.07	16.95	0.14	1.1	0.042	2.70	26.4	26.9	0.75	746	0.77	1.64	8.1	2.8	650
Q016165		3.11	16.80	0.12	1.1	0.043	2.70	23.7	27.7	0.76	756	0.87	1.65	8.2	2.8	670
Q016166		3.32	16.75	0.11	1.1	0.057	3.02	20.5	32.7	0.70	1500	1.01	0.11	7.5	3.5	650
Q016167		2.96	16.45	0.12	1.2	0.050	3.03	24.3	30.3	0.66	1070	1.36	0.07	7.7	2.9	610
Q016168		3.08	17.30	0.10	1.1	0.052	2.63	20.2	26.7	0.56	912	0.95	0.07	7.9	2.7	650
Q016169		2.82	15.95	0.13	1.1	0.039	2.75	20.6	15.5	0.69	846	0.92	1.46	7.4	2.4	610
Q016170		2.93	15.40	0.12	1.1	0.052	2.76	22.2	24.2	0.82	1380	0.64	0.97	7.2	2.6	590
Q016171		5.04	15.30	0.12	1.1	0.303	2.93	29.6	25.5	0.78	1880	14.45	0.15	5.7	14.1	540
Q016172		3.09	16.15	0.09	1.1	0.047	2.36	19.7	19.6	1.00	1340	0.43	1.21	7.3	2.6	630
Q016173		3.00	15.65	0.11	1.0	0.044	2.64	22.4	43.9	0.86	1240	0.84	0.41	7.0	2.9	600
Q016174		3.22	16.35	0.10	1.1	0.077	3.03	23.3	38.7	0.65	1470	0.66	0.10	7.4	2.8	630
Q016175		3.24	15.10	0.12	1.0	0.068	3.01	24.9	51.0	0.94	2700	0.88	0.34	6.7	2.7	590
Q016176		0.45	0.21	0.08	<0.1	<0.005	0.03	0.6	1.3	13.15	208	1.15	<0.01	0.1	1.4	190
Q016177		3.07	15.85	0.11	1.1	0.059	2.68	24.7	127.5	0.95	2000	0.96	0.04	7.3	2.5	620
Q016178		2.42	12.60	0.11	0.9	0.028	1.82	24.1	130.0	0.85	1890	0.62	0.02	5.5	2.7	480
Q016179		3.07	16.10	0.09	1.1	0.047	2.74	27.3	38.4	0.96	1490	0.34	0.07	7.2	2.8	600
Q016180		2.72	15.30	0.11	1.0	0.037	2.58	24.6	45.9	0.81	1320	0.49	0.07	6.9	2.6	570

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016145		13.5	111.5	<0.002	0.10	16.05	9.4	1	2.3	86.1	0.57	<0.05	7.5	0.288	1.80	2.9
Q016146		15.2	85.8	<0.002	0.02	7.94	11.4	1	2.9	90.5	0.63	<0.05	10.3	0.318	1.16	1.4
Q016147		14.7	74.4	<0.002	0.03	6.73	10.4	1	3.0	93.8	0.59	<0.05	8.3	0.294	1.13	1.4
Q016148		17.3	82.8	<0.002	<0.01	3.36	10.0	1	1.7	366	0.55	<0.05	8.0	0.269	1.02	1.2
Q016149		20.3	93.8	<0.002	<0.01	3.85	11.3	1	2.0	349	0.60	<0.05	9.4	0.293	1.06	1.3
Q016150		18.2	61.5	<0.002	0.05	12.00	9.6	1	2.7	126.5	0.64	<0.05	6.9	0.319	1.27	2.2
Q016151		513	172.5	0.003	2.79	28.2	9.4	1	5.7	113.5	0.47	0.29	10.2	0.208	2.54	4.6
Q016152		23.4	123.0	<0.002	0.04	13.30	12.6	1	2.3	141.5	0.67	<0.05	10.4	0.320	1.79	2.6
Q016153		71.5	81.3	<0.002	0.13	18.10	12.3	1	2.3	92.6	0.71	<0.05	10.3	0.323	1.55	2.3
Q016154		83.3	159.0	<0.002	1.28	38.3	9.1	1	3.9	74.7	0.50	0.06	9.1	0.228	2.47	3.1
Q016155		1.3	1.8	<0.002	0.01	0.14	0.4	<1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q016156		18.9	98.5	<0.002	0.02	4.88	10.6	1	2.4	341	0.58	<0.05	9.3	0.278	1.20	1.7
Q016157		12.0	169.0	<0.002	0.32	6.45	10.8	1	4.4	115.0	0.55	0.06	11.1	0.274	2.26	2.4
Q016158		17.1	153.0	<0.002	0.59	10.90	10.4	1	4.7	54.9	0.53	<0.05	10.2	0.261	2.60	3.2
Q016159		155.0	154.0	<0.002	0.40	23.9	9.6	<1	2.2	98.8	0.52	<0.05	9.0	0.250	2.56	2.7
Q016160		13.2	98.4	<0.002	0.15	14.75	10.5	1	2.3	168.0	0.57	<0.05	9.9	0.267	2.03	2.6
Q016161		20.5	91.7	<0.002	0.14	16.15	9.9	<1	1.5	161.5	0.52	<0.05	9.3	0.257	1.89	2.7
Q016162		21.1	138.0	<0.002	0.17	28.0	12.2	1	1.6	67.7	0.55	<0.05	9.6	0.279	2.14	6.3
Q016163		15.6	106.0	<0.002	0.06	20.1	12.1	<1	1.6	84.3	0.63	<0.05	10.3	0.283	1.42	2.6
Q016164		20.3	110.5	<0.002	0.01	7.70	11.7	1	1.8	297	0.66	<0.05	11.6	0.298	1.20	2.1
Q016165		20.8	105.0	<0.002	0.01	8.18	11.5	1	1.7	296	0.68	<0.05	10.9	0.291	1.20	2.3
Q016166		25.8	132.5	<0.002	0.21	21.2	11.5	<1	1.6	83.2	0.65	<0.05	10.9	0.283	1.84	4.2
Q016167		18.5	139.5	<0.002	0.07	20.1	10.7	<1	1.7	78.1	0.72	<0.05	13.5	0.266	1.89	4.2
Q016168		19.6	112.0	<0.002	0.03	17.45	11.5	1	1.6	72.3	0.68	<0.05	11.3	0.279	1.42	3.0
Q016169		18.3	109.5	<0.002	0.01	5.40	10.5	1	1.5	255	0.63	<0.05	10.5	0.268	1.33	2.9
Q016170		12.9	124.0	<0.002	0.11	6.57	10.7	1	1.5	183.5	0.62	<0.05	9.7	0.268	1.82	4.2
Q016171		498	169.5	0.005	2.69	28.1	9.4	<1	5.4	108.5	0.47	0.31	10.6	0.206	2.57	4.9
Q016172		23.0	98.8	<0.002	0.12	10.45	11.0	1	1.6	129.5	0.61	<0.05	9.9	0.280	1.43	4.7
Q016173		19.7	110.5	<0.002	0.13	10.10	10.6	<1	2.0	143.0	0.55	<0.05	10.2	0.263	1.79	4.7
Q016174		20.3	135.0	<0.002	0.12	16.45	11.7	<1	2.1	89.9	0.61	<0.05	11.6	0.291	1.90	3.4
Q016175		31.7	148.5	<0.002	0.24	17.40	10.5	<1	1.7	131.5	0.54	<0.05	10.8	0.258	2.40	4.5
Q016176		1.2	1.3	<0.002	<0.01	0.18	0.2	<1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	0.03	0.6
Q016177		39.5	128.5	<0.002	0.22	23.3	11.8	<1	2.1	110.5	0.62	<0.05	12.0	0.267	2.42	8.0
Q016178		15.3	97.0	<0.002	0.18	46.0	9.0	<1	1.4	79.7	0.46	<0.05	10.6	0.209	1.82	33.8
Q016179		26.5	117.5	<0.002	0.17	10.20	11.4	1	1.9	148.5	0.59	<0.05	11.6	0.274	1.86	4.1
Q016180		21.1	104.5	<0.002	0.11	14.70	10.2	1	1.6	114.0	0.54	<0.05	11.5	0.252	1.66	3.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016145		76	2.0	9.4	74	24.7
Q016146		88	8.9	11.4	58	27.0
Q016147		85	4.5	9.4	56	25.1
Q016148		78	2.6	12.8	59	22.5
Q016149		84	1.8	12.4	69	24.7
Q016150		91	1.9	11.1	115	26.0
Q016151		70	5.6	10.7	932	28.4
Q016152		92	2.3	13.1	93	27.4
Q016153		89	3.6	11.9	294	29.0
Q016154		100	10.6	9.6	222	20.3
Q016155		4	0.1	0.7	19	<0.5
Q016156		81	1.5	12.8	81	24.0
Q016157		77	5.0	10.3	117	24.4
Q016158		73	3.3	11.5	177	24.3
Q016159		69	3.4	11.7	660	21.9
Q016160		77	4.5	12.5	65	22.9
Q016161		71	5.8	12.2	188	21.5
Q016162		85	5.1	14.3	140	25.4
Q016163		80	6.6	13.7	154	24.8
Q016164		80	3.4	15.0	131	25.6
Q016165		85	3.6	14.4	138	25.2
Q016166		85	4.9	13.4	115	26.2
Q016167		73	5.7	13.3	92	27.6
Q016168		81	5.9	12.6	106	26.9
Q016169		75	2.7	12.4	80	26.6
Q016170		76	2.7	11.9	69	25.6
Q016171		67	5.8	10.6	879	28.7
Q016172		82	2.9	11.2	178	24.6
Q016173		79	4.4	13.4	84	24.2
Q016174		82	5.4	12.9	99	25.4
Q016175		72	4.0	12.9	122	24.2
Q016176		3	0.1	0.8	18	<0.5
Q016177		80	5.2	13.8	170	26.1
Q016178		65	7.5	13.2	102	20.8
Q016179		78	1.8	14.3	109	26.2
Q016180		70	2.3	13.3	472	26.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093781

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

CERTIFICATE WH14093782

Project: KLAZA

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093782

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016181		5.55	<0.005	0.09	6.88	7.4	1950	1.40	0.25	2.49	0.13	41.1	7.9	12	17.00	9.9
Q016182		3.86	<0.005	0.19	6.83	49.0	2240	1.44	0.37	2.61	0.58	49.5	7.5	9	18.40	9.6
Q016183		<0.02	<0.005	0.19	6.75	50.6	2350	1.46	0.36	2.69	0.61	44.1	7.8	10	18.10	8.6
Q016184		3.13	<0.005	0.13	7.45	18.6	1070	1.42	0.41	1.78	0.19	46.0	6.5	10	23.9	4.8
Q016185		2.53	0.005	0.29	7.14	33.6	4200	1.59	0.38	2.65	1.91	53.0	6.2	9	17.90	8.0
Q016186		3.82	<0.005	0.17	7.61	24.0	1710	1.52	0.59	1.58	0.55	50.6	6.9	10	14.90	5.1
Q016187		4.57	0.013	0.14	7.42	15.1	1830	1.43	0.44	2.09	0.30	44.1	7.4	10	16.25	5.0
Q016188		1.78	1.835	12.95	6.86	1335	860	1.59	8.58	1.70	28.8	50.1	8.4	8	20.8	316
Q016189		2.29	0.029	1.75	6.86	106.5	2140	1.78	2.52	3.53	1.36	44.9	8.6	10	19.65	8.5
Q016190		0.24	0.370	4.73	6.74	746	630	1.46	3.44	2.13	11.45	51.0	13.0	25	14.25	327
Q016191		3.82	<0.005	0.14	6.99	9.9	1760	1.51	0.32	2.70	0.14	39.0	6.7	9	17.50	6.4
Q016192		2.68	<0.005	0.20	6.47	22.7	1360	1.42	0.67	3.09	0.11	40.0	8.3	9	15.15	10.7
Q016193		5.15	<0.005	0.06	6.78	6.3	1890	1.56	0.29	2.92	0.11	41.3	7.2	11	15.25	5.3
Q016194		2.52	<0.005	0.05	7.15	5.9	2050	1.55	0.32	2.71	0.09	44.0	7.4	11	15.35	5.3
Q016195		3.08	0.252	0.25	7.00	38.9	1580	1.55	0.70	3.26	0.11	44.3	10.8	10	17.00	12.8
Q016196		6.26	<0.005	1.20	6.96	27.0	1400	1.63	0.31	2.67	6.69	46.9	7.5	9	17.80	7.2
Q016197		7.01	<0.005	0.16	7.49	10.7	1770	1.29	0.24	1.66	0.68	48.1	7.7	8	17.25	5.5
Q016198		7.50	<0.005	0.06	7.50	16.9	2050	1.37	0.18	1.94	0.31	45.8	8.1	10	13.95	6.4
Q016199		0.24	0.913	11.55	6.56	1595	970	1.30	12.25	1.91	32.9	47.4	17.7	19	14.00	289
Q016200		4.79	<0.005	0.08	6.79	15.2	2350	1.52	0.26	2.10	0.17	43.4	6.9	9	23.4	2.3
Q016201		5.13	0.007	0.21	6.94	83.9	2050	1.62	0.31	2.76	0.22	48.7	7.4	10	22.0	2.4
Q016202		4.67	0.005	0.32	7.27	173.5	3070	1.50	0.16	2.33	0.31	54.2	8.2	9	21.4	3.3
Q016203		4.08	<0.005	0.12	7.41	41.7	660	1.37	0.10	1.93	0.17	43.8	9.0	10	20.4	7.2
Q016204		8.78	<0.005	0.08	7.31	3.8	2260	1.53	0.11	2.81	0.11	45.7	8.0	12	13.80	8.3
Q016205		9.63	<0.005	0.08	7.25	4.6	2110	1.51	0.15	3.03	0.09	45.2	8.7	12	14.00	10.8
Q016206		4.92	<0.005	0.42	7.18	11.7	1900	1.43	0.30	2.35	6.39	43.3	7.4	11	17.45	16.2
Q016207		3.17	0.206	3.52	7.25	2510	970	1.44	0.14	2.98	7.21	57.0	9.0	9	21.9	109.5
Q016208		5.77	<0.005	0.01	0.07	2.1	40	0.08	0.03	21.0	0.08	1.26	0.8	<1	0.23	1.7
Q016209		3.93	0.010	0.10	6.68	20.4	2020	1.46	0.14	2.99	0.08	40.8	7.2	11	16.40	7.3
Q016210		3.97	<0.005	0.08	7.01	4.9	2110	1.64	0.10	2.80	0.08	41.1	7.6	12	10.15	6.1
Q016211		5.56	<0.005	0.13	6.75	8.5	1940	1.64	0.12	2.89	1.04	42.3	7.3	17	15.10	8.3
Q016212		6.02	0.008	7.06	7.47	49.8	3590	1.61	74.3	2.77	0.56	46.8	8.9	9	18.75	27.0
Q016213		5.29	<0.005	0.01	0.06	0.2	60	<0.05	0.08	20.6	0.07	1.04	0.6	<1	0.15	1.3
Q016214		4.06	0.007	0.30	7.47	13.8	1790	1.35	1.04	2.04	0.44	45.8	7.1	10	15.10	6.0
Q016215		2.95	0.041	0.95	6.72	151.0	1280	1.47	0.46	2.55	2.75	44.5	5.6	7	17.70	11.5
Q016216		3.07	<0.005	0.28	7.75	48.8	1120	1.88	0.15	2.78	0.27	74.2	8.1	30	32.4	9.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016181		3.14	15.95	0.17	1.2	0.046	2.69	19.4	23.6	0.78	798	2.00	1.61	7.7	3.1	630
Q016182		3.05	14.95	0.18	1.1	0.068	2.38	25.6	55.7	0.90	1190	0.88	0.51	7.3	2.6	610
Q016183		3.06	15.45	0.17	1.1	0.068	2.44	22.2	57.3	0.91	1220	0.68	0.54	7.7	2.7	620
Q016184		2.83	16.25	0.15	1.2	0.046	2.43	23.1	97.6	0.63	842	0.78	0.05	7.8	2.5	630
Q016185		3.31	15.25	0.21	1.2	0.094	2.62	28.6	49.5	1.04	1320	0.97	0.04	7.2	2.6	570
Q016186		3.27	16.15	0.19	1.1	0.071	2.88	26.4	37.2	0.74	1200	0.52	0.06	7.9	2.8	620
Q016187		3.24	16.75	0.19	1.1	0.060	2.98	21.8	29.7	0.73	1020	0.93	0.26	8.0	2.7	660
Q016188		4.73	15.50	0.13	1.1	0.297	2.99	27.0	20.4	0.69	3040	4.77	0.03	6.8	3.2	580
Q016189		3.36	16.50	0.21	1.2	0.063	3.14	22.5	21.7	1.10	2800	0.79	0.04	7.9	3.1	610
Q016190		5.15	15.80	0.14	1.1	0.328	3.11	27.7	29.7	0.79	1940	14.05	0.15	6.5	15.6	550
Q016191		3.01	15.25	0.18	1.2	0.040	2.97	18.6	34.4	0.73	776	0.91	1.54	7.6	2.6	620
Q016192		2.98	15.25	0.24	1.2	0.034	2.31	20.2	19.1	0.88	924	0.65	1.62	7.4	3.2	560
Q016193		2.92	16.15	0.24	1.3	0.037	2.83	20.0	22.3	0.78	770	1.00	1.74	8.2	2.7	610
Q016194		3.04	16.55	0.30	1.4	0.034	2.95	21.6	27.1	0.78	716	0.98	1.75	8.3	3.0	620
Q016195		3.44	15.60	0.26	1.1	0.062	2.73	22.1	31.6	0.91	1060	0.47	1.29	7.6	2.9	610
Q016196		3.22	16.00	0.23	1.1	0.069	2.82	23.3	43.6	0.94	1520	0.62	0.06	7.7	2.6	620
Q016197		3.62	15.95	0.21	1.1	0.082	2.77	24.2	47.9	0.76	1240	0.86	0.08	7.9	2.5	640
Q016198		3.06	17.10	0.22	1.1	0.049	2.52	22.2	44.0	0.69	1110	0.45	0.10	8.1	2.8	660
Q016199		6.66	14.80	0.14	1.1	0.808	3.02	24.5	21.5	0.79	1820	8.74	0.13	6.4	12.2	560
Q016200		3.04	15.20	0.16	0.9	0.039	2.12	22.1	43.7	0.79	1420	0.28	0.03	7.1	2.7	570
Q016201		3.09	14.90	0.22	1.1	0.049	2.88	26.0	23.7	0.99	1670	0.42	0.03	7.1	2.9	550
Q016202		3.19	15.60	0.26	1.0	0.056	2.65	28.4	36.2	0.86	1920	3.81	0.03	7.7	3.2	590
Q016203		2.99	17.05	0.20	1.3	0.058	2.08	20.6	64.2	0.63	1380	1.17	0.10	8.5	3.6	690
Q016204		3.16	16.50	0.25	1.1	0.039	2.74	21.4	14.2	0.87	766	0.97	2.15	8.2	2.9	640
Q016205		3.27	16.35	0.29	1.1	0.046	2.72	21.2	11.4	0.94	867	1.10	2.09	8.1	3.2	660
Q016206		3.37	17.05	0.27	1.2	0.317	3.18	20.4	23.0	0.61	1260	0.89	0.76	8.4	2.8	660
Q016207		3.73	15.40	0.26	1.2	0.066	3.38	30.4	27.0	1.10	3440	3.08	0.10	8.0	3.3	640
Q016208		0.48	0.34	0.28	<0.1	<0.005	0.03	0.6	1.3	12.95	214	0.10	0.01	0.2	1.5	190
Q016209		3.05	15.00	0.23	1.1	0.046	2.95	19.5	9.2	0.81	1180	1.00	1.50	7.5	2.6	600
Q016210		2.99	16.45	0.11	1.2	0.037	2.51	19.7	8.2	0.82	765	1.18	2.17	7.6	2.8	640
Q016211		2.96	15.70	0.10	1.1	0.052	2.65	20.7	10.5	0.77	1000	0.72	1.61	7.5	2.8	610
Q016212		3.59	15.90	0.09	1.1	0.044	3.00	24.8	49.4	1.04	1780	1.52	0.06	7.1	2.6	660
Q016213		0.47	0.17	0.08	<0.1	0.006	0.02	0.5	1.0	13.20	215	0.10	0.01	0.1	1.5	190
Q016214		3.49	16.45	0.12	1.1	0.063	3.07	23.3	65.6	0.84	1700	0.84	0.08	7.3	2.3	690
Q016215		3.01	14.05	0.11	1.1	0.075	2.38	24.8	55.5	0.99	4730	4.52	0.02	6.4	2.3	550
Q016216		3.16	18.80	0.12	4.2	0.043	1.78	38.4	202	1.27	1440	1.63	0.03	11.0	10.1	1730

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016181		18.8	87.1	<0.002	0.03	6.72	11.8	1	2.0	297	0.59	<0.05	10.5	0.282	1.15	2.1
Q016182		25.9	88.5	<0.002	0.23	12.45	11.5	1	3.7	161.0	0.61	<0.05	11.9	0.259	1.50	5.4
Q016183		25.2	79.4	<0.002	0.24	12.75	11.6	1	3.8	167.0	0.62	<0.05	10.9	0.274	1.56	5.7
Q016184		20.1	82.6	<0.002	0.17	13.15	11.8	1	3.1	145.0	0.65	<0.05	13.5	0.281	1.68	3.8
Q016185		123.0	129.0	<0.002	0.30	13.40	10.9	1	4.2	119.5	0.63	<0.05	14.3	0.251	2.09	6.7
Q016186		20.1	125.0	<0.002	0.14	15.25	12.4	1	3.7	88.5	0.69	<0.05	14.6	0.279	1.59	3.7
Q016187		16.8	109.5	<0.002	0.11	12.80	12.5	1	2.2	128.0	0.65	<0.05	12.4	0.293	1.53	4.0
Q016188		1450	191.0	<0.002	3.38	93.2	11.1	1	4.8	125.0	0.55	0.07	12.8	0.239	2.57	6.7
Q016189		121.5	140.0	<0.002	0.28	13.10	11.3	1	3.8	132.5	0.66	<0.05	11.9	0.261	2.58	4.8
Q016190		510	165.5	0.004	2.79	29.8	10.1	1	5.8	115.5	0.53	0.33	12.3	0.210	2.59	5.3
Q016191		19.9	110.0	<0.002	0.05	4.28	10.9	1	2.2	294	0.66	<0.05	11.7	0.277	1.46	2.8
Q016192		11.7	105.5	<0.002	0.17	5.71	10.2	1	4.3	249	0.65	<0.05	11.1	0.255	1.66	4.4
Q016193		16.1	100.5	<0.002	0.03	3.70	11.0	1	2.0	316	0.74	<0.05	11.5	0.272	1.26	3.1
Q016194		15.9	113.0	<0.002	0.02	3.43	11.5	1	2.2	325	0.76	<0.05	12.7	0.267	1.31	3.5
Q016195		14.5	117.0	<0.002	0.46	9.00	12.0	1	1.7	211	0.64	<0.05	11.6	0.263	1.55	5.8
Q016196		384	119.0	<0.002	0.29	22.8	11.8	1	2.3	118.0	0.63	<0.05	12.6	0.267	1.99	4.6
Q016197		42.2	115.0	<0.002	0.11	20.5	12.3	1	1.9	84.7	0.64	<0.05	13.2	0.275	1.40	3.8
Q016198		22.5	82.9	<0.002	0.07	21.5	12.7	1	1.5	139.5	0.67	<0.05	12.2	0.289	1.51	4.4
Q016199		1340	171.0	<0.002	4.76	64.4	9.6	2	7.5	98.9	0.53	0.92	11.9	0.221	2.41	5.5
Q016200		13.7	98.1	<0.002	0.17	27.2	11.1	1	1.4	79.4	0.59	<0.05	12.6	0.254	1.80	6.2
Q016201		17.0	145.5	<0.002	0.27	13.90	10.5	1	1.5	61.5	0.65	<0.05	13.3	0.238	1.89	8.4
Q016202		20.7	139.0	0.002	0.27	18.30	11.9	1	1.5	66.7	0.68	<0.05	14.4	0.260	2.18	8.0
Q016203		17.2	73.1	<0.002	0.17	21.5	13.8	1	1.8	124.0	0.74	<0.05	12.1	0.301	2.11	6.2
Q016204		19.8	99.1	<0.002	0.01	3.07	12.4	1	1.4	377	0.70	<0.05	12.6	0.290	1.05	3.7
Q016205		16.5	104.5	<0.002	0.02	1.65	12.8	1	1.5	371	0.71	<0.05	11.9	0.292	1.12	3.8
Q016206		185.5	130.5	<0.002	0.15	9.82	11.7	1	1.7	190.5	0.73	<0.05	12.5	0.292	1.68	3.7
Q016207		326	217	<0.002	0.72	75.8	13.9	1	1.8	89.5	0.71	<0.05	14.2	0.282	2.77	9.2
Q016208		1.7	1.6	<0.002	<0.01	0.10	0.2	1	<0.2	50.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q016209		18.7	118.0	<0.002	0.06	3.91	10.3	1	1.5	273	0.67	<0.05	10.1	0.263	1.53	5.5
Q016210		16.2	91.7	<0.002	0.01	1.99	11.0	1	1.5	376	0.65	<0.05	9.4	0.275	1.06	3.0
Q016211		22.3	106.0	<0.002	0.10	11.70	10.4	1	1.5	311	0.67	<0.05	9.4	0.264	1.37	3.8
Q016212		54.3	129.0	<0.002	0.22	21.2	10.9	1	2.5	120.5	0.61	0.36	11.4	0.282	2.27	3.6
Q016213		1.2	1.0	<0.002	<0.01	0.08	0.2	<1	<0.2	51.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q016214		29.4	118.5	<0.002	0.15	11.25	11.0	<1	3.0	124.0	0.57	<0.05	10.3	0.292	2.03	3.8
Q016215		198.5	133.0	<0.002	0.59	19.00	9.3	1	1.8	257	0.55	<0.05	11.6	0.232	2.21	5.6
Q016216		15.4	68.6	<0.002	0.09	26.3	8.2	1	1.4	874	0.70	<0.05	7.6	0.446	1.63	7.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016181		79	1.2	14.8	61	30.3
Q016182		73	3.6	15.5	127	26.8
Q016183		76	3.8	15.1	129	27.4
Q016184		77	3.6	14.3	80	28.2
Q016185		69	6.1	14.6	255	28.8
Q016186		75	4.5	15.8	183	27.1
Q016187		79	2.4	15.4	88	28.6
Q016188		68	3.9	12.9	3080	29.2
Q016189		74	3.0	14.7	156	31.3
Q016190		67	5.8	12.7	915	32.7
Q016191		76	1.2	13.0	60	29.3
Q016192		68	3.5	10.3	57	30.3
Q016193		74	1.2	13.3	49	33.2
Q016194		75	1.3	13.8	49	34.0
Q016195		72	2.0	12.7	62	26.3
Q016196		73	2.6	14.3	667	26.5
Q016197		78	5.9	14.9	168	27.8
Q016198		79	4.9	16.3	159	26.5
Q016199		63	5.9	11.7	2480	30.0
Q016200		71	2.6	12.5	118	23.4
Q016201		72	2.3	13.6	98	24.9
Q016202		76	3.4	14.9	110	26.0
Q016203		90	4.9	14.1	77	30.2
Q016204		80	2.0	17.2	62	27.8
Q016205		87	2.8	16.8	63	25.6
Q016206		80	3.2	15.5	602	28.1
Q016207		87	4.2	18.0	658	27.0
Q016208		1	0.1	0.8	18	<0.5
Q016209		75	2.1	13.7	78	25.5
Q016210		80	1.9	14.4	63	26.4
Q016211		75	1.8	12.1	147	24.5
Q016212		80	3.7	13.0	103	27.2
Q016213		2	0.1	0.7	18	<0.5
Q016214		84	4.9	12.4	101	26.0
Q016215		62	4.5	10.2	316	31.2
Q016216		85	5.2	13.0	90	194.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 26-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093782

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 27-JUN-2014
This copy reported on 14-JUL-2014
Account: ROCKHA

CERTIFICATE WH14093783

Project: KLAZA

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Comments: **Corrected copy for WEI-21 on sample Q016230**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 27-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093783

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016217		3.05	0.220	6.62	6.12	996	850	1.52	0.92	2.18	52.8	40.9	7.3	9	13.45	42.7
Q016218		3.58	0.022	1.11	7.03	205	1340	1.58	0.53	2.58	1.80	50.2	8.6	10	20.1	19.2
Q016219		3.41	0.006	0.37	7.06	76.0	1880	1.76	0.31	2.42	0.84	47.0	7.2	10	24.9	28.3
Q016220		0.23	0.371	4.42	6.66	707	590	1.41	3.07	1.99	10.95	49.8	11.7	25	12.40	316
Q016221		4.15	0.044	0.87	6.71	535	2120	1.45	0.18	2.90	0.85	42.4	6.4	8	25.3	11.4
Q016222		3.16	0.022	0.90	7.33	286	1290	1.58	0.32	2.85	1.43	47.5	7.2	10	26.0	10.3
Q016223		2.75	<0.005	0.09	7.37	7.3	2120	1.75	0.14	2.61	0.17	41.6	7.4	11	19.45	3.9
Q016224		1.19	<0.005	0.08	7.40	6.4	2150	1.74	0.16	2.63	0.13	45.0	7.1	11	19.85	4.3
Q016225		2.07	0.021	0.31	7.26	102.5	3320	1.57	0.20	3.55	0.37	51.9	8.1	9	25.8	5.4
Q016226		1.11	0.574	16.05	5.88	3730	770	1.05	0.27	1.90	11.10	45.6	7.0	8	9.80	21.0
Q016227		2.28	0.021	1.64	6.98	541	1070	1.45	0.12	3.45	0.91	52.9	7.4	11	15.40	57.8
Q016228		2.87	<0.005	0.13	8.40	8.7	1720	1.32	0.12	0.82	0.29	48.3	7.4	11	19.30	8.7
Q016229		3.39	<0.005	0.09	7.44	12.7	1030	1.35	0.13	1.34	1.07	45.5	8.5	10	25.1	5.3
Q016230		4.79	<0.005	0.10	6.24	15.2	1590	1.20	0.15	1.44	2.16	42.7	7.7	9	13.75	5.4
Q016231		0.24	0.369	4.19	6.89	733	1220	1.52	3.12	2.06	10.90	47.8	11.6	25	11.55	329
Q016232		7.83	0.007	0.08	7.64	14.4	1720	1.33	0.16	1.67	1.26	53.0	11.2	10	11.75	4.8
Q016233		2.16	0.013	0.26	7.25	34.5	700	1.43	0.36	1.88	1.36	49.1	10.2	10	15.85	5.2
Q016234		4.71	0.020	0.47	8.50	20.4	1620	1.26	0.92	0.97	0.43	55.5	7.1	11	26.7	55.1
Q016235		2.29	0.289	1.89	7.31	139.0	2010	1.34	3.74	2.40	4.10	47.7	8.0	10	16.35	16.0
Q016236		7.02	<0.005	0.13	8.22	7.9	2270	1.23	0.19	1.61	0.14	52.4	7.9	12	14.95	8.0
Q016237		<0.02	<0.005	0.12	8.38	7.6	2220	1.14	0.23	1.60	0.18	53.0	7.9	11	15.10	8.0
Q016238		4.51	0.008	0.32	8.06	25.7	2190	1.33	0.22	1.51	2.22	53.3	7.6	14	15.75	11.0
Q016239		7.90	<0.005	0.11	8.18	11.3	2130	1.48	0.20	1.78	0.22	49.0	7.6	10	13.15	9.0
Q016240		8.95	0.009	0.45	8.19	36.8	1650	1.99	1.18	1.20	5.60	55.7	7.7	11	27.0	4.6
Q016241		10.88	0.009	0.50	8.20	64.4	2090	1.81	0.41	1.32	2.33	56.0	6.9	11	24.1	6.9
Q016242		4.50	0.341	6.48	7.58	2110	570	1.49	1.96	0.50	46.5	52.7	7.6	11	11.10	85.7
Q016243		1.23	<0.005	0.02	0.10	0.9	20	0.07	0.04	20.9	0.08	1.14	0.7	2	0.44	2.6
Q016244		3.70	0.050	0.90	7.99	132.5	1000	1.74	1.32	1.13	2.87	59.7	6.9	14	17.05	22.8
Q016245		4.99	0.006	0.36	8.16	42.0	1530	1.60	0.79	1.21	0.31	55.7	6.4	12	23.7	4.3
Q016246		4.22	0.159	1.68	7.36	969	1480	1.70	1.69	1.37	6.97	55.4	6.9	9	17.50	21.1
Q016247		1.29	<0.005	0.01	0.06	0.9	20	0.07	0.03	21.6	0.06	1.10	0.7	1	0.17	1.8
Q016248		6.91	0.023	1.27	7.75	212	1360	1.47	1.08	1.15	5.02	51.7	7.2	12	15.75	10.5
Q016249		7.58	<0.005	0.10	7.61	8.7	1690	1.50	0.18	3.05	0.11	51.0	7.1	13	14.20	5.1
Q016250		4.27	<0.005	0.15	7.63	13.8	2180	1.65	0.33	2.30	0.08	45.4	7.3	12	21.2	6.4
Q016501		3.67	<0.005	0.24	7.81	24.9	1880	1.69	1.33	2.44	0.09	45.8	7.5	13	25.2	4.8
Q016502		3.80	<0.005	1.24	7.97	200	1680	1.92	4.76	1.43	0.08	54.2	14.9	12	24.0	8.0

Comments: **Corrected copy for WEI-21 on sample Q016230**

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 27-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016217		3.66	14.15	0.11	1.0	0.186	2.67	22.8	16.2	0.85	7760	3.30	0.02	5.8	2.9	490
Q016218		2.93	15.45	0.13	1.0	0.057	3.06	27.3	25.2	0.99	3860	0.90	0.04	6.9	2.6	570
Q016219		3.08	16.45	0.13	1.2	0.058	3.14	24.1	28.8	0.83	2060	1.06	0.52	8.1	2.9	650
Q016220		5.04	15.70	0.12	1.0	0.300	2.95	28.2	25.7	0.78	1930	16.00	0.15	5.8	14.4	540
Q016221		2.18	14.05	0.11	0.9	0.041	2.54	23.3	25.1	0.98	1870	2.95	0.02	6.4	2.9	530
Q016222		2.94	15.85	0.12	1.1	0.052	2.83	25.2	66.4	1.00	1160	1.04	0.06	7.1	2.7	630
Q016223		3.21	16.30	0.11	1.1	0.046	2.76	17.8	16.6	0.80	716	1.14	1.58	7.4	2.7	650
Q016224		3.08	16.40	0.10	1.0	0.042	2.69	22.9	15.6	0.78	695	0.57	1.75	7.4	2.8	640
Q016225		3.55	15.60	0.12	1.0	0.051	2.49	27.8	42.6	1.22	1900	1.47	0.04	7.6	3.2	670
Q016226		5.21	13.35	0.10	0.8	0.079	2.76	26.2	16.0	0.64	6960	1.71	0.02	5.1	2.9	460
Q016227		3.89	15.15	0.13	0.9	0.106	3.35	30.0	16.6	1.19	6720	0.99	0.13	6.4	3.0	560
Q016228		3.22	18.75	0.11	1.1	0.053	2.44	24.4	35.1	0.40	869	0.64	0.07	8.4	2.6	750
Q016229		3.84	16.25	0.10	0.9	0.075	2.20	23.8	175.0	0.67	1590	0.38	0.05	7.0	2.9	660
Q016230		2.82	13.40	0.08	0.8	0.053	1.68	22.7	71.0	0.59	1420	0.36	0.03	6.1	3.0	550
Q016231		5.18	15.65	0.11	1.0	0.294	3.01	26.9	25.1	0.81	1980	14.55	0.15	5.6	15.0	550
Q016232		3.53	16.50	0.11	1.2	0.060	2.56	29.4	78.1	0.76	1620	0.69	0.03	7.7	5.4	680
Q016233		5.12	14.55	0.14	1.1	0.088	2.92	26.8	59.9	0.95	3100	1.23	0.03	7.3	3.5	630
Q016234		3.35	17.90	0.11	1.0	0.056	2.52	30.5	81.2	0.50	1080	0.50	0.06	8.2	3.0	720
Q016235		4.11	15.90	0.13	0.9	0.102	2.88	25.2	100.5	0.90	2630	0.41	0.05	6.8	3.3	620
Q016236		3.41	17.60	0.11	1.0	0.051	2.68	27.6	29.5	0.59	1030	0.59	0.49	8.0	3.1	730
Q016237		3.38	17.70	0.08	1.0	0.049	2.67	28.6	29.2	0.60	1020	0.56	0.48	8.0	3.1	710
Q016238		3.33	17.80	0.10	1.0	0.066	2.91	28.7	23.0	0.49	1090	0.55	0.56	8.2	3.1	700
Q016239		3.17	17.25	0.12	1.0	0.056	2.88	25.8	26.3	0.64	1340	0.51	1.03	7.7	3.2	670
Q016240		3.02	17.35	0.13	1.1	0.108	3.43	30.4	28.5	0.61	1580	1.12	0.04	7.8	2.9	690
Q016241		3.17	17.40	0.11	0.9	0.076	3.70	31.6	16.0	0.57	2090	0.87	0.12	7.7	2.5	690
Q016242		5.51	17.25	0.13	1.0	0.900	3.54	29.2	7.5	0.38	2780	4.41	0.02	7.5	3.5	640
Q016243		0.52	0.31	0.06	<0.1	0.005	0.05	0.5	1.5	13.45	236	0.08	<0.01	0.2	2.5	180
Q016244		4.46	17.20	0.13	1.0	0.252	3.81	33.0	13.6	0.68	2730	1.61	0.03	7.5	3.1	690
Q016245		3.52	17.50	0.13	1.0	0.120	3.68	30.7	26.7	0.69	1740	0.94	0.03	7.3	2.6	680
Q016246		3.89	16.70	0.12	1.0	0.153	2.71	30.8	83.9	0.61	2660	7.29	0.02	6.9	2.6	630
Q016247		0.52	0.18	0.06	<0.1	<0.005	0.03	0.5	1.2	13.90	235	0.11	<0.01	0.1	1.8	190
Q016248		3.52	17.05	0.13	1.1	0.220	3.64	28.7	7.9	0.60	4530	6.43	0.03	6.7	2.6	630
Q016249		3.17	16.35	0.11	1.1	0.051	2.87	27.1	17.7	0.79	1300	1.61	1.06	6.9	4.3	660
Q016250		3.26	16.80	0.09	1.3	0.044	2.94	22.6	16.8	0.57	1150	1.40	1.70	7.8	2.9	700
Q016501		3.10	17.15	0.10	1.2	0.057	2.97	23.2	25.2	0.47	1320	1.28	1.23	7.5	2.7	670
Q016502		3.37	17.85	0.13	1.2	0.054	3.39	29.0	14.6	0.42	653	2.37	0.17	7.3	4.9	680

Comments: **Corrected copy for WEI-21 on sample Q016230**

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 27-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016217		743	173.5	<0.002	2.04	38.2	8.4	<1	4.8	83.6	0.48	<0.05	9.5	0.208	3.07	5.0
Q016218		113.5	165.0	<0.002	0.36	19.10	10.6	1	3.2	103.5	0.61	<0.05	11.6	0.255	2.94	5.0
Q016219		42.8	145.0	<0.002	0.15	14.25	11.4	<1	2.4	171.0	0.73	<0.05	11.6	0.272	2.48	4.6
Q016220		490	164.0	0.005	2.68	28.1	9.6	1	5.6	109.0	0.46	0.34	10.2	0.209	2.53	4.8
Q016221		46.7	135.5	<0.002	0.34	26.4	9.9	<1	2.3	160.0	0.52	<0.05	10.3	0.246	2.81	6.6
Q016222		94.7	115.0	<0.002	0.25	16.20	10.9	1	2.4	162.5	0.60	<0.05	11.7	0.273	2.50	3.9
Q016223		19.9	101.0	<0.002	0.02	4.18	10.9	1	1.6	328	0.60	<0.05	10.5	0.294	1.33	3.0
Q016224		21.3	106.0	<0.002	0.02	3.87	11.3	1	1.6	348	0.60	<0.05	11.3	0.283	1.23	3.5
Q016225		39.8	129.5	<0.002	0.27	15.60	13.1	<1	1.9	141.5	0.62	<0.05	11.1	0.297	2.05	5.5
Q016226		1165	221	<0.002	3.86	79.0	8.5	<1	2.9	47.3	0.42	<0.05	9.5	0.201	2.74	4.4
Q016227		218	228	<0.002	0.42	28.4	10.6	1	2.1	107.5	0.50	<0.05	11.7	0.252	3.02	6.1
Q016228		16.8	114.0	<0.002	0.03	18.70	12.5	1	1.7	76.5	0.65	<0.05	12.9	0.314	1.08	2.4
Q016229		13.8	100.5	<0.002	0.14	26.0	11.4	<1	1.7	96.5	0.56	<0.05	10.8	0.270	1.43	4.8
Q016230		10.5	82.8	<0.002	0.21	49.7	10.0	<1	1.3	71.4	0.49	<0.05	9.9	0.240	1.18	5.5
Q016231		509	166.5	0.005	2.75	28.1	8.5	1	5.5	108.5	0.44	0.28	9.3	0.212	2.49	4.6
Q016232		12.0	134.5	<0.002	0.25	26.3	11.2	1	1.7	92.8	0.67	<0.05	11.3	0.292	1.53	4.1
Q016233		28.2	174.0	<0.002	0.71	32.2	11.0	1	2.0	66.4	0.60	<0.05	10.9	0.281	2.28	14.4
Q016234		23.2	124.0	<0.002	0.06	27.1	11.8	1	1.8	89.3	0.65	<0.05	12.5	0.305	1.19	2.6
Q016235		171.0	144.5	<0.002	0.77	23.9	9.9	1	1.7	128.5	0.55	<0.05	9.9	0.266	1.94	5.2
Q016236		17.1	111.0	<0.002	0.04	17.85	11.6	1	1.6	164.0	0.60	<0.05	11.0	0.304	1.18	4.7
Q016237		16.3	115.5	<0.002	0.04	17.85	11.7	1	1.6	162.5	0.62	<0.05	11.2	0.301	1.19	4.4
Q016238		80.3	130.5	<0.002	0.09	22.0	11.7	1	1.7	158.0	0.65	<0.05	11.9	0.293	1.37	3.6
Q016239		18.8	121.0	<0.002	0.05	18.45	11.2	1	1.6	240	0.59	<0.05	10.9	0.281	1.41	3.1
Q016240		24.3	187.5	<0.002	0.25	23.4	11.3	1	1.7	55.9	0.62	<0.05	12.3	0.293	2.60	35.7
Q016241		147.0	206	<0.002	0.40	19.05	11.6	1	1.8	74.6	0.58	<0.05	11.1	0.290	2.87	7.2
Q016242		1945	230	<0.002	4.61	38.9	10.9	1	7.7	30.2	0.63	<0.05	10.6	0.277	2.93	4.5
Q016243		2.6	2.9	<0.002	<0.01	0.11	0.5	<1	<0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q016244		102.5	239	<0.002	0.86	17.55	11.1	1	3.4	71.3	0.58	<0.05	11.3	0.296	2.95	6.7
Q016245		50.8	229	<0.002	0.25	13.75	11.3	1	2.0	79.6	0.54	<0.05	10.7	0.286	2.98	5.3
Q016246		324	173.0	<0.002	1.46	31.7	10.7	1	4.6	142.0	0.53	<0.05	10.4	0.253	2.09	3.3
Q016247		1.4	1.3	<0.002	0.01	0.14	0.2	<1	<0.2	51.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q016248		259	215	<0.002	0.91	18.25	10.3	<1	2.8	59.4	0.53	<0.05	11.2	0.269	2.65	5.0
Q016249		12.5	144.0	<0.002	0.10	4.08	9.9	1	1.6	250	0.54	<0.05	10.2	0.274	1.60	3.4
Q016250		14.3	124.0	<0.002	0.10	27.4	10.9	1	1.5	308	0.63	<0.05	10.1	0.290	1.50	3.5
Q016501		12.5	146.5	<0.002	0.27	14.45	11.3	<1	1.6	176.5	0.59	<0.05	10.2	0.293	2.08	2.5
Q016502		55.2	180.0	<0.002	1.73	39.2	11.9	1	1.6	95.5	0.55	<0.05	11.1	0.271	2.90	4.5

Comments: **Corrected copy for WEI-21 on sample Q016230**

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 27-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016217		58	6.6	8.5	3490	28.4
Q016218		70	5.1	12.0	183	23.2
Q016219		78	3.1	13.3	106	26.3
Q016220		67	5.6	10.6	894	27.9
Q016221		68	7.1	11.6	102	23.2
Q016222		77	4.4	13.0	178	26.0
Q016223		80	1.7	12.9	71	25.6
Q016224		79	1.7	13.3	61	24.4
Q016225		88	4.4	15.6	97	23.4
Q016226		57	7.4	10.1	864	19.4
Q016227		70	4.8	13.2	138	21.0
Q016228		85	8.3	14.1	121	25.9
Q016229		78	7.8	12.8	389	21.9
Q016230		68	4.9	10.9	409	18.3
Q016231		69	5.4	10.5	918	27.7
Q016232		76	4.8	13.4	361	26.0
Q016233		67	9.2	13.0	381	24.6
Q016234		83	5.5	15.0	164	23.8
Q016235		78	4.4	13.7	513	20.8
Q016236		87	4.6	15.7	82	23.8
Q016237		86	4.7	16.0	81	23.4
Q016238		84	3.1	16.2	242	23.5
Q016239		83	2.7	14.6	97	21.5
Q016240		85	2.1	14.2	564	23.8
Q016241		85	1.7	12.9	346	22.7
Q016242		79	4.1	9.8	4050	22.3
Q016243		4	0.1	0.9	19	<0.5
Q016244		86	2.6	11.1	360	22.0
Q016245		83	2.4	12.4	123	21.2
Q016246		81	3.3	10.6	573	23.8
Q016247		2	0.1	0.7	15	<0.5
Q016248		86	2.4	11.6	450	26.8
Q016249		84	1.5	12.2	56	25.9
Q016250		87	1.9	13.1	66	29.1
Q016501		87	1.9	11.5	62	27.3
Q016502		89	2.3	10.0	43	28.8

Comments: **Corrected copy for WEI-21 on sample Q016230**

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 27-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093783

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 28-JUN-2014
This copy reported on 30-JUN-2014
Account: ROCKHA

CERTIFICATE WH14093784

Project: KLAZA

P.O. No.: Batch 8

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

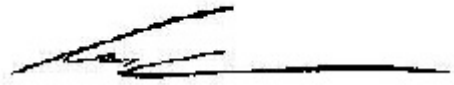
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 28-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093784

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016503		6.28	<0.005	0.58	7.81	35.6	1720	1.64	3.33	2.38	0.09	50.0	8.5	9	23.7	5.5
Q016504		10.11	<0.005	0.06	7.43	8.3	2160	1.70	0.07	3.14	0.06	46.0	8.1	12	16.45	6.2
Q016505		7.83	<0.005	0.05	7.50	3.4	2250	1.69	0.08	2.97	0.06	42.4	8.1	13	15.90	5.6
Q016506		3.47	<0.005	0.04	7.71	3.3	2330	1.55	0.07	3.02	0.07	46.4	8.0	13	18.20	5.4
Q016507		8.09	<0.005	0.26	7.27	13.8	2170	1.56	0.73	2.00	0.14	42.0	6.9	10	19.20	4.4
Q016508		4.51	0.008	0.29	7.97	11.7	1430	1.53	1.14	1.39	0.19	51.3	6.4	9	18.65	3.3
Q016509		6.84	0.008	0.57	7.39	44.8	810	1.57	0.96	1.22	1.08	58.5	7.3	8	22.4	5.6
Q016510		5.08	0.197	2.68	6.29	325	880	1.49	4.30	0.35	3.54	43.5	14.9	7	24.5	12.8
Q016511		1.61	<0.005	0.01	0.09	0.7	20	<0.05	0.04	21.1	0.08	1.10	0.7	1	0.31	2.8
Q016512		8.91	0.006	0.67	8.13	26.8	1360	1.64	1.43	0.86	0.98	57.7	7.1	9	22.7	2.8
Q016513		7.69	0.006	0.55	7.33	13.7	1210	1.61	1.18	1.66	0.34	46.0	7.0	9	23.8	3.0
Q016514		7.69	<0.005	0.11	7.17	12.8	1830	1.63	0.26	2.70	0.05	45.7	6.9	10	18.80	4.6
Q016515		4.68	<0.005	0.06	7.86	7.1	2150	1.62	0.41	2.66	0.10	51.2	8.6	10	15.55	7.6
Q016516		7.17	0.011	0.28	6.63	70.6	2240	1.40	0.41	5.30	0.24	41.8	7.6	10	13.95	10.3
Q016517		3.81	0.009	0.48	7.41	85.6	2710	1.57	0.37	4.35	0.73	53.8	8.4	9	14.90	26.3
Q016518		5.51	<0.005	0.12	7.40	6.8	2220	1.63	1.51	3.94	0.14	46.4	7.5	8	14.25	3.9
Q016519		0.27	0.364	4.70	6.74	752	1020	1.39	3.62	2.10	11.10	45.1	12.8	25	13.10	312
Q016520		5.36	0.011	0.17	7.95	19.9	1300	1.28	0.75	2.29	0.15	52.4	8.7	10	10.50	4.4
Q016521		2.75	0.057	0.74	5.43	329	1200	1.18	0.49	2.38	3.53	32.0	10.1	7	15.70	13.2
Q016522		3.68	<0.005	0.10	7.41	53.1	2080	1.56	0.28	2.77	0.15	45.1	8.4	14	8.54	6.4
Q016523		3.00	<0.005	0.43	7.07	163.5	1960	1.61	2.58	4.41	0.14	49.1	8.0	9	17.60	12.4
Q016524		<0.02	<0.005	0.39	7.29	164.5	1860	1.67	1.39	4.53	0.13	55.7	8.3	9	18.50	13.3
Q016525		8.58	<0.005	0.11	7.62	59.0	2300	1.54	0.24	3.10	0.15	49.1	9.5	12	9.97	16.9
Q016526		3.67	<0.005	0.30	7.43	258	2050	1.85	0.53	2.16	0.17	47.2	9.3	9	16.05	27.8
Q016527		3.55	<0.005	0.20	8.61	102.5	2090	1.20	0.27	0.96	0.21	59.4	9.1	10	13.00	43.0
Q016528		9.03	0.012	0.75	7.00	306	910	1.45	0.30	3.44	2.44	46.5	7.8	8	19.00	31.7
Q016529		6.20	0.801	6.42	2.82	1895	430	0.76	0.18	7.42	20.5	19.50	4.3	8	7.16	206
Q016530		1.09	<0.005	0.03	0.09	4.4	20	0.05	0.02	21.2	0.11	1.14	0.8	1	0.29	2.4
Q016531		2.19	0.033	0.46	7.49	212	2240	1.28	0.23	2.16	1.33	49.2	9.3	9	13.95	9.1
Q016532		10.96	0.021	0.57	7.43	50.6	1790	1.31	0.37	2.03	3.19	47.3	9.6	9	14.50	14.6
Q016533		0.27	0.354	4.80	6.80	757	900	1.47	3.49	2.13	11.35	46.6	13.1	26	13.50	317
Q016534		1.78	0.173	2.92	6.99	289	2110	1.38	0.38	1.39	16.00	29.0	6.2	8	14.95	8.4
Q016535		4.06	<0.005	0.40	7.36	115.0	1460	1.51	0.16	2.22	3.92	40.2	5.6	9	19.20	6.2
Q016536		3.87	<0.005	0.06	7.51	12.7	1860	1.42	0.13	2.60	0.16	48.5	7.5	9	20.8	7.3
Q016537		4.30	<0.005	0.07	7.67	9.1	2230	1.58	0.14	2.69	0.12	50.4	8.5	10	15.65	6.6
Q016538		3.72	0.041	2.48	6.82	414	1460	1.46	2.90	2.98	10.75	42.8	9.4	8	16.90	16.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016503		2.97	15.55	0.08	1.2	0.051	2.85	26.7	40.1	0.88	1150	0.68	0.04	7.1	3.0	660
Q016504		3.20	15.95	0.11	1.2	0.042	2.77	23.1	15.4	0.93	859	0.74	1.94	7.5	2.9	680
Q016505		3.19	16.35	0.11	1.3	0.038	2.71	20.7	11.7	0.86	746	0.98	2.23	7.5	3.1	670
Q016506		3.24	16.00	0.13	1.2	0.034	2.77	24.1	11.4	0.92	778	0.93	2.19	7.4	2.9	680
Q016507		3.06	15.10	0.10	1.3	0.067	2.86	20.1	26.0	0.59	1220	0.50	0.54	7.0	2.4	630
Q016508		3.28	16.25	0.10	1.2	0.079	2.89	27.9	52.2	0.64	1390	0.56	0.05	7.6	2.3	670
Q016509		3.41	15.40	0.10	1.2	0.099	3.02	32.9	30.6	0.62	1920	0.49	0.03	6.9	2.6	600
Q016510		4.56	14.05	0.09	1.0	0.183	2.93	22.1	20.7	0.37	1330	1.44	0.03	5.8	3.8	500
Q016511		0.51	0.29	0.20	<0.1	0.016	0.04	0.5	1.2	12.80	232	0.07	<0.01	0.1	1.8	190
Q016512		3.94	16.45	0.18	1.3	0.122	3.79	32.5	19.6	0.45	1740	0.90	0.04	7.3	2.5	640
Q016513		3.69	16.25	0.11	1.4	0.123	3.81	22.4	20.7	0.50	1820	1.23	0.05	8.1	2.8	630
Q016514		3.26	15.75	0.14	1.5	0.056	3.21	22.7	25.0	0.82	1490	0.88	0.63	8.4	2.6	590
Q016515		3.42	16.80	0.12	1.4	0.045	2.95	25.8	20.3	0.87	729	0.53	1.76	8.6	2.8	660
Q016516		3.53	14.85	0.11	1.0	0.070	2.75	21.4	44.5	0.36	1730	2.57	0.68	7.3	2.9	580
Q016517		3.21	15.65	0.14	1.1	0.043	2.96	29.4	15.0	0.53	1960	2.16	1.07	7.5	2.9	580
Q016518		3.51	16.05	0.11	0.9	0.140	1.35	24.9	23.0	1.02	1450	0.33	1.57	7.6	2.6	610
Q016519		5.22	15.50	0.10	1.0	0.327	3.18	24.4	28.0	0.81	1920	14.75	0.16	6.2	15.2	530
Q016520		3.81	16.65	0.11	1.1	0.095	1.70	27.5	26.2	1.06	1660	0.66	1.05	8.6	3.1	700
Q016521		4.74	12.65	0.09	0.7	0.102	2.33	17.2	40.1	0.28	4920	1.56	0.06	5.5	2.5	430
Q016522		3.17	16.70	0.13	1.1	0.047	2.67	21.8	10.3	0.87	816	0.52	2.48	8.5	3.0	630
Q016523		3.13	15.10	0.13	1.0	0.047	2.43	25.8	17.5	0.74	1060	0.55	1.08	7.5	2.6	580
Q016524		3.15	15.35	0.12	1.0	0.050	2.37	30.6	17.6	0.75	1050	0.57	1.07	7.5	2.8	590
Q016525		3.27	17.35	0.12	1.1	0.046	2.91	23.8	13.8	0.86	790	0.57	2.27	8.5	3.1	660
Q016526		3.62	16.90	0.11	1.2	0.047	2.95	23.0	25.4	0.74	631	0.59	1.33	8.5	3.3	630
Q016527		2.92	17.50	0.12	1.2	0.047	2.99	30.1	68.0	0.69	521	0.69	0.10	9.1	3.1	710
Q016528		3.03	15.90	0.12	1.1	0.074	3.05	23.9	50.9	0.87	2750	0.90	0.04	7.6	2.3	570
Q016529		4.95	6.11	0.06	0.4	0.069	1.29	10.9	28.9	2.25	18350	0.78	0.02	2.8	1.6	260
Q016530		0.48	0.26	0.10	<0.1	0.006	0.05	0.5	1.3	12.90	253	0.15	0.01	0.1	1.6	240
Q016531		3.08	16.50	0.16	1.1	0.043	2.79	23.6	36.8	0.78	2260	0.84	0.08	8.4	3.1	660
Q016532		3.24	16.10	0.12	1.1	0.056	2.57	23.5	33.2	0.73	1880	0.80	0.34	8.4	3.2	640
Q016533		5.28	15.90	0.12	1.1	0.327	3.17	26.0	28.5	0.81	1950	16.60	0.16	6.4	15.7	540
Q016534		4.15	16.65	0.10	1.0	0.146	3.12	15.1	18.2	0.63	13350	0.87	0.03	7.6	2.7	560
Q016535		2.99	16.15	0.12	1.1	0.079	3.64	20.8	9.6	0.82	3000	0.69	0.04	8.0	2.9	590
Q016536		3.09	16.80	0.15	1.1	0.052	2.99	24.1	116.5	0.68	1170	0.77	0.31	8.5	2.6	630
Q016537		3.25	16.90	0.12	1.2	0.042	2.93	25.2	12.9	0.85	777	0.73	2.22	8.4	3.0	640
Q016538		4.68	15.60	0.12	1.0	0.148	3.24	22.5	44.7	0.92	6310	4.72	0.21	7.1	2.8	560

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016503		19.9	128.0	0.005	0.30	15.25	11.1	1	1.5	155.5	0.57	<0.05	12.2	0.263	2.19	3.7
Q016504		15.9	95.8	0.002	0.03	2.42	11.4	1	1.6	394	0.63	<0.05	10.7	0.289	1.12	3.8
Q016505		16.8	95.9	0.002	0.01	1.75	10.9	1	1.4	431	0.63	<0.05	11.7	0.284	0.92	4.2
Q016506		17.0	106.5	0.002	0.01	1.85	11.5	1	1.5	441	0.60	<0.05	12.4	0.293	0.97	4.5
Q016507		21.3	106.5	0.002	0.12	11.50	10.6	1	1.6	174.5	0.62	<0.05	11.3	0.265	1.40	3.7
Q016508		23.0	128.5	0.003	0.14	13.00	11.2	1	1.7	125.5	0.68	<0.05	13.9	0.293	1.47	2.5
Q016509		79.5	161.5	0.004	0.58	11.80	10.4	<1	2.2	101.0	0.61	<0.05	13.3	0.257	2.02	5.1
Q016510		285	164.5	0.006	2.10	29.5	9.1	1	3.0	48.9	0.48	0.05	10.9	0.210	2.23	13.1
Q016511		2.9	1.8	0.003	0.01	0.15	0.3	1	<0.2	41.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q016512		73.2	197.0	0.003	0.34	10.45	11.0	1	2.0	70.6	0.67	<0.05	14.2	0.269	2.42	3.9
Q016513		53.1	171.5	<0.002	0.21	9.61	11.3	1	1.6	92.1	0.68	<0.05	12.3	0.281	2.79	3.7
Q016514		13.3	138.0	<0.002	0.08	6.82	10.7	1	1.6	218	0.78	<0.05	14.2	0.262	2.16	4.7
Q016515		20.8	111.5	<0.002	0.01	3.77	12.0	1	2.0	423	0.73	<0.05	13.9	0.299	1.14	5.1
Q016516		20.4	113.0	<0.002	0.08	12.45	10.4	1	2.7	195.5	0.57	<0.05	10.8	0.261	1.91	4.0
Q016517		68.3	129.5	<0.002	0.05	9.69	10.8	1	1.9	281	0.57	0.07	13.8	0.261	1.61	3.0
Q016518		21.1	57.1	<0.002	0.04	8.53	11.0	1	10.7	279	0.59	<0.05	11.7	0.272	0.76	1.8
Q016519		485	151.5	0.003	2.81	30.0	9.2	1	5.6	112.0	0.50	0.36	11.1	0.206	2.51	5.4
Q016520		20.7	65.8	<0.002	0.04	8.75	12.4	1	7.8	147.5	0.67	<0.05	13.4	0.302	1.04	2.4
Q016521		70.6	120.0	<0.002	0.19	39.7	8.3	1	3.4	90.6	0.45	<0.05	9.2	0.190	1.98	6.5
Q016522		17.6	89.1	<0.002	0.01	2.84	12.7	1	1.8	386	0.67	<0.05	12.7	0.288	1.01	2.3
Q016523		18.5	82.7	<0.002	0.02	8.22	10.5	1	3.2	289	0.60	<0.05	11.1	0.268	0.94	2.0
Q016524		19.2	88.8	<0.002	0.02	8.53	11.1	1	3.4	293	0.62	<0.05	12.5	0.261	1.01	2.1
Q016525		19.6	98.5	<0.002	0.06	2.25	12.5	1	2.0	401	0.67	<0.05	12.4	0.294	1.13	2.2
Q016526		19.7	104.0	<0.002	0.11	5.47	12.5	1	1.9	240	0.69	<0.05	15.5	0.281	1.37	2.6
Q016527		23.6	106.0	<0.002	0.13	11.50	13.2	1	2.7	82.4	0.73	<0.05	15.6	0.313	1.23	2.3
Q016528		122.0	143.0	<0.002	0.37	23.5	11.0	1	2.0	99.2	0.61	<0.05	11.6	0.258	2.36	4.2
Q016529		594	79.0	<0.002	1.52	110.5	4.4	1	1.5	92.4	0.23	<0.05	4.9	0.097	1.19	6.6
Q016530		2.7	2.0	<0.002	<0.01	0.36	0.5	<1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q016531		62.9	94.0	<0.002	0.19	18.70	11.4	1	2.4	97.4	0.68	<0.05	12.4	0.298	1.41	2.4
Q016532		87.8	96.1	<0.002	0.17	18.35	11.7	1	2.1	120.0	0.69	<0.05	13.2	0.282	1.16	2.9
Q016533		498	154.0	0.003	2.82	30.1	9.4	2	5.8	113.5	0.51	0.33	11.6	0.205	2.48	5.4
Q016534		596	148.0	<0.002	0.97	31.3	11.0	1	2.4	61.6	0.62	<0.05	12.7	0.253	1.85	3.9
Q016535		142.5	181.0	<0.002	0.23	12.90	11.2	1	1.9	66.3	0.64	<0.05	12.5	0.258	2.34	5.5
Q016536		17.6	106.5	<0.002	0.05	11.20	12.0	1	1.6	178.5	0.71	<0.05	12.7	0.284	1.48	4.2
Q016537		18.5	106.5	<0.002	0.02	3.49	11.7	1	1.6	362	0.67	<0.05	13.8	0.284	1.19	3.0
Q016538		592	159.5	<0.002	1.63	32.9	10.8	1	2.0	104.0	0.55	<0.05	11.6	0.247	2.27	12.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016503		80	3.8	11.8	70	28.4
Q016504		83	2.1	15.2	60	28.7
Q016505		81	1.4	15.0	59	29.9
Q016506		83	1.8	16.1	60	29.0
Q016507		78	2.3	12.6	75	29.3
Q016508		82	2.2	13.5	84	26.8
Q016509		75	3.4	12.9	156	27.2
Q016510		66	5.7	9.4	362	24.6
Q016511		1	0.1	0.7	15	<0.5
Q016512		77	5.3	11.8	156	30.6
Q016513		81	3.8	13.3	77	35.4
Q016514		76	2.8	15.5	58	37.3
Q016515		86	0.9	16.2	60	35.6
Q016516		74	2.8	15.8	68	25.5
Q016517		74	2.6	16.3	145	30.1
Q016518		77	2.7	16.8	176	22.8
Q016519		69	5.5	11.7	895	31.7
Q016520		81	5.4	16.8	199	26.7
Q016521		59	6.2	11.9	358	17.1
Q016522		85	0.9	16.4	79	26.1
Q016523		77	3.1	17.8	76	25.5
Q016524		75	3.3	19.0	75	25.6
Q016525		84	1.0	17.3	68	26.0
Q016526		81	2.4	15.4	75	29.1
Q016527		89	7.7	16.2	108	29.2
Q016528		74	3.0	17.0	245	26.3
Q016529		33	2.7	10.9	1220	9.0
Q016530		2	0.1	0.9	18	<0.5
Q016531		81	6.0	15.1	224	27.3
Q016532		76	4.1	16.2	326	26.8
Q016533		70	5.6	12.0	899	32.2
Q016534		68	4.0	16.9	1140	26.9
Q016535		73	2.8	13.4	281	26.0
Q016536		84	2.1	16.3	62	27.6
Q016537		82	0.9	16.8	63	28.8
Q016538		76	3.8	14.6	756	25.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093784

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

CERTIFICATE WH14093785

Project: KLAZA

P.O. No.: Batch 9

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093785

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016251		6.48	<0.005	0.11	7.27	59.5	2120	1.63	0.07	2.50	0.10	44.3	8.1	10	21.7	6.9
Q016252		5.62	0.011	0.71	6.88	137.5	1990	1.59	0.09	2.72	0.31	41.2	8.3	9	21.6	7.3
Q016253		3.42	0.028	0.89	6.56	289	1920	1.62	0.12	4.17	2.34	51.8	7.0	8	18.90	16.8
Q016254		<0.02	0.029	0.91	6.84	288	2040	1.66	0.12	4.42	2.33	55.6	7.3	8	19.30	17.1
Q016255		2.08	0.010	0.08	6.27	20.4	1480	1.44	0.11	4.66	0.14	40.4	7.6	9	16.90	4.8
Q016256		4.17	0.012	0.97	7.40	177.5	1160	1.61	0.11	3.27	3.19	53.1	7.7	10	23.8	9.0
Q016257		2.00	<0.005	0.13	5.46	22.0	600	1.29	0.05	3.44	0.40	36.5	5.0	7	19.75	4.5
Q016258		5.24	<0.005	0.08	7.50	12.3	1820	1.49	0.15	2.47	0.11	38.7	8.4	9	18.85	5.6
Q016259		2.81	0.028	1.53	6.96	237	2240	1.61	0.21	2.10	8.55	39.3	8.1	9	16.55	18.5
Q016260		1.30	<0.005	0.01	0.10	0.6	20	0.08	0.03	20.5	0.06	1.34	0.9	1	0.28	2.5
Q016261		5.22	<0.005	0.06	7.41	5.4	2110	1.29	0.12	1.76	0.09	30.7	7.6	10	12.65	11.6
Q016262		1.66	<0.005	0.07	7.28	7.1	2270	1.34	0.13	2.29	0.10	35.0	7.8	9	13.50	8.6
Q016263		4.08	<0.005	0.27	6.46	17.9	1880	1.49	0.32	2.83	0.21	40.3	9.0	9	12.80	9.6
Q016264		5.66	<0.005	0.21	6.96	32.2	990	1.51	0.14	2.34	0.11	40.8	7.3	8	19.40	6.8
Q016265		1.54	0.046	2.70	6.74	1230	1760	1.54	0.64	3.06	4.14	49.8	10.7	8	19.10	39.0
Q016266		3.89	<0.005	0.23	8.06	23.4	1810	1.41	0.38	1.47	1.00	52.4	7.6	10	24.2	21.4
Q016267		0.23	0.384	4.47	6.86	733	520	1.45	3.59	2.08	10.55	49.9	12.3	25	14.20	318
Q016268		1.73	0.032	11.90	7.16	211	2480	1.53	0.21	2.69	2.69	53.6	10.7	8	22.9	17.6
Q016269		1.66	0.612	2.07	5.90	623	810	1.43	0.17	3.62	1.51	44.9	7.4	7	17.05	10.6
Q016270		4.31	0.067	0.45	7.47	85.6	1280	1.64	0.16	2.45	0.84	48.7	7.7	9	22.3	10.5
Q016271		2.43	0.069	0.47	6.82	78.2	1250	1.56	0.15	2.45	0.86	44.0	7.3	8	19.25	12.8
Q016272		4.51	0.865	3.04	6.77	2420	880	1.49	0.30	2.34	12.75	48.5	7.1	9	14.50	59.9
Q016273		2.12	0.149	1.22	5.68	488	1690	1.32	0.12	6.25	1.61	39.2	6.3	6	14.80	16.4
Q016274		3.77	<0.005	0.11	6.83	15.8	2030	1.59	0.19	2.84	0.19	39.5	7.8	9	22.1	6.7
Q016275		5.47	<0.005	0.16	7.11	15.8	1950	1.44	0.22	2.72	0.52	40.1	7.3	9	26.0	7.3
Q016276		2.95	2.23	47.0	6.55	2790	230	1.37	6.23	0.79	84.2	36.4	6.7	8	10.25	293
Q016277		3.96	0.018	0.80	6.99	102.0	2510	2.21	0.20	3.51	0.54	59.3	7.2	16	26.1	10.6
Q016278		2.31	0.005	0.19	7.43	34.6	1070	1.80	0.11	2.31	0.35	73.0	12.1	31	30.5	9.1
Q016279		5.46	<0.005	0.01	0.08	<0.2	30	0.07	0.02	20.4	0.07	1.36	0.7	<1	0.23	2.6
Q016280		2.81	0.104	1.34	7.34	174.0	1630	1.58	0.74	2.20	11.25	49.8	9.3	9	15.65	39.1
Q016281		2.40	0.092	0.92	6.43	501	3120	1.50	0.17	3.13	1.01	43.9	7.8	7	24.2	9.7
Q016282		0.24	0.382	4.33	6.42	711	410	1.39	3.01	2.00	9.78	42.8	11.2	25	12.75	312
Q016283		2.25	<0.005	0.27	7.10	19.2	1530	1.32	0.54	2.16	0.26	33.8	6.9	9	22.7	7.6
Q016284		3.48	0.016	0.58	6.92	47.1	1400	1.57	0.64	3.07	0.87	37.3	5.9	9	16.35	5.5
Q016285		6.87	<0.005	0.54	7.20	9.2	2350	1.64	0.71	2.58	0.41	42.2	7.2	11	11.55	9.7
Q016286		5.47	<0.005	0.17	6.71	6.2	1860	1.59	0.47	2.87	0.14	35.5	6.3	10	14.70	4.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016251		3.19	16.60	0.13	1.2	0.040	2.75	21.7	30.0	0.47	911	1.16	1.36	8.3	2.9	640
Q016252		3.03	15.60	0.12	1.1	0.042	2.98	20.4	52.1	0.40	1560	0.86	0.51	7.7	2.5	610
Q016253		3.49	14.05	0.13	1.0	0.064	2.79	28.8	76.8	1.04	2590	1.06	0.04	6.8	2.4	540
Q016254		3.56	14.60	0.16	1.0	0.065	2.90	30.9	74.9	1.10	2690	1.43	0.04	7.0	2.4	560
Q016255		2.98	15.30	0.12	1.1	0.043	2.55	19.2	32.4	0.59	1350	5.39	0.06	7.8	2.4	580
Q016256		3.63	15.70	0.14	1.2	0.086	3.16	28.7	24.2	1.05	3160	1.36	0.37	7.8	2.7	610
Q016257		2.15	11.50	0.12	0.8	0.055	2.08	19.8	45.4	0.62	1560	0.68	0.04	5.4	1.9	440
Q016258		3.34	17.15	0.12	1.1	0.044	2.98	18.7	32.9	0.78	1300	0.37	0.21	8.0	2.7	650
Q016259		3.37	14.55	0.12	1.0	0.081	2.91	20.1	44.9	0.84	2260	0.44	0.05	6.9	2.8	560
Q016260		0.50	0.31	0.16	<0.1	<0.005	0.04	0.6	1.2	12.65	226	0.18	0.01	0.2	1.6	160
Q016261		3.08	17.80	0.15	1.2	0.039	2.62	13.8	40.3	0.39	745	0.61	0.13	8.7	2.9	660
Q016262		3.12	16.70	0.13	1.1	0.040	2.69	16.2	32.5	0.59	935	0.55	0.18	8.4	2.8	660
Q016263		3.13	15.35	0.13	1.0	0.061	2.46	20.2	27.2	0.88	1610	0.28	0.31	7.0	2.4	540
Q016264		2.72	15.55	0.13	1.1	0.042	2.24	20.5	89.1	0.81	1120	0.59	0.05	7.8	2.6	600
Q016265		3.58	13.90	0.13	1.0	0.154	2.41	27.9	201	1.14	2840	1.07	0.03	6.6	3.7	550
Q016266		3.11	16.70	0.12	1.2	0.072	2.31	27.1	91.6	0.60	1130	1.20	0.05	8.5	2.6	680
Q016267		5.10	15.30	0.12	1.1	0.307	2.90	28.2	27.0	0.79	1900	14.25	0.15	6.4	14.4	530
Q016268		3.52	15.75	0.12	1.2	0.039	2.52	28.6	34.5	1.00	2710	1.94	0.03	8.7	3.0	670
Q016269		4.52	12.70	0.12	0.9	0.188	2.33	24.7	25.7	1.21	11150	1.01	0.02	5.9	2.6	470
Q016270		3.06	16.40	0.13	1.1	0.053	2.87	25.8	73.5	0.86	3990	1.08	0.04	7.6	2.5	620
Q016271		2.91	15.25	0.12	1.1	0.056	2.71	22.5	57.1	0.83	4830	1.06	0.04	7.4	2.4	590
Q016272		3.13	14.75	0.11	1.0	0.429	2.89	26.6	19.9	0.77	11600	0.78	0.02	6.8	2.5	540
Q016273		3.60	11.75	0.12	0.8	0.093	2.25	22.0	26.5	2.19	4410	1.23	0.02	5.5	2.3	460
Q016274		3.00	16.05	0.12	1.1	0.039	2.63	18.9	44.3	0.76	880	0.65	1.30	7.8	2.7	640
Q016275		2.93	16.15	0.11	1.1	0.038	2.73	19.6	64.2	0.69	1240	0.40	0.32	8.0	2.4	640
Q016276		6.17	14.80	0.11	1.0	1.140	2.79	18.5	9.8	0.36	2860	0.59	0.02	6.6	2.8	540
Q016277		2.45	17.70	0.13	3.4	0.035	2.29	29.9	49.2	1.28	1740	2.75	0.04	11.3	5.9	1100
Q016278		3.29	18.10	0.14	4.2	0.034	1.86	37.0	184.5	1.10	998	1.06	0.04	11.8	12.1	1710
Q016279		0.47	0.25	0.15	<0.1	0.005	0.03	0.7	1.3	12.55	209	0.19	<0.01	0.2	1.3	210
Q016280		3.79	16.15	0.13	1.2	0.169	2.83	25.4	17.3	0.76	1900	1.08	1.06	8.0	2.7	630
Q016281		2.81	13.35	0.12	1.0	0.045	2.69	23.9	26.0	1.02	2120	0.77	0.04	6.5	2.4	520
Q016282		4.87	14.60	0.11	1.0	0.290	2.77	23.6	24.9	0.74	1840	14.65	0.15	6.0	13.9	520
Q016283		2.72	15.60	0.12	1.1	0.048	2.94	16.1	47.6	0.66	1220	0.79	0.08	7.5	2.2	640
Q016284		2.89	15.25	0.13	1.1	0.091	2.98	18.7	37.3	0.95	3700	1.21	0.04	7.3	2.0	570
Q016285		3.27	16.20	0.14	1.2	0.045	2.61	20.2	12.7	0.83	1160	1.12	1.76	8.1	2.6	610
Q016286		3.00	15.80	0.12	1.2	0.051	2.57	16.9	32.7	0.68	938	0.70	1.19	8.0	2.4	600

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016251		17.3	109.5	<0.002	0.05	6.92	11.6	1	1.7	238	0.68	<0.05	12.9	0.294	1.39	2.5
Q016252		71.9	132.5	<0.002	0.14	21.4	10.6	1	1.6	130.0	0.63	<0.05	11.6	0.273	2.10	3.0
Q016253		55.2	173.5	<0.002	0.34	20.4	10.3	1	1.9	91.0	0.55	<0.05	13.1	0.250	2.46	4.4
Q016254		61.8	185.5	<0.002	0.35	20.7	10.7	1	1.9	94.3	0.58	<0.05	13.7	0.253	2.59	4.7
Q016255		18.0	95.1	<0.002	0.14	8.71	10.4	1	1.7	98.8	0.66	<0.05	10.7	0.283	1.70	4.0
Q016256		235	181.5	<0.002	0.87	21.6	11.4	1	1.9	121.5	0.69	<0.05	14.2	0.266	2.52	6.0
Q016257		15.5	119.0	<0.002	0.08	42.7	7.7	1	1.1	104.5	0.46	<0.05	9.4	0.195	1.63	7.4
Q016258		15.5	120.0	<0.002	0.12	10.00	11.5	1	1.7	98.4	0.66	<0.05	11.2	0.295	1.76	3.3
Q016259		219	137.5	<0.002	0.55	20.4	10.5	1	1.5	90.0	0.55	<0.05	10.2	0.258	1.93	4.0
Q016260		1.5	1.9	<0.002	0.01	0.11	0.4	1	<0.2	40.5	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q016261		15.9	92.6	<0.002	0.02	15.30	11.5	1	2.3	100.5	0.72	<0.05	9.6	0.299	1.10	2.1
Q016262		15.8	95.0	<0.002	0.06	8.19	11.4	1	1.8	109.0	0.68	<0.05	10.1	0.303	1.35	3.8
Q016263		17.3	108.5	<0.002	0.32	12.10	9.6	1	2.2	101.5	0.59	<0.05	10.9	0.242	1.64	3.0
Q016264		13.7	81.9	<0.002	0.17	19.55	10.5	1	1.9	119.5	0.64	<0.05	11.9	0.270	1.58	5.4
Q016265		195.5	144.5	<0.002	0.53	43.6	10.0	1	1.6	124.0	0.53	<0.05	12.3	0.237	2.27	5.4
Q016266		24.8	96.6	<0.002	0.12	23.3	12.7	1	1.6	94.3	0.68	<0.05	13.9	0.299	1.53	3.0
Q016267		502	165.0	0.003	2.79	29.8	9.2	1	5.6	108.0	0.52	0.33	12.0	0.207	2.40	5.3
Q016268		971	145.0	<0.002	0.62	24.2	11.8	1	1.6	90.8	0.73	<0.05	13.7	0.292	2.37	4.5
Q016269		256	146.0	<0.002	1.75	26.4	9.0	1	1.9	121.0	0.48	<0.05	11.1	0.208	2.25	6.8
Q016270		60.4	134.0	<0.002	0.64	14.95	11.0	1	1.7	136.0	0.61	<0.05	12.7	0.282	2.20	4.8
Q016271		58.7	116.5	<0.002	0.57	14.00	10.5	1	1.6	137.0	0.58	<0.05	12.1	0.268	2.07	4.9
Q016272		954	183.0	<0.002	2.05	147.0	10.0	1	2.0	81.0	0.56	<0.05	11.8	0.245	2.36	3.8
Q016273		96.9	133.5	<0.002	1.35	26.1	8.0	<1	1.6	142.5	0.44	<0.05	9.8	0.193	1.95	8.1
Q016274		22.7	94.9	<0.002	0.07	6.44	11.2	1	1.5	282	0.63	<0.05	10.4	0.280	1.38	3.2
Q016275		35.1	95.4	<0.002	0.07	11.85	10.9	1	1.6	167.0	0.64	<0.05	10.9	0.293	1.52	3.9
Q016276		4490	160.0	<0.002	6.41	144.0	9.8	1	15.4	55.8	0.51	<0.05	9.2	0.235	2.80	2.8
Q016277		65.5	106.0	<0.002	0.36	29.5	6.8	1	1.9	502	0.76	<0.05	9.0	0.311	2.86	5.4
Q016278		21.8	75.3	<0.002	0.06	26.5	7.7	1	1.5	525	0.74	<0.05	7.8	0.434	1.69	4.0
Q016279		1.8	1.4	<0.002	0.01	0.10	0.2	<1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q016280		185.5	140.0	<0.002	1.49	15.10	11.6	1	4.2	227	0.71	<0.05	13.4	0.281	1.85	4.7
Q016281		85.5	147.0	<0.002	0.46	25.9	9.2	1	1.4	110.0	0.55	<0.05	11.3	0.233	1.97	3.5
Q016282		476	146.0	0.004	2.68	28.2	8.5	1	5.2	101.5	0.47	0.32	10.9	0.208	2.19	4.5
Q016283		26.3	109.5	<0.002	0.19	12.15	11.0	1	1.7	112.0	0.59	<0.05	10.3	0.298	1.64	2.6
Q016284		46.6	130.5	<0.002	0.29	12.25	9.6	1	1.9	95.6	0.58	<0.05	11.7	0.256	2.13	6.8
Q016285		73.5	97.3	<0.002	0.06	5.08	10.5	1	3.6	340	0.69	<0.05	12.5	0.278	1.25	3.4
Q016286		23.1	91.2	<0.002	0.05	5.68	9.8	1	2.3	212	0.70	<0.05	11.1	0.265	1.38	4.9

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016251		80	2.1	15.9	68	29.6
Q016252		76	2.1	13.0	102	28.2
Q016253		71	2.4	14.2	307	26.1
Q016254		71	2.5	15.0	303	26.3
Q016255		79	2.3	12.5	65	28.6
Q016256		77	3.7	15.5	324	31.3
Q016257		57	3.0	12.8	73	21.2
Q016258		83	2.8	15.7	72	29.3
Q016259		72	3.4	14.7	1120	24.7
Q016260		2	0.1	0.8	15	<0.5
Q016261		84	5.9	13.8	61	29.8
Q016262		83	3.5	15.1	64	28.4
Q016263		72	4.0	12.6	94	25.4
Q016264		74	6.0	13.5	65	27.7
Q016265		68	3.3	16.0	423	23.2
Q016266		80	3.7	16.2	139	29.5
Q016267		68	5.5	12.3	908	32.7
Q016268		80	1.7	17.7	263	29.4
Q016269		61	3.9	13.4	171	21.5
Q016270		77	3.4	14.9	117	26.8
Q016271		73	3.1	13.8	114	26.0
Q016272		67	3.9	13.7	1900	23.9
Q016273		56	2.5	13.3	207	22.6
Q016274		78	2.1	14.7	71	26.0
Q016275		80	2.1	14.4	130	27.6
Q016276		67	5.8	7.6	9060	25.8
Q016277		63	5.8	13.4	94	134.5
Q016278		81	4.3	13.7	119	176.5
Q016279		2	0.1	0.8	17	0.7
Q016280		80	4.0	15.0	1210	29.3
Q016281		67	2.8	14.0	150	24.7
Q016282		64	5.2	11.4	873	30.5
Q016283		88	3.4	12.7	63	27.9
Q016284		72	4.8	12.6	118	28.1
Q016285		77	2.1	15.3	129	30.3
Q016286		74	1.7	12.3	87	30.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093785

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

CERTIFICATE WH14093786

Project: KLAZA

P.O. No.: Batch 10

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

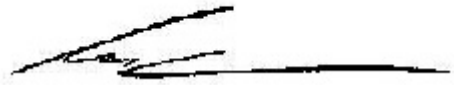
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093786

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q016287		6.24	<0.005	0.13	6.74	12.0	1700	1.60	0.46	2.71	0.12	44.3	7.3	12	10.45	6.7
Q016288		3.56	<0.005	0.24	6.67	13.5	3680	1.71	0.84	4.07	0.22	43.2	8.3	10	15.00	22.9
Q016289		6.88	<0.005	0.12	6.74	7.5	1830	1.48	0.37	3.26	0.19	40.1	7.6	10	13.10	8.7
Q016290		2.24	<0.005	0.15	7.48	32.6	1670	1.72	0.19	1.87	0.60	54.4	7.7	11	19.40	6.2
Q016291		0.52	0.028	3.41	3.62	347	470	0.95	0.24	2.09	5.37	29.1	4.8	8	12.05	27.4
Q016292		1.49	<0.005	0.01	0.07	0.8	20	0.06	0.02	19.90	0.06	1.01	0.7	1	0.26	3.6
Q016293		2.19	<0.005	0.13	7.46	41.1	1480	1.32	0.13	1.36	0.42	45.6	7.0	8	13.30	5.6
Q016294		1.97	0.042	8.12	7.32	105.0	2250	1.30	0.28	2.99	18.50	43.8	7.6	11	13.80	42.6
Q016295		3.25	<0.005	0.16	6.79	21.5	2060	1.35	0.18	2.77	0.32	36.8	7.2	11	10.85	8.2
Q016296		2.30	<0.005	0.06	6.97	4.4	2030	1.62	0.13	2.89	0.09	40.8	7.5	10	11.45	5.3
Q016297		3.22	<0.005	0.08	6.99	4.4	1920	1.36	0.21	2.69	0.06	40.0	7.1	11	12.25	8.0
Q016298		2.85	0.006	0.35	6.69	24.4	1420	1.43	1.19	2.64	0.16	44.4	7.6	8	11.85	13.2
Q016299		0.24	0.353	4.31	6.61	694	1230	1.35	3.59	2.03	10.55	48.2	11.4	24	12.20	311
Q016300		2.15	0.042	3.64	6.62	121.5	1840	1.22	0.60	3.62	30.8	40.3	8.1	11	15.90	41.9
Q016301		5.74	0.005	0.38	6.80	25.7	1420	1.34	0.40	4.07	0.28	40.0	7.1	9	19.75	41.1
Q016302		2.89	<0.005	0.14	6.86	8.3	2160	1.12	0.75	4.65	0.15	43.9	7.4	10	19.55	7.2
Q016303		2.99	<0.005	0.29	6.53	15.0	1030	1.25	0.81	3.71	0.18	48.0	9.8	8	14.75	6.1
Q016304		<0.02	<0.005	0.30	6.48	15.2	950	1.32	0.81	3.87	0.16	47.9	10.1	8	14.65	5.8
Q016305		3.72	<0.005	0.31	7.28	18.2	2080	1.49	0.39	3.24	0.81	49.2	7.7	11	19.25	8.4
Q016306		0.23	0.352	4.40	6.97	687	1250	1.48	3.29	2.09	11.30	51.5	12.1	25	13.20	319
Q016307		3.69	0.011	0.54	6.82	34.3	1100	1.36	0.49	2.99	0.68	47.9	16.0	9	16.15	6.4
Q016308		7.18	0.006	0.16	7.22	62.1	1790	1.47	0.13	2.75	0.23	46.4	8.0	10	35.3	8.0
Q016309		2.76	0.013	0.13	7.19	95.6	1880	1.45	0.10	2.82	0.16	48.1	8.1	9	37.9	6.2
Q016310		3.52	0.265	0.68	7.83	721	1590	1.63	0.17	3.07	1.83	50.5	8.1	9	20.1	9.5
Q016311		2.95	0.038	1.91	6.27	137.5	1580	1.65	0.80	3.85	2.92	42.9	34.9	7	20.3	13.4
Q016312		2.67	0.045	0.23	8.85	109.5	790	1.59	0.69	0.95	0.77	48.8	9.7	8	13.35	3.8
Q016313		2.84	0.042	0.31	7.56	128.5	950	1.53	0.38	2.07	0.32	51.6	7.8	8	12.90	5.8
Q016314		6.05	0.013	1.03	7.72	51.1	1430	1.23	0.39	2.21	0.33	48.4	7.9	9	21.4	8.9
Q016315		3.30	0.021	0.63	8.06	76.4	3700	1.16	0.19	2.32	0.31	49.0	8.0	10	17.45	12.9
Q016316		5.71	0.008	0.29	8.14	62.4	2040	1.45	0.19	2.36	2.03	48.6	8.7	10	17.05	13.7
Q016317		1.16	0.084	1.62	3.97	318	1200	1.06	0.36	7.97	3.91	28.8	6.0	7	12.00	11.4
Q016318		4.90	<0.005	0.01	0.07	<0.2	140	0.07	0.03	20.1	0.06	1.24	0.6	1	0.17	5.9
Q016319		1.32	0.105	4.32	7.47	618	1330	1.37	0.19	2.64	67.0	49.8	8.3	7	17.30	130.0
Q016320		3.45	0.012	0.27	7.82	98.7	2010	1.38	0.11	2.93	0.41	49.4	8.5	10	12.25	15.5
Q016321		4.68	<0.005	0.08	8.10	6.8	2400	1.53	0.11	2.88	0.21	51.6	8.7	13	8.54	7.5
Q016322		0.55	0.072	3.99	6.52	213	1520	1.31	1.44	5.49	3.15	50.1	16.0	7	12.10	22.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016287		3.00	15.75	0.17	1.2	0.037	2.42	22.9	49.7	0.94	898	0.87	0.07	7.5	2.8	590
Q016288		2.77	15.05	0.19	1.0	0.038	2.80	24.6	25.0	1.39	1000	1.51	0.05	5.9	2.4	490
Q016289		2.87	14.65	0.17	1.1	0.039	2.15	21.0	52.4	0.93	907	0.52	0.04	6.7	2.6	560
Q016290		3.11	16.90	0.19	1.4	0.048	3.03	28.4	58.6	0.52	1170	5.61	1.42	8.8	2.7	590
Q016291		2.49	7.65	0.15	0.8	0.074	1.54	15.4	48.4	0.61	2950	1.08	0.02	3.6	2.0	280
Q016292		0.45	0.26	0.12	<0.1	0.007	0.04	0.5	1.3	12.40	210	0.09	0.01	0.1	1.7	180
Q016293		3.21	15.95	0.18	1.2	0.095	2.85	23.7	112.5	0.45	1620	1.70	0.05	7.3	2.8	610
Q016294		3.97	16.20	0.20	1.0	0.135	3.37	22.4	20.2	0.94	8700	0.52	0.29	7.4	2.4	620
Q016295		3.08	16.05	0.16	1.1	0.062	2.98	18.6	14.9	0.57	1240	1.07	1.34	7.2	2.6	630
Q016296		3.04	16.25	0.17	1.1	0.036	2.66	19.9	11.9	0.76	719	0.93	2.03	7.3	2.7	620
Q016297		3.03	15.50	0.21	1.1	0.041	2.66	19.9	11.6	0.75	739	55.8	2.11	7.3	2.8	620
Q016298		3.38	15.70	0.21	1.0	0.091	2.51	22.6	19.0	0.66	1700	75.7	1.17	7.1	2.6	590
Q016299		4.98	15.20	0.18	1.1	0.300	2.98	27.6	25.3	0.77	1850	13.95	0.15	5.8	14.2	530
Q016300		3.39	14.95	0.14	1.0	0.134	2.68	21.0	41.8	0.90	3270	0.91	0.68	7.2	3.2	600
Q016301		3.33	15.95	0.19	1.1	0.057	2.67	20.6	58.1	0.74	1460	0.70	0.06	8.0	2.5	650
Q016302		2.95	15.95	0.15	1.0	0.039	2.46	21.0	34.2	0.87	1150	0.43	0.06	7.4	2.9	630
Q016303		2.98	13.60	0.13	1.0	0.048	1.89	26.0	59.9	1.01	1340	0.61	0.03	6.8	2.6	540
Q016304		2.99	13.35	0.14	0.9	0.041	1.88	25.5	61.6	1.02	1360	0.79	0.03	6.7	2.6	540
Q016305		3.28	16.35	0.15	1.0	0.068	3.00	24.7	20.3	0.98	2190	0.60	1.18	7.4	2.8	610
Q016306		5.15	15.90	0.14	1.1	0.325	3.03	28.4	28.1	0.80	1930	13.20	0.15	5.9	13.5	540
Q016307		3.60	15.05	0.12	0.9	0.118	2.70	25.6	29.3	1.07	3560	0.64	0.03	6.6	2.4	570
Q016308		3.11	16.40	0.16	1.0	0.046	2.93	22.5	37.7	0.82	1260	0.54	0.69	7.7	2.7	640
Q016309		3.18	16.50	0.14	1.0	0.051	2.88	23.0	32.0	0.81	1180	0.57	0.80	7.9	2.6	660
Q016310		3.32	16.85	0.13	1.1	0.059	2.80	25.5	63.4	1.15	2650	0.57	0.04	7.4	2.7	630
Q016311		3.72	13.30	0.14	0.8	0.076	2.49	23.0	21.9	1.21	2980	1.33	0.04	5.9	3.3	530
Q016312		9.44	18.65	0.17	1.4	0.266	4.44	24.2	12.2	0.55	4070	0.20	0.04	8.1	2.6	670
Q016313		6.30	16.90	0.14	1.1	0.244	3.75	27.3	10.1	0.90	3970	0.55	0.04	7.4	2.7	600
Q016314		3.21	16.90	0.12	1.1	0.046	2.37	24.3	76.6	0.77	2070	2.18	0.04	7.6	2.7	640
Q016315		3.82	16.50	0.15	1.1	0.064	2.26	24.3	42.6	0.86	2920	4.19	0.08	7.6	2.7	680
Q016316		3.50	18.55	0.18	1.1	0.052	2.99	23.0	29.3	0.71	1810	1.07	0.83	8.4	2.9	720
Q016317		4.98	8.86	0.11	0.6	0.054	1.64	14.4	16.4	2.46	20100	1.21	0.02	3.7	1.5	310
Q016318		0.45	0.19	0.06	<0.1	<0.005	0.03	0.6	1.2	12.40	206	0.11	0.01	0.4	1.9	200
Q016319		4.06	16.75	0.12	1.0	0.356	3.47	26.5	18.8	0.96	7690	4.14	0.21	7.1	2.6	620
Q016320		3.49	18.05	0.16	1.2	0.063	3.59	23.4	14.3	0.90	2570	2.68	1.41	8.1	2.9	700
Q016321		3.37	17.70	0.17	1.2	0.045	2.96	24.9	14.1	0.96	1000	3.85	2.18	8.2	2.9	690
Q016322		4.51	13.75	0.14	1.0	0.081	3.18	26.5	20.7	1.03	4050	1.07	0.43	5.8	2.4	510

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016287		13.7	84.9	<0.002	0.14	13.25	9.8	1	1.8	139.0	0.63	<0.05	11.5	0.258	1.47	7.4
Q016288		16.6	148.0	<0.002	0.36	13.10	8.7	1	2.2	148.0	0.53	0.08	11.2	0.215	2.03	4.1
Q016289		11.7	82.2	<0.002	0.11	22.3	9.3	<1	1.7	137.0	0.57	<0.05	10.3	0.249	1.43	3.5
Q016290		40.5	133.5	<0.002	0.06	10.20	11.3	<1	1.8	235	0.82	<0.05	16.0	0.277	1.78	2.8
Q016291		580	101.0	<0.002	0.98	79.2	5.2	<1	1.1	50.0	0.34	<0.05	7.7	0.125	1.55	3.2
Q016292		1.7	1.7	<0.002	<0.01	0.16	0.3	1	<0.2	38.0	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q016293		32.4	133.0	<0.002	0.15	21.6	10.0	1	1.5	89.6	0.62	<0.05	12.1	0.254	2.00	2.4
Q016294		1490	159.0	<0.002	0.81	83.4	11.3	1	2.6	111.0	0.55	<0.05	10.6	0.272	2.38	3.0
Q016295		30.1	102.0	<0.002	0.14	7.88	9.6	1	2.0	220	0.58	<0.05	8.9	0.270	1.54	1.7
Q016296		19.4	79.9	<0.002	0.01	2.42	9.9	1	1.4	355	0.55	<0.05	10.2	0.265	0.97	1.6
Q016297		17.1	88.9	<0.002	0.03	2.19	9.9	<1	1.5	341	0.58	<0.05	10.0	0.271	0.96	1.8
Q016298		23.6	116.5	0.002	0.34	8.61	9.9	<1	1.9	114.0	0.56	0.05	10.8	0.253	1.68	2.9
Q016299		483	156.5	0.003	2.72	26.9	8.7	1	5.5	106.5	0.48	0.26	11.0	0.209	2.43	4.8
Q016300		2270	93.1	<0.002	0.64	43.1	10.1	1	1.8	166.0	0.53	<0.05	9.6	0.269	1.59	2.4
Q016301		41.3	103.0	<0.002	0.23	23.6	10.4	1	1.8	123.0	0.65	<0.05	10.5	0.294	1.71	2.7
Q016302		21.1	89.0	0.002	0.12	12.30	10.2	<1	1.7	140.0	0.59	<0.05	11.2	0.271	1.41	3.0
Q016303		12.2	106.0	0.002	0.25	26.1	10.0	<1	1.9	129.0	0.57	<0.05	12.3	0.238	2.01	4.9
Q016304		12.3	104.0	0.003	0.26	27.2	9.8	<1	2.0	130.0	0.55	<0.05	12.3	0.233	1.89	5.3
Q016305		51.3	136.5	0.003	0.23	7.04	11.0	<1	1.5	236	0.59	<0.05	13.4	0.273	1.93	4.4
Q016306		500	165.5	0.006	2.88	29.7	9.2	1	5.7	110.0	0.46	0.33	12.7	0.213	2.67	5.6
Q016307		82.5	152.5	0.002	0.77	10.35	10.2	<1	1.8	113.0	0.51	0.06	12.6	0.240	2.48	6.9
Q016308		20.7	121.0	0.002	0.15	10.10	11.2	<1	1.6	210	0.58	<0.05	11.7	0.281	1.90	3.4
Q016309		18.1	115.5	0.002	0.18	10.25	11.2	<1	1.7	218	0.59	<0.05	12.2	0.294	1.83	3.0
Q016310		69.0	136.5	0.002	0.74	14.70	11.2	<1	2.0	154.0	0.57	<0.05	13.1	0.278	2.67	4.9
Q016311		216	137.0	0.003	1.36	16.55	9.1	<1	3.0	138.0	0.45	0.79	10.7	0.231	2.21	5.6
Q016312		26.9	257	0.002	3.33	9.50	12.5	1	4.9	26.7	0.73	0.08	15.3	0.273	4.08	3.9
Q016313		34.4	221	0.003	2.77	9.88	11.4	<1	3.0	44.3	0.64	<0.05	14.8	0.258	2.74	3.0
Q016314		55.5	110.5	0.003	0.31	35.6	11.5	1	1.7	80.9	0.61	<0.05	13.4	0.282	2.04	3.5
Q016315		34.5	113.0	0.003	0.49	35.7	11.7	<1	1.9	86.2	0.58	<0.05	13.0	0.289	1.70	2.4
Q016316		46.2	131.0	0.003	0.25	13.95	12.6	<1	2.0	202	0.64	<0.05	12.5	0.313	1.80	3.0
Q016317		283	109.5	0.003	1.56	27.7	5.5	<1	1.8	147.5	0.31	<0.05	7.5	0.134	1.63	6.0
Q016318		2.8	1.4	<0.002	<0.01	0.10	0.2	<1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q016319		381	225	0.003	1.66	202	11.4	1	2.4	76.7	0.50	<0.05	12.9	0.265	2.92	6.0
Q016320		26.1	163.5	0.002	0.26	12.25	11.8	<1	2.0	258	0.62	<0.05	12.9	0.306	2.28	4.2
Q016321		18.7	116.0	0.003	0.03	2.98	12.3	<1	1.7	380	0.60	<0.05	13.8	0.306	1.25	3.5
Q016322		174.0	209	0.003	1.98	34.4	9.6	1	2.0	159.5	0.47	<0.05	12.8	0.219	2.41	11.9

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093786

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q016287		72	2.0	12.5	78	26.7
Q016288		66	2.2	11.9	61	22.2
Q016289		70	1.6	11.2	72	24.3
Q016290		84	3.7	16.9	118	32.5
Q016291		41	2.4	7.4	439	17.2
Q016292		2	0.1	0.7	15	<0.5
Q016293		72	3.4	13.1	97	28.8
Q016294		76	3.0	14.3	2350	25.6
Q016295		78	2.0	12.0	98	24.5
Q016296		76	0.8	13.5	63	24.2
Q016297		75	10.0	13.6	56	24.7
Q016298		74	7.7	11.8	93	25.1
Q016299		65	5.3	11.0	878	28.8
Q016300		74	2.5	13.5	3660	23.6
Q016301		80	3.3	13.5	84	25.2
Q016302		74	2.1	13.8	59	23.2
Q016303		66	2.5	14.6	64	22.4
Q016304		66	2.5	14.6	67	22.0
Q016305		77	1.1	14.9	97	23.8
Q016306		68	5.7	11.1	917	28.3
Q016307		67	3.5	13.3	93	21.7
Q016308		79	1.6	14.4	66	23.8
Q016309		81	1.9	14.3	63	24.6
Q016310		78	3.8	13.4	175	24.8
Q016311		67	5.5	11.7	366	19.5
Q016312		68	43.5	9.9	166	34.2
Q016313		69	16.0	12.2	134	27.0
Q016314		77	6.1	14.3	88	26.7
Q016315		79	8.8	14.7	95	26.0
Q016316		89	3.5	15.5	229	28.2
Q016317		40	3.8	11.4	331	16.2
Q016318		2	0.1	0.8	16	<0.5
Q016319		75	5.1	14.2	7690	25.8
Q016320		86	3.0	14.8	105	30.0
Q016321		87	1.4	16.3	79	31.3
Q016322		68	2.8	15.1	597	25.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093786

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

CERTIFICATE WH14093787

Project: KLAZA

P.O. No.: Batch 13

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
BAG-01	Bulk Master for Storage
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate

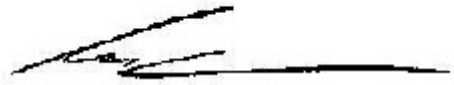
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093787

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q016701		1.23	>10.0	40.5	>100	0.65	>10000	100	0.19	994	0.17	134.0	1.21	480	9	0.68
Q016702		1.93	3.91		16.40	5.14	4430	480	0.76	34.0	0.26	11.10	25.1	45.6	10	5.93
Q016703		1.63	>10.0	38.9	>100	0.82	>10000	50	0.19	179.5	0.07	99.4	1.92	26.6	9	0.75
Q016704		4.86	0.010		0.12	0.05	72.1	20	<0.05	0.22	20.1	0.12	1.05	0.6	<1	0.09
Q016705		1.85	1.415		6.15	4.94	1235	350	0.91	1.61	1.76	71.6	33.4	10.6	8	8.82
Q016706		3.41	0.441		23.5	6.89	1160	410	1.50	9.35	1.74	22.6	47.0	7.1	10	16.35
Q016707		6.69	>10.0	56.4	>100	0.25	>10000	30	0.12	448	0.96	366	13.10	16.0	7	0.28
Q016708		6.89	3.36		71.5	5.57	4020	320	0.84	3.65	0.64	53.2	34.2	8.5	12	5.93
Q016709		1.70	0.046		1.04	7.54	82.9	1330	1.40	1.25	1.84	2.75	46.1	7.7	10	19.35
Q016710		3.89	0.025		2.63	5.36	285	950	1.20	0.65	1.79	4.52	36.5	6.4	10	16.90
Q016711		<0.02	0.024		2.58	5.52	293	1030	1.24	0.69	1.82	4.79	37.2	6.6	9	17.35
Q016712		5.27	0.016		1.84	6.34	132.0	650	1.25	0.92	1.84	4.14	42.8	6.6	11	15.95
Q016713		5.48	0.775		8.22	5.21	1390	210	0.91	6.75	0.35	29.9	17.55	9.9	14	11.30
Q016714		4.42	<0.005		0.04	0.04	1.7	70	0.06	0.07	20.7	0.10	0.99	0.6	<1	0.10
Q016715		6.69	0.008		1.20	6.96	178.0	1490	1.51	0.27	2.73	2.74	47.5	6.3	12	21.6
Q016716		2.93	1.980		13.00	5.37	1190	300	1.06	0.67	2.23	17.10	34.2	7.0	14	13.00
Q016717		3.53	0.007		0.28	7.03	44.9	1920	1.37	0.20	2.55	0.66	42.3	7.9	13	13.95
Q016718		0.99	<0.005		1.32	7.18	74.8	1840	1.27	0.26	1.52	8.51	47.6	6.6	10	15.15
Q016719		3.78	0.875		4.41	5.15	822	240	0.87	4.96	0.40	10.35	16.10	26.8	12	9.87
Q016720		3.80	0.022		1.91	6.76	77.7	1400	1.44	2.33	1.00	8.19	35.0	7.9	11	19.60
Q016721		3.89	<0.005		0.17	7.50	20.3	800	1.49	0.19	1.50	0.32	55.8	7.0	10	17.55
Q016722		3.72	0.068		0.75	6.64	656	1050	1.29	0.20	1.61	1.07	44.2	8.4	10	19.20
Q016723		2.98	<0.005		0.16	7.38	24.6	1150	1.53	0.25	1.62	0.21	53.2	7.4	11	22.3
Q016724		<0.02	<0.005		0.13	7.31	23.1	1160	1.53	0.23	1.62	0.23	55.7	7.7	12	23.0
Q016725		3.93	<0.005		0.07	7.46	6.0	1910	1.50	0.24	2.33	0.07	48.1	8.3	12	13.15
Q016726		3.34	>10.0	29.9	>100	1.88	>10000	1030	0.24	241	0.29	439	10.75	13.6	12	2.21
Q016727		5.00	>10.0	28.9	>100	1.03	>10000	130	0.26	318	1.80	270	12.20	179.0	12	2.16
Q016728		2.79	1.485		22.3	6.79	1090	350	1.26	30.6	1.37	10.55	47.0	11.1	13	14.45
Q016729		2.66	0.020		1.12	8.06	48.4	1800	1.03	0.73	0.98	0.42	59.6	8.8	12	15.05
Q016730		1.42	0.175		7.30	7.12	522	280	1.11	2.22	0.52	4.68	45.0	9.2	13	9.83
Q016731		0.09	>10.0	14.00	>100	4.55	170.5	600	0.38	2.03	2.11	879	19.10	59.0	50	1.33
Q016732		2.46	>10.0	39.0	>100	0.92	>10000	200	0.13	376	0.28	132.5	5.02	20.0	9	0.89
Q016733		3.12	0.154		5.22	7.31	680	550	1.70	0.94	2.25	4.82	50.4	6.9	13	14.15
Q016734		8.89	0.062		2.71	7.81	186.0	2050	2.21	1.09	2.60	0.84	76.3	9.6	25	37.5
Q016735		0.22	1.840		39.5	5.99	2440	1470	1.20	30.9	1.72	47.2	40.7	17.0	22	9.99
Q016736		4.19	1.855		42.3	5.84	2100	1530	1.30	3.09	3.42	147.5	41.5	7.0	8	18.90

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q016701		4990	20.7	2.89	0.08	<0.1	5.44	0.30	0.8	10.0	0.07	4060	13.75	0.01	0.2	7.6
Q016702		870	9.31	16.20	0.09	0.7	0.745	2.60	11.8	9.4	0.19	259	4.05	0.02	4.6	2.5
Q016703		2520	20.9	2.81	0.10	0.1	1.460	0.39	1.0	6.3	0.04	234	8.35	<0.01	0.6	2.4
Q016704		5.7	0.49	0.15	<0.05	<0.1	0.008	0.02	0.5	0.8	12.45	197	0.14	<0.01	0.2	1.4
Q016705		45.6	4.82	11.65	0.09	0.9	1.520	1.92	17.0	25.4	0.62	1800	25.2	0.02	4.7	3.2
Q016706		195.5	3.55	14.95	0.12	1.4	0.509	2.85	24.2	19.9	0.60	9810	1.86	0.02	7.5	3.5
Q016707		>10000	23.8	2.71	0.12	<0.1	12.30	0.11	7.5	7.4	0.31	46700	3.03	<0.01	0.1	1.1
Q016708		303	5.53	14.15	0.08	0.8	0.782	2.72	16.7	9.3	0.33	23000	2.15	0.02	5.8	2.5
Q016709		30.6	3.20	17.30	0.12	1.2	0.086	3.21	22.7	32.7	0.72	2700	1.02	0.06	8.2	3.3
Q016710		63.5	3.25	12.30	0.11	0.9	0.154	2.28	19.8	40.9	0.77	3060	1.03	0.03	5.9	3.1
Q016711		63.4	3.34	12.80	0.12	1.4	0.167	2.35	20.5	42.0	0.79	3160	1.01	0.03	6.2	3.0
Q016712		82.7	3.19	14.05	0.11	0.9	0.137	2.58	22.8	64.5	0.71	2520	2.02	0.03	6.9	2.7
Q016713		113.5	6.60	12.95	0.08	0.7	0.401	2.47	8.1	20.0	0.25	2130	6.96	0.02	4.8	2.6
Q016714		8.8	0.49	0.14	0.14	<0.1	0.010	0.02	0.5	0.9	12.65	205	0.13	<0.01	0.1	1.6
Q016715		14.6	3.24	15.20	0.15	1.1	0.055	2.64	24.6	85.9	0.91	3290	1.41	0.03	7.7	3.1
Q016716		136.0	4.47	11.55	0.09	0.8	0.152	2.59	17.2	15.4	0.82	5690	2.48	0.02	5.7	3.1
Q016717		8.9	3.08	16.00	0.12	1.1	0.041	3.09	20.3	14.8	0.72	2130	1.03	1.61	7.8	2.9
Q016718		20.6	4.22	15.00	0.12	1.1	0.182	3.36	26.2	15.8	0.83	2180	7.45	0.04	7.4	2.4
Q016719		42.5	9.96	13.70	0.07	0.7	0.395	2.36	7.1	12.3	0.39	1720	1.50	0.02	4.9	3.5
Q016720		28.8	6.10	15.80	0.09	0.9	0.449	3.13	17.7	18.2	0.81	2510	0.62	0.03	6.6	2.8
Q016721		8.0	3.43	15.30	0.13	0.9	0.068	2.98	30.7	35.8	0.76	1410	0.65	0.03	7.4	2.8
Q016722		11.0	3.35	14.25	0.11	0.9	0.087	2.87	23.7	42.8	0.76	1570	1.94	0.03	7.0	3.0
Q016723		10.4	3.29	15.65	0.12	1.0	0.062	3.13	27.9	31.9	0.76	1440	0.84	0.13	7.5	2.9
Q016724		10.2	3.28	16.25	0.14	1.0	0.057	3.17	30.4	32.9	0.78	1440	0.98	0.13	7.7	2.9
Q016725		6.2	3.46	16.60	0.16	1.1	0.049	2.55	24.1	13.3	0.78	967	0.70	1.66	8.2	2.9
Q016726		>10000	23.3	5.42	0.10	0.3	7.75	0.90	5.7	5.1	0.12	5400	4.37	0.01	1.7	1.4
Q016727		8310	21.0	3.18	0.12	0.2	4.92	0.46	6.2	8.1	0.58	2430	7.01	0.01	1.0	3.5
Q016728		493	5.34	15.55	0.11	1.2	0.915	3.54	25.0	9.0	0.58	7310	3.56	0.06	7.0	3.3
Q016729		21.2	3.17	16.85	0.12	1.3	0.050	2.83	32.7	44.0	0.65	1420	1.04	0.09	9.0	3.3
Q016730		86.0	5.48	17.55	0.10	1.0	0.192	3.67	23.1	4.4	0.34	2580	1.41	0.03	7.1	3.1
Q016731		>10000	9.54	15.95	0.13	0.6	3.02	0.88	9.0	4.8	0.82	1680	156.5	1.14	2.0	17.9
Q016732		4950	22.0	2.99	0.06	0.1	4.61	0.44	2.0	5.0	0.11	7550	4.58	0.01	0.7	1.4
Q016733		59.9	4.09	16.20	0.07	1.2	0.146	3.24	26.6	10.7	0.74	7260	1.30	0.02	7.5	3.4
Q016734		31.5	3.30	19.70	0.09	3.7	0.051	2.10	38.8	60.1	1.14	1750	2.84	0.04	11.5	10.4
Q016735		1240	9.45	14.70	0.09	0.8	1.570	2.66	21.2	17.6	0.71	2380	19.30	0.07	5.0	15.2
Q016736		81.7	4.67	13.35	0.08	1.2	0.317	1.77	21.3	56.1	1.08	6170	4.99	0.03	6.4	3.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q016701		<10	>10000	19.3	0.014	>10.0	1360	0.9	7	8.2	4.5	<0.05	29.7	0.2	0.005	1.00
Q016702		380	670	155.5	<0.002	9.96	82.9	8.2	<1	12.0	9.7	0.35	0.54	7.2	0.183	1.65
Q016703		40	9690	26.0	0.002	>10.0	799	1.3	3	3.1	2.4	0.05	6.81	1.1	0.022	0.47
Q016704		230	17.6	0.9	<0.002	0.02	0.80	0.1	<1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q016705		400	876	120.5	0.002	4.07	60.8	6.9	<1	3.5	71.5	0.38	0.05	8.1	0.169	1.71
Q016706		620	3540	167.5	<0.002	2.60	176.5	9.3	<1	4.0	78.5	0.58	0.06	10.0	0.251	2.79
Q016707		10	>10000	5.7	<0.002	>10.0	1765	0.6	3	23.0	15.0	<0.05	2.19	0.5	0.005	0.55
Q016708		470	4720	164.5	<0.002	5.32	461	8.6	1	10.9	20.4	0.47	0.14	8.9	0.207	2.56
Q016709		650	115.5	129.5	<0.002	0.16	19.85	11.1	1	2.3	80.9	0.70	<0.05	13.1	0.286	2.14
Q016710		450	159.0	137.0	<0.002	0.70	69.4	9.0	1	2.8	65.7	0.54	<0.05	10.5	0.199	1.79
Q016711		470	163.0	141.0	0.002	0.73	70.2	9.3	1	3.2	68.2	0.55	<0.05	10.8	0.205	1.90
Q016712		570	180.5	135.0	<0.002	0.47	67.6	9.6	<1	2.4	94.1	0.56	<0.05	11.8	0.245	2.09
Q016713		370	959	143.0	0.002	6.62	79.3	7.0	<1	8.0	48.3	0.40	<0.05	7.5	0.180	1.76
Q016714		190	3.0	0.8	<0.002	0.03	0.30	0.1	<1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	<0.02
Q016715		590	124.5	117.0	<0.002	0.70	27.3	10.4	1	1.8	124.5	0.64	<0.05	12.5	0.260	2.35
Q016716		410	1070	166.0	<0.002	3.03	123.0	8.4	1	2.1	36.2	0.52	<0.05	9.6	0.194	2.50
Q016717		610	32.1	107.0	<0.002	0.36	6.67	10.6	1	1.6	306	0.64	<0.05	11.7	0.273	1.62
Q016718		580	414	190.0	<0.002	0.53	12.50	10.5	1	3.2	55.2	0.65	<0.05	12.3	0.260	2.42
Q016719		370	426	126.5	<0.002	8.23	24.1	7.5	<1	7.7	17.9	0.42	0.12	8.0	0.171	1.60
Q016720		520	229	158.5	<0.002	0.73	12.35	10.0	<1	2.0	34.0	0.57	0.21	11.9	0.234	2.12
Q016721		610	28.5	152.0	<0.002	0.13	13.20	10.9	1	1.6	70.9	0.58	<0.05	14.6	0.266	1.86
Q016722		550	87.6	149.5	<0.002	0.34	28.7	11.1	1	2.3	55.0	0.56	<0.05	12.5	0.251	1.91
Q016723		600	11.2	150.0	<0.002	0.12	12.40	11.0	1	1.6	46.9	0.60	0.06	13.0	0.267	2.42
Q016724		620	11.0	162.0	<0.002	0.12	12.60	11.4	<1	1.5	48.2	0.61	<0.05	14.0	0.271	2.46
Q016725		640	16.3	89.1	<0.002	0.01	6.08	11.4	1	1.7	286	0.64	<0.05	13.1	0.287	1.06
Q016726		120	>10000	50.3	<0.002	>10.0	1265	2.4	2	32.8	14.0	0.15	2.23	2.7	0.060	1.19
Q016727		80	>10000	24.0	0.004	>10.0	1820	1.2	4	20.0	34.7	0.07	8.07	1.3	0.033	1.00
Q016728		550	901	189.0	0.002	3.13	117.0	9.7	1	3.1	60.8	0.64	0.08	11.6	0.239	2.83
Q016729		700	48.5	123.0	<0.002	0.11	22.8	12.2	1	2.1	103.5	0.87	<0.05	14.1	0.309	1.46
Q016730		620	279	219	<0.002	5.14	58.2	10.9	1	7.3	22.8	0.56	<0.05	10.3	0.275	2.77
Q016731		590	>10000	26.0	0.069	>10.0	199.5	10.7	9	17.9	230	0.14	0.51	1.7	0.186	7.67
Q016732		50	>10000	25.3	<0.002	>10.0	1475	1.1	1	11.2	8.8	0.06	3.31	1.1	0.026	1.21
Q016733		600	301	215	<0.002	3.02	55.0	10.7	1	2.7	84.6	0.53	<0.05	13.9	0.254	3.08
Q016734		1410	446	111.0	<0.002	0.28	60.0	7.9	<1	1.6	406	0.70	<0.05	9.3	0.363	2.31
Q016735		480	1700	143.0	0.003	8.18	107.5	8.4	1	11.2	68.5	0.37	0.86	9.0	0.178	2.09
Q016736		540	4850	92.9	<0.002	1.50	88.4	8.2	<1	4.2	133.0	0.49	0.05	9.4	0.217	1.55

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001
Q016701		0.1	16	1.8	0.6	>10000	<0.5	536		11.25	1.395
Q016702		3.6	56	7.9	4.8	1240	18.0				
Q016703		2.1	10	11.8	0.7	>10000	2.6	107			1.205
Q016704		0.7	1	0.1	0.7	30	<0.5				
Q016705		15.1	51	7.9	8.0	8400	23.6				
Q016706		3.9	65	5.9	12.4	2450	38.8				
Q016707		0.5	2	1.6	13.4	>10000	0.7	318	0.961	1.590	4.36
Q016708		3.2	60	9.5	8.1	6370	21.4				
Q016709		4.4	78	5.4	15.6	372	28.0				
Q016710		21.2	65	8.2	10.8	514	21.5				
Q016711		22.9	68	8.5	11.3	549	21.0				
Q016712		13.4	72	4.5	11.6	483	22.6				
Q016713		16.5	55	4.5	5.6	2800	17.7				
Q016714		0.7	1	0.1	0.7	20	<0.5				
Q016715		6.3	74	8.3	13.9	330	27.5				
Q016716		15.5	58	3.5	10.4	1400	20.0				
Q016717		4.0	74	1.7	14.4	99	27.1				
Q016718		4.0	70	3.2	12.3	1080	25.3				
Q016719		3.2	53	4.1	6.0	1200	17.2				
Q016720		4.0	70	2.8	10.1	1140	21.0				
Q016721		5.4	74	2.2	14.9	107	23.3				
Q016722		6.1	74	3.7	12.7	153	22.0				
Q016723		6.7	75	2.0	12.7	105	23.6				
Q016724		6.9	76	2.1	13.4	105	24.7				
Q016725		3.4	80	2.1	15.4	79	25.7				
Q016726		1.7	18	3.1	3.4	>10000	6.9	660	1.285	3.11	4.21
Q016727		3.3	10	1.3	4.6	>10000	5.5	669		1.880	2.32
Q016728		14.7	71	8.0	13.5	1120	26.2				
Q016729		4.3	85	7.1	17.9	117	29.9				
Q016730		2.8	80	6.6	8.8	460	23.8				
Q016731		2.2	128	7.8	11.7	>10000	10.8	131	2.85	2.47	15.65
Q016732		0.6	9	1.9	2.8	>10000	2.7	498		9.06	1.360
Q016733		4.2	71	4.9	12.9	494	32.5				
Q016734		5.2	73	2.6	14.0	149	167.0				
Q016735		5.2	59	7.0	9.4	3480	23.1				
Q016736		3.3	59	5.9	12.3	>10000	38.8				0.977

***** See Appendix Page for comments regarding this certificate *****

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

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

Project: KLAZA

Finalized Date: 8-JUL-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14093787

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	BAG-01	CRU-32	CRU-QC	LOG-22
	LOG-22d	LOG-23	PUL-35a	PUL-35ad
	PUL-QC	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	Au-AA24	Au-GRA22	Cu-OG62
	ME-MS61	ME-OG62	Pb-OG62	Zn-OG62

ALS Canada Ltd.

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

CERTIFICATE WH14093788

Project: KLAZA

P.O. No.: Batch 12

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
SPL-21	Split sample - riffle splitter
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093788

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016574		9.53	<0.005	0.06	7.60	4.1	2380	1.58	0.15	2.93	0.10	45.4	7.9	14	6.41	5.5
Q016575		4.36	<0.005	0.18	7.67	18.6	2220	1.63	0.34	3.18	0.13	46.3	8.0	12	13.45	8.0
Q016576		10.48	<0.005	0.09	7.43	5.8	2270	1.63	0.19	2.80	0.13	44.8	8.1	12	8.38	6.6
Q016577		5.08	<0.005	0.11	7.28	4.7	2270	1.69	0.25	2.82	0.14	45.6	8.4	13	8.75	7.4
Q016578		6.44	<0.005	0.12	8.08	8.9	2350	1.19	0.19	1.43	1.07	42.4	8.1	11	17.50	14.3
Q016579		3.32	0.008	1.51	6.67	56.6	1330	1.20	0.30	2.27	4.05	33.1	8.3	8	19.65	196.0
Q016580		1.32	<0.005	0.01	0.07	0.5	20	<0.05	0.03	20.4	0.06	0.94	0.8	1	0.19	2.8
Q016581		3.94	<0.005	0.08	7.46	5.0	2180	1.46	0.12	2.42	0.09	38.9	8.0	11	14.85	7.6
Q016582		9.27	<0.005	0.09	7.45	4.5	2290	1.53	0.12	2.98	0.17	41.6	7.9	11	12.20	9.2
Q016583		3.90	<0.005	0.10	7.36	8.3	2230	1.58	0.11	3.01	0.19	39.2	7.5	11	14.60	11.5
Q016584		3.75	<0.005	0.21	8.04	16.7	2520	1.19	0.11	1.63	0.19	45.3	7.1	9	17.30	35.2
Q016585		2.72	<0.005	0.07	7.49	5.1	2260	1.48	0.15	3.12	0.21	44.1	8.3	11	16.55	6.7
Q016586		7.20	<0.005	0.15	6.93	14.9	1960	1.39	0.27	2.81	0.25	38.7	7.7	11	13.95	6.3
Q016587		<0.02	<0.005	0.18	7.15	14.1	2020	1.47	0.30	2.90	0.26	38.3	7.8	11	14.35	7.4
Q016588		5.86	<0.005	0.12	7.25	6.6	2170	1.47	0.18	2.97	0.17	39.8	7.7	9	12.45	7.5
Q016589		2.76	<0.005	0.11	6.31	8.3	1990	1.52	0.19	3.15	0.12	30.3	7.7	9	25.8	7.0
Q016590		11.25	0.005	0.10	7.07	11.2	2020	1.53	0.13	2.44	0.30	38.5	7.6	10	30.6	6.6
Q016591		7.88	<0.005	0.06	6.72	13.4	1980	1.58	0.11	2.55	0.10	37.1	7.5	9	30.3	6.1
Q016592		0.23	0.861	11.75	6.65	1600	860	1.37	12.90	1.89	31.2	45.2	17.2	20	13.90	289
Q016593		3.41	0.111	3.24	6.93	418	910	1.37	0.60	2.09	19.40	43.7	8.7	8	22.4	43.5
Q016594		7.09	0.007	0.10	8.20	8.7	1900	1.32	0.18	1.47	0.11	54.6	8.5	10	27.3	7.9
Q016595		6.77	<0.005	0.22	7.23	37.3	1070	1.59	0.17	2.34	0.57	45.0	7.8	8	19.35	6.5
Q016596		3.34	0.572	6.24	6.92	2300	890	1.40	1.05	1.81	55.3	45.7	7.0	8	14.70	97.6
Q016597		1.24	<0.005	0.01	0.09	1.6	20	0.15	0.02	21.3	0.09	1.01	0.7	2	0.30	2.1
Q016598		6.36	<0.005	0.17	7.58	23.9	2040	1.49	0.17	2.19	0.36	44.4	7.6	10	20.8	13.8
Q016599		6.14	0.037	3.00	7.50	376	1170	1.49	0.68	0.19	14.05	40.9	10.2	9	17.05	98.8
Q016600		5.76	0.008	0.09	7.26	7.8	2300	1.48	0.13	2.77	0.10	43.3	7.8	11	11.30	6.2
Q016601		7.90	<0.005	0.08	7.91	31.8	2200	1.18	0.09	1.13	0.96	46.6	7.6	9	15.75	11.5
Q016602		6.52	<0.005	0.39	6.93	95.9	1560	1.19	0.20	1.38	1.75	39.3	6.8	9	17.20	29.3
Q016603		3.88	0.607	3.09	4.97	460	760	1.15	2.09	2.36	34.8	31.2	13.2	7	17.70	91.5
Q016604		4.96	<0.005	0.11	6.76	30.9	2290	1.41	0.07	2.99	0.72	39.7	7.3	10	18.10	7.7
Q016605		11.48	<0.005	0.07	7.39	8.2	2070	1.60	0.08	3.14	0.13	48.0	7.6	9	29.4	7.4
Q016606		3.73	<0.005	0.06	7.57	4.5	2140	1.60	0.12	2.84	0.08	50.6	8.1	10	16.15	8.9
Q016607		0.23	0.356	4.09	6.83	721	650	1.49	3.43	2.07	11.10	50.7	12.3	24	14.70	315
Q016608		9.30	<0.005	0.25	8.14	217	2600	1.28	0.09	0.82	4.90	51.5	9.3	8	19.15	7.8
Q016609		4.60	<0.005	0.38	6.74	57.2	2040	1.74	0.72	1.35	4.51	41.2	7.2	8	27.6	13.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093788

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016574		3.21	16.55	0.13	1.2	0.034	2.60	22.5	15.5	0.92	759	0.86	2.39	8.3	2.7	670
Q016575		3.49	17.25	0.15	1.2	0.045	2.73	23.2	19.5	0.94	884	1.01	2.05	8.5	2.8	650
Q016576		3.15	16.85	0.14	1.2	0.037	2.50	21.7	20.2	0.91	738	0.91	2.33	8.5	2.7	630
Q016577		3.14	17.50	0.14	1.3	0.037	2.47	21.8	20.3	0.93	769	0.97	2.32	8.9	2.8	640
Q016578		3.28	16.70	0.13	1.3	0.040	2.10	20.9	39.0	0.53	1200	1.28	0.07	8.7	2.7	680
Q016579		3.41	15.05	0.11	1.0	0.061	2.09	16.5	40.9	0.76	2310	6.52	0.05	7.3	3.0	570
Q016580		0.50	0.21	0.14	<0.1	<0.005	0.03	<0.5	1.0	12.70	229	0.07	<0.01	0.1	1.5	170
Q016581		3.16	16.65	0.16	1.3	0.037	2.49	19.0	20.6	0.81	641	0.64	1.77	8.3	2.6	640
Q016582		3.19	16.80	0.14	1.2	0.042	2.59	19.5	15.0	0.88	788	0.88	2.28	8.3	2.7	630
Q016583		3.11	16.55	0.12	1.2	0.038	2.66	18.4	13.5	0.84	868	1.41	2.13	8.2	2.4	640
Q016584		3.12	17.20	0.15	1.2	0.045	2.76	22.5	28.1	0.53	1100	1.07	0.17	8.7	2.5	670
Q016585		3.22	16.55	0.14	1.1	0.036	2.50	20.9	14.9	0.79	757	0.66	2.15	8.2	2.8	670
Q016586		3.34	15.60	0.12	1.0	0.055	2.72	18.4	14.1	0.84	1280	0.74	1.59	7.7	2.5	620
Q016587		3.46	16.15	0.13	1.0	0.057	2.82	18.5	14.6	0.86	1290	0.82	1.65	7.9	2.7	640
Q016588		3.15	16.15	0.14	1.2	0.039	2.71	18.6	17.8	0.78	883	0.86	1.65	8.3	2.5	640
Q016589		3.02	15.00	0.12	1.1	0.031	2.56	13.7	20.1	0.84	1220	1.81	1.26	7.3	3.0	590
Q016590		3.07	16.75	0.12	1.2	0.040	2.74	18.2	29.1	0.67	958	1.90	0.79	8.3	2.8	650
Q016591		3.09	15.85	0.12	1.1	0.036	2.71	17.6	31.8	0.71	1080	1.88	0.82	7.8	2.6	620
Q016592		6.60	15.00	0.13	1.0	0.769	2.79	24.3	19.3	0.78	1800	9.57	0.13	6.5	11.3	550
Q016593		4.13	15.45	0.10	1.0	0.149	2.88	23.3	20.1	0.65	4610	3.50	0.03	7.1	3.0	580
Q016594		3.35	18.00	0.14	1.3	0.045	2.87	28.6	36.7	0.67	1240	0.94	0.09	9.0	2.8	700
Q016595		3.00	15.85	0.12	1.1	0.036	2.17	23.1	106.5	0.81	2220	1.19	0.03	7.8	2.6	650
Q016596		3.96	15.10	0.11	1.0	0.255	3.03	24.8	11.5	0.64	5920	2.58	0.02	6.9	2.7	580
Q016597		0.51	0.26	0.12	<0.1	<0.005	0.03	0.5	1.4	13.10	228	0.08	<0.01	0.1	1.4	180
Q016598		3.15	17.05	0.17	1.1	0.040	2.83	21.5	23.0	0.75	1200	1.57	1.02	8.4	3.0	670
Q016599		5.05	16.80	0.11	1.2	0.215	2.93	21.7	19.2	0.24	2020	3.27	0.09	8.0	2.5	560
Q016600		3.25	16.70	0.14	1.3	0.039	2.50	20.9	15.9	0.80	749	0.78	2.15	8.3	2.7	640
Q016601		3.09	17.45	0.12	1.3	0.040	2.13	23.9	38.1	0.33	860	1.05	0.10	8.8	2.6	690
Q016602		2.99	15.55	0.12	1.2	0.049	1.72	19.7	58.5	0.42	1380	1.55	0.03	7.8	2.5	590
Q016603		5.40	11.55	0.10	0.8	0.488	2.13	17.3	18.9	0.89	5420	2.86	0.02	5.0	2.3	370
Q016604		3.00	16.60	0.13	1.3	0.041	2.52	18.7	22.5	0.49	824	1.07	1.03	8.4	2.5	630
Q016605		2.78	15.65	0.13	1.2	0.036	2.50	25.1	19.6	0.61	793	0.70	1.54	7.9	2.4	630
Q016606		3.10	16.85	0.14	1.3	0.033	2.60	25.5	12.4	0.78	722	0.69	2.20	8.4	2.8	620
Q016607		5.05	15.65	0.13	1.1	0.310	2.92	29.4	25.5	0.79	1890	15.75	0.15	6.5	14.9	540
Q016608		3.05	17.35	0.12	1.2	0.051	2.38	27.3	33.8	0.28	1190	1.65	0.07	8.2	3.2	640
Q016609		3.39	15.40	0.12	1.0	0.073	2.72	22.5	34.9	0.63	1460	1.86	0.03	6.8	2.7	540

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093788

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016574		16.4	91.9	<0.002	0.01	1.43	11.1	1	1.6	409	0.65	<0.05	12.5	0.297	0.94	3.3
Q016575		25.3	110.5	<0.002	0.12	2.36	11.2	1	1.7	372	0.68	<0.05	13.2	0.294	1.21	4.0
Q016576		19.5	93.8	<0.002	0.01	1.25	11.1	1	1.6	411	0.93	<0.05	12.6	0.284	0.92	3.4
Q016577		21.3	91.7	<0.002	0.01	1.30	12.1	1	1.8	411	0.70	<0.05	12.7	0.289	0.92	3.4
Q016578		16.0	81.8	<0.002	0.06	26.1	12.1	1	1.8	96.3	0.69	<0.05	13.5	0.308	0.99	3.1
Q016579		64.7	85.0	<0.002	0.31	99.3	11.2	1	1.5	84.0	0.54	<0.05	10.4	0.261	1.39	7.9
Q016580		1.4	1.3	<0.002	0.01	0.29	0.4	<1	<0.2	42.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q016581		16.1	92.1	<0.002	0.01	4.99	11.1	1	1.7	322	0.65	<0.05	11.5	0.290	0.93	3.5
Q016582		17.6	93.0	<0.002	0.01	2.01	11.0	1	1.6	394	0.66	<0.05	11.8	0.291	0.95	3.0
Q016583		17.9	92.0	<0.002	0.02	7.64	10.6	1	1.5	380	0.68	<0.05	11.0	0.284	1.04	2.8
Q016584		17.8	108.0	<0.002	0.06	22.4	12.2	1	1.8	121.0	0.73	<0.05	12.1	0.292	1.24	4.9
Q016585		16.0	88.3	<0.002	0.01	3.18	11.5	1	1.7	407	0.60	<0.05	11.9	0.303	0.96	2.4
Q016586		20.6	104.5	<0.002	0.07	7.76	10.9	1	1.6	302	0.58	<0.05	10.9	0.288	1.31	3.3
Q016587		20.1	105.5	<0.002	0.07	8.07	11.0	1	1.6	311	0.60	<0.05	9.9	0.293	1.30	3.0
Q016588		21.5	94.1	<0.002	0.02	6.67	10.5	1	1.6	325	0.73	<0.05	10.6	0.280	1.10	2.6
Q016589		15.9	83.9	<0.002	0.05	5.92	9.2	1	1.5	285	0.55	<0.05	8.3	0.266	1.28	2.3
Q016590		22.4	96.7	<0.002	0.04	9.70	10.6	1	1.6	225	0.62	<0.05	10.2	0.289	1.38	2.1
Q016591		14.3	101.5	<0.002	0.08	10.75	10.3	1	1.5	214	0.58	<0.05	9.5	0.272	1.70	2.3
Q016592		1310	166.0	<0.002	4.77	64.8	9.0	2	7.8	94.4	0.50	1.26	11.9	0.214	2.34	4.8
Q016593		529	154.0	<0.002	2.50	28.9	10.4	1	3.2	77.4	0.52	<0.05	11.1	0.255	2.47	4.7
Q016594		17.2	127.0	<0.002	0.05	20.6	13.3	1	1.9	110.5	0.65	<0.05	14.1	0.317	1.41	4.5
Q016595		44.5	90.2	<0.002	0.21	16.05	11.0	1	1.7	145.5	0.59	<0.05	11.7	0.288	1.93	4.7
Q016596		1340	179.0	<0.002	2.81	37.5	10.2	1	4.7	65.6	0.50	<0.05	11.6	0.255	2.47	4.6
Q016597		2.0	2.0	<0.002	<0.01	0.08	0.3	1	<0.2	38.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q016598		26.8	115.0	<0.002	0.06	9.98	11.5	1	1.8	236	0.60	<0.05	11.7	0.294	1.55	2.5
Q016599		408	169.5	<0.002	0.08	27.3	12.6	1	3.6	44.5	0.61	<0.05	12.5	0.276	1.91	6.6
Q016600		16.3	93.7	<0.002	0.03	2.07	11.0	1	1.5	357	0.64	<0.05	12.0	0.282	0.89	1.6
Q016601		14.0	89.9	<0.002	0.03	27.3	12.0	1	2.1	73.3	0.67	<0.05	13.1	0.309	0.83	2.1
Q016602		26.6	75.4	<0.002	0.20	33.4	10.5	1	1.6	65.6	0.61	<0.05	12.1	0.264	1.34	4.7
Q016603		668	127.0	<0.002	2.49	55.4	7.5	1	2.4	37.2	0.40	0.06	8.6	0.166	1.53	4.1
Q016604		18.8	82.9	<0.002	0.01	7.68	11.0	1	1.5	231	0.67	<0.05	11.1	0.283	1.01	1.8
Q016605		16.2	102.5	<0.002	0.01	6.28	11.0	1	1.4	283	0.63	<0.05	13.7	0.282	1.01	3.4
Q016606		16.8	101.5	<0.002	<0.01	1.94	11.7	1	1.6	370	0.67	<0.05	14.9	0.280	0.94	2.6
Q016607		483	167.0	0.004	2.76	29.0	9.6	1	5.6	108.5	0.53	0.35	12.6	0.220	2.48	5.3
Q016608		45.7	104.0	<0.002	0.06	23.2	11.6	1	1.6	61.3	0.66	<0.05	15.8	0.287	1.19	3.2
Q016609		32.6	159.5	<0.002	0.16	41.6	10.4	1	2.2	45.0	0.56	0.05	12.7	0.234	1.61	2.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093788

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016574		83	2.4	16.9	62	28.9
Q016575		81	2.0	17.1	68	30.9
Q016576		78	1.6	17.0	66	28.6
Q016577		80	1.6	17.8	69	31.2
Q016578		84	7.9	16.4	230	30.0
Q016579		82	5.9	14.6	527	26.2
Q016580		2	0.1	0.7	15	0.6
Q016581		82	2.1	15.7	64	30.6
Q016582		79	1.3	16.3	69	30.0
Q016583		80	0.8	15.7	77	30.0
Q016584		84	5.9	16.9	86	30.5
Q016585		85	1.3	16.3	81	28.8
Q016586		80	1.8	14.5	90	24.5
Q016587		82	1.7	14.8	94	25.5
Q016588		79	2.0	15.7	77	29.5
Q016589		75	1.5	12.8	62	26.1
Q016590		81	2.6	15.1	77	29.6
Q016591		78	1.9	14.0	63	28.0
Q016592		64	5.9	11.5	2440	30.2
Q016593		74	6.6	13.2	2340	25.9
Q016594		88	4.4	17.7	69	32.5
Q016595		79	2.7	14.6	103	27.8
Q016596		71	4.9	11.6	5930	24.6
Q016597		2	0.1	0.7	19	<0.5
Q016598		82	2.2	15.2	89	29.1
Q016599		78	5.2	14.0	1900	31.0
Q016600		79	1.0	16.0	66	33.1
Q016601		84	7.5	16.1	199	35.3
Q016602		76	7.9	13.9	297	31.7
Q016603		50	5.2	13.7	3440	20.9
Q016604		81	2.8	16.9	236	32.7
Q016605		78	1.0	17.2	71	33.8
Q016606		76	0.4	17.2	71	36.0
Q016607		67	5.6	12.5	907	33.1
Q016608		76	6.0	16.1	666	34.8
Q016609		73	2.5	14.0	558	28.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093788

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

LOG-22	LOG-22d	LOG-23	PUL-31d
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

CERTIFICATE WH14093789

Project: KLAZA

P.O. No.: Batch 11

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093789

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q016539		6.36	<0.005	0.17	7.65	7.7	2210	1.46	0.27	2.65	1.86	46.7	8.2	10	15.90	7.0
Q016540		2.74	<0.005	0.11	7.65	34.6	1970	1.48	0.44	2.49	0.09	50.0	9.3	9	14.85	6.2
Q016541		4.04	<0.005	0.20	7.37	37.9	1600	1.53	0.20	3.97	1.35	50.3	7.7	8	15.35	11.1
Q016542		8.01	<0.005	0.06	7.81	5.2	2210	1.61	0.18	2.83	0.10	50.0	7.9	11	12.05	6.5
Q016543		0.23	0.892	12.05	6.92	1570	1270	1.38	12.65	1.93	36.2	50.0	18.5	20	13.95	294
Q016544		1.64	0.058	5.84	6.28	1220	800	1.38	1.15	3.24	56.7	45.1	8.2	7	13.85	55.6
Q016545		2.77	<0.005	0.16	7.69	15.5	2040	1.48	0.17	2.42	0.86	51.8	7.3	9	24.7	8.2
Q016546		5.10	<0.005	0.07	7.07	2.8	2010	1.45	0.14	2.77	0.12	43.2	7.4	12	12.25	7.7
Q016547		4.07	<0.005	0.07	7.19	12.7	1900	1.39	0.15	4.08	0.20	58.3	7.8	10	18.20	4.9
Q016548		3.19	0.017	2.51	7.34	1135	1430	1.25	0.25	2.03	11.05	46.6	8.3	9	15.75	36.5
Q016549		1.34	<0.005	0.01	0.07	<0.2	20	0.07	0.03	20.1	0.06	1.31	0.8	1	0.35	2.1
Q016550		3.29	<0.005	0.07	7.76	6.2	2130	1.19	0.20	2.37	0.09	49.4	7.2	10	17.15	8.1
Q016551		9.90	<0.005	0.06	7.73	3.1	2440	1.47	0.19	2.79	0.09	51.3	8.0	12	9.01	6.0
Q016552		5.29	<0.005	0.06	7.96	3.1	2490	1.52	0.18	2.93	0.08	52.7	8.5	12	9.59	6.9
Q016553		4.82	<0.005	0.07	7.76	4.5	2340	1.41	0.17	2.87	0.06	48.8	8.1	11	10.65	6.2
Q016554		8.34	<0.005	0.15	7.65	3.7	2180	1.66	0.33	2.68	0.12	46.4	7.7	13	12.20	8.8
Q016555		4.55	<0.005	0.21	6.94	8.2	1920	1.47	0.57	3.87	0.09	39.5	6.7	8	15.05	3.3
Q016556		6.51	<0.005	0.09	7.35	3.2	2120	1.54	0.24	2.86	0.09	44.0	7.3	12	9.51	4.4
Q016557		3.32	<0.005	3.25	7.28	10.8	1940	1.54	0.36	2.85	31.2	42.4	7.3	13	13.10	11.3
Q016558		9.41	<0.005	0.08	7.48	4.3	2230	1.66	0.15	2.80	0.11	44.1	7.6	11	11.90	5.7
Q016559		0.19	0.382	4.29	6.88	614	1230	1.48	3.26	2.06	10.90	49.6	11.7	25	12.95	309
Q016560		2.95	0.011	1.77	7.46	592	1720	1.52	0.30	1.65	10.35	51.4	7.3	9	19.95	26.3
Q016561		3.49	<0.005	0.10	7.58	4.0	2240	1.60	0.16	2.80	0.14	44.1	7.6	12	9.24	5.8
Q016562		3.62	<0.005	0.22	7.37	8.6	2030	1.80	0.23	2.83	2.07	43.7	7.2	12	19.30	9.3
Q016563		4.49	<0.005	0.11	7.91	8.2	1920	1.45	0.18	1.68	0.22	47.6	7.7	10	32.8	10.4
Q016564		3.91	<0.005	0.19	7.04	28.9	2300	1.30	0.18	2.40	0.81	39.4	7.5	10	15.10	7.0
Q016565		3.34	<0.005	0.09	7.43	5.4	2130	1.58	0.20	2.44	0.09	47.2	6.8	10	13.30	8.9
Q016566		3.66	0.005	0.16	7.34	79.4	1070	1.47	0.19	2.04	0.16	41.8	8.9	8	17.30	6.3
Q016567		1.15	<0.005	0.01	0.08	<0.2	20	0.06	0.03	20.6	0.05	1.02	0.6	1	0.46	1.5
Q016568		3.65	<0.005	0.08	7.41	6.5	2020	1.51	0.12	2.45	0.12	38.4	7.4	10	16.30	6.6
Q016569		7.50	<0.005	0.13	7.32	19.8	2200	1.64	0.22	2.84	0.20	37.4	7.5	11	10.55	6.6
Q016570		2.43	0.016	1.09	7.45	54.3	1760	1.52	0.44	1.99	14.05	43.0	6.9	11	14.10	39.9
Q016571		<0.02	0.027	1.14	7.49	59.3	1800	1.45	0.39	2.00	15.40	44.2	7.1	10	14.25	44.5
Q016572		4.05	<0.005	0.13	7.92	5.7	2010	1.65	0.16	2.09	0.30	106.0	7.1	10	14.50	23.9
Q016573		5.41	0.006	0.34	7.34	63.0	1200	1.59	0.15	1.80	1.46	89.8	7.2	9	18.05	4.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093789

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016539		3.22	17.05	0.17	1.2	0.068	2.92	22.3	14.9	0.81	805	0.75	1.69	8.2	2.8	670
Q016540		3.18	16.80	0.15	1.2	0.038	3.20	24.2	20.0	0.68	906	0.70	1.37	7.8	2.5	630
Q016541		3.31	16.05	0.15	1.1	0.040	2.93	25.7	44.5	1.25	1770	0.60	0.24	7.3	2.5	590
Q016542		3.14	16.85	0.16	1.2	0.041	2.79	24.4	19.9	0.85	763	0.93	2.18	8.0	2.5	650
Q016543		6.81	16.80	0.14	1.1	0.855	3.04	25.3	22.2	0.81	1860	9.43	0.13	6.6	11.9	570
Q016544		5.65	14.25	0.14	0.9	0.625	2.91	24.2	12.8	1.27	3720	21.7	0.06	5.8	2.7	490
Q016545		3.20	16.95	0.14	1.1	0.071	2.85	25.4	27.4	0.76	829	1.01	1.43	8.0	2.4	650
Q016546		2.96	15.15	0.14	1.2	0.038	2.49	20.8	13.7	0.83	648	0.80	2.10	7.4	2.6	610
Q016547		3.05	15.45	0.18	0.9	0.038	2.41	31.6	33.1	0.92	717	0.54	0.99	7.1	2.4	580
Q016548		5.00	16.00	0.14	1.0	0.163	2.65	24.0	33.7	0.75	2080	1.51	0.11	6.9	2.6	600
Q016549		0.48	0.24	0.07	<0.1	<0.005	0.04	0.6	1.2	12.35	224	0.09	0.01	0.1	1.6	180
Q016550		3.02	17.05	0.21	1.2	0.047	2.54	21.1	28.1	0.53	664	0.74	0.80	8.2	2.5	680
Q016551		3.14	15.60	0.15	1.1	0.039	2.67	27.7	17.5	0.92	683	0.81	2.28	7.4	2.8	630
Q016552		3.32	16.45	0.12	1.1	0.040	2.73	27.8	19.5	0.97	713	1.66	2.35	7.8	2.9	670
Q016553		3.16	17.25	0.16	1.1	0.040	2.74	23.6	17.3	0.85	722	2.05	2.29	8.0	2.7	640
Q016554		3.19	16.55	0.17	1.2	0.046	2.61	23.7	18.8	0.81	767	0.73	2.01	7.7	2.9	660
Q016555		2.68	15.65	0.18	1.1	0.051	2.44	19.9	30.0	1.02	1790	0.75	0.18	6.8	2.2	590
Q016556		3.04	15.50	0.17	1.2	0.037	2.59	22.1	11.8	0.83	805	0.67	1.91	7.3	2.6	610
Q016557		3.27	15.40	0.18	1.2	0.856	2.80	21.3	14.4	0.80	1040	0.81	1.59	6.9	3.2	600
Q016558		3.04	16.25	0.19	1.2	0.042	2.61	22.1	15.1	0.80	698	1.09	2.28	7.5	2.6	620
Q016559		5.09	15.30	0.18	1.0	0.311	2.99	28.7	26.0	0.79	1900	13.65	0.15	5.9	14.3	540
Q016560		3.70	16.15	0.20	1.2	0.201	2.79	28.4	30.7	0.64	1600	2.06	0.37	7.2	2.6	620
Q016561		3.08	16.10	0.17	1.3	0.045	2.55	22.1	17.7	0.86	729	0.82	2.32	7.6	2.7	620
Q016562		3.12	16.65	0.17	1.2	0.104	2.74	21.8	16.0	0.75	865	0.90	1.86	7.7	2.7	630
Q016563		3.24	17.35	0.17	1.3	0.051	2.78	24.6	27.7	0.61	1040	1.46	0.76	8.0	2.8	690
Q016564		2.99	15.95	0.17	1.1	0.063	2.57	19.0	30.5	0.63	894	0.82	0.40	7.4	2.6	620
Q016565		2.96	16.50	0.19	1.3	0.045	2.72	23.8	14.1	0.73	714	0.90	1.78	8.0	2.7	630
Q016566		2.93	16.40	0.19	1.2	0.049	2.20	21.6	45.8	0.74	1350	12.00	0.07	7.5	2.8	580
Q016567		0.48	0.25	0.10	<0.1	0.007	0.03	0.5	1.3	12.80	208	0.10	0.01	0.1	1.6	190
Q016568		2.99	16.65	0.17	1.3	0.040	2.68	18.0	24.2	0.69	790	0.78	1.38	7.7	2.7	640
Q016569		3.02	16.35	0.17	1.2	0.041	2.59	18.1	15.7	0.82	731	0.74	2.05	7.6	2.7	630
Q016570		3.48	16.90	0.19	1.2	1.015	2.78	22.0	21.8	0.62	1380	0.53	0.73	7.2	2.4	610
Q016571		3.54	17.35	0.16	1.2	1.130	2.79	21.9	22.3	0.62	1360	0.52	0.74	7.3	2.4	630
Q016572		3.06	17.35	0.21	1.5	0.044	2.97	59.9	23.9	0.61	918	0.97	1.01	8.2	3.3	600
Q016573		3.39	15.55	0.19	1.2	0.081	3.00	52.5	26.7	0.68	1620	2.98	0.54	7.2	2.6	550

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093789

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016539		37.7	119.0	0.002	0.05	4.44	11.8	<1	1.9	314	0.66	<0.05	12.9	0.296	1.43	3.5
Q016540		13.6	145.0	0.002	0.09	9.01	10.8	<1	1.6	177.5	0.61	<0.05	13.4	0.276	1.86	4.0
Q016541		89.6	140.0	0.003	0.20	14.10	10.8	<1	1.9	113.0	0.60	<0.05	13.3	0.262	2.06	8.7
Q016542		17.1	107.5	0.002	0.02	2.76	11.5	1	1.7	369	0.66	<0.05	13.8	0.298	1.12	3.7
Q016543		1400	178.0	0.004	5.02	74.5	10.0	2	8.7	102.0	0.51	1.18	13.0	0.222	2.83	6.1
Q016544		1690	181.5	0.003	2.70	55.7	9.6	1	5.8	56.8	0.48	<0.05	12.2	0.215	2.66	12.2
Q016545		50.0	123.5	0.003	0.17	7.21	11.4	<1	2.5	274	0.64	<0.05	13.9	0.287	1.50	3.7
Q016546		17.8	99.9	<0.002	0.01	1.93	10.3	1	1.5	378	0.62	<0.05	10.4	0.268	0.97	3.0
Q016547		17.6	107.0	0.002	0.01	6.77	10.2	<1	1.6	297	0.54	<0.05	13.7	0.265	1.11	3.7
Q016548		632	137.0	0.003	1.75	24.0	11.1	<1	5.2	87.1	0.52	<0.05	12.7	0.264	1.77	6.5
Q016549		1.5	2.7	<0.002	<0.01	0.10	0.5	<1	<0.2	41.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.3
Q016550		18.4	94.3	0.003	0.01	9.66	11.2	1	2.2	189.5	0.62	<0.05	12.4	0.303	1.13	3.1
Q016551		17.3	114.0	<0.002	0.01	1.75	11.9	1	1.5	402	0.57	<0.05	12.9	0.289	0.93	3.2
Q016552		17.4	116.5	<0.002	0.01	1.89	12.4	1	1.7	420	0.59	<0.05	13.8	0.305	0.97	3.3
Q016553		17.9	97.9	0.003	0.01	2.84	11.6	<1	1.8	393	0.59	<0.05	12.1	0.296	1.02	2.9
Q016554		18.4	86.4	<0.002	0.01	2.91	10.9	1	2.2	356	0.60	<0.05	10.8	0.299	1.00	2.7
Q016555		12.7	107.5	<0.002	0.19	6.64	9.2	1	2.0	122.0	0.59	<0.05	10.1	0.255	1.47	6.4
Q016556		16.9	91.8	<0.002	0.02	2.32	10.2	1	1.5	334	0.60	<0.05	10.7	0.271	1.01	2.2
Q016557		977	107.0	0.002	0.34	5.71	9.5	1	2.2	286	0.57	<0.05	9.9	0.267	1.51	2.5
Q016558		17.6	89.3	<0.002	0.01	2.22	10.0	1	1.6	384	0.62	<0.05	10.7	0.270	0.97	2.1
Q016559		501	157.5	0.004	2.82	27.8	8.6	1	5.6	106.5	0.49	0.36	10.8	0.209	2.42	4.9
Q016560		610	145.5	<0.002	0.77	19.45	10.7	<1	7.3	97.1	0.56	<0.05	12.2	0.272	1.85	7.2
Q016561		18.4	91.9	<0.002	0.01	1.26	10.4	1	1.6	398	0.64	<0.05	11.0	0.284	1.07	2.7
Q016562		90.0	103.5	<0.002	0.09	2.86	10.1	1	2.0	320	0.63	<0.05	10.2	0.277	1.31	3.0
Q016563		18.1	117.5	<0.002	0.05	13.00	11.2	1	1.9	134.0	0.68	<0.05	11.7	0.302	1.55	3.8
Q016564		40.4	79.4	<0.002	0.13	10.00	10.0	1	1.9	144.0	0.65	<0.05	9.3	0.277	1.59	4.1
Q016565		16.5	104.5	<0.002	0.02	4.57	10.5	1	1.6	302	0.73	<0.05	12.0	0.271	1.13	3.4
Q016566		15.9	93.6	0.002	0.26	20.3	9.9	1	1.6	85.7	0.67	<0.05	10.3	0.253	2.06	8.6
Q016567		1.4	2.0	<0.002	<0.01	0.11	0.2	<1	<0.2	44.1	<0.05	<0.05	<0.2	<0.005	0.02	0.4
Q016568		15.1	95.8	<0.002	0.05	5.94	9.8	1	1.6	252	0.72	<0.05	9.9	0.269	1.34	3.9
Q016569		19.9	88.2	<0.002	0.03	2.55	9.6	1	1.6	370	0.70	<0.05	9.9	0.279	0.99	3.1
Q016570		211	120.5	<0.002	0.45	12.10	10.6	<1	2.5	128.5	0.60	<0.05	10.6	0.272	1.52	3.8
Q016571		210	119.0	<0.002	0.50	12.05	10.6	1	2.5	130.0	0.59	<0.05	10.5	0.273	1.51	3.3
Q016572		33.4	118.0	<0.002	0.03	11.65	9.8	1	3.7	204	0.83	<0.05	25.1	0.266	1.31	3.6
Q016573		70.5	149.5	<0.002	0.26	28.5	10.0	1	1.6	123.0	0.68	<0.05	19.0	0.249	1.93	7.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093789

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016539		84	1.7	15.0	183	26.8
Q016540		77	1.6	12.2	75	26.8
Q016541		74	2.0	13.4	174	26.9
Q016542		81	1.2	15.1	57	26.8
Q016543		67	6.4	11.7	2520	28.9
Q016544		66	5.6	12.8	5930	20.2
Q016545		80	2.2	14.7	111	24.8
Q016546		75	1.2	15.3	55	28.1
Q016547		70	2.3	17.1	64	23.0
Q016548		74	4.5	13.9	1120	22.5
Q016549		3	0.1	0.9	13	<0.5
Q016550		85	2.7	14.9	55	27.8
Q016551		79	1.2	18.2	55	27.4
Q016552		83	1.1	19.0	57	28.3
Q016553		81	0.8	14.9	55	27.5
Q016554		82	2.2	15.0	70	26.1
Q016555		72	2.6	11.9	83	26.8
Q016556		75	1.3	13.9	61	25.2
Q016557		73	1.9	13.5	2440	24.9
Q016558		77	1.5	14.0	61	26.9
Q016559		67	5.5	11.0	906	28.7
Q016560		80	4.5	14.2	1220	27.3
Q016561		79	1.2	15.4	62	28.4
Q016562		76	1.8	13.7	208	26.9
Q016563		86	3.0	15.8	79	27.8
Q016564		79	3.9	13.4	122	24.7
Q016565		76	2.1	14.1	55	26.2
Q016566		77	4.7	13.1	72	26.1
Q016567		2	0.1	0.6	15	<0.5
Q016568		76	2.9	13.8	58	27.6
Q016569		76	2.4	14.0	70	26.1
Q016570		80	3.6	14.6	1240	25.9
Q016571		82	3.7	14.5	1450	27.4
Q016572		74	2.7	16.6	74	30.7
Q016573		72	2.7	13.5	213	24.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14093789

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

CERTIFICATE WH14095623

Project: KLAZA

P.O. No.: BATCH 14

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

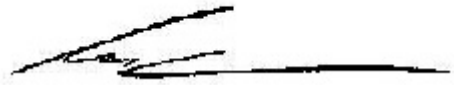
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14095623

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016323		3.09	0.073	2.52	7.29	145.0	1410	1.26	0.19	2.35	18.45	44.4	8.5	10	16.45	56.3
Q016324		4.31	0.009	0.28	7.00	82.4	1890	1.60	0.24	2.69	0.50	44.4	8.2	10	21.2	13.5
Q016325		4.93	<0.005	0.08	6.99	24.9	1670	1.43	0.14	1.88	0.10	43.4	7.6	9	20.7	7.0
Q016326		4.43	0.005	0.13	6.65	40.6	1900	1.31	0.19	1.55	0.21	33.3	7.4	9	13.35	5.4
Q016327		0.23	0.398	4.54	6.44	688	780	1.34	3.49	1.95	10.90	47.5	11.9	24	13.05	301
Q016328		4.11	<0.005	0.07	6.41	6.8	2080	1.51	0.15	2.99	0.09	40.7	8.8	10	14.75	5.5
Q016329		4.06	<0.005	0.10	7.14	16.6	1960	1.24	0.12	2.16	0.12	43.7	7.7	9	14.90	8.9
Q016330		5.07	0.014	0.95	6.90	51.7	1690	1.34	0.12	2.48	0.49	43.7	7.9	10	19.90	65.6
Q016331		2.68	0.021	1.19	7.17	64.4	1710	1.39	0.12	2.64	0.51	44.1	8.2	9	20.7	100.0
Q016332		3.19	<0.005	0.30	6.84	14.1	2110	1.57	0.15	2.85	0.27	44.4	9.2	12	17.35	36.9
Q016333		1.39	0.018	3.06	6.96	46.6	2370	1.36	0.26	3.14	0.65	42.7	8.4	9	14.80	20.9
Q016334		3.11	<0.005	0.08	7.47	8.1	2210	1.54	0.09	2.88	0.08	46.0	8.8	13	12.80	7.3
Q016335		3.18	<0.005	2.52	6.99	66.0	1930	1.52	0.19	3.05	0.68	42.4	10.3	20	20.6	308
Q016336		4.01	0.008	0.30	7.52	45.7	1890	1.50	0.14	1.97	0.30	41.9	7.7	10	20.7	15.0
Q016337		6.66	<0.005	0.22	7.16	6.6	1960	1.45	0.13	2.88	0.11	45.1	8.3	10	22.9	34.4
Q016338		2.76	0.022	1.15	7.23	109.0	1730	1.77	0.14	2.81	1.06	47.2	9.2	9	19.75	99.7
Q016339		2.96	<0.005	0.10	7.27	23.7	1570	2.08	0.17	2.91	0.18	60.5	7.0	17	27.0	10.5
Q016340		<0.02	<0.005	0.09	6.91	25.0	1570	2.20	0.17	2.90	0.20	55.4	7.3	17	25.5	11.5
Q016341		2.77	<0.005	0.07	7.08	7.5	2060	1.58	0.13	2.67	0.09	40.1	8.1	11	11.90	6.1
Q016342		3.71	<0.005	0.06	7.52	4.2	2200	1.56	0.11	2.87	0.06	47.7	8.9	13	7.79	5.4
Q016343		4.40	<0.005	0.11	6.95	11.8	2240	1.65	0.13	2.98	0.17	42.2	9.4	11	25.5	11.1
Q016344		1.55	0.355	48.2	6.02	2060	770	1.42	0.24	4.25	7.64	49.3	8.4	7	17.00	393
Q016345		4.43	<0.005	0.07	0.06	3.8	50	0.05	0.02	20.1	0.06	1.14	0.8	<1	0.20	1.8
Q016346		8.12	0.369	15.80	6.86	1495	1440	1.25	0.47	1.98	14.20	46.3	8.5	9	23.6	53.3
Q016347		4.24	0.087	3.68	6.77	990	1010	1.54	0.10	2.21	22.6	46.9	7.6	9	23.3	17.1
Q016348		0.97	0.142	3.46	6.64	1165	660	1.35	0.11	3.45	2.72	45.3	8.4	8	17.90	23.3
Q016349		4.94	<0.005	0.02	0.08	3.4	20	0.05	0.02	19.80	0.08	1.13	0.8	1	0.18	2.0
Q016350		4.72	0.054	1.70	6.97	508	1470	1.49	0.14	3.07	1.38	44.2	8.1	10	26.8	25.0
Q016351		1.72	<0.005	0.09	7.09	31.2	1690	2.08	0.25	2.23	0.33	61.9	5.1	14	32.2	6.0
Q016352		6.42	<0.005	0.17	6.61	38.2	1690	1.67	0.14	2.81	0.18	39.2	7.1	11	25.9	15.7
Q016353		3.76	0.013	0.41	7.18	56.1	1060	1.71	0.13	3.18	0.16	49.8	8.7	10	23.7	21.0
Q016354		0.23	0.376	4.80	6.70	706	770	1.37	3.67	1.99	11.70	51.8	12.8	25	13.90	309
Q016355		4.00	0.008	0.36	7.12	47.0	830	1.44	0.14	2.91	0.18	48.9	9.0	11	21.5	34.5
Q016356		2.83	<0.005	0.15	7.19	26.7	1550	1.44	0.14	2.95	0.11	50.9	8.7	10	23.4	6.3
Q016357		4.11	<0.005	0.10	6.17	17.5	1240	1.47	0.10	2.70	0.09	33.7	7.7	10	22.8	7.2
Q016358		1.41	0.005	0.50	6.94	36.4	1070	1.49	0.32	2.92	0.55	51.8	17.1	9	16.60	47.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14095623

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016323		3.35	15.80	0.12	1.4	0.105	2.97	22.1	68.3	0.75	7130	1.11	0.15	8.3	3.7	660
Q016324		2.95	15.45	0.12	1.4	0.040	2.58	22.5	40.3	0.74	1160	0.93	1.55	7.7	2.9	600
Q016325		2.86	15.85	0.12	1.4	0.054	2.61	21.8	81.3	0.63	1030	1.71	0.21	8.4	2.5	620
Q016326		3.02	15.95	0.11	1.4	0.055	2.71	15.8	33.1	0.54	1000	1.10	0.32	8.2	2.5	610
Q016327		4.77	14.40	0.13	1.1	0.310	2.88	28.0	26.8	0.74	1780	15.00	0.14	5.9	14.4	500
Q016328		3.06	15.05	0.15	1.1	0.043	2.32	20.0	15.8	0.82	918	1.80	1.51	7.3	2.9	590
Q016329		2.97	15.90	0.12	1.1	0.046	2.65	21.8	31.9	0.57	1120	1.05	0.18	7.5	2.6	650
Q016330		3.28	15.60	0.13	1.0	0.059	2.81	22.6	55.6	0.82	2270	0.84	0.23	7.2	2.5	610
Q016331		3.37	15.80	0.13	1.0	0.056	2.91	22.9	47.0	0.87	2500	1.59	0.19	7.4	2.8	640
Q016332		3.21	15.95	0.11	1.0	0.054	2.60	21.9	18.7	0.85	1290	0.65	1.74	7.7	3.1	640
Q016333		3.87	15.10	0.13	0.9	0.085	2.82	22.8	23.0	0.93	10750	1.27	1.28	6.8	2.5	590
Q016334		3.16	16.55	0.11	1.0	0.036	2.67	23.6	17.4	0.85	829	3.57	2.05	7.9	2.9	640
Q016335		3.53	15.65	0.13	1.0	0.094	2.93	21.1	37.3	0.94	2080	2.75	0.77	7.6	5.9	640
Q016336		3.15	16.70	0.10	1.1	0.057	3.08	21.1	34.1	0.64	2050	1.21	0.45	8.0	2.7	660
Q016337		3.22	15.70	0.13	1.0	0.049	2.62	23.0	18.3	0.76	1160	0.79	1.62	7.6	3.1	630
Q016338		3.13	15.40	0.10	1.2	0.093	3.23	25.6	73.4	0.94	3320	1.38	0.11	7.3	3.4	620
Q016339		2.58	17.85	0.12	3.3	0.036	2.65	32.2	72.5	1.04	871	0.82	0.07	10.0	6.1	1120
Q016340		2.59	18.10	0.11	3.4	0.031	2.64	27.9	75.9	1.00	864	0.72	0.07	10.1	6.4	1130
Q016341		2.89	16.10	0.12	1.2	0.035	2.80	19.5	17.5	0.77	759	0.94	2.06	7.7	2.7	600
Q016342		3.19	16.40	0.11	1.1	0.041	2.50	24.2	17.9	0.94	766	0.86	2.19	8.0	3.0	650
Q016343		3.33	16.45	0.08	1.1	0.047	2.93	20.6	15.8	0.80	1370	1.44	1.50	8.4	3.2	630
Q016344		3.93	13.00	0.11	0.8	0.152	2.71	27.4	31.5	1.16	18850	1.14	0.05	5.9	2.7	490
Q016345		0.46	0.34	0.08	<0.1	<0.005	0.03	0.6	0.9	12.25	224	0.10	0.01	0.2	1.4	190
Q016346		4.67	15.00	0.15	1.0	0.321	2.58	24.7	33.5	0.71	5310	1.31	0.04	6.9	2.8	570
Q016347		3.23	15.65	0.10	1.1	0.070	2.64	24.0	59.6	0.74	5130	0.88	0.03	7.3	2.8	600
Q016348		3.38	14.40	0.14	1.0	0.071	2.79	24.9	50.2	0.83	5580	0.84	0.03	7.0	3.0	580
Q016349		0.46	0.34	0.08	<0.1	<0.005	0.03	0.6	1.0	12.25	210	0.37	0.01	0.1	1.4	190
Q016350		3.32	15.35	0.09	1.2	0.065	2.72	22.7	75.9	0.96	2380	1.03	0.21	7.6	2.8	620
Q016351		2.30	17.55	0.11	2.3	0.026	2.15	31.9	164.0	0.79	811	0.92	0.05	11.0	3.0	890
Q016352		2.78	16.45	0.13	1.4	0.032	2.77	19.0	34.0	0.75	1030	1.12	0.75	8.6	2.7	670
Q016353		3.24	15.25	0.11	1.0	0.056	2.97	27.3	41.6	1.12	2010	1.18	0.04	7.2	2.9	600
Q016354		4.92	15.35	0.14	1.1	0.300	3.01	30.2	27.9	0.76	1840	13.60	0.15	6.3	15.1	530
Q016355		3.11	14.95	0.12	1.0	0.063	2.71	26.7	35.8	1.11	1480	0.95	0.04	7.0	2.7	590
Q016356		3.15	15.70	0.11	1.1	0.040	2.89	27.7	50.1	1.06	1110	0.72	0.08	7.5	2.8	630
Q016357		2.91	16.15	0.13	1.1	0.039	2.68	15.9	54.5	0.77	898	0.71	0.25	7.8	2.7	620
Q016358		3.57	14.90	0.13	1.0	0.081	2.85	29.1	42.0	1.16	1900	0.65	0.03	6.9	3.4	590

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14095623

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016323		261	130.0	<0.002	0.60	141.0	11.4	1	1.9	114.5	0.77	<0.05	11.3	0.276	1.87	5.3
Q016324		44.6	105.0	<0.002	0.12	10.15	11.0	1	1.6	305	0.68	<0.05	11.9	0.261	1.25	5.1
Q016325		15.8	99.9	<0.002	0.15	11.80	11.4	1	1.6	105.0	0.81	<0.05	11.1	0.271	1.55	5.3
Q016326		29.9	100.5	<0.002	0.12	13.15	11.3	1	1.7	112.5	0.77	<0.05	9.6	0.264	1.41	3.4
Q016327		463	159.0	0.003	2.61	26.3	9.1	1	5.1	106.0	0.46	0.32	10.7	0.199	2.30	4.8
Q016328		16.2	88.8	<0.002	0.03	4.81	11.7	1	1.5	293	0.56	<0.05	9.5	0.265	1.06	2.8
Q016329		21.2	103.0	<0.002	0.04	11.65	11.1	1	1.7	121.0	0.58	<0.05	10.5	0.279	1.34	3.0
Q016330		51.8	122.0	<0.002	0.28	26.5	11.1	1	1.6	123.5	0.52	<0.05	9.8	0.267	1.76	3.9
Q016331		51.0	132.5	<0.002	0.29	28.2	11.9	1	1.9	120.5	0.55	<0.05	9.9	0.277	1.81	4.5
Q016332		29.3	101.5	<0.002	0.09	5.47	12.5	1	1.7	347	0.56	<0.05	9.7	0.280	1.28	3.2
Q016333		583	124.0	<0.002	0.42	172.5	10.6	1	1.5	291	0.51	<0.05	9.2	0.259	1.46	3.4
Q016334		16.7	100.0	<0.002	0.02	2.75	12.3	1	1.5	390	0.59	<0.05	10.8	0.284	1.07	3.2
Q016335		40.6	132.5	<0.002	0.39	56.8	12.1	1	2.1	197.0	0.58	<0.05	9.8	0.283	1.93	4.6
Q016336		22.0	143.0	<0.002	0.31	11.75	12.0	1	1.8	134.5	0.60	<0.05	10.8	0.281	1.82	3.1
Q016337		19.7	111.5	<0.002	0.07	3.37	11.8	1	1.6	355	0.57	<0.05	11.2	0.281	1.24	3.3
Q016338		40.8	194.0	<0.002	0.49	32.1	10.9	1	1.8	164.5	0.59	<0.05	11.5	0.254	2.29	3.7
Q016339		16.1	103.0	<0.002	0.07	14.85	7.3	1	1.3	320	0.69	<0.05	8.9	0.305	1.68	3.9
Q016340		16.4	82.9	<0.002	0.06	15.20	7.2	1	1.3	317	0.71	<0.05	8.3	0.310	1.66	3.9
Q016341		16.4	97.4	<0.002	0.03	1.97	10.7	1	1.5	373	0.64	<0.05	11.3	0.260	1.06	3.9
Q016342		13.9	94.9	<0.002	0.01	1.01	12.6	1	1.5	414	0.62	<0.05	11.7	0.284	0.93	4.1
Q016343		19.0	125.0	<0.002	0.10	4.50	13.9	1	1.8	331	0.65	<0.05	10.4	0.296	1.53	3.0
Q016344		1745	171.5	<0.002	1.83	245	9.7	1	1.7	148.0	0.47	<0.05	9.8	0.210	2.19	5.2
Q016345		3.8	1.3	<0.002	0.01	0.46	0.3	<1	0.2	47.7	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q016346		963	132.0	<0.002	1.81	47.8	10.9	1	2.9	109.5	0.56	<0.05	10.5	0.251	1.95	7.1
Q016347		722	114.5	<0.002	0.58	22.9	10.6	1	2.2	148.5	0.58	<0.05	11.9	0.255	2.37	6.3
Q016348		109.0	179.0	<0.002	1.37	35.6	11.2	1	2.0	114.5	0.58	<0.05	11.1	0.245	2.29	8.7
Q016349		2.6	1.2	<0.002	<0.01	0.18	0.3	1	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q016350		63.3	120.5	<0.002	0.38	21.8	11.5	1	1.8	183.5	0.64	<0.05	11.2	0.265	1.83	4.9
Q016351		15.6	84.1	<0.002	0.07	10.40	6.6	1	1.6	233	0.73	<0.05	9.7	0.262	1.86	6.4
Q016352		17.3	90.4	<0.002	0.07	8.43	9.9	1	1.6	267	0.68	<0.05	9.6	0.270	1.76	3.8
Q016353		17.6	182.0	<0.002	0.39	9.60	11.4	1	1.6	139.5	0.56	<0.05	12.1	0.266	2.60	3.0
Q016354		481	167.5	0.003	2.71	28.3	9.6	1	5.5	112.5	0.52	0.29	11.7	0.202	2.43	5.2
Q016355		19.8	148.0	<0.002	0.32	13.85	11.2	1	1.6	149.5	0.54	<0.05	11.5	0.265	2.03	4.8
Q016356		14.0	123.5	<0.002	0.16	7.60	11.9	1	1.5	182.0	0.60	<0.05	12.4	0.270	1.92	5.4
Q016357		12.7	70.2	<0.002	0.10	5.64	10.9	1	1.7	201	0.64	<0.05	8.8	0.277	1.70	3.3
Q016358		46.9	181.0	<0.002	0.76	15.05	11.2	1	1.7	145.0	0.53	<0.05	12.0	0.257	2.32	4.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14095623

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016323		82	4.3	17.8	2140	36.5
Q016324		74	1.6	17.3	91	33.9
Q016325		77	4.7	16.3	61	33.3
Q016326		78	4.8	13.3	76	33.2
Q016327		63	5.0	11.5	878	29.4
Q016328		75	1.5	15.9	67	28.0
Q016329		78	3.8	14.9	63	27.3
Q016330		76	3.4	15.4	105	25.3
Q016331		79	3.4	15.4	116	25.6
Q016332		82	2.7	16.9	87	26.1
Q016333		71	3.2	15.9	118	21.5
Q016334		79	1.4	17.6	58	24.7
Q016335		83	3.0	17.1	114	25.6
Q016336		77	3.7	14.5	78	26.8
Q016337		76	1.6	16.9	63	24.8
Q016338		72	2.4	15.2	135	34.6
Q016339		62	1.3	13.2	83	132.5
Q016340		63	1.3	13.0	84	134.5
Q016341		73	1.0	15.4	53	30.9
Q016342		81	1.2	18.8	57	26.8
Q016343		86	2.1	17.8	85	27.1
Q016344		59	2.9	20.1	644	19.9
Q016345		2	0.1	0.8	16	<0.5
Q016346		69	3.7	14.9	1420	22.7
Q016347		71	4.7	14.1	1590	26.9
Q016348		75	3.7	20.3	294	25.0
Q016349		2	0.1	0.8	17	<0.5
Q016350		76	2.5	17.5	215	27.8
Q016351		54	1.7	13.2	85	78.3
Q016352		71	2.6	14.2	68	41.1
Q016353		74	3.7	16.4	63	26.7
Q016354		64	5.4	12.2	899	32.3
Q016355		75	3.3	15.4	69	22.6
Q016356		76	3.4	18.4	60	26.5
Q016357		78	2.7	13.6	59	27.6
Q016358		71	2.6	16.4	93	24.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14095623

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

CERTIFICATE WH14095624

Project: KLAZA

P.O. No.: BATCH 15

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22d	Sample login - Rcd w/o BarCode dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

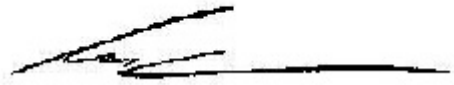
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14095624

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016610		4.83	<0.005	0.18	6.72	205	1160	1.59	0.24	1.70	5.34	36.6	7.5	9	18.80	19.9
Q016611		11.56	<0.005	0.07	7.35	49.3	2120	1.63	0.14	2.04	1.13	44.4	8.5	10	14.55	9.3
Q016612		3.19	<0.005	0.28	6.98	321	1400	1.53	0.36	1.35	11.45	39.6	7.9	11	12.50	64.2
Q016613		6.55	0.006	0.17	7.26	223	3690	1.74	0.39	1.54	8.84	42.9	9.4	10	18.35	34.6
Q016614		5.26	<0.005	<0.01	0.07	1.4	30	0.06	0.02	20.2	0.10	1.19	0.7	1	0.15	1.5
Q016615		4.18	<0.005	0.04	7.25	45.2	1360	1.52	0.15	2.04	6.26	49.3	7.1	10	13.10	12.4
Q016616		7.39	<0.005	0.09	7.36	84.3	1980	1.35	0.16	2.02	3.65	45.9	8.2	11	12.75	11.4
Q016617		7.70	<0.005	0.03	7.37	32.9	2090	1.44	0.12	2.87	1.19	47.2	7.7	10	14.15	6.6
Q016618		3.79	<0.005	0.09	7.15	29.2	1940	1.36	0.15	3.16	2.53	46.1	8.2	10	18.45	7.4
Q016619		0.23	0.359	3.84	6.73	717	830	1.38	3.03	2.02	10.10	50.2	11.5	25	12.25	312
Q016620		4.26	<0.005	0.09	6.15	147.5	860	1.28	0.09	1.76	5.08	42.3	7.1	9	20.5	23.5
Q016621		5.69	<0.005	0.03	7.23	9.2	1900	1.36	0.08	1.92	1.78	49.1	8.0	10	18.50	3.9
Q016622		9.50	<0.005	0.04	7.16	23.0	2010	1.13	0.08	1.53	1.91	34.9	7.5	11	20.4	10.1
Q016623		6.75	<0.005	0.04	7.72	8.8	2070	1.27	0.07	2.05	0.81	44.8	7.8	10	20.5	17.9
Q016624		8.17	<0.005	0.17	7.02	45.1	1930	1.48	0.11	1.65	3.28	37.8	8.1	11	21.8	20.8
Q016625		6.53	0.006	0.08	7.01	65.1	1280	1.63	0.09	2.36	1.94	41.5	7.8	9	22.5	6.6
Q016626		2.88	<0.005	0.07	6.94	37.4	1280	1.45	0.10	2.13	1.35	38.8	8.0	9	21.9	6.8
Q016627		6.00	<0.005	0.06	8.14	49.2	1720	1.23	0.14	0.78	8.34	37.5	8.5	11	22.6	12.0
Q016628		4.95	<0.005	0.08	7.30	35.2	1500	1.22	0.10	1.40	1.33	47.3	7.5	10	25.5	7.4
Q016629		9.91	<0.005	0.05	7.33	9.8	2240	1.39	0.09	2.40	0.48	44.3	7.9	12	15.90	6.0
Q016630		10.74	<0.005	0.06	7.15	9.3	2090	1.46	0.15	2.69	1.92	42.1	8.2	12	11.75	6.5
Q016631		1.59	0.140	1.22	6.41	415	3590	1.30	0.59	3.33	5.49	40.5	6.7	10	18.30	17.3
Q016632		7.40	<0.005	0.08	7.36	6.0	2240	1.47	0.16	2.90	1.99	43.6	8.4	12	10.35	6.2
Q016633		7.88	<0.005	0.11	6.96	23.3	2180	1.40	0.17	2.89	0.27	45.3	6.9	13	16.25	7.8
Q016634		5.98	<0.005	0.11	6.60	43.9	1170	1.48	0.17	2.74	0.14	43.9	7.9	12	22.8	5.0
Q016635		0.23	0.348	4.57	6.45	726	470	1.33	3.34	2.05	11.10	48.3	12.6	25	13.35	322
Q016636		7.80	<0.005	0.17	6.46	9.0	1120	1.47	0.62	2.67	0.15	47.0	7.4	13	20.9	3.9
Q016637		7.51	<0.005	0.05	6.63	3.7	1750	1.46	0.13	3.60	0.20	46.5	8.0	12	17.40	5.0
Q016638		6.91	<0.005	<0.01	0.06	0.2	50	<0.05	0.04	20.6	0.07	1.36	0.8	<1	0.20	1.6
Q016639		10.96	<0.005	0.04	6.53	4.3	2000	1.46	0.09	2.67	0.07	42.7	7.3	13	15.75	6.4
Q016640		3.51	<0.005	0.11	6.23	4.9	1250	1.19	0.52	2.60	0.10	50.4	7.6	13	17.70	2.6
Q016641		12.24	<0.005	0.05	6.71	5.6	1980	1.43	0.13	2.82	0.09	46.0	7.5	14	12.85	6.4
Q016642		12.01	<0.005	0.05	7.08	5.9	2040	1.41	0.11	2.79	0.07	41.9	8.6	12	15.35	7.6
Q016643		<0.02	<0.005	0.06	6.77	5.9	2030	1.52	0.10	2.75	0.08	40.9	8.7	19	15.20	7.7
Q016644		11.19	<0.005	0.13	7.17	3.7	1950	1.41	0.09	3.05	0.07	45.8	7.3	12	19.25	7.8
Q016645		3.39	<0.005	0.13	6.77	10.6	1230	1.70	0.26	2.90	0.12	54.9	12.5	10	21.2	10.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14095624

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016610		3.01	14.95	0.10	1.2	0.043	2.71	17.0	35.8	0.43	1380	1.30	0.05	7.4	2.5	590
Q016611		3.15	15.70	0.11	1.2	0.042	2.59	21.1	25.2	0.59	815	1.31	1.24	7.9	2.7	640
Q016612		3.02	14.85	0.11	1.0	0.061	2.57	18.4	32.5	0.44	1610	1.12	0.10	7.4	2.4	620
Q016613		3.21	16.85	0.09	1.0	0.166	3.10	22.0	20.1	0.66	1500	0.91	0.03	6.6	2.8	550
Q016614		0.46	0.32	0.07	<0.1	0.007	0.03	0.6	0.9	12.35	206	0.22	<0.01	0.1	1.4	190
Q016615		3.04	15.90	0.15	1.1	0.061	3.01	24.3	20.6	0.81	1380	0.37	0.05	7.4	2.5	610
Q016616		3.13	15.35	0.10	1.1	0.048	2.48	21.7	26.5	0.74	947	0.68	1.46	7.6	2.7	640
Q016617		3.06	15.35	0.14	1.1	0.048	2.53	22.8	16.0	0.74	745	1.94	1.83	7.2	2.6	610
Q016618		3.35	15.55	0.14	1.1	0.044	2.67	22.5	49.5	0.87	1120	0.81	0.25	7.4	2.6	630
Q016619		4.99	14.60	0.11	1.0	0.282	3.04	27.2	24.7	0.77	1830	13.25	0.15	5.9	13.6	520
Q016620		2.49	12.50	0.10	0.9	0.035	1.96	21.6	71.5	0.59	1300	1.05	0.07	6.1	2.3	490
Q016621		3.15	15.45	0.12	1.2	0.041	2.33	24.5	42.3	0.78	1080	0.43	0.04	7.5	2.7	600
Q016622		2.95	15.45	0.12	1.3	0.042	2.35	15.8	30.5	0.55	1040	0.82	0.07	8.0	2.5	630
Q016623		3.09	16.05	0.14	1.2	0.042	2.81	21.6	33.5	0.62	798	0.53	0.34	7.9	3.0	630
Q016624		3.23	15.25	0.09	1.2	0.050	2.62	17.2	91.2	0.59	1380	2.10	0.11	8.0	2.7	700
Q016625		3.18	14.90	0.11	1.0	0.045	1.94	19.8	340	0.76	1600	0.61	0.05	7.0	2.7	630
Q016626		3.16	15.00	0.10	1.1	0.039	1.99	18.7	300	0.68	1440	0.41	0.05	7.2	2.8	620
Q016627		3.38	17.60	0.09	1.2	0.049	2.56	17.1	51.5	0.39	1280	0.49	0.08	8.8	2.8	710
Q016628		3.03	15.20	0.14	1.1	0.049	2.30	23.6	116.5	0.55	1410	0.88	0.08	7.5	2.6	640
Q016629		3.04	15.55	0.09	1.1	0.035	2.56	20.7	22.1	0.71	835	0.37	1.65	7.6	2.6	650
Q016630		3.09	15.45	0.11	1.1	0.038	2.71	19.2	23.3	0.85	929	0.38	2.06	7.7	2.5	660
Q016631		3.21	13.35	0.10	1.0	0.110	3.08	19.8	23.8	0.98	5750	1.10	0.60	6.2	2.2	550
Q016632		3.25	15.90	0.15	1.2	0.045	2.74	19.9	10.7	0.89	957	0.42	2.14	8.0	2.8	680
Q016633		2.95	14.65	0.10	1.2	0.039	3.12	22.3	14.1	0.81	1500	0.96	1.18	7.3	2.3	570
Q016634		2.80	15.55	0.13	1.2	0.033	3.04	21.5	21.4	0.77	976	0.78	0.54	7.6	2.6	580
Q016635		4.96	15.75	0.10	1.1	0.308	3.03	24.4	26.1	0.74	1880	13.80	0.15	6.5	14.7	530
Q016636		2.86	16.55	0.10	1.3	0.049	3.14	22.5	42.1	0.73	1060	0.94	0.30	7.9	2.6	600
Q016637		2.93	14.95	0.11	1.2	0.039	2.67	22.5	19.7	0.88	1020	0.76	1.40	7.4	2.4	560
Q016638		0.48	0.34	0.08	<0.1	0.005	0.03	0.6	1.1	12.70	211	0.11	0.01	0.2	1.5	180
Q016639		2.82	16.05	0.12	1.4	0.035	2.68	19.3	14.1	0.70	698	1.13	1.93	8.3	2.5	580
Q016640		2.89	15.40	0.12	1.3	0.088	2.88	26.5	25.8	0.90	1160	1.12	0.18	7.2	2.4	540
Q016641		2.94	15.80	0.12	1.3	0.036	2.69	21.4	16.9	0.77	726	1.69	1.92	8.0	2.6	600
Q016642		3.02	16.80	0.10	1.1	0.046	2.53	19.0	19.7	0.82	650	0.77	2.14	7.8	2.7	630
Q016643		3.00	16.95	0.11	1.1	0.036	2.48	18.4	19.8	0.78	648	0.92	2.15	8.0	3.0	630
Q016644		2.84	15.70	0.12	1.1	0.036	2.48	21.5	17.9	0.74	662	28.2	2.15	7.4	3.0	610
Q016645		3.36	16.75	0.12	1.1	0.051	2.88	26.2	41.3	1.03	1180	6.21	0.74	9.2	2.9	760

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14095624

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016610		36.0	98.9	<0.002	0.07	26.6	9.7	1	1.4	96.2	0.67	<0.05	9.7	0.271	1.66	2.7
Q016611		17.1	85.2	<0.002	0.01	13.25	10.6	1	1.5	247	0.67	<0.05	11.6	0.285	0.92	1.9
Q016612		50.3	96.1	<0.002	0.12	25.3	10.4	1	1.4	79.0	0.61	<0.05	10.7	0.272	1.70	3.8
Q016613		29.7	145.5	<0.002	0.31	22.3	9.8	1	1.8	59.9	0.54	<0.05	11.2	0.243	2.20	5.4
Q016614		1.4	1.2	<0.002	<0.01	0.19	0.2	<1	<0.2	45.6	<0.05	<0.05	0.2	<0.005	0.02	1.1
Q016615		12.6	114.0	<0.002	0.12	11.50	10.5	1	1.5	84.2	0.63	<0.05	11.4	0.272	2.38	10.7
Q016616		18.4	81.4	<0.002	0.01	10.60	10.9	1	1.4	271	0.60	<0.05	11.3	0.280	1.06	2.1
Q016617		14.8	89.7	<0.002	0.01	4.57	10.8	1	1.5	363	0.55	<0.05	11.4	0.272	0.99	1.7
Q016618		18.2	93.2	<0.002	0.11	11.50	11.0	1	1.4	162.0	0.57	<0.05	10.8	0.278	1.55	4.0
Q016619		484	152.5	0.003	2.72	25.9	8.8	1	5.1	109.5	0.45	0.26	11.0	0.215	2.33	4.6
Q016620		14.8	82.2	<0.002	0.13	49.4	8.9	1	1.2	121.5	0.50	<0.05	10.1	0.221	1.60	3.8
Q016621		10.3	92.5	<0.002	0.05	24.9	10.9	1	1.4	85.5	0.66	<0.05	12.2	0.263	1.22	2.3
Q016622		14.9	75.1	<0.002	0.05	23.3	10.5	1	1.5	79.2	0.70	<0.05	9.9	0.289	1.07	3.3
Q016623		15.4	98.6	<0.002	0.02	14.40	11.2	1	2.8	141.5	0.66	<0.05	11.2	0.287	1.16	3.5
Q016624		21.2	87.0	<0.002	0.06	31.1	11.0	1	1.5	104.0	0.71	<0.05	9.8	0.291	1.36	3.8
Q016625		13.4	62.5	<0.002	0.11	22.4	11.2	1	1.3	139.5	0.56	<0.05	9.9	0.273	1.09	4.3
Q016626		13.3	60.4	<0.002	0.11	24.1	10.9	1	1.4	126.0	0.58	<0.05	9.5	0.273	1.10	4.8
Q016627		36.7	93.8	<0.002	0.02	32.3	13.4	1	1.6	74.2	0.69	<0.05	11.2	0.313	1.02	2.0
Q016628		14.8	88.8	<0.002	0.09	36.2	11.1	1	1.4	96.0	0.60	<0.05	11.5	0.283	1.43	6.9
Q016629		15.5	83.9	<0.002	0.03	13.40	10.8	1	1.3	316	0.58	<0.05	10.5	0.288	1.06	3.1
Q016630		20.2	88.8	<0.002	0.03	3.72	10.5	1	1.5	359	0.62	<0.05	10.6	0.286	1.10	2.5
Q016631		190.0	117.0	<0.002	0.39	19.10	9.4	1	1.6	152.5	0.52	<0.05	9.9	0.245	2.01	4.4
Q016632		21.1	90.3	<0.002	0.03	3.04	11.4	1	1.5	381	0.61	<0.05	10.5	0.299	1.22	2.8
Q016633		21.2	129.5	<0.002	0.13	4.44	10.0	1	1.4	252	0.62	<0.05	11.8	0.261	1.69	3.8
Q016634		12.6	136.5	<0.002	0.12	5.49	10.3	1	1.4	155.0	0.63	<0.05	11.9	0.250	2.04	4.6
Q016635		488	142.0	0.002	2.71	28.9	9.3	1	5.6	114.0	0.51	0.29	10.4	0.211	2.50	4.6
Q016636		13.8	144.0	<0.002	0.17	6.75	10.8	1	1.5	139.0	0.69	<0.05	11.5	0.259	2.19	4.6
Q016637		12.2	107.5	<0.002	0.06	3.69	10.2	1	1.3	283	0.65	<0.05	11.6	0.249	1.33	3.7
Q016638		1.3	1.4	<0.002	<0.01	0.06	0.3	<1	<0.2	52.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q016639		16.1	95.3	<0.002	0.02	2.25	9.9	1	1.5	336	0.73	<0.05	11.0	0.259	1.14	3.6
Q016640		8.4	178.0	<0.002	0.30	7.77	10.3	1	1.4	107.5	0.62	0.05	12.7	0.227	1.81	5.3
Q016641		14.6	91.7	<0.002	0.02	2.45	10.3	1	1.5	352	0.66	<0.05	10.1	0.275	1.05	3.5
Q016642		15.2	94.0	<0.002	0.02	3.98	11.4	1	1.5	381	0.59	<0.05	9.7	0.278	1.06	3.6
Q016643		15.1	84.9	<0.002	0.02	4.16	10.8	1	1.5	380	0.61	<0.05	8.8	0.276	0.99	3.2
Q016644		15.6	90.7	<0.002	0.01	3.05	10.6	1	1.4	393	0.56	<0.05	10.2	0.270	0.97	3.7
Q016645		9.5	142.5	<0.002	0.27	5.56	13.1	1	1.8	145.0	0.68	<0.05	11.2	0.320	1.92	5.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 5-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14095624

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016610		75	2.6	11.5	666	30.8
Q016611		77	6.0	14.9	300	31.0
Q016612		77	2.8	11.9	1280	29.5
Q016613		88	2.3	10.8	997	26.3
Q016614		2	0.1	0.7	19	<0.5
Q016615		75	1.7	12.9	594	28.8
Q016616		78	2.3	14.3	737	28.3
Q016617		76	1.2	14.5	311	29.5
Q016618		78	2.2	15.3	469	27.8
Q016619		66	5.3	10.8	911	30.5
Q016620		64	2.9	11.3	674	23.4
Q016621		78	1.6	12.8	205	33.0
Q016622		79	3.8	12.4	364	32.6
Q016623		80	2.6	15.0	318	32.1
Q016624		89	4.1	13.2	409	30.3
Q016625		81	6.0	13.7	355	26.7
Q016626		81	6.3	12.4	256	25.3
Q016627		90	5.9	13.5	1170	31.6
Q016628		85	5.0	12.9	235	29.2
Q016629		80	1.8	14.6	153	29.2
Q016630		78	0.6	14.8	315	30.9
Q016631		68	1.5	12.1	595	25.8
Q016632		84	0.5	15.1	341	32.8
Q016633		72	2.0	13.3	79	31.2
Q016634		73	2.4	12.0	67	31.7
Q016635		67	5.6	11.2	930	32.1
Q016636		81	2.1	12.4	75	33.1
Q016637		73	1.6	14.2	70	31.2
Q016638		2	0.1	0.8	19	<0.5
Q016639		73	1.8	13.8	55	34.6
Q016640		74	2.7	13.4	61	32.2
Q016641		78	1.1	13.8	54	33.7
Q016642		77	0.9	14.7	52	28.3
Q016643		75	0.8	14.2	51	29.1
Q016644		75	1.2	14.5	52	28.2
Q016645		97	1.6	12.9	75	26.9

***** See Appendix Page for comments regarding this certificate *****

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

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

Project: KLAZA

Finalized Date: 5-JUL-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14095624

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-22	LOG-22d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

CERTIFICATE WH14096677

Project: KLAZA

P.O. No.: BATCH 16

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

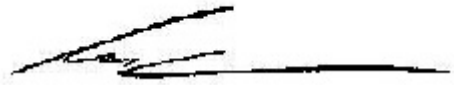
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Comments: Additional Au-AA24 check assay for samples Q016651 and Q016652 are 2.69 ppm and 1.33 ppm, respectively.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096677

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016646		7.30	<0.005	0.11	7.11	35.1	1960	1.35	0.08	2.30	0.09	44.7	7.8	8	28.0	7.6
Q016647		4.78	<0.005	0.04	7.21	5.8	2060	1.47	0.07	2.37	0.05	42.2	7.7	9	33.1	5.6
Q016648		3.65	<0.005	0.17	6.29	67.0	2120	1.33	0.07	2.50	0.19	43.3	7.6	7	24.6	7.7
Q016649		10.10	<0.005	0.42	6.87	94.4	2330	1.58	0.11	2.66	1.58	40.7	7.7	9	13.60	9.9
Q016650		7.20	<0.005	0.16	7.43	34.0	2380	1.40	0.35	2.01	1.47	41.8	9.1	11	13.75	7.9
Q016651		2.94	3.62	24.9	5.91	592	660	1.28	3.32	2.58	9.58	40.8	12.3	7	17.80	296
Q016652		<0.02	1.575	21.6	5.85	560	780	1.33	2.86	2.47	9.14	39.2	11.8	8	17.25	267
Q016653		3.94	0.006	0.59	7.60	19.5	1990	1.54	0.20	2.61	0.57	53.3	8.6	10	12.55	14.0
Q016654		3.95	<0.005	0.16	7.20	21.4	1810	1.66	0.17	2.36	0.71	38.5	8.2	9	18.00	9.9
Q016655		5.42	0.046	0.77	6.87	1025	4150	1.52	0.13	2.14	2.36	43.7	8.6	8	23.3	19.7
Q016656		3.62	<0.005	0.16	7.10	9.9	2090	1.48	0.12	2.83	1.46	43.3	8.4	10	11.55	7.4
Q016657		2.93	<0.005	0.14	6.49	126.5	2640	1.54	0.24	2.99	1.94	45.0	10.2	8	17.05	22.7
Q016658		10.64	<0.005	0.05	7.05	20.4	1840	1.59	0.09	2.05	1.66	42.9	7.9	8	19.65	10.2
Q016659		3.10	<0.005	0.11	6.21	55.7	2910	1.29	0.23	3.31	1.20	47.0	12.3	7	14.10	10.0
Q016660		7.78	<0.005	0.26	6.37	97.4	2520	1.41	0.55	2.40	1.79	42.7	15.6	7	15.90	14.2
Q016661		0.25	0.350	4.49	6.42	693	340	1.25	3.57	1.96	10.50	49.5	12.0	23	13.30	315
Q016662		5.39	0.007	0.28	6.74	81.3	2260	1.46	0.25	2.13	0.40	47.3	8.6	8	19.20	7.2
Q016663		9.98	<0.005	0.06	6.81	9.7	1420	1.19	0.12	1.59	0.38	45.6	9.5	8	14.40	4.5
Q016664		6.43	<0.005	0.16	5.49	48.7	2940	1.00	0.29	2.43	0.43	41.3	7.8	9	12.95	3.9
Q016665		3.29	<0.005	0.16	6.69	29.0	890	1.50	0.32	2.21	0.57	47.2	8.4	8	16.60	3.5
Q016666		7.05	<0.005	0.07	7.03	7.7	1840	1.08	0.08	1.62	0.14	36.7	6.8	9	21.0	7.3
Q016667		2.95	<0.005	0.07	6.41	6.1	1790	1.04	0.10	1.81	0.07	29.6	6.5	9	13.90	5.9
Q016668		3.41	<0.005	0.13	5.48	20.3	1220	1.09	0.08	2.02	0.29	38.6	5.9	8	14.75	5.5
Q016669		5.06	0.081	3.72	6.55	301	410	1.46	4.49	2.19	18.90	52.2	9.9	8	19.25	30.9
Q016670		7.03	<0.005	0.01	0.07	<0.2	30	0.05	0.02	20.1	0.08	1.16	0.7	<1	0.17	2.2
Q016671		6.74	<0.005	0.66	7.49	6.9	1450	1.36	18.65	1.38	0.17	51.4	7.8	9	13.25	7.7
Q016672		6.72	<0.005	0.10	7.78	6.7	1920	1.38	0.30	1.15	0.13	44.9	6.8	9	14.20	5.2
Q016673		0.24	0.362	4.36	6.78	712	570	1.36	3.27	2.05	10.85	52.5	11.9	25	13.25	310
Q016674		8.90	<0.005	0.17	6.90	10.5	1670	1.50	0.66	2.19	0.24	44.9	7.8	9	13.10	4.5
Q016675		8.06	<0.005	0.07	7.38	7.7	1370	1.28	0.30	1.32	0.09	47.6	7.1	9	14.25	3.3
Q016676		6.57	<0.005	0.21	6.82	11.1	910	1.38	0.21	2.08	0.14	47.4	8.4	8	12.65	34.9
Q016677		6.97	<0.005	0.01	0.09	0.6	40	0.05	0.03	20.5	0.06	1.22	0.8	<1	0.19	1.7
Q016678		10.82	0.025	0.14	7.01	11.6	1090	1.51	0.16	2.22	0.25	44.6	6.8	9	13.00	4.5
Q016679		9.24	<0.005	0.40	7.00	21.1	960	1.54	1.80	1.87	0.22	38.4	7.4	8	12.45	3.7
Q016680		4.91	<0.005	0.30	6.34	13.7	1600	1.30	1.31	3.59	0.18	45.8	6.9	8	13.05	3.8
Q016681		11.37	<0.005	0.12	6.90	7.0	2000	1.56	0.20	2.90	0.24	38.5	7.8	11	21.8	5.6

Comments: Additional Au-AA24 check assay for samples Q016651 and Q016652 are 2.69 ppm and 1.33 ppm, respectively.

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096677

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016646		2.96	16.15	0.11	1.1	0.034	2.84	21.4	92.7	0.80	851	6.29	0.35	7.8	2.8	610
Q016647		2.98	16.70	0.13	1.2	0.038	2.70	19.9	28.8	0.68	657	22.7	1.40	8.1	2.5	610
Q016648		2.76	14.85	0.13	0.9	0.030	2.61	21.7	45.0	0.75	1240	2.21	0.16	7.2	2.4	520
Q016649		2.95	16.10	0.12	1.3	0.067	2.69	18.8	18.1	0.77	734	0.77	1.69	8.3	2.7	600
Q016650		3.45	17.60	0.13	1.3	0.056	3.04	19.1	26.8	0.81	1040	1.08	0.62	9.0	3.1	660
Q016651		6.66	14.60	0.14	0.9	0.168	2.86	20.9	20.6	1.17	4050	1.53	0.04	6.5	2.4	500
Q016652		6.48	14.40	0.12	0.9	0.160	2.88	20.4	20.3	1.13	4000	1.47	0.04	6.5	2.7	510
Q016653		4.20	16.85	0.15	1.2	0.084	2.92	26.5	15.6	0.93	1320	0.50	1.59	8.2	2.7	680
Q016654		3.11	16.90	0.12	1.5	0.043	2.64	17.9	29.6	0.68	662	0.76	1.08	8.7	2.9	600
Q016655		3.04	16.30	0.14	1.3	0.041	2.70	20.8	63.2	0.57	1300	1.70	0.16	7.9	3.2	610
Q016656		3.10	17.10	0.12	1.3	0.036	2.59	20.0	16.0	0.86	738	0.87	2.11	8.3	2.8	610
Q016657		3.15	15.55	0.16	1.1	0.041	2.41	21.5	33.4	0.72	1380	1.28	0.32	7.4	2.7	560
Q016658		3.00	16.25	0.14	1.2	0.043	2.59	20.5	41.9	0.76	1020	0.44	0.05	7.9	2.4	590
Q016659		3.19	13.35	0.13	1.0	0.042	2.11	24.6	35.1	1.13	1680	0.75	0.03	6.4	2.4	490
Q016660		3.02	13.95	0.12	1.2	0.071	2.30	21.0	33.4	0.84	1520	1.46	0.03	7.0	2.4	540
Q016661		4.79	15.05	0.12	1.1	0.294	2.88	27.3	25.6	0.74	1780	13.00	0.14	6.1	14.0	500
Q016662		3.19	15.45	0.14	1.2	0.067	2.75	23.7	28.0	0.82	1740	0.61	0.03	7.7	2.9	570
Q016663		2.83	15.90	0.14	1.2	0.037	2.21	21.7	40.0	0.63	1300	0.90	0.03	7.8	3.3	590
Q016664		2.71	11.25	0.10	1.0	0.052	2.35	21.8	29.2	0.83	1400	0.61	0.05	5.9	2.5	440
Q016665		2.84	15.60	0.13	1.2	0.048	3.25	23.3	27.9	0.76	1650	0.77	0.04	7.6	2.7	590
Q016666		2.81	16.30	0.17	1.3	0.040	2.48	17.0	39.9	0.43	737	3.09	0.09	8.7	2.7	630
Q016667		2.59	15.20	0.15	1.2	0.040	2.44	12.6	36.4	0.40	642	0.75	0.09	7.8	2.3	580
Q016668		2.06	11.05	0.14	0.8	0.024	1.30	21.0	92.4	0.58	963	0.67	0.02	5.4	2.0	440
Q016669		5.40	15.55	0.15	1.0	0.345	2.38	28.3	44.1	0.83	2820	0.91	0.03	6.8	3.4	520
Q016670		0.45	0.29	0.13	<0.1	0.006	0.02	0.6	1.3	12.45	193	0.42	<0.01	0.1	1.6	170
Q016671		3.15	14.85	0.14	1.2	0.043	2.31	26.4	27.5	0.60	1300	0.87	0.04	7.8	2.5	640
Q016672		3.11	16.30	0.16	1.3	0.049	2.74	22.2	30.1	0.47	1030	0.38	0.06	8.4	2.4	660
Q016673		5.02	14.60	0.14	1.0	0.300	2.95	30.1	27.4	0.78	1820	15.00	0.15	6.2	14.1	520
Q016674		3.23	15.30	0.14	1.1	0.043	2.41	22.2	38.9	0.83	1520	0.30	0.07	7.5	2.4	600
Q016675		3.05	15.20	0.16	1.2	0.042	2.48	24.7	34.3	0.60	1050	0.82	0.05	7.9	2.5	600
Q016676		3.40	14.60	0.16	1.1	0.080	2.68	24.7	59.2	0.85	1810	0.12	0.04	7.3	2.9	580
Q016677		0.48	0.38	0.13	<0.1	0.005	0.03	0.6	1.3	12.55	200	0.14	0.01	0.2	1.6	190
Q016678		3.42	14.55	0.14	1.1	0.087	2.79	23.2	36.9	0.94	1820	0.24	0.04	7.3	2.4	570
Q016679		3.27	16.25	0.14	1.2	0.085	2.59	18.6	37.1	0.71	1980	1.34	0.04	7.8	2.5	620
Q016680		3.07	13.35	0.14	1.1	0.065	2.38	23.9	38.2	0.96	1970	0.47	0.18	6.9	2.6	540
Q016681		3.05	15.35	0.14	1.2	0.045	2.89	18.1	16.9	0.67	997	1.44	1.27	7.9	2.7	610

Comments: Additional Au-AA24 check assay for samples Q016651 and Q016652 are 2.69 ppm and 1.33 ppm, respectively.

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096677

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016646		14.8	111.0	<0.002	0.07	14.55	10.6	1	1.5	155.5	0.65	<0.05	11.5	0.264	1.53	4.2
Q016647		16.3	107.0	0.003	0.01	6.13	10.7	1	1.5	299	0.65	<0.05	10.5	0.272	1.32	3.2
Q016648		16.8	108.0	<0.002	0.14	25.8	10.1	<1	1.4	127.5	0.56	<0.05	10.4	0.241	1.87	4.1
Q016649		68.8	103.5	0.002	0.09	6.71	9.8	<1	1.8	306	0.76	<0.05	10.2	0.268	1.35	2.8
Q016650		49.5	114.5	<0.002	0.10	11.45	11.4	<1	1.9	153.0	0.76	<0.05	10.7	0.309	1.55	2.3
Q016651		286	169.0	<0.002	2.44	116.5	10.1	<1	3.0	56.3	0.50	<0.05	10.4	0.220	2.31	6.9
Q016652		276	167.5	<0.002	2.22	105.5	10.2	<1	2.9	55.1	0.52	<0.05	10.0	0.235	2.19	7.7
Q016653		24.4	132.5	<0.002	0.13	5.97	12.3	<1	2.1	301	0.65	<0.05	12.4	0.291	1.53	2.8
Q016654		22.0	100.0	<0.002	0.02	9.49	10.6	1	1.8	221	0.82	<0.05	11.7	0.258	1.14	4.1
Q016655		43.8	114.0	<0.002	0.32	33.9	10.5	<1	1.7	119.5	0.67	<0.05	11.5	0.264	2.02	4.6
Q016656		77.2	96.0	<0.002	0.02	1.75	10.7	<1	1.7	374	0.68	<0.05	11.7	0.267	1.19	4.0
Q016657		15.1	94.5	<0.002	0.14	18.60	10.4	<1	1.5	131.5	0.61	<0.05	11.2	0.248	1.38	4.6
Q016658		28.1	104.5	<0.002	0.09	20.1	10.4	<1	1.6	81.9	0.63	<0.05	11.5	0.262	2.01	4.7
Q016659		10.3	111.5	<0.002	0.29	19.65	9.3	1	1.2	87.7	0.53	<0.05	11.8	0.211	1.82	3.0
Q016660		30.0	105.0	<0.002	0.45	30.7	9.6	<1	1.7	64.9	0.61	<0.05	11.2	0.226	1.67	5.4
Q016661		465	160.5	0.003	2.63	28.0	8.7	1	5.4	105.0	0.51	0.29	12.2	0.195	2.44	5.5
Q016662		62.7	141.5	<0.002	0.37	18.35	10.7	<1	1.7	59.0	0.65	<0.05	12.5	0.249	2.37	7.1
Q016663		8.8	98.9	<0.002	0.10	27.9	10.8	1	1.4	58.6	0.64	<0.05	12.1	0.253	1.45	2.7
Q016664		23.1	132.5	<0.002	0.23	13.30	8.4	1	1.2	80.8	0.50	<0.05	10.2	0.198	1.61	4.0
Q016665		14.3	151.5	<0.002	0.13	15.80	10.6	1	1.5	57.7	0.62	<0.05	12.0	0.249	2.13	7.6
Q016666		15.7	96.7	0.002	0.02	21.0	11.8	1	1.7	97.5	0.69	<0.05	9.2	0.289	1.16	2.1
Q016667		17.5	85.2	<0.002	0.02	16.00	10.1	1	1.5	99.5	0.63	<0.05	8.0	0.278	1.11	1.8
Q016668		15.2	65.4	<0.002	0.18	52.8	8.4	<1	1.2	128.5	0.42	<0.05	9.0	0.197	1.46	4.9
Q016669		752	127.5	0.002	3.26	32.3	11.1	1	3.4	92.3	0.57	<0.05	11.2	0.237	1.71	4.7
Q016670		2.0	1.1	<0.002	<0.01	0.18	0.2	<1	<0.2	47.8	<0.05	<0.05	0.3	<0.005	0.02	0.7
Q016671		19.7	91.2	<0.002	0.05	22.9	11.7	1	1.6	60.4	0.66	0.26	12.5	0.269	1.09	2.8
Q016672		18.8	116.0	<0.002	0.03	17.55	12.2	<1	1.6	72.7	0.69	<0.05	11.5	0.299	1.24	3.1
Q016673		491	176.5	0.006	2.71	26.0	9.8	1	5.7	109.5	0.50	0.33	10.9	0.206	2.45	5.1
Q016674		18.8	95.0	<0.002	0.13	18.65	11.2	1	1.5	85.6	0.59	<0.05	10.6	0.264	1.39	3.3
Q016675		14.5	110.0	<0.002	0.05	21.0	11.7	<1	1.5	65.6	0.66	<0.05	12.1	0.268	1.33	2.0
Q016676		16.4	135.0	<0.002	0.20	24.2	11.2	<1	1.7	69.1	0.59	<0.05	10.9	0.244	1.94	4.1
Q016677		1.4	1.5	<0.002	<0.01	0.13	0.2	<1	<0.2	46.7	<0.05	<0.05	0.3	<0.005	0.03	0.6
Q016678		16.4	142.0	<0.002	0.27	14.75	11.0	<1	1.7	82.3	0.63	<0.05	11.5	0.250	1.88	3.0
Q016679		20.9	105.0	<0.002	0.17	17.75	11.0	1	1.8	65.8	0.63	0.05	9.7	0.274	1.95	4.8
Q016680		13.1	106.0	<0.002	0.28	12.70	9.9	1	1.6	130.0	0.58	0.26	10.5	0.242	1.59	4.5
Q016681		29.3	108.0	<0.002	0.03	8.50	11.2	1	1.6	252	0.60	<0.05	9.8	0.274	1.43	2.9

Comments: Additional Au-AA24 check assay for samples Q016651 and Q016652 are 2.69 ppm and 1.33 ppm, respectively.

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 8-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096677

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016646		76	3.2	15.1	57	26.3
Q016647		77	13.7	14.9	53	28.6
Q016648		72	3.2	14.6	65	24.1
Q016649		75	2.3	14.1	260	29.7
Q016650		85	4.8	13.5	360	30.8
Q016651		68	7.3	10.9	838	22.0
Q016652		69	7.2	11.1	821	22.5
Q016653		85	4.3	16.9	165	28.5
Q016654		76	2.5	14.7	254	35.7
Q016655		75	5.7	13.5	465	32.4
Q016656		77	0.8	15.5	181	33.1
Q016657		70	2.0	15.6	450	28.4
Q016658		75	1.4	11.1	224	30.0
Q016659		58	1.4	16.5	255	24.3
Q016660		65	1.9	13.4	296	26.8
Q016661		62	5.6	11.5	872	29.2
Q016662		73	1.9	12.6	120	29.0
Q016663		73	2.1	12.4	131	29.2
Q016664		52	1.5	11.6	146	23.4
Q016665		71	1.8	13.5	153	29.1
Q016666		84	3.7	12.3	100	34.4
Q016667		77	3.7	10.5	78	30.7
Q016668		55	2.8	10.3	92	21.2
Q016669		79	4.4	12.6	2080	26.3
Q016670		1	0.1	0.7	17	<0.5
Q016671		79	2.9	14.0	160	32.7
Q016672		80	4.6	13.4	85	33.6
Q016673		66	5.4	11.4	886	30.1
Q016674		75	1.9	13.0	121	28.3
Q016675		74	2.7	13.6	97	30.7
Q016676		71	3.8	13.1	107	29.3
Q016677		2	0.1	0.8	16	<0.5
Q016678		71	2.7	13.3	112	27.9
Q016679		83	3.5	11.9	152	31.7
Q016680		66	1.8	12.5	167	27.3
Q016681		79	1.8	13.2	130	31.1

Comments: Additional Au-AA24 check assay for samples Q016651 and Q016652 are 2.69 ppm and 1.33 ppm, respectively.

***** See Appendix Page for comments regarding this certificate *****

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

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

Project: KLAZA

Finalized Date: 8-JUL-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14096677

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21d	LOG-22
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

CERTIFICATE WH14096678

Project: KLAZA

P.O. No.: BATCH 17

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

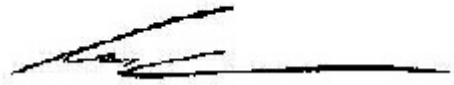
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096678

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016359		4.11	0.006	0.85	8.54	19.5	1320	1.57	18.85	5.97	0.98	47.0	6.9	7	16.15	13.0
Q016360		2.60	<0.005	0.19	7.09	33.5	1090	1.51	0.37	2.88	0.19	41.5	6.9	9	12.55	4.6
Q016361		3.88	0.034	0.59	6.13	77.3	2090	1.20	0.27	3.09	2.70	46.5	7.0	10	15.40	8.4
Q016362		4.73	0.017	0.22	6.86	96.3	1190	1.60	0.23	3.05	0.18	50.7	7.4	8	16.40	6.1
Q016363		3.67	0.031	0.79	6.93	160.5	1180	1.46	1.66	2.85	0.35	51.7	9.5	8	12.80	4.2
Q016364		1.18	0.374	9.57	4.35	336	500	1.35	4.48	6.65	56.2	30.2	8.9	4	15.10	138.0
Q016365		9.02	0.005	0.38	7.17	81.5	1740	1.83	0.59	3.96	1.35	74.2	10.0	29	28.2	36.4
Q016366		6.36	<0.005	0.10	6.63	33.5	1440	1.70	0.11	2.00	0.27	76.6	9.6	29	22.9	9.7
Q016367		4.29	0.166	2.28	6.56	149.0	830	1.34	2.99	0.82	0.97	46.5	7.4	9	11.90	131.5
Q016368		6.93	<0.005	0.01	0.09	<0.2	30	0.07	0.05	20.7	0.07	1.46	0.7	1	0.36	3.4
Q016369		4.64	0.161	2.10	6.46	241	690	1.08	3.63	1.13	0.61	43.5	5.5	12	8.78	33.5
Q016370		6.10	0.289	3.87	7.01	234	820	1.21	4.54	1.66	4.70	48.9	2.2	9	5.22	238
Q016371		5.46	0.080	1.45	7.16	133.5	830	1.38	1.35	2.24	2.48	56.0	2.9	9	5.47	127.0
Q016372		0.23	0.373	4.56	6.91	735	1030	1.34	3.43	2.11	11.00	53.6	12.5	24	14.00	316
Q016373		5.28	0.093	0.88	7.21	65.4	1220	1.49	1.89	2.08	0.81	55.1	5.7	9	5.37	14.0
Q016374		2.82	<0.005	0.48	7.30	22.7	1440	1.75	1.27	2.43	0.39	53.6	8.4	9	7.93	4.0
Q016375		1.80	<0.005	0.27	7.21	18.5	1400	1.69	0.56	2.40	0.43	50.4	4.9	10	7.13	3.5
Q016376		2.11	0.057	3.45	7.13	96.2	1300	1.62	6.30	1.32	2.85	43.8	22.4	10	12.05	12.4
Q016377		3.54	<0.005	0.26	7.78	13.9	1250	1.91	0.77	1.45	0.38	66.2	6.0	9	16.90	6.7
Q016378		5.08	0.005	0.58	7.49	77.0	1760	1.79	1.36	1.82	0.13	45.7	8.8	9	16.40	5.8
Q016379		4.18	0.015	0.58	7.26	33.2	1000	1.49	0.29	2.83	1.21	49.2	7.5	9	12.25	9.4
Q016380		3.88	<0.005	0.21	7.23	11.9	1020	1.46	0.31	2.58	0.24	47.8	9.2	9	10.30	3.8
Q016381		2.15	0.014	0.96	6.85	32.8	2940	2.23	2.96	3.99	1.06	47.7	17.8	6	22.9	5.9
Q016382		5.91	<0.005	0.17	7.43	22.1	1360	1.70	0.24	2.44	0.14	54.3	5.7	10	12.95	3.2
Q016383		0.23	0.876	12.10	6.58	1600	590	1.43	12.75	1.89	33.0	47.4	17.5	19	13.75	286
Q016384		5.36	<0.005	0.14	7.47	22.8	910	1.67	0.30	2.61	0.27	55.2	7.0	11	13.35	3.7
Q016385		4.99	0.014	1.31	7.29	130.5	1110	1.59	0.39	2.81	5.95	48.8	9.5	10	16.65	19.4
Q016386		6.70	<0.005	0.01	0.08	<0.2	30	0.05	0.03	20.2	0.08	1.22	0.7	1	0.23	2.6
Q016387		3.43	<0.005	0.08	7.02	6.9	2100	1.33	0.21	2.24	0.11	43.1	6.2	9	12.90	8.4
Q016388		5.79	0.006	0.18	7.10	34.2	1050	1.30	0.23	2.56	0.51	51.1	6.6	9	14.95	8.3
Q016389		<0.02	0.006	0.20	7.39	36.2	1080	1.39	0.25	2.49	0.54	51.8	6.8	9	16.05	8.5
Q016390		5.13	0.052	3.08	6.93	199.5	2000	1.34	0.84	2.70	10.10	51.4	5.4	9	14.35	85.0
Q016391		6.41	0.005	0.29	6.91	35.6	2050	1.02	0.26	1.80	0.45	46.2	8.3	10	14.30	23.1
Q016392		5.74	<0.005	0.13	7.00	7.5	1870	1.45	0.37	2.42	0.17	43.2	7.4	9	13.05	7.2
Q016393		4.03	1.255	11.45	6.52	4970	420	1.12	9.71	0.27	121.5	47.2	8.9	10	5.82	345
Q016394		6.51	1.400	9.90	6.84	7650	390	1.22	4.46	0.70	69.9	48.0	8.2	8	7.37	72.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096678

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016359		4.72	25.0	0.17	1.5	0.488	1.49	23.1	21.6	1.00	2200	0.21	3.34	8.7	1.8	710
Q016360		2.89	14.35	0.18	1.0	0.032	3.00	21.2	120.0	1.05	1220	0.33	0.05	7.0	2.0	580
Q016361		2.82	12.35	0.18	1.0	0.049	2.45	25.8	227	1.18	1340	0.66	0.04	6.1	2.0	470
Q016362		3.23	14.30	0.18	1.1	0.047	2.93	26.8	108.5	1.22	1260	0.27	0.04	7.8	2.1	610
Q016363		3.65	13.55	0.18	1.3	0.114	3.30	28.4	21.7	1.04	2440	0.65	0.03	7.1	2.1	550
Q016364		5.38	11.30	0.11	0.8	1.270	1.88	16.4	13.7	1.48	2850	1.57	0.02	3.9	2.0	250
Q016365		3.24	17.50	0.18	4.1	0.080	2.03	37.7	113.0	0.97	933	1.49	0.04	11.0	10.2	1610
Q016366		2.91	16.30	0.22	4.0	0.040	2.02	40.2	93.7	0.94	861	0.67	0.04	10.1	10.6	1480
Q016367		5.56	15.30	0.16	1.2	0.251	3.39	25.7	16.3	0.72	1360	0.37	0.04	6.6	3.0	540
Q016368		0.49	0.31	0.23	<0.1	<0.005	0.04	0.7	1.5	12.60	208	0.08	0.01	0.3	<0.2	190
Q016369		5.87	15.85	0.16	1.0	0.214	3.34	23.4	11.5	0.89	1880	0.52	0.04	6.8	2.5	520
Q016370		4.69	13.60	0.17	1.0	0.360	3.67	26.9	6.7	0.75	2790	0.38	0.04	6.5	1.7	560
Q016371		4.32	14.70	0.17	1.2	0.300	3.73	30.7	6.2	0.92	3240	0.28	0.04	7.3	2.2	550
Q016372		5.20	15.15	0.15	1.1	0.291	3.10	30.7	26.6	0.81	1860	14.25	0.16	6.2	13.9	540
Q016373		3.67	15.05	0.17	1.1	0.166	3.87	29.9	6.3	0.78	1810	0.30	0.04	7.2	1.7	550
Q016374		3.07	14.35	0.22	1.1	0.071	3.84	28.9	33.4	0.99	1480	0.24	0.05	7.4	1.8	600
Q016375		3.07	13.90	0.20	1.1	0.074	3.77	26.4	30.2	0.98	1540	0.17	0.04	7.5	1.7	630
Q016376		4.35	18.25	0.17	1.3	0.197	3.56	23.7	28.8	0.74	1180	0.53	0.04	6.7	3.3	520
Q016377		3.49	20.3	0.19	1.2	0.171	3.08	34.8	66.5	0.81	1400	0.13	0.04	8.3	2.5	580
Q016378		3.34	21.2	0.18	1.0	0.153	2.75	23.5	58.1	0.80	1240	0.20	0.05	7.2	2.3	560
Q016379		3.26	14.10	0.19	1.3	0.063	3.15	26.0	38.5	1.14	1540	0.24	0.05	7.6	1.9	600
Q016380		3.29	13.95	0.18	1.2	0.040	2.75	25.1	59.8	1.08	1090	0.16	0.04	7.4	2.1	590
Q016381		4.18	21.7	0.20	0.9	0.110	3.16	25.7	42.2	1.18	1830	0.31	0.04	5.8	2.4	440
Q016382		3.14	15.20	0.22	1.2	0.043	3.25	28.3	102.5	0.95	1060	0.35	0.14	7.6	2.3	610
Q016383		6.65	14.95	0.18	1.1	0.793	3.08	25.5	20.5	0.78	1780	8.69	0.13	6.3	11.6	540
Q016384		3.21	15.70	0.20	1.3	0.049	2.64	28.2	122.0	1.00	1120	0.26	0.04	8.2	2.3	650
Q016385		3.34	15.20	0.17	1.3	0.119	2.86	25.7	62.3	0.98	2750	0.30	0.04	7.3	2.3	610
Q016386		0.49	0.26	0.29	<0.1	0.006	0.03	0.6	1.3	12.55	213	0.13	0.01	0.2	<0.2	180
Q016387		3.08	15.10	0.27	1.3	0.041	3.03	21.9	14.1	0.76	621	0.28	1.75	7.7	2.2	590
Q016388		2.99	15.25	0.24	1.4	0.069	3.27	26.4	40.0	0.95	1370	0.28	0.06	8.0	2.3	590
Q016389		3.09	15.60	0.22	1.5	0.073	3.42	27.1	43.9	0.92	1400	0.38	0.06	7.9	2.4	610
Q016390		3.62	14.90	0.18	1.3	0.149	3.19	27.0	23.3	1.01	3290	0.31	0.03	7.5	2.1	570
Q016391		2.93	14.60	0.20	1.2	0.042	2.51	24.6	44.1	0.80	700	0.46	0.14	7.4	2.4	600
Q016392		3.06	15.95	0.21	1.3	0.048	2.84	21.2	24.1	0.94	535	0.28	1.98	8.2	2.3	620
Q016393		7.63	15.85	0.14	1.1	1.360	3.20	25.4	5.5	0.38	1220	0.80	0.03	6.2	2.5	500
Q016394		5.68	15.25	0.13	1.2	0.268	3.36	25.6	11.6	0.43	2520	0.53	0.03	7.0	2.8	560

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096678

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016359		71.7	51.5	<0.002	0.10	10.60	11.3	2	4.8	444	0.75	0.57	11.6	0.320	1.08	4.5
Q016360		15.6	116.0	<0.002	0.19	11.80	10.1	<1	1.5	74.3	0.56	<0.05	9.3	0.260	2.38	3.9
Q016361		161.0	123.5	<0.002	0.43	27.1	9.1	<1	1.3	87.0	0.51	<0.05	10.5	0.219	2.30	5.1
Q016362		13.9	132.5	<0.002	0.27	17.50	11.1	1	1.4	87.7	0.67	<0.05	11.1	0.260	2.57	4.8
Q016363		54.9	207	<0.002	0.84	10.55	10.3	3	1.5	67.9	0.67	<0.05	11.7	0.256	2.33	5.7
Q016364		3950	101.0	<0.002	4.43	87.1	6.0	<1	4.9	188.0	0.32	0.07	6.8	0.145	1.32	5.6
Q016365		32.4	72.4	<0.002	0.21	40.6	7.7	1	1.2	518	0.72	<0.05	7.7	0.410	1.88	4.4
Q016366		18.6	84.7	<0.002	0.07	32.4	7.1	<1	1.1	668	0.66	<0.05	7.6	0.380	1.46	4.9
Q016367		41.4	187.5	<0.002	2.21	92.3	9.8	<1	4.0	52.3	0.56	0.05	11.3	0.235	1.99	6.6
Q016368		2.0	1.9	<0.002	<0.01	0.17	0.2	<1	<0.2	51.1	<0.05	<0.05	<0.2	0.005	0.02	0.8
Q016369		60.8	210	<0.002	2.35	45.9	10.4	<1	4.3	27.9	0.54	0.06	11.9	0.233	2.15	7.3
Q016370		91.7	229	<0.002	2.50	86.8	10.2	<1	3.8	26.2	0.50	<0.05	11.9	0.245	2.58	4.2
Q016371		57.9	239	<0.002	1.18	24.3	11.4	<1	2.8	34.2	0.67	<0.05	13.1	0.254	2.66	4.6
Q016372		511	174.5	0.005	2.82	28.1	9.4	1	5.7	111.5	0.53	0.29	11.7	0.210	2.54	5.3
Q016373		38.6	213	<0.002	1.29	13.45	10.8	<1	4.0	38.4	0.58	<0.05	11.7	0.260	2.58	5.5
Q016374		42.3	210	<0.002	0.32	11.85	11.0	1	1.6	56.5	0.61	<0.05	12.4	0.275	2.97	5.5
Q016375		39.4	199.5	<0.002	0.24	11.00	11.1	1	1.5	58.4	0.60	<0.05	11.4	0.270	2.97	4.5
Q016376		560	206	<0.002	2.07	20.5	11.4	1	5.0	39.2	0.53	0.13	11.8	0.257	2.32	7.5
Q016377		32.4	161.0	<0.002	0.20	17.50	13.4	1	2.8	88.5	0.65	<0.05	13.0	0.283	2.37	6.4
Q016378		32.7	124.5	<0.002	0.34	17.50	10.7	<1	2.8	86.1	0.59	<0.05	10.8	0.266	1.86	5.6
Q016379		138.0	164.5	<0.002	0.34	9.75	11.4	1	2.2	105.0	0.63	<0.05	13.0	0.269	2.23	6.0
Q016380		9.9	132.5	<0.002	0.09	9.83	10.8	<1	1.4	126.0	0.62	<0.05	11.9	0.265	1.88	6.3
Q016381		65.1	168.5	<0.002	0.79	18.20	10.1	1	1.8	171.0	0.46	<0.05	9.0	0.214	2.10	14.4
Q016382		12.4	133.0	<0.002	0.12	11.90	11.3	<1	1.5	156.5	0.59	<0.05	12.4	0.279	2.30	5.2
Q016383		1345	169.0	<0.002	4.76	66.5	9.3	2	7.9	96.4	0.52	1.28	10.9	0.218	2.62	5.3
Q016384		9.3	122.0	<0.002	0.13	12.30	12.4	1	1.7	187.0	0.64	<0.05	12.5	0.285	2.05	5.1
Q016385		273	128.5	<0.002	0.50	24.6	11.1	1	2.0	165.5	0.63	<0.05	12.7	0.267	2.77	5.9
Q016386		2.2	1.7	<0.002	<0.01	0.07	0.2	<1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q016387		17.3	115.0	<0.002	0.03	7.19	10.4	1	1.6	295	0.65	<0.05	11.0	0.258	1.47	3.0
Q016388		20.5	139.0	<0.002	0.31	14.95	10.4	1	1.8	174.0	0.70	<0.05	12.9	0.273	2.77	6.0
Q016389		21.7	150.5	<0.002	0.32	14.85	10.8	1	1.8	179.0	0.73	<0.05	13.0	0.277	2.81	6.0
Q016390		395	187.5	<0.002	1.13	37.6	11.4	1	2.8	126.0	0.66	<0.05	12.1	0.266	2.89	5.7
Q016391		34.0	103.0	<0.002	0.10	19.45	10.4	1	1.8	150.0	0.63	<0.05	11.6	0.265	1.20	3.0
Q016392		22.4	107.5	<0.002	0.01	8.63	10.6	<1	1.8	303	0.67	<0.05	10.3	0.282	1.35	2.9
Q016393		1700	195.0	0.002	7.48	55.3	10.0	1	19.4	26.9	0.49	0.30	10.6	0.228	2.23	4.0
Q016394		2020	218	<0.002	5.20	62.0	11.3	<1	9.6	44.5	0.58	0.09	11.9	0.262	2.74	4.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096678

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
Q016359		118	2.4	17.2	127	35.5	
Q016360		71	1.6	11.3	87	22.9	
Q016361		59	1.6	13.4	345	22.9	
Q016362		74	1.7	14.3	91	26.2	
Q016363		67	1.9	14.9	94	28.3	
Q016364		46	3.1	7.8	6500	23.1	
Q016365		80	3.3	13.8	226	164.5	
Q016366		70	3.4	14.1	107	159.5	
Q016367		66	4.6	6.4	87	30.2	
Q016368		2	0.1	0.9	19	0.9	
Q016369		68	4.7	6.8	82	27.0	
Q016370		68	4.0	8.6	585	26.4	
Q016371		69	3.6	12.1	371	29.3	
Q016372		66	6.1	12.6	904	30.4	
Q016373		74	5.2	11.2	123	28.0	
Q016374		70	2.0	12.9	78	27.9	
Q016375		69	2.0	12.9	84	28.7	
Q016376		102	2.9	8.7	373	28.2	
Q016377		93	2.8	17.6	101	29.3	
Q016378		95	2.7	12.6	73	25.4	
Q016379		67	1.7	13.4	162	30.8	
Q016380		63	1.5	13.9	92	29.7	
Q016381		107	1.8	21.2	159	24.4	
Q016382		74	1.4	14.9	71	32.5	
Q016383		63	5.9	11.9	2440	29.3	
Q016384		77	1.8	15.4	75	31.2	
Q016385		76	3.0	16.5	628	31.2	
Q016386		1	0.1	0.8	21	<0.5	
Q016387		71	1.4	15.2	55	32.3	
Q016388		71	2.5	14.8	96	33.5	
Q016389		72	2.5	15.6	102	34.4	
Q016390		75	2.8	18.3	941	29.0	
Q016391		70	5.8	15.2	72	30.5	
Q016392		75	3.0	16.5	53	32.5	
Q016393		64	6.5	9.1	>10000	26.9	1.485
Q016394		74	5.8	9.7	4780	29.9	

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096678

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21d	LOG-22
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Zn-OG62

ALS Canada Ltd.

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

CERTIFICATE WH14096679

Project: KLAZA

P.O. No.: BATCH 24

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-32	Fine Crushing 90% <2mm
PUL-35a	Pulv 1 kg split to 95%<106 um
BAG-01	Bulk Master for Storage
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

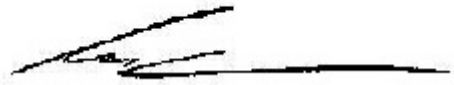
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096679

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q016737		1.94	>10.0	13.05	>100	1.85	>10000	150	0.47	9.68	1.82	465	23.1	13.9	5	1.72
Q016738		3.74	0.558		8.84	6.36	447	630	1.20	4.67	1.54	12.85	41.5	31.6	14	11.00
Q016739		0.82	>10.0	67.4	>100	0.49	>10000	60	0.10	767	0.48	349	6.51	136.0	10	0.51
Q016740		3.34	0.375		11.60	6.30	389	530	1.04	12.25	1.55	4.32	61.4	183.0	12	10.00
Q016741		6.42	0.359		38.0	7.13	431	600	1.32	22.2	1.31	73.0	52.8	8.1	12	14.75
Q016742		5.39	0.901		69.6	5.47	867	360	0.93	69.5	1.36	335	32.3	5.6	13	9.13
Q016743		2.35	1.580		29.5	5.75	1665	310	1.06	27.4	0.68	93.4	33.8	5.3	13	9.59
Q016744		0.10	>10.0	13.75	>100	4.47	163.0	660	0.43	2.08	2.10	821	19.05	53.7	47	1.37
Q016745		4.66	>10.0	26.8	>100	0.73	8930	80	0.18	287	0.77	443	27.2	9.2	18	1.12
Q016746		5.66	0.013		0.38	0.08	5.1	20	0.10	0.30	21.1	0.54	1.59	0.6	<1	0.27
Q016747		3.63	1.175		11.70	5.85	1125	250	1.05	2.94	0.42	105.5	28.1	7.2	13	11.95
Q016748		5.86	0.467		7.13	6.45	756	1400	1.56	1.09	1.94	20.2	39.9	8.6	11	21.3
Q016749		4.60	0.007		0.14	6.99	41.3	860	1.69	0.12	2.18	0.63	76.9	9.2	29	35.5
Q016750		4.11	0.153		4.29	6.70	364	1120	1.43	0.19	2.06	5.45	51.2	7.7	8	22.6
Q016751		4.82	6.95		26.0	4.22	6090	220	1.07	0.31	1.81	17.45	27.6	6.5	12	17.60
Q016752		<0.02	6.94		25.9	4.13	6000	270	1.08	0.29	1.79	17.60	27.9	6.7	12	17.20
Q016753		5.41	1.610		4.46	6.61	3090	910	1.46	0.32	2.47	6.94	44.8	7.4	11	19.20
Q016754		4.58	>10.0	29.3	36.8	2.94	>10000	210	0.54	0.32	2.27	251	16.75	4.0	13	5.32
Q016755		5.83	0.356		1.40	7.05	417	1290	1.46	0.14	2.54	0.80	47.1	7.9	11	25.0
Q016756		3.24	0.013		0.27	7.72	99.8	880	1.79	0.22	2.08	0.21	67.3	7.0	12	26.8
Q016757		4.11	0.156		8.29	6.04	524	710	1.26	0.97	2.46	40.0	44.6	6.7	11	15.00
Q016758		1.71	0.152		4.56	5.84	250	410	1.62	1.39	3.11	6.38	48.7	16.0	10	20.4
Q016759		0.25	4.48		>100	5.19	7510	1090	1.10	52.6	1.88	209	33.5	9.2	17	11.80
Q016760		5.87	>10.0	15.95	>100	0.63	8570	410	0.13	70.4	0.79	71.3	13.90	296	17	0.64
Q016761		5.03	<0.005		0.04	0.05	2.4	10	0.06	0.05	21.5	0.09	1.16	0.7	<1	0.13
Q016762		4.23	0.122		2.80	5.69	248	1010	1.26	1.70	1.44	5.90	37.6	10.6	11	9.81
Q016763		2.04	4.06		>100	1.26	>10000	80	0.46	9.17	4.51	675	11.95	7.6	6	3.68
Q016764		2.39	0.013		1.06	6.61	47.9	3580	1.59	0.34	3.12	0.96	46.4	15.3	12	14.60
Q016765		0.85	4.31		>100	1.21	757	80	0.34	295	1.72	44.0	36.5	370	17	1.31
Q016766		0.44	1.775		>100	1.18	4410	110	0.35	20.0	0.45	785	41.4	4.3	8	2.07
Q016767		1.57	0.184		26.0	5.79	355	380	1.24	1.67	0.47	8.35	41.3	7.3	12	13.05
Q016768		1.25	3.34		>100	0.43	1965	50	0.23	6.45	0.32	470	0.33	3.4	8	1.46
Q016769		2.28	>10.0	31.0	>100	1.93	>10000	150	0.31	186.0	0.81	519	14.60	13.3	17	1.69
Q016770		3.51	>10.0	64.9	>100	0.42	>10000	140	0.20	982	0.24	474	7.45	30.1	10	0.71
Q016771		<0.02	>10.0	72.0	>100	0.38	>10000	90	0.14	960	0.25	502	7.04	28.9	11	0.68
Q016772		5.00	0.167		4.94	7.49	795	890	1.49	5.98	0.61	141.5	53.2	8.6	13	17.85

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096679

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q016737		1020	16.60	8.97	0.52	0.3	4.31	0.85	14.1	5.1	0.76	51000	2.82	0.01	2.5	1.7
Q016738		124.5	4.97	15.30	0.17	1.1	0.169	3.05	21.9	20.4	0.56	2810	1.41	0.04	7.2	3.5
Q016739		9000	26.2	2.09	0.71	0.1	7.97	0.22	3.8	4.3	0.16	4320	4.18	<0.01	1.3	2.3
Q016740		45.0	8.20	15.20	0.28	1.0	0.168	2.69	33.8	23.0	0.89	4020	1.11	0.04	6.8	4.6
Q016741		145.5	4.76	17.45	0.18	1.2	0.676	3.25	29.2	11.0	0.55	9420	3.53	0.05	8.1	3.2
Q016742		560	4.63	14.50	0.13	0.9	2.63	2.49	17.6	8.7	0.52	9170	11.45	0.02	5.6	2.8
Q016743		262	4.32	15.60	0.13	0.9	1.085	2.52	17.6	10.9	0.32	16950	5.20	0.02	6.1	2.7
Q016744		>10000	9.23	14.60	0.28	0.6	2.76	0.82	9.9	5.3	0.82	1670	158.5	1.10	2.3	18.9
Q016745		8740	14.15	5.44	0.32	0.1	7.24	0.31	17.3	12.3	0.26	40900	21.0	0.01	1.0	2.2
Q016746		9.2	0.47	0.25	0.07	<0.1	0.016	0.03	0.8	1.3	13.35	215	0.98	0.01	0.2	2.6
Q016747		221	5.22	15.70	0.15	1.1	1.790	2.99	14.3	7.4	0.25	15300	1.99	0.02	6.6	3.0
Q016748		50.6	3.86	17.35	0.13	1.4	0.166	2.78	20.1	31.5	0.71	4550	6.54	0.04	7.9	4.2
Q016749		20.9	3.25	18.25	0.15	4.3	0.047	2.13	37.8	90.3	1.07	1370	1.10	0.04	11.2	11.6
Q016750		65.9	3.08	16.25	0.12	1.2	0.061	2.43	28.9	46.9	0.72	3070	5.97	0.02	7.2	3.8
Q016751		101.5	3.84	10.50	0.10	0.8	0.070	1.66	14.6	31.6	0.63	3760	78.0	0.02	4.8	4.5
Q016752		103.5	3.72	10.75	0.11	0.8	0.066	1.62	15.3	31.0	0.62	3750	78.6	0.02	4.6	4.6
Q016753		27.1	3.55	17.10	0.13	1.1	0.091	2.94	24.7	15.4	0.87	6400	4.79	0.02	7.3	3.2
Q016754		150.5	7.56	9.11	0.17	0.5	0.161	1.33	8.6	19.5	0.72	24600	28.3	0.01	3.1	2.9
Q016755		31.8	3.02	15.90	0.13	1.2	0.054	2.39	22.2	62.5	0.82	2390	3.62	0.03	7.5	3.0
Q016756		14.7	2.21	19.30	0.14	2.6	0.048	2.11	32.2	47.0	0.75	1160	1.98	0.03	11.9	4.3
Q016757		220	3.33	15.55	0.13	1.2	0.184	2.63	24.7	14.5	0.84	7280	2.85	0.02	6.8	3.0
Q016758		48.5	3.88	15.55	0.12	1.7	0.154	2.19	25.8	23.9	1.03	3570	1.95	0.03	7.8	4.5
Q016759		1220	7.58	12.80	0.19	1.1	4.23	2.17	18.5	29.7	0.61	2890	15.50	0.08	5.5	14.0
Q016760		2270	29.4	3.61	0.77	0.1	4.05	0.28	8.1	9.5	0.17	15250	2.44	0.01	1.5	4.0
Q016761		3.5	0.50	0.17	0.09	<0.1	0.012	0.02	0.6	1.1	13.65	207	0.61	<0.01	0.1	2.8
Q016762		29.9	4.45	14.70	0.17	0.9	0.136	2.66	20.0	18.3	0.35	1940	1.08	0.02	6.4	3.4
Q016763		2040	10.15	5.10	0.23	0.3	1.740	0.56	6.1	19.8	0.68	11450	9.49	0.01	1.5	3.1
Q016764		10.3	3.28	16.05	0.09	1.1	0.093	2.63	25.8	25.4	1.12	1800	1.01	0.05	6.9	3.1
Q016765		247	18.50	3.68	0.11	0.1	1.095	0.46	20.6	16.3	0.80	7190	1.71	0.01	0.7	5.5
Q016766		1100	16.45	4.06	0.11	0.2	9.72	0.53	23.2	9.2	0.48	57900	37.9	0.01	1.0	1.8
Q016767		130.0	3.61	12.85	0.13	0.8	0.185	2.65	22.5	21.0	0.30	1460	11.60	0.02	5.4	3.6
Q016768		551	5.60	2.22	0.05	<0.1	2.54	0.14	<0.5	18.6	0.18	18250	7.02	0.01	0.3	1.6
Q016769		3440	18.30	6.14	0.09	0.2	3.76	0.93	7.6	7.9	0.32	11000	2.82	0.01	1.6	1.9
Q016770		>10000	23.3	2.02	0.11	0.1	13.55	0.18	4.3	8.4	0.13	20200	33.3	<0.01	0.3	2.0
Q016771		>10000	23.4	1.92	0.12	0.1	13.85	0.16	4.1	8.0	0.13	19350	34.0	<0.01	0.3	2.3
Q016772		593	4.23	16.75	0.12	1.1	0.215	2.31	28.2	72.5	0.39	5350	1.96	0.03	6.8	2.9

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096679

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q016737		140	>10000	50.3	<0.002	8.58	613	2.8	4	10.7	29.8	0.19	0.75	3.7	0.064	0.83
Q016738		500	419	160.0	<0.002	3.53	38.6	9.0	2	6.1	66.5	0.66	0.65	11.8	0.233	2.56
Q016739		10	9140	13.3	0.005	>10.0	197.0	0.6	9	14.2	6.4	<0.05	30.5	0.8	0.011	0.32
Q016740		460	283	159.5	0.002	5.05	10.10	9.3	3	4.7	60.2	0.55	5.97	11.6	0.211	2.24
Q016741		550	8010	201	<0.002	3.16	77.6	12.3	2	6.7	48.0	0.70	0.11	14.6	0.254	2.96
Q016742		410	>10000	143.5	<0.002	5.90	151.5	8.4	4	15.0	21.0	0.46	0.23	9.8	0.198	2.20
Q016743		420	5840	145.0	<0.002	4.32	223	9.3	2	6.6	22.7	0.49	0.12	9.9	0.210	2.69
Q016744		550	>10000	26.6	0.068	>10.0	172.5	10.8	17	17.4	223	0.16	0.53	2.2	0.175	7.44
Q016745		50	>10000	20.0	0.002	>10.0	4320	1.1	5	12.9	9.3	0.06	2.20	1.0	0.019	0.81
Q016746		190	35.0	1.8	<0.002	0.01	2.46	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02
Q016747		450	1450	173.0	<0.002	5.22	166.0	8.5	2	3.9	13.4	0.57	<0.05	9.1	0.221	2.79
Q016748		600	397	143.0	<0.002	1.67	54.5	10.8	1	2.7	100.5	0.64	<0.05	10.5	0.247	2.77
Q016749		1620	15.4	83.8	<0.002	0.05	34.0	7.8	1	1.5	650	0.76	<0.05	8.5	0.418	2.32
Q016750		520	173.5	154.0	<0.002	1.52	41.7	11.2	1	3.4	144.5	0.63	<0.05	13.1	0.230	2.26
Q016751		340	793	116.5	0.009	2.86	198.0	7.1	1	3.2	161.0	0.37	<0.05	7.5	0.163	2.32
Q016752		330	770	114.5	0.009	2.79	207	7.2	1	3.3	159.5	0.37	<0.05	7.3	0.158	2.24
Q016753		510	253	202	<0.002	1.61	53.8	12.1	1	2.7	99.8	0.57	<0.05	12.0	0.242	3.16
Q016754		190	1300	98.9	0.002	5.24	551	4.4	2	7.1	36.4	0.25	<0.05	4.8	0.100	1.71
Q016755		620	36.2	114.0	<0.002	0.58	28.6	10.8	1	1.7	126.5	0.62	<0.05	12.3	0.274	2.32
Q016756		940	18.0	79.2	<0.002	0.18	15.05	7.2	1	2.4	238	0.87	<0.05	11.4	0.296	2.19
Q016757		450	320	189.0	0.002	1.91	70.9	9.9	2	2.9	81.5	0.57	0.06	11.6	0.205	2.37
Q016758		600	352	129.0	<0.002	2.36	34.2	7.1	1	3.7	191.0	0.56	0.21	8.6	0.212	2.46
Q016759		420	9130	125.0	<0.002	6.72	204	7.5	2	8.4	119.5	0.44	0.44	8.7	0.178	2.14
Q016760		20	4940	18.1	0.007	>10.0	346	1.0	7	25.5	22.6	<0.05	12.45	0.8	0.016	0.31
Q016761		200	2.9	0.9	<0.002	0.03	0.25	0.1	1	<0.2	47.3	<0.05	<0.05	<0.2	<0.005	<0.02
Q016762		450	326	169.5	<0.002	3.99	26.9	9.7	1	8.4	59.3	0.51	0.05	9.5	0.202	2.10
Q016763		80	>10000	34.7	0.008	9.51	1405	2.2	4	25.1	131.5	0.17	0.11	3.0	0.033	0.54
Q016764		480	112.5	160.0	<0.002	0.36	10.95	10.5	1	2.0	148.5	0.66	<0.05	13.3	0.217	2.23
Q016765		60	3100	26.5	0.007	>10.0	35.6	1.5	6	2.0	95.5	0.05	29.7	1.4	0.027	0.48
Q016766		90	>10000	37.7	0.011	8.72	817	2.4	2	4.6	43.7	0.08	0.26	2.2	0.036	1.29
Q016767		440	1615	161.0	<0.002	3.20	124.0	8.7	<1	7.5	74.8	0.47	0.05	10.5	0.209	1.95
Q016768		20	>10000	9.7	0.002	4.66	346	0.6	1	6.8	309	<0.05	0.15	<0.2	0.011	0.52
Q016769		130	>10000	59.4	<0.002	>10.0	1140	2.7	2	13.1	17.1	0.14	2.77	3.0	0.061	1.11
Q016770		30	>10000	11.1	0.009	>10.0	1755	0.7	3	12.6	6.8	<0.05	7.93	0.7	0.011	1.66
Q016771		20	>10000	9.9	0.007	>10.0	1735	0.6	3	13.4	5.9	<0.05	8.12	0.6	0.009	1.69
Q016772		550	658	134.5	<0.002	1.30	47.7	11.5	1	3.3	162.5	0.55	<0.05	11.7	0.268	2.00

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096679

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q016737		2.8	18	3.8	11.2	>10000	9.2	310		1.430	4.08	2.42
Q016738		4.8	64	4.5	11.5	1330	30.1					
Q016739		0.2	7	1.7	1.2	>10000	1.7	320			5.00	1.885
Q016740		3.2	61	6.7	12.5	501	25.1					
Q016741		6.8	74	5.5	14.4	9060	33.5					
Q016742		4.0	56	5.7	8.1	>10000	25.1			1.330	3.84	
Q016743		2.9	58	6.8	10.0	>10000	26.1				1.160	
Q016744		2.4	121	8.3	12.1	>10000	13.2	128	2.71	2.43	15.05	
Q016745		2.4	8	2.5	18.8	>10000	3.6	705		4.45	4.93	
Q016746		0.8	2	0.1	0.9	65	<0.5					
Q016747		3.0	61	6.9	7.1	>10000	30.2				1.215	
Q016748		4.0	68	4.5	11.4	1920	43.7					
Q016749		4.7	79	3.2	13.3	220	170.5					
Q016750		7.3	66	4.2	13.9	473	34.5					
Q016751		11.0	46	5.1	7.3	1490	25.6					
Q016752		10.7	45	5.0	7.3	1470	25.9					
Q016753		5.0	66	5.6	12.8	543	29.3					
Q016754		6.1	33	4.0	6.1	>10000	13.7				1.875	3.44
Q016755		7.0	76	4.1	14.2	94	28.6					
Q016756		10.1	61	3.7	14.0	77	84.2					
Q016757		5.6	59	3.4	11.9	4310	35.4					
Q016758		5.4	48	4.8	10.3	575	61.8					
Q016759		5.2	49	4.3	9.1	>10000	34.9	119			1.620	
Q016760		1.5	8	2.0	9.3	4280	2.4	123				
Q016761		0.7	1	0.1	0.8	19	<0.5					
Q016762		6.0	55	4.1	9.6	506	24.5					
Q016763		14.9	17	1.2	5.7	>10000	6.8	946		12.40	4.93	1.515
Q016764		5.9	63	2.2	14.8	113	29.0					
Q016765		1.7	14	0.4	4.7	3790	2.8	148				
Q016766		7.6	19	1.2	17.0	>10000	4.0	173		2.89	9.58	
Q016767		15.4	61	3.8	8.6	864	20.1					
Q016768		11.5	5	0.7	4.0	>10000	1.3	115		1.165	3.85	
Q016769		1.1	19	5.1	3.1	>10000	5.4	310		1.445	3.58	8.60
Q016770		10.1	7	0.9	8.6	>10000	2.1	725	1.040	5.12	5.87	2.30
Q016771		9.6	6	0.9	8.0	>10000	1.8	728	1.080	4.89	6.52	2.54
Q016772		5.0	73	4.9	12.6	7770	27.5					

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14096679

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21
LOG-21d	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

ALS Canada Ltd.

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

CERTIFICATE WH14098561

Project: KLAZA

P.O. No.: Batch 65

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

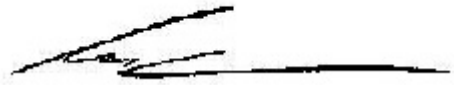
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098561

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q925529		2.85	<0.005		0.13	6.53	10.3	3110	1.55	0.32	2.75	0.59	39.5	4.6	11	24.0
Q925530		1.16	0.071		2.04	6.04	145.5	1620	1.60	0.45	2.99	8.28	44.4	8.3	9	24.6
Q925531		9.37	0.011		0.55	6.46	37.3	1740	1.46	0.78	2.79	0.63	38.8	12.2	10	17.10
Q925532		<0.02	0.014		0.57	6.61	35.2	1790	1.48	0.83	2.82	0.62	42.4	13.2	11	17.60
Q925533		0.50	0.018		1.27	3.61	28.8	750	1.09	0.47	7.56	1.46	30.1	4.8	5	14.55
Q925534		5.60	<0.005		0.12	6.55	19.9	1960	1.44	0.21	2.73	0.20	48.6	5.2	8	23.6
Q925535		5.71	0.010		4.54	7.11	39.4	2540	1.69	0.42	2.89	12.65	60.8	4.3	8	16.05
Q925536		2.27	0.045		2.99	6.02	253	1870	1.31	0.28	2.38	33.2	44.8	5.4	6	21.7
Q925537		0.25	1.700		37.7	5.67	2470	590	1.11	36.9	1.61	44.7	37.5	15.2	21	9.83
Q925538		4.37	0.105		2.78	6.79	182.5	1220	1.25	1.12	2.49	4.22	48.9	8.4	8	14.70
Q925539		0.63	0.955		90.6	5.05	4760	330	0.87	4.06	1.36	461	39.0	4.5	4	11.10
Q925540		1.79	0.018		1.10	8.36	142.5	610	1.36	0.66	3.33	3.59	44.4	6.1	5	13.25
Q925541		7.23	0.011		0.48	7.28	52.4	2190	1.31	0.25	2.49	0.51	48.1	6.6	9	18.65
Q925542		4.19	0.144		4.21	6.91	544	3020	1.30	0.26	2.08	27.9	48.9	6.5	9	18.75
Q925543		7.24	<0.005		0.19	7.38	17.4	2130	1.39	0.18	2.51	0.29	47.6	5.8	11	17.90
Q925544		2.82	<0.005		0.23	7.39	13.2	2110	1.35	0.21	2.51	0.23	47.0	5.8	13	19.20
Q925545		2.22	0.009		0.98	6.88	56.9	1330	1.37	0.21	2.16	6.57	38.1	5.6	9	19.45
Q925546		1.86	>10.0	11.85	56.4	5.66	>10000	180	1.08	0.20	1.46	385	34.1	5.5	7	20.7
Q925547		4.01	0.005		0.06	0.08	9.1	30	<0.05	0.04	19.45	0.22	1.18	0.6	<1	0.35
Q925548		4.22	<0.005		0.12	7.33	9.4	2110	1.36	0.22	2.34	0.23	45.3	5.3	9	16.30
Q925549		1.30	0.237		3.50	6.76	339	2280	1.16	0.18	2.36	2.11	43.5	5.9	7	23.6
Q925550		6.12	<0.005		0.07	6.81	8.5	2020	1.34	0.14	2.73	0.11	43.3	5.8	10	18.30
Q925551		5.74	0.008		0.24	7.02	18.6	2030	1.09	0.17	2.22	0.27	54.9	6.4	9	13.15
Q925552		3.90	0.005		0.14	6.88	12.1	2250	1.51	0.26	2.39	0.24	41.4	6.6	11	15.00
Q925553		4.23	0.006		0.16	6.80	10.2	1960	1.29	0.28	2.86	0.17	44.4	6.8	9	20.8
Q925554		4.18	0.199		2.31	6.78	556	1430	1.32	0.30	2.82	16.10	47.1	5.5	7	22.6
Q925555		3.95	0.017		1.35	7.89	120.0	1540	1.54	4.04	0.34	2.48	52.3	7.7	9	22.0
Q925556		4.12	0.008		0.82	7.76	87.2	1960	1.63	0.87	0.88	2.90	52.3	7.5	9	22.9
Q925557		6.46	0.020		1.47	8.06	125.0	2110	1.57	0.91	0.81	2.97	52.1	8.2	9	24.9
Q925558		3.76	0.009		1.27	8.01	103.0	1930	1.98	0.50	0.76	2.46	54.5	8.4	9	24.5
Q925559		2.83	0.008		0.81	8.39	105.5	1880	2.20	1.00	0.32	2.11	56.4	7.3	8	32.3
Q925560		6.86	<0.005		0.12	6.98	14.1	2360	1.69	0.37	2.25	0.08	42.2	4.7	10	13.55
Q925561		0.24	0.342		4.69	6.80	612	410	1.57	3.11	2.04	11.40	50.5	13.0	25	13.95
Q925562		3.18	0.016		0.66	6.78	41.1	2170	1.58	0.53	2.17	0.15	43.7	9.4	6	20.5
Q925563		3.96	<0.005		0.01	0.10	0.6	90	0.07	0.01	19.95	0.06	1.25	0.8	<1	0.31
Q925564		2.49	<0.005		0.10	7.45	10.4	1880	1.60	0.64	1.49	0.08	52.9	5.7	9	13.40

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q925529		16.9	2.85	14.40	0.21	1.1	0.049	2.67	19.3	24.1	0.74	809	1.19	1.90	7.3	2.9
Q925530		28.3	2.84	13.40	0.19	1.3	0.055	2.58	23.5	33.6	0.87	1660	1.66	0.47	6.4	6.9
Q925531		34.9	2.83	14.30	0.15	1.2	0.054	2.67	19.5	20.9	0.76	873	1.92	1.34	7.3	3.5
Q925532		32.6	2.91	14.50	0.16	1.2	0.053	2.71	21.8	21.5	0.77	888	1.90	1.34	7.5	3.4
Q925533		11.8	3.04	7.04	0.12	0.9	0.038	1.23	17.6	40.4	2.77	1870	1.44	0.03	3.5	2.0
Q925534		8.8	2.39	13.75	0.16	1.3	0.046	2.13	26.1	66.8	0.96	723	1.24	0.04	7.0	2.5
Q925535		70.1	3.02	13.95	0.18	1.1	0.100	3.03	35.4	19.8	1.05	1740	1.23	0.04	6.6	2.4
Q925536		37.7	2.37	12.60	0.14	1.0	0.083	1.66	25.4	53.3	0.82	1290	6.58	0.02	6.3	1.9
Q925537		1180	8.46	13.05	0.12	0.8	1.580	2.47	19.6	17.2	0.65	2200	16.20	0.06	4.7	13.8
Q925538		20.3	3.17	14.40	0.12	1.1	0.058	2.56	27.1	31.4	0.84	2140	3.18	0.03	6.8	2.4
Q925539		453	6.69	11.90	0.12	1.2	1.545	2.18	20.2	18.5	0.51	12100	14.85	0.04	3.5	3.4
Q925540		11.4	6.28	19.40	0.14	1.9	0.168	3.20	21.7	19.7	1.45	2740	2.42	0.03	4.8	3.4
Q925541		27.3	3.08	14.85	0.14	1.2	0.050	3.08	24.9	26.9	0.77	1450	1.78	0.74	7.6	2.5
Q925542		30.4	3.18	14.35	0.13	1.2	0.054	3.00	26.3	36.1	0.77	2140	2.94	0.08	7.3	2.6
Q925543		10.3	2.75	15.25	0.16	1.1	0.042	2.89	24.8	20.3	0.67	808	1.91	1.67	7.7	2.3
Q925544		11.7	2.82	15.30	0.16	1.2	0.047	3.03	24.5	22.3	0.66	958	2.00	1.51	7.7	2.4
Q925545		13.7	2.63	14.85	0.13	1.3	0.038	2.88	18.2	33.7	0.60	1130	2.41	0.60	7.9	2.0
Q925546		252	6.37	13.40	0.12	0.9	1.370	2.36	17.3	12.9	0.43	6220	2.41	0.02	5.7	2.1
Q925547		2.1	0.46	0.21	0.17	<0.1	0.006	0.03	0.6	1.0	12.30	211	0.11	0.01	0.1	1.6
Q925548		13.8	2.74	14.40	0.20	1.1	0.036	2.78	23.4	25.8	0.63	582	2.71	1.63	7.5	2.3
Q925549		19.3	2.65	14.15	0.17	1.2	0.035	2.85	21.7	54.3	0.64	2030	3.03	0.21	7.5	2.0
Q925550		9.2	2.57	14.15	0.18	1.2	0.038	2.61	22.1	28.4	0.75	556	30.3	1.79	7.5	2.2
Q925551		18.2	2.67	14.35	0.16	1.3	0.043	2.67	29.6	36.6	0.68	581	2.56	0.69	8.3	2.5
Q925552		23.0	2.71	15.40	0.15	1.1	0.045	2.68	20.5	19.4	0.66	590	2.33	1.82	8.1	2.4
Q925553		26.0	2.61	14.25	0.16	1.1	0.043	2.64	22.8	28.4	0.70	717	2.71	1.14	7.4	2.5
Q925554		28.4	2.67	13.50	0.16	1.0	0.068	2.59	26.5	35.7	0.87	2280	1.73	0.03	6.8	2.6
Q925555		86.1	3.27	16.40	0.16	1.3	0.090	3.40	30.7	41.8	0.26	1280	4.83	0.61	7.6	2.3
Q925556		37.8	3.16	16.50	0.14	1.3	0.048	2.86	28.8	22.2	0.25	1220	3.96	1.51	8.0	3.4
Q925557		43.8	3.32	16.85	0.14	1.4	0.052	3.01	27.3	21.8	0.20	1180	4.47	1.68	8.0	3.9
Q925558		13.9	3.11	18.30	0.13	1.4	0.050	3.09	28.9	23.0	0.20	981	3.66	1.60	8.8	3.7
Q925559		15.2	2.86	18.85	0.16	1.6	0.058	3.37	31.7	51.4	0.30	1250	4.04	0.50	9.0	2.8
Q925560		3.5	3.15	16.50	0.14	1.2	0.156	2.87	21.5	16.7	0.54	684	0.80	1.26	7.8	2.3
Q925561		324	4.99	16.35	0.13	1.2	0.313	2.92	29.1	25.4	0.78	1840	15.35	0.15	6.5	15.1
Q925562		5.8	3.36	15.40	0.15	1.1	0.132	2.98	23.8	24.7	0.71	1790	2.12	0.03	7.2	2.3
Q925563		1.8	0.49	0.35	0.08	<0.1	0.005	0.04	0.6	1.2	12.65	213	0.15	0.01	0.2	1.5
Q925564		5.2	3.23	17.00	0.15	1.3	0.145	3.16	28.0	39.6	0.64	746	1.78	0.15	8.1	2.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q925529		550	22.8	99.9	<0.002	0.07	4.23	10.4	1	2.2	427	0.54	<0.05	11.9	0.231	1.18
Q925530		470	430	118.5	<0.002	0.58	12.70	7.6	<1	2.3	283	0.53	0.05	11.3	0.201	1.75
Q925531		520	39.2	102.0	<0.002	0.44	9.44	10.8	1	2.4	295	0.55	0.10	11.1	0.230	1.58
Q925532		530	41.0	107.0	<0.002	0.48	9.12	10.9	1	2.2	296	0.58	0.12	11.8	0.231	1.62
Q925533		230	85.2	66.8	<0.002	0.36	9.36	5.7	1	1.3	220	0.32	0.06	7.3	0.109	1.06
Q925534		540	15.6	92.9	<0.002	0.25	9.76	12.0	<1	2.4	250	0.59	<0.05	12.6	0.226	1.83
Q925535		540	789	169.0	<0.002	0.49	19.15	10.0	1	2.3	136.5	0.56	<0.05	13.8	0.216	2.49
Q925536		450	216	95.1	<0.002	0.82	21.0	9.5	<1	2.8	256	0.49	<0.05	12.5	0.193	1.68
Q925537		420	1590	147.5	<0.002	7.54	100.5	10.0	1	10.4	62.9	0.37	0.64	9.5	0.159	2.13
Q925538		530	351	136.5	<0.002	1.39	12.85	10.9	1	2.3	161.0	0.56	0.33	13.0	0.222	2.60
Q925539		570	>10000	127.0	0.002	7.44	114.0	8.4	<1	8.3	107.0	0.21	0.18	3.1	0.238	2.33
Q925540		1160	177.5	224	<0.002	1.18	10.75	16.5	1	2.6	107.5	0.29	0.21	3.5	0.391	3.22
Q925541		580	43.1	138.0	<0.002	0.20	10.70	9.7	<1	1.9	249	0.65	0.06	12.9	0.248	2.02
Q925542		540	861	137.5	<0.002	0.96	21.9	10.8	<1	2.5	163.5	0.62	0.05	13.1	0.225	2.22
Q925543		560	27.4	121.5	<0.002	0.12	4.99	13.2	1	1.7	339	0.64	<0.05	12.5	0.241	1.53
Q925544		570	24.8	124.5	<0.002	0.11	6.14	11.4	<1	1.8	319	0.63	<0.05	12.6	0.246	1.72
Q925545		560	213	105.5	<0.002	0.19	8.15	10.9	<1	2.2	207	0.68	<0.05	10.7	0.236	1.87
Q925546		440	4000	121.0	<0.002	6.23	157.0	9.4	1	12.2	86.9	0.48	<0.05	9.0	0.194	2.20
Q925547		180	4.1	1.9	<0.002	<0.01	0.17	0.3	<1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	0.03
Q925548		560	18.1	115.0	<0.002	0.05	5.60	13.9	<1	1.7	328	0.62	<0.05	12.6	0.240	1.24
Q925549		530	134.5	110.5	<0.002	0.52	20.9	11.2	<1	2.3	174.0	0.62	<0.05	11.7	0.224	1.66
Q925550		540	15.2	103.5	0.008	0.04	3.98	11.2	<1	1.7	335	0.61	<0.05	12.0	0.228	1.14
Q925551		590	20.1	122.5	<0.002	0.11	7.58	11.9	1	1.9	206	0.71	<0.05	15.5	0.249	1.23
Q925552		550	18.7	115.5	<0.002	0.06	4.62	11.8	1	2.0	315	0.65	<0.05	12.0	0.230	1.36
Q925553		540	15.9	102.5	<0.002	0.07	8.38	10.2	1	1.8	290	0.60	<0.05	12.6	0.233	1.29
Q925554		510	317	136.5	<0.002	1.31	28.1	10.8	1	2.2	184.0	0.55	<0.05	12.7	0.213	2.10
Q925555		620	99.2	194.0	<0.002	<0.01	6.32	14.1	<1	2.8	96.9	0.60	<0.05	13.7	0.264	2.54
Q925556		720	25.7	141.0	<0.002	<0.01	4.50	17.4	1	2.1	219	0.65	<0.05	14.7	0.277	1.73
Q925557		770	58.9	153.5	<0.002	0.01	5.28	14.8	<1	2.2	223	0.65	<0.05	13.9	0.290	1.75
Q925558		790	26.1	166.0	<0.002	<0.01	5.71	12.6	1	2.1	215	0.71	<0.05	14.9	0.289	2.00
Q925559		800	58.1	192.0	<0.002	0.01	7.28	11.5	<1	2.1	109.5	0.73	<0.05	13.6	0.307	2.38
Q925560		560	8.5	113.5	<0.002	0.07	5.76	10.0	1	2.2	161.0	0.65	<0.05	12.1	0.225	1.96
Q925561		530	476	172.0	0.003	2.74	29.0	9.6	1	5.8	112.0	0.54	0.28	12.1	0.208	2.51
Q925562		520	15.6	135.5	<0.002	1.03	13.25	9.1	1	2.1	69.8	0.63	0.07	12.5	0.224	2.79
Q925563		180	1.5	1.9	<0.002	0.02	0.09	0.2	<1	<0.2	46.0	<0.05	<0.05	<0.2	<0.005	0.02
Q925564		560	9.9	127.0	<0.002	0.16	10.10	10.2	1	2.3	108.5	0.70	0.05	14.7	0.227	2.23

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.001
Q925529		3.2	67	0.8	13.9	72	32.8			
Q925530		4.8	55	1.9	13.0	413	42.6			
Q925531		4.0	64	1.4	13.8	74	34.0			
Q925532		4.1	64	1.4	14.3	79	32.8			
Q925533		10.5	32	1.3	12.6	125	17.8			
Q925534		4.5	60	1.9	14.3	49	41.5			
Q925535		4.7	62	2.2	15.4	794	27.4			
Q925536		7.2	56	3.0	12.6	1810	27.4			
Q925537		5.4	55	7.0	9.2	3190	21.7			
Q925538		5.3	66	5.8	13.4	430	28.6			
Q925539		3.9	75	8.6	10.7	>10000	43.9	1.825	3.38	
Q925540		3.0	150	4.2	17.9	390	60.5			
Q925541		4.6	71	2.5	15.3	74	33.4			
Q925542		3.8	64	4.5	14.3	1640	32.0			
Q925543		4.0	67	1.9	15.5	51	32.3			
Q925544		4.3	68	2.0	15.1	49	33.3			
Q925545		4.3	67	2.6	13.4	401	34.0			
Q925546		4.6	56	3.2	9.4	>10000	23.0		2.32	2.47
Q925547		0.5	2	0.1	0.7	31	<0.5			
Q925548		3.9	67	1.4	14.8	45	31.3			
Q925549		3.5	63	2.6	14.1	171	31.6			
Q925550		4.0	62	1.2	14.2	38	33.1			
Q925551		3.8	67	3.7	15.8	55	34.7			
Q925552		3.7	65	2.6	13.7	55	32.1			
Q925553		4.2	65	2.2	15.1	44	30.2			
Q925554		5.3	59	3.6	13.6	1120	29.1			
Q925555		4.1	78	6.0	16.4	251	39.3			
Q925556		3.4	82	3.5	18.3	210	36.1			
Q925557		3.6	90	3.7	17.9	238	38.3			
Q925558		3.2	81	3.8	17.7	206	40.1			
Q925559		4.3	76	4.1	16.7	219	44.3			
Q925560		3.8	63	1.9	14.4	49	30.9			
Q925561		5.2	65	6.0	12.6	889	33.7			
Q925562		4.0	58	2.0	11.9	61	28.9			
Q925563		0.5	2	0.1	0.8	16	<0.5			
Q925564		4.2	64	1.9	14.3	52	34.3			

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098561

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA24	Au-GRA22	ME-MS61
ME-OG62	Pb-OG62	PUL-31	PUL-31d
PUL-QC	Zn-OG62		

ALS Canada Ltd.

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

CERTIFICATE WH14098562

Project: KLAZA

P.O. No.: Batch 66

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098562

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925246		4.05	0.006	0.33	7.12	30.8	1640	1.34	0.51	3.03	1.62	41.2	12.6	10	18.80	12.8
Q925247		1.67	<0.005	0.21	7.32	28.0	1040	1.51	0.14	2.57	0.24	42.0	8.4	9	29.6	12.1
Q925248		3.74	<0.005	0.01	0.06	0.3	20	0.08	0.03	21.1	0.06	1.18	0.8	1	0.21	2.4
Q925249		5.92	<0.005	0.13	7.09	6.8	1980	0.99	0.21	1.94	0.11	42.9	7.5	8	10.45	11.6
Q925250		4.65	<0.005	0.13	6.86	11.1	1750	1.39	0.18	2.55	0.12	39.8	6.9	9	21.0	13.7
Q925251		4.40	<0.005	0.24	7.18	21.6	1250	1.55	0.20	2.35	0.60	42.6	8.0	9	28.8	10.9
Q925252		4.37	0.008	0.14	7.72	23.3	1900	1.41	0.18	1.60	0.21	42.2	8.5	13	15.15	13.7
Q925253		3.43	0.021	0.34	7.22	54.7	1260	1.50	0.15	2.59	2.38	48.2	7.2	8	23.0	20.6
Q925254		3.67	0.030	1.47	7.12	107.0	840	2.14	0.24	2.94	3.50	62.8	7.0	17	23.6	15.1
Q925255		2.10	<0.005	0.47	5.84	60.7	390	2.21	0.13	4.19	1.39	54.7	7.2	16	22.2	8.7
Q925256		2.82	0.009	0.88	5.58	38.2	1670	1.36	0.16	8.88	6.75	52.0	5.9	9	8.95	11.5
Q925257		12.14	<0.005	0.28	6.95	17.3	1140	1.26	0.11	2.82	4.36	73.2	5.8	12	4.51	17.6
Q925258		8.85	<0.005	0.17	6.62	14.0	410	1.20	0.12	2.55	3.08	64.7	4.7	12	4.94	9.7
Q925259		4.77	<0.005	0.28	5.58	13.8	140	1.12	0.10	2.76	3.04	57.3	3.6	11	7.03	7.0
Q925260		0.25	1.715	36.8	5.33	2450	70	0.97	36.1	1.56	44.2	31.5	15.4	22	9.26	1155
Q925261		4.52	0.123	1.51	5.98	915	270	1.28	0.21	3.93	2.11	45.4	6.7	7	19.00	17.2
Q925262		2.28	0.076	1.90	6.55	393	580	1.34	0.20	3.62	0.97	46.9	6.6	7	15.15	18.1
Q925263		4.25	0.198	5.87	6.50	937	1210	1.30	1.72	1.97	3.97	46.7	9.8	8	18.70	11.1
Q925264		5.33	<0.005	0.10	7.02	8.7	1990	1.41	0.14	2.55	0.13	47.3	7.6	9	9.94	10.8
Q925265		2.54	<0.005	0.12	7.03	16.2	1960	1.43	0.11	2.49	0.26	46.5	7.7	11	12.90	10.6
Q925266		2.41	<0.005	2.96	8.11	46.0	1600	1.54	23.8	0.51	2.79	55.4	10.0	9	12.25	15.0
Q925267		6.24	<0.005	0.25	7.95	34.1	1950	1.53	0.28	1.13	0.80	52.8	7.7	9	13.45	11.7
Q925268		2.72	<0.005	0.12	7.74	6.3	1950	1.46	0.31	1.85	0.34	50.2	8.5	9	11.50	12.3
Q925269		3.94	<0.005	0.18	7.95	64.8	1310	1.84	0.30	0.71	1.27	48.3	10.1	10	19.55	21.8
Q925270		0.24	0.861	12.35	6.60	1570	1260	1.63	13.75	1.84	35.0	49.2	19.4	20	14.50	281
Q925271		7.64	0.013	0.40	8.27	189.0	1720	1.72	0.32	0.27	1.26	49.8	9.7	9	24.5	22.0
Q925272		3.92	0.136	0.78	7.64	305	1400	1.48	0.35	0.52	2.39	49.3	9.2	8	16.30	15.8
Q925273		<0.02	0.061	0.71	7.34	299	1370	1.66	0.36	0.51	2.38	47.7	9.5	7	16.25	15.2
Q925274		8.27	<0.005	0.16	7.98	51.2	2050	1.55	0.21	1.07	0.68	51.4	8.3	8	13.30	15.0
Q925275		8.74	<0.005	0.13	7.82	38.3	1810	1.63	0.17	0.94	0.79	48.4	8.0	8	14.65	11.2
Q925276		9.49	<0.005	0.13	7.83	10.6	2130	1.60	0.13	1.97	0.24	58.3	8.3	8	12.25	9.9
Q925277		10.36	<0.005	0.28	8.00	36.1	1580	1.59	0.27	0.82	0.58	48.2	7.7	8	22.1	10.4
Q925278		7.80	<0.005	0.22	7.97	16.3	2170	1.78	0.17	2.06	0.63	52.1	10.2	8	13.55	16.5
Q925279		9.18	0.010	0.32	8.17	141.0	1280	1.41	0.24	0.39	0.56	51.6	9.2	8	22.2	40.7
Q925280		6.47	0.017	0.95	8.54	288	1250	1.74	0.44	0.25	1.13	50.8	8.5	9	21.7	52.3
Q925281		3.90	<0.005	0.01	0.08	1.1	10	0.06	<0.01	20.7	0.08	1.47	0.8	<1	0.23	2.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098562

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925246		2.77	16.15	0.19	1.3	0.100	2.94	19.7	34.6	0.82	945	1.58	1.02	8.3	2.7	660
Q925247		2.37	17.15	0.23	1.2	0.039	2.54	20.4	70.8	0.70	711	0.51	0.11	8.3	3.5	660
Q925248		0.50	0.30	0.24	<0.1	<0.005	0.02	0.6	1.5	13.70	211	0.74	0.01	0.2	1.8	200
Q925249		2.71	15.95	0.12	1.2	0.039	2.55	21.4	39.2	0.66	613	2.09	0.25	7.6	2.5	600
Q925250		2.95	16.05	0.13	1.1	0.038	2.62	19.5	37.2	0.72	642	2.56	0.86	7.6	2.6	610
Q925251		2.60	16.10	0.10	1.1	0.039	2.62	21.8	55.7	0.79	865	1.43	0.07	7.6	2.5	600
Q925252		3.15	17.90	0.11	1.3	0.057	2.76	20.1	59.7	0.74	966	4.43	0.09	9.0	3.2	670
Q925253		2.93	16.40	0.07	1.1	0.043	2.71	25.5	35.9	0.94	1260	1.85	0.05	7.7	2.9	600
Q925254		2.72	18.30	0.11	3.3	0.071	2.52	34.3	49.9	1.19	884	2.13	0.04	9.8	5.7	1030
Q925255		3.00	15.70	0.09	2.9	0.024	2.12	30.1	38.3	1.51	1830	1.00	0.04	8.3	5.3	850
Q925256		3.63	12.25	<0.05	2.1	0.026	0.83	28.9	90.8	3.32	2420	1.83	0.02	8.0	3.2	700
Q925257		2.37	17.60	0.05	2.5	0.028	0.31	38.7	92.0	0.97	897	1.05	0.02	11.2	2.9	850
Q925258		2.18	15.95	0.08	2.3	0.024	0.39	35.5	96.2	0.86	978	0.83	0.02	10.2	2.6	800
Q925259		2.24	12.75	0.07	1.7	0.024	0.54	31.9	134.0	0.91	1220	0.54	0.02	8.3	2.1	660
Q925260		8.51	13.50	<0.05	0.8	1.470	2.47	15.1	14.6	0.63	2200	13.65	0.06	4.5	13.5	440
Q925261		3.16	13.20	<0.05	1.1	0.074	2.13	25.1	43.9	1.29	3300	2.83	0.02	6.6	2.7	540
Q925262		3.86	14.10	0.05	1.0	0.141	2.82	26.3	17.0	1.14	4130	2.71	0.02	6.4	2.5	590
Q925263		3.65	15.30	0.05	1.0	0.222	2.82	25.4	12.8	0.74	3250	1.52	0.02	6.8	2.4	530
Q925264		3.07	15.85	0.08	1.1	0.057	2.58	23.8	9.3	0.84	846	0.69	1.94	7.7	2.8	600
Q925265		2.96	16.30	0.07	1.2	0.051	2.69	23.2	25.9	0.75	971	0.69	1.74	7.4	3.6	590
Q925266		3.47	17.05	0.06	1.5	0.271	1.72	34.4	15.5	0.24	1080	2.05	2.01	8.7	2.7	700
Q925267		3.19	17.45	0.06	1.3	0.052	2.65	30.6	17.9	0.53	654	1.50	1.65	8.0	2.5	680
Q925268		3.13	17.25	0.06	1.3	0.046	2.49	26.9	10.6	0.76	568	0.64	2.09	7.9	3.1	660
Q925269		3.41	17.75	0.16	1.3	0.067	3.33	28.8	22.4	0.40	1150	4.76	0.72	8.9	4.5	720
Q925270		6.45	16.45	0.16	1.1	0.832	2.92	26.4	20.9	0.77	1800	9.48	0.13	6.9	13.1	530
Q925271		3.42	17.70	0.16	1.2	0.053	3.36	28.6	55.7	0.21	1420	5.33	0.14	8.1	2.7	670
Q925272		3.77	16.65	0.16	1.1	0.112	3.08	29.5	28.7	0.33	2740	9.77	0.46	7.4	3.0	620
Q925273		3.58	16.75	0.17	1.1	0.100	2.99	28.2	28.2	0.32	2630	9.80	0.45	7.4	2.8	580
Q925274		3.20	17.20	0.16	1.2	0.059	2.91	26.1	21.8	0.46	883	3.21	1.60	8.0	2.6	660
Q925275		3.06	16.90	0.17	1.1	0.044	2.90	25.2	13.9	0.36	798	2.42	1.73	7.9	2.5	670
Q925276		3.15	16.55	0.20	1.1	0.042	2.61	30.2	13.0	0.71	701	0.98	2.20	7.9	2.6	670
Q925277		3.31	16.05	0.14	1.0	0.109	3.14	26.5	35.9	0.23	948	2.56	1.00	7.5	2.4	670
Q925278		3.69	18.50	0.19	1.2	0.102	2.86	27.2	17.1	0.78	1120	2.52	1.87	9.2	3.6	670
Q925279		3.29	17.20	0.16	1.2	0.103	2.63	27.9	85.5	0.25	1480	5.13	0.32	8.2	2.6	690
Q925280		4.06	17.75	0.16	1.1	0.180	3.53	28.7	57.9	0.20	2180	8.40	0.06	8.3	2.6	710
Q925281		0.50	0.31	0.33	<0.1	<0.005	0.03	0.7	1.4	13.15	221	0.10	0.01	0.2	1.6	230

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098562

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925246		61.3	114.5	0.003	0.27	5.31	11.2	1	2.2	259	0.65	<0.05	10.5	0.278	1.80	4.0
Q925247		17.0	86.5	0.003	0.20	9.55	11.0	1	2.0	208	0.66	<0.05	10.4	0.275	1.96	6.2
Q925248		1.8	1.2	0.002	<0.01	0.09	0.2	<1	<0.2	55.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q925249		17.3	87.6	<0.002	0.03	18.65	10.0	1	1.7	176.0	0.61	<0.05	12.1	0.266	1.00	3.2
Q925250		17.9	86.6	<0.002	0.04	8.69	10.2	<1	1.7	252	0.62	<0.05	10.6	0.262	1.33	3.1
Q925251		22.9	93.6	<0.002	0.17	12.25	10.4	1	1.9	141.5	0.61	<0.05	11.8	0.268	1.69	4.8
Q925252		23.6	99.5	<0.002	0.17	21.5	13.0	1	2.4	116.5	0.69	<0.05	12.0	0.308	1.43	5.1
Q925253		128.5	110.0	<0.002	0.26	19.30	10.8	<1	2.0	138.5	0.58	<0.05	12.8	0.258	2.32	5.5
Q925254		231	158.5	<0.002	0.49	13.30	7.0	<1	1.7	514	0.66	0.05	10.2	0.291	3.12	5.3
Q925255		25.4	131.0	<0.002	0.19	18.00	6.0	<1	1.2	313	0.54	<0.05	8.4	0.242	2.54	7.5
Q925256		53.5	48.5	0.002	0.18	12.80	4.8	<1	1.2	266	0.52	<0.05	7.9	0.203	0.95	8.5
Q925257		26.2	10.5	<0.002	0.16	10.55	6.0	1	1.5	582	0.75	<0.05	10.9	0.246	0.54	7.6
Q925258		25.5	15.3	0.002	0.15	11.30	5.4	<1	1.3	569	0.66	<0.05	10.0	0.234	0.61	8.3
Q925259		28.1	24.9	<0.002	0.05	18.35	4.7	1	1.3	227	0.50	<0.05	8.8	0.193	0.51	8.9
Q925260		1605	132.5	0.002	7.52	108.0	7.6	1	10.5	59.9	0.36	0.82	8.0	0.160	2.10	5.0
Q925261		99.8	142.5	<0.002	1.30	28.0	8.4	1	1.8	177.0	0.47	<0.05	10.0	0.210	2.36	10.9
Q925262		40.9	196.5	<0.002	1.52	17.70	10.0	1	2.8	122.0	0.47	<0.05	11.1	0.230	2.78	3.8
Q925263		400	162.0	<0.002	1.83	19.95	9.7	<1	3.2	127.5	0.51	1.17	11.9	0.234	2.79	4.5
Q925264		21.3	105.0	<0.002	0.03	2.07	11.3	1	1.6	357	0.60	<0.05	12.4	0.269	1.16	3.8
Q925265		28.8	107.5	<0.002	0.05	3.29	10.7	1	1.6	335	0.58	<0.05	12.4	0.261	1.30	4.1
Q925266		104.5	93.4	<0.002	0.02	11.50	13.0	1	12.3	129.5	0.75	0.42	15.9	0.298	1.28	3.1
Q925267		18.4	132.0	<0.002	<0.01	6.01	12.4	1	2.1	233	0.63	<0.05	14.5	0.292	1.61	2.0
Q925268		16.4	104.0	<0.002	<0.01	4.87	12.2	1	2.0	326	0.64	<0.05	12.8	0.288	1.02	1.6
Q925269		14.1	197.0	<0.002	<0.01	6.62	14.2	1	3.3	109.5	0.70	<0.05	13.9	0.306	2.48	3.7
Q925270		1280	186.0	0.002	4.64	58.6	10.2	2	8.3	102.5	0.55	1.38	12.0	0.211	2.84	5.5
Q925271		34.5	181.5	<0.002	0.01	19.05	13.3	1	2.2	61.4	0.64	<0.05	13.1	0.291	2.51	4.9
Q925272		58.0	195.0	<0.002	0.01	16.75	11.9	1	2.2	112.5	0.58	<0.05	12.5	0.265	2.71	5.4
Q925273		53.9	192.5	<0.002	0.01	16.70	11.8	1	2.2	112.5	0.58	<0.05	11.5	0.257	2.56	5.3
Q925274		18.6	145.0	<0.002	<0.01	5.57	12.8	1	1.8	255	0.65	<0.05	13.6	0.286	1.68	2.4
Q925275		16.3	144.0	<0.002	<0.01	3.90	12.2	1	1.9	248	0.63	<0.05	12.4	0.284	1.65	2.5
Q925276		19.5	115.5	<0.002	<0.01	1.73	12.0	1	1.8	372	0.62	<0.05	13.3	0.290	1.25	1.8
Q925277		41.7	160.0	<0.002	0.02	6.42	11.4	1	2.7	142.0	0.61	<0.05	13.0	0.292	2.00	3.2
Q925278		45.6	139.5	<0.002	<0.01	4.05	14.8	1	2.6	338	0.70	<0.05	14.2	0.315	1.71	2.2
Q925279		20.9	144.0	<0.002	<0.01	17.30	12.7	1	2.1	118.0	0.66	<0.05	14.3	0.293	2.09	4.1
Q925280		60.3	201	<0.002	0.01	27.4	12.8	1	3.2	85.5	0.63	<0.05	14.2	0.302	3.03	5.7
Q925281		1.5	1.8	<0.002	0.01	0.25	0.2	1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098562

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925246		79	2.5	14.3	182	27.6
Q925247		80	3.2	14.2	60	29.1
Q925248		2	0.1	0.8	14	<0.5
Q925249		73	7.8	14.2	57	29.1
Q925250		75	2.7	13.4	55	30.5
Q925251		75	4.6	14.0	93	28.5
Q925252		88	6.5	14.5	65	32.7
Q925253		75	5.0	15.2	252	29.1
Q925254		61	3.1	13.2	418	129.0
Q925255		57	2.8	14.9	224	111.0
Q925256		43	4.9	15.2	814	81.4
Q925257		49	6.3	13.7	459	87.5
Q925258		46	3.3	13.1	373	79.5
Q925259		43	3.0	12.5	382	67.2
Q925260		55	7.2	8.3	3230	22.1
Q925261		60	5.0	14.4	236	31.7
Q925262		69	5.8	13.6	134	26.4
Q925263		66	5.2	10.2	339	25.9
Q925264		78	1.7	16.2	57	28.4
Q925265		74	1.6	14.9	68	29.7
Q925266		89	3.8	19.9	205	36.7
Q925267		84	1.5	16.5	75	34.4
Q925268		84	1.1	17.0	56	33.7
Q925269		93	2.2	18.6	89	35.6
Q925270		62	6.4	12.4	2410	33.6
Q925271		92	2.5	19.4	125	34.3
Q925272		82	3.5	23.3	223	30.3
Q925273		79	3.2	23.2	215	30.4
Q925274		82	1.6	15.6	76	31.7
Q925275		82	1.6	15.6	65	28.2
Q925276		83	0.8	17.1	60	27.6
Q925277		85	2.0	15.9	98	26.2
Q925278		97	1.1	21.3	99	31.3
Q925279		86	4.7	17.3	79	29.7
Q925280		88	5.1	23.6	166	27.0
Q925281		2	0.1	0.9	16	0.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098562

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d

ALS Canada Ltd.

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

CERTIFICATE WH14098563

Project: KLAZA

P.O. No.: Batch 67

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

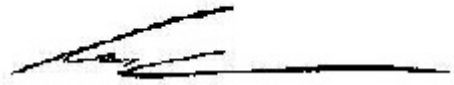
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098563

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925282		6.32	0.052	1.14	7.38	320	1050	1.58	0.28	0.17	2.64	44.0	7.7	8	16.45	19.5
Q925283		8.51	<0.005	0.12	7.89	11.9	2030	1.68	0.13	1.56	0.41	47.5	7.7	8	12.30	9.5
Q925284		2.30	<0.005	0.14	8.22	26.0	1480	1.82	0.14	1.08	0.29	51.9	9.1	9	13.90	42.2
Q925285		5.56	<0.005	0.20	6.27	41.4	1320	1.62	0.63	2.26	0.45	34.0	8.8	7	19.05	24.4
Q925286		10.44	<0.005	0.21	7.95	4.7	2230	1.67	0.20	1.80	0.15	48.8	8.6	10	9.15	32.1
Q925287		2.65	<0.005	0.15	8.00	36.6	1580	1.71	0.11	0.58	0.35	48.6	6.4	9	21.3	24.9
Q925288		4.48	<0.005	0.15	8.16	14.7	2410	1.69	0.14	1.67	0.32	50.0	8.0	9	23.3	34.2
Q925289		4.42	0.007	0.25	6.84	75.6	1570	1.36	0.08	3.18	0.24	45.5	6.8	30	25.8	9.7
Q925290		4.06	<0.005	0.09	0.08	<0.2	30	0.07	<0.01	19.90	0.06	1.14	0.8	1	0.17	2.1
Q925291		0.88	0.035	6.28	6.25	244	840	2.24	2.72	3.28	1.86	46.8	10.6	5	47.0	13.0
Q925292		4.61	<0.005	0.08	6.77	6.0	1630	1.17	0.10	3.54	0.13	40.0	6.9	9	20.9	5.7
Q925293		2.59	<0.005	0.06	7.14	4.2	1880	1.46	0.09	2.99	0.08	42.1	7.1	8	10.90	5.5
Q925294		8.80	<0.005	0.07	6.99	6.7	2130	1.41	0.11	2.63	0.08	38.8	8.5	9	15.75	7.8
Q925295		<0.02	<0.005	0.06	7.09	7.0	2100	1.48	0.11	2.65	0.07	39.3	8.8	9	16.20	7.4
Q925296		9.47	<0.005	0.09	7.22	15.3	1720	1.39	0.07	2.48	0.05	46.1	7.7	9	13.70	4.4
Q925297		0.24	0.853	10.95	6.32	1280	440	1.37	10.15	1.75	30.8	43.1	16.2	18	12.75	278
Q925298		9.70	0.011	0.24	6.35	68.3	930	1.46	0.13	2.82	0.19	36.9	7.5	9	17.75	3.9
Q925299		3.64	<0.005	0.09	7.08	18.4	1960	1.63	0.14	2.31	0.09	41.5	9.2	8	16.90	8.3
Q925300		9.93	<0.005	0.05	7.54	4.2	2170	1.52	0.06	2.52	0.08	46.0	7.7	10	11.15	5.3
Q925301		5.69	0.027	0.71	5.99	242	2300	1.25	0.11	3.15	0.72	43.5	10.9	8	15.15	12.2
Q925302		4.12	<0.005	0.07	6.77	5.1	2470	1.35	0.09	2.63	0.09	36.7	7.9	9	14.20	6.4
Q925303		5.29	0.006	0.52	6.99	69.4	2750	1.46	0.11	2.72	1.70	48.0	8.2	7	16.70	11.4
Q925304		6.82	<0.005	0.12	6.97	11.6	1880	1.57	0.10	2.70	0.14	35.7	8.4	9	20.6	6.5
Q925305		8.83	<0.005	0.10	6.90	10.4	2000	1.47	0.10	2.52	0.16	35.7	7.7	9	20.7	6.1
Q925306		6.08	<0.005	0.06	6.88	4.8	2040	1.57	0.12	2.62	0.14	40.5	8.2	12	16.40	6.7
Q925307		4.28	<0.005	0.19	6.99	4.6	2070	1.75	0.72	3.10	0.26	40.9	8.4	9	13.10	4.3
Q925308		7.37	0.017	1.25	6.43	120.0	1590	1.30	0.14	2.29	0.71	39.2	8.1	10	13.45	47.7
Q925309		5.68	<0.005	0.01	0.08	<0.2	30	0.06	<0.01	19.80	0.05	1.23	0.8	<1	0.17	2.9
Q925310		4.15	<0.005	0.11	7.12	6.2	2160	1.45	0.18	3.27	0.10	41.0	7.9	11	18.25	4.6
Q925311		2.30	<0.005	0.33	7.20	21.7	1500	1.33	0.25	1.71	1.33	35.4	8.8	9	13.00	16.9
Q925312		0.24	1.665	36.6	5.51	2440	690	1.13	34.2	1.56	41.4	35.3	15.4	22	9.31	1180
Q925313		2.89	0.102	41.7	4.95	87.4	380	1.18	3.69	1.82	10.10	32.6	8.4	6	18.80	187.5
Q925314		8.86	<0.005	0.21	7.31	17.7	1510	1.29	0.16	1.31	0.24	38.9	8.1	9	24.6	8.0
Q925315		3.69	<0.005	0.18	7.35	11.4	1650	1.21	0.14	1.07	0.23	32.4	7.5	9	23.2	11.1
Q925316		5.82	<0.005	0.14	7.31	7.9	1370	1.35	0.13	1.17	0.19	37.1	7.8	13	43.5	13.4
Q925317		5.52	<0.005	0.07	7.20	4.9	2210	1.41	0.10	2.26	0.06	39.6	8.0	9	18.70	8.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098563

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925282		3.97	15.45	0.13	1.1	0.167	3.46	23.5	14.9	0.25	3250	10.50	0.03	7.3	2.2	530
Q925283		3.40	16.65	0.13	1.4	0.066	2.80	27.2	15.4	0.62	1100	2.56	1.64	8.0	2.6	650
Q925284		3.21	17.25	0.14	1.1	0.047	2.49	29.9	25.4	0.43	525	2.17	1.32	8.2	2.6	700
Q925285		3.64	16.85	0.10	0.9	0.272	2.28	16.9	35.2	0.27	1580	4.24	0.07	7.3	2.6	580
Q925286		3.30	17.05	0.12	1.0	0.042	2.54	26.4	12.9	0.86	615	0.55	2.14	8.2	2.9	680
Q925287		2.62	16.95	0.13	1.0	0.042	2.47	28.8	42.2	0.19	645	3.02	0.38	8.1	2.2	670
Q925288		3.40	17.55	0.13	1.0	0.039	2.70	25.7	13.6	0.54	686	1.41	1.98	7.9	2.7	790
Q925289		2.79	15.05	0.12	0.9	0.060	2.35	24.9	123.5	0.86	1700	0.68	0.13	6.9	5.5	570
Q925290		0.48	0.30	0.09	<0.1	<0.005	0.03	0.6	1.2	12.75	193	<0.05	0.01	0.1	1.6	180
Q925291		3.20	14.70	0.13	1.1	0.102	2.49	25.7	34.2	0.73	3140	0.55	0.07	6.6	2.7	500
Q925292		2.93	15.50	0.12	1.2	0.045	2.48	20.4	68.4	0.71	954	0.85	0.58	7.7	2.3	590
Q925293		2.91	14.70	0.14	1.1	0.039	2.56	21.8	12.5	0.77	778	0.87	1.64	7.3	2.3	590
Q925294		3.20	15.70	0.12	1.3	0.036	2.46	18.7	20.8	0.84	795	16.00	0.83	7.7	2.8	660
Q925295		3.22	15.70	0.10	1.3	0.041	2.50	19.4	20.9	0.86	826	1.06	0.83	7.9	3.1	690
Q925296		3.08	15.35	0.13	1.2	0.029	2.55	23.9	21.9	0.78	760	0.71	0.95	7.8	2.5	620
Q925297		6.19	14.45	0.13	1.0	0.727	2.72	23.5	17.0	0.74	1690	8.53	0.12	6.1	11.2	510
Q925298		2.89	13.35	0.13	1.1	0.058	2.78	19.9	30.6	0.93	2060	0.62	0.06	6.6	2.3	540
Q925299		3.41	15.80	0.14	1.3	0.051	2.69	19.6	34.8	0.81	948	0.81	1.06	8.3	2.8	660
Q925300		3.07	16.05	0.14	1.3	0.035	2.56	23.2	19.3	0.82	718	1.24	1.83	7.8	2.8	620
Q925301		3.63	13.35	0.14	0.9	0.112	2.71	24.7	34.4	1.11	2930	0.63	0.04	6.1	2.5	500
Q925302		2.99	14.80	0.14	1.1	0.039	2.29	17.9	18.4	0.75	753	1.02	1.22	7.5	2.4	590
Q925303		2.99	15.65	0.15	1.1	0.063	2.81	26.6	45.8	0.94	2650	0.81	0.03	7.1	2.5	550
Q925304		3.06	16.15	0.14	1.1	0.036	2.62	17.6	29.9	0.73	822	0.82	1.46	7.8	2.8	620
Q925305		2.93	15.65	0.13	1.1	0.043	2.63	17.4	23.8	0.70	780	0.71	1.22	7.7	2.5	610
Q925306		3.02	16.45	0.13	1.2	0.034	2.40	19.7	12.5	0.75	698	0.91	1.93	7.9	2.7	600
Q925307		3.09	16.35	0.13	1.1	0.045	2.17	20.8	36.8	0.94	1450	0.33	0.87	7.7	2.6	600
Q925308		3.56	15.10	0.12	1.0	0.086	2.42	20.3	57.4	0.84	2070	0.51	0.06	6.9	2.4	560
Q925309		0.47	0.36	0.08	<0.1	<0.005	0.03	0.6	1.2	12.55	194	0.11	0.01	0.2	1.6	190
Q925310		2.96	15.90	0.17	1.0	0.041	2.56	21.0	15.4	0.84	890	0.64	1.19	7.5	2.5	620
Q925311		3.14	16.55	0.15	1.1	0.108	2.81	16.2	36.1	0.74	1480	0.93	0.08	7.9	4.9	630
Q925312		8.45	13.30	0.12	0.8	1.485	2.46	18.5	15.6	0.65	2130	16.40	0.06	4.5	14.0	430
Q925313		2.91	11.45	0.10	0.7	0.115	1.64	17.0	77.1	0.65	2110	9.47	0.03	5.0	2.5	400
Q925314		3.02	16.40	0.14	1.2	0.040	2.21	18.4	68.3	0.57	983	0.54	0.06	7.8	2.6	650
Q925315		3.06	17.25	0.12	1.1	0.047	2.24	14.1	44.7	0.48	940	0.55	0.06	8.4	2.6	720
Q925316		3.06	16.10	0.14	1.2	0.049	2.25	16.6	123.5	0.45	954	0.81	0.07	7.9	3.3	820
Q925317		3.22	16.30	0.15	1.1	0.039	2.48	18.5	24.3	0.69	521	1.45	0.97	7.6	2.8	630

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098563

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925282		159.0	207	<0.002	0.05	17.45	10.7	<1	2.5	42.7	0.63	<0.05	12.5	0.253	2.84	4.9
Q925283		21.6	132.0	<0.002	0.01	3.92	10.9	1	2.2	290	0.74	<0.05	15.7	0.270	1.46	2.6
Q925284		17.5	122.5	<0.002	0.01	11.40	12.3	1	1.9	217	0.66	<0.05	13.6	0.301	1.43	2.7
Q925285		14.3	99.8	<0.002	0.04	20.6	9.5	1	6.8	72.6	0.57	<0.05	8.2	0.247	1.85	3.5
Q925286		27.2	104.0	<0.002	<0.01	1.63	11.9	1	2.1	372	0.62	<0.05	12.3	0.297	1.13	1.4
Q925287		16.1	120.5	<0.002	0.01	20.6	12.4	<1	2.0	80.6	0.62	<0.05	12.5	0.302	1.72	3.4
Q925288		23.3	118.0	<0.002	<0.01	2.98	11.8	1	2.1	362	0.59	<0.05	11.5	0.304	1.38	1.8
Q925289		22.0	103.0	<0.002	0.25	27.1	10.3	1	1.5	170.0	0.54	<0.05	11.7	0.254	2.15	5.2
Q925290		1.6	1.1	<0.002	0.01	0.12	0.2	<1	<0.2	44.1	<0.05	<0.05	0.2	<0.005	<0.02	1.1
Q925291		200	126.0	<0.002	0.90	28.9	8.6	1	1.9	181.0	0.59	0.13	10.8	0.217	2.00	9.7
Q925292		18.3	87.5	<0.002	0.04	13.10	10.0	<1	1.6	274	0.71	<0.05	11.4	0.268	1.18	4.8
Q925293		18.3	94.8	<0.002	0.02	4.44	9.5	<1	1.5	379	0.68	<0.05	12.1	0.256	1.06	2.5
Q925294		15.7	79.8	0.003	0.05	7.99	10.2	<1	1.6	239	0.72	<0.05	10.4	0.277	1.18	3.5
Q925295		16.2	82.8	<0.002	0.05	8.00	10.7	1	1.7	239	0.72	<0.05	10.8	0.292	1.19	3.6
Q925296		15.0	101.5	<0.002	0.07	5.06	10.5	1	1.6	210	0.68	<0.05	13.0	0.271	1.17	3.7
Q925297		1215	156.5	<0.002	4.54	60.4	8.6	1	7.6	91.2	0.50	1.11	10.9	0.199	2.39	4.8
Q925298		21.9	154.0	<0.002	0.45	12.10	9.0	<1	1.4	102.5	0.58	<0.05	11.1	0.229	1.99	4.7
Q925299		18.9	101.5	<0.002	0.09	8.18	11.0	<1	1.6	261	0.80	<0.05	11.9	0.277	1.69	4.5
Q925300		16.9	94.0	<0.002	0.01	4.17	10.7	1	1.5	365	0.65	<0.05	12.3	0.275	0.99	2.8
Q925301		36.7	182.5	<0.002	0.73	29.8	9.2	1	1.6	122.5	0.49	<0.05	10.6	0.212	2.39	4.6
Q925302		14.5	75.5	<0.002	0.07	5.70	10.4	<1	1.3	303	0.62	<0.05	9.7	0.266	0.93	2.8
Q925303		83.3	177.0	<0.002	0.34	17.90	10.3	<1	1.6	119.5	0.61	<0.05	12.2	0.236	2.21	7.3
Q925304		20.9	88.8	<0.002	0.03	6.83	10.3	<1	1.4	336	0.64	<0.05	10.0	0.268	1.31	3.5
Q925305		23.7	87.4	<0.002	0.06	7.88	10.4	1	1.4	307	0.60	<0.05	10.1	0.280	1.46	3.7
Q925306		19.3	83.2	<0.002	0.01	3.13	10.8	<1	1.4	383	0.65	<0.05	11.2	0.270	0.99	3.3
Q925307		13.3	85.9	<0.002	0.05	4.77	10.4	1	1.5	197.0	0.66	<0.05	10.8	0.267	1.09	2.7
Q925308		122.5	115.5	<0.002	0.60	46.1	10.3	1	2.4	102.5	0.52	<0.05	9.3	0.239	1.66	5.9
Q925309		1.4	1.3	<0.002	0.01	0.13	0.2	<1	<0.2	43.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q925310		14.1	93.9	<0.002	0.08	30.0	10.6	<1	1.4	301	0.59	<0.05	10.2	0.277	1.11	4.0
Q925311		68.5	106.0	<0.002	0.08	14.35	11.8	1	1.9	114.0	0.62	<0.05	9.5	0.285	1.62	4.9
Q925312		1530	148.5	0.002	7.67	95.2	8.0	2	10.5	59.8	0.38	0.68	8.6	0.160	2.08	5.2
Q925313		612	79.0	<0.002	0.70	179.5	8.1	1	2.1	127.0	0.38	<0.05	7.9	0.176	1.82	26.1
Q925314		21.6	91.3	<0.002	0.09	20.0	12.5	1	1.6	116.0	0.59	<0.05	9.8	0.285	1.43	2.9
Q925315		24.6	86.7	<0.002	0.05	22.5	13.2	<1	1.8	98.3	0.61	<0.05	8.8	0.319	1.17	3.4
Q925316		14.8	96.9	<0.002	0.02	32.3	14.1	1	1.7	121.5	0.58	<0.05	8.6	0.325	1.14	2.8
Q925317		17.8	93.7	<0.002	0.01	7.35	11.6	<1	1.6	284	0.57	<0.05	9.7	0.271	1.09	3.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098563

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925282		75	3.9	10.5	340	27.0
Q925283		77	2.4	16.6	84	32.5
Q925284		88	2.8	16.8	65	26.2
Q925285		84	5.1	14.8	123	22.1
Q925286		83	4.3	15.7	66	23.2
Q925287		89	3.2	17.8	51	22.8
Q925288		91	1.6	17.3	65	23.6
Q925289		73	3.9	14.7	79	22.5
Q925290		2	0.1	0.7	15	<0.5
Q925291		69	2.7	16.3	486	25.4
Q925292		78	3.2	15.1	65	31.3
Q925293		73	2.5	14.3	59	28.4
Q925294		83	3.3	13.8	58	32.8
Q925295		85	3.2	13.6	59	30.6
Q925296		77	2.5	13.5	56	30.8
Q925297		60	5.8	10.8	2240	27.4
Q925298		65	2.7	13.1	65	26.0
Q925299		83	2.7	15.7	72	32.8
Q925300		78	1.6	16.8	56	32.1
Q925301		67	2.9	14.4	109	24.7
Q925302		77	1.5	13.5	49	25.2
Q925303		73	2.6	14.6	170	25.7
Q925304		77	2.3	14.6	68	29.0
Q925305		77	2.1	14.4	64	28.8
Q925306		77	1.6	15.4	60	30.2
Q925307		77	1.3	12.6	166	27.0
Q925308		71	4.6	12.3	113	23.0
Q925309		1	0.1	0.8	14	<0.5
Q925310		77	1.7	12.1	73	26.2
Q925311		83	7.4	11.9	201	26.5
Q925312		55	6.8	9.2	3190	21.1
Q925313		57	4.3	11.4	1170	18.7
Q925314		85	3.9	13.5	74	27.9
Q925315		89	5.4	12.4	73	27.8
Q925316		98	5.2	12.6	76	29.4
Q925317		78	1.3	15.3	53	25.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098563

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

CERTIFICATE WH14098564

Project: KLAZA

P.O. No.: Batch 68

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

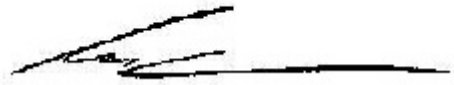
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098564

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925565		5.35	<0.005	0.15	6.92	15.2	1940	1.55	0.44	1.41	0.07	40.3	2.9	8	13.65	5.7
Q925566		2.27	0.139	25.7	6.36	154.5	570	1.54	1.69	1.89	1.98	44.9	6.0	6	18.95	175.5
Q925567		4.38	<0.005	0.04	0.07	1.0	30	0.06	0.01	19.40	0.07	1.07	0.7	<1	0.14	3.1
Q925568		2.66	<0.005	0.19	7.62	12.9	2390	1.25	0.48	1.34	0.12	45.1	4.0	7	15.85	9.6
Q925569		2.43	0.022	1.06	6.53	70.0	2030	1.39	0.47	1.61	0.29	45.8	5.2	6	19.80	19.4
Q925570		3.76	0.006	0.34	7.37	43.3	2050	1.54	0.49	1.52	0.29	37.3	6.9	9	31.0	10.1
Q925571		3.72	0.028	0.66	6.93	88.3	590	1.62	0.68	2.20	0.22	46.9	7.3	6	27.4	11.4
Q925572		4.60	0.012	0.47	7.25	51.3	1450	1.54	0.34	2.71	0.73	47.4	6.3	11	27.8	15.5
Q925573		5.69	<0.005	0.08	6.98	11.9	2170	1.43	0.28	2.87	0.11	47.3	5.2	8	16.50	5.5
Q925574		1.63	0.045	1.89	7.11	445	1140	1.53	0.28	1.70	6.22	42.6	5.9	7	21.7	11.7
Q925575		3.16	<0.005	0.30	7.28	25.5	1260	1.43	0.32	1.94	0.67	44.8	6.4	7	25.4	10.4
Q925576		1.50	<0.005	0.16	7.47	23.7	1200	1.26	0.29	1.98	0.37	43.8	6.7	7	24.5	9.8
Q925577		2.06	0.121	2.50	6.82	385	1130	1.50	0.37	2.33	7.28	46.8	4.0	6	18.80	11.8
Q925578		1.40	0.242	22.6	6.75	1890	1140	1.46	0.31	1.97	60.3	43.8	4.6	6	17.60	57.0
Q925579		6.65	<0.005	0.24	6.89	15.4	2170	1.49	0.30	2.00	0.35	43.9	3.4	8	14.65	7.1
Q925580		1.61	0.090	1.66	6.84	147.0	1400	1.56	0.84	1.72	4.02	48.1	2.4	7	24.8	67.4
Q925581		2.38	0.201	1.97	6.58	146.0	1260	1.60	0.53	1.57	7.15	47.8	5.2	11	23.3	29.8
Q925582		4.19	0.014	0.49	6.63	44.7	770	1.79	0.23	1.96	0.55	47.4	4.9	27	27.4	18.5
Q925583		4.07	0.256	3.45	7.23	173.5	1280	1.75	0.40	1.71	4.60	46.6	4.2	12	20.8	39.4
Q925584		0.23	1.675	37.5	5.75	2480	280	1.11	33.9	1.63	42.3	34.9	15.4	21	9.40	1200
Q925585		5.44	0.008	0.41	6.90	24.8	1690	1.62	0.46	1.71	0.63	41.4	2.0	14	16.20	11.9
Q925586		6.10	0.018	0.58	7.00	38.9	2390	1.53	0.46	1.77	1.71	42.9	2.9	7	11.75	8.3
Q925587		2.53	0.078	3.55	7.05	217	1310	1.61	0.44	1.91	9.68	43.5	3.9	8	12.60	18.2
Q925588		6.22	<0.005	0.13	6.68	16.4	2060	1.49	0.45	1.49	0.10	46.0	2.8	7	12.60	7.0
Q925589		2.56	0.102	5.69	6.61	214	1930	1.54	0.38	1.85	5.61	48.7	2.0	7	15.10	9.3
Q925590		4.52	<0.005	0.03	0.08	<0.2	40	0.07	0.01	20.0	0.07	1.22	0.7	1	0.19	2.0
Q925591		3.12	<0.005	0.30	6.29	19.0	2720	1.36	0.33	1.88	0.48	40.8	2.4	7	11.65	6.5
Q925592		2.47	0.018	1.10	6.89	56.2	2450	1.54	0.43	1.53	2.61	46.8	2.7	10	11.35	8.8
Q925593		5.52	0.014	0.91	6.85	40.9	3480	1.53	0.60	2.34	0.22	42.9	1.9	7	11.25	27.4
Q925594		3.50	0.013	0.63	7.04	73.8	3440	1.54	0.72	2.29	0.67	42.9	11.8	7	11.50	5.3
Q925595		6.19	<0.005	0.14	7.36	10.8	2840	1.54	0.40	1.66	0.10	46.2	2.0	8	9.23	6.1
Q925596		0.23	0.336	4.66	6.60	686	410	1.36	3.34	1.94	10.90	48.3	11.8	25	12.95	304
Q925597		8.28	0.013	0.18	6.63	12.5	2630	1.35	0.38	1.74	0.06	40.3	4.0	7	9.94	1.9
Q925598		5.88	<0.005	0.94	6.93	18.4	2140	1.60	0.49	2.28	0.20	47.1	7.4	6	14.90	2.0
Q925599		<0.02	<0.005	0.28	6.95	16.2	1990	1.52	0.36	2.27	0.18	47.2	6.3	7	14.85	1.9
Q925600		7.67	<0.005	0.37	6.79	47.3	4770	1.53	0.28	2.26	0.27	47.6	3.9	6	13.50	6.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098564

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925565		3.36	15.05	0.14	1.3	0.132	3.01	19.8	24.5	0.62	1120	1.80	0.11	7.4	2.1	530
Q925566		3.51	13.50	0.15	1.0	0.180	2.81	23.4	18.8	0.70	2530	2.81	0.03	6.3	2.9	470
Q925567		0.45	0.30	0.08	<0.1	<0.005	0.02	0.5	0.9	12.25	194	0.68	<0.01	0.1	1.3	200
Q925568		2.78	16.45	0.19	1.3	0.094	3.16	22.1	40.5	0.56	841	0.75	0.08	8.1	1.7	580
Q925569		2.57	13.65	0.16	1.0	0.109	2.97	23.2	25.9	0.63	1260	1.27	0.05	6.6	2.2	500
Q925570		2.68	16.50	0.13	1.3	0.046	3.27	17.7	31.5	0.64	1130	1.21	0.08	7.7	2.6	570
Q925571		2.91	14.55	0.14	1.1	0.045	3.05	24.8	13.5	0.81	2250	1.68	0.03	7.1	2.4	520
Q925572		2.82	15.85	0.15	1.2	0.073	3.05	23.8	31.6	0.72	1420	1.76	0.81	7.9	2.5	590
Q925573		2.51	15.35	0.17	1.1	0.071	2.70	23.9	15.2	0.63	787	0.63	1.84	7.4	2.5	540
Q925574		2.96	15.00	0.15	1.1	0.105	3.31	21.8	28.7	0.61	3650	0.68	0.39	7.3	2.6	540
Q925575		2.90	16.20	0.16	1.4	0.064	3.16	21.6	77.5	0.70	1490	0.69	0.76	8.1	2.4	600
Q925576		3.03	16.30	0.15	1.3	0.050	3.13	21.5	58.5	0.74	1430	0.72	0.73	8.1	2.7	620
Q925577		2.99	14.70	0.16	1.1	0.131	3.13	24.2	26.0	0.75	5570	0.79	0.04	6.9	2.2	520
Q925578		3.07	14.15	0.16	1.2	0.149	3.38	22.5	25.7	0.58	4040	0.70	0.05	6.8	2.2	520
Q925579		2.94	15.05	0.18	1.3	0.118	3.14	21.9	14.3	0.57	845	1.02	1.44	7.4	2.2	530
Q925580		3.45	14.30	0.19	1.0	0.320	3.39	25.3	15.5	0.63	1960	0.52	0.05	6.5	3.3	510
Q925581		3.11	15.45	0.14	1.7	0.176	3.22	24.5	48.5	0.65	1360	1.38	0.07	7.0	8.1	560
Q925582		1.98	17.10	0.17	3.8	0.031	3.11	23.5	139.0	0.69	766	0.89	0.12	8.0	16.6	570
Q925583		2.94	16.00	0.17	2.0	0.120	3.45	23.5	26.6	0.71	1940	0.93	0.59	7.2	7.9	580
Q925584		8.63	13.50	0.14	0.9	1.485	2.53	17.9	15.8	0.67	2170	17.30	0.06	4.5	13.9	430
Q925585		3.19	15.10	0.13	1.0	0.235	2.68	20.2	32.8	0.67	996	0.23	1.71	6.5	2.2	520
Q925586		3.29	15.00	0.13	1.1	0.223	3.05	21.1	18.5	0.56	1000	0.19	1.69	6.2	2.4	550
Q925587		3.12	14.75	0.15	1.2	0.142	2.87	21.9	43.9	0.75	1720	0.68	0.74	6.5	3.5	570
Q925588		2.82	14.15	0.14	1.0	0.123	2.39	23.6	24.2	0.66	804	0.76	1.46	5.7	2.4	530
Q925589		2.96	14.50	0.16	1.0	0.200	2.86	25.2	35.7	0.69	3260	0.79	0.13	5.7	2.4	480
Q925590		0.47	0.43	0.11	<0.1	<0.005	0.04	0.6	1.2	12.60	198	0.07	0.01	0.2	1.5	180
Q925591		2.81	13.40	0.15	1.1	0.219	2.26	19.7	38.3	0.75	1140	0.62	0.72	6.1	2.3	490
Q925592		2.97	16.00	0.13	1.4	0.197	2.62	22.5	34.0	0.65	920	0.40	0.99	7.4	3.1	540
Q925593		3.29	15.65	0.14	1.0	0.221	2.95	20.4	14.6	0.77	879	0.21	1.36	7.0	2.0	560
Q925594		3.55	15.65	0.14	1.0	0.208	3.20	20.3	14.8	0.78	2280	0.38	0.83	6.9	2.5	590
Q925595		3.21	15.40	0.14	1.0	0.183	2.65	23.3	12.7	0.63	855	0.29	1.82	6.8	2.2	610
Q925596		4.79	15.20	0.13	1.1	0.296	2.89	26.7	24.9	0.75	1860	14.55	0.15	6.2	14.0	490
Q925597		3.09	14.15	0.15	0.9	0.200	2.38	20.3	18.4	0.57	910	0.21	1.60	6.5	2.0	530
Q925598		3.75	14.45	0.17	1.0	0.193	2.56	24.6	67.0	0.95	1340	0.42	0.12	6.8	2.5	550
Q925599		3.76	14.15	0.17	1.0	0.177	2.59	24.4	66.3	0.95	1340	0.34	0.12	6.7	2.5	530
Q925600		3.40	14.50	0.16	0.8	0.174	2.62	25.2	69.8	0.93	1680	0.87	0.05	6.5	2.2	520

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098564

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925565		9.2	125.0	<0.002	0.19	9.81	9.4	<1	2.1	73.0	0.64	<0.05	11.9	0.222	2.16	4.3
Q925566		291	154.0	<0.002	1.70	103.0	8.7	1	2.3	76.4	0.53	0.07	11.5	0.203	2.32	6.1
Q925567		1.8	1.2	<0.002	0.01	0.19	0.2	<1	<0.2	42.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q925568		14.9	129.5	<0.002	0.06	12.85	10.6	1	2.2	105.0	0.71	<0.05	13.0	0.247	1.78	2.5
Q925569		39.1	144.0	<0.002	0.36	21.4	8.9	1	1.9	91.5	0.56	<0.05	11.6	0.219	2.27	5.1
Q925570		25.9	139.0	<0.002	0.32	15.70	10.2	1	2.1	123.0	0.58	0.05	9.9	0.250	2.27	3.4
Q925571		25.2	172.5	<0.002	1.89	16.25	9.6	1	1.9	88.7	0.56	<0.05	11.9	0.224	3.10	3.8
Q925572		84.6	154.0	<0.002	0.43	9.97	11.2	1	2.3	199.5	0.63	<0.05	11.3	0.258	2.38	4.1
Q925573		14.6	125.5	<0.002	0.06	4.09	9.7	1	2.0	292	0.60	<0.05	11.2	0.232	1.64	4.0
Q925574		385	160.5	<0.002	0.78	15.30	9.8	1	2.5	111.5	0.58	<0.05	11.4	0.240	2.58	5.7
Q925575		45.8	126.0	<0.002	0.20	7.80	11.0	1	2.2	210	0.70	<0.05	11.6	0.260	2.21	3.9
Q925576		23.4	123.5	<0.002	0.21	7.01	11.4	1	2.6	211	0.68	<0.05	11.6	0.269	2.27	3.6
Q925577		389	164.0	<0.002	1.71	19.35	9.3	1	3.0	99.3	0.57	<0.05	12.2	0.224	2.75	5.6
Q925578		1920	159.5	<0.002	1.41	54.5	9.4	1	3.2	113.0	0.57	<0.05	11.7	0.235	2.50	5.9
Q925579		23.7	139.0	0.002	0.05	3.95	9.6	1	1.9	262	0.64	<0.05	12.3	0.227	1.74	3.7
Q925580		217	180.5	<0.002	1.57	16.85	9.3	1	2.9	137.0	0.53	<0.05	12.2	0.213	2.55	3.6
Q925581		176.5	159.5	<0.002	1.02	14.95	8.3	<1	2.9	183.0	0.56	0.05	11.0	0.220	2.39	3.4
Q925582		45.9	114.0	<0.002	0.14	14.05	6.0	1	1.9	320	0.65	<0.05	9.5	0.238	2.21	4.3
Q925583		150.5	146.5	<0.002	0.61	15.80	9.2	1	2.3	251	0.61	<0.05	11.9	0.236	2.33	3.3
Q925584		1555	151.0	0.003	7.81	97.5	8.0	2	10.4	60.1	0.38	0.63	8.6	0.163	2.02	5.3
Q925585		47.2	114.5	<0.002	0.20	7.37	9.9	1	1.9	259	0.51	<0.05	11.4	0.204	2.10	3.3
Q925586		76.2	123.0	<0.002	0.30	6.41	9.5	1	2.1	233	0.51	0.06	11.1	0.202	1.70	4.0
Q925587		473	125.0	<0.002	0.95	15.80	9.8	1	2.2	198.5	0.55	<0.05	11.5	0.219	2.26	7.4
Q925588		13.9	112.0	<0.002	0.13	7.90	9.5	1	1.6	178.5	0.47	<0.05	11.6	0.187	1.84	2.5
Q925589		1270	137.5	<0.002	1.28	17.55	8.9	1	2.3	90.9	0.49	<0.05	11.2	0.188	2.43	4.8
Q925590		3.4	1.6	<0.002	<0.01	0.10	0.2	<1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q925591		42.2	95.9	<0.002	0.19	12.70	8.6	1	2.2	114.0	0.54	<0.05	11.1	0.184	1.92	4.3
Q925592		104.0	109.0	<0.002	0.20	11.90	10.7	1	2.3	168.5	0.64	<0.05	12.4	0.212	1.69	4.7
Q925593		73.3	106.5	<0.002	0.07	7.52	10.0	1	2.3	191.0	0.58	<0.05	10.5	0.215	1.71	2.3
Q925594		36.0	114.0	<0.002	0.80	8.65	9.4	1	2.5	169.0	0.58	0.18	10.5	0.219	2.00	2.4
Q925595		10.0	99.1	<0.002	0.16	4.93	9.7	<1	2.0	165.0	0.56	<0.05	11.9	0.212	1.55	3.0
Q925596		479	160.0	<0.002	2.59	29.1	8.6	2	5.7	105.5	0.49	0.31	11.1	0.198	2.47	5.0
Q925597		10.1	90.6	<0.002	0.16	5.12	8.6	1	1.8	157.5	0.50	<0.05	10.8	0.192	1.43	2.2
Q925598		13.7	128.0	<0.002	0.30	12.55	9.2	2	1.7	119.5	0.54	0.36	12.6	0.203	2.55	3.8
Q925599		10.6	128.0	<0.002	0.27	12.10	9.0	1	1.7	117.5	0.51	0.07	12.8	0.200	2.56	3.8
Q925600		14.4	127.0	<0.002	0.36	18.85	8.8	1	1.8	118.5	0.53	<0.05	11.9	0.199	2.39	5.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098564

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925565		62	1.8	13.0	48	31.5
Q925566		58	2.2	11.8	237	25.1
Q925567		1	<0.1	0.7	15	<0.5
Q925568		68	2.2	14.9	54	36.0
Q925569		58	2.1	12.2	63	27.0
Q925570		68	2.6	13.5	64	33.8
Q925571		60	3.2	13.4	69	28.7
Q925572		71	2.0	17.1	90	29.0
Q925573		61	1.1	15.8	46	26.9
Q925574		62	2.2	13.6	823	27.2
Q925575		72	1.6	16.9	92	34.3
Q925576		77	1.6	17.1	73	34.0
Q925577		59	2.6	15.3	699	26.9
Q925578		65	3.6	13.9	6410	29.3
Q925579		62	1.4	14.0	85	30.2
Q925580		60	2.4	12.6	376	25.7
Q925581		55	2.4	11.4	579	51.1
Q925582		49	1.7	11.0	78	135.0
Q925583		61	2.0	12.8	429	59.3
Q925584		56	6.9	9.3	3220	21.8
Q925585		63	1.9	13.4	91	25.7
Q925586		63	1.6	12.9	165	26.5
Q925587		63	1.8	14.4	796	32.3
Q925588		61	1.3	13.3	52	23.7
Q925589		62	2.2	13.5	656	23.7
Q925590		2	0.1	0.8	16	<0.5
Q925591		60	1.4	13.0	86	26.2
Q925592		64	1.7	13.9	198	35.8
Q925593		68	1.8	13.4	65	25.2
Q925594		67	2.3	12.8	106	24.2
Q925595		67	1.5	12.5	50	26.0
Q925596		64	5.8	11.3	859	30.2
Q925597		60	1.7	11.3	48	23.8
Q925598		62	2.4	13.2	60	25.2
Q925599		61	2.5	13.1	59	23.4
Q925600		63	2.2	13.0	79	23.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 29-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098564

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

CERTIFICATE WH14098565

Project: KLAZA

P.O. No.: Batch 69

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098565

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925601		5.59	<0.005	0.18	7.28	22.8	2610	1.61	0.24	1.74	0.10	49.1	7.0	7	14.35	2.0
Q925602		4.93	0.009	1.23	6.06	58.6	1930	1.81	0.28	2.15	0.65	52.6	10.4	6	47.7	4.1
Q925603		2.56	0.053	1.17	6.95	136.5	1510	1.52	0.19	2.59	2.76	53.4	5.6	6	23.3	3.6
Q925604		3.46	0.441	5.24	4.62	1470	200	1.14	0.16	2.54	20.6	33.4	4.1	4	19.70	9.9
Q925605		4.33	<0.005	0.02	0.09	2.2	40	0.06	0.02	21.2	0.09	1.26	0.6	1	0.41	1.4
Q925606		4.43	3.03	39.0	5.56	7430	160	1.31	0.21	1.35	103.5	41.2	6.1	5	28.3	52.9
Q925607		2.06	0.849	25.3	4.30	3430	130	1.09	0.16	3.55	95.8	32.0	4.0	4	18.05	41.8
Q925608		6.28	0.006	0.13	7.52	15.8	2390	1.35	0.25	2.16	0.21	42.5	3.8	7	10.35	1.6
Q925609		0.26	1.650	39.1	5.73	2490	120	1.12	36.7	1.63	44.4	35.0	15.6	22	9.64	1170
Q925610		7.39	0.010	0.19	7.72	26.6	2800	1.35	0.25	1.71	0.38	49.5	3.8	7	8.31	2.0
Q925611		7.73	<0.005	0.17	7.06	19.3	2490	1.44	0.23	2.41	0.28	40.3	3.3	8	14.20	1.7
Q925612		7.74	<0.005	0.06	6.99	10.5	3010	1.41	0.25	2.18	0.07	37.1	2.0	7	11.65	1.1
Q925613		<0.02	<0.005	0.07	7.24	11.5	3040	1.49	0.27	2.26	0.07	40.5	2.0	8	12.15	1.2
Q925614		3.92	0.013	0.18	7.48	22.6	3530	1.34	0.82	2.03	0.09	51.2	14.4	6	16.15	5.4
Q925615		1.94	0.007	0.15	8.38	27.6	2240	1.72	0.33	1.95	0.16	26.8	3.3	5	21.3	2.2
Q925616		9.57	0.017	0.18	7.53	17.3	3460	1.44	0.45	1.90	0.30	46.4	6.9	7	13.55	3.2
Q925617		4.45	0.010	0.21	7.61	22.4	3980	1.44	0.64	2.08	0.11	44.0	15.6	7	9.53	4.5
Q925618		7.39	0.007	0.22	7.89	26.4	2690	1.84	0.47	2.56	0.05	46.7	7.0	7	16.80	8.1
Q925619		0.26	0.342	4.46	7.03	735	280	1.51	3.58	2.09	11.15	50.9	12.1	25	13.85	329
Q925620		4.29	0.014	0.26	7.33	70.4	3320	1.52	0.57	1.85	0.25	50.4	7.5	7	14.10	10.9
Q925621		3.96	0.148	47.9	7.34	363	730	1.58	34.5	2.11	1.74	50.5	7.5	7	16.20	1745
Q925622		4.40	0.016	0.24	7.53	34.9	2110	1.46	0.35	2.37	0.12	49.4	3.0	7	18.25	17.0
Q925623		2.51	0.995	>100	6.13	2560	260	1.21	19.05	1.85	67.0	40.0	2.7	6	11.60	1550
Q925624		3.76	<0.005	0.43	0.08	2.2	30	0.05	0.10	21.7	0.14	1.15	0.6	<1	0.21	6.8
Q925625		6.65	<0.005	0.18	7.77	14.9	2630	1.54	0.32	1.98	0.11	50.7	4.5	9	9.36	3.5
Q925626		4.59	<0.005	0.80	7.45	11.5	2510	1.54	0.35	2.03	0.20	42.1	5.2	9	8.44	6.2
Q925627		5.07	<0.005	0.14	7.75	8.0	2250	1.52	0.28	2.41	0.09	47.1	4.0	8	8.58	4.4
Q925628		3.35	0.009	0.42	7.78	240	1640	1.68	0.52	2.73	1.06	76.7	11.0	8	14.15	7.5
Q925629		1.26	0.011	0.42	7.12	359	2160	1.43	0.40	3.06	1.46	89.6	11.7	7	10.85	12.3
Q925630		7.44	<0.005	0.15	7.99	46.0	2340	1.49	0.22	2.01	0.14	48.2	4.2	10	8.68	3.7
Q925631		9.18	<0.005	0.13	7.61	7.6	2130	1.68	0.29	2.21	0.13	52.8	4.7	10	10.25	2.9
Q925632		6.81	<0.005	0.17	7.65	9.2	2080	1.55	0.23	2.13	0.16	49.5	3.7	9	8.70	4.3
Q925633		7.24	0.006	0.17	7.44	14.0	1650	1.70	0.48	2.81	0.04	43.7	8.0	20	8.47	1.5
Q925634		3.19	<0.005	0.19	7.41	11.7	2180	1.56	0.49	3.19	0.11	49.3	12.2	15	8.11	1.4
Q925635		6.11	0.024	0.18	7.28	13.5	2230	1.63	0.41	2.73	0.02	42.7	7.8	18	7.31	1.0
Q925636		8.08	<0.005	0.07	7.37	7.3	1520	1.52	0.21	2.58	0.04	44.3	2.8	7	8.67	1.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098565

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925601		3.11	15.95	<0.05	1.0	0.154	2.90	26.0	77.0	0.75	1010	0.13	0.04	6.8	2.2	520
Q925602		2.59	13.35	0.08	1.1	0.041	2.26	29.7	73.7	0.68	2050	1.74	0.02	6.3	2.5	410
Q925603		2.75	15.30	0.08	1.3	0.035	2.97	29.8	103.5	0.90	2640	3.24	0.02	7.1	2.3	500
Q925604		2.63	10.20	0.11	0.7	0.042	1.90	19.1	28.0	0.71	2480	40.2	0.02	4.5	2.2	380
Q925605		0.49	0.21	0.12	<0.1	<0.005	0.03	0.6	1.3	12.80	209	0.17	<0.01	0.1	1.6	180
Q925606		3.70	12.15	0.10	0.9	0.133	2.08	22.7	40.8	0.45	1750	40.4	0.02	5.2	2.3	400
Q925607		3.16	9.00	0.09	0.7	0.087	1.54	17.3	49.9	0.61	7160	29.1	0.07	4.1	2.1	290
Q925608		3.04	15.45	0.12	1.1	0.078	3.11	21.8	12.4	0.74	732	0.39	1.89	7.7	2.1	590
Q925609		8.88	13.40	0.12	0.8	1.415	2.60	18.8	15.2	0.67	2340	15.95	0.06	4.5	13.6	440
Q925610		3.14	15.55	0.12	1.1	0.063	3.21	26.4	11.6	0.78	665	0.54	2.17	7.7	2.4	580
Q925611		2.93	14.65	0.10	1.0	0.083	2.96	20.2	19.6	0.78	802	0.44	1.38	7.0	2.2	570
Q925612		3.27	14.15	0.13	1.0	0.129	2.81	19.0	12.7	0.74	739	0.20	1.76	6.9	2.0	580
Q925613		3.40	14.55	0.11	1.0	0.134	2.92	20.5	13.3	0.77	781	0.20	1.82	7.2	2.3	600
Q925614		4.41	15.25	0.11	1.1	0.157	2.52	27.9	25.6	0.85	1070	0.36	1.17	6.9	3.0	650
Q925615		8.14	19.80	0.12	1.6	0.114	3.51	12.6	36.0	1.38	2030	1.86	0.05	4.5	3.5	1240
Q925616		3.81	14.80	0.12	1.1	0.169	3.25	24.5	17.8	0.69	986	0.31	1.71	7.1	2.1	600
Q925617		4.02	14.95	0.13	1.1	0.083	3.46	23.5	17.7	0.69	855	0.39	1.95	7.2	2.8	610
Q925618		3.70	16.85	0.12	1.0	0.160	3.12	23.7	13.8	0.86	1170	0.26	2.26	6.8	2.2	580
Q925619		5.29	15.35	0.11	1.1	0.296	3.06	28.8	27.6	0.80	2020	16.60	0.15	6.2	14.2	550
Q925620		4.04	15.15	0.12	1.1	0.204	2.88	27.0	19.5	0.72	1500	0.74	1.67	7.0	2.9	550
Q925621		4.28	14.75	0.12	1.1	0.497	3.14	27.0	27.3	0.80	1600	1.57	0.68	7.6	2.3	550
Q925622		3.26	14.65	0.11	1.0	0.125	2.97	26.7	58.8	0.88	1480	0.70	0.04	7.1	2.2	610
Q925623		4.46	13.05	0.12	0.9	0.460	2.88	21.9	26.9	0.59	3340	19.80	0.02	5.9	2.0	430
Q925624		0.48	0.22	0.11	<0.1	0.005	0.03	0.6	1.1	13.15	217	0.15	<0.01	0.1	1.5	190
Q925625		3.22	15.50	0.15	1.2	0.090	3.38	27.0	14.9	0.76	820	0.62	1.97	7.9	2.4	590
Q925626		3.01	14.90	0.13	1.1	0.100	3.00	22.0	12.0	0.71	634	0.66	2.07	7.2	2.3	580
Q925627		3.53	15.70	0.12	1.1	0.123	2.78	25.2	12.4	0.88	695	0.88	2.32	7.9	2.8	610
Q925628		3.47	15.70	0.14	1.1	0.287	2.51	43.1	18.5	0.71	1230	0.42	2.16	7.7	3.1	630
Q925629		3.32	15.05	0.14	1.0	0.246	2.51	48.6	15.5	0.71	1320	0.43	1.73	7.4	2.8	610
Q925630		3.20	15.80	0.11	1.2	0.077	2.99	25.7	17.8	0.81	562	1.03	2.54	8.2	3.0	620
Q925631		2.78	15.55	0.13	1.2	0.053	2.68	28.3	18.4	0.77	567	1.23	2.41	7.9	2.4	600
Q925632		2.91	15.30	0.12	1.0	0.088	2.55	26.8	16.1	0.81	605	2.38	2.66	7.8	2.6	590
Q925633		4.30	16.30	0.11	2.1	0.193	2.78	22.9	40.5	0.96	1900	2.74	0.59	6.4	5.7	680
Q925634		4.16	16.25	0.14	1.8	0.163	2.68	27.7	54.6	1.13	1800	2.76	0.06	6.7	5.5	630
Q925635		4.35	15.65	0.12	1.9	0.148	2.80	23.2	25.7	0.94	1900	2.78	0.61	6.3	3.7	670
Q925636		3.13	14.95	0.11	1.1	0.135	1.99	22.8	26.9	0.69	919	0.66	2.28	7.6	2.3	620

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098565

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925601		11.0	119.5	<0.002	0.21	14.35	8.9	2	1.8	103.5	0.55	<0.05	11.5	0.216	2.96	4.5
Q925602		39.9	125.0	<0.002	0.76	22.4	8.2	1	1.7	187.0	0.50	<0.05	12.0	0.183	2.36	13.9
Q925603		98.5	156.0	<0.002	0.65	16.15	9.1	1	2.2	181.5	0.63	<0.05	14.6	0.206	2.68	9.7
Q925604		338	97.7	<0.002	1.66	60.1	6.0	1	3.6	357	0.37	<0.05	8.4	0.149	2.35	10.3
Q925605		2.3	1.5	<0.002	0.01	0.19	0.2	<1	<0.2	42.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q925606		2890	107.5	0.008	2.98	127.0	7.0	1	8.5	163.0	0.44	<0.05	10.0	0.170	2.25	17.4
Q925607		1870	76.8	0.006	1.64	90.4	5.8	<1	4.2	254	0.33	<0.05	7.2	0.143	1.56	40.1
Q925608		13.5	117.0	<0.002	0.05	4.79	9.4	1	1.8	275	0.64	<0.05	12.0	0.248	1.51	3.1
Q925609		1650	144.5	0.003	7.89	99.2	7.8	1	9.9	60.9	0.38	0.77	8.8	0.171	2.21	5.4
Q925610		21.3	120.0	0.002	0.03	4.32	9.7	1	1.7	293	0.65	<0.05	13.6	0.248	1.46	3.0
Q925611		14.4	110.5	<0.002	0.16	5.50	9.0	1	1.7	242	0.59	<0.05	11.6	0.232	1.82	4.0
Q925612		9.3	103.5	<0.002	0.12	4.48	9.1	<1	1.8	246	0.58	<0.05	11.3	0.226	1.75	2.5
Q925613		9.9	107.5	<0.002	0.13	4.73	9.6	1	1.9	255	0.59	<0.05	12.1	0.236	1.80	2.8
Q925614		9.2	102.0	0.002	0.63	9.07	10.0	1	2.0	213	0.57	0.22	13.1	0.245	1.76	2.5
Q925615		8.5	204	<0.002	0.75	12.95	13.5	1	1.8	134.0	0.27	<0.05	3.3	0.366	2.95	2.8
Q925616		14.1	117.0	<0.002	0.27	6.75	9.5	1	1.9	263	0.61	0.09	12.7	0.235	1.89	2.9
Q925617		12.3	127.0	<0.002	0.59	3.22	9.6	1	1.7	314	0.56	0.22	11.4	0.237	1.68	2.8
Q925618		11.4	111.5	<0.002	0.64	4.85	9.4	<1	1.9	273	0.53	<0.05	9.9	0.242	2.06	6.8
Q925619		513	165.0	0.006	2.79	27.8	9.0	1	5.5	110.5	0.51	0.36	11.8	0.218	2.67	5.4
Q925620		19.7	116.0	<0.002	0.68	6.54	9.5	1	2.0	231	0.59	0.09	13.5	0.236	2.36	3.6
Q925621		856	137.5	<0.002	1.91	194.0	9.9	1	2.1	189.5	0.68	0.26	13.8	0.231	2.28	6.3
Q925622		13.4	118.0	<0.002	0.55	13.50	9.4	1	1.7	219	0.58	<0.05	12.4	0.248	2.31	4.2
Q925623		1270	164.0	<0.002	3.95	759	8.0	1	4.6	89.5	0.49	0.06	10.4	0.196	2.69	4.1
Q925624		4.1	1.5	<0.002	0.01	1.43	0.2	1	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q925625		14.8	135.5	<0.002	0.09	3.75	10.0	1	1.9	305	0.65	<0.05	14.3	0.259	1.63	3.9
Q925626		14.4	115.0	<0.002	0.08	4.68	9.2	1	1.8	308	0.54	<0.05	11.2	0.242	1.32	3.6
Q925627		15.4	109.5	<0.002	0.02	3.30	10.0	1	2.1	362	0.64	<0.05	11.9	0.256	1.34	3.6
Q925628		67.7	121.0	<0.002	0.46	4.10	9.8	1	3.0	296	0.64	<0.05	12.7	0.256	1.67	5.4
Q925629		82.2	119.0	<0.002	0.41	4.21	9.4	1	3.6	298	0.60	<0.05	11.5	0.243	1.70	3.4
Q925630		16.6	117.0	<0.002	0.03	3.80	10.3	1	1.8	477	0.65	<0.05	12.8	0.266	1.29	3.3
Q925631		17.2	106.5	<0.002	0.01	2.97	9.6	1	1.7	492	0.67	0.05	13.8	0.250	1.11	3.7
Q925632		16.8	100.5	0.002	0.02	3.27	9.8	1	1.7	397	0.61	<0.05	13.0	0.251	1.08	3.9
Q925633		7.4	144.5	<0.002	0.46	3.70	9.1	1	2.3	166.0	0.47	<0.05	9.1	0.262	2.48	4.5
Q925634		8.9	146.0	0.002	0.54	5.14	9.3	1	2.4	117.5	0.52	0.06	11.0	0.245	2.57	6.5
Q925635		7.2	145.0	<0.002	0.60	3.77	9.0	1	2.3	127.0	0.47	0.09	9.6	0.246	2.51	5.8
Q925636		6.8	80.8	<0.002	0.10	3.98	9.4	1	2.0	265	0.60	<0.05	11.0	0.246	1.34	3.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098565

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
Q925601		62	2.0	13.6	52	26.2	
Q925602		54	2.5	14.5	99	29.7	
Q925603		60	2.8	14.4	248	34.0	
Q925604		42	2.6	11.1	1350	20.5	
Q925605		2	0.1	0.7	20	<0.5	
Q925606		51	3.0	11.2	6090	25.8	
Q925607		42	3.0	14.5	5770	18.4	
Q925608		68	1.8	12.8	72	27.8	
Q925609		57	7.0	9.0	3410	20.8	
Q925610		67	1.6	14.4	86	28.4	
Q925611		65	1.6	13.0	65	26.0	
Q925612		65	1.7	12.1	50	26.0	
Q925613		68	1.7	13.0	52	26.0	
Q925614		76	2.0	14.9	65	29.9	
Q925615		150	2.3	17.1	128	55.8	
Q925616		67	1.8	12.9	72	27.1	
Q925617		67	2.3	13.0	51	27.5	
Q925618		79	2.3	12.8	59	26.2	
Q925619		70	5.7	11.9	916	30.4	
Q925620		68	2.6	13.2	85	26.5	
Q925621		68	3.2	14.0	289	27.0	
Q925622		69	3.1	12.8	57	25.5	
Q925623		55	4.4	10.0	4870	23.3	291
Q925624		2	0.1	0.7	22	<0.5	
Q925625		70	2.2	15.5	59	31.2	
Q925626		64	1.9	13.4	60	28.9	
Q925627		72	2.2	15.4	57	28.9	
Q925628		73	6.4	14.9	142	26.2	
Q925629		70	7.8	14.6	179	26.4	
Q925630		73	4.7	15.4	54	30.4	
Q925631		68	3.0	15.3	49	31.0	
Q925632		67	1.5	16.0	59	24.3	
Q925633		73	4.1	14.1	67	75.8	
Q925634		69	3.2	14.4	63	58.9	
Q925635		71	2.7	14.2	56	67.6	
Q925636		68	2.9	12.5	47	27.1	

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14098565

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
PUL-31	PUL-31d	PUL-QC	

ALS Canada Ltd.

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099435

Project: KLAZA

P.O. No.: Batch 21

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

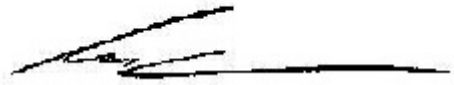
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099435

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924054		9.00	<0.005	0.10	6.68	45.9	1890	1.59	0.10	2.50	1.55	43.3	7.9	11	11.65	18.4
Q924055		9.53	<0.005	0.08	7.23	14.4	2080	1.59	0.09	2.43	0.96	42.2	8.4	11	12.65	7.5
Q924056		5.47	<0.005	0.30	7.02	21.6	2180	1.59	0.11	2.13	2.34	47.4	8.2	14	10.75	14.3
Q924057		6.14	<0.005	0.19	6.72	102.5	780	1.33	0.40	2.26	1.27	46.8	7.6	10	13.40	11.3
Q924058		7.55	<0.005	0.29	6.21	127.5	610	1.30	0.44	1.68	0.66	45.1	7.5	9	15.10	8.8
Q924059		6.13	<0.005	0.15	7.09	114.0	730	1.45	0.30	2.39	0.58	49.1	8.2	10	14.15	22.9
Q924060		<0.02	<0.005	0.13	6.94	100.5	710	1.43	0.31	2.31	0.57	47.6	7.8	9	13.60	21.7
Q924061		11.47	<0.005	0.10	6.75	19.6	1490	1.34	0.27	2.43	0.36	42.6	6.8	12	12.55	8.1
Q924062		7.44	<0.005	0.17	6.58	11.6	1860	1.42	0.80	2.00	0.36	44.8	7.4	10	11.90	3.7
Q924063		3.93	<0.005	0.12	7.32	6.9	2800	1.52	1.44	1.39	0.20	47.1	9.9	9	11.80	2.1
Q924064		7.93	<0.005	0.12	6.39	5.2	1940	1.33	1.04	2.12	0.17	37.4	7.5	9	9.84	3.7
Q924065		0.27	0.956	10.70	6.20	1505	820	1.29	11.20	1.80	31.0	44.2	16.0	19	12.40	280
Q924066		8.45	<0.005	0.22	6.53	8.3	2140	1.34	1.13	2.35	0.99	36.9	6.9	9	11.45	30.3
Q924067		7.00	<0.005	0.10	6.34	14.4	1160	1.35	0.15	2.34	0.37	35.8	7.0	10	14.65	8.0
Q924068		3.66	0.761	2.51	6.72	5130	920	1.29	2.10	1.60	9.08	45.0	6.5	9	10.65	25.7
Q924069		7.05	0.008	0.18	6.90	62.0	630	1.47	0.16	1.70	0.90	48.6	6.7	8	12.10	6.8
Q924070		11.53	0.032	1.50	6.08	157.5	670	1.01	0.90	0.72	11.40	41.0	8.1	10	8.40	22.3
Q924071		8.26	0.422	4.96	5.45	2400	750	0.90	1.07	0.17	33.0	39.4	5.4	9	6.22	41.6
Q924072		0.26	1.755	37.6	5.49	2460	180	1.18	35.5	1.62	43.6	34.0	15.5	22	9.17	1170
Q924073		4.51	2.30	6.66	5.92	9370	220	1.29	7.87	0.28	21.3	25.1	6.6	7	9.06	182.5
Q924074		12.11	0.927	3.53	7.04	1980	450	1.35	3.56	0.37	18.05	47.1	10.8	10	10.80	19.0
Q924075		6.92	<0.005	0.03	0.09	10.3	30	0.08	0.04	19.60	0.15	1.09	0.6	1	0.18	0.9
Q924076		11.02	0.017	1.10	7.37	133.5	1540	1.34	2.91	0.82	1.10	53.9	8.6	11	10.95	2.3
Q924077		8.01	0.125	5.37	6.34	339	950	1.00	3.58	0.24	38.2	49.6	11.0	9	7.76	34.3
Q924078		6.62	0.512	15.70	5.35	523	330	0.87	2.19	0.11	152.0	37.8	8.9	9	6.79	179.0
Q924079		6.82	<0.005	0.05	0.08	3.1	40	<0.05	0.03	20.2	0.37	1.05	0.6	<1	0.15	1.9
Q924080		11.32	0.146	3.94	8.28	214	1600	1.31	1.91	0.45	37.9	55.7	8.0	12	10.35	27.8
Q924081		3.02	0.054	2.33	7.05	104.5	1400	1.02	1.46	0.47	24.9	45.5	6.5	8	8.15	16.1
Q924082		2.78	<0.005	0.23	8.74	92.3	840	2.12	0.35	1.40	0.59	79.5	8.6	15	33.1	5.3
Q924083		5.07	0.055	4.35	6.81	247	1490	1.21	2.55	0.25	27.4	49.2	12.1	8	12.20	21.4
Q924084		6.15	0.129	6.69	7.03	540	1250	1.31	2.71	0.24	7.10	45.8	7.9	8	15.05	142.0
Q924085		3.44	0.112	14.60	6.03	581	600	1.41	14.55	0.97	53.4	33.4	6.3	6	36.1	97.1
Q924086		5.40	0.996	8.68	7.16	4190	1230	1.34	14.95	0.65	10.75	45.5	7.7	8	34.4	152.5
Q924087		1.61	0.541	6.91	5.79	671	240	1.40	2.76	0.57	65.1	34.2	8.9	7	39.7	112.5
Q924088		1.74	1.085	30.6	4.29	855	340	1.05	4.62	1.62	319	24.0	10.6	6	30.9	809
Q924089		7.94	<0.005	0.18	5.93	12.3	2400	1.42	3.21	2.53	0.63	38.6	6.1	8	18.05	6.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099435

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924054		2.85	14.80	0.14	1.1	0.038	2.49	21.8	15.3	0.77	677	0.86	1.61	7.1	3.0	590
Q924055		3.07	16.00	0.13	1.1	0.041	2.48	21.1	16.5	0.89	594	1.12	1.73	7.4	2.8	620
Q924056		3.04	15.30	0.15	1.1	0.040	2.46	24.0	17.2	0.82	604	1.04	1.61	7.3	3.4	610
Q924057		2.51	14.85	0.15	1.1	0.038	2.33	23.9	44.6	0.74	1200	0.68	0.22	6.8	2.8	580
Q924058		2.84	14.55	0.15	1.0	0.049	2.55	24.7	34.5	0.70	1480	0.75	0.03	6.1	2.5	490
Q924059		3.14	16.80	0.13	0.9	0.049	3.29	26.1	26.3	0.93	1770	0.27	0.03	6.7	2.4	580
Q924060		3.06	16.05	0.14	0.9	0.045	3.10	25.4	25.5	0.91	1720	0.32	0.03	6.5	2.5	580
Q924061		3.04	14.65	0.11	1.1	0.040	2.91	22.1	39.7	0.86	1430	0.37	0.14	7.3	1.4	630
Q924062		2.98	13.80	0.12	1.0	0.043	2.30	23.9	24.2	0.82	1180	0.28	0.68	7.2	1.1	580
Q924063		3.63	14.30	0.13	1.0	0.036	2.26	25.2	53.3	0.70	1290	0.18	1.11	7.8	1.6	640
Q924064		2.98	14.60	0.14	0.9	0.038	2.13	19.1	21.9	0.78	1080	0.55	1.04	6.7	1.0	560
Q924065		6.20	14.10	0.12	1.0	0.721	2.82	25.2	19.1	0.73	1610	8.73	0.12	6.2	10.0	520
Q924066		2.75	14.10	0.13	1.0	0.027	2.21	17.5	21.3	0.69	923	0.37	1.61	7.0	0.8	580
Q924067		2.85	13.85	0.12	1.1	0.030	2.47	16.1	44.5	0.65	1120	0.66	0.78	7.3	0.8	610
Q924068		3.70	15.05	0.12	1.0	0.200	3.08	24.8	20.5	0.68	2890	4.58	0.03	6.6	1.0	530
Q924069		3.24	14.65	0.15	1.1	0.076	3.43	26.9	12.9	0.74	2640	0.90	0.03	7.2	1.2	610
Q924070		4.05	14.55	0.11	0.9	0.409	3.05	22.3	9.1	0.52	3320	0.43	0.03	6.5	1.2	540
Q924071		3.22	14.00	0.10	0.9	0.374	2.89	21.7	10.6	0.22	1440	0.60	0.03	5.7	1.1	460
Q924072		8.73	13.50	0.09	0.8	1.455	2.59	17.4	16.8	0.65	2100	16.15	0.06	4.7	12.5	440
Q924073		6.00	17.20	0.09	0.8	0.884	2.93	12.6	11.0	0.29	1030	15.90	0.04	4.3	1.8	350
Q924074		4.03	20.9	0.08	1.2	0.174	3.57	25.4	8.5	0.34	2150	1.04	0.05	6.7	3.0	540
Q924075		0.47	0.26	0.12	<0.1	<0.005	0.04	0.5	1.0	12.05	192	0.12	<0.01	0.2	<0.2	190
Q924076		2.70	17.15	0.21	1.2	0.109	3.68	30.1	4.5	0.47	1770	0.99	0.07	7.3	1.7	590
Q924077		4.04	14.70	0.12	1.2	0.212	3.20	28.0	6.5	0.30	3390	2.82	0.05	6.9	2.3	550
Q924078		3.31	13.80	0.10	0.9	0.325	2.73	20.9	9.6	0.17	974	5.22	0.03	5.5	2.0	400
Q924079		0.48	0.22	0.15	<0.1	<0.005	0.03	0.5	0.7	12.30	202	0.11	<0.01	0.2	<0.2	160
Q924080		3.80	19.80	0.18	1.3	0.226	4.15	31.1	6.3	0.42	3910	1.92	0.06	8.1	1.8	640
Q924081		3.21	16.40	0.15	1.1	0.145	3.57	24.9	6.3	0.38	3670	1.66	0.06	7.2	1.2	580
Q924082		2.57	20.7	0.17	3.0	0.034	1.74	40.9	53.4	0.69	1100	1.40	0.03	13.9	3.3	1070
Q924083		3.66	15.05	0.09	1.1	0.311	3.21	27.8	10.3	0.33	3910	9.40	0.06	6.8	2.9	550
Q924084		3.58	16.90	0.10	1.0	0.181	3.41	26.0	8.7	0.31	4020	0.27	0.06	6.8	2.9	550
Q924085		4.04	15.45	0.09	0.9	0.535	2.44	18.5	21.0	0.50	4490	3.47	0.04	6.1	2.1	480
Q924086		4.36	16.30	0.09	1.1	0.214	3.42	25.2	9.4	0.54	2720	2.68	0.04	7.1	3.2	570
Q924087		4.77	14.85	0.08	1.0	0.695	2.31	18.2	24.7	0.37	2390	10.35	0.04	5.7	2.7	490
Q924088		7.96	12.95	0.06	0.7	1.360	1.94	11.4	15.7	0.59	4440	38.8	0.04	4.3	1.7	340
Q924089		2.70	14.95	0.11	0.9	0.043	2.64	20.6	31.4	0.89	1470	0.17	0.05	6.3	0.6	520

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099435

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924054		13.2	94.0	<0.002	0.02	3.72	10.7	<1	1.5	255	0.57	<0.05	9.5	0.257	1.08	2.2
Q924055		15.6	91.6	<0.002	0.01	2.32	11.4	1	1.5	333	0.55	<0.05	9.7	0.273	0.98	1.9
Q924056		15.4	95.5	<0.002	0.02	2.85	11.6	<1	1.5	274	0.56	<0.05	10.8	0.274	1.00	2.0
Q924057		13.3	103.5	<0.002	0.15	10.70	10.6	1	1.5	87.4	0.56	<0.05	9.8	0.258	1.56	3.0
Q924058		23.2	154.0	<0.002	0.27	22.8	10.2	1	1.4	38.5	0.50	<0.05	10.1	0.219	1.85	2.8
Q924059		8.4	180.5	<0.002	0.18	6.78	11.1	1	1.3	46.8	0.51	<0.05	9.6	0.259	2.23	2.5
Q924060		8.1	180.5	<0.002	0.17	6.62	10.8	<1	1.3	45.7	0.50	<0.05	9.4	0.246	2.17	2.5
Q924061		14.0	127.0	<0.002	0.22	8.56	10.8	1	1.5	82.6	0.55	<0.05	10.5	0.273	2.18	4.2
Q924062		15.1	101.5	<0.002	0.11	7.86	10.4	<1	1.5	108.5	0.55	<0.05	11.3	0.257	1.30	2.3
Q924063		19.4	101.5	<0.002	0.15	9.57	11.4	1	1.7	126.5	0.59	<0.05	12.4	0.279	1.12	2.7
Q924064		12.6	85.8	<0.002	0.10	6.93	9.5	<1	1.6	102.5	0.51	<0.05	9.5	0.244	1.05	1.6
Q924065		1240	163.5	<0.002	4.43	55.9	8.9	2	7.4	93.1	0.48	0.95	11.3	0.204	2.43	4.6
Q924066		13.1	89.0	<0.002	0.06	7.01	9.9	1	1.4	181.0	0.54	0.13	9.4	0.257	1.16	1.7
Q924067		14.0	97.5	<0.002	0.09	6.57	10.3	<1	1.4	127.5	0.59	<0.05	9.3	0.268	1.61	3.9
Q924068		565	180.0	<0.002	1.52	29.0	10.5	<1	4.1	74.1	0.51	0.05	11.7	0.232	2.11	5.1
Q924069		30.0	182.5	<0.002	0.36	5.51	11.4	1	1.6	58.1	0.55	<0.05	12.3	0.255	2.52	3.1
Q924070		365	167.5	<0.002	1.34	8.04	10.1	1	2.7	16.7	0.48	<0.05	11.1	0.222	1.85	2.4
Q924071		1255	157.5	<0.002	2.58	22.9	8.9	<1	4.5	12.7	0.45	<0.05	10.3	0.196	1.70	1.7
Q924072		1600	145.5	<0.002	7.62	101.5	8.1	1	10.1	61.9	0.36	0.63	8.6	0.166	2.10	4.8
Q924073		703	150.5	0.008	5.41	95.5	7.1	1	4.0	45.0	0.33	0.14	7.5	0.157	1.72	4.8
Q924074		757	183.5	<0.002	3.10	24.6	10.1	1	2.9	29.3	0.54	<0.05	12.1	0.241	2.37	3.0
Q924075		4.0	1.9	<0.002	0.02	0.22	0.2	1	<0.2	43.7	<0.05	<0.05	<0.2	<0.005	0.03	0.5
Q924076		85.4	209	<0.002	0.68	11.35	10.9	1	1.8	33.3	0.58	<0.05	13.2	0.259	2.56	3.2
Q924077		1495	176.0	<0.002	2.47	21.8	10.0	<1	4.2	22.8	0.54	<0.05	11.9	0.239	2.34	3.4
Q924078		6890	150.0	<0.002	3.65	38.2	8.1	1	6.6	20.8	0.45	<0.05	9.3	0.189	2.09	3.6
Q924079		14.5	1.6	<0.002	0.01	0.21	0.2	1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q924080		1420	234	<0.002	1.51	18.10	11.6	1	3.0	30.0	0.68	<0.05	13.7	0.268	2.88	10.7
Q924081		909	197.0	<0.002	0.87	14.55	10.3	1	2.2	24.6	0.57	<0.05	11.0	0.247	2.25	8.4
Q924082		37.3	84.6	<0.002	0.21	14.45	7.7	1	1.8	261	0.90	<0.05	12.7	0.314	2.00	18.2
Q924083		1415	174.0	<0.002	1.69	29.2	10.3	<1	2.9	54.1	0.57	<0.05	12.9	0.238	2.40	7.7
Q924084		366	192.0	<0.002	2.02	55.7	10.1	<1	4.0	50.6	0.51	<0.05	11.9	0.232	2.21	1.8
Q924085		2940	141.0	<0.002	2.56	42.1	9.1	<1	4.1	192.5	0.46	0.06	10.8	0.208	1.79	7.5
Q924086		1000	198.5	<0.002	1.92	39.8	11.2	1	6.8	83.1	0.56	<0.05	13.0	0.246	2.35	3.8
Q924087		2560	131.5	<0.002	3.69	45.1	8.6	1	8.0	79.8	0.46	<0.05	10.3	0.203	1.74	11.4
Q924088		9510	112.5	0.005	8.30	231	6.8	1	5.0	79.8	0.35	0.06	7.4	0.151	1.91	32.9
Q924089		30.7	123.5	<0.002	0.12	6.75	9.1	1	1.9	148.5	0.48	<0.05	9.8	0.220	2.12	2.9

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099435

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
Q924054		70	1.5	11.3	245	28.0	
Q924055		79	2.9	13.4	197	31.5	
Q924056		77	4.7	12.7	303	28.4	
Q924057		67	2.7	12.2	418	27.4	
Q924058		64	1.9	11.2	219	26.7	
Q924059		79	2.1	11.8	268	24.5	
Q924060		76	2.1	11.4	255	23.3	
Q924061		79	1.8	10.3	167	24.4	
Q924062		70	2.1	10.7	188	24.3	
Q924063		68	3.1	11.6	257	25.2	
Q924064		73	2.5	9.1	195	22.9	
Q924065		61	5.7	10.2	2370	27.1	
Q924066		71	2.0	9.3	269	24.6	
Q924067		77	2.6	10.1	134	24.0	
Q924068		77	6.2	10.2	969	24.1	
Q924069		77	4.1	12.4	169	24.8	
Q924070		71	3.8	6.9	1120	22.7	
Q924071		65	3.3	4.9	3250	21.9	
Q924072		55	7.2	8.3	3350	21.7	
Q924073		97	2.7	7.5	2070	19.9	
Q924074		109	5.7	5.8	1900	28.4	
Q924075		2	0.1	0.7	24	0.5	
Q924076		83	5.0	8.8	165	27.3	
Q924077		72	8.8	6.9	4200	24.5	
Q924078		61	5.6	5.6	>10000	20.2	1.725
Q924079		2	0.1	0.7	57	<0.5	
Q924080		90	7.1	8.9	3980	30.0	
Q924081		73	6.3	8.3	2850	26.2	
Q924082		61	4.2	12.8	157	97.0	
Q924083		67	5.9	7.2	2980	26.5	
Q924084		72	2.9	6.6	718	24.0	
Q924085		68	4.6	7.4	5870	22.2	
Q924086		77	3.2	8.4	1280	26.1	
Q924087		62	5.6	7.6	7450	26.7	
Q924088		55	6.5	8.3	>10000	19.5	3.84
Q924089		71	1.8	11.6	234	21.4	

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099435

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21d	LOG-22
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Zn-OG62

ALS Canada Ltd.

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099436

Project: KLAZA

P.O. No.: Batch 18

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

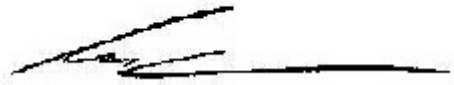
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099436

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016682		5.86	<0.005	0.10	6.88	12.5	1240	1.47	0.12	2.96	0.11	43.7	6.9	11	14.70	4.2
Q016683		4.03	0.011	0.23	7.04	24.3	1330	1.63	0.39	3.31	0.28	44.9	7.0	12	14.35	3.5
Q016684		6.89	<0.005	0.10	6.64	11.9	4720	1.56	0.10	3.40	0.47	39.6	7.1	10	14.90	2.9
Q016685		0.24	0.369	4.36	6.67	708	1060	1.40	3.00	2.08	11.45	49.5	11.1	23	12.40	319
Q016686		6.37	0.110	0.77	6.96	370	1030	1.62	0.92	2.62	2.53	47.6	7.7	9	20.2	18.6
Q016687		6.21	0.016	0.63	6.97	63.5	670	1.47	0.74	2.58	4.04	46.8	12.9	13	17.10	11.1
Q016688		5.21	0.318	2.04	6.76	2690	990	1.22	1.10	1.51	5.78	44.3	6.2	10	10.25	16.6
Q016689		6.80	<0.005	0.01	0.06	2.2	30	0.05	0.02	21.4	0.08	1.04	0.7	1	0.17	1.4
Q016690		7.32	<0.005	0.23	7.17	27.4	970	1.20	0.78	2.07	0.28	48.7	6.5	8	11.20	1.1
Q016691		8.99	0.010	0.97	6.68	41.8	840	1.23	1.24	1.60	5.41	50.7	7.4	8	11.40	8.8
Q016692		4.91	0.008	0.87	6.67	42.9	870	1.29	1.36	1.72	2.86	47.2	8.8	9	11.10	5.2
Q016693		7.62	<0.005	0.45	6.79	18.2	910	1.08	0.91	1.41	1.27	46.7	6.4	10	10.05	1.9
Q016694		7.99	<0.005	0.39	7.14	14.6	1120	1.18	1.16	1.23	0.33	48.2	6.1	10	10.35	1.7
Q016695		4.73	0.011	1.00	6.44	53.6	2040	1.16	3.16	1.57	1.75	50.5	6.7	9	11.40	3.2
Q016696		7.26	<0.005	0.01	0.08	0.3	90	0.06	0.10	20.9	0.08	1.16	0.7	1	0.22	1.8
Q016697		6.84	0.024	0.70	6.15	1115	1200	1.14	1.66	1.97	2.45	48.8	5.4	9	13.15	1.6
Q016698		9.13	<0.005	0.34	5.71	37.0	830	1.05	0.41	1.53	1.85	43.1	5.2	11	9.33	3.9
Q016699		5.54	<0.005	0.72	6.78	196.5	1030	1.16	0.27	1.63	5.54	48.9	7.0	11	10.35	9.0
Q016700		13.77	0.009	0.76	7.44	190.0	1670	1.38	1.87	1.17	2.32	50.9	8.8	11	10.30	8.0
Q924001		14.53	0.007	0.93	7.22	26.9	1640	1.19	2.87	0.73	1.23	51.6	6.7	10	11.05	3.8
Q924002		9.47	0.224	1.46	5.33	1245	840	1.16	3.18	0.30	3.15	30.5	7.5	11	8.15	17.8
Q924003		11.52	0.027	0.93	7.03	473	1640	1.58	1.43	0.28	2.46	49.3	7.4	9	12.15	14.0
Q924004		6.12	0.084	1.58	6.48	245	1110	1.40	4.43	0.36	1.19	46.8	8.7	8	20.6	4.4
Q924005		<0.02	0.087	1.60	6.56	253	890	1.36	4.43	0.35	1.18	48.0	8.7	8	22.3	4.2
Q924006		15.97	0.023	1.13	6.25	59.4	3040	1.39	3.04	1.08	1.50	44.3	8.7	8	33.7	6.1
Q924007		3.30	0.277	1.72	6.74	97.0	610	1.74	1.42	1.28	8.22	66.2	10.9	24	38.7	40.8
Q924008		12.46	<0.005	0.07	5.62	46.0	240	1.33	0.08	1.56	0.28	60.1	7.7	24	25.5	2.3
Q924009		9.29	<0.005	0.04	5.98	37.3	220	1.34	0.07	1.52	0.32	67.4	11.7	25	26.0	4.5
Q924010		0.35	0.357	4.38	6.65	695	810	1.37	3.30	1.98	10.55	48.2	11.1	28	12.05	310
Q924011		9.59	0.008	0.52	5.20	66.7	310	1.40	0.22	1.90	0.58	40.2	7.7	10	22.8	11.1
Q924012		7.99	<0.005	0.14	7.36	46.5	140	1.67	0.12	1.52	0.38	76.2	7.9	30	32.9	10.5
Q924013		7.19	0.138	0.97	7.73	153.5	270	2.41	0.52	1.39	1.99	74.4	10.7	23	55.2	35.5
Q924014		6.88	0.026	0.55	8.49	94.4	330	2.38	0.34	1.34	0.68	84.4	8.4	29	57.4	30.4
Q924015		6.08	<0.005	0.38	7.89	49.7	180	1.84	0.11	1.92	0.71	80.7	9.1	34	42.9	7.6
Q924016		9.55	<0.005	0.06	7.66	46.9	260	1.47	0.13	2.07	0.42	74.8	10.3	33	30.6	6.0
Q924017		8.93	0.056	1.15	5.88	125.0	440	1.23	0.92	1.21	1.61	36.6	6.9	13	17.85	23.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099436

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016682		3.11	16.00	0.12	1.2	0.058	2.98	19.7	38.9	0.73	1490	0.35	0.23	7.2	2.9	610
Q016683		4.03	14.75	0.10	1.1	0.158	3.17	24.5	25.0	1.23	2410	0.26	0.04	6.2	2.6	560
Q016684		3.26	15.30	0.19	1.3	0.085	3.06	17.6	36.9	1.00	2030	0.29	0.04	6.8	2.4	600
Q016685		5.08	15.10	0.10	1.1	0.284	2.88	28.5	26.4	0.79	1860	11.40	0.15	5.6	13.6	520
Q016686		3.97	14.75	0.12	1.2	0.115	3.05	25.7	24.4	1.01	3140	0.38	0.03	6.4	2.6	550
Q016687		3.96	14.65	0.13	1.1	0.301	3.19	25.3	18.0	1.03	3050	0.35	0.03	6.7	2.4	570
Q016688		3.67	15.65	0.10	1.2	0.125	3.20	25.0	25.0	0.68	3440	1.78	0.03	6.0	2.3	500
Q016689		0.49	0.30	0.25	<0.1	<0.005	0.03	0.5	1.0	13.10	212	0.10	<0.01	0.1	1.3	170
Q016690		2.97	15.30	0.20	1.2	0.044	3.28	27.1	17.5	0.89	2180	0.19	0.04	6.2	2.0	580
Q016691		3.36	15.20	0.19	1.3	0.259	3.13	27.8	15.6	0.78	1900	2.00	0.04	6.2	2.6	540
Q016692		3.48	15.45	0.17	1.2	0.159	3.17	26.2	16.0	0.83	2040	1.31	0.04	6.4	3.0	530
Q016693		3.44	15.00	0.15	1.2	0.137	3.18	25.6	11.3	0.74	1900	0.62	0.04	6.5	2.3	560
Q016694		3.04	15.35	0.17	1.3	0.067	3.34	26.6	13.1	0.67	1610	0.19	0.05	6.7	2.2	570
Q016695		3.05	16.50	0.18	1.1	0.121	2.96	29.1	9.5	0.57	1910	2.08	0.07	6.0	2.2	550
Q016696		0.50	0.40	0.33	<0.1	0.007	0.03	0.6	1.0	12.95	217	0.11	0.01	0.2	1.5	170
Q016697		2.95	15.20	0.22	1.3	0.093	2.75	27.4	11.6	0.65	3890	0.79	0.06	6.5	2.0	480
Q016698		2.92	12.80	0.23	0.9	0.066	2.64	24.1	10.0	0.61	2170	0.21	0.03	5.5	2.2	510
Q016699		3.69	14.55	0.16	1.0	0.087	3.06	27.5	18.4	0.72	3050	0.15	0.04	6.5	2.3	620
Q016700		3.51	15.30	0.20	1.2	0.142	3.57	27.2	5.8	0.52	2340	0.54	0.05	7.2	3.1	540
Q924001		3.24	15.65	0.22	1.3	0.148	3.39	27.8	5.0	0.46	1960	0.38	0.07	6.9	2.1	530
Q924002		4.07	14.55	0.11	0.8	0.227	2.41	14.7	10.5	0.35	1490	0.58	0.07	4.9	2.2	360
Q924003		3.94	18.65	0.13	1.1	0.169	3.36	26.2	9.2	0.45	1210	0.38	0.06	6.7	2.8	520
Q924004		5.71	16.95	0.06	1.1	0.133	2.92	24.4	9.0	0.52	1820	0.91	0.06	5.8	2.9	460
Q924005		5.78	17.20	0.07	1.0	0.136	2.93	24.8	8.8	0.54	1910	0.83	0.06	5.8	2.9	480
Q924006		3.57	13.70	0.12	1.0	0.121	2.64	23.5	15.7	0.50	1950	1.69	0.07	5.8	3.0	520
Q924007		3.20	16.35	0.16	3.3	0.091	1.86	34.1	65.7	0.82	1580	3.09	0.04	9.0	8.9	1090
Q924008		2.45	14.05	0.16	3.1	0.030	1.65	30.5	95.6	0.88	961	0.42	0.03	8.2	10.4	1020
Q924009		2.53	14.95	0.18	3.4	0.025	1.79	34.4	78.5	0.88	1080	0.34	0.03	8.4	10.8	1010
Q924010		4.87	14.65	0.14	1.0	0.288	2.95	26.1	25.9	0.76	1780	13.55	0.15	5.7	15.4	490
Q924011		2.63	11.45	0.14	1.2	0.047	1.88	21.0	45.4	0.78	1920	2.32	0.04	5.6	3.8	500
Q924012		2.99	17.70	0.17	3.9	0.042	2.00	39.1	93.1	0.93	1180	0.79	0.04	10.5	9.9	1410
Q924013		2.50	16.80	0.14	3.5	0.053	2.03	38.5	70.8	0.69	1080	2.98	0.04	10.8	8.0	1110
Q924014		2.75	19.95	0.20	4.2	0.054	2.47	42.5	66.7	0.77	1060	1.39	0.05	12.2	8.4	1270
Q924015		3.36	18.95	0.19	4.4	0.039	2.03	40.0	80.9	1.08	1260	1.03	0.03	11.5	12.2	1520
Q924016		3.33	18.35	0.16	4.1	0.045	2.09	37.6	51.8	1.15	1180	0.51	0.04	10.9	12.4	1490
Q924017		3.33	12.75	0.12	1.3	0.072	2.04	19.1	52.4	0.57	1980	1.00	0.04	6.2	3.6	510

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099436

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016682		17.9	125.5	0.003	0.14	8.57	10.0	<1	1.6	139.0	0.61	<0.05	11.2	0.274	2.27	5.3
Q016683		17.9	184.5	<0.002	0.59	7.19	9.4	<1	1.9	108.5	0.49	<0.05	10.3	0.252	2.66	4.7
Q016684		36.0	130.5	<0.002	0.30	7.15	9.3	<1	1.5	137.0	0.56	<0.05	10.1	0.256	2.61	4.5
Q016685		481	162.5	0.003	2.73	28.0	8.4	<1	5.5	108.0	0.47	0.26	11.3	0.202	2.48	4.8
Q016686		158.5	190.0	0.002	0.64	18.50	9.6	1	2.3	89.8	0.54	<0.05	12.3	0.236	2.74	5.0
Q016687		96.0	195.5	<0.002	0.50	8.94	9.8	<1	1.9	73.1	0.55	<0.05	12.2	0.244	2.69	3.3
Q016688		309	194.0	<0.002	1.52	23.9	9.1	1	3.3	71.2	0.51	<0.05	11.6	0.222	2.28	5.1
Q016689		1.7	1.3	<0.002	0.01	0.08	0.1	<1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q016690		25.3	182.5	<0.002	0.14	6.21	8.9	<1	1.2	58.5	0.54	<0.05	12.0	0.244	2.53	3.5
Q016691		135.5	188.5	0.003	0.60	9.19	9.1	<1	2.0	54.6	0.49	<0.05	12.4	0.227	2.39	3.4
Q016692		97.7	189.5	0.002	0.58	10.40	9.5	<1	2.0	56.8	0.54	<0.05	12.3	0.228	2.56	4.3
Q016693		61.5	192.5	<0.002	0.26	6.16	9.1	1	1.7	40.8	0.58	<0.05	12.1	0.231	2.56	2.0
Q016694		25.8	198.5	<0.002	0.15	6.25	10.1	<1	1.5	41.8	0.58	<0.05	12.3	0.242	2.69	3.9
Q016695		99.1	172.0	<0.002	0.67	9.25	8.3	<1	1.4	61.5	0.57	<0.05	11.9	0.220	2.34	7.8
Q016696		1.4	1.7	<0.002	<0.01	0.08	0.2	<1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q016697		83.7	172.5	0.002	0.59	15.65	8.5	1	1.6	69.3	0.68	<0.05	13.8	0.205	2.24	2.4
Q016698		88.5	168.5	<0.002	0.29	4.43	8.5	<1	1.5	45.6	0.41	<0.05	9.2	0.215	2.16	1.3
Q016699		309	188.0	<0.002	0.52	5.20	10.2	1	2.7	55.9	0.50	<0.05	10.7	0.265	2.40	1.9
Q016700		112.0	212	<0.002	0.67	6.85	10.6	<1	2.0	43.5	0.60	0.06	15.7	0.241	2.48	3.1
Q924001		88.8	201	<0.002	0.38	7.64	10.1	<1	1.8	42.5	0.64	<0.05	15.4	0.228	2.25	3.1
Q924002		137.5	137.0	<0.002	1.76	13.25	7.1	<1	2.4	40.6	0.44	<0.05	9.8	0.159	1.61	2.7
Q924003		127.5	200	<0.002	1.23	7.73	11.3	<1	2.9	57.9	0.54	<0.05	13.3	0.242	2.01	4.1
Q924004		107.5	184.5	<0.002	1.92	12.30	13.8	<1	2.7	63.8	0.47	<0.05	10.6	0.207	1.84	11.0
Q924005		107.0	188.5	<0.002	1.89	12.75	14.1	<1	2.7	64.8	0.45	<0.05	10.4	0.210	1.87	10.9
Q924006		107.5	162.5	<0.002	0.72	15.05	10.2	1	1.7	102.0	0.44	0.06	10.8	0.218	1.84	4.4
Q924007		171.5	104.5	<0.002	0.42	36.7	8.3	<1	1.5	256	0.58	<0.05	9.5	0.327	1.46	7.5
Q924008		16.9	79.6	<0.002	0.17	50.9	6.2	<1	0.9	371	0.49	<0.05	6.7	0.313	1.33	4.0
Q924009		16.4	82.8	<0.002	0.07	49.6	6.6	1	0.8	389	0.53	<0.05	7.7	0.338	1.32	6.0
Q924010		496	167.5	0.003	2.64	26.2	9.1	1	5.5	104.0	0.44	0.32	11.4	0.206	2.37	5.3
Q924011		63.8	103.0	<0.002	0.23	51.8	7.9	<1	1.2	173.5	0.41	<0.05	9.1	0.205	1.68	5.4
Q924012		16.3	94.0	<0.002	0.06	38.7	8.0	1	1.1	338	0.67	<0.05	8.8	0.394	1.35	6.5
Q924013		77.7	104.0	<0.002	0.52	50.7	7.5	1	1.5	310	0.71	<0.05	10.8	0.351	1.56	7.6
Q924014		38.5	117.0	<0.002	0.34	44.2	8.5	1	1.4	368	0.76	<0.05	10.7	0.411	1.72	9.3
Q924015		16.2	88.7	<0.002	0.03	34.8	8.7	<1	1.2	382	0.71	<0.05	9.0	0.435	1.40	7.4
Q924016		11.5	82.0	<0.002	0.04	36.4	8.0	<1	1.1	383	0.68	<0.05	8.5	0.427	1.36	3.8
Q924017		103.5	113.5	<0.002	1.23	45.0	8.7	<1	1.9	119.5	0.46	<0.05	10.1	0.225	1.69	4.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099436

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016682		75	1.7	12.3	106	27.3
Q016683		68	2.2	13.5	113	24.6
Q016684		70	2.0	13.2	110	27.6
Q016685		65	5.5	11.2	893	30.1
Q016686		69	2.0	15.2	318	25.8
Q016687		67	2.2	14.7	368	24.9
Q016688		65	2.2	8.8	541	26.1
Q016689		1	0.1	0.7	17	<0.5
Q016690		66	1.7	10.5	86	28.1
Q016691		66	2.5	10.9	527	28.3
Q016692		63	2.7	11.8	314	29.1
Q016693		61	2.6	10.4	177	30.1
Q016694		65	1.8	10.3	88	30.0
Q016695		75	2.3	9.4	240	26.0
Q016696		2	0.1	0.7	19	0.5
Q016697		73	1.5	10.3	231	29.2
Q016698		59	1.4	9.1	251	19.8
Q016699		74	1.9	10.4	699	22.6
Q016700		69	1.8	9.3	323	28.9
Q924001		67	2.3	7.0	192	29.1
Q924002		76	2.2	4.5	380	19.7
Q924003		106	5.0	5.7	304	26.6
Q924004		93	6.5	5.9	209	25.8
Q924005		96	6.4	5.9	217	26.0
Q924006		67	5.2	8.4	241	25.6
Q924007		75	4.7	12.2	926	129.0
Q924008		62	3.0	10.0	113	132.0
Q924009		64	2.4	10.7	107	138.5
Q924010		64	5.2	10.6	871	27.6
Q924011		64	2.6	10.3	90	39.0
Q924012		77	3.3	13.8	98	162.0
Q924013		71	4.7	14.9	217	133.5
Q924014		83	4.7	16.6	107	167.0
Q924015		81	5.5	15.4	102	181.5
Q924016		83	2.6	13.9	118	172.5
Q924017		62	3.1	9.5	192	40.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099436

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21d	LOG-22
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099437

Project: KLAZA

P.O. No.: Batch 19

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
PUL-QC	Pulverizing QC Test
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

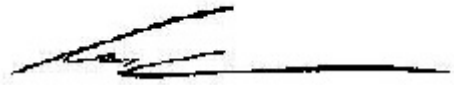
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099437

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016395		6.76	<0.005	0.36	7.18	77.9	1200	1.99	0.17	2.71	0.23	57.5	7.0	22	22.0	9.9
Q016396		1.15	0.574	33.2	8.21	5320	840	1.72	2.01	2.35	206	57.6	7.3	17	8.49	125.5
Q016397		5.61	<0.005	0.12	7.01	35.3	2580	1.51	0.13	2.51	0.41	60.5	5.6	14	15.85	4.0
Q016398		6.22	<0.005	0.11	7.39	22.4	1790	1.81	0.13	2.57	0.35	63.4	5.6	15	27.3	3.5
Q016399		4.52	0.006	0.48	7.50	52.3	2610	1.70	0.19	2.50	1.39	66.6	5.1	15	26.7	3.5
Q016400		3.84	0.259	2.27	6.87	604	940	1.50	1.22	1.56	18.55	50.4	11.7	12	14.45	31.5
Q016401		4.80	<0.005	0.18	7.23	17.7	2000	1.57	0.39	2.44	0.35	43.6	8.9	14	14.65	16.7
Q016402		2.34	<0.005	0.18	7.61	18.2	2060	1.56	0.39	2.54	0.52	43.0	9.9	11	14.20	13.8
Q016403		3.34	0.009	0.35	7.42	35.9	1890	1.55	0.50	2.52	0.67	44.5	7.6	12	13.00	14.2
Q016404		2.62	<0.005	0.20	7.36	12.1	2050	1.37	0.58	2.63	0.23	48.4	14.6	11	12.65	6.2
Q016405		0.25	0.351	4.55	7.03	740	910	1.41	3.79	2.12	10.90	49.8	13.0	26	14.00	327
Q016406		3.66	<0.005	0.13	7.78	6.7	2170	1.54	0.21	2.82	0.13	48.6	8.4	13	9.54	9.9
Q016407		1.78	<0.005	0.23	6.81	14.1	1390	1.64	1.49	3.33	0.10	36.9	7.5	12	14.65	11.0
Q016408		5.57	<0.005	0.06	7.52	29.9	2240	1.61	0.27	3.02	0.15	40.8	8.1	16	16.10	6.0
Q016409		0.27	0.362	4.64	7.03	750	520	1.41	3.98	2.14	11.00	45.6	12.9	29	13.55	333
Q016410		2.45	0.203	0.69	7.18	240	670	1.57	0.48	2.54	2.58	46.0	9.9	14	16.65	11.1
Q016411		1.23	0.423	1.95	4.42	564	590	0.82	0.85	5.01	11.80	22.3	11.2	9	7.31	12.2
Q016412		4.29	<0.005	0.25	6.92	31.8	2250	1.37	0.83	3.92	0.22	38.4	7.8	11	17.80	19.6
Q016413		2.50	<0.005	0.15	7.00	52.8	1310	1.42	0.43	5.12	0.55	47.2	6.4	10	18.60	5.0
Q016414		<0.02	<0.005	0.18	6.90	50.1	1210	1.47	0.39	4.86	0.90	45.5	6.1	10	18.20	5.3
Q016415		4.85	<0.005	0.14	7.02	17.2	1720	1.50	0.68	3.06	0.09	39.3	8.1	12	23.1	6.2
Q016416		1.02	<0.005	0.22	7.27	48.7	1200	1.24	0.45	2.88	1.23	45.8	7.7	11	21.4	12.3
Q016417		2.58	0.017	0.76	7.20	141.0	1530	1.66	1.02	2.69	0.89	46.8	9.3	11	18.50	27.4
Q016418		2.51	0.161	7.35	7.09	870	1600	1.34	0.46	2.21	5.83	52.6	7.4	11	17.10	36.3
Q016419		1.90	0.023	0.51	8.28	35.9	2260	1.35	0.21	1.21	0.60	47.1	6.9	12	17.00	32.7
Q016420		2.74	<0.005	0.16	7.56	22.0	2520	1.58	0.39	2.67	0.39	43.2	7.6	12	20.3	4.7
Q016421		3.00	0.301	4.81	7.47	1460	1330	1.28	0.81	1.74	11.70	52.5	6.8	11	16.60	31.8
Q016422		2.96	0.304	7.48	6.34	1385	1240	1.08	1.57	0.70	14.25	36.4	10.3	10	11.45	50.7
Q016423		6.66	<0.005	0.01	0.13	0.7	40	0.06	0.06	21.0	0.08	1.19	0.7	3	0.26	1.7
Q016424		2.43	0.378	17.35	7.00	988	840	1.37	4.09	1.09	14.80	46.7	7.2	10	14.20	402
Q016425		1.62	0.370	1.88	6.11	112.5	890	1.23	2.98	1.57	4.28	55.1	12.5	9	11.50	62.2
Q016426		2.71	0.005	0.14	7.15	10.2	2160	1.36	0.28	2.67	0.24	44.3	7.8	13	15.25	12.5
Q016427		3.01	0.308	8.19	7.39	1435	1380	1.27	13.50	1.66	4.68	52.9	8.0	12	13.40	128.0
Q016428		7.01	<0.005	0.01	0.06	1.5	30	0.05	0.05	20.6	0.07	1.31	0.7	1	0.15	3.4
Q016429		1.08	0.014	0.57	6.91	77.6	2600	1.67	0.27	3.43	0.69	60.9	6.7	17	25.0	17.0
Q016430		3.59	0.348	12.65	6.67	425	830	1.33	3.43	1.70	31.2	40.7	8.6	9	13.95	230

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016395		2.59	18.65	0.08	3.5	0.022	2.46	30.1	61.2	1.11	801	1.07	0.04	10.6	6.8	1130
Q016396		3.18	20.7	0.09	3.0	0.519	0.59	28.6	117.5	0.74	1080	2.65	0.03	14.5	4.6	1010
Q016397		2.36	17.55	0.09	2.5	0.026	1.59	31.4	132.5	0.88	759	1.04	0.04	11.6	3.5	870
Q016398		2.54	18.70	0.11	2.5	0.038	2.80	32.9	67.9	0.92	874	1.05	0.06	12.2	3.4	920
Q016399		2.60	18.70	0.12	2.6	0.030	2.78	34.4	63.0	0.91	1040	1.33	0.05	12.4	3.1	920
Q016400		4.19	15.70	0.09	1.4	0.150	2.97	28.2	25.3	0.70	2300	0.66	0.03	7.4	3.1	540
Q016401		3.32	16.50	0.11	1.5	0.076	2.97	21.4	27.8	0.78	1060	0.44	1.60	8.4	3.1	610
Q016402		3.44	17.20	0.10	1.5	0.069	3.06	21.5	31.1	0.85	1080	0.44	1.66	8.9	3.1	630
Q016403		3.46	16.30	0.11	1.2	0.089	3.18	22.8	15.2	0.82	1450	0.32	1.41	8.0	3.0	610
Q016404		3.48	16.70	0.09	1.3	0.075	2.98	24.7	14.4	0.84	902	0.29	1.95	8.2	2.8	630
Q016405		5.17	16.50	0.10	1.1	0.299	3.09	28.6	27.3	0.81	1920	14.00	0.16	6.7	15.3	550
Q016406		3.36	17.60	0.11	1.4	0.050	2.81	25.0	16.3	0.88	650	0.41	2.39	8.6	3.3	640
Q016407		3.12	16.45	0.11	1.4	0.054	2.87	17.4	13.6	0.86	1140	1.18	1.44	9.4	2.9	630
Q016408		3.16	17.35	0.10	1.1	0.036	2.96	19.9	12.5	0.76	799	1.25	1.79	8.6	3.2	650
Q016409		5.27	16.50	0.11	1.2	0.304	3.18	25.1	27.7	0.80	1940	15.80	0.16	6.9	15.7	560
Q016410		5.13	16.65	0.10	1.0	0.159	3.34	24.7	24.8	0.93	3560	2.28	0.05	7.4	3.2	660
Q016411		6.46	11.25	0.09	0.5	0.118	2.04	11.8	13.0	1.71	5410	2.48	0.13	4.1	2.5	350
Q016412		2.87	16.70	0.09	1.1	0.044	2.74	19.2	49.6	0.72	1170	2.09	0.07	8.0	2.8	630
Q016413		3.03	16.40	0.10	1.0	0.035	2.70	24.6	71.5	0.95	1240	1.72	0.11	7.8	2.6	630
Q016414		2.90	15.45	0.09	1.0	0.044	2.62	24.8	68.5	0.93	1220	4.42	0.10	7.4	2.6	590
Q016415		3.06	16.90	0.10	1.2	0.045	2.70	18.7	48.4	0.88	991	0.83	0.82	8.5	2.9	660
Q016416		3.10	16.50	0.09	1.2	0.057	2.17	23.6	74.0	0.95	1100	1.50	0.10	8.0	2.7	620
Q016417		3.33	16.90	0.11	1.3	0.036	3.65	24.3	38.3	0.90	3090	1.00	0.28	8.3	3.3	580
Q016418		4.19	15.40	0.12	1.2	0.171	2.98	29.7	23.6	0.83	9060	0.83	0.02	7.6	2.9	550
Q016419		3.16	19.05	0.11	1.4	0.053	1.97	24.5	39.3	0.51	1560	0.84	0.04	9.3	2.9	700
Q016420		3.09	17.25	0.11	1.2	0.043	3.61	21.8	30.2	0.93	1890	0.62	0.04	8.4	2.9	650
Q016421		3.34	16.75	0.11	1.1	0.200	3.19	30.1	22.4	0.65	6270	0.84	0.02	8.0	2.7	610
Q016422		5.18	14.05	0.09	0.9	0.312	3.04	19.6	13.5	0.43	8090	5.23	0.02	6.3	3.1	470
Q016423		0.52	0.32	0.07	<0.1	<0.005	0.04	0.6	1.2	12.85	243	0.12	0.01	0.3	1.8	180
Q016424		5.28	16.00	0.10	1.0	0.454	3.08	25.7	14.3	0.51	5010	4.09	0.02	7.1	3.3	540
Q016425		4.85	14.85	0.10	0.9	0.249	2.95	31.0	20.2	0.78	4040	1.78	0.04	6.4	2.9	500
Q016426		3.57	16.70	0.12	1.0	0.065	3.00	21.4	27.7	0.80	935	0.74	1.50	8.3	3.4	630
Q016427		5.12	17.10	0.12	1.0	0.320	3.73	28.7	18.1	0.80	1920	0.85	0.50	8.0	3.2	630
Q016428		0.49	0.22	0.10	<0.1	<0.005	0.03	0.6	1.1	12.55	207	0.14	<0.01	0.2	5.0	190
Q016429		2.62	17.75	0.13	3.5	0.033	2.69	31.5	36.8	1.23	1540	2.31	0.04	10.5	6.6	1070
Q016430		4.51	16.15	0.11	0.8	0.471	3.31	20.5	15.4	0.50	3990	2.84	0.13	7.2	3.4	560

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016395		28.8	107.0	0.003	0.17	13.70	6.9	1	1.4	987	0.72	<0.05	9.2	0.291	2.69	5.1
Q016396		6840	13.6	0.003	1.60	62.1	6.5	1	3.8	637	0.96	<0.05	9.8	0.302	0.73	13.2
Q016397		33.0	49.7	0.002	0.18	6.34	5.5	<1	1.4	370	0.74	<0.05	9.6	0.252	1.80	5.4
Q016398		18.6	97.4	0.002	0.09	8.04	6.1	<1	1.5	374	0.80	<0.05	9.9	0.261	2.12	5.5
Q016399		75.0	95.0	0.002	0.12	11.45	5.9	1	1.4	394	0.81	<0.05	10.4	0.260	2.27	5.7
Q016400		527	166.0	0.003	2.37	20.3	9.2	1	4.7	124.5	0.62	0.14	13.2	0.223	2.43	6.6
Q016401		47.0	114.5	0.003	0.18	4.96	10.4	1	2.6	330	0.72	<0.05	12.3	0.261	1.46	4.5
Q016402		32.7	117.5	0.003	0.14	5.09	10.7	<1	2.1	340	0.75	<0.05	13.1	0.277	1.54	5.1
Q016403		50.2	137.5	0.003	0.21	4.25	10.2	1	2.2	301	0.63	<0.05	11.6	0.259	1.95	4.3
Q016404		22.8	111.5	0.002	0.18	3.89	10.7	1	1.6	343	0.65	0.20	12.0	0.256	1.40	3.8
Q016405		501	167.0	0.006	2.80	28.8	9.5	1	5.8	113.0	0.52	0.34	11.8	0.207	2.50	5.4
Q016406		20.2	96.0	0.002	0.01	2.03	11.4	<1	1.9	424	0.68	<0.05	13.0	0.278	1.00	3.8
Q016407		12.1	113.0	0.002	0.07	10.40	10.0	1	2.8	189.0	0.90	<0.05	9.8	0.269	1.76	4.5
Q016408		18.5	114.5	0.002	0.03	10.55	10.8	1	1.9	332	0.68	<0.05	10.0	0.270	1.36	2.5
Q016409		503	151.5	0.006	2.85	29.3	9.1	1	5.9	113.0	0.53	0.44	11.1	0.213	2.60	5.4
Q016410		131.5	203	0.003	0.96	20.7	11.2	1	3.4	55.6	0.56	<0.05	11.8	0.242	2.58	4.1
Q016411		257	131.5	0.004	4.34	23.1	6.6	1	3.5	95.5	0.32	0.07	6.3	0.141	1.73	4.5
Q016412		22.4	87.6	0.003	0.12	17.55	10.0	1	4.9	136.0	0.62	<0.05	9.3	0.270	1.57	2.4
Q016413		76.6	106.5	0.002	0.14	24.2	10.6	1	5.0	139.0	0.63	<0.05	11.0	0.264	1.84	2.6
Q016414		107.5	113.0	0.004	0.13	23.2	10.4	1	4.8	132.0	0.59	<0.05	11.2	0.259	1.80	2.6
Q016415		13.5	89.5	0.002	0.15	18.40	10.6	<1	2.2	178.0	0.64	<0.05	10.0	0.281	1.59	3.2
Q016416		33.8	80.5	0.003	0.21	19.30	10.1	1	2.1	140.5	0.62	<0.05	11.7	0.262	1.75	3.9
Q016417		63.7	148.0	0.003	0.61	17.55	10.0	1	4.9	140.0	0.75	<0.05	14.2	0.252	2.73	6.6
Q016418		439	186.0	0.002	1.60	40.4	10.2	1	3.2	113.5	0.64	<0.05	15.4	0.231	2.83	5.6
Q016419		33.5	90.5	0.002	0.28	27.3	11.4	<1	3.4	70.5	0.72	<0.05	14.5	0.298	1.24	2.8
Q016420		36.5	152.5	0.003	0.27	10.30	10.7	1	2.3	130.5	0.65	<0.05	12.0	0.276	3.31	4.4
Q016421		249	200	0.003	1.60	39.3	10.4	1	6.5	101.5	0.63	<0.05	14.2	0.265	2.97	9.7
Q016422		841	200	0.002	3.81	56.9	8.8	1	4.8	29.1	0.47	<0.05	9.8	0.210	2.61	5.8
Q016423		2.5	1.8	0.002	0.03	0.11	0.2	1	<0.2	52.4	<0.05	<0.05	0.2	<0.005	0.02	0.7
Q016424		1370	182.0	0.003	3.63	176.0	10.0	1	10.0	47.8	0.55	<0.05	11.9	0.232	2.49	6.7
Q016425		199.5	164.0	<0.002	1.49	21.3	9.6	1	4.6	68.1	0.52	0.09	12.1	0.217	2.33	4.9
Q016426		24.5	101.0	<0.002	0.09	4.10	11.0	1	2.3	315	0.64	<0.05	10.6	0.286	1.48	3.4
Q016427		223	184.5	0.002	1.12	15.65	11.7	1	4.5	136.5	0.65	<0.05	13.4	0.266	2.44	5.1
Q016428		1.6	1.2	<0.002	0.01	0.12	0.2	<1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q016429		43.5	112.0	<0.002	0.29	74.5	6.5	1	1.8	409	0.75	<0.05	9.0	0.295	3.71	4.5
Q016430		779	158.5	0.002	3.31	73.7	10.7	1	7.5	95.9	0.50	0.11	8.4	0.256	2.51	4.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099437

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q016395		63	1.9	12.9	71	139.5	
Q016396		58	3.4	10.9	>10000	109.0	1.375
Q016397		48	2.0	12.2	121	87.3	
Q016398		51	2.6	13.1	98	92.5	
Q016399		50	2.4	13.4	159	95.2	
Q016400		63	3.8	10.8	1420	36.3	
Q016401		73	1.7	15.1	85	37.6	
Q016402		76	1.6	15.8	94	37.9	
Q016403		72	1.7	13.9	107	31.4	
Q016404		76	1.3	15.1	66	34.0	
Q016405		68	5.8	12.2	920	32.3	
Q016406		81	1.0	17.0	53	37.9	
Q016407		75	2.8	12.4	66	30.5	
Q016408		78	5.1	14.3	63	26.8	
Q016409		69	6.1	11.8	944	33.0	
Q016410		74	6.8	13.8	298	26.0	
Q016411		45	4.7	8.5	993	13.4	
Q016412		77	4.1	13.0	60	27.4	
Q016413		74	2.6	14.3	112	27.1	
Q016414		71	2.5	14.1	140	24.5	
Q016415		77	5.8	11.9	61	28.2	
Q016416		75	4.1	15.1	183	28.2	
Q016417		73	2.2	13.5	118	33.6	
Q016418		64	3.0	14.3	564	29.0	
Q016419		80	5.6	14.9	116	36.2	
Q016420		76	1.8	12.8	84	33.9	
Q016421		74	3.1	13.4	1580	30.3	
Q016422		61	3.5	8.3	1400	24.8	
Q016423		1	0.1	0.8	22	<0.5	
Q016424		71	6.7	10.5	1350	24.3	
Q016425		61	9.1	11.3	619	18.8	
Q016426		78	2.4	14.7	81	24.1	
Q016427		75	7.2	13.4	563	23.9	
Q016428		1	0.1	0.7	17	<0.5	
Q016429		61	1.7	13.3	121	134.5	
Q016430		71	6.3	10.6	3460	20.5	

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099437

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
Au-AA24	ME-MS61	ME-OG62	PUL-31
PUL-31d	PUL-QC	Zn-OG62	

ALS Canada Ltd.

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099438

Project: KLAZA

P.O. No.: Batch 20

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099438

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924018		12.51	<0.005	0.49	6.69	26.4	900	1.30	0.60	1.68	1.83	45.3	6.1	10	16.60	12.2
Q924019		8.60	0.029	0.90	6.10	92.5	620	1.34	0.19	1.99	6.01	46.3	6.7	9	19.50	29.1
Q924020		12.11	0.006	0.22	7.85	10.6	1010	1.29	0.18	1.46	1.08	51.6	7.2	10	29.5	13.6
Q924021		11.08	<0.005	0.12	7.32	10.6	2350	1.24	0.19	2.41	0.19	41.9	7.5	9	29.5	10.7
Q924022		4.99	<0.005	0.14	7.22	10.4	2160	1.21	0.17	2.71	0.17	42.8	7.6	8	28.0	11.8
Q924023		7.98	0.010	0.23	7.39	127.0	1480	1.40	0.25	2.57	0.27	42.5	7.6	10	28.2	10.2
Q924024		7.69	0.190	2.99	6.57	377	960	1.74	2.96	2.07	15.15	50.7	9.5	7	31.4	54.1
Q924025		7.32	<0.005	0.01	0.10	0.9	50	0.07	0.03	21.1	0.10	1.32	0.7	1	0.35	1.7
Q924026		10.83	<0.005	0.40	7.06	32.6	1400	1.39	0.48	2.53	0.65	45.2	7.0	11	10.25	8.8
Q924027		7.69	0.022	0.44	6.28	76.3	1550	1.37	0.95	2.79	0.75	41.1	8.1	10	12.45	12.1
Q924028		6.78	<0.005	0.29	6.28	26.1	1270	1.40	4.12	3.07	0.17	36.9	7.6	11	9.11	6.8
Q924029		7.96	0.011	0.35	5.92	7.3	1020	1.53	9.31	3.03	0.30	32.0	7.2	13	11.00	2.4
Q924030		<0.02	0.015	0.34	6.05	7.0	1040	1.63	9.30	3.10	0.30	32.3	7.1	13	10.85	2.7
Q924031		11.32	<0.005	0.10	6.42	6.9	1240	1.44	1.75	3.10	0.15	35.1	7.8	16	9.33	4.5
Q924032		8.24	<0.005	0.16	6.52	3.9	1480	1.48	0.86	2.84	0.18	32.7	7.3	11	10.05	2.7
Q924033		8.44	<0.005	0.11	5.91	5.1	1580	1.41	1.47	3.26	0.23	35.0	7.2	11	10.65	3.1
Q924034		9.68	<0.005	0.14	6.68	4.9	2480	1.46	0.90	2.70	0.19	36.0	7.3	10	9.37	9.6
Q924035		12.60	<0.005	0.03	6.12	5.0	1140	1.47	1.57	3.29	0.19	37.3	7.2	11	11.30	2.9
Q924036		9.42	<0.005	0.05	7.15	25.2	2020	1.50	0.10	2.72	0.74	43.8	7.8	12	11.05	11.9
Q924037		2.87	<0.005	0.12	8.50	441	1300	1.47	0.12	0.32	5.68	54.0	7.4	10	19.55	33.6
Q924038		3.77	<0.005	0.11	8.05	622	1430	1.49	0.12	0.23	6.96	53.1	10.1	10	13.60	25.8
Q924039		0.29	0.358	4.36	6.76	724	440	1.35	3.78	2.03	10.05	45.3	12.0	25	12.15	312
Q924040		6.65	0.008	0.39	7.80	654	1800	1.43	0.12	0.54	7.83	55.4	8.0	10	14.45	46.3
Q924041		3.08	0.016	1.52	7.72	1190	4360	1.52	0.34	0.70	15.35	42.7	9.4	9	18.70	170.5
Q924042		4.09	<0.005	0.12	7.45	170.0	2390	1.37	0.14	1.35	6.87	40.0	7.4	9	19.15	29.3
Q924043		6.00	0.025	1.01	5.36	360	1280	1.34	1.07	2.20	10.95	26.1	9.8	9	22.4	30.2
Q924044		9.49	<0.005	0.10	8.11	104.0	1850	1.33	0.12	1.22	1.81	43.8	7.9	10	17.95	13.6
Q924045		4.59	<0.005	0.10	8.34	123.5	1870	1.27	0.12	1.21	1.90	46.6	8.2	11	17.55	17.4
Q924046		8.47	<0.005	0.09	7.27	33.4	2230	1.50	0.13	2.64	0.22	41.0	8.6	11	15.15	7.8
Q924047		2.70	<0.005	0.10	6.48	82.0	2970	1.64	0.11	2.86	0.50	34.4	6.1	10	29.2	12.8
Q924048		7.77	<0.005	0.09	7.43	10.9	2060	1.41	0.15	2.90	0.22	44.1	8.0	12	10.75	6.3
Q924049		3.31	<0.005	0.09	7.44	147.5	2000	1.56	0.12	2.43	2.56	44.5	7.6	11	18.50	13.1
Q924050		9.00	<0.005	0.06	7.45	159.5	2690	1.61	0.10	2.53	2.21	45.6	7.8	11	13.30	12.6
Q924051		0.27	0.368	4.48	6.87	719	530	1.31	3.97	2.06	10.45	47.5	12.4	24	12.60	314
Q924052		9.10	<0.005	0.08	7.16	90.2	2050	1.60	0.11	2.37	1.71	42.5	8.5	12	11.45	13.4
Q924053		3.89	0.006	4.18	6.58	286	1200	1.29	7.65	1.81	5.24	42.9	6.9	11	14.95	110.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924018		3.36	13.85	0.12	1.1	0.100	2.26	24.3	80.8	0.78	2010	0.55	0.06	6.1	2.4	520
Q924019		3.17	13.95	0.13	1.0	0.170	1.79	24.0	99.3	0.75	2930	1.10	0.02	6.1	2.6	480
Q924020		3.41	16.40	0.12	1.2	0.044	2.05	26.1	165.5	0.71	1180	1.66	0.05	7.5	2.4	640
Q924021		3.21	15.75	0.20	1.1	0.039	2.24	19.4	153.0	0.77	995	2.25	0.09	7.4	2.6	620
Q924022		3.36	15.45	0.20	1.1	0.069	2.18	20.3	122.0	0.92	1120	1.73	0.09	7.1	2.4	630
Q924023		3.35	16.35	0.17	1.2	0.043	2.45	19.8	67.6	0.94	1110	2.00	0.09	7.8	2.6	640
Q924024		5.04	14.80	0.13	1.3	0.440	2.58	26.4	25.4	0.79	3030	1.78	0.06	6.8	4.6	540
Q924025		0.51	0.41	0.34	<0.1	0.006	0.03	0.6	1.6	13.00	225	0.08	<0.01	0.2	1.7	170
Q924026		3.05	14.40	0.24	1.3	0.049	3.63	21.8	12.8	0.78	2820	0.16	0.05	7.1	2.4	580
Q924027		2.83	14.10	0.22	1.1	0.058	3.34	19.9	8.0	0.74	1990	0.16	0.04	6.6	2.9	520
Q924028		2.83	14.35	0.25	1.1	0.033	2.55	15.0	36.5	0.73	1600	0.11	0.77	7.1	2.5	560
Q924029		2.81	14.30	0.18	1.1	0.044	2.28	12.7	24.2	0.75	1420	0.15	1.31	6.9	2.9	570
Q924030		2.82	13.95	0.20	1.0	0.039	2.27	12.9	23.2	0.77	1440	0.13	1.33	6.8	2.7	570
Q924031		2.93	14.90	0.26	1.0	0.031	2.16	13.7	19.1	0.69	1320	0.20	1.80	7.5	3.0	590
Q924032		2.80	14.15	0.26	1.0	0.033	2.12	13.0	18.8	0.64	1260	0.24	1.75	7.1	2.4	550
Q924033		2.76	13.95	0.23	0.9	0.037	1.94	14.5	42.2	0.79	1230	0.14	0.82	6.6	2.5	530
Q924034		2.92	14.60	0.23	1.0	0.041	2.41	14.6	27.4	0.85	1150	0.14	0.98	7.0	2.5	560
Q924035		2.77	14.50	0.29	1.1	0.034	2.04	15.4	37.7	0.69	1210	0.23	1.35	7.0	2.3	550
Q924036		3.06	15.95	0.22	1.3	0.037	2.63	20.4	9.0	0.75	825	1.04	2.01	7.4	2.9	670
Q924037		3.29	17.60	0.37	1.5	0.049	3.16	30.7	62.1	0.22	1570	2.01	0.10	8.3	3.2	750
Q924038		3.20	17.40	0.34	1.5	0.051	3.17	29.1	29.9	0.35	1600	2.06	0.07	8.3	3.1	720
Q924039		5.10	15.10	0.26	1.1	0.288	3.02	26.4	25.0	0.78	1840	13.75	0.15	5.8	14.3	560
Q924040		3.33	16.50	0.31	1.4	0.043	3.13	31.0	28.3	0.42	1400	1.54	0.09	7.9	2.9	690
Q924041		4.17	16.85	0.31	1.3	0.088	3.63	21.7	21.6	0.18	2720	2.79	0.07	7.5	3.1	680
Q924042		3.57	16.60	0.36	1.3	0.062	2.63	19.3	125.5	0.36	1240	1.17	0.06	7.5	2.9	680
Q924043		3.31	14.45	0.32	1.1	0.221	2.40	11.3	67.3	0.26	2440	1.53	0.04	6.1	2.7	520
Q924044		3.16	18.95	0.36	1.5	0.048	2.83	20.3	39.3	0.25	825	1.36	0.21	8.7	2.9	760
Q924045		3.01	19.35	0.46	1.4	0.051	2.89	22.8	45.4	0.23	899	1.27	0.16	8.7	3.0	760
Q924046		3.24	17.25	0.41	1.3	0.040	2.64	19.1	19.5	0.75	623	0.87	2.16	8.0	3.3	690
Q924047		2.68	17.65	0.41	1.3	0.046	2.74	16.1	26.9	0.31	546	1.21	1.02	8.1	3.1	690
Q924048		3.02	16.75	0.48	1.3	0.037	2.65	21.2	14.2	0.82	674	0.81	2.15	7.6	2.9	700
Q924049		3.01	17.45	0.49	1.3	0.042	2.78	21.8	17.1	0.58	624	1.09	1.76	7.7	3.0	720
Q924050		3.17	16.50	0.52	1.3	0.041	2.52	22.7	12.9	0.68	640	1.10	2.27	7.4	3.1	680
Q924051		5.19	15.45	0.23	1.2	0.307	3.10	27.9	25.9	0.80	1860	13.95	0.16	5.9	14.1	570
Q924052		3.14	16.55	0.38	1.3	0.044	2.60	19.7	20.4	0.83	639	0.82	2.11	7.7	3.1	690
Q924053		2.66	14.00	0.42	1.1	0.037	2.53	21.9	41.5	0.59	814	0.94	0.63	6.5	2.9	580

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924018		87.4	128.0	<0.002	0.21	14.50	10.0	<1	1.6	116.0	0.49	<0.05	12.0	0.228	1.59	5.2
Q924019		99.7	109.5	<0.002	0.50	39.1	10.5	<1	1.3	155.5	0.41	0.07	9.9	0.215	1.64	6.4
Q924020		35.0	94.1	<0.002	0.04	17.45	12.3	<1	1.6	153.5	0.54	<0.05	12.5	0.285	1.18	2.0
Q924021		18.3	83.9	<0.002	0.06	16.85	11.3	<1	1.8	228	0.51	<0.05	9.5	0.277	1.07	4.6
Q924022		18.3	80.3	<0.002	0.06	15.25	11.2	<1	1.8	239	0.53	<0.05	9.5	0.270	1.16	5.0
Q924023		21.8	80.9	<0.002	0.10	12.85	12.1	<1	2.0	227	0.55	<0.05	9.9	0.293	1.52	3.4
Q924024		622	146.5	<0.002	3.15	19.15	10.4	1	3.3	178.0	0.53	<0.05	11.6	0.234	1.88	8.3
Q924025		2.2	1.8	<0.002	0.02	0.10	0.2	<1	<0.2	51.6	<0.05	<0.05	0.2	<0.005	<0.02	0.9
Q924026		38.7	171.0	<0.002	0.23	6.92	10.2	<1	1.6	93.6	0.56	<0.05	11.9	0.264	2.27	3.4
Q924027		64.9	149.5	<0.002	0.14	6.18	9.7	<1	1.9	108.5	0.50	0.13	10.5	0.231	1.99	4.2
Q924028		22.1	99.3	<0.002	0.09	4.18	9.5	<1	1.6	164.5	0.55	0.14	9.3	0.260	1.48	3.5
Q924029		28.4	88.5	<0.002	0.01	4.24	9.0	1	1.3	225	0.55	1.33	8.0	0.255	1.43	2.5
Q924030		27.6	87.3	<0.002	0.01	4.21	9.0	1	1.2	227	0.53	1.33	8.2	0.255	1.33	2.7
Q924031		22.9	74.4	<0.002	0.01	2.73	9.9	<1	1.6	266	0.59	<0.05	8.7	0.274	1.09	3.1
Q924032		20.9	78.6	<0.002	0.02	2.55	9.5	<1	1.3	279	0.55	<0.05	8.3	0.247	1.11	3.0
Q924033		23.4	66.1	<0.002	0.03	3.72	9.0	<1	1.3	221	0.53	<0.05	9.0	0.237	0.98	2.8
Q924034		17.4	89.8	<0.002	0.04	2.46	9.8	1	1.3	203	0.57	<0.05	9.1	0.260	1.27	3.5
Q924035		24.5	81.8	<0.002	0.01	5.10	9.6	<1	1.3	264	0.54	<0.05	9.4	0.247	1.07	3.2
Q924036		14.6	99.0	<0.002	0.01	2.33	10.5	1	1.5	336	0.63	<0.05	11.3	0.276	1.05	1.8
Q924037		16.5	154.0	<0.002	<0.01	22.6	12.5	1	1.7	64.6	0.74	<0.05	15.2	0.301	1.58	3.1
Q924038		20.4	164.0	<0.002	<0.01	24.5	12.5	1	1.9	50.8	0.73	<0.05	14.3	0.283	1.82	2.9
Q924039		489	158.5	0.002	2.84	27.4	8.9	1	5.3	108.5	0.47	0.28	10.9	0.202	2.37	4.5
Q924040		110.0	153.0	<0.002	0.03	35.1	11.4	1	1.7	62.6	0.72	<0.05	14.4	0.279	1.75	3.1
Q924041		184.5	194.5	<0.002	0.10	59.2	12.0	1	2.3	74.7	0.60	<0.05	12.9	0.272	2.49	4.5
Q924042		16.9	115.0	<0.002	0.07	19.95	11.2	1	1.7	110.0	0.62	<0.05	11.1	0.277	1.49	3.1
Q924043		163.0	96.3	<0.002	0.10	30.9	8.7	1	1.5	126.0	0.50	<0.05	7.6	0.233	1.70	2.8
Q924044		19.7	123.5	<0.002	0.01	18.05	12.4	1	2.0	92.1	0.69	<0.05	12.8	0.299	1.37	2.8
Q924045		18.6	123.0	<0.002	0.01	18.35	12.1	<1	2.2	87.4	0.69	<0.05	13.9	0.320	1.27	3.0
Q924046		16.7	96.3	<0.002	<0.01	3.25	11.6	1	1.7	377	0.64	<0.05	11.0	0.298	1.02	1.7
Q924047		14.5	93.7	<0.002	0.03	8.71	10.1	1	2.4	182.5	0.65	<0.05	9.1	0.285	1.33	4.5
Q924048		16.1	102.0	<0.002	0.01	2.43	11.4	1	1.5	367	0.62	<0.05	12.3	0.275	1.03	2.0
Q924049		16.5	105.0	<0.002	0.01	6.11	11.7	1	1.5	307	0.63	<0.05	12.6	0.291	1.29	1.9
Q924050		15.4	98.6	<0.002	0.03	3.40	11.6	1	1.5	322	0.59	<0.05	12.1	0.280	0.99	1.8
Q924051		501	163.5	0.002	2.88	27.6	9.0	2	5.6	109.5	0.48	0.31	11.0	0.215	2.42	4.8
Q924052		17.1	94.1	<0.002	0.01	3.18	11.5	1	1.6	342	0.62	<0.05	12.0	0.279	1.06	1.7
Q924053		100.5	117.0	<0.002	0.09	8.83	9.8	1	1.6	133.5	0.55	0.30	11.8	0.243	1.30	4.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924018		67	5.3	12.2	266	23.7
Q924019		67	5.2	11.5	610	23.0
Q924020		79	4.5	13.8	156	27.5
Q924021		79	3.6	13.5	68	26.1
Q924022		79	3.2	14.4	70	26.2
Q924023		87	3.1	13.5	77	27.6
Q924024		69	3.9	13.3	1450	31.4
Q924025		2	0.2	0.8	21	0.7
Q924026		73	2.2	11.2	126	27.8
Q924027		68	2.0	10.9	140	25.5
Q924028		66	1.5	10.1	184	25.2
Q924029		68	1.6	10.0	242	22.9
Q924030		70	1.6	9.8	248	22.9
Q924031		74	2.4	10.0	237	22.0
Q924032		68	2.3	10.1	234	21.6
Q924033		64	1.7	10.1	219	20.9
Q924034		70	1.5	9.7	202	20.9
Q924035		68	1.8	10.9	172	23.7
Q924036		78	1.5	13.5	199	30.8
Q924037		85	4.6	16.3	1500	36.4
Q924038		83	5.6	16.3	1640	34.5
Q924039		66	5.3	10.7	897	30.4
Q924040		82	5.4	16.6	1230	33.4
Q924041		80	5.4	15.8	2210	32.3
Q924042		80	5.9	14.3	918	32.6
Q924043		71	3.6	10.0	1300	27.2
Q924044		92	7.5	15.0	408	35.6
Q924045		89	8.2	15.5	416	35.7
Q924046		83	1.2	15.1	92	30.4
Q924047		84	1.7	12.5	113	32.5
Q924048		82	1.0	15.2	90	30.4
Q924049		83	1.2	15.2	412	32.1
Q924050		80	1.4	14.3	494	32.6
Q924051		67	5.6	11.0	898	30.9
Q924052		81	1.4	14.4	355	31.8
Q924053		67	1.3	11.8	630	28.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 9-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099438

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21d	LOG-22
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099439

Project: KLAZA

P.O. No.: Batch 22

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
PUL-31	Pulverize split to 85% <75 um
LOG-21	Sample logging - ClientBarCode
PUL-QC	Pulverizing QC Test
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099439

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q016431		2.70	1.455	29.3	6.48	3310	790	1.76	8.89	1.94	28.7	46.3	7.1	14	20.7	206
Q016432		2.05	<0.005	0.19	7.41	51.7	570	1.90	0.25	2.59	0.25	68.2	4.9	14	22.3	8.1
Q016433		1.45	0.014	0.14	7.78	35.9	580	2.15	0.13	2.27	0.39	79.3	9.4	33	28.9	14.9
Q016434		2.82	0.215	5.51	6.30	336	490	1.61	1.26	2.54	12.75	52.2	8.0	12	24.1	60.8
Q016435		2.42	0.023	0.59	6.69	121.0	1500	1.52	0.24	3.23	1.22	50.1	7.1	8	19.05	22.3
Q016436		5.14	0.005	1.66	6.94	33.7	1640	1.42	0.24	3.00	0.35	55.0	7.5	9	12.90	27.1
Q016437		4.53	0.131	2.49	6.58	306	810	1.40	0.86	1.59	3.54	48.4	12.0	12	22.4	103.0
Q016438		7.02	<0.005	0.02	0.08	0.4	50	0.05	0.03	21.0	0.07	1.29	0.8	1	0.17	2.7
Q016439		4.00	<0.005	0.11	8.00	7.8	1960	1.37	0.28	1.38	0.22	50.7	8.2	11	19.55	8.7
Q016440		6.36	<0.005	0.18	7.91	7.8	2210	1.46	0.32	2.32	0.11	51.3	9.7	12	11.00	26.1
Q016441		6.06	<0.005	0.25	6.25	21.1	700	1.22	0.43	2.13	0.26	49.3	6.4	9	18.50	13.2
Q016442		5.73	<0.005	0.09	6.70	9.4	1940	1.46	0.22	2.69	0.23	48.7	6.7	10	14.55	6.8
Q016443		3.76	<0.005	0.07	6.97	12.2	1830	1.43	0.24	2.34	0.18	43.8	6.9	11	12.75	9.8
Q016444		0.30	0.880	11.75	6.43	1540	1200	1.32	11.50	1.86	32.5	46.5	17.0	20	13.75	288
Q016445		4.72	<0.005	0.48	7.17	18.6	1980	1.46	0.51	2.61	0.33	55.9	7.4	10	16.05	13.3
Q016446		5.28	<0.005	0.18	6.73	14.0	1040	1.45	0.35	1.85	0.25	41.0	6.7	12	27.7	13.6
Q016447		5.90	<0.005	0.10	7.53	9.1	2880	1.43	0.29	1.53	0.12	42.2	7.3	11	28.0	11.0
Q016448		3.03	<0.005	0.09	7.92	9.1	1950	1.37	0.29	1.43	0.12	45.4	7.2	11	29.9	14.0
Q016449		2.13	<0.005	0.30	6.76	39.2	1290	1.37	0.67	3.72	0.25	49.8	8.1	10	19.10	11.8
Q016450		4.67	<0.005	0.13	7.16	34.2	3010	1.59	0.15	2.36	0.09	43.1	5.8	13	13.95	7.7
Q016451		2.24	0.024	0.50	6.55	54.8	1500	1.51	0.25	2.42	1.13	46.0	6.6	10	17.55	7.5
Q016452		<0.02	0.027	0.55	6.75	60.6	1520	1.49	0.28	2.43	1.13	48.4	6.8	10	17.75	8.4
Q016453		5.57	<0.005	0.08	7.32	5.5	2280	1.59	0.17	2.54	0.12	50.7	6.7	14	8.39	5.5
Q016454		2.66	<0.005	0.10	7.15	16.9	1790	1.34	0.24	1.87	0.30	42.0	6.0	9	12.55	7.0
Q016455		1.74	0.021	1.37	5.57	118.5	1070	1.31	0.70	3.21	3.03	45.9	13.0	8	13.40	8.5
Q016456		7.20	<0.005	0.01	0.07	0.2	60	<0.05	0.02	20.6	0.07	1.23	0.7	<1	0.22	1.7
Q016457		4.38	<0.005	0.27	6.52	111.5	1470	1.34	0.20	2.59	0.55	45.3	6.8	9	24.2	15.3
Q016458		6.40	<0.005	0.09	6.97	20.8	2200	1.33	0.13	2.85	0.13	47.6	7.4	12	13.25	7.8
Q016459		3.99	<0.005	0.07	7.04	6.5	2390	1.59	0.14	2.41	0.12	71.0	9.3	16	8.95	7.4
Q016460		2.55	<0.005	0.19	6.38	31.5	1490	1.36	0.28	2.39	0.15	44.6	6.7	9	16.15	10.3
Q016461		2.18	<0.005	1.36	6.80	79.3	2290	1.55	0.30	3.34	15.25	46.3	7.1	8	24.3	9.3
Q016462		3.67	0.018	1.17	6.76	155.0	760	1.51	0.46	2.48	8.23	43.3	8.9	9	20.2	8.9
Q016463		1.99	<0.005	0.15	7.50	13.7	1440	1.18	0.38	1.63	0.38	54.2	6.9	10	23.5	10.4
Q016464		0.25	0.886	11.10	6.33	1520	280	1.34	12.60	1.83	32.6	47.7	17.9	19	13.55	281
Q016465		2.51	<0.005	0.07	6.78	10.0	1740	1.17	0.24	2.34	0.15	41.6	7.3	9	22.3	12.4
Q016466		1.88	<0.005	0.12	7.20	10.4	1890	1.34	0.15	1.89	0.15	44.1	7.5	9	21.8	18.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016431		4.28	16.80	0.09	2.5	0.248	2.53	23.3	40.6	0.72	1390	1.86	0.04	9.2	5.6	850
Q016432		2.72	18.35	0.10	2.7	0.030	1.39	35.1	73.5	0.92	1060	1.65	0.03	12.6	3.7	960
Q016433		3.49	19.55	0.13	4.7	0.038	2.01	40.3	127.0	1.27	1080	1.08	0.04	12.7	12.3	1760
Q016434		3.69	14.50	0.11	1.7	0.095	2.36	28.6	37.9	0.93	3440	6.87	0.02	7.9	5.0	680
Q016435		3.32	14.40	0.12	1.2	0.054	2.71	28.0	36.3	1.13	2830	2.40	0.03	7.4	3.7	560
Q016436		3.32	14.45	0.11	1.0	0.060	2.56	29.7	69.4	1.14	1880	0.70	0.04	7.7	3.8	600
Q016437		5.60	15.75	0.13	1.1	0.120	2.97	26.4	26.3	0.69	1940	1.23	0.03	7.1	3.6	540
Q016438		0.53	0.27	0.10	<0.1	0.006	0.03	0.6	1.2	12.90	218	0.08	0.01	0.2	5.6	180
Q016439		3.17	17.50	0.15	1.3	0.046	2.71	25.7	40.2	0.67	729	0.86	0.14	8.8	3.0	680
Q016440		3.96	18.10	0.14	1.2	0.054	3.06	26.4	30.7	1.04	855	1.33	0.33	9.4	3.9	700
Q016441		2.62	13.65	0.11	1.6	0.070	2.00	27.2	66.5	0.80	1170	0.77	0.03	6.9	3.0	480
Q016442		3.15	14.40	0.11	1.1	0.033	2.31	26.9	105.5	0.98	1120	0.84	0.03	7.3	3.1	520
Q016443		2.99	15.40	0.13	1.1	0.033	2.39	23.0	119.5	0.85	907	0.60	0.04	7.5	2.9	560
Q016444		6.50	15.10	0.11	1.1	0.767	2.96	24.4	20.5	0.77	1760	9.16	0.12	6.8	12.5	530
Q016445		3.07	16.60	0.12	1.2	0.040	2.98	29.9	46.9	0.97	1260	1.02	0.06	8.5	3.2	580
Q016446		2.67	15.50	0.11	1.1	0.039	2.01	20.7	114.0	0.64	929	0.92	0.04	8.4	2.9	620
Q016447		3.10	17.90	0.11	1.2	0.045	2.73	20.7	42.6	0.55	650	0.89	0.30	9.1	3.2	640
Q016448		3.13	18.10	0.12	1.3	0.041	2.87	22.4	36.3	0.57	617	0.93	0.38	9.4	3.4	670
Q016449		3.45	14.40	0.11	1.2	0.045	2.45	27.3	57.4	1.30	1660	1.31	0.03	7.4	3.8	540
Q016450		2.54	15.65	0.13	1.0	0.042	3.12	22.0	16.6	0.60	756	0.84	1.92	7.4	2.8	500
Q016451		3.37	16.25	0.11	1.0	0.095	3.43	22.5	19.8	0.42	4860	1.43	0.84	8.4	3.1	550
Q016452		3.51	16.60	0.11	1.0	0.106	3.51	24.2	20.2	0.42	5170	1.60	0.85	8.5	3.1	560
Q016453		2.97	16.15	0.13	1.1	0.038	2.99	26.5	20.8	0.79	682	1.19	2.17	8.8	3.3	580
Q016454		2.72	16.65	0.11	1.3	0.044	3.04	21.2	39.4	0.33	760	1.28	0.42	9.6	2.9	580
Q016455		3.64	12.50	0.12	0.8	0.209	2.74	25.9	25.8	0.82	3930	1.63	0.04	6.2	3.4	450
Q016456		0.48	0.25	0.13	<0.1	<0.005	0.03	0.6	1.4	12.60	213	0.45	<0.01	0.2	5.2	170
Q016457		2.83	14.80	0.12	1.0	0.038	2.86	22.9	56.5	0.74	860	3.40	0.25	7.9	3.5	540
Q016458		3.14	15.85	0.12	1.0	0.036	2.72	23.9	20.4	0.78	723	1.74	1.79	8.5	3.6	610
Q016459		3.71	16.90	0.14	1.6	0.042	3.24	36.0	21.0	1.02	823	1.22	2.13	11.3	4.1	730
Q016460		2.37	14.90	0.11	1.5	0.032	3.10	23.3	85.1	0.64	657	2.07	0.35	8.1	3.1	470
Q016461		3.29	15.10	0.11	1.0	0.180	2.78	24.7	60.6	1.13	3450	1.69	0.04	7.9	3.5	550
Q016462		2.99	14.75	0.11	1.1	0.137	2.78	20.3	76.7	0.84	2680	2.29	0.04	7.7	2.6	550
Q016463		2.62	15.95	0.15	1.1	0.048	2.67	26.9	49.3	0.59	944	2.38	0.09	8.9	2.7	640
Q016464		6.40	15.10	0.13	1.1	0.758	2.82	23.7	18.2	0.75	1680	9.37	0.12	6.4	12.6	520
Q016465		2.80	16.10	0.10	1.0	0.047	2.73	19.5	52.4	0.74	786	1.87	0.17	8.2	3.4	560
Q016466		2.78	16.45	0.12	1.2	0.048	2.83	20.3	22.7	0.54	692	1.22	0.72	8.7	3.0	570

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016431		2130	103.5	0.002	2.85	112.5	7.5	<1	4.9	159.5	0.66	0.07	8.5	0.270	2.69	4.7
Q016432		20.0	48.1	<0.002	0.13	22.7	6.3	1	2.0	248	0.86	<0.05	10.3	0.281	1.82	5.4
Q016433		32.9	76.5	<0.002	0.04	24.3	8.4	1	1.2	540	0.83	<0.05	8.6	0.443	2.10	3.2
Q016434		467	151.0	0.002	1.88	55.1	8.6	1	2.9	331	0.59	<0.05	10.9	0.251	2.34	9.4
Q016435		40.9	162.5	<0.002	0.90	17.00	10.3	<1	4.2	130.0	0.66	<0.05	13.7	0.235	2.34	7.0
Q016436		16.2	132.0	<0.002	0.33	19.25	11.0	1	3.1	143.5	0.63	<0.05	13.1	0.258	1.83	3.3
Q016437		192.0	166.5	<0.002	3.79	37.8	10.5	1	2.4	64.2	0.58	0.05	12.9	0.238	1.92	3.5
Q016438		1.5	1.1	<0.002	<0.01	0.10	0.3	<1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q016439		24.4	97.7	<0.002	0.03	23.4	11.6	1	2.1	147.0	0.71	<0.05	13.7	0.295	1.15	2.9
Q016440		21.6	95.7	0.002	0.12	13.55	12.7	1	3.5	164.0	0.75	<0.05	12.8	0.306	1.30	5.0
Q016441		24.7	101.5	<0.002	0.15	35.5	9.7	1	2.9	135.5	0.65	<0.05	12.3	0.219	1.25	3.4
Q016442		11.4	108.0	<0.002	0.06	17.20	10.3	<1	1.7	137.0	0.62	<0.05	12.7	0.233	1.39	2.8
Q016443		12.6	84.5	<0.002	0.07	20.7	10.3	1	1.9	180.0	0.64	<0.05	11.0	0.255	1.25	2.9
Q016444		1310	164.0	0.002	4.61	65.9	9.4	2	8.2	96.2	0.55	1.57	11.2	0.209	2.55	5.2
Q016445		22.9	117.5	<0.002	0.12	20.3	11.1	1	2.2	136.0	0.75	<0.05	13.9	0.262	1.61	3.1
Q016446		20.6	70.2	<0.002	0.08	31.2	10.1	1	2.0	155.0	0.71	<0.05	11.0	0.268	1.29	4.5
Q016447		19.0	102.5	<0.002	0.05	19.50	12.0	1	2.3	162.0	0.79	<0.05	12.1	0.286	1.34	2.3
Q016448		18.5	110.5	<0.002	0.02	18.90	12.3	1	2.8	166.5	0.79	<0.05	13.6	0.295	1.27	2.8
Q016449		18.5	122.5	<0.002	0.24	19.50	10.2	1	2.1	137.5	0.60	<0.05	12.3	0.241	1.90	9.1
Q016450		21.4	114.0	<0.002	0.09	3.84	7.9	1	1.6	335	0.61	<0.05	12.9	0.210	1.43	2.6
Q016451		149.5	143.5	<0.002	0.66	26.7	8.7	1	1.9	172.0	0.60	<0.05	13.6	0.244	2.23	2.9
Q016452		163.5	151.5	<0.002	0.73	28.5	9.0	1	1.9	174.5	0.62	<0.05	13.6	0.245	2.21	2.9
Q016453		20.4	102.5	<0.002	0.02	2.58	9.9	1	1.7	359	0.69	<0.05	15.0	0.251	1.03	2.8
Q016454		24.5	107.5	<0.002	0.01	13.25	9.8	1	2.3	130.0	0.88	<0.05	13.2	0.259	1.31	2.9
Q016455		421	188.0	<0.002	1.02	38.0	8.4	<1	1.9	59.2	0.49	<0.05	11.4	0.187	2.27	4.3
Q016456		2.0	1.5	<0.002	<0.01	0.13	0.1	<1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q016457		64.5	108.0	<0.002	0.16	13.50	8.9	<1	2.9	116.0	0.63	<0.05	13.1	0.236	1.94	3.9
Q016458		19.7	92.3	<0.002	0.02	4.22	10.0	1	1.8	317	0.60	<0.05	12.4	0.263	1.15	2.2
Q016459		19.8	114.0	<0.002	0.02	2.23	13.8	1	2.1	321	0.92	<0.05	18.0	0.340	1.13	3.3
Q016460		18.4	94.1	<0.002	0.15	13.00	7.7	1	1.9	120.5	0.82	<0.05	15.6	0.207	1.56	3.7
Q016461		432	121.5	<0.002	0.37	9.11	10.1	1	2.2	143.0	0.86	<0.05	12.5	0.238	2.17	6.6
Q016462		273	129.5	<0.002	0.83	14.70	9.2	1	1.6	98.7	0.85	<0.05	11.3	0.244	2.58	4.2
Q016463		22.6	126.0	<0.002	0.12	19.45	10.5	1	1.8	106.5	0.81	<0.05	14.3	0.273	1.49	4.7
Q016464		1225	171.0	<0.002	4.60	62.1	9.4	1	7.6	93.6	0.54	1.11	12.0	0.210	2.40	5.9
Q016465		20.0	99.7	<0.002	0.07	12.05	9.2	1	1.9	125.5	0.80	<0.05	11.6	0.243	1.32	4.0
Q016466		17.6	124.5	<0.002	0.05	12.45	10.2	1	2.0	168.0	0.90	<0.05	11.9	0.260	1.42	4.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016431		61	3.7	9.6	2310	89.7
Q016432		53	2.1	13.1	82	92.3
Q016433		85	3.1	14.3	98	189.5
Q016434		62	4.3	12.2	979	62.1
Q016435		65	2.2	12.7	175	34.1
Q016436		73	2.7	12.1	90	25.2
Q016437		70	6.5	11.0	285	24.9
Q016438		2	0.4	0.8	16	0.5
Q016439		79	6.9	14.1	70	30.0
Q016440		82	3.8	15.2	71	29.9
Q016441		61	2.9	13.1	70	23.2
Q016442		68	1.8	14.4	72	25.1
Q016443		73	2.3	11.2	60	24.3
Q016444		62	6.2	11.1	2300	31.0
Q016445		72	2.1	14.2	73	28.4
Q016446		73	4.1	12.5	59	27.0
Q016447		82	5.1	14.2	62	29.0
Q016448		83	4.9	14.8	57	30.2
Q016449		70	3.2	16.6	75	25.0
Q016450		56	2.0	13.1	49	24.4
Q016451		66	2.7	13.0	127	25.2
Q016452		67	2.4	13.4	130	25.0
Q016453		68	2.4	15.8	55	24.6
Q016454		67	5.0	14.3	76	28.9
Q016455		58	2.6	14.8	253	18.8
Q016456		1	0.1	0.8	15	<0.5
Q016457		65	3.2	13.9	84	22.1
Q016458		74	2.1	15.3	58	24.5
Q016459		92	1.1	21.1	64	39.2
Q016460		57	5.2	12.5	57	39.2
Q016461		64	4.4	15.6	1100	23.3
Q016462		65	4.5	13.3	590	21.8
Q016463		70	4.8	16.3	79	23.7
Q016464		62	5.9	11.7	2220	29.2
Q016465		67	4.3	15.5	58	23.0
Q016466		68	2.1	16.1	69	25.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 13-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099439

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099752

Project: KLAZA

P.O. No.: BATCH 23

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099752

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924090		4.30	0.008	0.23	7.40	11.8	1130	1.49	4.56	1.49	0.40	48.4	8.5	10	20.3	4.1
Q924091		9.28	0.139	1.30	6.63	450	1440	1.42	1.85	2.59	1.69	47.8	7.9	11	22.8	26.0
Q924092		8.66	<0.005	0.07	6.47	8.6	1620	1.39	1.77	2.66	0.22	35.3	7.4	11	16.20	1.8
Q924093		6.20	<0.005	0.19	5.93	15.9	990	1.50	3.76	3.29	0.54	38.0	6.5	9	27.9	9.2
Q924094		11.33	<0.005	0.09	6.66	12.9	1400	1.44	2.36	2.86	0.20	38.0	8.7	10	19.85	2.8
Q924095		4.45	<0.005	0.21	6.76	16.0	1480	1.52	3.12	2.56	0.20	37.6	9.5	11	21.4	6.3
Q924096		15.06	<0.005	0.65	7.00	14.7	1230	1.63	5.80	2.94	0.36	39.6	8.6	9	18.90	12.5
Q924097		15.11	<0.005	0.22	6.70	11.5	1400	1.57	4.15	3.12	0.27	37.8	8.4	8	19.05	6.5
Q924098		12.72	<0.005	0.21	6.66	8.4	1150	1.51	2.97	3.45	0.25	38.7	8.6	9	19.70	4.2
Q924099		5.41	0.005	0.31	8.01	830	2040	1.40	0.22	0.72	13.30	54.8	9.1	11	13.35	48.0
Q924100		3.74	0.011	0.67	8.05	1075	2140	1.64	1.08	0.57	22.0	54.0	9.3	10	15.55	190.5
Q924101		3.64	<0.005	0.21	7.91	337	2050	1.53	0.11	1.58	12.55	54.3	10.3	10	13.10	137.0
Q924102		3.16	<0.005	0.15	8.33	237	1850	1.31	0.29	1.16	48.4	54.5	10.0	10	20.3	150.0
Q924103		6.60	<0.005	0.37	7.13	638	1140	1.34	0.22	1.28	33.9	62.7	3.4	15	3.58	347
Q924104		6.68	<0.005	0.34	7.06	830	1860	1.52	0.16	0.72	34.6	69.7	2.6	14	5.51	440
Q924105		10.67	<0.005	0.37	6.95	399	1430	1.29	0.19	1.00	32.1	64.1	3.1	14	6.14	303
Q924106		4.11	0.355	16.45	7.46	472	4190	1.53	3.53	1.07	55.4	69.2	5.4	14	11.50	886
Q924107		2.82	1.635	36.7	6.83	3660	1100	1.68	9.28	1.45	51.3	63.3	8.2	12	50.6	282
Q924108		7.09	<0.005	0.04	0.06	2.7	50	0.08	0.04	20.2	0.19	1.22	0.9	<1	0.20	3.6
Q924109		5.03	0.062	2.00	7.15	191.5	2470	1.58	0.60	3.14	6.86	67.9	5.4	13	18.75	85.2
Q924110		0.11	0.256	1.86	7.13	181.5	2490	1.56	0.58	3.22	7.27	66.8	5.4	13	18.20	84.8
Q924111		9.64	<0.005	0.14	6.84	27.4	1100	1.41	0.18	2.56	4.67	65.0	5.2	12	9.93	41.4
Q924112		7.60	<0.005	0.19	7.14	21.9	2520	1.49	0.18	3.04	2.50	67.7	5.2	13	8.83	27.3
Q924113		10.78	0.009	0.83	7.99	651	1920	1.67	0.36	0.73	7.58	53.5	9.9	10	17.15	74.4
Q924114		7.01	1.790	4.50	7.79	7780	1230	1.20	6.13	0.17	9.22	42.6	1.6	10	13.90	176.0
Q924115		6.70	1.415	6.99	7.58	2400	1500	1.60	6.71	0.20	33.6	45.6	12.2	9	16.35	343
Q924116		7.31	<0.005	0.02	0.08	15.8	60	0.07	0.04	19.85	0.16	1.18	1.0	1	0.29	2.7
Q924117		2.91	0.007	0.30	6.95	31.1	1750	1.37	0.71	2.64	2.19	43.9	7.3	10	10.60	9.0
Q924118		0.27	0.896	12.05	6.38	1505	620	1.30	12.35	1.83	32.1	42.7	17.6	19	13.35	274
Q924119		3.60	0.005	0.18	7.70	58.1	1920	1.35	0.31	2.13	0.88	51.8	8.9	11	9.86	10.7
Q924120		2.57	<0.005	0.18	7.87	222	2100	1.49	0.24	1.18	0.87	49.7	8.7	9	14.55	11.1
Q924121		6.88	0.008	0.24	6.97	31.9	2220	1.40	0.34	2.71	0.78	37.7	8.0	9	12.95	10.3
Q924122		4.77	<0.005	0.16	7.81	67.4	2070	1.39	0.25	2.37	0.24	53.4	9.3	10	11.10	9.5
Q924123		7.27	<0.005	0.28	6.61	78.8	940	1.48	0.28	3.62	1.68	39.0	10.8	9	12.95	5.8
Q924124		0.28	0.360	4.33	6.80	715	400	1.27	3.41	2.07	10.55	46.0	12.5	25	13.10	305
Q924125		1.67	0.007	2.71	7.51	351	1280	1.64	0.26	2.12	14.30	49.5	6.4	9	14.70	46.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099752

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924090		3.53	16.95	0.10	1.3	0.055	2.51	25.4	44.3	0.69	1760	0.26	0.03	8.2	4.3	630
Q924091		3.12	14.95	0.07	1.2	0.057	2.56	25.6	35.3	0.78	7380	0.74	0.04	7.7	4.3	570
Q924092		2.98	16.05	0.11	1.2	0.035	2.13	16.5	45.5	0.69	1060	0.14	1.28	7.9	2.8	580
Q924093		2.69	15.75	0.07	1.0	0.047	1.70	18.8	46.6	0.62	1220	0.29	1.23	7.0	3.0	500
Q924094		2.80	15.35	0.05	1.2	0.037	1.88	18.1	36.4	0.65	1040	0.14	1.89	7.7	3.3	580
Q924095		2.71	16.45	0.08	1.2	0.032	2.02	17.6	36.6	0.65	957	0.15	1.73	8.0	3.6	590
Q924096		3.75	16.30	<0.05	1.2	0.042	2.08	18.9	58.6	0.76	1410	0.24	1.05	8.2	2.7	620
Q924097		2.92	16.30	0.06	1.1	0.047	1.85	18.2	38.2	0.70	1460	0.15	1.72	8.1	2.8	620
Q924098		3.00	15.85	0.06	1.3	0.037	1.79	18.4	33.2	0.68	1480	0.14	1.75	8.1	2.9	600
Q924099		3.74	17.85	<0.05	1.4	0.171	2.70	28.8	22.4	0.83	950	1.65	1.16	8.9	3.6	670
Q924100		3.74	18.40	<0.05	1.5	0.114	2.74	29.4	25.9	0.33	2400	1.75	0.58	9.0	3.3	670
Q924101		3.51	17.60	0.06	1.4	0.042	2.60	29.9	19.3	0.67	1160	1.86	2.08	8.5	3.1	620
Q924102		3.36	18.70	0.05	1.4	0.046	2.69	28.8	77.0	0.66	2110	1.29	0.28	8.8	3.4	690
Q924103		2.88	17.40	<0.05	2.5	0.026	0.22	32.4	105.5	0.39	1300	3.70	0.02	11.2	2.7	810
Q924104		2.99	17.15	<0.05	2.5	0.029	0.32	37.5	116.0	0.22	792	3.59	0.02	11.1	2.5	790
Q924105		2.52	16.25	<0.05	2.4	0.032	0.35	34.3	122.0	0.36	1220	3.92	0.02	10.6	2.4	760
Q924106		2.55	18.35	<0.05	2.7	0.168	0.74	37.1	111.0	0.42	2190	14.50	0.02	11.4	3.0	780
Q924107		2.96	17.85	<0.05	2.5	0.387	1.53	34.2	49.3	0.58	2440	18.60	0.02	10.6	4.6	780
Q924108		0.47	0.27	0.07	<0.1	0.005	0.02	0.6	1.4	12.65	212	0.19	<0.01	0.2	1.8	170
Q924109		2.51	17.95	0.12	2.6	0.057	1.01	36.5	98.7	1.02	1990	2.15	0.03	11.4	3.4	830
Q924110		2.58	17.70	0.10	2.6	0.048	1.01	35.8	97.9	1.03	2060	2.08	0.03	11.5	3.3	860
Q924111		2.32	17.60	<0.05	2.5	0.033	0.71	33.7	111.5	0.89	1430	1.74	0.02	11.3	2.9	840
Q924112		2.41	17.35	0.07	2.6	0.021	0.74	36.8	97.6	1.10	1320	1.67	0.03	11.2	3.2	840
Q924113		3.55	18.00	<0.05	1.4	0.125	3.32	29.5	19.0	0.43	1880	1.23	0.69	8.9	3.4	610
Q924114		3.83	18.45	0.05	1.2	0.298	3.63	23.9	15.0	0.29	517	1.30	0.04	7.1	1.2	370
Q924115		4.86	17.60	<0.05	1.2	0.469	3.27	24.7	34.9	0.23	7070	2.56	0.04	7.3	3.2	600
Q924116		0.49	0.29	<0.05	<0.1	<0.005	0.03	0.6	1.3	12.70	217	0.16	0.01	0.2	1.9	150
Q924117		3.39	15.50	0.10	1.0	0.073	2.88	22.8	17.0	0.65	1260	2.03	1.10	7.3	2.8	590
Q924118		6.28	15.20	<0.05	1.1	0.790	2.78	22.5	18.7	0.75	1760	9.44	0.12	6.5	11.9	510
Q924119		3.91	17.70	0.05	1.2	0.066	2.75	27.3	16.4	0.78	1060	1.24	1.22	8.7	3.0	680
Q924120		3.12	17.30	<0.05	1.4	0.040	2.86	25.9	15.2	0.32	1180	1.09	1.11	8.7	2.9	640
Q924121		3.35	16.30	0.05	1.3	0.070	2.59	17.9	18.3	0.32	866	0.68	0.81	8.1	2.9	590
Q924122		3.42	18.00	0.06	1.3	0.063	2.66	27.3	17.1	0.66	914	0.71	1.45	9.0	3.2	680
Q924123		3.74	17.20	<0.05	1.2	0.114	2.98	17.7	19.4	0.28	2090	1.18	0.35	8.3	3.0	610
Q924124		5.01	15.65	<0.05	1.1	0.296	2.96	25.8	25.7	0.79	1880	13.35	0.15	6.3	14.6	510
Q924125		3.87	18.10	<0.05	1.2	0.313	2.88	25.1	17.7	0.36	2210	5.21	0.87	8.7	2.4	660

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099752

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924090		24.3	138.0	<0.002	0.02	12.30	12.1	1	1.6	104.0	0.69	0.27	14.1	0.279	2.15	2.9
Q924091		54.7	139.0	<0.002	0.58	19.70	10.3	<1	3.4	152.5	0.63	0.11	12.5	0.252	2.42	4.8
Q924092		27.0	87.3	<0.002	0.02	8.06	10.9	1	1.5	221	0.64	<0.05	9.9	0.265	1.34	2.7
Q924093		40.1	83.1	<0.002	0.04	17.15	9.7	1	2.3	245	0.60	<0.05	10.5	0.228	1.23	3.1
Q924094		37.2	81.1	<0.002	0.04	17.35	10.8	<1	1.5	272	0.64	<0.05	10.6	0.268	1.49	3.3
Q924095		34.8	87.1	<0.002	0.05	14.90	10.9	1	2.0	256	0.65	0.13	10.3	0.272	1.59	3.4
Q924096		36.6	78.3	<0.002	0.02	15.10	11.3	1	5.1	231	0.68	0.09	10.4	0.279	1.30	3.0
Q924097		34.9	72.4	<0.002	0.03	11.40	11.1	1	1.6	300	0.64	<0.05	10.4	0.278	1.20	2.8
Q924098		31.2	70.4	<0.002	0.01	10.65	11.1	1	1.7	274	0.66	0.08	10.8	0.273	1.00	3.0
Q924099		111.5	128.5	<0.002	<0.01	36.5	12.9	1	1.7	157.0	0.73	<0.05	14.0	0.302	1.26	2.0
Q924100		152.5	135.5	<0.002	0.01	26.0	13.3	1	1.9	107.5	0.75	0.08	15.3	0.296	1.60	5.0
Q924101		19.2	116.0	<0.002	<0.01	3.10	12.1	1	1.7	307	0.75	<0.05	15.6	0.275	1.11	2.7
Q924102		37.9	121.5	<0.002	0.12	23.6	13.2	1	1.9	109.5	0.73	<0.05	15.0	0.302	1.72	3.4
Q924103		76.6	7.5	<0.002	0.08	29.1	6.2	1	1.4	524	0.76	<0.05	10.2	0.248	0.40	8.1
Q924104		82.9	15.2	<0.002	0.07	49.9	6.0	1	1.3	296	0.78	<0.05	11.1	0.243	0.45	7.1
Q924105		62.1	15.5	<0.002	0.07	43.5	5.4	1	1.3	318	0.71	<0.05	10.1	0.235	0.48	6.9
Q924106		840	36.4	<0.002	0.51	59.6	6.2	1	3.0	403	0.77	<0.05	11.4	0.265	0.93	8.1
Q924107		3280	74.0	0.002	1.51	138.5	6.1	1	3.1	324	0.75	0.10	10.8	0.250	1.95	12.3
Q924108		5.5	0.9	<0.002	0.01	0.25	0.2	<1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q924109		155.5	47.7	<0.002	0.15	32.2	6.2	1	1.6	297	0.79	<0.05	11.0	0.253	1.10	7.5
Q924110		147.0	43.6	<0.002	0.15	31.3	6.3	1	1.6	304	0.79	<0.05	10.9	0.259	1.10	7.4
Q924111		30.6	24.3	<0.002	0.08	11.80	6.1	1	1.4	245	0.77	<0.05	10.3	0.251	0.92	5.9
Q924112		32.6	30.5	<0.002	0.11	13.10	6.0	1	1.3	252	0.78	<0.05	10.8	0.246	0.81	6.8
Q924113		255	173.0	<0.002	0.01	7.45	12.7	1	2.2	140.5	0.77	<0.05	15.0	0.289	2.07	3.0
Q924114		792	213	<0.002	0.23	76.9	10.9	1	10.3	79.8	0.63	<0.05	9.3	0.235	2.37	3.1
Q924115		1140	190.5	<0.002	0.09	29.4	11.6	1	3.2	62.7	0.61	<0.05	13.0	0.249	2.69	5.6
Q924116		4.8	1.6	<0.002	<0.01	0.24	0.3	<1	<0.2	53.7	<0.05	<0.05	<0.2	0.005	<0.02	0.6
Q924117		28.8	137.5	<0.002	0.09	3.62	11.0	1	1.7	227	0.55	<0.05	11.6	0.247	1.79	1.8
Q924118		1265	160.0	<0.002	4.54	63.9	9.2	2	7.8	95.2	0.52	1.42	11.0	0.203	2.55	5.1
Q924119		25.2	124.0	<0.002	0.07	4.47	12.8	1	2.0	224	0.70	<0.05	13.5	0.296	1.35	2.5
Q924120		19.4	128.5	<0.002	<0.01	6.53	12.2	1	1.8	178.0	0.78	<0.05	15.2	0.285	1.41	3.5
Q924121		71.5	95.4	<0.002	0.03	9.78	11.2	1	1.8	174.5	0.68	<0.05	11.3	0.273	1.20	2.7
Q924122		17.8	111.0	<0.002	0.01	6.22	13.3	1	1.8	259	0.72	<0.05	13.7	0.299	1.18	2.4
Q924123		43.5	146.0	<0.002	0.20	7.91	10.7	<1	2.2	112.0	0.67	<0.05	10.3	0.275	2.04	3.1
Q924124		486	157.0	0.002	2.73	28.7	9.1	1	5.6	109.0	0.51	0.30	11.2	0.214	2.52	5.1
Q924125		1045	156.5	<0.002	0.17	10.25	14.1	1	6.9	173.5	0.68	<0.05	12.0	0.292	2.08	3.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099752

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924090		74	2.7	15.5	231	29.6
Q924091		60	2.6	13.5	291	29.7
Q924092		73	2.0	12.5	179	28.7
Q924093		73	2.2	14.0	195	26.3
Q924094		68	1.7	14.0	172	29.0
Q924095		70	1.8	13.4	166	30.3
Q924096		84	8.0	14.8	277	30.4
Q924097		71	2.4	14.3	238	27.7
Q924098		69	2.6	14.3	280	30.3
Q924099		87	4.1	17.5	1430	34.2
Q924100		82	3.7	20.7	3010	36.1
Q924101		77	2.8	18.5	2210	34.0
Q924102		83	7.3	18.7	3110	35.6
Q924103		51	4.1	13.5	1820	82.7
Q924104		48	3.4	14.8	2070	82.1
Q924105		52	2.8	12.3	1920	77.5
Q924106		53	8.9	13.4	4720	86.6
Q924107		52	6.0	12.5	5470	83.3
Q924108		1	0.1	0.8	32	<0.5
Q924109		52	5.6	13.9	1210	89.7
Q924110		53	5.8	13.8	1260	90.2
Q924111		47	4.0	13.3	1020	83.6
Q924112		48	2.9	13.4	635	81.8
Q924113		78	2.5	18.0	1220	33.2
Q924114		72	4.4	6.5	901	27.6
Q924115		75	4.2	16.1	3420	27.9
Q924116		2	0.1	0.8	26	0.6
Q924117		73	2.5	15.1	397	24.7
Q924118		60	6.1	11.6	2360	29.9
Q924119		85	3.2	16.1	209	30.6
Q924120		78	2.3	15.5	267	34.0
Q924121		76	2.5	14.4	135	31.1
Q924122		85	2.7	18.6	136	30.7
Q924123		77	5.0	11.4	398	31.4
Q924124		66	5.6	11.7	890	30.5
Q924125		93	6.0	18.3	1620	30.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099752

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21d	LOG-22
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 19-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099753

Project: KLAZA

P.O. No.: BATCH 25

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um
PUL-31d	Pulverize Split - duplicate
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 19-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099753

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q016467		2.81	<0.005	0.15	7.96	12.5	1880	1.30	0.34	1.44	0.16	51.0	8.1	10	15.30	20.3
Q016468		3.81	<0.005	0.20	6.31	27.4	1500	1.42	0.23	2.53	0.40	38.0	8.7	10	21.0	7.4
Q016469		2.97	<0.005	0.10	7.12	13.0	2140	1.56	0.76	2.33	0.11	44.3	15.3	12	10.50	2.4
Q016470		6.65	0.065	18.05	6.90	308	1520	1.51	1.02	2.35	65.5	48.3	14.8	10	20.2	42.8
Q016471		0.32	0.852	11.40	6.65	1560	220	1.31	12.35	1.85	33.7	46.8	19.8	19	14.50	297
Q016472		4.03	0.005	0.27	6.81	30.5	1920	1.63	0.32	2.72	0.70	41.3	10.4	11	13.25	8.3
Q016473		4.80	<0.005	0.10	6.88	10.2	1880	1.41	0.27	1.98	0.09	48.5	8.7	13	16.50	9.3
Q016474		3.87	<0.005	0.13	7.03	10.0	2080	1.59	0.18	2.41	0.21	44.7	7.0	11	12.80	9.7
Q016475		7.00	<0.005	0.13	7.22	8.5	2010	1.41	0.18	2.03	0.18	43.8	7.5	10	15.70	16.6
Q016476		3.01	<0.005	0.11	6.94	7.3	1900	1.26	0.17	1.95	0.22	38.9	6.9	10	14.75	15.0
Q016477		4.31	<0.005	0.30	7.04	19.8	1100	2.13	0.15	2.98	0.77	57.0	7.8	21	25.0	11.7
Q016478		2.08	0.063	2.45	6.04	109.0	1840	1.34	0.49	4.76	4.46	48.7	7.6	7	13.80	40.0
Q016479		5.41	<0.005	0.30	6.50	21.1	980	1.33	0.15	3.16	5.36	55.0	5.9	14	4.02	31.0
Q016480		<0.02	0.005	0.30	6.84	23.0	960	1.35	0.15	3.26	5.49	61.2	6.1	14	4.57	30.8
Q016481		6.08	<0.005	0.25	7.23	14.3	1600	1.32	0.13	2.30	4.02	62.3	6.0	15	5.14	21.4
Q016482		6.11	0.046	0.51	7.21	205	2190	1.48	0.24	2.46	1.61	49.3	7.6	11	14.35	32.2
Q016483		4.76	<0.005	0.16	7.28	13.9	2330	1.49	0.56	2.46	0.25	43.9	12.1	11	15.10	12.2
Q016484		0.25	0.400	4.17	6.66	702	250	1.31	3.37	1.99	10.65	45.9	12.5	25	13.60	314
Q016485		2.96	0.006	0.55	6.88	61.6	2060	1.50	0.54	2.61	5.33	43.2	13.2	12	14.10	9.3
Q016486		0.92	0.035	0.77	6.60	484	2060	1.40	0.68	2.82	3.10	45.6	24.4	9	13.30	5.5
Q016487		3.37	<0.005	0.10	7.28	6.5	2090	1.48	0.16	2.63	0.11	47.0	7.8	14	9.34	6.3
Q016488		4.93	<0.005	0.13	7.45	8.0	2100	1.57	0.21	2.45	0.14	47.9	7.7	14	9.08	11.2
Q016489		0.53	0.038	1.08	6.89	50.2	1810	1.47	1.35	1.98	0.73	48.6	15.4	13	11.65	124.0
Q016490		4.05	<0.005	0.11	7.10	4.4	2180	1.55	0.13	2.65	0.16	45.3	7.3	13	9.91	6.6
Q016491		4.29	<0.005	0.20	6.97	12.1	2430	1.36	0.34	2.53	0.28	46.3	8.7	12	10.40	4.7
Q016492		2.89	0.007	1.04	6.77	32.1	2010	1.42	4.77	2.46	0.16	42.9	14.2	14	11.10	10.9
Q016493		4.14	<0.005	0.01	0.05	0.4	10	0.05	0.03	20.1	0.05	1.14	0.9	<1	0.15	2.1
Q016494		5.36	<0.005	0.14	7.27	10.7	1910	1.57	0.19	2.45	0.16	43.7	7.4	11	18.35	9.8
Q016495		3.09	<0.005	0.11	7.51	5.2	2210	1.60	0.14	2.79	0.13	43.8	7.0	11	13.80	10.2
Q016496		4.43	0.016	0.27	6.81	18.4	1580	1.45	0.38	2.58	0.82	42.3	10.8	10	19.85	7.8
Q016497		4.33	<0.005	0.11	7.00	10.2	1870	1.48	0.25	2.32	0.25	40.4	8.2	10	14.45	7.9
Q016498		6.12	0.165	0.35	7.08	23.6	2180	1.40	0.46	2.74	0.52	41.6	11.2	11	14.35	31.8
Q016499		2.57	0.241	0.19	6.64	23.7	2480	1.33	0.24	2.97	0.33	36.8	8.8	11	14.00	6.9
Q016500		5.43	<0.005	<0.01	0.06	<0.2	20	0.05	0.02	20.7	0.07	1.15	0.9	<1	0.17	1.8
Q924551		4.86	<0.005	0.10	7.31	7.2	2180	1.41	0.33	2.67	0.14	42.3	7.2	12	13.05	8.0
Q924552		2.08	<0.005	0.11	7.22	8.1	2290	1.38	0.27	2.62	0.22	43.7	8.4	12	10.20	4.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 19-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q016467		2.83	18.60	0.20	1.4	0.050	2.77	26.2	34.2	0.52	765	1.30	0.12	9.9	2.8	630
Q016468		2.54	15.55	0.21	1.1	0.043	2.73	18.7	36.1	0.75	810	1.46	0.35	8.2	2.4	520
Q016469		2.67	16.60	0.24	1.2	0.039	2.75	22.7	10.2	0.66	565	1.64	1.78	9.1	3.0	590
Q016470		3.00	15.65	0.17	1.1	0.120	3.20	26.0	23.7	0.74	1930	1.05	0.28	8.0	3.1	550
Q016471		6.52	15.85	0.18	1.1	0.829	3.00	24.6	20.0	0.77	1800	9.45	0.13	6.6	13.4	540
Q016472		2.75	16.65	0.21	1.2	0.060	3.01	19.8	13.5	0.76	1440	0.96	1.40	8.6	2.9	570
Q016473		2.73	16.50	0.21	1.1	0.047	2.93	24.6	21.0	0.69	646	3.48	0.83	8.6	2.8	560
Q016474		2.77	16.30	0.23	1.2	0.039	2.64	22.2	14.3	0.73	665	0.94	1.81	9.0	2.8	550
Q016475		2.97	17.15	0.19	1.3	0.045	2.75	21.4	33.5	0.52	806	1.54	0.48	9.5	2.9	610
Q016476		2.82	16.90	0.20	1.3	0.050	2.71	18.4	33.7	0.45	782	1.39	0.33	9.2	2.6	590
Q016477		2.48	19.45	0.22	3.9	0.035	2.69	28.6	51.9	1.07	802	1.66	0.04	11.1	6.6	1130
Q016478		3.04	13.65	0.16	1.1	0.159	2.04	27.0	43.0	1.70	2460	4.43	0.03	7.1	2.9	530
Q016479		2.15	17.40	0.15	2.6	0.031	0.33	27.6	96.5	1.06	865	2.00	0.02	11.3	3.0	850
Q016480		2.22	17.95	0.18	2.6	0.033	0.35	31.4	99.0	1.10	887	2.05	0.02	11.4	3.1	870
Q016481		2.43	19.75	0.17	2.9	0.055	0.42	30.9	118.5	0.83	741	1.41	0.02	12.8	3.1	940
Q016482		3.05	16.60	0.20	0.9	0.056	2.76	25.0	14.8	0.81	693	1.49	1.70	8.2	3.0	590
Q016483		2.86	16.55	0.23	1.0	0.079	3.14	21.7	22.4	0.65	610	1.32	1.45	8.0	2.7	580
Q016484		4.92	15.10	0.16	1.0	0.309	2.99	26.2	25.1	0.76	1820	14.45	0.15	6.1	15.0	500
Q016485		3.16	16.45	0.19	0.9	0.093	2.93	21.4	29.6	0.73	1660	3.90	1.09	7.6	3.0	550
Q016486		3.40	16.15	0.21	0.8	0.183	3.28	22.8	42.6	0.92	2050	1.27	0.51	7.5	2.4	550
Q016487		2.91	17.40	0.19	0.9	0.044	2.45	23.1	16.9	0.81	660	1.26	2.41	8.4	3.1	600
Q016488		3.05	17.45	0.24	1.1	0.068	2.75	23.9	15.6	0.83	754	1.56	2.32	8.6	3.3	600
Q016489		3.61	16.35	0.20	1.0	0.120	2.95	26.8	17.7	0.77	1200	14.50	0.87	7.2	3.2	510
Q016490		2.85	17.00	0.22	1.1	0.045	2.57	21.7	10.6	0.75	714	1.48	2.26	8.3	3.0	570
Q016491		2.81	16.90	0.21	1.1	0.056	2.98	23.7	22.1	0.76	903	8.73	1.48	7.7	3.0	540
Q016492		2.76	16.00	0.23	1.0	0.057	2.76	22.1	17.8	0.73	821	9.25	1.48	7.5	3.0	550
Q016493		0.46	0.26	0.24	<0.1	0.005	0.02	0.5	1.1	12.80	199	0.13	0.01	0.1	1.7	160
Q016494		3.02	16.85	0.31	1.1	0.080	2.87	21.3	37.6	0.72	1040	1.48	1.44	8.5	3.2	590
Q016495		3.04	17.15	0.25	1.1	0.058	2.92	20.7	13.6	0.72	1040	1.22	2.08	8.5	3.0	570
Q016496		3.51	16.40	0.23	1.1	0.180	3.14	21.0	53.2	0.85	2750	1.35	0.19	8.1	2.8	560
Q016497		3.18	16.90	0.17	1.2	0.093	2.93	18.9	32.9	0.72	1360	1.33	0.87	8.7	3.3	610
Q016498		3.43	16.40	0.20	1.0	0.102	3.20	20.5	15.2	0.78	1920	2.95	1.26	7.9	3.0	560
Q016499		3.28	15.90	0.21	0.8	0.126	3.18	18.2	17.2	0.81	2380	0.95	0.99	7.1	2.7	520
Q016500		0.48	0.27	0.23	<0.1	0.005	0.02	0.6	1.1	13.10	213	0.24	0.01	0.1	1.8	180
Q924551		3.16	17.00	0.28	0.9	0.067	2.84	20.5	14.4	0.76	999	0.95	1.81	8.3	3.0	590
Q924552		3.00	16.25	0.26	0.9	0.074	2.85	21.9	28.8	0.73	882	1.26	1.68	7.8	3.1	570

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 19-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q016467		18.3	120.5	<0.002	0.05	19.85	12.6	1	2.0	101.0	0.95	<0.05	15.5	0.274	1.39	5.7
Q016468		20.9	110.5	<0.002	0.14	13.75	10.0	1	1.7	136.5	0.81	<0.05	10.5	0.233	2.01	5.0
Q016469		19.0	117.0	<0.002	0.16	3.62	11.0	1	1.9	311	0.89	<0.05	13.6	0.254	1.41	4.8
Q016470		3960	164.0	<0.002	1.14	22.0	10.7	1	3.5	133.5	0.76	<0.05	14.0	0.231	2.24	6.3
Q016471		1300	171.0	<0.002	4.67	66.0	9.8	2	7.9	101.0	0.53	0.92	10.9	0.214	2.52	5.3
Q016472		40.9	137.5	<0.002	0.24	5.15	10.2	1	1.9	268	0.86	<0.05	11.7	0.246	1.84	4.9
Q016473		18.1	134.5	<0.002	0.13	6.68	10.6	1	1.9	175.0	0.84	<0.05	12.7	0.242	1.61	4.8
Q016474		28.4	117.0	<0.002	0.02	2.32	11.0	1	2.0	310	0.88	<0.05	11.8	0.246	1.27	4.5
Q016475		24.1	107.0	<0.002	0.04	14.95	11.1	1	2.0	147.5	0.98	<0.05	12.3	0.266	1.32	5.9
Q016476		22.6	98.8	<0.002	0.03	15.30	10.4	1	1.9	130.5	0.95	<0.05	11.9	0.260	1.35	4.7
Q016477		27.5	124.0	<0.002	0.22	9.49	7.5	1	1.5	482	0.80	<0.05	9.1	0.306	3.65	5.3
Q016478		242	135.5	<0.002	0.65	13.40	7.3	1	1.8	181.0	0.66	<0.05	10.0	0.201	1.86	6.1
Q016479		36.3	6.1	<0.002	0.19	6.15	5.8	<1	1.3	416	0.81	<0.05	8.6	0.255	0.61	6.6
Q016480		38.3	8.3	<0.002	0.19	6.27	6.2	1	1.4	428	0.79	<0.05	9.7	0.257	0.61	6.9
Q016481		43.3	8.0	<0.002	0.16	5.84	6.6	1	1.5	756	0.91	<0.05	10.1	0.268	0.62	6.2
Q016482		84.6	110.0	<0.002	0.10	6.08	11.3	1	2.1	335	0.58	<0.05	13.3	0.264	1.41	4.1
Q016483		19.6	117.5	<0.002	0.15	4.20	10.7	1	2.1	287	0.58	<0.05	12.8	0.260	1.70	3.6
Q016484		474	159.5	0.003	2.66	28.5	9.3	1	5.2	109.0	0.51	0.30	10.3	0.208	2.30	5.0
Q016485		149.5	119.0	<0.002	0.35	7.94	10.5	1	2.1	256	0.56	0.06	15.6	0.241	1.87	4.4
Q016486		178.0	157.5	<0.002	0.51	9.04	10.5	1	1.7	176.0	0.49	0.05	12.0	0.252	2.30	5.7
Q016487		19.6	94.9	<0.002	0.02	1.64	10.7	1	1.7	402	0.61	<0.05	14.2	0.261	1.11	3.9
Q016488		20.8	118.0	<0.002	0.04	2.23	11.4	1	1.8	379	0.63	<0.05	13.6	0.258	1.32	4.0
Q016489		52.1	162.5	0.002	0.93	13.25	10.0	1	2.1	192.0	0.60	0.19	13.3	0.232	1.82	4.9
Q016490		23.2	98.3	<0.002	0.02	1.58	10.4	<1	1.7	396	0.69	<0.05	13.2	0.253	1.15	4.6
Q016491		26.2	142.0	0.004	0.27	3.32	10.5	1	1.6	286	0.63	0.05	13.8	0.242	1.61	4.6
Q016492		23.9	130.5	0.004	0.25	4.03	10.4	1	1.7	290	0.59	0.32	12.4	0.233	1.60	4.3
Q016493		1.3	1.0	<0.002	0.01	<0.05	0.2	<1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q016494		21.8	121.5	<0.002	0.09	4.70	10.7	1	2.0	315	0.78	<0.05	13.6	0.263	1.73	5.2
Q016495		23.5	117.0	<0.002	0.03	2.78	10.7	1	1.7	382	0.78	<0.05	13.6	0.256	1.44	4.3
Q016496		39.0	130.0	<0.002	0.32	8.71	10.2	1	2.3	157.5	0.70	<0.05	12.8	0.242	2.41	5.8
Q016497		23.7	116.5	<0.002	0.14	9.35	10.8	1	1.9	227	0.72	<0.05	11.5	0.260	1.82	4.4
Q016498		51.6	144.0	<0.002	0.37	5.06	10.6	1	2.3	282	0.58	<0.05	12.4	0.246	2.32	4.5
Q016499		30.1	138.5	<0.002	0.30	5.77	9.4	1	2.7	256	0.52	<0.05	10.4	0.232	2.21	3.8
Q016500		1.4	1.1	<0.002	<0.01	0.06	0.2	<1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q924551		21.2	113.0	<0.002	0.05	3.78	10.9	1	1.9	351	0.60	<0.05	12.4	0.264	1.52	3.5
Q924552		22.6	123.0	<0.002	0.11	4.72	10.8	1	1.8	322	0.56	<0.05	12.3	0.250	1.48	3.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 19-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q016467		74	6.7	19.5	94	28.8
Q016468		63	2.6	14.8	89	23.9
Q016469		68	1.6	16.1	61	26.5
Q016470		65	2.8	16.8	3050	25.8
Q016471		63	5.9	12.3	2350	31.8
Q016472		67	2.1	15.6	114	24.2
Q016473		69	3.1	16.7	64	24.0
Q016474		69	2.5	17.5	62	24.5
Q016475		71	5.1	17.1	75	27.5
Q016476		68	5.4	14.8	78	26.7
Q016477		66	2.9	13.4	131	143.5
Q016478		48	4.0	12.5	280	35.4
Q016479		48	12.5	11.6	399	84.3
Q016480		49	12.6	12.6	418	86.7
Q016481		53	7.8	13.4	381	95.3
Q016482		71	1.3	15.9	173	21.5
Q016483		70	2.2	14.1	76	22.2
Q016484		64	5.2	12.1	843	31.0
Q016485		68	2.3	15.5	467	19.9
Q016486		71	2.5	14.9	347	18.5
Q016487		71	1.1	16.9	54	20.9
Q016488		74	1.8	18.0	60	24.5
Q016489		68	3.0	15.9	118	21.8
Q016490		68	1.8	16.4	62	23.4
Q016491		73	2.7	16.2	69	24.5
Q016492		69	2.1	16.2	53	22.0
Q016493		2	0.1	0.8	14	<0.5
Q016494		71	3.5	15.9	66	24.7
Q016495		69	1.8	16.8	66	24.8
Q016496		67	4.8	15.2	147	24.1
Q016497		71	3.9	15.5	76	24.8
Q016498		67	4.5	15.6	96	21.9
Q016499		62	3.5	14.2	74	17.0
Q016500		2	0.1	0.8	15	<0.5
Q924551		71	2.2	15.9	65	21.0
Q924552		67	2.7	16.3	61	20.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 19-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099753

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21d	LOG-22
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099754

Project: KLAZA

P.O. No.: BATCH 26

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um
PUL-31d	Pulverize Split - duplicate
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

ANALYTICAL PROCEDURES

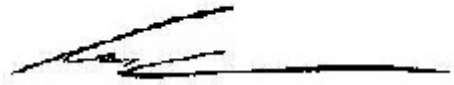
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099754

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924126		6.44	<0.005	0.09	7.64	15.0	2190	1.43	0.23	2.72	0.24	48.7	8.6	14	9.93	10.6
Q924127		5.36	<0.005	0.11	7.84	32.2	2190	1.51	0.23	2.86	0.16	52.9	9.0	10	11.20	9.3
Q924128		3.40	<0.005	0.31	6.94	24.5	1680	1.58	0.38	3.53	0.75	44.3	8.1	9	15.35	10.8
Q924129		6.09	<0.005	0.01	0.08	<0.2	20	0.06	0.03	20.7	0.07	1.20	0.9	<1	0.16	2.3
Q924130		2.78	<0.005	0.14	7.20	16.3	1900	1.60	0.31	3.18	0.60	50.0	9.0	9	17.20	8.6
Q924131		8.00	<0.005	0.16	7.30	24.4	1530	1.42	0.27	3.03	0.15	48.0	9.1	10	14.80	17.8
Q924132		3.40	<0.005	0.08	7.30	40.7	1820	1.64	0.26	2.78	0.09	45.4	8.6	10	16.60	11.6
Q924133		1.74	<0.005	0.08	6.92	38.7	1720	1.51	0.31	2.61	0.08	42.7	8.4	9	15.25	13.4
Q924134		4.62	<0.005	0.17	6.91	108.0	1350	1.49	0.21	3.86	0.33	46.8	8.5	8	15.05	12.4
Q924135		6.42	<0.005	0.37	7.09	27.2	1560	1.35	0.41	3.25	2.33	44.4	8.0	11	20.7	9.7
Q924136		8.41	<0.005	0.08	7.18	19.1	1490	1.31	0.26	3.29	0.62	49.7	9.0	11	9.54	4.8
Q924137		3.68	<0.005	0.09	7.62	13.0	2180	1.59	0.56	2.93	0.24	43.5	9.0	11	11.35	8.0
Q924138		2.76	0.015	0.80	7.83	59.7	1880	1.43	0.39	2.33	0.77	54.2	9.9	9	17.70	8.3
Q924139		<0.02	0.019	0.80	7.70	67.9	1860	1.39	0.43	2.34	0.88	51.9	9.7	11	17.20	8.4
Q924140		2.06	0.127	1.27	7.91	403	950	1.82	1.32	3.36	2.16	81.8	9.8	31	39.2	45.5
Q924141		2.86	<0.005	0.08	7.30	8.9	1720	1.57	0.42	2.55	0.11	43.4	8.4	9	32.5	6.2
Q924142		0.24	0.346	4.35	6.78	719	360	1.33	3.49	2.04	10.80	46.4	12.3	23	12.95	307
Q924143		6.24	<0.005	0.07	7.98	7.6	1920	1.30	0.47	1.66	0.13	54.2	9.1	10	18.85	7.1
Q924144		9.90	<0.005	0.12	7.62	6.3	2000	1.56	0.89	2.96	0.11	43.7	8.1	11	22.6	6.7
Q924145		10.47	<0.005	0.07	7.27	5.6	2270	1.59	0.37	3.08	0.10	45.5	8.3	11	20.6	4.6
Q924146		3.51	<0.005	0.09	7.98	4.0	2010	1.67	0.32	2.79	0.07	53.2	8.0	11	20.1	5.9
Q924147		7.08	<0.005	0.09	8.37	5.8	2010	1.71	0.46	2.36	0.09	50.1	9.4	10	27.4	5.9
Q924148		5.96	<0.005	0.17	8.18	10.1	3710	1.57	8.40	2.28	0.22	51.1	8.5	8	24.9	9.8
Q924149		8.03	<0.005	0.07	7.69	4.6	2070	1.56	0.36	2.80	0.08	42.1	8.3	10	21.7	5.5
Q924150		11.39	<0.005	0.06	7.65	3.9	2190	1.49	0.30	2.95	0.08	41.4	8.4	13	18.40	5.4
Q924151		5.49	0.005	0.18	7.91	35.9	1880	1.47	0.23	2.43	0.70	49.6	9.2	10	15.05	9.4
Q924152		5.60	<0.005	0.48	7.94	22.3	2000	1.57	0.18	3.12	4.93	48.9	9.3	9	20.7	13.5
Q924153		2.49	0.008	0.19	8.38	96.5	1410	1.64	0.26	0.87	3.37	51.8	9.7	9	23.7	11.2
Q924154		2.72	0.013	0.83	8.86	106.0	2240	1.40	0.19	0.44	6.76	51.3	10.5	9	29.3	20.6
Q924155		0.23	0.912	13.45	6.72	1605	670	1.38	13.35	1.90	33.3	44.9	18.8	19	13.85	284
Q924156		7.21	0.010	4.82	8.40	295	1950	1.54	0.29	1.24	9.69	49.5	11.6	10	19.25	69.7
Q924157		1.47	0.414	9.37	6.54	3310	520	1.02	5.32	0.17	13.30	36.7	4.2	9	18.50	128.5
Q924158		2.82	0.020	0.58	8.42	2230	1460	1.68	0.39	0.21	69.2	52.2	11.1	10	20.3	303
Q924159		4.30	<0.005	0.03	0.08	3.6	20	0.08	0.04	21.6	0.19	1.31	0.9	<1	0.21	4.2
Q924160		7.95	0.162	3.05	8.36	1985	990	1.26	3.37	0.13	9.73	46.6	3.2	11	14.55	125.0
Q924161		3.39	8.74	71.2	4.37	8460	1110	0.85	52.7	0.15	40.7	30.3	7.1	8	11.50	351

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099754

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924126		3.22	17.25	0.15	1.2	0.046	2.65	24.4	13.5	0.78	865	1.02	2.07	8.3	4.4	620
Q924127		3.44	17.45	0.12	1.3	0.042	2.66	28.6	11.2	0.69	818	0.87	2.13	8.5	3.3	640
Q924128		3.47	16.15	0.16	1.3	0.079	2.74	23.0	18.4	0.61	1460	1.55	0.83	7.9	3.2	580
Q924129		0.48	0.30	0.16	<0.1	<0.005	0.03	0.6	1.1	13.05	214	0.10	0.01	0.2	2.0	170
Q924130		3.21	16.20	0.23	1.3	0.036	2.66	25.6	10.7	0.64	867	3.52	1.75	8.0	3.0	590
Q924131		3.24	16.65	0.17	1.3	0.053	2.60	24.2	24.9	0.69	1120	1.65	0.32	7.9	3.3	610
Q924132		3.23	17.10	0.19	1.3	0.043	2.81	22.0	14.0	0.58	963	1.44	1.59	8.7	3.2	620
Q924133		3.13	16.35	0.17	1.3	0.046	2.75	20.4	14.4	0.55	969	1.82	1.45	8.3	3.1	590
Q924134		3.03	16.40	0.15	1.2	0.044	2.61	24.1	26.4	0.69	1260	1.47	0.40	7.3	3.1	590
Q924135		3.43	16.70	0.15	1.2	0.106	2.70	23.1	25.9	0.80	1390	0.69	0.79	7.7	3.2	590
Q924136		3.36	16.50	0.15	1.3	0.051	2.60	26.7	13.3	0.85	1200	0.58	1.53	7.8	3.3	580
Q924137		3.26	17.70	0.13	1.1	0.040	2.62	21.5	11.2	0.84	781	0.60	2.18	8.4	3.2	650
Q924138		3.44	18.00	0.13	1.2	0.045	3.12	28.7	21.5	0.93	5710	0.46	0.42	8.2	3.1	640
Q924139		3.41	17.70	0.15	1.1	0.042	3.09	27.3	21.6	0.93	5980	0.57	0.41	8.0	3.2	630
Q924140		3.66	20.0	0.15	4.3	0.047	1.79	43.8	119.5	1.25	1270	1.25	0.04	12.4	12.4	1740
Q924141		3.56	16.85	0.13	1.3	0.056	2.87	21.5	19.4	0.90	1000	1.32	0.85	8.3	2.8	620
Q924142		4.96	15.60	0.12	1.1	0.305	2.95	26.4	26.2	0.78	1870	15.05	0.15	6.2	14.6	500
Q924143		3.38	18.25	0.16	1.5	0.058	2.78	27.5	25.4	0.62	1110	1.17	0.65	9.1	3.0	670
Q924144		3.14	17.65	0.15	1.5	0.044	2.89	21.1	18.0	0.77	879	0.79	1.43	8.7	3.0	620
Q924145		3.27	16.20	0.14	1.4	0.042	2.78	22.8	43.1	0.92	967	0.66	1.27	8.5	2.8	600
Q924146		3.13	16.65	0.16	1.5	0.036	2.63	27.7	11.2	0.76	751	0.57	2.38	8.9	3.0	630
Q924147		3.48	17.80	0.15	1.6	0.045	2.57	24.6	124.5	0.88	901	0.66	1.10	9.9	3.2	740
Q924148		3.73	18.10	0.15	1.4	0.056	2.72	26.2	51.4	0.91	1400	0.77	0.85	8.9	3.0	660
Q924149		3.23	17.25	0.16	1.2	0.042	2.64	21.0	13.1	0.82	823	0.78	2.04	8.3	3.1	640
Q924150		3.15	17.45	0.13	1.2	0.046	2.70	20.4	12.8	0.85	719	0.53	2.17	8.4	3.2	620
Q924151		3.16	17.25	0.14	1.2	0.040	2.58	26.6	12.6	0.63	712	1.25	2.01	8.1	3.2	610
Q924152		3.44	18.15	0.16	1.3	0.047	2.77	25.1	21.5	0.44	941	1.33	1.32	8.6	3.2	650
Q924153		3.34	17.55	0.13	1.3	0.054	2.88	27.2	48.5	0.20	1210	1.43	0.07	8.5	3.1	690
Q924154		3.23	19.50	0.11	1.3	0.052	3.13	26.4	35.6	0.17	1440	1.00	0.10	9.3	3.0	710
Q924155		6.58	16.20	0.14	1.1	0.801	2.90	23.5	19.5	0.79	1840	9.23	0.13	6.7	12.9	530
Q924156		4.02	18.45	0.14	1.2	0.271	3.04	28.1	15.5	0.47	1820	1.08	0.96	8.8	3.3	680
Q924157		5.20	17.70	0.09	1.0	0.642	2.86	20.7	17.4	0.19	288	6.29	0.03	6.7	2.4	360
Q924158		4.64	17.65	0.17	1.3	0.220	3.21	27.4	41.7	0.18	959	1.60	0.08	8.4	2.5	650
Q924159		0.51	0.30	0.16	<0.1	0.005	0.03	0.6	1.3	13.65	213	0.22	0.01	0.2	2.0	210
Q924160		3.48	18.95	0.20	1.4	0.823	3.90	26.0	13.6	0.25	299	5.83	0.04	9.0	1.4	470
Q924161		6.72	12.50	0.08	0.7	4.22	1.94	15.1	17.1	0.12	400	14.85	0.02	4.1	1.0	540

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099754

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924126		18.9	103.5	<0.002	0.01	2.76	12.3	1	1.7	366	0.64	<0.05	11.7	0.290	1.14	1.9
Q924127		17.4	109.0	<0.002	0.05	3.83	12.3	1	1.7	359	0.66	<0.05	13.8	0.291	1.15	2.4
Q924128		62.6	134.5	<0.002	0.20	10.25	11.6	1	2.2	169.5	0.61	<0.05	12.3	0.266	1.69	3.6
Q924129		1.7	1.2	<0.002	<0.01	0.06	0.3	<1	<0.2	48.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q924130		32.9	115.0	<0.002	0.06	4.55	11.8	1	1.8	302	0.68	<0.05	13.5	0.277	1.26	2.8
Q924131		17.9	105.5	<0.002	0.08	13.35	11.3	1	2.2	133.5	0.66	<0.05	11.6	0.277	1.47	3.1
Q924132		20.6	116.0	<0.002	0.04	6.66	12.3	1	1.9	257	0.70	<0.05	12.3	0.290	1.47	2.6
Q924133		19.7	109.0	<0.002	0.04	6.81	11.6	1	1.9	232	0.68	<0.05	11.2	0.275	1.45	2.7
Q924134		19.5	123.0	<0.002	0.08	11.70	11.0	1	2.5	131.5	0.59	<0.05	12.9	0.258	1.52	3.6
Q924135		68.4	135.0	<0.002	0.18	6.01	11.1	1	2.2	184.5	0.65	<0.05	12.7	0.264	1.50	3.9
Q924136		14.7	124.5	<0.002	0.15	3.04	11.5	1	1.6	234	0.70	<0.05	13.7	0.265	1.20	3.5
Q924137		16.1	105.5	<0.002	0.07	4.36	12.3	1	2.0	386	0.65	<0.05	10.8	0.295	1.18	2.9
Q924138		270	157.0	<0.002	0.34	18.30	12.5	1	2.0	142.5	0.65	<0.05	13.6	0.294	1.86	7.3
Q924139		217	151.5	<0.002	0.34	18.55	12.1	1	1.9	140.0	0.63	<0.05	13.2	0.292	1.86	7.1
Q924140		182.0	81.4	<0.002	0.11	29.4	8.5	1	2.1	658	0.78	<0.05	9.1	0.452	1.64	9.6
Q924141		17.7	121.0	<0.002	0.09	6.54	11.8	1	2.2	210	0.68	<0.05	12.3	0.283	1.76	4.6
Q924142		477	156.5	0.003	2.71	29.2	9.3	1	5.7	108.5	0.50	0.33	11.4	0.208	2.50	5.1
Q924143		19.0	116.5	<0.002	0.07	19.95	13.2	1	2.4	173.5	0.78	<0.05	14.7	0.302	1.37	4.2
Q924144		18.3	116.5	<0.002	0.03	6.93	11.8	1	2.0	280	0.73	<0.05	12.9	0.285	1.51	3.4
Q924145		13.6	121.0	<0.002	0.09	4.44	11.9	1	1.9	228	0.76	<0.05	13.4	0.275	1.52	3.4
Q924146		14.4	110.0	<0.002	0.02	2.41	12.5	1	1.8	340	0.78	<0.05	15.8	0.294	1.16	3.1
Q924147		11.4	102.0	<0.002	0.04	12.95	13.8	1	2.2	203	0.85	<0.05	14.0	0.325	1.42	2.6
Q924148		14.1	119.0	<0.002	0.26	14.35	13.1	1	2.2	179.0	0.75	<0.05	14.6	0.303	1.64	6.1
Q924149		17.1	112.5	<0.002	0.02	3.02	12.4	1	2.1	367	0.70	<0.05	12.4	0.277	1.23	3.8
Q924150		17.2	105.5	<0.002	0.02	1.96	12.3	1	1.8	389	0.68	<0.05	11.3	0.288	1.17	2.9
Q924151		18.7	110.5	<0.002	0.01	2.29	12.0	1	1.6	301	0.64	<0.05	13.6	0.284	1.11	2.1
Q924152		181.0	123.5	<0.002	0.05	7.46	12.6	1	2.1	227	0.69	<0.05	13.5	0.294	1.35	2.5
Q924153		20.1	135.0	<0.002	0.01	18.70	12.6	1	2.0	54.1	0.69	<0.05	14.8	0.291	1.59	3.1
Q924154		254	137.0	<0.002	0.11	14.05	13.2	1	2.3	67.5	0.74	<0.05	15.5	0.317	1.61	2.9
Q924155		1330	165.0	<0.002	4.77	66.4	9.8	2	8.1	99.8	0.55	1.91	11.6	0.214	2.71	5.4
Q924156		146.5	141.5	<0.002	0.03	19.85	12.8	1	2.4	181.0	0.73	<0.05	15.0	0.296	1.59	3.3
Q924157		1140	167.0	<0.002	0.23	49.2	9.7	1	8.7	60.7	0.54	0.09	10.6	0.233	2.17	4.3
Q924158		52.5	165.0	<0.002	0.05	24.9	12.8	1	2.0	64.8	0.73	<0.05	15.6	0.278	2.37	6.2
Q924159		2.1	1.4	<0.002	<0.01	0.12	0.3	<1	<0.2	46.2	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q924160		582	211	<0.002	0.36	41.1	12.2	1	6.3	55.8	0.75	<0.05	10.5	0.309	3.05	3.0
Q924161		6080	109.0	<0.002	0.38	361	6.5	1	5.0	203	0.36	1.43	11.1	0.137	1.60	7.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099754

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924126		82	1.8	16.9	102	31.2
Q924127		80	1.4	16.7	91	32.6
Q924128		74	2.3	15.5	140	31.3
Q924129		2	0.1	0.8	16	0.5
Q924130		77	1.2	15.2	105	30.9
Q924131		79	4.1	15.3	78	31.3
Q924132		81	1.9	15.1	72	31.3
Q924133		79	1.6	14.2	69	30.8
Q924134		78	3.0	15.5	117	33.9
Q924135		77	4.2	14.6	267	32.6
Q924136		77	2.2	15.4	196	31.5
Q924137		82	1.2	16.1	96	27.3
Q924138		83	2.7	15.9	207	30.0
Q924139		82	2.6	15.5	227	30.0
Q924140		89	4.5	15.5	360	177.0
Q924141		79	2.9	15.9	65	32.0
Q924142		67	5.6	11.8	879	29.8
Q924143		83	5.1	18.4	69	36.3
Q924144		79	2.1	15.8	61	35.2
Q924145		72	4.4	15.1	59	32.8
Q924146		77	1.7	16.3	60	34.3
Q924147		77	2.0	15.0	71	38.3
Q924148		78	3.3	16.7	73	34.5
Q924149		80	0.9	17.8	54	30.3
Q924150		80	0.5	16.9	54	29.2
Q924151		79	2.2	16.1	265	31.2
Q924152		83	2.0	16.2	480	31.7
Q924153		83	2.7	15.6	475	32.9
Q924154		86	2.3	17.1	858	33.1
Q924155		65	6.4	12.3	2470	30.7
Q924156		85	1.9	16.6	1520	30.7
Q924157		67	7.7	5.2	1320	25.6
Q924158		81	6.4	17.1	2360	32.0
Q924159		2	0.1	0.9	22	<0.5
Q924160		85	6.8	6.4	696	32.6
Q924161		50	6.0	4.9	1300	16.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 18-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099754

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21d	LOG-22
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099755

Project: KLAZA

P.O. No.: BATCH 27

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um
PUL-31d	Pulverize Split - duplicate
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099755

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924553		3.22	<0.005	0.10	7.78	5.1	2340	1.60	0.19	2.93	0.21	47.0	8.0	13	8.03	7.9
Q924554		3.80	<0.005	0.13	7.44	6.9	2360	1.56	0.18	2.73	0.27	49.8	7.4	13	6.65	4.4
Q924555		3.81	<0.005	0.16	7.69	6.6	2160	1.58	0.21	2.87	0.49	46.0	8.0	12	9.27	6.0
Q924556		6.03	<0.005	0.07	7.46	3.5	2230	1.78	0.18	2.82	0.15	47.4	7.3	15	7.24	7.4
Q924557		5.75	<0.005	0.10	7.76	5.2	2250	1.71	0.14	2.77	0.17	54.7	7.1	14	8.16	11.9
Q924558		2.24	<0.005	0.19	6.87	15.0	1790	1.42	0.33	3.18	0.44	54.7	11.3	11	11.35	5.1
Q924559		7.53	<0.005	0.19	8.02	8.9	2440	1.83	0.27	2.83	0.15	56.1	7.7	16	7.92	32.9
Q924560		4.37	<0.005	0.06	7.90	4.0	2500	1.55	0.18	2.71	0.11	49.4	6.5	14	10.75	2.6
Q924561		4.44	0.014	0.15	7.47	19.7	2050	1.51	0.18	2.09	0.24	48.1	7.3	11	17.65	6.2
Q924562		4.18	<0.005	0.07	7.60	5.6	2190	1.55	0.17	2.63	0.10	48.5	6.8	11	10.30	8.8
Q924563		0.29	0.953	12.70	7.21	1700	620	1.58	11.55	2.07	36.3	51.3	18.0	19	13.60	319
Q924564		2.71	<0.005	0.11	7.84	14.6	2440	1.65	0.21	2.87	0.18	57.4	9.4	12	12.80	14.5
Q924565		1.69	0.016	0.60	7.33	32.5	2010	1.60	0.39	2.65	2.62	51.2	12.8	10	15.60	21.2
Q924566		5.31	<0.005	0.20	7.89	7.1	2200	1.89	0.26	2.76	0.17	54.0	8.3	13	13.65	43.9
Q924567		5.68	<0.005	0.01	0.08	<0.2	20	0.06	0.02	21.7	0.06	1.19	0.7	<1	0.23	1.2
Q924568		3.72	<0.005	0.38	6.44	19.1	1470	1.44	0.19	2.64	1.16	50.5	7.6	10	18.50	21.0
Q924569		3.12	<0.005	0.20	7.14	18.3	1710	1.51	0.27	2.07	0.26	45.2	11.1	11	25.6	33.8
Q924570		2.71	0.015	0.46	8.28	13.7	2340	1.56	0.65	1.94	0.52	54.0	8.5	10	14.10	53.8
Q924571		0.29	0.351	4.80	7.00	757	460	1.48	3.45	2.16	11.85	53.4	12.3	26	13.20	327
Q924572		2.21	0.012	0.27	7.85	20.4	2430	1.40	0.24	2.51	0.70	48.3	9.8	15	14.25	18.6
Q924573		4.43	<0.005	0.34	7.75	6.1	2460	1.65	0.54	2.75	0.24	47.1	8.2	12	8.66	7.3
Q924574		2.03	<0.005	0.22	8.43	14.2	2280	1.29	0.29	1.01	1.36	68.8	9.4	10	10.70	14.4
Q924575		1.30	0.222	6.15	5.88	1240	710	1.37	1.13	3.81	45.6	44.0	7.9	8	10.10	68.1
Q924576		3.24	<0.005	0.02	0.07	1.2	50	0.07	0.03	21.7	0.26	1.18	0.6	<1	0.17	1.3
Q924577		4.59	0.020	1.42	7.49	82.2	3240	1.52	0.14	3.62	7.33	55.6	7.2	9	24.6	9.6
Q924578		4.60	<0.005	0.34	7.12	41.1	1170	1.46	0.08	3.88	0.89	44.4	6.6	11	24.8	6.0
Q924579		3.03	<0.005	0.20	6.77	23.0	1700	1.53	0.16	2.90	0.63	51.8	7.6	10	21.7	24.4
Q924580		1.39	<0.005	0.16	6.99	22.4	1760	1.41	0.17	3.11	0.56	54.0	8.1	8	20.4	13.2
Q924581		3.25	<0.005	0.42	7.49	14.5	2390	1.52	0.08	2.91	0.16	48.0	6.8	11	15.90	8.1
Q924582		1.89	<0.005	0.16	6.98	42.5	2890	1.70	0.20	3.50	0.55	43.7	7.4	13	10.15	7.4
Q924583		3.84	<0.005	0.11	7.61	7.2	2370	1.63	0.12	2.66	0.16	51.4	6.6	13	10.55	24.6
Q924584		6.30	0.076	0.16	7.17	24.6	1540	1.46	0.37	3.01	0.38	54.8	9.8	10	15.50	3.9
Q924585		0.03	0.085	0.21	7.28	26.6	1630	1.66	0.49	3.16	0.42	53.4	10.2	10	15.40	6.4
Q924586		3.78	0.020	0.46	6.71	62.2	1670	1.38	0.81	2.46	1.29	51.0	24.9	12	11.70	7.5
Q924587		2.89	0.055	2.15	6.15	149.5	470	1.28	0.94	3.21	2.52	44.7	15.7	8	8.20	10.2
Q924588		3.70	0.070	2.47	6.86	169.0	1010	1.47	0.48	4.13	4.86	51.9	8.7	9	14.95	10.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924553		3.37	18.10	0.17	1.1	0.044	2.52	20.4	22.9	0.79	763	1.19	2.11	8.8	3.2	650
Q924554		3.09	17.05	0.17	1.0	0.051	2.73	22.2	14.9	0.78	835	1.27	2.21	7.8	2.8	600
Q924555		3.53	17.20	0.20	1.1	0.080	2.74	20.2	17.2	0.85	1250	1.55	1.89	8.5	3.0	650
Q924556		3.23	17.80	0.15	1.0	0.044	2.51	20.5	19.0	0.82	725	2.28	2.44	8.6	3.0	630
Q924557		3.24	17.45	0.18	1.1	0.047	2.62	25.8	18.0	0.80	719	0.94	2.45	8.3	2.7	620
Q924558		3.00	16.50	0.20	1.0	0.204	2.73	24.9	38.3	0.94	1940	1.30	0.97	7.5	2.8	600
Q924559		3.19	17.80	0.21	1.3	0.046	2.83	26.2	19.4	0.82	706	3.15	2.45	8.5	2.7	640
Q924560		3.10	17.20	0.17	1.6	0.037	2.89	22.8	21.2	0.76	682	1.04	2.37	8.0	2.7	610
Q924561		3.00	16.75	0.19	1.4	0.064	2.75	22.2	314	0.61	914	0.86	0.26	7.8	2.6	620
Q924562		3.19	16.95	0.18	1.3	0.042	2.93	22.1	28.8	0.75	713	1.42	1.52	8.2	2.6	610
Q924563		7.16	16.65	0.19	1.2	0.888	2.97	24.8	21.7	0.82	1970	9.61	0.14	6.3	11.9	580
Q924564		3.49	18.15	0.19	1.3	0.059	3.04	27.6	18.4	0.78	711	1.35	2.01	8.9	3.0	670
Q924565		4.18	17.65	0.21	1.2	0.138	3.16	25.0	66.1	0.88	2960	2.53	0.40	7.4	2.6	540
Q924566		3.31	18.45	0.19	1.4	0.053	2.87	24.3	50.6	0.82	893	1.73	2.08	9.0	3.0	630
Q924567		0.51	0.22	0.07	<0.1	0.006	0.03	0.5	1.3	13.30	221	0.05	0.01	0.1	1.5	200
Q924568		3.09	14.30	0.18	1.0	0.092	2.47	24.3	68.5	0.81	2150	0.95	0.69	6.3	2.6	500
Q924569		2.92	17.05	0.17	1.1	0.068	2.86	20.8	58.5	0.55	745	1.00	1.46	7.8	2.8	570
Q924570		3.37	18.45	0.21	1.2	0.129	2.82	26.3	26.5	0.44	1340	5.39	0.84	8.1	2.8	660
Q924571		5.22	16.50	0.18	1.1	0.334	2.93	27.8	28.0	0.79	1960	15.85	0.16	6.1	13.7	540
Q924572		3.43	17.35	0.18	1.2	0.053	3.05	23.0	21.4	0.55	879	3.45	1.32	7.6	2.7	630
Q924573		3.27	18.05	0.20	1.2	0.048	2.80	21.4	13.0	0.81	738	1.43	2.31	8.3	2.8	670
Q924574		2.94	18.80	0.23	1.2	0.059	3.15	34.9	35.1	0.64	718	1.48	0.39	8.4	3.0	700
Q924575		7.82	13.75	0.17	0.8	1.570	2.63	22.5	12.0	1.44	16150	1.52	0.02	5.5	1.8	440
Q924576		0.51	0.21	0.07	<0.1	0.013	0.02	0.5	1.2	13.15	232	0.05	0.01	0.2	1.3	150
Q924577		3.09	16.55	0.17	1.1	0.116	2.70	28.6	43.0	1.16	2060	2.52	0.03	7.4	2.6	590
Q924578		2.78	16.35	0.19	1.0	0.040	2.48	21.5	60.6	1.09	1480	1.48	0.06	7.2	2.3	560
Q924579		2.96	16.55	0.19	1.1	0.041	2.58	24.7	50.9	0.89	859	0.86	0.11	7.2	2.7	590
Q924580		2.95	16.60	0.17	1.1	0.041	2.61	26.5	56.3	0.97	903	0.76	0.11	7.4	2.5	600
Q924581		3.05	17.40	0.19	1.3	0.040	2.95	22.2	22.5	0.78	689	0.96	1.67	7.7	2.8	620
Q924582		3.05	16.50	0.20	1.3	0.049	2.99	20.3	13.0	0.96	1120	1.06	1.90	7.5	2.7	560
Q924583		2.85	17.15	0.22	1.4	0.042	2.93	23.6	11.1	0.72	625	1.01	2.31	7.9	2.8	600
Q924584		2.83	16.30	0.21	1.3	0.108	3.01	27.0	39.5	1.01	1220	0.99	0.22	7.5	2.5	550
Q924585		3.04	16.50	0.20	1.4	0.115	3.10	25.9	40.7	1.05	1260	0.96	0.22	7.4	2.8	560
Q924586		4.75	15.90	0.20	1.1	0.237	2.93	26.3	25.3	1.01	2280	1.22	0.07	6.5	4.2	480
Q924587		4.46	14.10	0.20	1.2	0.217	2.84	22.5	14.7	1.11	3070	7.88	0.03	6.3	2.7	410
Q924588		3.29	15.80	0.19	1.1	0.121	2.97	26.0	16.2	1.32	5010	9.51	0.04	7.1	2.3	530

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924553		17.8	98.0	<0.002	0.03	4.02	10.4	1	2.0	375	0.63	<0.05	12.4	0.290	1.10	4.1
Q924554		20.6	108.5	<0.002	0.05	1.31	9.9	1	1.8	375	0.57	<0.05	11.5	0.252	1.28	4.2
Q924555		26.2	122.0	<0.002	0.10	2.76	10.8	1	2.1	338	0.67	<0.05	11.3	0.276	1.49	4.4
Q924556		15.8	99.2	<0.002	0.01	0.88	10.5	1	2.1	408	0.64	<0.05	11.5	0.269	1.05	4.0
Q924557		18.3	108.5	<0.002	0.02	1.54	10.5	<1	2.2	408	0.65	<0.05	14.8	0.272	1.20	4.2
Q924558		16.5	127.5	<0.002	0.25	5.19	10.0	1	1.9	193.5	0.60	<0.05	12.6	0.246	1.79	4.5
Q924559		17.6	116.5	<0.002	0.11	1.27	10.6	1	2.0	410	0.71	<0.05	14.7	0.281	1.25	5.0
Q924560		18.6	111.5	<0.002	0.01	1.58	9.6	1	1.6	418	0.64	<0.05	12.9	0.268	1.15	4.7
Q924561		16.7	107.0	<0.002	0.14	19.20	9.4	1	1.8	238	0.62	<0.05	11.6	0.260	1.45	2.7
Q924562		17.6	116.0	<0.002	0.06	3.57	9.6	<1	1.9	350	0.61	<0.05	12.4	0.261	1.36	2.9
Q924563		1440	182.5	<0.002	4.97	74.0	9.7	2	8.5	99.1	0.50	1.37	11.1	0.219	2.82	5.1
Q924564		17.7	131.0	<0.002	0.09	3.57	10.6	<1	2.1	360	0.71	<0.05	13.7	0.294	1.54	3.2
Q924565		42.1	148.0	<0.002	0.69	9.89	9.4	1	4.1	169.0	0.62	<0.05	11.7	0.234	2.30	4.6
Q924566		18.9	124.5	<0.002	0.09	3.61	11.3	1	2.1	369	0.79	<0.05	13.2	0.276	1.44	4.9
Q924567		1.3	1.6	<0.002	0.01	<0.05	0.2	<1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q924568		37.8	119.0	<0.002	0.27	7.69	8.5	1	1.8	200	0.53	<0.05	12.3	0.216	1.71	4.1
Q924569		20.1	130.5	<0.002	0.17	4.85	9.5	1	2.1	262	0.64	<0.05	12.1	0.235	1.67	3.9
Q924570		29.7	122.5	<0.002	0.13	11.95	11.4	1	1.9	160.0	0.64	<0.05	12.4	0.282	1.36	2.0
Q924571		511	173.5	0.003	2.76	29.3	9.4	1	5.9	108.5	0.49	0.33	10.9	0.211	2.63	4.9
Q924572		27.8	127.0	<0.002	0.41	6.01	10.0	1	2.0	251	0.60	0.07	11.7	0.263	1.51	2.2
Q924573		24.5	111.5	<0.002	0.05	1.52	10.6	1	1.7	384	0.67	<0.05	11.0	0.272	1.20	2.1
Q924574		22.5	153.0	<0.002	0.11	11.55	11.3	1	2.1	106.5	0.64	<0.05	14.4	0.276	1.60	2.5
Q924575		1205	195.0	<0.002	2.25	27.9	8.0	1	3.7	81.8	0.42	<0.05	9.8	0.186	2.66	3.2
Q924576		2.7	1.2	<0.002	<0.01	0.08	0.2	<1	<0.2	51.6	<0.05	<0.05	0.2	<0.005	0.02	0.6
Q924577		269	168.5	<0.002	0.75	16.00	10.4	1	2.0	138.5	0.57	<0.05	12.9	0.244	2.86	4.2
Q924578		20.8	105.5	<0.002	0.14	13.20	9.3	<1	1.5	135.5	0.55	<0.05	10.3	0.244	1.91	3.8
Q924579		17.7	95.0	<0.002	0.14	16.45	9.7	1	1.8	153.0	0.55	<0.05	11.7	0.234	1.55	6.5
Q924580		17.3	99.7	<0.002	0.15	13.20	10.0	1	1.7	177.5	0.53	<0.05	12.1	0.245	1.46	8.7
Q924581		18.7	118.5	<0.002	0.07	5.37	9.5	1	1.7	314	0.60	<0.05	12.3	0.258	1.46	2.5
Q924582		20.9	114.0	<0.002	0.12	3.56	8.2	<1	1.6	343	0.66	<0.05	11.7	0.233	1.46	2.8
Q924583		17.8	121.5	<0.002	0.04	2.17	9.6	<1	1.6	371	0.62	<0.05	13.5	0.248	1.28	4.5
Q924584		11.6	151.0	<0.002	0.27	5.23	9.0	<1	1.6	109.0	0.63	<0.05	14.0	0.219	2.21	6.1
Q924585		12.3	151.5	<0.002	0.31	5.63	8.8	1	1.7	112.0	0.67	<0.05	13.8	0.219	2.23	6.2
Q924586		21.3	209	<0.002	0.97	8.81	8.6	<1	3.0	67.7	0.52	<0.05	13.5	0.197	2.70	5.2
Q924587		67.1	195.5	<0.002	2.45	15.95	7.1	1	3.7	56.9	0.62	<0.05	13.5	0.172	2.51	5.1
Q924588		137.5	184.0	0.002	1.17	14.25	8.9	1	1.8	102.0	0.58	<0.05	12.6	0.214	3.12	5.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924553		79	2.2	14.6	68	22.0
Q924554		70	2.0	14.1	66	20.4
Q924555		79	2.2	15.1	97	21.7
Q924556		75	2.1	16.5	56	21.8
Q924557		73	1.5	15.4	60	24.1
Q924558		77	2.8	18.6	74	21.3
Q924559		74	1.6	15.3	58	30.9
Q924560		72	1.4	14.6	56	44.2
Q924561		68	8.8	12.8	67	41.8
Q924562		72	4.9	13.9	54	33.2
Q924563		69	6.5	10.8	2610	29.5
Q924564		78	2.7	14.4	62	31.1
Q924565		67	6.5	12.9	253	27.7
Q924566		80	4.0	18.2	65	32.0
Q924567		3	0.1	0.7	18	<0.5
Q924568		58	3.0	13.6	132	22.5
Q924569		68	3.5	12.8	72	24.7
Q924570		79	2.6	17.2	109	26.7
Q924571		69	5.8	10.9	921	29.0
Q924572		73	3.8	13.2	143	25.4
Q924573		76	1.1	14.3	82	25.0
Q924574		76	6.1	15.0	199	27.1
Q924575		53	4.1	9.9	3360	17.5
Q924576		2	0.1	0.7	32	<0.5
Q924577		69	5.4	12.8	665	24.9
Q924578		67	3.9	12.9	151	23.6
Q924579		70	4.2	14.0	117	27.3
Q924580		71	5.2	15.8	103	27.5
Q924581		70	2.3	13.2	69	31.0
Q924582		63	1.8	12.0	120	30.8
Q924583		67	2.0	14.2	59	32.3
Q924584		60	3.0	12.8	91	30.6
Q924585		61	3.2	12.9	96	32.0
Q924586		59	3.6	11.7	254	26.5
Q924587		50	2.8	10.8	226	27.4
Q924588		59	3.7	13.4	425	27.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099755

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21d	LOG-22
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099756

Project: KLAZA

P.O. No.: BATCH 28

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099756

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924589		4.31	0.006	0.20	6.82	27.3	1240	1.67	0.11	2.52	0.24	43.4	6.0	9	24.5	18.6
Q924590		2.30	0.028	1.69	6.43	219	1320	1.28	0.15	3.57	0.48	52.3	6.5	7	23.3	29.1
Q924591		1.04	0.024	0.70	6.62	233	1340	1.54	0.21	3.52	0.33	48.3	7.1	8	23.1	11.4
Q924592		6.22	<0.005	0.20	6.42	19.0	1990	1.55	0.14	2.76	0.12	40.5	6.5	9	15.40	13.0
Q924593		4.43	<0.005	0.12	6.92	6.5	2190	1.59	0.10	2.51	0.09	45.7	7.1	12	9.83	16.3
Q924594		0.25	0.805	11.75	6.51	1550	790	1.45	11.75	1.87	35.3	49.6	17.0	19	12.80	286
Q924595		4.07	0.005	0.33	6.29	27.2	1970	1.55	0.23	4.05	2.16	50.3	10.8	8	15.55	10.5
Q924596		5.32	0.022	0.88	6.61	37.6	1950	1.52	1.22	2.20	4.24	44.7	13.5	9	15.40	24.6
Q924597		1.23	0.286	5.03	6.60	430	470	1.41	4.83	1.80	16.10	54.9	20.3	10	9.52	76.0
Q924598		2.96	<0.005	0.12	7.35	11.1	2000	1.45	0.26	2.40	0.22	52.0	9.7	12	8.70	2.9
Q924599		3.02	0.076	2.17	6.29	101.5	1800	1.39	1.57	1.90	9.08	51.7	9.8	8	7.60	36.6
Q924600		<0.02	0.076	2.18	6.35	106.5	1370	1.28	1.56	1.97	9.66	50.1	9.8	9	7.55	37.6
Q924601		0.64	0.101	6.10	5.67	196.0	290	1.35	4.52	2.43	15.95	54.3	25.0	7	9.34	78.2
Q924602		5.51	0.064	0.21	6.17	21.1	2330	1.25	0.34	2.79	0.44	35.1	10.0	10	10.25	10.4
Q924603		3.27	<0.005	0.01	0.06	0.8	30	0.05	0.02	20.5	0.07	1.07	0.6	<1	0.12	1.5
Q924604		5.90	<0.005	0.11	6.48	17.0	1300	1.45	0.09	2.06	0.34	30.6	8.4	9	16.75	18.8
Q924605		6.61	<0.005	4.66	6.49	30.9	2170	1.49	0.12	3.41	0.96	45.4	7.5	8	16.90	75.1
Q924606		5.51	<0.005	0.12	7.49	9.6	1430	1.52	0.09	1.45	0.16	47.8	8.7	12	26.2	8.5
Q924607		5.93	0.020	0.37	5.96	118.0	7470	1.39	0.13	3.15	0.41	36.2	7.3	8	17.05	9.3
Q924608		2.72	<0.005	0.02	0.07	0.3	20	0.05	0.02	20.6	0.06	1.31	0.6	<1	0.15	1.2
Q924609		7.38	0.006	0.20	7.72	20.4	2060	1.54	0.40	2.09	0.36	51.6	9.4	9	15.00	8.2
Q924610		8.45	<0.005	0.09	6.97	32.6	1570	1.60	0.15	1.82	0.43	35.8	8.2	10	27.6	6.8
Q924611		8.96	<0.005	0.09	7.71	20.2	2740	1.47	0.13	1.60	0.13	34.1	7.5	9	24.4	5.1
Q924612		5.22	<0.005	0.17	6.71	36.8	1120	1.29	0.11	2.58	0.11	37.1	7.7	9	17.30	9.0
Q924613		3.35	0.005	0.34	6.50	24.1	1980	1.28	0.72	2.75	1.22	39.1	7.2	8	21.4	9.1
Q924614		4.33	<0.005	0.07	7.43	20.2	2160	1.36	0.10	1.61	0.23	39.4	8.3	10	16.60	7.9
Q924615		3.14	<0.005	0.08	7.83	4.8	2200	2.10	0.13	3.03	0.08	50.8	8.8	10	13.25	7.5
Q924616		6.63	<0.005	0.13	6.98	183.5	1200	1.63	0.11	2.30	0.53	34.3	7.9	11	27.5	13.5
Q924617		2.88	0.009	0.22	6.38	129.5	3460	1.27	0.30	3.24	0.75	47.4	9.2	7	12.40	7.1
Q924618		5.04	<0.005	0.10	7.63	9.5	2120	1.84	0.14	2.67	0.18	47.9	8.5	10	11.15	8.0
Q924619		0.26	0.336	4.20	6.62	716	540	1.49	3.56	2.05	11.45	52.9	12.0	25	12.55	312
Q924620		2.64	<0.005	0.34	7.07	219	1380	1.71	0.46	2.65	0.70	40.2	7.5	11	14.35	7.5
Q924621		4.14	<0.005	0.57	6.70	88.6	940	1.65	0.39	2.81	3.29	42.5	8.7	8	12.35	5.9
Q924622		5.62	<0.005	0.06	7.43	49.0	1910	1.19	0.09	2.85	1.01	39.0	6.5	10	10.55	3.8
Q924623		10.23	<0.005	0.06	7.21	69.3	1900	1.73	0.10	2.84	0.45	45.5	7.0	11	15.50	3.6
Q924624		10.21	0.009	1.63	7.38	113.0	1970	1.54	0.31	2.69	1.02	47.2	8.7	11	11.60	13.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099756

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924589		2.41	15.75	0.19	1.2	0.043	2.89	21.3	60.1	0.70	845	2.02	0.16	7.5	3.3	580
Q924590		2.68	14.25	0.18	1.0	0.052	2.57	28.4	42.3	1.11	1300	2.36	0.22	6.4	2.4	490
Q924591		2.64	14.70	0.16	1.0	0.039	2.69	25.5	41.6	1.08	1300	11.20	0.20	6.5	2.6	530
Q924592		2.58	15.50	0.16	1.1	0.045	2.77	19.5	19.3	0.63	755	4.87	1.28	7.3	2.4	540
Q924593		2.71	16.00	0.18	1.1	0.038	2.59	22.4	10.4	0.68	626	2.63	2.19	7.4	2.6	550
Q924594		6.49	15.80	0.18	1.1	0.854	2.70	25.4	21.3	0.74	1840	9.49	0.13	6.1	11.5	520
Q924595		2.72	14.80	0.16	1.0	0.059	2.84	25.8	48.0	0.88	1350	8.61	0.21	7.1	2.7	530
Q924596		3.07	15.30	0.16	1.0	0.104	2.93	22.6	37.1	0.76	1380	10.50	0.30	7.1	2.5	540
Q924597		5.41	15.90	0.21	0.9	0.212	2.98	28.4	23.4	0.68	2670	0.87	0.35	7.1	2.2	540
Q924598		2.79	16.70	0.22	1.0	0.072	3.06	26.0	18.1	0.78	786	0.74	1.40	8.0	2.5	620
Q924599		4.57	14.85	0.19	0.7	0.264	2.85	28.6	45.1	0.77	2250	6.02	0.04	6.0	1.7	470
Q924600		4.66	14.85	0.18	0.7	0.262	2.88	27.8	45.6	0.79	2300	6.44	0.04	6.1	1.7	470
Q924601		7.99	13.25	0.18	0.7	0.736	2.64	29.4	8.4	0.93	9340	1.14	0.11	5.5	2.4	450
Q924602		4.04	15.85	0.17	1.1	0.101	2.51	14.4	35.2	0.49	1770	0.75	0.05	6.8	2.9	570
Q924603		0.47	0.16	0.08	<0.1	0.006	0.02	0.5	1.2	12.55	207	0.06	<0.01	0.1	1.3	160
Q924604		3.22	17.10	0.15	1.3	0.054	2.62	11.5	53.4	0.28	1400	0.75	0.05	7.7	2.8	610
Q924605		3.47	14.80	0.16	1.2	0.069	2.39	23.2	73.4	0.89	3280	0.97	0.03	6.6	2.6	540
Q924606		3.16	18.00	0.15	1.6	0.055	2.34	22.5	85.8	0.41	1120	0.98	0.06	8.4	3.2	650
Q924607		3.41	14.35	0.18	1.3	0.062	2.28	16.7	102.5	0.59	2270	1.49	0.04	6.4	2.5	520
Q924608		0.46	0.20	0.11	<0.1	<0.005	0.02	0.6	1.4	12.50	207	0.06	0.01	0.2	1.3	200
Q924609		3.80	18.20	0.18	1.4	0.076	2.68	25.5	30.9	0.59	1220	1.19	0.92	8.1	3.0	670
Q924610		3.33	17.50	0.14	1.3	0.060	2.53	15.6	63.8	0.35	1020	1.73	0.11	7.7	3.1	670
Q924611		3.43	18.25	0.17	1.4	0.061	2.57	13.6	64.4	0.39	1040	0.75	0.06	8.2	2.4	690
Q924612		2.93	16.80	0.15	1.5	0.049	2.13	14.8	62.0	0.64	1100	1.02	0.06	7.8	2.6	620
Q924613		3.05	16.15	0.16	1.4	0.062	2.64	18.7	21.2	0.59	1920	1.93	0.27	7.8	2.2	610
Q924614		3.06	18.05	0.16	1.6	0.041	2.59	18.2	35.8	0.47	986	1.96	0.09	8.8	2.6	650
Q924615		3.51	18.40	0.17	1.8	0.044	2.59	23.3	14.4	0.89	795	1.65	2.34	9.3	2.8	740
Q924616		3.29	17.55	0.17	1.5	0.050	2.50	13.6	86.9	0.51	1180	1.45	0.15	8.5	2.7	650
Q924617		3.72	13.80	0.18	1.2	0.068	2.18	25.3	38.5	0.98	1760	1.28	0.05	6.5	2.5	520
Q924618		3.26	17.65	0.18	1.5	0.054	2.67	22.3	17.1	0.86	1100	1.29	1.78	8.5	2.7	640
Q924619		4.96	15.60	0.16	1.1	0.310	2.80	29.3	27.0	0.75	1910	14.50	0.15	5.8	13.4	520
Q924620		3.85	16.45	0.18	1.4	0.101	3.05	19.2	34.2	0.71	1950	1.04	0.23	7.9	2.9	640
Q924621		3.42	16.10	0.18	1.3	0.101	2.95	21.6	23.4	0.94	2480	0.73	0.20	6.6	2.1	510
Q924622		3.13	17.50	0.15	1.4	0.047	2.68	17.6	34.8	0.62	1100	1.21	0.36	7.9	2.5	660
Q924623		3.45	16.75	0.16	1.3	0.047	2.60	21.8	14.8	0.80	1090	1.48	1.44	7.5	2.7	620
Q924624		3.46	17.35	0.16	1.3	0.062	2.61	22.1	17.0	0.79	983	1.06	1.67	8.0	2.6	640

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099756

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924589		17.3	108.0	<0.002	0.14	9.10	9.0	1	1.7	121.0	0.61	<0.05	12.3	0.237	2.00	4.2
Q924590		22.8	129.0	<0.002	0.32	20.7	8.7	1	1.5	141.5	0.52	<0.05	13.1	0.203	2.26	4.5
Q924591		21.3	126.5	0.002	0.29	12.50	8.7	1	2.1	141.5	0.52	<0.05	12.7	0.208	2.34	4.7
Q924592		18.3	115.5	<0.002	0.10	4.63	8.9	1	1.5	252	0.59	<0.05	10.8	0.230	1.72	3.6
Q924593		19.0	107.0	<0.002	0.02	1.73	9.9	1	1.6	361	0.60	<0.05	12.7	0.239	1.16	3.9
Q924594		1290	173.5	<0.002	4.53	70.4	9.4	1	8.0	94.5	0.48	1.22	11.1	0.201	2.76	5.3
Q924595		63.9	110.0	<0.002	0.20	6.34	8.7	1	1.8	160.5	0.57	<0.05	11.8	0.216	2.08	4.6
Q924596		81.8	124.5	<0.002	0.38	8.05	8.7	1	2.0	134.5	0.58	<0.05	11.8	0.225	2.18	3.8
Q924597		430	200	<0.002	2.86	9.09	10.7	<1	8.0	93.2	0.56	0.18	11.7	0.223	2.26	4.1
Q924598		17.1	151.5	<0.002	0.10	2.88	10.8	1	1.6	219	0.63	<0.05	13.3	0.265	1.91	3.6
Q924599		257	206	<0.002	1.25	9.01	9.1	<1	4.3	55.9	0.49	0.06	10.7	0.192	2.38	3.8
Q924600		283	204	<0.002	1.29	9.22	9.0	<1	4.2	55.7	0.49	0.08	10.4	0.201	2.36	3.5
Q924601		1340	170.5	<0.002	2.87	8.77	8.4	1	8.6	72.3	0.46	0.57	9.8	0.179	2.10	8.2
Q924602		17.2	107.5	<0.002	0.57	9.77	10.4	1	2.0	73.9	0.51	<0.05	8.8	0.256	1.88	2.9
Q924603		1.9	1.0	<0.002	<0.01	0.05	0.1	<1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q924604		17.4	113.0	<0.002	0.07	14.15	10.1	1	1.9	73.6	0.60	<0.05	8.0	0.280	2.02	2.4
Q924605		44.6	119.0	<0.002	0.26	30.6	9.9	1	1.9	129.5	0.54	<0.05	10.9	0.233	2.44	4.3
Q924606		14.9	109.5	<0.002	0.06	18.20	12.6	1	2.0	88.2	0.68	<0.05	13.7	0.284	1.61	2.4
Q924607		22.7	102.5	<0.002	0.34	23.2	9.5	1	1.7	126.0	0.55	<0.05	8.7	0.231	2.04	4.0
Q924608		1.5	1.2	<0.002	<0.01	0.11	0.2	<1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q924609		24.4	134.0	<0.002	0.24	9.38	12.7	1	1.8	191.5	0.65	<0.05	11.6	0.282	1.66	2.6
Q924610		18.0	114.5	<0.002	0.09	15.65	11.4	<1	1.8	92.4	0.58	<0.05	8.8	0.283	1.77	2.5
Q924611		12.3	114.5	<0.002	0.10	15.00	11.9	1	1.9	89.1	0.60	<0.05	9.8	0.308	1.63	2.3
Q924612		14.1	81.4	<0.002	0.07	14.10	11.0	1	2.0	111.0	0.62	<0.05	10.1	0.272	1.40	3.1
Q924613		119.5	129.0	<0.002	0.11	14.75	10.6	1	2.1	102.5	0.64	<0.05	10.0	0.264	1.76	3.5
Q924614		17.9	124.5	<0.002	0.04	17.60	11.4	1	2.0	93.9	0.76	<0.05	11.2	0.289	1.40	4.5
Q924615		17.0	114.5	<0.002	0.01	2.52	12.4	1	1.9	391	0.96	<0.05	12.0	0.305	1.22	3.8
Q924616		15.7	107.0	<0.002	0.06	14.25	10.9	1	1.9	109.0	0.82	<0.05	9.4	0.287	1.79	3.3
Q924617		21.9	125.5	<0.002	0.50	15.75	9.9	<1	1.9	100.5	0.60	<0.05	10.9	0.224	1.53	4.2
Q924618		20.8	120.5	<0.002	0.03	3.33	11.9	1	1.9	311	0.80	<0.05	11.8	0.285	1.29	4.2
Q924619		493	169.0	0.002	2.60	27.0	9.2	2	5.6	105.5	0.46	0.51	11.3	0.203	2.56	5.3
Q924620		32.6	151.5	<0.002	0.16	12.70	11.0	1	2.6	111.5	0.77	<0.05	9.5	0.279	2.28	3.5
Q924621		39.1	171.5	<0.002	0.28	14.00	9.6	<1	2.0	83.1	0.68	<0.05	10.0	0.223	2.49	2.7
Q924622		17.7	93.8	<0.002	0.05	9.14	10.8	1	1.8	132.0	0.64	<0.05	9.6	0.289	1.47	1.9
Q924623		13.2	123.0	<0.002	0.03	9.91	11.2	1	1.6	234	0.59	<0.05	10.5	0.276	1.53	2.1
Q924624		64.6	114.5	<0.002	0.42	4.81	12.0	1	2.2	298	0.60	<0.05	11.2	0.291	1.49	2.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099756

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924589		65	5.8	12.0	73	29.9
Q924590		57	2.3	12.4	82	24.8
Q924591		58	2.5	12.4	78	24.9
Q924592		62	1.9	11.7	64	27.1
Q924593		64	0.6	13.7	58	26.0
Q924594		62	6.0	10.5	2380	27.8
Q924595		61	3.2	12.9	312	25.6
Q924596		62	2.2	11.4	375	26.3
Q924597		64	3.5	10.6	1280	19.2
Q924598		73	2.3	12.4	63	22.0
Q924599		59	3.0	8.7	960	18.2
Q924600		59	3.1	8.7	1020	15.8
Q924601		52	5.0	12.3	1640	15.2
Q924602		78	7.6	11.7	142	27.2
Q924603		2	0.1	0.6	20	0.9
Q924604		79	6.9	9.6	142	31.4
Q924605		70	3.9	13.9	123	29.5
Q924606		81	8.0	13.4	82	45.0
Q924607		70	3.8	12.1	126	30.0
Q924608		2	0.1	0.7	13	<0.5
Q924609		86	3.7	16.1	120	35.5
Q924610		85	4.7	11.0	123	33.7
Q924611		86	5.0	10.7	78	38.8
Q924612		77	4.8	12.4	66	38.2
Q924613		77	2.3	13.1	291	34.7
Q924614		82	3.4	12.9	126	40.5
Q924615		89	1.3	18.5	72	39.8
Q924616		83	3.4	12.1	290	38.4
Q924617		69	5.2	14.7	252	26.8
Q924618		81	2.3	15.4	98	33.3
Q924619		66	5.7	11.0	867	28.8
Q924620		79	3.8	13.1	335	31.9
Q924621		73	2.9	12.5	475	28.9
Q924622		84	2.6	12.3	300	38.3
Q924623		80	2.6	12.7	228	32.1
Q924624		82	1.9	14.0	344	30.9

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099756

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21d	LOG-22
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099757

Project: KLAZA

P.O. No.: BATCH 29

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um
PUL-31d	Pulverize Split - duplicate
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099757

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924162		3.58	0.078	2.49	7.45	945	1410	1.38	3.86	0.11	8.96	45.0	2.5	12	14.20	34.1
Q924163		6.35	0.028	0.37	7.88	498	1280	1.69	0.47	0.99	10.75	45.7	11.3	10	14.30	37.5
Q924164		5.37	0.139	1.25	7.83	953	1130	1.78	0.27	0.67	9.71	46.3	8.9	10	17.25	23.9
Q924165		3.17	<0.005	0.02	0.09	4.7	120	0.05	0.04	20.7	0.12	1.11	0.6	<1	0.18	1.1
Q924166		5.97	0.044	0.85	7.23	429	1690	1.62	0.28	1.83	13.55	44.7	10.6	9	11.30	20.2
Q924167		2.69	0.006	0.18	6.09	38.7	1590	1.40	0.19	3.87	1.99	33.5	8.9	8	11.75	4.9
Q924168		8.09	<0.005	0.33	7.29	19.4	1970	1.57	0.20	2.57	0.41	44.4	8.4	12	7.94	6.4
Q924169		3.60	<0.005	0.66	7.44	37.4	1500	1.51	0.42	2.21	5.65	57.7	10.1	12	10.85	6.4
Q924170		<0.02	0.005	0.70	7.45	34.1	1490	1.53	0.41	2.24	5.56	56.2	10.5	9	10.65	6.0
Q924171		2.72	0.032	1.25	6.56	88.5	1240	1.47	0.76	2.38	16.35	33.2	9.2	8	10.85	11.0
Q924172		8.94	<0.005	0.20	7.14	19.1	1660	1.48	0.31	2.78	1.19	43.5	8.2	9	9.95	4.9
Q924173		3.54	0.020	0.15	6.90	27.5	880	1.48	0.45	4.90	0.54	45.5	7.9	9	10.75	3.0
Q924174		9.46	<0.005	0.07	7.42	9.6	1610	1.54	0.22	3.37	0.26	46.4	8.0	11	9.12	4.5
Q924175		8.88	<0.005	0.06	7.47	9.7	2070	1.57	0.17	2.91	0.18	46.7	8.4	11	7.41	5.6
Q924176		0.23	0.911	12.65	6.68	1595	710	1.51	10.65	1.92	34.3	47.3	17.8	20	12.65	294
Q924177		10.07	<0.005	0.09	7.62	9.4	2140	1.44	0.27	3.05	0.21	44.5	8.4	14	8.51	5.5
Q924178		8.31	<0.005	0.07	7.26	17.0	1890	1.53	0.22	2.94	0.23	45.1	7.8	12	8.32	4.6
Q924179		6.23	<0.005	0.11	6.88	25.1	1080	1.41	0.25	7.12	0.43	45.6	8.1	7	12.35	2.9
Q924180		4.30	0.006	0.08	7.02	37.6	1480	1.59	0.19	3.11	0.28	42.2	7.9	11	9.78	4.5
Q924181		8.01	<0.005	0.06	7.24	10.4	1930	1.59	0.16	3.25	0.46	44.4	7.3	14	8.51	6.4
Q924182		6.11	<0.005	0.08	7.38	10.6	2290	1.48	0.20	3.45	0.43	39.7	8.1	11	8.22	7.3
Q924183		9.66	<0.005	0.09	7.34	5.1	2000	1.51	0.20	3.24	0.16	43.3	8.1	12	8.47	6.5
Q924184		4.55	<0.005	0.13	7.34	6.1	1880	1.28	0.26	2.82	1.32	40.9	7.5	9	11.20	7.8
Q924185		0.24	0.869	12.20	6.72	1610	620	1.47	10.40	1.92	34.5	47.3	17.5	19	12.65	297
Q924186		5.14	0.052	6.51	6.65	58.3	880	1.71	0.33	4.07	69.8	50.7	8.7	8	16.45	150.5
Q924187		3.34	<0.005	0.02	0.07	0.4	30	0.07	0.02	20.8	0.18	1.08	0.6	<1	0.14	1.8
Q924188		3.65	<0.005	0.14	6.96	11.2	1870	1.37	0.25	3.32	0.61	39.0	8.6	9	8.65	8.2
Q924189		7.96	<0.005	0.19	7.30	7.0	2090	1.55	0.25	2.91	1.03	39.3	8.6	10	10.15	8.6
Q924190		6.36	<0.005	0.29	6.93	46.4	1540	1.61	0.20	2.83	2.78	42.5	7.9	9	15.20	19.3
Q924191		4.10	0.047	1.74	7.54	237	1010	1.68	0.54	1.74	17.25	49.8	7.2	9	14.00	104.0
Q924192		1.33	0.027	1.14	7.37	219	980	1.73	0.29	1.81	12.40	44.4	7.2	9	14.15	75.8
Q924193		3.94	0.021	0.40	7.01	65.5	1660	1.51	0.44	2.29	0.99	47.8	10.1	9	16.20	14.9
Q924194		7.84	<0.005	0.11	7.11	12.6	2030	1.46	0.53	2.61	0.27	42.5	7.5	10	22.8	9.7
Q924196		6.33	<0.005	0.09	7.33	4.5	2100	1.54	0.51	2.76	0.18	44.4	8.1	12	23.0	5.0
Q924197		10.79	<0.005	0.20	6.92	16.8	1630	1.54	0.48	2.98	0.24	39.3	8.7	10	23.8	8.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099757

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924162		3.76	16.60	0.21	1.1	0.320	3.44	25.5	6.3	0.23	271	6.73	0.03	7.5	1.6	360
Q924163		3.91	17.00	0.20	1.1	0.073	3.11	23.8	34.6	0.26	2000	1.75	0.06	8.1	3.1	680
Q924164		3.80	17.25	0.21	1.1	0.102	3.49	25.0	27.0	0.27	4870	1.09	0.11	7.7	3.0	620
Q924165		0.50	0.24	0.10	<0.1	0.005	0.03	0.5	1.1	12.50	227	0.11	<0.01	0.2	1.3	160
Q924166		3.55	16.50	0.21	1.0	0.087	2.78	23.1	15.7	0.47	3520	0.91	1.00	7.7	3.1	630
Q924167		3.66	15.25	0.17	1.3	0.075	3.00	14.9	22.2	0.33	1770	1.56	0.47	7.3	2.4	570
Q924168		3.28	16.75	0.18	1.2	0.044	2.42	23.1	10.4	0.79	817	0.98	1.87	8.2	3.1	640
Q924169		5.37	17.35	0.20	1.0	0.211	2.66	32.6	22.9	0.77	2370	1.10	0.67	7.5	2.9	630
Q924170		5.43	17.15	0.16	1.0	0.208	2.68	31.0	22.7	0.78	2410	1.05	0.68	7.4	3.0	610
Q924171		4.93	16.80	0.19	0.8	0.287	2.60	17.4	35.9	0.35	2480	1.65	0.09	6.1	2.2	510
Q924172		3.21	15.80	0.18	1.0	0.088	2.45	21.8	10.4	0.70	1120	1.08	1.39	7.5	2.7	610
Q924173		3.76	15.80	0.18	1.0	0.097	2.20	24.4	16.8	0.64	1320	0.71	1.32	7.0	2.6	590
Q924174		3.05	16.25	0.18	1.0	0.047	2.22	24.3	14.3	0.77	912	0.61	1.94	7.7	2.8	630
Q924175		3.33	16.90	0.19	1.1	0.051	2.42	23.5	10.4	0.87	910	0.82	1.98	7.8	3.0	650
Q924176		6.62	15.65	0.18	1.1	0.808	2.77	26.0	20.6	0.76	1870	9.15	0.13	6.4	12.0	540
Q924177		3.40	16.90	0.18	1.1	0.050	2.59	22.8	10.6	0.84	957	1.26	1.90	7.7	2.9	650
Q924178		3.25	16.70	0.18	1.1	0.051	2.60	22.1	9.1	0.82	977	2.38	1.71	7.9	2.9	610
Q924179		3.69	14.50	0.15	1.0	0.066	2.43	24.8	10.5	0.91	1740	15.75	0.84	6.5	2.4	580
Q924180		3.43	16.20	0.17	1.1	0.056	2.39	21.4	12.9	0.76	1140	1.71	1.32	7.4	2.7	620
Q924181		3.06	16.40	0.18	1.1	0.040	2.35	22.5	9.5	0.81	946	1.79	1.89	7.4	2.7	610
Q924182		3.17	16.05	0.18	1.0	0.039	2.53	20.0	9.6	0.87	922	1.40	1.99	7.2	2.8	600
Q924183		3.21	16.65	0.18	1.1	0.035	2.41	21.8	10.9	0.89	890	5.69	2.03	8.1	2.8	660
Q924184		2.87	17.50	0.19	1.2	0.046	2.61	20.3	22.3	0.72	937	1.11	0.76	8.3	2.8	680
Q924185		6.68	15.75	0.20	1.1	0.792	2.80	25.9	20.5	0.76	1860	9.10	0.13	6.4	12.3	540
Q924186		4.00	17.05	0.20	1.0	0.395	2.52	26.9	27.9	0.72	2620	2.79	0.36	7.4	2.8	600
Q924187		0.48	0.20	0.09	<0.1	0.006	0.02	0.5	1.1	12.55	220	0.08	0.01	0.1	1.5	190
Q924188		3.18	16.15	0.18	1.1	0.036	2.34	20.2	16.1	0.79	897	0.70	1.02	7.5	3.3	630
Q924189		3.28	16.95	0.17	1.1	0.045	2.36	19.4	11.3	0.88	768	0.49	2.02	8.0	3.0	660
Q924190		2.92	16.10	0.19	1.1	0.042	2.84	22.1	19.0	0.78	2260	0.42	0.57	7.3	2.7	590
Q924191		4.39	15.75	0.22	1.1	0.201	3.42	26.6	10.4	0.61	6960	0.59	0.06	7.2	2.5	620
Q924192		3.84	16.35	0.21	1.1	0.116	3.32	23.2	15.1	0.63	7380	0.54	0.06	7.4	2.5	610
Q924193		3.39	15.60	0.21	1.1	0.064	3.04	24.8	23.1	0.82	2740	1.24	0.36	8.0	2.8	750
Q924194		3.30	16.00	0.21	1.1	0.060	2.80	21.3	13.6	0.78	1270	4.02	1.56	7.4	2.5	600
Q924196		3.33	16.50	0.17	1.3	0.055	2.44	21.5	19.1	0.82	844	1.51	1.93	8.2	2.8	670
Q924197		3.39	15.90	0.17	1.1	0.039	2.40	19.6	33.8	0.88	1140	0.75	0.80	7.6	3.1	600

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099757

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924162		400	209	<0.002	0.22	21.5	11.2	<1	3.9	67.6	0.60	0.06	10.4	0.268	2.47	2.8
Q924163		43.5	178.5	<0.002	0.04	12.15	12.4	<1	2.0	52.7	0.61	<0.05	12.6	0.293	2.10	3.5
Q924164		269	226	<0.002	0.12	21.4	12.3	1	2.8	68.3	0.56	<0.05	11.4	0.277	2.63	3.0
Q924165		2.6	1.6	<0.002	<0.01	0.13	0.2	<1	<0.2	50.3	<0.05	<0.05	0.5	<0.005	0.02	0.5
Q924166		141.5	160.5	<0.002	0.08	21.1	12.0	1	3.4	199.0	0.53	<0.05	9.8	0.269	1.82	2.6
Q924167		20.3	141.5	<0.002	0.16	7.85	9.4	<1	1.8	116.0	0.58	<0.05	8.9	0.253	1.99	2.5
Q924168		14.3	110.0	<0.002	0.02	2.76	12.1	1	1.8	305	0.62	<0.05	10.7	0.274	1.18	1.6
Q924169		238	149.0	<0.002	0.41	4.40	11.7	<1	4.7	116.5	0.56	<0.05	12.0	0.270	1.60	2.7
Q924170		230	147.5	<0.002	0.43	4.49	11.7	<1	4.8	116.5	0.53	<0.05	11.7	0.265	1.59	2.7
Q924171		476	153.5	<0.002	0.77	5.94	9.3	<1	4.4	52.2	0.41	<0.05	8.3	0.219	1.71	3.1
Q924172		36.2	125.5	<0.002	0.04	3.03	11.2	<1	2.4	190.5	0.53	<0.05	10.4	0.266	1.42	1.6
Q924173		16.6	135.0	<0.002	0.34	4.67	10.8	<1	1.7	171.0	0.53	<0.05	9.9	0.244	1.57	3.0
Q924174		11.3	110.0	<0.002	0.02	2.87	11.8	<1	1.6	259	0.57	<0.05	11.7	0.268	1.12	1.3
Q924175		13.2	111.0	<0.002	0.04	1.67	11.9	1	1.6	328	0.57	<0.05	10.7	0.278	1.16	1.2
Q924176		1330	176.5	<0.002	4.63	66.1	9.6	1	8.0	98.9	0.52	1.16	11.1	0.207	2.70	5.0
Q924177		13.7	120.0	<0.002	0.08	2.09	11.9	<1	1.6	303	0.56	<0.05	11.0	0.276	1.31	1.5
Q924178		12.6	118.0	<0.002	0.03	2.52	11.8	<1	1.6	271	0.58	<0.05	11.0	0.276	1.33	1.4
Q924179		8.1	135.5	<0.002	0.27	4.61	10.2	1	1.6	171.5	0.47	<0.05	11.6	0.241	1.45	2.8
Q924180		10.2	120.0	<0.002	0.18	3.20	11.4	<1	1.6	195.5	0.52	<0.05	10.7	0.265	1.35	1.9
Q924181		13.6	111.5	0.002	0.05	2.37	11.1	<1	1.6	268	0.52	<0.05	10.7	0.266	1.23	1.7
Q924182		18.6	109.5	<0.002	0.05	2.03	10.9	<1	1.5	315	0.52	<0.05	9.7	0.267	1.21	2.1
Q924183		13.8	108.0	<0.002	0.02	2.47	11.6	<1	1.7	307	0.61	<0.05	9.9	0.278	1.16	2.0
Q924184		32.9	100.5	<0.002	0.02	6.57	11.5	<1	2.0	165.5	0.62	<0.05	9.6	0.287	1.36	3.7
Q924185		1345	178.0	<0.002	4.67	66.9	9.7	1	7.9	99.2	0.51	1.01	11.2	0.206	2.77	5.3
Q924186		3460	138.5	<0.002	1.07	14.75	12.6	<1	3.7	136.0	0.52	<0.05	9.3	0.266	2.04	4.1
Q924187		5.8	1.2	<0.002	<0.01	0.05	0.2	<1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q924188		24.3	87.8	<0.002	0.02	4.75	11.0	1	1.9	231	0.53	<0.05	8.1	0.271	1.09	1.3
Q924189		28.5	96.2	<0.002	0.01	2.47	11.8	<1	1.8	351	0.58	<0.05	9.3	0.289	1.14	1.4
Q924190		43.9	134.0	<0.002	0.08	6.60	11.1	1	1.7	173.0	0.55	<0.05	10.6	0.256	1.92	3.7
Q924191		398	183.5	<0.002	2.06	13.90	11.4	<1	2.1	66.5	0.52	<0.05	11.2	0.269	2.90	3.0
Q924192		343	176.5	<0.002	1.26	12.60	11.2	1	2.0	69.5	0.55	<0.05	10.9	0.267	2.78	2.6
Q924193		47.5	161.5	<0.002	0.49	13.10	12.0	<1	2.0	129.5	0.58	<0.05	11.1	0.299	2.39	5.2
Q924194		21.6	128.0	<0.002	0.05	3.86	10.7	1	1.7	285	0.55	<0.05	10.7	0.270	1.79	2.7
Q924196		16.5	105.5	<0.002	0.02	2.84	12.0	<1	1.7	345	0.62	<0.05	10.5	0.284	1.21	3.4
Q924197		18.2	97.0	<0.002	0.08	10.10	11.1	<1	1.5	188.5	0.58	<0.05	10.5	0.256	1.36	4.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099757

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924162		76	5.5	4.8	943	25.6
Q924163		81	2.9	13.8	1340	27.0
Q924164		77	3.0	13.9	1060	24.8
Q924165		2	0.1	0.7	20	1.1
Q924166		77	2.0	15.4	651	24.7
Q924167		71	3.8	12.5	312	29.9
Q924168		80	2.4	14.8	154	25.4
Q924169		79	5.2	13.6	622	23.4
Q924170		80	5.2	13.6	619	22.4
Q924171		76	5.9	9.9	1660	18.5
Q924172		75	2.1	12.0	252	22.9
Q924173		67	3.3	13.9	189	23.7
Q924174		74	1.5	13.2	131	25.0
Q924175		79	1.2	14.7	119	24.9
Q924176		64	6.0	11.2	2450	27.6
Q924177		79	2.0	14.0	115	25.3
Q924178		79	1.7	13.6	156	26.9
Q924179		67	3.1	14.4	176	23.2
Q924180		76	2.8	12.8	197	26.2
Q924181		76	1.3	12.8	133	24.8
Q924182		77	1.2	13.2	128	23.5
Q924183		80	1.4	13.6	130	24.7
Q924184		84	3.8	13.4	292	27.1
Q924185		65	6.3	11.1	2410	27.7
Q924186		96	3.1	16.2	5550	24.2
Q924187		2	0.1	0.8	27	<0.5
Q924188		78	2.3	15.5	597	26.4
Q924189		85	1.3	14.2	270	24.6
Q924190		73	1.4	13.6	615	25.8
Q924191		78	3.3	12.5	1880	24.7
Q924192		76	2.9	12.4	1660	25.2
Q924193		83	2.9	14.3	174	27.4
Q924194		76	1.6	13.7	104	25.0
Q924196		84	1.0	15.6	67	28.2
Q924197		76	1.7	14.6	83	26.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 15-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099757

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21d	LOG-22
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 16-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099758

Project: KLAZA

P.O. No.: BATCH 30

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um
PUL-31d	Pulverize Split - duplicate
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 16-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099758

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q924198		10.68	<0.005	0.11	7.26	4.1	2180	1.48	0.33	2.81	0.10	44.1	7.8	16	9.84	7.3
Q924199		5.22	<0.005	0.23	7.32	3.6	1940	1.54	0.32	2.48	0.14	42.7	7.9	13	15.55	6.8
Q924200		9.01	<0.005	0.09	6.82	6.4	2510	1.37	0.44	2.16	0.11	38.4	7.9	11	14.15	6.3
Q924201		7.03	<0.005	0.07	7.28	3.3	2300	1.48	0.33	2.74	0.09	42.5	7.8	18	10.10	5.7
Q924202		3.51	<0.005	0.19	7.27	3.4	2460	1.37	0.23	2.70	0.10	40.0	7.7	15	10.50	6.4
Q924203		7.01	<0.005	0.15	7.51	10.8	1890	1.20	0.35	1.61	0.18	41.4	7.2	12	16.60	8.7
Q924204		7.18	<0.005	0.15	7.40	20.7	2050	1.73	0.43	3.08	0.12	46.1	8.0	15	12.00	20.4
Q924205		4.41	0.009	0.27	7.03	120.5	1530	1.57	0.24	1.74	0.26	38.2	6.6	11	19.45	5.6
Q924206		3.19	<0.005	0.03	0.09	<0.2	30	0.07	0.02	20.5	0.07	1.20	0.6	<1	0.23	2.7
Q924207		5.78	<0.005	0.05	7.60	6.4	2040	1.66	0.21	2.61	0.09	48.2	7.9	15	8.17	7.0
Q924208		3.04	<0.005	0.13	6.95	8.1	1590	1.63	0.25	2.81	0.11	36.9	7.5	11	11.40	9.6
Q924209		0.20	0.354	4.64	6.65	695	670	1.29	3.43	2.04	11.05	49.9	11.5	26	12.40	304
Q924210		2.95	0.011	0.40	8.14	124.0	4130	1.98	0.43	1.63	0.42	23.9	10.6	10	21.4	7.5
Q924211		4.35	<0.005	0.15	7.27	6.2	2200	1.44	0.63	2.70	0.16	42.9	7.9	13	7.70	8.8
Q924212		8.96	<0.005	0.11	7.38	13.1	2230	1.49	0.40	2.61	0.19	45.4	7.5	13	7.08	8.7
Q924213		4.11	<0.005	0.09	7.38	7.6	2170	1.53	0.34	2.61	0.13	46.3	7.5	15	7.21	8.6
Q924214		5.90	<0.005	0.16	7.40	7.0	2310	1.49	0.38	2.73	0.16	47.5	7.5	15	6.54	7.3
Q924215		2.54	0.008	0.31	7.10	101.0	2130	1.57	0.73	1.98	0.66	21.3	9.1	12	20.9	11.2
Q924216		4.73	<0.005	0.09	7.54	9.1	2130	1.53	0.25	2.62	0.11	42.2	7.2	11	8.02	8.6
Q924217		4.01	<0.005	0.13	7.15	10.8	1970	1.74	0.20	2.76	0.18	43.3	6.9	14	16.65	6.7
Q924218		3.58	<0.005	0.12	7.70	6.8	2080	1.90	0.27	2.16	0.10	44.2	9.3	11	8.98	8.5
Q924219		3.40	0.010	0.27	6.74	48.2	1640	1.51	0.30	4.01	0.22	41.8	7.1	10	26.0	5.7
Q924220		<0.02	0.007	0.23	6.41	47.6	1640	1.44	0.27	3.75	0.20	41.8	7.1	9	26.3	5.4
Q924221		7.02	0.005	0.10	7.50	7.5	2030	1.44	0.22	2.78	0.11	49.7	8.1	14	12.35	9.2
Q924222		5.78	0.020	0.16	7.40	19.6	1850	1.60	0.28	2.31	0.12	43.7	7.2	12	14.00	12.1
Q924223		0.23	0.883	11.25	6.49	1545	590	1.41	12.90	1.85	33.8	47.6	16.5	19	12.60	273
Q924224		6.78	0.010	0.33	6.65	158.0	1340	1.50	0.50	4.58	0.42	43.2	7.4	11	15.60	5.0
Q924225		4.68	<0.005	0.09	6.69	27.5	1450	1.46	0.27	3.16	0.20	40.7	7.5	12	14.00	7.4
Q924226		7.14	<0.005	0.07	7.80	9.0	2180	1.67	0.24	2.86	0.15	49.9	8.2	15	11.45	7.4
Q924227		3.42	0.005	0.17	7.06	94.9	1620	1.44	0.23	2.21	0.32	40.7	8.4	12	18.35	13.8
Q924228		8.01	0.006	0.07	7.49	66.7	1980	1.51	0.23	2.37	0.13	47.7	7.4	14	9.60	6.6
Q924229		5.43	<0.005	0.17	6.85	353	1740	1.64	0.44	1.47	0.22	43.3	7.0	13	12.50	5.8
Q924230		6.16	0.014	1.05	6.73	173.0	950	1.61	0.19	2.94	0.65	46.6	7.0	11	15.90	6.7
Q924231		3.15	<0.005	0.01	0.07	0.2	150	0.07	0.03	20.4	0.07	1.22	0.7	<1	0.21	2.6
Q924232		8.17	<0.005	0.08	7.07	7.1	2000	1.53	0.20	2.65	0.09	43.1	7.3	13	11.50	6.2
Q924233		13.14	<0.005	0.13	7.05	7.2	2050	1.59	0.31	3.06	0.17	39.9	7.3	16	13.40	9.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 16-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099758

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924198		3.15	15.95	0.14	1.1	0.036	2.43	22.0	12.9	0.88	684	0.58	2.17	7.5	3.0	620
Q924199		3.15	15.70	0.18	1.1	0.041	2.48	21.3	17.1	0.69	771	0.58	1.71	7.4	2.8	620
Q924200		3.04	15.05	0.15	1.1	0.038	2.48	16.1	19.4	0.45	733	0.69	1.12	7.4	2.8	590
Q924201		3.14	15.95	0.13	1.1	0.039	2.58	20.5	18.3	0.89	668	0.52	2.30	7.5	2.9	610
Q924202		3.04	15.60	0.14	1.1	0.039	2.66	19.6	15.8	0.85	632	0.46	2.19	7.2	2.8	600
Q924203		3.19	16.30	0.16	1.2	0.057	2.52	20.3	26.1	0.51	1120	0.64	0.34	7.7	2.9	650
Q924204		3.16	16.40	0.16	1.2	0.057	2.53	23.3	11.7	0.59	735	1.06	2.05	7.7	2.9	630
Q924205		3.23	15.75	0.14	1.3	0.057	2.71	19.6	63.9	0.34	1460	2.92	0.63	7.7	2.4	580
Q924206		0.49	0.25	0.06	<0.1	<0.005	0.03	0.6	1.2	12.90	213	0.09	0.01	0.2	1.7	160
Q924207		3.11	16.45	0.13	1.4	0.032	2.52	24.7	13.4	0.81	649	0.91	2.23	7.9	2.9	610
Q924208		3.29	16.50	0.13	1.5	0.033	2.48	16.1	35.5	0.37	1040	1.09	1.12	8.4	3.0	610
Q924209		4.93	14.80	0.17	1.0	0.297	2.88	28.7	25.1	0.78	1880	13.95	0.15	5.9	14.2	520
Q924210		3.98	18.10	0.16	1.2	0.073	4.03	9.6	17.5	0.35	5400	5.64	0.42	7.8	3.0	640
Q924211		3.15	16.50	0.16	1.1	0.046	2.52	21.4	12.4	0.82	793	0.73	2.13	7.6	2.9	630
Q924212		3.14	16.25	0.14	1.2	0.043	2.53	23.1	14.7	0.83	735	0.70	2.22	7.5	2.9	620
Q924213		3.06	16.65	0.16	1.2	0.050	2.46	23.4	14.7	0.86	653	0.55	2.26	7.5	2.9	620
Q924214		3.09	16.00	0.16	1.1	0.051	2.42	24.8	16.1	0.89	675	0.71	2.17	7.4	3.0	610
Q924215		3.37	16.45	0.14	1.1	0.169	2.86	10.2	31.8	0.29	1240	3.29	0.64	7.3	3.2	590
Q924216		3.05	15.60	0.15	1.1	0.041	2.47	21.7	13.4	0.72	626	0.69	2.09	7.2	2.8	620
Q924217		3.11	15.45	0.13	1.2	0.045	2.52	21.2	14.1	0.48	748	1.18	1.46	7.2	2.8	650
Q924218		3.54	17.05	0.15	1.2	0.045	2.50	22.0	22.1	0.85	706	0.89	1.70	8.2	3.3	650
Q924219		3.60	14.40	0.14	1.0	0.068	2.87	21.8	25.4	0.77	3940	1.01	0.43	6.5	2.3	560
Q924220		3.47	14.55	0.15	1.1	0.062	2.84	20.9	25.8	0.70	3580	0.98	0.42	6.6	2.5	570
Q924221		3.46	16.20	0.15	1.2	0.085	2.75	25.5	13.5	0.77	983	0.85	1.77	7.6	3.1	630
Q924222		3.23	16.20	0.15	1.2	0.057	2.63	21.4	18.2	0.59	911	1.13	1.36	7.7	2.8	610
Q924223		6.42	15.05	0.16	1.1	0.776	2.79	25.2	19.7	0.77	1860	8.80	0.12	6.0	11.7	510
Q924224		3.83	16.30	0.14	1.2	0.134	2.81	22.2	21.6	0.93	3300	1.83	0.06	7.2	2.6	550
Q924225		3.05	15.45	0.14	1.1	0.047	2.52	19.2	20.9	0.65	1140	0.94	1.43	7.2	2.9	610
Q924226		3.22	16.35	0.15	1.3	0.040	2.60	26.0	13.2	0.88	709	1.14	2.32	7.8	3.2	640
Q924227		3.04	16.60	0.19	1.2	0.047	2.61	20.1	37.4	0.41	863	1.70	0.95	7.7	3.6	630
Q924228		3.18	15.75	0.18	1.2	0.041	2.61	24.7	11.6	0.70	754	0.97	1.94	7.2	2.9	600
Q924229		3.23	15.45	0.18	1.2	0.086	2.72	23.2	38.1	0.29	1160	2.19	0.92	7.3	2.5	570
Q924230		2.93	14.50	0.15	1.1	0.043	2.48	24.9	87.5	0.93	1980	1.41	0.21	7.1	2.7	590
Q924231		0.49	0.25	0.09	<0.1	0.005	0.03	0.6	1.4	12.95	211	0.18	0.01	0.2	2.0	210
Q924232		2.95	15.60	0.17	1.2	0.045	2.42	21.5	15.1	0.83	688	1.42	1.80	7.2	2.6	590
Q924233		3.08	16.40	0.14	1.2	0.046	2.56	20.2	17.6	0.76	743	1.29	1.76	7.2	2.9	600

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 16-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099758

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924198		17.2	89.2	<0.002	0.01	1.15	11.1	1	1.7	388	0.59	<0.05	10.4	0.288	0.91	3.0
Q924199		23.1	100.5	<0.002	0.02	6.72	10.8	<1	1.9	283	0.59	<0.05	11.1	0.289	1.00	2.9
Q924200		15.5	87.8	0.002	0.03	13.65	9.8	1	1.8	215	0.62	<0.05	10.2	0.274	0.97	3.2
Q924201		15.4	88.3	<0.002	0.01	1.19	10.7	1	1.7	416	0.61	<0.05	10.7	0.282	1.01	3.1
Q924202		20.8	92.8	<0.002	0.01	1.63	10.3	1	1.6	399	0.57	<0.05	9.6	0.275	0.94	2.6
Q924203		16.6	103.5	<0.002	0.07	22.4	11.1	<1	1.9	120.0	0.63	<0.05	10.4	0.294	1.23	3.7
Q924204		20.3	101.0	<0.002	0.03	9.56	11.1	1	1.9	336	0.66	<0.05	11.8	0.279	1.13	2.3
Q924205		27.0	129.0	<0.002	0.03	23.2	10.0	1	1.4	148.0	0.70	<0.05	10.8	0.272	1.84	3.0
Q924206		2.3	1.4	<0.002	<0.01	0.17	0.2	<1	<0.2	48.8	<0.05	<0.05	0.2	<0.005	0.02	0.6
Q924207		16.2	103.5	<0.002	<0.01	1.56	11.2	1	1.5	370	0.76	<0.05	13.4	0.276	1.00	1.7
Q924208		16.9	88.5	<0.002	0.01	6.09	10.1	1	1.5	213	0.87	<0.05	10.1	0.286	1.17	3.0
Q924209		477	164.0	0.004	2.69	27.8	8.9	1	5.3	109.0	0.49	0.25	11.3	0.207	2.39	4.9
Q924210		28.6	213	<0.002	0.12	14.25	10.9	1	2.4	160.5	0.72	<0.05	9.4	0.298	2.87	4.1
Q924211		21.0	94.3	<0.002	0.01	2.70	10.8	1	1.8	378	0.60	<0.05	10.6	0.283	1.02	1.5
Q924212		20.6	94.2	<0.002	0.04	2.73	10.9	1	2.0	380	0.63	<0.05	11.8	0.278	1.02	1.7
Q924213		18.4	92.8	<0.002	0.07	2.47	11.1	1	1.9	389	0.66	<0.05	12.0	0.279	1.01	1.8
Q924214		25.6	88.3	<0.002	0.09	3.32	11.1	1	2.1	405	0.61	<0.05	11.6	0.283	0.94	2.3
Q924215		28.1	122.5	<0.002	0.06	12.80	10.5	1	3.3	159.0	0.60	<0.05	8.8	0.280	1.72	2.5
Q924216		20.6	86.3	<0.002	<0.01	3.44	10.3	1	1.8	374	0.60	<0.05	10.1	0.283	0.95	1.4
Q924217		16.9	102.5	<0.002	0.01	15.10	10.7	1	1.5	253	0.59	<0.05	10.7	0.288	1.25	2.1
Q924218		17.9	101.5	<0.002	<0.01	2.86	12.2	1	1.7	310	0.68	<0.05	12.1	0.294	1.07	1.6
Q924219		75.9	135.0	<0.002	0.22	25.2	9.9	1	1.6	156.5	0.52	<0.05	10.1	0.255	1.87	3.0
Q924220		67.3	126.5	<0.002	0.21	24.1	9.8	1	1.6	151.5	0.51	<0.05	9.8	0.248	1.91	2.8
Q924221		22.2	120.0	<0.002	0.10	4.59	11.8	1	1.9	325	0.63	<0.05	12.2	0.286	1.42	2.6
Q924222		20.1	104.5	<0.002	0.11	7.93	10.8	1	2.3	252	0.67	<0.05	12.4	0.279	1.30	2.3
Q924223		1270	167.0	<0.002	4.63	62.4	9.2	2	7.9	96.6	0.53	0.94	11.5	0.215	2.69	5.2
Q924224		18.8	128.5	<0.002	0.14	9.94	10.1	1	6.0	85.2	0.65	<0.05	11.4	0.256	1.96	3.8
Q924225		21.6	101.0	<0.002	0.05	4.66	10.0	<1	2.5	253	0.61	<0.05	9.8	0.277	1.48	2.3
Q924226		17.5	105.0	0.002	<0.01	1.94	11.4	1	1.8	403	0.63	<0.05	12.2	0.308	1.13	1.8
Q924227		24.1	113.5	<0.002	0.04	7.70	10.9	1	2.9	163.5	0.64	<0.05	10.9	0.284	1.71	2.5
Q924228		16.1	113.0	<0.002	0.05	3.36	10.6	<1	1.7	328	0.61	<0.05	12.7	0.281	1.19	2.7
Q924229		16.6	133.0	<0.002	0.03	8.76	10.5	1	1.7	160.5	0.65	<0.05	12.2	0.257	1.72	2.9
Q924230		48.0	127.0	<0.002	0.21	21.9	10.7	1	1.8	138.5	0.58	<0.05	11.5	0.264	1.98	4.4
Q924231		2.2	1.5	<0.002	0.01	0.09	0.2	<1	<0.2	57.3	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q924232		16.1	94.5	<0.002	0.02	3.56	10.3	1	1.6	337	0.60	<0.05	11.2	0.273	1.11	2.7
Q924233		18.5	88.0	<0.002	0.02	5.58	10.6	<1	1.6	353	0.58	<0.05	10.5	0.281	1.07	2.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 16-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099758

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924198		78	1.1	14.7	50	25.8
Q924199		76	0.9	14.3	57	25.4
Q924200		75	1.4	13.0	57	25.7
Q924201		77	0.5	14.3	50	24.9
Q924202		74	0.4	13.6	49	25.9
Q924203		79	7.0	13.2	77	26.1
Q924204		78	1.9	14.3	54	26.9
Q924205		76	3.4	13.1	73	27.9
Q924206		2	0.1	0.7	17	0.5
Q924207		76	1.4	16.6	52	28.7
Q924208		79	2.0	12.3	64	30.3
Q924209		63	5.4	11.1	857	27.5
Q924210		74	3.0	11.7	117	27.7
Q924211		78	0.5	14.5	60	25.9
Q924212		76	0.5	14.8	63	26.4
Q924213		78	0.4	14.9	56	26.3
Q924214		77	0.4	15.2	60	25.8
Q924215		79	3.1	12.0	103	26.1
Q924216		77	0.5	12.4	58	24.4
Q924217		78	0.9	12.7	63	26.5
Q924218		83	0.9	14.9	62	28.1
Q924219		72	1.5	13.1	72	24.7
Q924220		70	1.5	12.6	69	25.6
Q924221		81	1.6	15.2	66	28.0
Q924222		77	1.5	13.9	71	27.4
Q924223		62	6.0	10.6	2410	27.5
Q924224		75	3.3	14.4	212	27.8
Q924225		75	1.3	12.0	86	26.1
Q924226		81	0.5	15.7	56	28.1
Q924227		80	2.6	13.0	75	28.1
Q924228		75	3.4	13.8	63	27.8
Q924229		71	6.6	14.1	90	28.1
Q924230		71	2.4	13.5	143	27.2
Q924231		2	0.1	0.8	18	<0.5
Q924232		74	1.3	13.6	56	26.3
Q924233		76	1.5	13.4	63	28.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 16-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099758

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21d	LOG-22
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14099759

Project: KLAZA

P.O. No.: BATCH 39

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-JUN-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-35a	Pulv 1 kg split to 95%<106 um
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
PUL-QC	Pulverizing QC Test
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

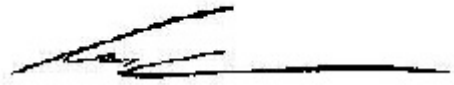
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099759

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q016773		0.19	>10.0	14.15	>100	4.27	160.5	370	0.43	2.01	2.08	816	17.50	61.6	46	1.36
Q016774		3.38	>10.0	51.5	>100	0.72	>10000	110	0.48	215	0.11	381	4.07	8.9	4	1.76
Q016775		4.13	0.228		2.16	7.58	1140	840	1.30	3.27	0.27	88.3	50.4	7.7	10	17.20
Q016776		5.70	>10.0	38.2	>100	2.68	>10000	440	0.64	324	0.25	269	11.35	13.7	13	6.46
Q016777		6.68	0.021		0.53	0.06	28.7	50	0.10	0.99	20.8	0.75	1.08	0.7	1	0.40
Q016778		4.03	0.130		2.18	8.59	1150	1760	1.85	1.14	1.33	39.3	73.3	3.4	18	12.75
Q016779		0.77	0.150		1.86	7.10	1015	530	1.53	0.51	1.56	14.05	48.3	9.0	11	16.70
Q016780		1.08	6.14		>100	1.56	8080	40	0.43	316	0.90	141.5	8.50	33.9	13	3.05
Q016781		3.14	0.093		4.96	6.70	191.0	890	1.78	1.84	2.92	13.25	54.3	13.8	11	19.55
Q016782		2.53	0.009		0.78	6.76	54.8	3000	1.41	0.35	3.98	1.16	67.1	8.5	12	15.35
Q016783		0.84	3.09		18.75	3.12	>10000	60	0.85	7.52	2.08	73.4	18.05	20.8	8	4.95
Q016784		1.90	0.104		2.93	7.03	250	1240	1.51	1.80	2.35	4.34	53.8	25.9	10	17.35
Q016785		1.47	3.29		23.3	7.58	9510	850	1.87	20.9	1.55	17.15	66.1	9.6	11	40.6
Q016786		3.62	0.030		0.34	7.68	142.5	1920	1.63	0.27	3.38	1.03	73.7	5.1	15	19.45
Q016787		3.92	>10.0	25.2	>100	1.63	>10000	60	0.51	145.0	1.03	125.5	11.25	9.4	14	5.45
Q016788		4.85	0.012		0.54	0.09	132.5	150	0.09	0.26	21.6	0.46	1.39	0.8	<1	0.24
Q016789		5.20	4.22		49.5	5.64	>10000	70	0.82	26.5	0.26	28.9	38.6	13.8	15	5.24
Q016790		4.87	0.017		1.84	7.56	211	870	1.75	0.85	1.21	5.18	49.8	8.3	10	17.30
Q016791		3.35	0.438		11.50	6.24	2870	270	1.38	0.65	2.18	111.5	39.5	6.9	10	10.55
Q016792		2.23	>10.0	18.55	>100	0.45	6200	10	0.15	236	0.51	141.5	3.21	104.5	9	0.38
Q016793		<0.02	>10.0	13.65	>100	0.43	5900	20	0.10	238	0.47	143.0	3.61	96.2	4	0.37
Q016794		1.41	1.480		35.5	5.11	1145	50	0.96	40.6	0.24	16.15	56.1	65.5	8	6.25
Q016795		0.82	6.22		>100	1.22	>10000	20	0.47	24.0	2.30	>1000	45.9	5.6	3	2.49
Q016796		0.69	0.170		31.6	8.58	696	610	2.02	0.60	2.89	23.8	71.6	11.8	9	20.7
Q016797		0.85	1.585		>100	4.35	>10000	90	1.07	9.08	0.42	422	42.0	5.6	7	5.61
Q016798		4.65	0.189		3.77	8.12	296	120	1.56	2.81	0.29	23.0	50.0	10.0	8	13.80
Q016799		0.19	4.37		>100	5.37	8290	70	1.29	59.0	1.89	227	31.0	9.9	15	11.35
Q016800		5.02	6.50		27.6	4.86	>10000	590	0.95	21.6	0.86	62.2	32.9	8.7	11	6.25
Q016801		6.51	0.093		3.47	6.64	150.0	980	2.13	0.54	3.79	6.61	60.4	9.6	18	24.6
Q016802		1.48	>10.0	19.10	>100	1.85	6600	110	0.86	60.4	2.07	197.0	21.4	13.9	9	7.67
Q016803		0.07	>10.0	18.75	>100	1.90	6500	120	0.92	59.5	2.09	195.0	22.4	14.4	10	7.97
Q016804		7.14	0.026		0.61	6.76	61.3	1180	1.51	0.31	3.39	1.03	66.1	5.3	10	3.14
Q016805		6.80	0.033		0.50	6.93	39.8	1300	1.34	0.20	2.51	0.90	64.6	5.3	11	2.82
Q016806		2.81	6.19		>100	4.24	3500	30	1.16	24.4	2.55	195.0	39.3	9.0	6	5.89
Q016807		2.13	0.081		2.63	8.61	120.0	270	2.34	0.71	5.47	3.03	69.1	19.2	67	25.0
Q016808		3.63	>10.0	32.2	>100	2.20	>10000	30	0.55	274	1.38	452	21.6	6.0	10	3.58

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099759

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q016773		>10000	9.30	15.80	0.14	0.6	3.14	0.83	8.8	6.5	0.82	1600	154.0	1.10	2.1	19.0
Q016774		7540	27.1	3.47	0.14	0.1	5.63	0.29	1.7	8.7	0.05	856	21.7	0.01	0.5	1.0
Q016775		585	4.49	18.00	0.13	1.1	0.290	2.49	26.9	79.9	0.31	4120	2.03	0.02	7.9	2.2
Q016776		3470	15.00	8.72	0.12	0.5	3.21	1.25	5.3	9.0	0.14	20200	13.50	0.01	2.5	2.1
Q016777		8.4	0.51	0.21	<0.05	0.9	0.013	0.03	0.5	1.4	12.85	226	0.23	0.01	0.2	1.9
Q016778		452	3.46	20.6	0.15	3.5	0.067	0.84	38.2	95.0	0.44	1280	6.35	0.02	13.3	3.5
Q016779		29.0	3.80	16.20	0.14	1.1	0.186	3.27	26.3	15.6	0.62	4070	1.52	0.03	7.7	3.0
Q016780		3820	13.80	4.13	0.12	0.3	3.18	0.69	4.2	14.7	0.31	1400	3.57	0.01	1.4	1.9
Q016781		40.5	3.65	16.15	0.14	1.1	0.179	2.71	29.6	53.4	1.05	2810	3.26	0.03	7.8	3.0
Q016782		26.1	2.64	16.25	0.23	2.4	0.033	1.29	36.2	127.0	1.29	929	1.69	0.03	10.8	5.2
Q016783		182.5	5.56	7.54	0.12	0.5	0.263	1.17	9.4	26.1	0.70	2560	28.1	0.02	3.2	4.4
Q016784		36.9	3.91	16.55	0.18	1.0	0.153	3.26	30.3	14.4	0.85	2310	2.94	0.05	7.5	4.0
Q016785		502	3.67	18.45	0.18	2.5	0.217	2.47	36.1	27.7	0.68	1180	6.75	0.05	11.7	5.1
Q016786		7.8	2.91	19.75	0.23	2.7	0.036	1.52	39.2	66.7	1.12	1210	0.77	0.03	13.3	3.3
Q016787		4680	12.85	5.59	0.14	0.3	1.070	0.70	6.0	14.0	0.38	869	29.7	0.01	1.7	3.3
Q016788		10.5	0.52	0.35	0.24	<0.1	0.009	0.03	0.7	1.3	13.15	218	0.15	<0.01	0.4	3.1
Q016789		4590	8.62	14.70	0.15	0.9	2.34	2.75	20.8	8.2	0.21	500	8.81	0.02	5.7	2.7
Q016790		34.3	4.00	17.05	0.17	1.2	0.149	3.61	27.4	27.4	0.76	3860	4.76	0.04	8.1	3.3
Q016791		88.2	6.08	14.60	0.13	0.9	0.686	2.94	22.0	9.9	0.94	4500	2.20	0.02	6.7	3.0
Q016792		9870	38.2	2.46	0.17	0.1	10.15	0.21	1.7	2.9	0.17	4190	3.59	0.01	0.4	2.6
Q016793		9620	37.5	2.28	0.16	0.1	9.71	0.20	1.9	2.4	0.16	3980	3.30	<0.01	0.4	1.2
Q016794		424	14.60	13.10	0.16	0.8	0.710	2.37	36.1	7.1	0.20	1860	5.14	0.02	5.6	2.5
Q016795		1610	17.25	6.15	0.15	0.4	9.04	0.49	31.2	8.7	0.83	19750	1.60	0.01	1.6	2.2
Q016796		82.4	3.78	21.6	0.17	2.4	0.147	1.55	36.5	45.2	0.95	2400	5.48	0.02	13.2	3.7
Q016797		1710	8.90	12.60	0.14	0.6	1.700	2.07	25.2	8.2	0.23	2110	1.41	0.02	4.9	2.4
Q016798		61.3	6.25	19.25	0.16	1.3	0.356	4.05	24.9	7.5	0.29	1580	0.52	0.03	8.9	3.7
Q016799		1350	7.98	13.15	0.14	1.1	4.39	2.33	16.4	33.6	0.62	3020	14.95	0.08	5.9	15.0
Q016800		2200	8.22	11.80	0.07	0.7	1.120	2.36	17.3	9.8	0.40	4630	5.44	0.02	4.6	3.6
Q016801		44.6	2.98	16.60	0.08	3.2	0.055	1.89	32.3	52.3	1.42	2270	3.06	0.03	9.4	7.9
Q016802		>10000	18.10	5.85	0.11	0.7	2.53	0.54	11.5	20.4	0.66	3360	37.4	0.02	2.4	11.3
Q016803		>10000	18.30	5.99	0.11	0.7	2.57	0.56	11.9	21.2	0.66	3290	37.6	0.02	2.5	11.9
Q016804		42.7	2.46	18.40	0.23	2.7	0.037	0.19	33.9	128.0	1.16	1070	1.52	0.02	12.4	3.7
Q016805		21.6	2.38	18.15	0.20	2.7	0.027	0.19	34.1	108.0	0.89	1040	2.80	0.02	12.0	3.6
Q016806		3030	7.01	11.25	0.14	1.3	1.590	0.92	20.2	38.6	0.91	12700	32.9	0.02	6.3	8.3
Q016807		82.9	5.17	21.0	0.17	3.9	0.077	1.18	35.4	224	1.95	2410	1.01	0.02	11.6	24.3
Q016808		>10000	11.95	7.76	0.14	0.5	9.71	0.97	12.1	15.0	0.43	4060	8.08	0.01	2.5	2.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099759

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q016773		560	>10000	26.1	0.074	>10.0	177.5	12.2	9	17.5	212	0.14	0.51	1.8	0.172	7.96
Q016774		230	>10000	15.9	<0.002	>10.0	1615	1.5	3	20.0	60.7	<0.05	5.11	0.9	0.020	0.54
Q016775		600	375	136.5	<0.002	1.48	41.3	12.9	1	3.8	113.5	0.59	<0.05	13.5	0.273	2.12
Q016776		170	>10000	68.8	<0.002	>10.0	729	4.7	2	12.2	36.4	0.20	1.44	3.3	0.095	1.32
Q016777		170	57.5	1.8	<0.002	0.02	1.32	0.2	<1	0.2	56.2	<0.05	<0.05	<0.2	<0.005	0.02
Q016778		1040	289	38.8	<0.002	0.15	85.3	7.8	1	1.9	540	0.85	<0.05	13.0	0.329	1.10
Q016779		540	524	183.5	<0.002	1.97	22.0	10.5	1	3.5	49.0	0.75	<0.05	15.6	0.232	3.25
Q016780		120	>10000	37.4	<0.002	>10.0	784	2.1	2	8.6	50.0	0.14	3.52	2.2	0.048	0.74
Q016781		580	661	167.0	<0.002	1.20	20.2	11.8	1	3.0	107.5	0.76	0.09	14.4	0.236	3.00
Q016782		810	83.2	59.3	<0.002	0.18	12.10	5.9	<1	5.2	271	0.73	<0.05	10.5	0.233	1.23
Q016783		260	1860	69.3	0.006	3.86	129.5	4.2	1	4.3	134.5	0.22	1.82	4.8	0.096	1.28
Q016784		580	291	192.0	<0.002	1.54	15.30	11.0	1	2.8	90.9	0.52	0.49	16.5	0.226	2.67
Q016785		870	1620	114.5	<0.002	1.86	142.5	7.6	<1	2.4	412	0.78	0.24	11.4	0.257	2.36
Q016786		950	52.6	56.9	<0.002	0.13	15.15	7.2	1	1.5	404	0.81	<0.05	12.4	0.273	1.25
Q016787		110	>10000	45.5	0.005	>10.0	1255	3.0	2	6.7	40.4	0.13	2.26	3.5	0.051	1.58
Q016788		190	69.6	1.5	<0.002	0.04	3.01	0.2	<1	0.2	59.3	<0.05	<0.05	0.7	<0.005	0.02
Q016789		440	2920	164.5	0.002	8.36	302	8.8	1	13.4	11.0	0.46	0.41	10.4	0.189	2.09
Q016790		600	523	197.5	<0.002	0.47	27.3	12.0	<1	2.6	89.8	0.65	<0.05	14.2	0.263	2.71
Q016791		490	2260	205	<0.002	4.54	41.0	9.6	<1	6.7	64.8	0.51	<0.05	11.4	0.202	2.75
Q016792		20	3060	12.4	0.002	>10.0	321	0.7	6	44.8	9.8	<0.05	7.71	0.7	0.012	0.24
Q016793		20	2900	11.5	0.002	>10.0	302	0.6	5	43.1	9.1	<0.05	6.90	0.7	0.011	0.21
Q016794		370	1280	137.0	0.004	>10.0	43.8	8.1	2	9.0	10.3	0.48	3.52	9.6	0.164	2.34
Q016795		160	>10000	28.7	<0.002	>10.0	716	1.8	2	19.8	66.9	0.11	1.32	2.2	0.044	0.84
Q016796		950	4290	53.5	<0.002	0.64	60.0	10.7	1	3.6	227	0.91	<0.05	15.1	0.316	1.56
Q016797		350	>10000	102.0	<0.002	>10.0	1255	7.0	1	11.6	29.9	0.42	0.95	7.6	0.157	2.24
Q016798		680	829	226	<0.002	5.65	16.10	14.3	<1	7.3	24.2	0.67	<0.05	12.6	0.290	2.88
Q016799		470	9760	135.0	<0.002	7.08	216	8.0	1	8.2	121.5	0.43	0.46	8.4	0.183	2.08
Q016800		390	1895	146.5	<0.002	7.47	310	8.1	1	13.4	26.2	0.37	1.21	7.1	0.173	1.78
Q016801		1100	274	112.0	<0.002	0.37	53.4	7.2	1	2.0	406	0.66	<0.05	8.4	0.309	2.52
Q016802		270	5340	29.4	<0.002	>10.0	1525	2.3	2	26.9	242	0.18	1.03	2.6	0.072	2.50
Q016803		260	5430	30.3	<0.002	>10.0	1525	2.4	2	26.5	243	0.18	0.99	2.6	0.072	2.53
Q016804		870	55.5	3.4	<0.002	0.20	12.60	6.5	1	1.6	745	0.82	<0.05	10.4	0.257	0.63
Q016805		870	44.3	4.5	<0.002	0.17	11.25	6.4	1	1.4	618	0.80	<0.05	10.5	0.249	0.44
Q016806		460	>10000	61.5	0.002	5.63	590	6.1	1	9.7	202	0.43	0.80	6.3	0.156	1.67
Q016807		2240	247	61.9	<0.002	0.28	44.5	22.5	1	2.4	646	0.70	<0.05	9.1	0.545	1.10
Q016808		150	>10000	60.5	<0.002	>10.0	1695	3.6	3	27.0	35.8	0.19	3.79	3.1	0.074	1.12

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099759

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q016773		2.1	119	8.4	12.9	>10000	10.8	127	2.82	2.39	15.40	
Q016774		10.1	9	1.0	7.1	>10000	2.9	181		2.11	1.910	15.15
Q016775		4.1	75	7.4	11.8	6880	29.6					
Q016776		9.2	33	5.2	6.2	>10000	12.2	333		3.06	1.965	3.36
Q016777		0.6	2	0.1	0.8	78	<0.5					
Q016778		17.3	61	5.3	18.9	2150	131.5					
Q016779		10.2	62	4.8	13.9	1160	24.2					
Q016780		2.8	15	1.9	3.1	>10000	7.7	369		3.86	1.340	
Q016781		5.1	66	4.5	15.7	891	27.9					
Q016782		7.8	46	2.5	14.2	224	84.7					
Q016783		11.3	31	3.5	7.3	5360	16.1					1.170
Q016784		5.9	67	5.0	14.4	481	24.3					
Q016785		7.0	56	3.0	13.3	2040	85.9					
Q016786		5.9	51	3.0	15.4	159	98.0					
Q016787		15.4	20	4.6	3.6	>10000	9.6	163		1.890	1.650	6.80
Q016788		2.4	2	0.1	0.9	67	0.6					
Q016789		9.4	58	12.4	8.2	3350	22.6					1.980
Q016790		13.0	77	3.7	17.1	674	31.5					
Q016791		4.3	57	6.8	8.1	7670	22.3					
Q016792		0.7	7	0.6	1.4	>10000	1.4	334			1.005	
Q016793		0.7	7	0.6	1.3	9900	1.3	331				
Q016794		3.9	49	4.5	8.4	1400	18.3					
Q016795		1.6	11	2.2	7.8	>10000	14.5	280		1.560	13.80	4.99
Q016796		12.2	76	7.7	17.4	2870	80.7					
Q016797		4.0	44	4.3	6.7	>10000	14.9	777		12.60	3.03	1.035
Q016798		2.5	87	6.8	9.1	1620	34.1					
Q016799		4.9	53	4.2	9.2	>10000	33.1	120			1.605	
Q016800		1.9	48	5.0	7.5	6580	18.0					2.87
Q016801		8.2	63	5.6	13.5	734	135.5					
Q016802		9.0	17	2.6	5.2	>10000	25.8	112	1.190		2.35	
Q016803		9.1	17	2.7	5.5	>10000	27.1	115	1.190		2.33	
Q016804		6.8	48	4.6	13.5	226	90.7					
Q016805		11.9	47	4.5	13.3	246	90.2					
Q016806		8.6	41	4.2	13.0	>10000	47.1	125		1.090	2.03	
Q016807		11.5	174	4.2	23.2	545	150.5					
Q016808		2.4	22	3.0	5.2	>10000	14.3	252	1.605	2.37	5.57	1.305

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14099759

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21
LOG-21d	LOG-23	SPL-21	SPL-21d
WEI-21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
PUL-35a	PUL-35ad	PUL-QC	Zn-OG62

ALS Canada Ltd.

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

CERTIFICATE WH14101242

Project: KLAZA

P.O. No.: BATCH 31

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

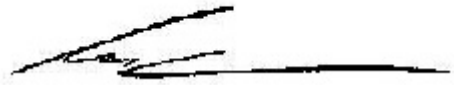
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101242

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924625		6.03	1.035	10.05	7.30	3570	500	1.63	3.94	2.17	11.90	50.7	10.0	12	15.45	91.7
Q924626		6.16	0.449	46.1	6.94	333	2660	1.98	1.28	3.33	6.82	64.4	7.3	15	24.1	119.5
Q924627		1.52	0.148	4.92	4.83	132.5	1520	1.36	1.55	7.16	7.61	50.3	3.9	10	6.91	35.1
Q924628		3.81	0.038	1.26	7.32	151.0	880	1.80	0.45	2.35	2.03	50.7	9.7	9	21.2	11.4
Q924629		0.84	2.74	7.04	5.65	899	1120	1.26	2.07	1.46	10.85	35.8	9.9	8	11.25	34.9
Q924630		2.52	0.005	0.23	7.80	32.7	620	1.60	0.30	1.92	0.19	51.3	8.5	9	28.6	17.8
Q924631		<0.02	0.006	0.23	7.71	35.7	600	1.58	0.26	1.93	0.18	50.1	7.8	9	28.0	17.6
Q924632		7.44	<0.005	0.07	7.54	13.4	2080	1.47	0.11	2.55	0.14	54.8	8.7	10	21.3	3.9
Q924633		11.21	<0.005	0.04	6.97	6.6	4080	1.44	0.10	3.07	0.08	50.5	7.9	9	17.20	3.1
Q924634		5.72	<0.005	0.10	6.79	20.4	3350	1.40	0.20	2.29	0.14	50.7	8.2	10	23.2	3.8
Q924635		2.63	<0.005	0.08	7.13	18.6	2800	1.31	0.14	2.21	0.16	49.4	8.1	8	22.0	7.3
Q924636		10.74	<0.005	0.13	7.09	14.7	1530	1.60	0.10	1.68	0.19	44.4	8.4	10	23.7	10.1
Q924637		6.13	<0.005	0.09	7.24	11.6	1350	1.50	0.24	1.52	0.13	51.0	7.6	12	18.65	5.6
Q924638		8.42	<0.005	0.13	7.88	19.2	3170	1.55	0.38	1.16	0.14	53.7	7.9	10	18.40	4.6
Q924639		5.51	<0.005	0.34	7.05	23.1	1450	1.58	0.58	2.40	0.17	51.1	9.0	9	18.55	4.7
Q924640		5.95	0.045	0.46	7.69	196.0	1400	1.43	0.80	1.43	1.16	53.7	10.1	12	16.30	23.1
Q924641		2.37	0.005	0.16	7.99	26.1	1430	1.32	0.22	3.09	1.01	43.4	13.4	23	8.19	25.1
Q924642		1.95	<0.005	0.12	7.75	10.5	460	1.18	0.20	2.93	0.76	31.0	11.5	52	18.15	14.3
Q924643		0.23	0.875	11.15	6.36	1555	540	1.18	11.15	1.83	32.1	44.6	17.1	18	13.90	280
Q924644		1.60	0.031	1.17	6.66	59.4	750	1.40	0.24	2.38	2.31	53.7	6.1	20	32.6	15.4
Q924645		4.09	0.027	0.81	6.87	66.5	1370	1.48	0.82	3.61	0.93	55.7	8.1	24	31.3	33.4
Q924646		2.83	1.525	8.61	7.04	7690	530	1.48	1.40	2.52	25.5	54.9	11.0	20	32.4	138.5
Q924647		2.25	0.018	0.38	7.53	95.4	170	1.04	0.21	2.96	1.06	40.9	13.9	24	14.25	41.4
Q924648		2.23	0.139	13.25	6.51	517	1210	1.00	8.77	2.97	23.0	48.1	10.1	14	10.20	404
Q924649		5.56	0.031	0.70	7.19	269	1310	1.11	3.16	2.53	0.98	43.0	11.1	17	12.30	159.0
Q924650		5.20	0.018	0.20	6.56	23.5	850	1.61	0.25	2.50	0.20	58.4	6.0	14	13.85	7.6
Q924651		0.25	0.332	4.18	6.22	678	350	1.20	3.04	1.89	10.40	46.0	11.2	24	13.65	290
Q924652		5.64	0.044	0.41	6.27	117.5	1470	1.61	0.18	2.04	0.22	53.3	5.8	14	15.60	9.5
Q924653		3.07	<0.005	0.10	6.95	43.8	1780	1.67	0.10	2.72	0.18	59.9	6.8	25	16.75	10.6
Q924654		6.17	0.068	0.26	6.61	72.1	970	1.64	0.33	2.82	0.09	57.1	6.1	14	16.95	8.0
Q924655		4.61	0.070	0.27	6.56	39.7	960	1.65	0.08	2.80	0.47	52.7	5.6	15	16.50	11.3
Q924656		3.23	0.029	0.26	6.51	52.6	1510	1.58	0.13	2.55	0.34	55.8	6.4	14	19.90	9.6
Q924657		3.26	<0.005	0.01	0.09	0.3	50	0.06	0.02	19.65	0.05	1.23	0.6	<1	0.25	1.7
Q924658		2.56	0.026	0.69	7.91	90.3	580	1.44	0.28	3.21	0.70	39.0	17.7	22	30.9	39.3
Q924659		2.97	0.178	0.71	6.39	111.5	1680	1.40	0.09	2.88	3.24	53.9	5.5	14	19.05	6.5
Q924660		2.85	<0.005	0.01	0.09	0.2	60	0.05	0.02	19.25	0.06	1.34	0.6	<1	0.51	4.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101242

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924625		4.21	16.75	0.16	1.3	0.210	2.72	27.9	47.2	0.85	10200	2.81	0.03	7.9	3.3	620
Q924626		3.27	18.15	0.17	3.3	0.110	2.59	34.6	31.0	1.30	4360	5.84	0.02	10.1	5.7	980
Q924627		3.65	11.20	0.13	1.8	0.079	0.58	27.6	63.8	2.62	2890	4.06	0.02	7.4	2.5	570
Q924628		4.11	17.10	0.15	1.2	0.147	3.18	27.1	24.4	0.88	3300	2.25	0.04	8.2	3.5	650
Q924629		5.42	13.55	0.14	0.9	0.195	2.52	18.9	19.5	0.46	3180	10.70	0.02	5.9	3.7	510
Q924630		3.07	17.95	0.16	1.4	0.056	2.77	26.5	46.0	0.76	1360	0.95	0.03	8.7	2.7	710
Q924631		3.06	17.50	0.14	1.3	0.050	2.74	26.1	46.2	0.75	1380	1.07	0.03	8.7	2.7	690
Q924632		3.16	16.90	0.17	1.4	0.041	2.82	29.8	53.3	0.93	1240	0.99	0.04	8.5	3.1	630
Q924633		3.04	15.60	0.15	1.1	0.039	2.40	27.5	28.5	0.83	920	0.69	0.37	7.9	2.5	590
Q924634		2.64	16.55	0.15	1.2	0.041	2.19	26.8	83.9	0.74	828	0.84	0.04	8.2	2.7	600
Q924635		2.61	15.85	0.15	1.1	0.034	2.13	26.9	91.0	0.76	795	0.69	0.06	7.7	2.6	610
Q924636		2.78	17.35	0.14	1.3	0.046	2.39	21.7	169.5	0.61	976	1.39	0.07	8.5	2.8	650
Q924637		2.96	17.30	0.15	1.2	0.042	2.39	26.4	61.4	0.63	970	1.23	0.06	8.4	2.9	650
Q924638		3.05	17.55	0.15	1.2	0.041	2.35	28.7	69.3	0.57	856	1.51	0.05	8.5	2.6	690
Q924639		3.07	15.25	0.15	1.0	0.037	2.43	28.3	69.4	0.87	1060	2.59	0.10	7.1	2.6	580
Q924640		3.56	17.90	0.15	1.3	0.100	2.56	28.4	49.0	0.61	960	1.71	0.07	8.5	3.4	670
Q924641		4.32	19.10	0.13	0.7	0.064	1.65	20.7	24.1	1.25	807	1.66	1.68	8.2	6.6	870
Q924642		4.09	15.40	0.05	0.5	0.052	1.38	14.7	34.2	1.30	728	0.58	0.72	6.7	10.9	780
Q924643		6.37	14.50	0.09	1.1	0.784	2.84	24.2	18.3	0.75	1810	8.67	0.13	6.2	10.7	530
Q924644		2.04	15.90	0.07	2.1	0.051	2.22	28.5	64.9	0.91	887	3.54	0.07	8.4	6.0	720
Q924645		2.65	16.00	0.08	1.4	0.054	2.33	29.8	33.4	1.12	1350	3.40	0.05	8.6	7.1	660
Q924646		4.09	18.30	0.08	1.3	0.217	2.27	28.7	40.9	0.95	1550	5.12	0.03	8.1	6.3	950
Q924647		4.40	17.90	0.06	0.5	0.078	0.75	19.6	70.1	1.33	1360	3.11	0.02	6.0	6.4	1230
Q924648		3.92	15.40	0.08	0.9	0.145	2.28	26.5	30.7	1.18	853	33.0	0.04	6.2	5.5	620
Q924649		3.94	16.85	0.06	0.7	0.066	1.47	21.9	40.8	1.11	1250	11.55	0.04	6.5	5.3	790
Q924650		2.20	16.95	0.09	1.5	0.026	2.38	31.5	67.4	0.88	600	1.37	0.05	8.4	5.3	710
Q924651		4.76	14.45	0.08	1.1	0.295	2.81	26.2	23.8	0.72	1780	13.70	0.14	5.8	12.9	490
Q924652		2.07	16.75	0.08	1.6	0.036	2.42	27.4	90.0	0.80	616	2.97	0.05	9.1	5.5	690
Q924653		2.78	18.50	0.07	4.2	0.033	2.04	30.4	86.4	0.95	597	2.04	0.04	12.5	7.7	1500
Q924654		2.19	17.15	0.09	1.6	0.022	2.76	29.5	57.3	0.90	618	2.79	0.06	9.6	5.7	710
Q924655		2.14	16.70	0.08	1.6	0.028	2.48	27.1	36.8	0.86	626	1.54	0.04	9.6	5.4	710
Q924656		2.35	15.60	0.09	1.3	0.028	2.35	30.4	48.9	0.93	667	1.63	0.04	7.8	4.9	680
Q924657		0.45	0.22	<0.05	<0.1	<0.005	0.03	0.6	1.3	12.30	194	0.09	<0.01	0.2	1.3	180
Q924658		5.22	19.55	0.07	0.5	0.077	1.58	18.3	269	1.43	1320	1.67	0.05	5.5	5.5	1220
Q924659		2.13	16.70	0.08	1.6	0.031	2.67	28.6	19.9	0.96	751	3.14	0.06	9.4	4.9	640
Q924660		0.46	0.26	<0.05	<0.1	<0.005	0.04	0.7	1.8	12.05	209	<0.05	0.01	0.2	1.2	160

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101242

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924625		890	163.0	<0.002	1.38	39.4	11.0	1	3.1	70.4	0.59	0.07	12.8	0.262	2.96	4.2
Q924626		658	159.5	0.002	0.36	79.4	6.9	1	1.6	543	0.68	<0.05	9.6	0.273	3.23	5.3
Q924627		361	34.4	<0.002	0.44	25.2	4.8	1	1.5	239	0.50	0.05	7.2	0.173	0.71	9.9
Q924628		98.8	175.0	<0.002	1.14	19.05	12.2	1	2.7	95.8	0.62	<0.05	12.1	0.273	2.74	4.6
Q924629		618	160.0	0.003	4.49	47.5	8.4	1	6.6	48.3	0.48	<0.05	8.5	0.218	2.12	5.2
Q924630		14.2	125.0	<0.002	0.36	15.35	12.4	1	3.7	95.0	0.71	<0.05	13.8	0.296	2.91	6.1
Q924631		16.2	124.5	<0.002	0.35	14.65	12.2	1	3.7	92.7	0.69	<0.05	13.3	0.295	2.88	5.9
Q924632		9.6	154.0	<0.002	0.20	15.80	11.9	1	1.9	97.3	0.73	<0.05	13.4	0.271	2.66	4.5
Q924633		9.8	128.5	<0.002	0.14	12.20	11.1	1	1.6	174.5	0.70	<0.05	13.0	0.254	1.56	3.8
Q924634		13.9	111.0	<0.002	0.27	31.7	11.4	1	1.7	132.5	0.66	<0.05	13.3	0.255	1.67	7.0
Q924635		15.6	103.5	<0.002	0.26	28.8	11.2	1	1.7	137.5	0.63	<0.05	12.6	0.257	1.74	5.5
Q924636		13.6	98.4	<0.002	0.16	28.1	11.9	1	1.9	130.0	0.69	<0.05	11.0	0.282	1.92	5.0
Q924637		12.1	106.0	<0.002	0.10	28.6	11.9	1	1.7	89.0	0.65	<0.05	13.2	0.273	1.43	3.2
Q924638		12.7	113.0	<0.002	0.17	32.0	12.3	1	1.7	80.6	0.63	<0.05	14.3	0.287	1.46	4.3
Q924639		100.0	118.5	<0.002	0.27	23.4	10.7	<1	1.6	105.0	0.51	<0.05	12.6	0.244	1.64	6.1
Q924640		22.9	116.5	<0.002	0.30	21.6	12.6	1	2.2	85.4	0.64	<0.05	13.0	0.287	1.43	4.8
Q924641		37.4	62.5	<0.002	0.04	7.06	16.1	1	2.0	442	0.54	<0.05	7.5	0.409	0.88	1.8
Q924642		21.0	45.4	<0.002	0.04	4.33	16.2	1	1.4	216	0.47	<0.05	5.8	0.394	0.88	1.6
Q924643		1275	161.0	<0.002	4.64	64.2	8.4	1	7.6	91.1	0.53	1.20	11.0	0.209	2.42	5.3
Q924644		163.5	99.5	<0.002	0.56	13.70	7.1	<1	3.1	234	0.61	<0.05	10.7	0.232	1.45	6.2
Q924645		77.2	122.0	<0.002	0.70	9.09	8.5	<1	5.1	237	0.67	<0.05	10.0	0.248	1.47	4.6
Q924646		1130	123.5	0.003	2.40	62.6	11.3	1	6.9	192.5	0.55	0.21	7.7	0.321	1.74	3.9
Q924647		33.3	22.8	<0.002	0.26	41.4	16.8	1	1.4	187.5	0.36	<0.05	4.7	0.432	0.63	1.5
Q924648		3560	112.5	0.009	1.91	117.5	8.7	1	4.5	233	0.52	1.33	10.0	0.222	1.71	2.5
Q924649		42.4	52.8	<0.002	1.08	72.6	12.5	1	2.3	184.0	0.50	0.34	8.7	0.307	1.07	1.8
Q924650		17.7	101.0	<0.002	0.15	13.55	5.7	<1	1.3	243	0.67	<0.05	10.5	0.186	1.54	2.8
Q924651		465	155.5	0.004	2.57	28.7	8.4	1	5.3	100.0	0.50	0.32	10.8	0.192	2.26	4.9
Q924652		30.2	93.6	<0.002	0.30	16.25	5.2	<1	1.4	181.0	0.69	<0.05	9.7	0.183	1.79	3.9
Q924653		19.4	65.1	<0.002	0.06	21.7	6.2	<1	1.2	292	0.77	<0.05	7.7	0.369	1.04	3.0
Q924654		20.8	109.5	<0.002	0.23	8.56	5.5	<1	1.3	294	0.74	<0.05	10.5	0.192	1.89	4.5
Q924655		39.3	90.1	<0.002	0.25	10.75	5.7	<1	1.3	480	0.73	<0.05	9.9	0.206	1.66	4.4
Q924656		17.2	115.5	<0.002	0.23	23.1	6.4	1	1.2	280	0.62	<0.05	9.8	0.213	1.51	3.1
Q924657		1.7	1.7	<0.002	<0.01	0.18	0.2	<1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q924658		37.1	63.3	<0.002	0.34	34.5	20.7	1	2.1	242	0.33	<0.05	3.1	0.511	1.24	1.8
Q924659		41.1	109.0	<0.002	0.47	10.55	5.2	<1	1.3	284	0.69	<0.05	10.2	0.185	1.87	4.7
Q924660		1.5	2.9	<0.002	0.01	0.10	0.1	<1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.02	0.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101242

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924625		73	8.5	13.6	1660	36.5
Q924626		58	3.6	14.2	681	133.5
Q924627		40	7.7	13.3	632	66.2
Q924628		85	4.0	14.5	254	33.6
Q924629		66	5.4	9.4	938	21.5
Q924630		85	7.0	15.1	69	34.1
Q924631		84	6.9	14.7	67	33.5
Q924632		78	2.2	15.0	64	33.1
Q924633		72	1.8	15.3	52	30.0
Q924634		73	3.3	15.4	59	30.7
Q924635		75	2.5	14.6	63	27.9
Q924636		82	3.0	14.1	64	30.6
Q924637		79	5.3	15.5	63	32.2
Q924638		82	5.7	15.0	60	31.0
Q924639		74	3.1	14.2	61	27.7
Q924640		83	4.8	16.0	140	32.4
Q924641		141	1.9	17.5	118	20.6
Q924642		137	1.4	13.3	249	14.4
Q924643		61	5.6	11.4	2310	28.6
Q924644		61	4.6	12.8	208	78.8
Q924645		69	2.0	14.3	153	43.7
Q924646		92	6.8	14.5	1920	41.2
Q924647		133	10.1	17.7	150	11.6
Q924648		78	11.0	12.8	1510	25.5
Q924649		106	11.8	14.3	113	18.5
Q924650		53	1.7	12.9	64	44.1
Q924651		61	5.3	11.6	801	29.4
Q924652		50	1.9	11.5	57	46.5
Q924653		66	2.5	13.1	92	171.5
Q924654		50	1.8	12.5	55	49.9
Q924655		53	1.5	12.3	77	49.1
Q924656		62	2.1	12.6	77	40.5
Q924657		2	0.1	0.8	16	<0.5
Q924658		180	5.5	19.2	138	11.1
Q924659		51	2.0	12.6	207	44.8
Q924660		2	0.1	0.8	15	<0.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101242

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

CERTIFICATE WH14101243

Project: KLAZA

P.O. No.: BATCH 32

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101243

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924234		7.60	0.012	0.28	7.56	54.4	2700	1.77	0.54	2.75	0.98	52.1	7.7	12	25.8	7.4
Q924235		2.88	0.388	1.81	2.84	1065	290	0.98	0.19	6.25	10.65	21.5	5.5	9	8.81	15.7
Q924236		3.56	0.018	1.29	7.11	238	510	1.47	0.32	2.45	4.64	42.1	7.9	12	17.65	43.3
Q924237		5.86	<0.005	0.14	7.24	13.7	1710	1.51	0.26	2.08	0.20	44.9	8.3	11	19.40	29.7
Q924238		3.61	0.024	1.22	6.21	225	1810	1.40	0.34	3.54	0.85	39.0	8.2	12	14.40	100.5
Q924239		9.10	<0.005	0.12	7.18	10.3	1950	1.55	0.26	2.33	0.12	42.8	7.3	12	16.45	17.6
Q924240		4.20	0.012	0.41	7.10	26.0	1220	1.53	0.23	2.80	0.36	43.7	8.5	13	16.20	48.0
Q924241		<0.02	0.013	0.44	7.43	27.5	1280	1.57	0.25	2.93	0.34	43.5	8.7	12	16.80	48.5
Q924242		3.88	<0.005	0.10	7.51	4.8	2050	1.70	0.32	2.76	0.17	44.4	8.8	13	15.20	13.6
Q924243		2.57	<0.005	1.46	7.49	46.8	1600	1.48	0.28	2.22	0.45	51.4	8.7	11	16.85	97.9
Q924244		3.69	<0.005	0.10	7.45	6.1	2030	1.79	0.26	2.60	0.13	45.3	9.1	14	12.80	10.2
Q924245		0.25	0.888	12.10	6.68	1585	1080	1.47	12.85	1.88	34.6	42.3	18.6	19	14.60	293
Q924246		4.38	<0.005	0.16	7.23	7.6	1790	1.68	0.24	2.80	0.30	50.5	8.6	10	14.10	7.7
Q924247		4.18	<0.005	0.13	7.60	7.6	2200	1.65	0.34	2.66	0.18	47.2	8.9	13	13.00	10.3
Q924248		10.47	<0.005	0.18	7.82	9.3	2190	1.58	0.40	2.33	0.25	58.7	8.7	14	14.65	10.3
Q924249		5.28	<0.005	0.18	7.73	8.7	2230	1.59	0.43	2.33	0.27	54.5	8.5	14	14.75	9.2
Q924250		9.59	<0.005	0.32	7.52	8.3	2240	1.72	0.38	2.72	0.24	48.0	8.5	16	17.70	36.2
Q924251		5.03	0.010	2.01	6.99	140.0	1160	1.51	0.26	2.22	1.83	39.2	7.5	12	16.35	63.4
Q924252		0.24	0.802	11.25	6.55	1530	1020	1.43	12.00	1.84	33.6	41.1	17.9	18	14.10	292
Q924253		3.08	0.076	2.95	6.80	1920	710	1.48	0.58	2.54	7.80	42.9	11.1	9	18.85	37.1
Q924254		3.28	<0.005	0.01	0.07	3.0	50	0.06	0.04	20.1	0.07	1.05	0.8	<1	0.17	2.2
Q924255		11.26	<0.005	0.11	7.09	19.4	980	1.57	0.24	2.41	0.33	42.6	6.8	10	16.75	4.6
Q924256		8.00	0.008	0.92	6.83	61.0	3140	1.63	0.34	2.37	1.74	44.3	9.0	10	19.35	17.6
Q924257		10.32	<0.005	0.19	7.54	19.7	2020	1.84	0.28	3.46	0.34	46.3	9.9	18	20.0	10.7
Q924258		5.06	<0.005	0.12	7.24	9.4	2280	1.62	0.30	3.45	0.13	42.4	8.4	13	18.25	9.1
Q924259		7.38	<0.005	0.14	7.26	24.5	1150	1.77	0.25	2.85	0.15	48.2	8.9	11	25.1	9.2
Q924260		10.08	<0.005	0.15	7.47	7.8	1750	1.53	0.24	2.17	0.38	44.1	8.2	12	19.25	11.3
Q924261		3.76	0.070	0.63	6.87	635	1260	1.61	0.69	3.23	1.91	48.5	10.3	11	20.8	8.6
Q924262		8.67	<0.005	0.14	7.38	7.2	2090	1.62	0.25	2.86	0.16	41.5	8.6	12	14.15	11.7
Q924263		6.65	<0.005	0.28	7.07	24.8	1970	1.49	0.23	2.54	1.83	42.7	8.8	10	15.00	11.8
Q924264		5.79	0.485	7.96	6.43	399	630	1.33	1.42	1.24	29.8	37.1	7.4	10	15.20	55.4
Q924265		2.44	<0.005	0.02	0.07	0.5	30	0.05	0.03	20.3	0.12	1.07	0.8	<1	0.17	7.0
Q924266		3.58	<0.005	2.18	7.11	77.7	620	1.54	0.36	1.45	12.50	47.0	7.6	10	19.80	24.4
Q924267		7.29	<0.005	0.14	6.25	9.4	2070	1.12	0.21	4.30	0.19	45.4	6.9	10	11.05	11.1
Q924268		4.03	<0.005	0.16	7.24	6.5	2150	1.58	0.31	2.64	0.17	47.7	8.3	14	10.20	7.3
Q924269		1.37	0.012	1.02	7.09	843	1070	1.52	0.41	1.69	4.08	48.7	8.8	12	25.8	19.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101243

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924234		3.41	18.40	0.21	1.2	0.085	2.73	25.8	51.0	0.89	2550	0.62	0.29	8.3	2.9	660
Q924235		4.61	6.26	0.08	0.4	0.059	1.11	10.9	34.2	2.15	19700	1.75	0.02	2.7	2.4	220
Q924236		3.45	15.85	0.13	1.1	0.103	3.20	22.9	60.2	0.97	3810	2.33	0.03	7.5	3.3	590
Q924237		3.12	16.70	0.14	1.2	0.056	3.19	22.8	42.6	0.77	1260	0.68	0.15	7.9	2.9	620
Q924238		3.51	13.95	0.13	1.0	0.102	3.17	21.4	20.7	1.13	3670	1.14	0.04	6.4	3.1	490
Q924239		2.79	16.45	0.12	1.5	0.038	2.91	21.7	30.7	0.74	849	1.22	1.41	8.4	2.7	580
Q924240		3.31	15.90	0.13	1.2	0.167	3.22	23.5	26.0	1.05	2510	0.87	0.09	7.3	3.0	560
Q924241		3.48	15.95	0.12	1.2	0.184	3.42	23.7	26.8	1.09	2610	0.94	0.09	7.5	3.0	590
Q924242		3.52	17.20	0.14	1.3	0.061	3.08	22.1	22.4	0.86	1180	33.7	1.57	8.4	3.2	670
Q924243		3.80	16.80	0.14	1.2	0.115	3.44	27.8	30.5	0.92	2360	1.24	0.16	7.9	3.0	620
Q924244		3.40	17.05	0.13	1.3	0.052	2.77	23.4	14.5	0.85	772	1.13	1.80	8.5	3.6	640
Q924245		6.58	16.15	0.11	1.1	0.847	2.97	22.1	21.1	0.81	1840	8.98	0.13	6.6	12.9	540
Q924246		3.03	16.30	0.14	1.2	0.051	2.90	27.1	25.9	0.97	1360	0.56	0.75	8.1	2.7	580
Q924247		3.16	17.50	0.15	1.3	0.039	2.85	24.2	18.3	0.87	773	1.23	2.06	8.4	3.4	630
Q924248		3.18	17.50	0.14	1.3	0.040	2.95	31.9	22.6	0.79	926	0.94	1.66	8.5	3.1	640
Q924249		3.17	17.50	0.14	1.4	0.039	2.92	28.9	22.5	0.77	898	0.83	1.71	8.6	3.0	630
Q924250		3.25	16.90	0.12	1.3	0.056	3.09	24.9	14.2	0.80	1100	1.87	1.96	8.4	3.2	620
Q924251		3.04	15.75	0.10	1.4	0.076	3.59	21.1	19.9	0.81	5630	0.87	0.08	7.6	2.6	520
Q924252		6.41	15.80	0.11	1.1	0.824	2.89	21.4	20.4	0.78	1850	9.15	0.13	6.4	12.3	520
Q924253		4.14	14.80	0.12	1.2	0.111	3.09	23.7	15.9	0.80	4020	2.32	0.03	7.2	3.1	520
Q924254		0.48	0.26	0.13	<0.1	<0.005	0.03	0.5	1.1	13.10	234	0.12	<0.01	0.1	1.5	150
Q924255		3.08	14.95	0.16	1.1	0.058	3.42	23.4	18.1	0.99	1930	1.11	0.03	7.2	2.5	530
Q924256		3.72	15.70	0.13	1.1	0.079	2.86	24.0	30.8	0.93	4060	1.33	0.02	7.3	3.0	540
Q924257		3.37	17.85	0.16	1.3	0.055	2.82	23.1	17.1	0.93	1050	1.02	1.92	8.9	4.7	680
Q924258		3.12	16.70	0.14	1.1	0.037	2.69	22.0	21.3	0.83	889	1.02	1.77	8.1	3.4	600
Q924259		2.98	16.60	0.15	1.1	0.045	2.81	25.8	69.9	0.90	1260	0.91	0.40	7.8	3.0	620
Q924260		3.12	16.80	0.15	1.3	0.043	2.84	22.4	29.6	0.67	808	1.26	1.10	8.4	3.1	620
Q924261		3.63	15.60	0.13	1.1	0.083	3.41	26.5	7.8	1.05	3260	3.89	0.05	7.6	3.5	570
Q924262		3.23	17.00	0.14	1.1	0.044	2.86	20.4	19.6	0.87	934	1.03	1.63	8.3	2.9	650
Q924263		3.09	16.65	0.15	1.1	0.089	3.04	21.9	42.1	0.82	1300	0.88	0.14	7.9	3.2	600
Q924264		5.78	16.55	0.11	0.9	0.307	3.03	20.2	16.6	0.76	9270	6.54	0.03	6.5	2.9	490
Q924265		0.47	0.28	0.15	<0.1	<0.005	0.03	0.5	1.2	13.00	229	0.09	0.01	0.2	1.6	180
Q924266		4.91	15.90	0.17	1.0	0.187	3.30	25.4	28.1	0.88	3870	1.03	0.04	7.3	2.7	560
Q924267		2.35	13.15	0.17	0.9	0.030	2.25	25.8	46.0	0.67	866	0.99	0.38	6.3	2.5	500
Q924268		3.04	16.70	0.18	1.2	0.036	2.53	24.6	26.2	0.85	730	0.98	2.23	8.2	3.1	600
Q924269		3.35	16.55	0.13	1.4	0.143	2.91	26.1	44.2	0.64	1600	1.52	0.36	8.2	3.0	600

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101243

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924234		52.9	107.0	<0.002	0.33	13.55	11.1	1	3.0	146.0	0.68	<0.05	11.7	0.298	1.97	4.5
Q924235		274	84.3	<0.002	1.19	62.3	4.9	1	1.5	124.0	0.22	<0.05	5.7	0.099	1.21	11.9
Q924236		144.0	173.5	<0.002	0.48	25.7	11.5	1	2.1	89.2	0.63	<0.05	12.6	0.255	2.95	6.2
Q924237		19.8	131.5	<0.002	0.11	16.65	12.1	<1	1.6	111.0	0.67	<0.05	13.3	0.267	2.05	5.9
Q924238		61.0	203	<0.002	0.86	33.4	9.6	1	2.6	96.5	0.54	<0.05	11.6	0.223	2.69	10.5
Q924239		20.2	111.5	<0.002	0.03	5.87	11.0	1	1.7	266	0.82	<0.05	15.4	0.256	1.51	4.6
Q924240		29.5	168.5	<0.002	0.34	16.75	11.1	1	2.4	94.4	0.58	<0.05	12.5	0.247	2.24	6.3
Q924241		30.6	173.5	<0.002	0.34	18.10	11.4	1	2.5	98.2	0.62	<0.05	12.8	0.260	2.28	6.3
Q924242		26.5	115.0	0.013	0.04	4.41	12.7	1	1.6	311	0.68	<0.05	12.8	0.288	1.64	3.5
Q924243		32.4	175.5	<0.002	0.43	32.7	12.6	1	2.3	108.5	0.63	<0.05	14.3	0.274	2.52	4.5
Q924244		66.0	105.0	<0.002	0.02	3.28	13.1	1	1.6	318	0.71	<0.05	13.8	0.285	1.20	2.9
Q924245		1330	158.5	0.002	4.87	65.5	9.8	2	8.0	101.0	0.56	1.28	11.7	0.208	2.73	5.4
Q924246		22.3	148.5	<0.002	0.11	9.69	11.8	1	1.7	154.5	0.69	<0.05	14.7	0.262	1.85	3.4
Q924247		25.5	104.5	<0.002	0.01	3.51	12.2	1	1.7	373	0.70	<0.05	14.4	0.282	1.24	2.6
Q924248		29.4	114.5	<0.002	0.02	8.38	12.6	1	1.6	305	0.72	<0.05	16.1	0.282	1.34	3.7
Q924249		30.7	109.5	<0.002	0.02	8.17	12.3	<1	1.8	308	0.74	<0.05	15.3	0.278	1.32	3.7
Q924250		31.2	123.0	<0.002	0.07	11.05	11.9	1	1.7	340	0.73	<0.05	14.2	0.274	1.64	4.0
Q924251		226	198.5	<0.002	0.69	66.1	9.9	<1	1.9	67.0	0.75	<0.05	14.3	0.233	2.67	5.2
Q924252		1290	154.5	<0.002	4.75	62.9	9.6	1	7.8	98.0	0.52	1.03	11.1	0.211	2.66	5.5
Q924253		403	175.5	<0.002	2.48	48.9	10.1	1	4.4	55.3	0.66	<0.05	13.1	0.233	2.27	7.2
Q924254		2.3	1.1	<0.002	0.01	0.15	0.2	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q924255		19.4	187.0	<0.002	0.20	15.20	10.1	1	1.8	74.1	0.66	<0.05	13.5	0.236	2.63	4.4
Q924256		91.6	155.5	<0.002	0.81	29.3	11.3	1	2.0	85.7	0.60	<0.05	12.4	0.251	2.63	10.7
Q924257		31.2	120.0	<0.002	0.10	5.79	13.5	1	2.0	375	0.71	<0.05	13.7	0.296	1.54	5.2
Q924258		20.4	102.5	<0.002	0.07	5.08	12.0	1	1.6	370	0.64	<0.05	12.6	0.268	1.25	4.3
Q924259		17.6	129.5	<0.002	0.19	13.45	11.8	<1	1.7	155.5	0.66	<0.05	12.5	0.265	2.25	4.7
Q924260		27.4	111.5	<0.002	0.02	12.65	11.9	<1	1.7	216	0.77	<0.05	14.5	0.274	1.37	3.0
Q924261		77.2	197.0	0.002	1.06	17.45	11.2	1	1.5	61.1	0.67	<0.05	13.6	0.249	2.55	9.3
Q924262		23.9	104.0	<0.002	0.02	6.24	11.9	1	1.5	306	0.69	<0.05	12.8	0.281	1.43	3.3
Q924263		92.6	128.5	<0.002	0.12	17.40	11.9	1	2.3	114.5	0.65	<0.05	13.1	0.272	1.93	4.2
Q924264		2530	175.5	0.003	2.15	40.9	10.2	<1	6.3	31.6	0.53	<0.05	11.1	0.223	2.54	6.5
Q924265		8.9	1.2	<0.002	<0.01	0.17	0.2	<1	<0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q924266		667	179.5	<0.002	0.53	17.90	11.6	<1	4.1	43.3	0.59	<0.05	12.6	0.247	2.63	3.6
Q924267		19.6	90.3	<0.002	0.04	35.0	9.4	1	1.9	197.5	0.52	<0.05	11.4	0.225	1.07	5.1
Q924268		25.3	95.1	<0.002	0.01	2.36	11.6	1	1.6	402	0.67	<0.05	13.8	0.267	1.01	4.2
Q924269		166.0	141.5	<0.002	0.58	17.45	11.6	1	4.4	135.0	0.72	<0.05	14.1	0.255	2.30	5.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101243

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924234		83	3.9	14.5	214	28.4
Q924235		39	3.0	11.8	888	10.8
Q924236		73	3.4	14.7	415	26.7
Q924237		77	2.8	15.7	75	29.4
Q924238		61	3.4	13.6	171	24.6
Q924239		72	2.2	16.0	58	35.1
Q924240		71	3.5	15.7	117	29.0
Q924241		75	3.7	16.1	124	29.2
Q924242		82	1.3	16.4	80	32.5
Q924243		81	2.7	16.8	106	29.7
Q924244		83	1.1	16.7	64	33.3
Q924245		64	6.2	12.4	2440	29.6
Q924246		71	1.7	16.0	85	31.6
Q924247		77	1.3	18.1	68	33.9
Q924248		79	2.3	19.3	80	33.2
Q924249		78	2.3	19.0	80	33.4
Q924250		76	2.2	18.0	81	30.6
Q924251		63	3.0	13.7	365	31.0
Q924252		62	6.0	11.9	2400	28.8
Q924253		61	2.7	12.7	1160	28.0
Q924254		2	0.1	0.7	21	<0.5
Q924255		63	2.8	13.2	74	27.9
Q924256		73	3.9	14.0	204	24.4
Q924257		85	3.2	19.4	84	30.3
Q924258		75	2.0	17.4	60	25.9
Q924259		75	3.1	16.2	71	23.9
Q924260		77	3.8	16.5	81	29.5
Q924261		71	3.3	18.0	175	25.4
Q924262		80	2.2	16.6	68	24.9
Q924263		76	4.7	15.5	174	25.7
Q924264		66	6.2	11.2	2980	21.3
Q924265		2	0.1	0.8	20	<0.5
Q924266		73	4.7	13.2	1240	23.5
Q924267		62	10.0	16.3	61	21.0
Q924268		74	1.7	17.1	71	28.6
Q924269		73	3.7	16.4	402	30.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101243

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

CERTIFICATE WH14101244

Project: KLAZA

P.O. No.: BATCH 33

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101244

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924661		4.74	0.049	1.63	6.84	36.6	1130	1.42	0.05	2.88	1.25	60.2	5.6	16	20.9	7.7
Q924662		4.22	0.126	2.52	6.43	68.3	1240	1.46	0.05	2.41	0.33	50.6	5.6	15	19.00	8.1
Q924663		3.48	0.076	0.76	6.65	56.1	1400	1.62	0.04	2.55	0.17	50.5	5.9	19	20.0	5.8
Q924664		1.52	<0.005	0.11	6.85	11.8	770	1.51	0.17	2.33	0.14	55.2	6.4	13	18.05	8.7
Q924665		2.99	<0.005	0.01	0.07	<0.2	40	0.06	0.02	19.35	0.06	1.13	0.6	<1	0.33	1.0
Q924666		4.27	0.042	0.16	6.32	27.0	1020	1.51	0.03	2.60	0.08	51.7	5.4	15	17.80	3.0
Q924667		2.46	0.009	0.07	6.58	10.3	1460	1.71	0.04	2.66	0.05	56.2	5.4	19	18.70	3.6
Q924668		6.72	0.086	0.21	6.68	51.9	1550	1.53	0.04	2.97	0.17	55.8	6.2	21	15.75	3.1
Q924669		5.98	0.026	0.14	6.34	24.6	1290	1.62	0.03	2.32	0.07	50.0	5.7	17	13.65	3.1
Q924670		<0.02	0.024	0.15	6.67	24.5	1320	1.73	0.03	2.43	0.06	56.0	5.8	18	14.30	3.3
Q924671		6.01	0.034	0.34	6.48	22.4	1690	1.79	0.05	2.51	0.17	52.4	5.2	15	15.85	4.5
Q924672		6.36	0.112	0.48	6.55	60.9	1060	1.70	0.14	2.46	0.25	56.1	5.3	14	19.60	8.1
Q924673		4.69	<0.005	0.07	6.49	17.2	910	1.80	0.12	2.71	0.06	51.5	5.5	11	19.10	7.3
Q924674		6.61	0.079	0.18	6.45	36.7	1560	1.87	0.19	2.63	0.12	50.7	6.2	14	20.7	11.6
Q924675		4.72	0.043	1.83	7.37	70.3	1640	1.50	1.17	4.48	3.16	36.9	17.8	19	18.15	90.0
Q924676		0.25	0.859	12.10	6.00	1450	150	1.51	11.60	1.81	33.0	43.8	17.2	18	13.70	276
Q924677		4.07	0.005	0.21	6.54	14.9	1210	1.84	0.15	2.57	0.29	55.6	6.5	17	17.15	9.4
Q924678		2.77	<0.005	0.34	6.87	7.3	1710	1.67	0.13	2.38	0.34	57.3	4.9	14	15.65	10.9
Q924679		4.15	<0.005	0.23	6.47	8.0	1280	1.90	0.12	2.40	0.30	51.4	5.5	13	16.10	5.5
Q924680		6.39	<0.005	0.14	6.72	6.5	2770	1.84	0.07	2.38	0.18	50.1	5.4	13	16.20	2.6
Q924681		5.47	<0.005	0.30	6.67	6.2	1500	1.95	0.08	2.56	0.38	45.9	5.0	13	16.15	3.1
Q924682		2.39	<0.005	0.22	6.75	6.3	1310	1.92	0.07	2.50	0.37	49.5	5.0	12	16.45	2.8
Q924683		6.04	<0.005	0.17	6.86	6.5	1170	1.88	0.09	2.29	0.31	51.5	5.2	12	16.35	3.1
Q924684		4.46	<0.005	0.30	6.97	9.4	1570	1.80	0.13	2.53	0.35	58.9	6.4	18	18.15	6.7
Q924685		2.04	0.309	11.80	6.61	293	210	1.31	3.76	1.62	71.1	41.2	18.1	20	16.10	132.5
Q924686		1.52	0.009	0.90	8.47	100.5	1620	1.65	0.61	3.57	2.68	37.8	22.0	13	38.8	51.3
Q924687		2.58	<0.005	0.02	0.09	<0.2	30	0.08	0.02	20.8	0.09	1.40	0.6	1	0.21	3.1
Q924688		4.35	<0.005	0.23	8.66	13.4	1130	0.96	0.17	6.55	0.91	29.5	23.6	28	11.15	39.6
Q924689		6.71	<0.005	0.20	8.15	12.6	1000	0.96	0.28	5.65	0.38	25.8	21.7	27	5.14	34.3
Q924690		5.13	<0.005	0.17	8.44	6.0	980	0.96	0.03	6.15	0.23	30.5	23.2	26	5.23	49.4
Q924691		2.15	0.021	0.49	8.21	94.0	940	1.02	0.23	6.04	4.18	30.5	23.6	23	10.20	93.6
Q924692		0.27	0.344	4.54	6.33	690	440	1.36	3.20	2.04	11.30	45.1	12.2	25	13.65	307
Q924693		4.98	0.006	0.24	8.06	16.6	1030	0.97	0.04	5.96	0.33	33.5	23.6	18	8.72	68.3
Q924694		2.80	0.015	0.93	7.56	168.5	900	1.26	0.20	4.91	1.37	36.1	20.1	16	24.0	53.6
Q924695		4.24	0.008	0.44	8.13	29.7	1790	1.06	0.17	3.52	0.96	35.3	23.1	17	11.40	59.0
Q924696		3.92	0.094	3.76	6.10	762	1670	1.24	0.51	4.94	22.9	31.0	19.1	12	24.9	58.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101244

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924661		2.12	17.40	0.11	1.7	0.028	2.70	32.3	38.0	0.95	767	1.26	0.05	9.6	5.7	680
Q924662		2.02	16.25	0.08	1.6	0.025	2.53	25.9	73.2	0.78	848	1.36	0.05	9.2	5.3	680
Q924663		2.15	17.70	0.07	1.7	0.031	2.54	25.0	55.8	0.81	731	0.56	0.31	10.0	6.2	740
Q924664		2.29	17.55	0.08	3.4	0.032	1.90	29.3	86.0	0.83	580	0.47	0.04	10.4	5.0	830
Q924665		0.45	0.20	<0.05	<0.1	<0.005	0.03	0.6	1.4	12.10	194	0.08	<0.01	0.2	1.2	170
Q924666		2.04	16.95	0.09	1.6	0.026	2.37	26.3	33.3	0.83	619	0.45	0.05	9.7	5.5	700
Q924667		2.20	17.20	0.09	1.9	0.027	2.57	29.3	49.5	0.85	528	0.34	1.12	9.7	8.1	750
Q924668		2.11	16.75	0.09	1.8	0.030	2.37	29.5	46.7	0.97	776	0.46	0.34	9.7	8.2	750
Q924669		2.08	17.05	0.10	1.7	0.022	2.54	25.1	70.1	0.78	639	0.58	0.51	10.2	6.2	710
Q924670		2.15	17.55	0.09	1.7	0.027	2.62	28.5	74.2	0.83	655	0.59	0.52	10.3	6.2	750
Q924671		2.07	16.65	0.10	1.7	0.027	2.86	26.6	87.4	0.83	620	0.85	0.65	10.1	5.4	680
Q924672		2.00	16.50	0.10	1.8	0.027	2.84	29.2	44.8	0.81	643	5.10	0.12	9.4	5.0	700
Q924673		2.19	17.50	0.08	3.3	0.023	2.52	26.8	37.2	0.90	479	0.54	0.77	10.0	4.2	750
Q924674		2.19	18.00	0.14	3.0	0.035	2.68	27.8	31.8	0.92	553	1.73	0.65	9.8	5.6	720
Q924675		4.92	20.2	0.12	0.6	0.154	1.06	18.5	52.9	1.45	1590	2.76	1.01	5.0	6.9	1080
Q924676		5.98	15.60	0.14	1.1	0.790	2.67	24.3	20.5	0.73	1800	9.41	0.12	6.4	12.3	520
Q924677		2.24	18.30	0.16	2.3	0.033	2.52	30.0	58.9	0.89	708	1.28	0.42	10.2	6.9	750
Q924678		2.00	17.60	0.14	1.8	0.023	2.38	32.6	93.0	0.88	602	1.29	0.05	9.5	4.8	670
Q924679		1.98	17.80	0.13	1.6	0.025	2.29	27.8	110.5	0.81	543	1.18	0.64	9.9	4.9	650
Q924680		2.07	18.30	0.14	1.7	0.024	2.43	26.7	118.5	0.81	615	0.86	0.28	9.9	4.7	670
Q924681		2.12	18.40	0.12	1.7	0.026	2.62	24.2	94.1	0.84	616	0.93	0.81	10.1	4.4	650
Q924682		2.13	18.75	0.13	1.6	0.024	2.58	26.5	92.0	0.85	592	0.99	0.92	10.1	4.6	650
Q924683		2.14	18.35	0.12	1.7	0.026	2.39	28.0	129.5	0.82	604	1.15	0.62	9.9	4.8	660
Q924684		2.30	18.40	0.14	2.4	0.026	2.27	32.6	132.5	0.91	830	1.60	0.23	10.3	7.1	760
Q924685		6.82	18.45	0.14	1.6	0.284	2.61	22.8	39.3	0.80	2910	3.43	0.05	5.2	8.6	1000
Q924686		6.02	21.7	0.13	0.6	0.103	1.43	19.9	40.3	2.03	3330	2.09	0.04	2.9	7.6	1320
Q924687		0.45	0.28	0.14	<0.1	0.005	0.03	0.7	1.6	12.80	214	0.17	0.01	0.2	1.5	220
Q924688		5.96	22.5	0.10	0.6	0.087	0.83	14.2	15.3	2.59	1480	1.21	2.50	3.5	7.5	1290
Q924689		5.79	22.3	0.08	0.6	0.077	0.88	12.7	19.2	2.74	1510	1.55	2.39	3.6	6.8	1220
Q924690		5.90	22.4	0.11	0.6	0.074	0.82	14.7	15.7	2.74	1320	1.63	2.45	4.1	7.5	1380
Q924691		5.81	21.8	0.10	0.6	0.107	0.84	15.0	16.7	2.56	1520	2.11	2.39	4.1	9.0	1330
Q924692		4.86	16.20	0.11	1.1	0.308	2.86	26.4	25.3	0.76	1930	14.95	0.16	6.3	15.1	500
Q924693		5.88	21.5	0.11	0.6	0.066	0.90	16.6	13.7	2.44	1420	2.24	2.27	3.7	9.6	1210
Q924694		5.29	18.95	0.11	0.6	0.075	1.36	19.4	115.0	2.02	2890	1.70	0.09	3.8	8.8	1050
Q924695		5.63	21.0	0.09	0.6	0.102	0.35	17.6	44.3	1.38	1600	2.51	0.02	4.2	8.2	1200
Q924696		5.11	16.65	0.10	0.4	0.489	2.19	16.6	54.3	2.16	4810	2.01	0.04	3.4	7.6	800

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101244

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924661		49.4	121.5	<0.002	0.27	11.80	5.6	1	1.8	314	0.75	<0.05	11.3	0.200	1.85	6.1
Q924662		60.2	86.5	<0.002	0.38	13.65	5.1	<1	1.3	348	0.71	<0.05	10.0	0.209	1.62	5.8
Q924663		23.5	86.2	<0.002	0.23	12.85	6.1	<1	1.4	351	0.74	<0.05	9.7	0.220	1.46	3.7
Q924664		21.9	80.7	<0.002	0.03	21.7	6.3	<1	1.3	460	0.70	<0.05	11.1	0.262	1.10	6.5
Q924665		1.4	1.6	<0.002	0.01	0.07	0.1	<1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q924666		18.9	80.5	<0.002	0.15	12.55	5.2	<1	1.2	313	0.74	<0.05	10.2	0.202	1.32	3.6
Q924667		18.4	99.5	<0.002	0.06	6.58	5.9	<1	1.1	481	0.75	<0.05	10.4	0.211	1.32	3.8
Q924668		21.3	93.6	<0.002	0.32	11.65	6.1	<1	1.1	383	0.73	<0.05	10.5	0.223	1.32	4.9
Q924669		18.4	80.4	<0.002	0.18	10.00	5.8	<1	1.2	329	0.77	<0.05	9.8	0.221	1.34	5.2
Q924670		17.9	86.6	<0.002	0.18	10.30	6.0	<1	1.2	339	0.78	<0.05	10.4	0.223	1.34	5.2
Q924671		24.4	102.0	<0.002	0.15	7.29	5.5	<1	1.3	393	0.74	<0.05	10.1	0.206	1.68	4.6
Q924672		33.7	111.0	<0.002	0.27	10.20	5.4	1	1.3	269	0.71	<0.05	10.4	0.195	1.87	7.5
Q924673		15.6	87.6	<0.002	0.01	11.55	5.8	<1	1.3	349	0.73	<0.05	10.5	0.244	1.23	3.2
Q924674		24.7	101.5	<0.002	0.10	13.00	6.1	1	1.5	334	0.78	<0.05	10.4	0.225	1.52	4.3
Q924675		182.5	27.7	<0.002	0.33	18.15	18.5	1	1.8	521	0.31	<0.05	3.3	0.410	0.66	1.7
Q924676		1190	154.5	<0.002	4.28	64.9	9.3	2	7.8	92.0	0.55	1.40	11.4	0.190	2.51	5.4
Q924677		33.2	97.5	<0.002	0.07	11.60	6.5	1	1.5	311	0.80	<0.05	10.2	0.215	1.63	4.7
Q924678		21.8	94.8	<0.002	0.06	19.95	5.5	1	1.3	169.0	0.79	<0.05	11.2	0.187	1.27	2.8
Q924679		21.8	77.4	<0.002	0.05	10.15	5.2	1	1.3	274	0.81	<0.05	10.1	0.187	1.13	3.9
Q924680		21.9	76.3	<0.002	0.07	14.65	5.3	1	1.4	276	0.82	<0.05	10.2	0.186	1.25	4.4
Q924681		18.1	82.4	<0.002	0.03	10.85	5.3	1	1.4	326	0.83	<0.05	9.8	0.197	1.27	3.6
Q924682		18.2	91.9	<0.002	0.02	9.62	5.4	1	1.4	333	0.83	<0.05	10.3	0.186	1.21	3.8
Q924683		17.5	89.0	<0.002	0.02	14.60	5.6	1	1.3	284	0.78	<0.05	10.7	0.196	1.25	3.9
Q924684		25.0	82.6	<0.002	0.05	19.80	6.3	1	1.4	309	0.79	<0.05	11.0	0.225	1.30	4.5
Q924685		1410	132.5	0.002	6.41	45.3	15.6	2	16.4	271	0.35	0.52	4.9	0.346	2.39	4.7
Q924686		109.5	83.2	<0.002	0.64	33.4	24.0	1	1.7	267	0.20	0.06	3.2	0.461	1.34	1.6
Q924687		2.0	1.3	<0.002	<0.01	0.12	0.2	<1	<0.2	44.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q924688		39.9	14.7	<0.002	0.12	3.26	22.9	1	1.0	1080	0.22	0.06	1.9	0.511	0.37	0.8
Q924689		29.8	13.9	<0.002	0.08	2.50	21.5	1	1.1	931	0.24	0.15	1.7	0.537	0.54	0.7
Q924690		12.8	14.2	<0.002	0.02	1.44	21.2	1	1.1	1085	0.26	<0.05	2.6	0.517	0.34	0.8
Q924691		107.0	17.3	<0.002	0.19	4.54	21.3	1	1.2	1035	0.27	<0.05	2.6	0.517	0.41	1.1
Q924692		469	147.5	0.003	2.56	29.6	9.1	1	5.6	109.5	0.52	0.27	10.9	0.198	2.45	5.1
Q924693		19.1	22.8	<0.002	0.05	3.29	22.2	1	1.1	956	0.24	<0.05	2.8	0.498	0.39	1.0
Q924694		47.3	79.8	<0.002	0.37	44.9	19.2	1	1.4	261	0.25	0.07	3.0	0.440	1.32	2.1
Q924695		58.7	10.0	0.004	0.27	46.2	21.3	1	1.6	158.5	0.26	<0.05	3.0	0.501	0.35	1.2
Q924696		748	124.0	<0.002	1.25	41.4	15.5	1	3.0	206	0.24	<0.05	3.3	0.339	2.13	2.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101244

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924661		53	1.5	13.2	113	48.8
Q924662		50	1.7	11.6	71	47.1
Q924663		56	1.8	12.5	65	52.7
Q924664		57	1.4	13.9	69	135.0
Q924665		2	0.1	0.7	17	0.5
Q924666		50	1.4	11.8	60	49.0
Q924667		54	1.0	12.8	60	57.5
Q924668		55	1.9	13.2	71	58.2
Q924669		52	1.7	12.1	60	54.3
Q924670		55	1.7	12.8	62	54.9
Q924671		49	1.3	12.3	68	51.0
Q924672		49	1.9	11.9	70	58.6
Q924673		53	1.2	11.2	56	122.0
Q924674		52	1.8	11.1	61	103.5
Q924675		163	1.8	17.4	278	13.3
Q924676		61	5.9	11.1	2330	28.9
Q924677		55	2.2	12.1	103	72.4
Q924678		48	1.9	10.9	86	48.7
Q924679		46	1.0	10.9	85	44.6
Q924680		46	1.5	11.4	92	43.4
Q924681		48	1.5	11.3	93	44.5
Q924682		46	1.3	12.0	92	43.7
Q924683		48	1.6	12.2	88	45.7
Q924684		54	1.6	13.1	89	74.6
Q924685		144	7.3	12.7	6440	61.3
Q924686		211	4.8	19.6	288	13.8
Q924687		3	0.1	0.9	15	0.5
Q924688		218	0.6	16.1	147	14.0
Q924689		214	0.8	14.4	118	13.4
Q924690		221	0.5	16.0	111	13.6
Q924691		214	0.7	15.8	314	12.9
Q924692		67	5.6	11.5	886	30.5
Q924693		209	0.6	17.2	117	13.8
Q924694		173	7.3	17.0	174	13.4
Q924695		198	13.6	16.3	167	13.7
Q924696		147	3.2	14.7	1600	10.4

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101244

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

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

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

Finalized Date: 22-JUL-2014
Account: ROCKHA

CERTIFICATE WH14101245

Project: KLAZA

P.O. No.: BATCH 34

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 22-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101245

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924270		6.00	<0.005	0.54	7.36	50.5	2080	1.83	0.50	2.80	0.81	49.2	9.0	9	21.7	23.9
Q924271		8.81	<0.005	0.24	7.36	11.9	2130	1.43	0.55	2.55	1.22	48.1	8.0	18	11.90	8.3
Q924272		1.57	0.761	5.54	6.28	546	1060	1.21	1.04	2.99	64.6	45.5	10.2	15	20.0	322
Q924273		8.51	<0.005	0.20	7.51	14.7	2090	1.39	0.15	2.90	0.26	50.6	8.1	25	12.55	8.6
Q924274		2.57	0.010	0.61	8.18	75.3	1900	1.24	0.14	1.10	3.15	58.9	7.9	14	18.45	13.6
Q924275		7.88	<0.005	0.10	7.29	8.8	2280	1.10	0.15	2.11	0.18	43.9	8.1	18	16.60	6.4
Q924276		3.90	<0.005	0.08	7.66	7.6	1980	1.17	0.15	2.03	0.19	44.3	8.1	17	17.25	5.8
Q924277		4.58	<0.005	0.16	7.46	34.2	2190	1.01	0.11	2.02	0.15	44.5	7.8	17	22.7	10.1
Q924278		2.38	<0.005	0.25	6.75	12.0	1260	1.37	0.48	3.56	0.10	49.0	9.8	17	15.95	4.5
Q924279		9.58	<0.005	0.09	6.96	4.6	2030	1.34	0.12	2.74	0.09	45.9	8.0	20	11.60	5.2
Q924280		4.70	0.017	0.08	7.24	5.7	2130	1.25	0.13	1.76	0.13	42.1	8.4	15	13.30	6.4
Q924281		5.34	<0.005	0.05	5.96	9.0	1260	1.35	0.12	2.81	1.14	48.7	8.5	14	20.2	9.1
Q924282		0.24	0.348	4.41	6.79	690	800	1.28	3.47	2.04	11.15	47.6	12.0	28	13.40	319
Q924283		2.45	<0.005	0.08	7.70	5.4	2010	1.17	0.11	2.17	0.31	46.7	8.0	18	12.70	9.4
Q924284		4.65	<0.005	0.09	7.21	4.8	2150	1.39	0.10	2.89	0.20	46.6	8.1	15	14.55	7.0
Q924285		2.12	0.007	0.30	7.14	34.0	1880	1.23	0.11	2.18	1.09	45.2	8.5	16	21.5	10.4
Q924286		<0.02	0.006	0.30	6.97	36.2	1710	1.29	0.11	2.13	1.06	44.5	8.5	14	21.7	12.4
Q924287		9.83	<0.005	0.08	7.02	4.1	2060	1.29	0.09	2.86	0.27	42.5	8.0	20	14.50	7.5
Q924288		2.17	<0.005	0.08	6.74	8.4	1920	1.16	0.07	2.72	0.13	40.5	7.8	15	20.9	7.1
Q924289		1.48	0.192	15.90	7.10	352	1300	1.57	0.73	2.43	10.80	50.1	7.9	10	14.15	131.5
Q924290		4.12	0.006	0.15	7.55	9.7	2140	1.59	0.08	2.92	0.31	54.0	8.7	14	8.65	10.4
Q924291		3.95	<0.005	0.25	7.55	15.6	1940	1.68	0.15	2.65	1.39	51.1	8.1	10	14.45	9.5
Q924292		5.81	<0.005	0.11	7.56	11.0	2240	1.71	0.16	2.50	0.16	54.2	8.1	11	29.9	8.4
Q924293		7.18	<0.005	0.10	7.19	15.4	2070	1.59	0.14	2.91	0.13	49.0	8.0	12	21.4	8.4
Q924294		3.55	<0.005	0.14	6.85	123.0	1690	1.63	0.11	3.05	0.15	52.0	7.0	12	25.4	8.3
Q924295		2.52	<0.005	0.03	0.11	<0.2	60	0.06	0.02	20.9	0.06	1.38	0.7	<1	0.79	1.7
Q924296		5.30	<0.005	0.10	7.43	9.5	2310	1.53	0.09	2.72	0.12	48.1	7.6	11	28.7	8.1
Q924297		0.25	0.370	4.54	6.89	721	270	1.33	3.55	2.07	10.25	50.4	12.2	25	14.05	333
Q924298		3.99	<0.005	0.18	7.67	43.5	1640	1.64	0.13	2.43	0.36	50.6	9.7	20	35.7	14.4
Q924299		9.57	<0.005	0.15	7.67	21.3	1930	1.53	0.14	2.26	0.22	50.6	7.7	11	30.6	7.0
Q924300		4.44	0.009	0.39	7.14	106.5	1380	1.64	0.16	3.47	6.69	51.8	8.2	8	23.4	11.9
Q924301		3.20	<0.005	0.02	0.10	<0.2	30	0.09	0.02	22.1	0.06	1.50	0.7	<1	0.32	3.4
Q924302		5.90	<0.005	0.13	7.12	32.7	1460	1.44	0.20	1.84	0.20	43.9	7.6	10	20.6	6.5
Q924303		4.55	<0.005	0.25	6.74	35.1	1740	1.51	0.27	2.19	0.38	46.8	9.3	11	20.0	7.9
Q924304		9.77	<0.005	0.10	7.45	19.2	1800	1.64	0.12	2.41	0.15	51.4	7.6	11	27.3	9.7
Q924305		3.87	<0.005	0.16	7.54	21.9	1190	1.51	0.12	2.39	0.18	50.8	8.1	11	20.4	8.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 22-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924270		3.18	18.05	0.22	1.3	0.059	2.78	25.9	23.8	0.75	772	1.67	1.83	8.9	3.5	610
Q924271		3.22	15.95	0.18	1.0	0.073	2.51	24.5	22.7	0.82	718	1.22	1.78	7.8	3.0	630
Q924272		4.24	14.10	0.15	0.9	0.508	2.59	25.5	33.4	0.73	1900	2.14	0.12	6.2	2.9	510
Q924273		3.13	15.90	0.19	1.1	0.043	2.48	25.5	14.5	0.86	781	0.85	2.07	7.8	3.1	690
Q924274		3.36	17.05	0.18	1.2	0.124	2.83	31.3	30.3	0.62	1350	0.99	0.21	8.4	2.8	670
Q924275		3.03	16.15	0.16	1.1	0.041	2.33	21.1	35.0	0.61	908	0.65	0.72	8.1	3.7	640
Q924276		3.19	17.10	0.17	1.1	0.042	2.47	21.0	35.7	0.60	944	0.67	0.72	8.5	3.0	680
Q924277		3.31	15.85	0.17	1.1	0.058	2.84	21.9	26.0	0.73	1200	0.65	0.48	7.8	2.9	640
Q924278		3.24	16.00	0.16	0.9	0.055	2.50	24.4	12.1	0.92	1720	0.91	1.48	7.5	2.8	620
Q924279		3.01	15.60	0.15	1.0	0.040	2.47	22.8	10.8	0.84	744	0.68	1.96	7.4	2.9	600
Q924280		3.06	16.90	0.16	1.0	0.048	2.52	20.0	34.4	0.57	970	0.52	0.14	8.1	2.8	670
Q924281		2.72	15.05	0.14	0.9	0.041	1.97	25.7	33.4	0.84	1360	0.47	0.09	6.8	2.9	530
Q924282		5.09	14.90	0.14	1.1	0.314	2.91	26.9	25.7	0.79	1900	15.30	0.15	5.9	14.0	510
Q924283		3.06	16.30	0.15	1.1	0.042	2.69	23.6	26.7	0.78	763	0.63	0.95	7.9	3.3	640
Q924284		3.08	16.25	0.14	1.1	0.037	2.50	22.7	13.7	0.79	757	0.80	2.21	7.8	2.8	600
Q924285		3.04	16.70	0.15	1.1	0.048	2.64	21.6	26.5	0.66	1420	0.63	0.41	8.2	2.8	680
Q924286		3.03	16.70	0.14	1.1	0.052	2.57	21.1	27.4	0.65	1400	0.77	0.39	8.4	2.8	710
Q924287		3.00	15.85	0.13	1.0	0.035	2.54	20.5	11.9	0.78	756	0.64	2.12	7.6	2.8	600
Q924288		2.92	16.05	0.15	1.1	0.038	2.46	19.5	28.5	0.65	933	0.69	0.70	7.8	2.7	610
Q924289		4.20	15.45	0.17	1.1	0.226	3.13	25.3	11.9	0.81	9790	2.75	0.77	7.5	2.9	560
Q924290		3.33	16.25	0.15	1.3	0.044	2.59	25.2	13.0	1.01	1090	1.22	2.24	8.9	3.2	720
Q924291		3.08	16.60	0.19	1.3	0.046	3.00	24.0	17.1	0.83	1600	0.78	1.63	8.8	3.0	660
Q924292		3.06	16.45	0.19	1.2	0.035	2.71	26.8	16.8	0.77	572	0.65	1.75	8.3	3.2	630
Q924293		3.08	16.30	0.17	1.3	0.041	2.84	22.8	36.1	0.87	866	0.60	1.04	8.4	3.1	650
Q924294		2.87	15.45	0.17	1.1	0.037	2.94	26.5	54.0	0.91	1140	0.63	0.23	7.5	3.3	600
Q924295		0.49	0.31	0.15	<0.1	0.006	0.05	0.6	1.6	13.20	228	0.19	0.01	0.2	2.3	200
Q924296		3.20	15.90	0.17	1.2	0.034	2.75	22.7	23.2	0.80	714	0.68	1.67	8.2	3.3	620
Q924297		5.16	15.40	0.15	1.2	0.310	3.06	26.8	24.6	0.80	2000	15.90	0.16	6.5	15.1	540
Q924298		3.36	16.80	0.16	1.5	0.052	2.86	23.1	156.0	0.89	1650	0.82	0.09	8.6	5.5	720
Q924299		3.23	16.75	0.19	1.2	0.039	2.77	24.7	172.0	0.85	940	0.66	0.18	8.7	2.9	670
Q924300		2.93	15.25	0.16	1.3	0.151	1.49	26.3	156.0	1.07	1370	0.60	0.02	7.8	3.0	610
Q924301		0.49	0.32	0.17	<0.1	0.007	0.03	0.7	2.6	13.80	224	0.16	<0.01	0.2	1.7	210
Q924302		2.95	14.95	0.18	1.1	0.043	2.43	20.6	58.9	0.74	1250	2.30	0.03	7.4	2.9	610
Q924303		3.09	14.65	0.16	1.1	0.041	2.44	22.8	37.1	0.83	1440	1.92	0.03	7.3	3.4	570
Q924304		3.07	16.45	0.16	1.2	0.039	2.64	24.2	133.0	0.86	951	1.58	0.45	8.4	2.9	670
Q924305		3.01	17.00	0.15	1.4	0.040	2.41	24.3	75.0	0.88	1220	0.74	0.04	8.7	3.1	690

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 22-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924270		69.9	124.0	<0.002	0.15	7.19	13.8	1	2.5	372	0.72	<0.05	14.6	0.271	1.23	5.0
Q924271		62.1	104.0	<0.002	0.08	4.77	11.4	1	2.0	371	0.60	<0.05	12.1	0.275	1.01	3.8
Q924272		1410	136.0	<0.002	2.08	92.1	10.0	1	3.2	134.5	0.51	<0.05	10.4	0.220	1.68	9.7
Q924273		22.0	96.9	<0.002	0.05	6.40	11.4	1	1.5	385	0.68	<0.05	12.8	0.278	1.03	4.1
Q924274		103.5	133.0	<0.002	0.17	30.7	13.0	1	2.1	111.5	0.70	<0.05	15.5	0.295	1.62	4.8
Q924275		18.4	86.5	<0.002	0.05	20.8	11.7	1	1.7	212	0.66	<0.05	11.7	0.281	1.10	3.1
Q924276		18.3	88.7	<0.002	0.03	20.9	11.9	1	1.7	204	0.70	<0.05	12.4	0.297	1.09	2.9
Q924277		22.8	113.5	<0.002	0.09	11.10	11.6	1	1.7	148.5	0.67	<0.05	12.0	0.274	1.56	3.9
Q924278		15.7	123.5	<0.002	0.16	3.33	12.3	1	1.5	255	0.59	<0.05	11.6	0.271	1.46	6.3
Q924279		16.4	101.5	<0.002	0.02	2.19	11.8	1	1.4	360	0.59	<0.05	12.1	0.260	1.00	3.3
Q924280		17.1	89.2	<0.002	0.05	20.6	11.6	1	1.5	112.5	0.66	<0.05	11.3	0.289	1.15	2.2
Q924281		11.4	107.5	<0.002	0.14	18.90	10.7	1	1.8	104.5	0.54	<0.05	12.1	0.225	1.45	9.7
Q924282		492	163.5	0.003	2.69	27.6	9.1	1	5.6	111.0	0.49	0.30	11.2	0.206	2.49	5.1
Q924283		20.5	105.5	<0.002	0.02	6.39	11.6	1	1.7	233	0.61	<0.05	13.3	0.285	1.15	3.9
Q924284		18.3	97.2	<0.002	0.01	2.86	11.3	1	1.4	412	0.61	<0.05	12.4	0.274	1.02	3.0
Q924285		39.8	104.0	<0.002	0.15	15.30	12.6	1	1.5	139.5	0.68	<0.05	13.3	0.285	1.74	8.3
Q924286		40.1	105.0	<0.002	0.15	15.90	12.7	1	1.7	132.5	0.68	<0.05	13.1	0.283	1.78	9.0
Q924287		18.2	94.9	<0.002	0.02	4.04	11.3	1	1.5	385	0.62	<0.05	11.7	0.267	1.01	3.0
Q924288		18.9	93.9	<0.002	0.05	10.10	11.2	1	1.7	189.5	0.65	<0.05	11.8	0.271	1.18	4.0
Q924289		200	164.0	<0.002	1.76	63.1	11.6	1	2.3	178.0	0.63	<0.05	13.8	0.238	2.43	7.8
Q924290		23.2	103.0	<0.002	0.03	2.05	13.3	1	1.7	394	0.78	<0.05	14.2	0.301	1.22	4.5
Q924291		41.2	120.0	<0.002	0.11	5.38	12.5	1	1.6	326	0.73	<0.05	13.4	0.274	1.66	4.0
Q924292		20.8	110.0	<0.002	0.06	5.89	12.5	1	1.5	396	0.70	<0.05	14.2	0.268	1.51	5.6
Q924293		19.2	112.0	<0.002	0.05	9.42	12.5	1	1.6	302	0.71	<0.05	12.6	0.277	1.55	4.3
Q924294		20.6	139.0	<0.002	0.14	12.60	11.0	1	1.5	187.5	0.62	<0.05	13.6	0.252	2.29	5.9
Q924295		2.8	3.7	<0.002	<0.01	0.10	0.2	<1	<0.2	49.9	<0.05	<0.05	0.2	0.005	0.03	0.9
Q924296		19.9	113.0	<0.002	0.04	5.35	12.0	1	1.6	368	0.71	<0.05	13.5	0.271	1.34	4.2
Q924297		487	163.0	0.005	2.78	28.7	9.9	1	5.8	110.5	0.51	0.32	11.3	0.214	2.54	5.3
Q924298		24.7	122.5	<0.002	0.11	21.7	15.2	1	1.9	195.5	0.72	<0.05	12.4	0.321	2.18	4.9
Q924299		24.0	110.0	<0.002	0.08	15.05	12.8	1	1.7	191.5	0.76	<0.05	13.2	0.287	1.57	3.5
Q924300		48.0	70.9	<0.002	0.26	17.55	11.7	1	2.3	238	0.69	<0.05	12.6	0.259	1.39	4.6
Q924301		1.5	1.6	<0.002	0.01	0.12	0.2	<1	<0.2	48.5	<0.05	<0.05	0.2	<0.005	0.02	0.8
Q924302		18.6	99.1	<0.002	0.18	20.4	11.3	1	1.4	142.5	0.59	<0.05	11.3	0.260	2.14	6.5
Q924303		30.4	109.0	<0.002	0.31	26.0	11.2	1	1.4	126.5	0.58	<0.05	11.5	0.243	2.12	7.1
Q924304		16.6	105.0	<0.002	0.10	15.05	12.7	1	1.5	240	0.69	<0.05	12.7	0.280	1.84	4.1
Q924305		16.7	101.5	<0.002	0.18	13.45	13.0	1	1.6	167.5	0.73	<0.05	12.4	0.286	2.02	6.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 22-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101245

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924270		76	3.0	18.4	131	33.9
Q924271		79	2.3	15.5	144	24.9
Q924272		68	2.9	17.0	6800	19.8
Q924273		79	0.9	17.5	91	26.0
Q924274		84	7.3	18.4	312	27.7
Q924275		78	4.1	17.1	77	25.1
Q924276		83	4.4	17.1	78	26.5
Q924277		81	3.7	17.1	78	24.4
Q924278		81	1.8	15.1	75	21.6
Q924279		77	1.8	16.2	62	22.6
Q924280		85	5.5	14.5	73	24.3
Q924281		72	2.4	16.2	166	22.8
Q924282		66	5.4	11.7	876	30.2
Q924283		80	3.1	16.1	112	24.5
Q924284		78	1.9	16.6	77	27.2
Q924285		86	3.2	16.6	227	26.1
Q924286		87	3.1	16.6	218	26.3
Q924287		76	1.4	15.9	87	24.7
Q924288		76	2.6	16.5	67	25.8
Q924289		71	4.2	16.1	1360	25.4
Q924290		89	1.3	20.9	96	27.9
Q924291		79	1.4	18.6	215	29.6
Q924292		77	1.3	17.0	67	28.3
Q924293		81	2.1	16.5	68	28.6
Q924294		71	2.5	16.4	80	26.0
Q924295		3	0.1	0.8	18	0.6
Q924296		76	1.7	16.5	66	29.2
Q924297		66	5.3	12.5	927	31.8
Q924298		102	3.5	20.1	105	33.4
Q924299		82	3.0	18.4	81	29.2
Q924300		73	3.9	19.6	973	28.1
Q924301		3	0.1	1.0	15	0.8
Q924302		77	2.7	13.3	85	25.5
Q924303		74	2.3	14.2	92	25.1
Q924304		79	2.3	17.4	73	28.7
Q924305		82	2.6	17.1	75	33.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 22-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101245

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

CERTIFICATE WH14101246

Project: KLAZA

P.O. No.: BATCH 35

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101246

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q924697		4.62	<0.005	0.24	9.18	19.2	290	1.36	0.06	3.46	0.72	32.7	20.6	56	11.55	33.2
Q924698		2.27	0.265	3.26	6.26	1180	780	1.20	0.38	5.89	8.58	27.4	17.8	65	20.6	35.0
Q924699		3.38	<0.005	0.01	0.09	1.0	40	0.07	0.02	20.6	0.07	1.34	0.6	2	0.20	2.8
Q924700		2.62	0.009	0.90	8.24	72.9	890	0.97	0.34	6.16	5.13	33.4	23.6	30	11.80	22.2
Q924701		0.80	<0.005	0.26	8.08	25.0	3900	1.13	0.02	4.54	0.91	32.4	16.4	9	15.00	11.8
Q924702		2.82	<0.005	0.18	8.11	17.3	990	1.06	0.02	5.64	0.45	33.6	17.2	9	17.30	16.6
Q924703		3.13	0.021	2.83	8.07	21.5	1090	1.14	0.05	5.47	4.41	37.5	19.6	17	12.25	21.8
Q924704		3.32	0.006	0.16	7.95	7.1	1180	1.04	0.09	5.59	0.19	32.6	21.5	23	7.58	28.6
Q924705		2.46	<0.005	0.14	8.40	25.5	1290	1.38	0.02	4.38	0.37	34.6	21.0	23	17.00	15.2
Q924706		4.63	<0.005	0.10	8.22	10.2	1160	1.06	0.03	5.64	0.20	38.0	20.5	20	6.90	23.2
Q924707		0.27	0.823	11.05	6.06	1515	150	1.28	11.05	1.83	32.6	40.6	17.1	19	13.45	276
Q924708		6.34	<0.005	0.17	8.05	23.5	1110	1.19	0.04	5.63	0.29	37.2	17.4	19	8.63	16.8
Q924709		1.60	0.020	0.78	7.61	170.0	990	1.17	0.04	4.30	1.79	36.8	15.9	15	20.1	14.5
Q924710		2.11	0.005	0.14	8.14	35.1	70	1.21	0.05	2.93	0.67	35.4	16.7	18	5.86	21.4
Q924711		1.09	0.007	0.13	8.10	38.0	60	1.20	0.04	2.83	0.65	36.8	16.8	17	4.86	21.7
Q924712		2.38	0.102	0.71	7.31	940	510	1.22	0.02	4.25	1.11	34.5	18.4	11	16.05	19.5
Q924713		1.31	<0.005	0.16	7.55	25.7	1370	1.28	0.03	4.49	0.33	39.8	19.7	10	30.4	21.5
Q924714		5.86	<0.005	0.13	8.25	12.1	1160	1.08	0.02	5.14	0.26	40.1	20.4	11	9.22	40.6
Q924715		4.70	<0.005	0.24	8.66	17.1	1270	1.12	0.10	5.28	0.36	45.7	19.2	11	6.43	30.1
Q924716		<0.02	<0.005	0.18	8.15	14.8	1230	1.11	0.09	5.03	0.30	43.4	19.0	11	5.95	30.8
Q924717		5.86	<0.005	0.33	8.15	11.1	1260	1.23	0.02	5.03	1.27	46.7	19.8	11	5.41	18.0
Q924718		5.12	0.011	0.26	8.01	53.6	1190	1.22	0.08	4.87	0.41	43.3	19.1	10	5.76	26.0
Q924719		5.52	<0.005	0.23	8.21	13.1	1390	1.21	0.04	4.77	0.46	41.2	19.5	11	6.34	16.7
Q924720		5.02	<0.005	0.11	8.96	19.2	1520	1.30	0.15	5.00	0.37	44.6	20.2	11	7.20	19.4
Q924721		6.11	0.008	0.25	8.67	29.3	1260	1.28	0.10	5.01	0.38	44.9	19.4	11	6.12	18.6
Q924722		4.64	<0.005	0.19	8.34	18.0	1190	1.18	0.03	5.06	0.36	42.0	19.3	11	5.04	25.4
Q924723		0.85	0.126	5.45	6.29	994	600	1.19	0.23	4.65	9.70	34.6	15.7	7	21.1	25.5
Q924724		2.40	<0.005	0.02	0.11	3.0	30	0.05	0.02	20.7	0.07	1.43	0.9	1	0.27	1.5
Q924725		3.07	0.006	0.24	8.63	61.0	1250	1.30	0.02	5.32	0.49	50.0	19.2	10	8.93	23.6
Q924726		3.81	<0.005	0.44	7.97	24.6	1290	1.17	0.03	4.78	0.44	45.5	17.7	10	5.74	15.8
Q924727		0.23	0.335	4.96	6.34	661	440	1.37	3.48	1.93	10.60	46.4	12.3	22	13.75	315
Q924728		0.79	0.211	6.13	7.73	446	640	1.36	1.64	2.89	30.7	41.6	19.8	9	21.4	35.1
Q924729		3.30	<0.005	0.14	8.33	9.3	1320	1.24	0.02	5.12	0.29	44.9	18.9	11	7.52	14.4
Q924730		1.21	0.017	0.67	7.98	166.0	450	1.38	0.03	3.78	1.06	42.6	14.8	9	24.8	16.5
Q924731		4.58	<0.005	0.16	8.40	12.7	1310	1.17	0.04	4.81	0.29	41.6	18.3	11	7.42	14.3
Q924732		7.54	0.013	0.24	8.01	31.0	1240	1.22	0.07	4.49	0.50	42.9	15.8	13	6.39	17.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924697		5.60	22.3	0.09	0.7	0.077	0.32	16.1	51.5	1.32	1500	2.61	0.02	5.2	12.6	1070
Q924698		5.04	16.20	0.09	0.5	0.091	1.64	14.1	57.2	2.39	7450	1.19	0.04	2.7	17.3	730
Q924699		0.47	0.26	0.10	<0.1	<0.005	0.02	0.7	1.3	12.35	236	0.05	<0.01	0.1	1.6	170
Q924700		5.84	22.0	0.09	0.6	0.262	0.83	16.5	9.2	2.34	1270	1.17	2.14	3.4	7.7	1130
Q924701		5.66	21.2	0.08	0.5	0.076	0.80	15.9	40.4	1.93	2100	1.54	0.09	3.1	3.3	1280
Q924702		5.61	21.9	0.09	0.6	0.079	0.81	15.9	7.5	1.80	1180	1.38	2.35	4.1	2.3	1300
Q924703		5.81	21.4	0.11	0.6	0.148	1.05	18.8	9.3	2.27	1240	1.34	2.20	4.4	4.5	1180
Q924704		5.61	21.4	0.11	0.7	0.079	0.98	15.6	10.1	2.52	1220	1.94	2.43	4.6	6.6	1170
Q924705		5.92	21.8	0.10	0.7	0.072	0.85	16.7	32.9	2.01	1620	1.27	0.27	4.5	6.5	1220
Q924706		5.90	21.5	0.11	0.7	0.062	1.08	18.9	9.9	2.43	1220	1.70	2.37	5.4	5.7	1180
Q924707		6.11	15.65	0.10	1.1	0.784	2.71	22.2	18.2	0.74	1870	9.73	0.13	6.3	12.2	510
Q924708		5.43	21.5	0.11	0.7	0.066	1.07	17.8	12.2	2.09	1370	1.64	2.37	6.0	3.7	1150
Q924709		5.22	18.90	0.09	0.6	0.058	1.23	19.4	39.1	1.96	2390	1.28	0.04	4.4	3.5	1060
Q924710		5.58	20.2	0.10	0.7	0.065	0.18	15.8	61.0	1.27	1520	1.14	0.02	5.6	4.2	1260
Q924711		5.47	19.60	0.10	0.7	0.064	0.14	16.6	60.2	1.22	1450	1.11	0.01	5.5	3.7	1220
Q924712		5.85	18.80	0.10	0.6	0.056	1.22	16.4	46.1	1.82	3290	1.61	0.03	3.8	3.7	1100
Q924713		5.93	19.00	0.11	0.6	0.065	0.81	18.7	50.0	1.74	1340	1.60	0.76	4.7	3.5	1260
Q924714		6.07	20.5	0.13	0.6	0.072	1.09	18.7	9.4	2.32	1190	1.93	2.31	4.7	3.5	1290
Q924715		6.17	20.8	0.14	0.6	0.086	1.22	20.8	13.9	2.39	1220	1.74	2.50	5.7	3.6	1340
Q924716		5.99	20.2	0.13	0.6	0.086	1.16	19.7	13.0	2.27	1220	2.00	2.39	5.8	3.5	1290
Q924717		6.04	21.1	0.15	0.7	0.080	1.19	21.2	12.0	2.20	1180	2.04	2.41	6.6	3.6	1340
Q924718		5.81	20.9	0.14	0.7	0.078	1.30	19.5	13.8	2.18	1300	2.37	2.24	6.4	3.5	1260
Q924719		5.94	21.2	0.14	0.7	0.069	1.43	18.3	15.2	2.18	1180	2.42	2.43	7.2	3.7	1240
Q924720		6.37	21.3	0.12	0.7	0.080	1.50	20.5	16.5	2.44	1210	2.45	2.62	6.8	3.7	1400
Q924721		6.18	21.0	0.13	0.7	0.084	1.39	20.5	12.8	2.26	1300	2.04	2.50	6.5	3.5	1380
Q924722		6.06	20.8	0.15	0.7	0.063	1.29	19.5	12.4	2.18	1280	2.40	2.44	6.2	3.5	1370
Q924723		6.30	15.20	0.11	0.5	0.077	1.76	16.9	27.2	1.95	11100	1.94	0.08	3.9	3.2	950
Q924724		0.50	0.33	0.22	<0.1	<0.005	0.03	0.7	1.1	12.30	247	0.12	0.01	0.2	1.8	190
Q924725		6.21	21.5	0.12	0.7	0.067	1.31	23.0	10.7	2.24	1420	2.41	2.34	6.2	3.4	1390
Q924726		5.68	20.1	0.12	0.7	0.066	1.29	20.6	9.6	2.00	1290	2.05	2.36	7.0	3.3	1250
Q924727		5.00	15.20	0.11	1.1	0.311	2.81	25.7	25.8	0.73	1880	14.50	0.15	6.4	14.7	490
Q924728		6.78	20.0	0.13	0.6	1.165	2.21	20.0	34.4	1.54	2010	1.76	0.11	5.9	3.7	1130
Q924729		5.88	20.6	0.13	0.7	0.065	1.27	20.1	9.4	2.03	1260	1.92	2.39	6.0	3.3	1300
Q924730		4.88	19.30	0.15	0.6	0.061	2.05	20.5	45.6	1.64	2250	1.92	0.11	5.2	3.1	1160
Q924731		5.74	20.2	0.14	0.7	0.059	1.23	19.3	13.0	2.05	1230	1.70	2.25	5.5	3.9	1350
Q924732		5.05	20.3	0.14	0.6	0.067	1.48	19.4	11.7	1.87	1210	2.37	2.24	6.2	4.6	1280

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101246

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924697		24.1	5.5	<0.002	0.12	43.3	22.8	1	1.6	146.0	0.36	<0.05	3.6	0.482	0.27	1.3
Q924698		661	93.9	<0.002	1.31	33.5	19.9	1	2.5	264	0.17	<0.05	2.7	0.268	1.71	1.4
Q924699		2.1	0.9	<0.002	<0.01	0.19	0.2	<1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
Q924700		257	22.3	<0.002	0.60	3.72	21.5	1	2.4	925	0.20	0.20	2.1	0.446	0.46	0.8
Q924701		21.0	23.7	<0.002	0.21	29.3	19.1	1	1.0	243	0.19	<0.05	1.9	0.450	0.78	0.9
Q924702		42.0	17.0	<0.002	0.21	4.57	18.7	1	1.0	975	0.26	<0.05	2.7	0.482	0.34	0.9
Q924703		971	29.2	<0.002	0.41	4.78	21.6	1	1.5	854	0.27	<0.05	3.0	0.498	0.52	1.0
Q924704		11.1	16.7	<0.002	0.07	2.03	22.9	1	1.2	884	0.28	<0.05	2.4	0.538	0.46	0.8
Q924705		16.4	21.9	<0.002	0.07	23.7	24.3	1	1.1	299	0.28	<0.05	2.6	0.550	0.52	1.0
Q924706		11.3	25.7	<0.002	0.03	1.30	23.3	1	1.2	849	0.35	<0.05	3.1	0.540	0.38	1.0
Q924707		1240	150.0	<0.002	4.44	64.1	9.1	2	8.0	92.5	0.53	1.02	10.5	0.195	2.52	5.2
Q924708		18.8	20.7	<0.002	0.11	3.25	20.7	2	1.2	795	0.36	<0.05	3.2	0.531	0.38	1.2
Q924709		133.5	59.9	<0.002	0.53	32.7	19.3	1	1.2	222	0.28	<0.05	3.1	0.452	1.31	1.4
Q924710		14.5	2.6	<0.002	0.05	40.0	22.7	1	1.1	148.5	0.34	<0.05	2.8	0.569	0.22	1.3
Q924711		12.9	2.2	<0.002	0.08	41.4	22.8	1	1.4	143.0	0.35	<0.05	2.9	0.558	0.18	1.3
Q924712		63.7	40.3	<0.002	0.75	40.9	20.0	1	1.0	195.0	0.25	<0.05	3.6	0.435	1.23	1.6
Q924713		14.1	24.8	<0.002	0.08	21.2	21.8	1	1.3	497	0.30	<0.05	3.9	0.486	0.39	1.5
Q924714		13.6	29.5	<0.002	0.02	1.03	22.5	1	1.2	947	0.29	<0.05	3.9	0.526	0.37	1.2
Q924715		29.9	31.2	<0.002	0.11	1.47	23.8	1	1.2	933	0.33	<0.05	4.4	0.561	0.35	1.5
Q924716		20.3	26.0	<0.002	0.09	1.25	22.8	1	1.2	899	0.34	<0.05	4.0	0.544	0.36	1.4
Q924717		80.4	26.0	<0.002	0.07	0.93	23.9	1	1.1	897	0.38	<0.05	4.2	0.557	0.33	1.4
Q924718		27.5	35.1	<0.002	0.12	1.81	21.9	1	1.4	848	0.38	<0.05	4.5	0.524	0.44	1.6
Q924719		33.2	30.5	<0.002	0.05	1.07	21.6	1	1.2	907	0.41	<0.05	4.0	0.550	0.42	1.5
Q924720		11.9	37.3	<0.002	0.06	0.81	23.0	1	1.4	998	0.40	0.05	4.1	0.582	0.44	1.5
Q924721		33.1	40.9	<0.002	0.08	1.55	22.1	1	1.2	899	0.38	<0.05	4.2	0.571	0.46	1.5
Q924722		15.5	34.2	<0.002	0.03	1.55	22.4	1	1.2	912	0.37	<0.05	4.8	0.556	0.34	1.5
Q924723		910	90.4	<0.002	1.58	25.3	16.1	1	1.8	212	0.24	<0.05	3.5	0.376	1.60	2.1
Q924724		3.4	1.4	<0.002	0.02	0.13	0.3	<1	<0.2	46.2	<0.05	<0.05	<0.2	0.007	0.02	1.1
Q924725		26.0	38.0	<0.002	0.09	3.50	21.1	1	1.3	927	0.37	<0.05	5.2	0.534	0.51	1.8
Q924726		23.5	32.3	<0.002	0.05	2.09	20.0	1	1.2	863	0.40	<0.05	4.0	0.522	0.40	1.5
Q924727		454	150.5	0.004	2.57	30.9	9.3	1	5.6	110.5	0.52	0.29	11.5	0.204	2.36	5.2
Q924728		1240	108.5	<0.002	3.23	21.4	19.7	1	3.8	195.5	0.34	<0.05	4.1	0.464	1.55	2.3
Q924729		13.8	32.8	<0.002	0.05	2.74	21.8	1	1.1	906	0.34	<0.05	3.7	0.519	0.41	1.3
Q924730		63.5	110.0	<0.002	0.56	25.2	20.5	1	1.1	204	0.31	<0.05	4.0	0.469	1.99	2.1
Q924731		15.1	33.2	<0.002	0.03	3.98	21.2	1	1.0	864	0.34	<0.05	4.2	0.513	0.42	1.3
Q924732		33.3	44.2	<0.002	0.08	2.59	17.5	1	1.3	797	0.39	<0.05	5.1	0.433	0.62	1.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101246

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q924697		194	11.1	17.0	152	15.2
Q924698		141	3.2	15.1	759	10.1
Q924699		2	0.1	0.9	16	<0.5
Q924700		204	0.5	16.8	544	12.5
Q924701		207	3.3	16.7	148	11.4
Q924702		203	0.8	16.0	125	12.2
Q924703		203	0.5	18.1	477	13.5
Q924704		215	0.4	17.0	96	13.8
Q924705		226	5.5	18.2	124	13.7
Q924706		211	0.4	19.3	103	14.6
Q924707		62	5.9	10.8	2390	28.7
Q924708		205	0.6	19.9	110	16.6
Q924709		187	3.4	19.4	220	14.0
Q924710		194	14.5	18.5	159	15.4
Q924711		188	16.6	18.6	150	15.2
Q924712		185	3.9	18.2	178	12.9
Q924713		191	4.1	19.7	116	14.4
Q924714		196	0.5	19.9	112	14.0
Q924715		202	0.6	21.4	123	14.3
Q924716		197	0.6	20.8	116	13.7
Q924717		195	0.4	22.1	193	15.2
Q924718		187	0.7	20.3	110	15.4
Q924719		192	0.6	20.3	115	16.4
Q924720		204	0.5	21.8	114	16.3
Q924721		193	0.6	21.6	129	15.1
Q924722		197	0.5	20.7	122	16.5
Q924723		140	1.8	16.2	997	10.6
Q924724		4	0.1	1.0	16	<0.5
Q924725		197	0.5	22.2	131	16.6
Q924726		180	0.6	21.1	140	16.6
Q924727		64	5.6	12.7	847	33.2
Q924728		168	1.5	19.1	2490	14.3
Q924729		188	0.5	21.2	110	17.0
Q924730		173	2.7	19.6	142	14.0
Q924731		181	0.8	19.3	109	15.2
Q924732		154	0.8	18.3	108	13.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101246

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

CERTIFICATE WH14101247

Project: KLAZA

P.O. No.: BATCH 36

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101247

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q924733		5.94	<0.005	0.10	9.01	5.3	1450	1.60	0.04	5.13	0.28	49.6	20.0	16	6.08	18.4
Q924734		1.94	0.224	4.08	7.44	950	670	1.47	0.15	5.00	6.79	45.0	17.4	8	33.2	26.3
Q924735		5.20	0.052	0.69	8.01	102.0	1290	1.29	0.03	4.51	1.30	44.7	16.9	10	7.11	27.6
Q924736		6.46	0.012	0.59	8.50	62.9	1380	1.40	0.04	4.93	0.81	46.2	18.4	15	5.58	37.5
Q924737		2.98	<0.005	0.17	8.21	60.8	1310	1.23	0.04	4.91	0.28	41.4	18.3	12	5.86	15.8
Q924738		1.12	0.263	4.00	7.10	1620	640	1.22	0.26	4.33	4.31	41.9	14.0	8	20.1	27.1
Q924739		3.26	<0.005	0.01	0.09	2.0	30	0.06	0.02	22.3	0.08	1.16	0.8	<1	0.18	1.2
Q924740		2.64	<0.005	0.20	8.21	10.6	1580	1.11	0.04	4.86	0.62	46.8	16.9	10	6.26	18.3
Q924741		5.91	<0.005	0.14	8.22	12.1	1500	1.03	0.04	4.75	0.30	43.0	18.3	11	4.97	23.8
Q924742		4.22	<0.005	0.12	8.24	9.4	1500	1.06	0.04	4.87	0.26	44.3	19.2	11	5.04	17.9
Q924743		7.09	0.144	0.99	7.63	207	1650	1.23	0.12	3.78	2.38	48.4	13.4	13	6.63	32.4
Q924744		7.87	0.005	0.24	8.06	10.5	1790	1.32	0.06	4.15	0.74	47.7	16.7	11	5.66	30.9
Q924745		7.79	0.006	0.22	8.20	11.9	1470	1.36	0.10	4.62	0.65	47.5	18.0	10	5.66	34.3
Q924746		6.91	<0.005	0.26	7.66	11.3	1410	1.26	0.04	4.42	0.77	40.3	17.6	10	4.29	20.9
Q924747		6.76	0.020	1.18	7.78	49.0	1310	1.31	0.12	4.47	1.21	42.8	17.6	9	6.28	26.5
Q924748		0.25	0.796	10.10	5.92	1365	790	1.31	11.35	1.64	29.2	43.3	17.5	17	13.00	266
Q924749		0.83	1.895	3.20	7.03	1310	930	1.40	0.43	3.90	3.64	42.3	16.7	9	16.95	87.1
Q924750		2.68	0.005	0.86	7.54	15.1	1400	1.28	0.08	4.34	6.96	40.5	16.4	9	8.01	21.3
Q924751		<0.02	<0.005	0.89	7.54	15.3	1440	1.25	0.09	4.44	7.28	40.6	17.5	9	8.15	22.0
Q924752		3.82	0.014	0.25	7.74	37.5	1400	1.28	0.22	4.42	0.85	41.8	16.9	10	5.70	19.6
Q924753		3.13	0.027	2.30	7.46	168.5	850	1.44	0.05	3.40	4.18	40.8	18.0	8	24.1	19.5
Q924754		6.16	<0.005	0.01	0.08	1.1	20	0.05	0.03	19.40	0.07	1.07	0.7	1	0.18	1.6
Q924755		4.37	<0.005	0.23	7.80	23.4	1380	1.19	0.03	4.55	0.67	44.1	15.2	10	7.12	15.5
Q924756		1.47	0.120	2.03	7.85	451	1040	1.23	0.14	2.60	12.20	42.2	15.7	11	10.45	19.0
Q924757		4.47	0.007	0.29	7.89	28.1	1380	1.32	0.07	4.66	0.49	42.0	18.0	10	6.13	89.2
Q924758		7.88	0.006	0.22	7.84	20.7	1330	1.36	0.12	4.88	0.38	41.2	18.9	11	5.48	31.1
Q924759		4.36	0.019	1.28	8.21	41.4	1320	1.34	0.79	4.74	1.39	42.8	17.4	10	12.80	31.9
Q924760		3.51	0.019	0.23	7.25	45.2	2410	1.73	0.19	3.73	0.31	66.0	8.0	28	18.55	5.4
Q924761		6.23	0.031	0.48	7.00	78.0	800	1.77	0.09	3.29	0.12	60.1	7.6	26	16.40	4.3
Q924762		0.23	0.359	4.49	6.54	663	530	1.49	3.64	1.95	10.60	49.4	12.6	25	13.95	319
Q924763		6.60	0.027	0.23	6.84	47.8	650	1.79	0.13	3.28	0.14	56.1	7.0	24	15.65	3.1
Q924764		3.66	0.064	1.01	6.45	81.2	680	1.78	0.13	3.31	0.21	57.5	7.0	24	14.90	20.1
Q924765		3.88	0.014	0.23	6.66	48.4	610	1.82	0.18	3.20	0.09	57.7	7.3	26	17.35	7.3
Q924766		2.34	0.359	3.58	7.11	501	290	1.82	0.92	2.86	9.86	31.7	15.7	10	12.70	59.3
Q924767		3.42	0.014	0.63	7.01	32.8	1450	1.67	0.40	3.13	0.33	58.2	8.2	19	15.00	16.2
Q924768		2.15	0.072	1.73	6.74	352	420	1.69	0.26	3.84	3.31	45.2	10.1	15	14.90	20.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924733		6.22	23.5	0.16	0.9	0.064	1.59	22.1	16.4	2.24	1220	3.31	2.72	7.2	5.3	1430
Q924734		5.85	18.45	0.13	0.7	0.074	2.11	21.8	26.6	1.94	9340	2.85	0.57	6.0	3.0	1090
Q924735		5.49	19.45	0.15	0.7	0.081	1.68	20.7	9.9	1.84	1430	2.47	2.14	6.9	2.9	1160
Q924736		5.94	21.3	0.15	0.8	0.068	1.57	20.6	15.3	2.07	1330	4.35	2.55	7.3	3.6	1290
Q924737		5.81	21.4	0.14	0.6	0.056	1.44	18.2	10.0	2.01	1160	2.61	2.44	6.0	3.7	1320
Q924738		5.28	17.75	0.13	0.6	0.109	2.17	21.0	19.4	1.70	5160	2.48	0.08	4.6	3.3	1040
Q924739		0.50	0.30	0.24	<0.1	0.006	0.03	0.6	1.0	13.45	227	0.06	0.01	0.2	1.4	200
Q924740		5.77	21.0	0.13	0.7	0.060	1.58	20.6	8.4	2.02	1170	2.78	2.44	5.4	2.9	1290
Q924741		5.88	20.5	0.12	0.6	0.068	1.47	19.3	10.7	2.14	1160	3.61	2.44	5.3	3.2	1310
Q924742		5.89	20.8	0.13	0.6	0.065	1.45	19.8	11.1	2.19	1140	3.23	2.49	5.4	3.3	1330
Q924743		4.73	19.45	0.14	0.7	0.110	2.16	22.3	13.0	1.60	1100	2.21	2.22	7.9	3.3	1050
Q924744		5.52	20.0	0.17	0.7	0.072	1.91	21.5	16.1	2.00	1100	2.42	2.50	6.9	3.1	1220
Q924745		5.59	20.8	0.17	0.7	0.086	1.60	21.1	12.9	2.08	1090	2.44	2.43	7.6	3.3	1190
Q924746		5.47	20.3	0.15	0.7	0.062	1.47	18.1	14.9	1.95	1130	3.85	2.30	6.9	3.1	1200
Q924747		5.39	20.3	0.17	0.7	0.081	1.49	19.6	12.2	1.88	1240	2.35	2.15	6.9	3.0	1200
Q924748		6.00	14.05	0.12	1.0	0.729	2.54	23.5	18.7	0.69	1590	7.82	0.12	5.9	11.2	480
Q924749		5.42	17.50	0.15	0.6	0.107	1.80	20.9	15.6	1.58	2310	17.95	1.00	5.8	3.0	1010
Q924750		5.32	19.70	0.15	0.7	0.064	1.37	18.3	11.9	1.79	1040	2.26	2.17	6.0	2.9	1160
Q924751		5.38	20.1	0.16	0.7	0.065	1.39	18.2	12.3	1.82	1080	2.14	2.22	6.2	2.9	1180
Q924752		5.33	20.1	0.17	0.7	0.060	1.47	18.9	10.5	1.79	1100	2.04	2.28	6.5	2.9	1160
Q924753		4.85	19.00	0.18	0.7	0.064	2.08	19.5	83.4	1.63	3240	1.77	0.12	6.1	3.3	1070
Q924754		0.45	0.29	0.24	<0.1	0.005	0.03	0.5	1.1	11.55	205	0.10	0.01	0.2	1.3	170
Q924755		5.20	19.50	0.14	0.7	0.063	1.39	20.5	11.5	1.94	1180	2.07	2.21	6.3	2.7	1150
Q924756		5.54	20.8	0.14	0.7	0.270	1.28	19.4	28.8	1.29	1300	1.83	0.11	6.4	3.5	1160
Q924757		5.66	20.6	0.15	0.8	0.069	1.46	18.7	11.1	1.99	1120	2.26	2.19	6.6	3.0	1230
Q924758		5.68	21.4	0.14	0.7	0.073	1.31	19.1	15.9	2.06	1130	3.39	2.36	6.8	3.5	1270
Q924759		5.75	20.6	0.17	0.7	0.128	1.68	19.1	22.8	1.95	1520	2.49	1.95	5.9	3.7	1280
Q924760		2.88	18.20	0.23	2.6	0.038	2.89	35.0	27.6	1.39	1320	1.62	0.07	9.3	11.3	820
Q924761		2.50	17.75	0.25	2.5	0.029	2.83	31.3	31.8	1.17	827	1.85	0.05	9.3	10.9	810
Q924762		5.08	15.45	0.16	1.1	0.304	2.84	28.6	27.0	0.75	1860	15.00	0.14	6.2	14.6	500
Q924763		2.48	17.80	0.22	2.4	0.028	2.91	28.7	24.6	1.14	963	1.67	0.05	9.5	10.1	750
Q924764		2.46	17.00	0.23	2.5	0.026	2.84	29.1	19.7	1.08	1820	1.54	0.05	9.1	10.2	760
Q924765		2.34	17.70	0.23	2.6	0.030	2.97	29.0	18.8	1.10	1020	2.19	0.06	9.5	10.9	790
Q924766		5.98	20.6	0.16	0.7	0.302	3.49	13.6	8.8	1.11	3490	2.76	0.03	5.7	4.3	1180
Q924767		2.79	17.80	0.21	3.6	0.053	3.04	31.1	23.8	1.18	1520	1.89	0.06	8.6	6.4	940
Q924768		3.84	17.75	0.18	1.7	0.113	3.01	22.6	16.6	1.33	3160	2.63	0.03	7.1	5.0	820

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924733		14.7	37.9	<0.002	0.01	1.06	22.7	2	1.3	973	0.45	<0.05	6.0	0.541	0.47	2.4
Q924734		173.5	99.4	<0.002	1.43	21.0	19.0	1	2.5	415	0.38	<0.05	5.7	0.445	2.12	2.3
Q924735		81.8	54.0	<0.002	0.29	3.12	19.8	1	1.6	775	0.42	<0.05	5.6	0.497	0.54	1.7
Q924736		64.1	40.1	0.004	0.12	3.83	21.4	1	1.3	893	0.44	<0.05	5.5	0.547	0.48	1.9
Q924737		15.4	31.9	<0.002	0.04	1.54	20.5	1	1.0	900	0.37	<0.05	4.8	0.522	0.41	1.7
Q924738		173.5	113.5	0.002	1.66	28.3	17.5	1	2.3	202	0.28	<0.05	5.2	0.421	1.75	2.7
Q924739		1.6	1.2	<0.002	<0.01	0.06	0.2	<1	<0.2	51.7	<0.05	<0.05	<0.2	0.005	<0.02	0.6
Q924740		27.9	41.8	<0.002	0.03	1.27	20.9	1	1.1	844	0.33	<0.05	5.3	0.542	0.42	1.8
Q924741		13.4	33.7	0.004	0.04	0.92	21.0	1	1.1	860	0.36	<0.05	3.9	0.558	0.40	1.3
Q924742		13.3	33.2	0.003	0.03	0.91	22.4	1	1.1	866	0.35	<0.05	4.3	0.557	0.39	1.4
Q924743		145.5	63.3	<0.002	0.31	3.30	16.7	1	1.5	677	0.50	<0.05	7.3	0.448	0.72	2.4
Q924744		36.3	51.8	<0.002	0.08	0.94	20.3	1	1.7	902	0.41	<0.05	5.4	0.509	0.64	1.7
Q924745		22.5	45.1	<0.002	0.08	0.89	21.3	1	1.6	850	0.43	<0.05	4.7	0.535	0.47	1.7
Q924746		103.0	32.1	0.003	0.04	0.93	19.8	1	1.2	805	0.42	<0.05	3.7	0.511	0.39	1.4
Q924747		191.0	44.4	<0.002	0.21	2.44	20.8	1	1.5	781	0.40	<0.05	4.1	0.508	0.44	1.4
Q924748		1160	156.5	<0.002	4.19	58.0	8.8	2	7.2	90.7	0.49	0.99	11.5	0.187	2.28	5.1
Q924749		160.5	77.3	0.011	1.59	16.35	17.3	1	4.3	474	0.34	<0.05	4.0	0.421	1.10	2.8
Q924750		275	35.5	<0.002	0.08	2.07	20.1	1	1.1	804	0.34	<0.05	4.2	0.484	0.36	1.4
Q924751		311	33.3	<0.002	0.08	2.12	20.8	1	1.2	822	0.37	<0.05	4.0	0.494	0.35	1.4
Q924752		44.7	37.0	<0.002	0.06	1.44	20.0	1	1.3	799	0.38	<0.05	4.4	0.499	0.35	1.5
Q924753		512	88.3	0.002	0.63	14.55	18.4	1	2.1	247	0.36	<0.05	4.4	0.434	1.95	2.5
Q924754		2.3	1.2	<0.002	<0.01	0.07	0.2	1	<0.2	45.3	<0.05	<0.05	<0.2	0.005	<0.02	0.6
Q924755		32.6	39.9	<0.002	0.05	2.38	18.5	1	1.4	821	0.37	<0.05	4.5	0.483	0.38	1.3
Q924756		480	35.5	<0.002	0.71	24.7	20.1	1	2.1	207	0.38	<0.05	4.3	0.498	0.51	1.8
Q924757		32.8	37.1	0.002	0.04	2.38	20.6	1	1.3	810	0.40	<0.05	4.3	0.520	0.44	1.4
Q924758		24.1	29.4	0.004	0.08	1.67	21.3	1	1.6	903	0.39	<0.05	4.1	0.514	0.42	1.4
Q924759		118.5	53.1	<0.002	0.39	7.78	20.1	1	2.0	840	0.36	0.42	4.1	0.491	0.93	1.7
Q924760		18.7	144.5	0.002	0.33	16.95	7.5	1	1.5	377	0.70	<0.05	11.3	0.253	2.60	5.8
Q924761		30.9	121.5	<0.002	0.43	12.60	7.1	1	1.4	372	0.69	<0.05	10.5	0.246	2.54	5.5
Q924762		459	170.0	0.004	2.58	26.8	9.6	1	5.5	110.0	0.51	0.37	12.2	0.206	2.31	5.2
Q924763		23.7	117.0	<0.002	0.42	15.30	6.7	1	1.4	292	0.74	<0.05	10.1	0.237	2.60	5.4
Q924764		67.2	123.5	<0.002	0.48	17.55	7.0	1	1.4	300	0.70	<0.05	9.9	0.238	2.76	5.0
Q924765		10.6	123.5	<0.002	0.34	13.40	7.2	1	1.5	288	0.70	<0.05	9.8	0.243	2.99	5.0
Q924766		358	165.0	<0.002	5.01	23.6	18.3	1	9.0	157.5	0.35	<0.05	3.4	0.442	2.83	2.1
Q924767		24.3	150.0	<0.002	0.35	12.15	8.9	1	1.4	215	0.58	<0.05	9.3	0.294	2.89	5.7
Q924768		165.5	173.5	<0.002	1.76	18.15	11.9	1	2.7	213	0.50	<0.05	6.6	0.317	2.91	3.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101247

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924733		186	0.9	23.2	106	21.3
Q924734		155	3.7	20.1	836	15.6
Q924735		168	0.7	20.8	184	16.3
Q924736		186	0.7	21.9	168	17.0
Q924737		181	0.6	19.5	102	15.6
Q924738		149	3.1	18.5	392	13.5
Q924739		3	0.1	0.8	15	<0.5
Q924740		178	1.0	21.9	122	16.9
Q924741		183	0.8	20.1	99	15.5
Q924742		184	0.8	21.3	100	15.6
Q924743		139	0.7	19.4	248	15.3
Q924744		166	0.6	21.5	126	15.7
Q924745		176	0.6	22.4	121	16.6
Q924746		172	0.5	19.7	124	15.5
Q924747		165	0.6	20.3	154	15.8
Q924748		57	5.5	11.3	2120	28.4
Q924749		140	1.3	19.0	395	16.4
Q924750		163	0.5	19.4	501	19.7
Q924751		160	0.5	19.8	524	16.9
Q924752		168	0.4	20.3	130	18.7
Q924753		156	3.2	18.7	375	17.2
Q924754		3	0.1	0.8	13	<0.5
Q924755		165	0.5	20.2	127	17.2
Q924756		170	1.4	19.4	851	19.1
Q924757		176	0.5	20.6	118	19.7
Q924758		184	0.5	21.0	107	16.6
Q924759		177	1.0	19.3	178	16.8
Q924760		63	2.3	14.0	81	95.3
Q924761		59	2.6	12.9	72	90.8
Q924762		64	5.5	12.4	859	30.8
Q924763		56	2.3	12.4	56	80.8
Q924764		56	3.3	12.4	59	91.0
Q924765		57	2.0	12.6	50	95.0
Q924766		161	7.0	14.7	832	22.4
Q924767		71	1.4	14.3	50	150.0
Q924768		97	4.1	15.1	256	65.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101247

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

CERTIFICATE WH14101248

Project: KLAZA

P.O. No.: BATCH 37

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101248

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924306		7.21	<0.005	0.26	6.74	23.3	1610	1.63	0.25	2.18	0.47	48.6	8.6	9	22.2	21.5
Q924307		5.00	<0.005	0.27	7.20	60.2	1080	1.70	0.20	1.98	0.70	43.9	7.0	10	20.5	17.8
Q924308		4.86	0.008	0.61	6.86	205	1630	1.89	0.42	1.59	1.32	44.9	8.6	10	24.5	15.0
Q924309		7.85	<0.005	0.15	7.05	14.2	1810	1.69	0.14	1.61	0.15	39.0	7.5	9	28.3	15.7
Q924310		3.99	<0.005	0.17	7.04	17.8	1810	1.69	0.12	1.67	0.16	40.1	6.9	9	25.4	26.3
Q924311		4.60	0.260	2.25	6.60	497	1060	1.76	0.15	2.43	5.11	45.9	8.7	11	19.45	18.3
Q924312		6.84	<0.005	0.11	6.84	10.6	2140	1.59	0.15	2.67	0.10	42.2	8.1	12	21.8	11.5
Q924313		4.58	0.152	3.63	6.45	601	1280	1.55	0.12	2.77	4.10	37.4	8.9	15	15.85	69.6
Q924314		2.40	<0.005	0.11	6.89	5.4	2170	1.58	0.13	2.61	0.14	44.9	8.2	13	9.93	7.3
Q924315		3.83	<0.005	0.08	6.68	4.5	1910	1.66	0.21	2.53	0.08	45.5	7.8	10	9.11	5.7
Q924316		7.54	<0.005	0.16	5.80	16.4	1640	1.47	0.39	2.74	0.16	31.2	7.8	9	14.80	7.7
Q924317		0.25	0.366	4.17	6.43	663	620	1.46	3.73	1.91	10.30	48.3	12.3	23	13.95	308
Q924318		4.84	0.009	0.48	6.16	52.2	790	1.43	0.14	3.87	1.05	40.1	7.5	7	17.20	8.9
Q924319		4.26	0.005	0.17	6.89	25.2	1690	1.55	0.12	2.70	1.74	45.3	7.8	10	11.95	10.2
Q924320		3.71	<0.005	0.22	6.90	9.5	1850	1.47	0.11	3.03	0.33	45.8	9.2	11	15.80	9.3
Q924321		6.04	<0.005	0.23	6.94	14.9	2000	1.50	0.18	2.66	0.99	51.1	7.9	10	10.00	10.7
Q924322		5.05	<0.005	0.49	6.39	11.5	1820	1.35	0.45	2.79	1.19	41.0	6.8	9	15.00	7.4
Q924323		2.16	<0.005	0.01	0.06	<0.2	30	<0.05	0.02	19.75	0.08	1.26	0.6	1	0.13	1.3
Q924324		2.17	0.006	0.23	6.78	119.5	1400	1.41	0.28	2.78	1.52	44.8	7.7	8	14.70	4.1
Q924325		5.02	<0.005	0.10	6.44	12.6	1340	1.44	0.18	3.08	0.08	40.2	7.3	10	13.65	4.5
Q924326		4.39	<0.005	0.05	6.54	8.0	1380	1.56	0.19	3.06	0.05	38.9	6.7	10	13.80	5.1
Q924327		10.02	<0.005	0.14	6.53	43.0	1600	1.36	0.19	3.32	0.13	43.7	7.0	8	16.55	7.0
Q924328		6.26	<0.005	0.07	7.06	10.8	1890	1.62	0.24	2.68	0.08	44.7	8.1	10	20.3	7.8
Q924329		6.42	0.014	0.24	6.66	127.5	1190	1.40	0.43	2.85	0.28	50.6	7.3	8	20.3	5.7
Q924330		<0.02	0.015	0.25	6.72	141.0	1220	1.38	0.28	2.81	0.20	50.4	7.6	9	20.7	5.2
Q924331		4.25	<0.005	0.08	6.99	15.0	1770	1.29	0.18	2.57	0.11	41.6	6.5	11	14.65	6.1
Q924332		4.01	<0.005	0.15	7.06	43.7	780	1.39	0.23	3.05	0.32	53.9	6.6	9	14.05	3.9
Q924333		0.28	0.876	11.45	5.85	1475	100	1.39	12.05	1.79	32.5	40.0	17.1	19	12.80	274
Q924334		7.05	0.178	4.41	5.39	280	100	1.20	0.64	3.54	8.99	37.5	11.2	6	15.45	83.0
Q924335		10.68	0.008	0.22	6.67	66.5	1360	1.46	0.35	3.26	0.29	47.7	7.5	8	22.9	9.4
Q924336		10.07	<0.005	0.05	7.01	4.1	2080	1.42	0.19	2.70	0.08	44.5	7.4	12	11.55	6.5
Q924337		4.93	0.009	0.83	6.92	55.3	1760	1.37	0.36	3.37	3.07	52.0	7.7	8	25.1	39.6
Q924338		4.67	0.037	5.43	7.07	154.5	490	1.53	8.49	2.88	11.45	51.2	7.5	9	29.7	115.0
Q924339		1.46	<0.005	0.01	0.07	0.4	30	0.05	0.04	20.2	0.09	1.30	0.6	1	0.29	1.4
Q924340		9.58	<0.005	0.08	6.77	5.3	2040	1.39	0.26	2.91	0.12	43.0	7.8	13	9.71	7.6
Q924341		12.79	0.006	0.10	6.97	8.7	2070	1.33	0.24	2.99	0.11	47.9	7.9	13	13.40	6.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924306		3.22	15.70	0.19	1.1	0.055	2.55	26.1	56.1	0.86	1680	1.40	0.03	7.7	3.1	530
Q924307		2.95	17.40	0.19	1.3	0.045	2.19	21.6	159.0	0.70	1890	0.64	0.03	8.7	2.6	620
Q924308		2.77	16.65	0.18	1.2	0.077	3.34	23.3	12.7	0.63	2980	2.01	0.04	7.8	2.5	570
Q924309		3.02	17.25	0.18	1.2	0.050	2.66	18.8	135.0	0.65	1440	0.82	0.05	8.3	2.5	590
Q924310		2.97	17.25	0.20	1.2	0.048	2.65	19.6	135.5	0.64	1460	0.90	0.05	8.3	2.4	600
Q924311		3.33	16.15	0.20	1.0	0.058	2.83	24.5	42.8	0.78	7390	1.74	0.05	7.5	2.9	560
Q924312		2.96	16.75	0.25	1.2	0.041	2.68	20.4	15.9	0.76	843	0.80	1.80	8.0	2.7	580
Q924313		3.09	15.95	0.22	1.1	0.064	3.09	18.7	23.6	0.67	3020	2.65	0.54	7.5	3.7	550
Q924314		2.90	16.95	0.25	1.3	0.039	2.50	22.5	11.4	0.79	695	0.96	2.15	7.8	2.7	590
Q924315		2.79	16.10	0.25	1.2	0.039	2.34	22.5	9.3	0.51	795	0.99	2.03	8.1	2.6	580
Q924316		3.09	15.60	0.23	1.3	0.072	2.61	14.6	23.2	0.24	1270	1.36	0.28	8.1	2.6	540
Q924317		5.01	15.50	0.17	1.1	0.307	2.80	27.7	28.2	0.74	1810	14.45	0.14	6.1	14.5	490
Q924318		3.62	14.50	0.20	1.0	0.078	2.52	21.2	37.1	0.69	2740	1.70	0.03	6.8	2.7	500
Q924319		2.87	16.40	0.10	1.2	0.063	2.63	20.3	25.7	0.64	1330	0.78	1.37	8.0	3.3	590
Q924320		3.42	16.55	0.12	1.3	0.073	2.50	20.6	12.7	0.81	1480	0.84	1.77	7.5	2.8	660
Q924321		2.93	16.50	0.10	1.3	0.053	2.66	23.6	14.7	0.73	1220	0.78	1.94	8.2	2.7	600
Q924322		2.68	15.70	0.11	1.2	0.061	2.91	18.5	11.7	0.46	1520	1.04	1.32	7.6	2.4	550
Q924323		0.43	0.18	0.15	<0.1	<0.005	0.02	0.6	1.0	12.00	199	0.10	0.01	0.1	1.3	180
Q924324		3.01	16.30	0.14	1.3	0.089	3.70	21.2	16.6	0.79	2790	1.69	0.23	7.8	2.4	560
Q924325		2.65	15.85	0.10	1.3	0.036	2.57	17.9	26.7	0.74	926	0.73	0.84	8.1	2.8	560
Q924326		2.59	15.70	0.09	1.4	0.034	2.78	17.2	22.0	0.67	838	0.70	0.92	8.1	2.4	590
Q924327		2.65	15.25	0.12	1.2	0.035	2.60	20.6	38.4	0.83	1040	1.10	0.56	7.6	2.5	550
Q924328		3.02	16.75	0.10	1.4	0.044	2.70	20.6	13.0	0.75	745	1.75	1.56	8.1	3.0	600
Q924329		3.12	16.15	0.12	1.3	0.063	2.83	24.8	40.0	0.96	1520	2.58	0.25	7.7	2.5	530
Q924330		3.17	16.15	0.12	1.3	0.058	2.85	24.7	40.1	0.97	1500	3.22	0.25	7.9	2.7	550
Q924331		2.98	14.35	0.08	1.1	0.037	2.65	18.9	9.6	0.73	907	3.12	1.82	7.0	2.3	590
Q924332		2.69	15.60	0.09	1.2	0.058	2.63	27.2	36.5	1.00	1710	0.75	0.09	7.6	2.2	580
Q924333		5.95	15.45	0.08	1.1	0.784	2.65	18.2	18.3	0.71	1820	9.21	0.12	6.3	12.4	490
Q924334		4.85	12.50	0.10	0.9	0.090	2.28	18.4	22.7	1.10	5910	1.47	0.03	5.7	3.0	420
Q924335		2.90	16.35	0.09	1.3	0.046	2.69	22.3	25.4	0.86	1720	0.49	0.20	8.1	2.8	580
Q924336		2.87	16.25	0.10	1.0	0.032	2.50	20.4	12.0	0.77	734	1.51	1.95	7.9	2.8	570
Q924337		3.21	15.35	0.11	1.1	0.053	2.68	26.9	62.5	1.05	2520	2.23	0.45	7.2	2.7	530
Q924338		2.94	16.50	0.10	1.1	0.060	2.41	26.0	101.5	1.01	3630	2.39	0.03	7.7	2.7	550
Q924339		0.46	0.23	0.12	<0.1	<0.005	0.03	0.6	1.3	12.30	225	0.55	0.01	0.2	1.6	180
Q924340		2.82	16.55	0.11	1.1	0.039	2.46	19.6	17.8	0.83	817	3.49	1.95	7.9	2.8	560
Q924341		2.95	16.40	0.11	1.1	0.052	2.53	22.8	14.6	0.82	931	2.62	1.64	7.7	2.9	560

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924306		19.8	145.0	<0.002	0.23	25.0	11.6	1	1.5	129.5	0.70	<0.05	13.0	0.238	2.32	6.6
Q924307		35.0	91.2	<0.002	0.18	19.90	11.9	1	1.6	211	0.77	<0.05	13.1	0.274	1.96	4.0
Q924308		114.5	173.0	<0.002	0.47	21.7	11.4	1	1.6	56.7	0.67	<0.05	13.5	0.253	2.89	5.7
Q924309		18.5	115.0	<0.002	0.10	14.60	11.2	1	1.6	140.5	0.75	<0.05	12.5	0.259	1.76	3.5
Q924310		21.8	109.0	<0.002	0.10	16.00	11.4	1	2.0	141.0	0.73	<0.05	12.2	0.266	1.78	3.1
Q924311		241	171.5	<0.002	1.36	21.6	11.5	1	1.8	160.5	0.63	<0.05	13.2	0.243	2.56	6.3
Q924312		19.8	103.5	<0.002	0.03	3.14	11.5	1	1.5	371	0.66	<0.05	12.4	0.260	1.34	4.2
Q924313		140.5	141.0	<0.002	0.65	24.7	10.8	1	1.6	179.0	0.63	<0.05	11.3	0.244	1.97	4.6
Q924314		23.7	87.3	<0.002	0.01	1.68	11.2	1	1.3	400	0.64	<0.05	12.3	0.256	0.96	3.9
Q924315		17.3	95.9	<0.002	0.01	2.35	11.1	1	1.7	305	0.67	<0.05	13.6	0.249	1.07	2.5
Q924316		19.0	121.0	<0.002	0.09	13.50	9.5	1	1.8	101.0	0.78	<0.05	9.5	0.239	1.74	3.0
Q924317		462	169.0	0.004	2.55	26.6	9.5	1	5.4	108.5	0.52	0.30	12.4	0.201	2.35	5.3
Q924318		151.5	147.0	<0.002	0.14	22.4	9.9	1	1.5	89.8	0.61	<0.05	11.2	0.223	2.16	4.6
Q924319		53.0	109.0	<0.002	0.10	8.11	10.2	1	1.6	258	0.71	<0.05	11.4	0.248	1.57	2.6
Q924320		40.6	112.0	<0.002	0.07	5.19	13.3	1	1.7	306	0.64	<0.05	9.9	0.291	1.41	2.2
Q924321		54.5	108.0	<0.002	0.02	7.93	10.8	1	1.6	325	0.77	<0.05	14.0	0.256	1.27	2.6
Q924322		144.0	127.5	<0.002	0.09	11.80	9.5	1	1.6	237	0.68	<0.05	10.9	0.242	1.72	2.5
Q924323		1.5	1.0	<0.002	<0.01	0.07	0.1	<1	<0.2	43.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q924324		47.6	204	<0.002	0.31	10.35	10.3	1	1.5	83.2	0.66	<0.05	12.3	0.244	2.95	5.8
Q924325		12.5	105.0	<0.002	0.13	7.45	10.4	1	1.6	148.0	0.71	<0.05	10.3	0.250	1.90	8.3
Q924326		13.7	109.0	<0.002	0.07	6.64	10.0	<1	1.6	182.5	0.70	<0.05	10.1	0.253	1.66	3.5
Q924327		17.4	101.0	<0.002	0.08	9.92	9.9	1	1.5	162.5	0.68	<0.05	11.3	0.242	1.57	3.3
Q924328		18.0	118.0	<0.002	0.05	5.52	11.5	1	1.6	265	0.68	<0.05	11.7	0.259	1.46	4.2
Q924329		20.7	136.5	<0.002	0.18	11.60	10.8	1	2.1	118.5	0.68	<0.05	13.0	0.235	2.07	5.6
Q924330		23.2	134.5	<0.002	0.18	11.70	10.9	1	2.2	118.5	0.71	<0.05	13.2	0.235	2.15	5.8
Q924331		23.6	91.3	<0.002	0.03	3.40	9.5	1	1.7	308	0.58	<0.05	10.2	0.252	1.21	3.1
Q924332		24.5	137.0	<0.002	0.15	10.05	10.7	1	1.6	148.5	0.63	<0.05	13.1	0.248	1.88	4.9
Q924333		1200	140.5	0.002	4.35	62.5	8.7	2	7.8	90.4	0.53	1.32	9.8	0.192	2.55	5.0
Q924334		555	153.5	<0.002	3.08	42.7	8.5	<1	3.0	128.5	0.46	<0.05	10.5	0.184	2.00	6.8
Q924335		24.4	116.0	<0.002	0.34	12.00	10.8	1	2.2	129.0	0.70	<0.05	12.4	0.244	2.05	5.4
Q924336		18.9	92.3	<0.002	0.01	3.15	10.4	1	1.6	332	0.64	<0.05	11.5	0.251	1.14	4.8
Q924337		67.4	138.0	<0.002	0.33	19.35	10.3	1	1.7	171.5	0.61	<0.05	13.2	0.231	2.08	4.4
Q924338		380	140.5	<0.002	0.52	53.0	11.2	1	2.4	135.0	0.62	0.07	12.6	0.252	2.85	5.1
Q924339		2.0	1.6	<0.002	<0.01	0.12	0.1	<1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q924340		18.0	92.5	<0.002	0.02	2.36	10.2	1	1.5	350	0.61	<0.05	10.3	0.240	1.19	2.7
Q924341		19.1	107.0	<0.002	0.05	3.12	10.5	1	1.7	319	0.63	<0.05	12.0	0.247	1.28	3.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101248

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924306		71	2.2	15.5	90	28.2
Q924307		76	3.9	17.9	111	33.3
Q924308		72	2.8	13.5	141	29.2
Q924309		76	3.3	14.1	63	29.1
Q924310		77	3.5	14.4	65	29.6
Q924311		71	3.6	15.0	408	26.1
Q924312		74	1.9	15.5	57	30.3
Q924313		71	2.8	14.1	384	26.9
Q924314		72	1.9	16.2	59	30.4
Q924315		70	1.4	14.8	50	31.3
Q924316		73	3.5	12.9	61	30.3
Q924317		63	5.5	12.5	836	32.4
Q924318		71	2.0	14.9	153	27.3
Q924319		75	1.7	14.6	192	28.4
Q924320		99	2.6	15.6	105	30.9
Q924321		79	1.7	15.4	155	32.7
Q924322		74	1.4	12.6	150	29.8
Q924323		2	0.1	0.7	12	<0.5
Q924324		72	2.9	14.5	159	32.1
Q924325		78	2.2	11.4	54	31.5
Q924326		76	5.6	11.6	47	31.9
Q924327		71	2.7	13.9	49	30.7
Q924328		81	3.0	14.4	56	31.5
Q924329		74	4.2	15.8	86	29.7
Q924330		75	4.3	16.1	80	30.8
Q924331		76	1.5	13.0	75	25.5
Q924332		74	2.9	16.0	77	28.7
Q924333		61	5.9	10.5	2390	28.8
Q924334		56	4.6	11.2	702	22.8
Q924335		72	3.8	14.1	87	29.4
Q924336		75	1.1	15.0	57	24.7
Q924337		69	2.7	16.5	311	25.8
Q924338		74	6.7	16.6	1020	26.5
Q924339		2	0.1	0.8	15	<0.5
Q924340		72	1.2	15.0	52	25.9
Q924341		71	1.9	15.6	53	26.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 20-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14101248

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104127

Project: KLAZA

P.O. No.: BATCH 42

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

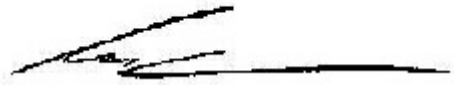
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104127

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924378		5.78	<0.005	0.13	7.33	13.3	1670	1.53	1.11	2.18	0.14	37.1	7.2	10	22.7	10.3
Q924379		6.63	<0.005	0.07	7.49	6.9	2000	1.80	0.52	3.06	0.07	46.0	7.7	12	18.25	10.8
Q924380		9.36	0.005	0.23	7.36	74.3	2170	1.58	0.44	2.99	0.13	49.8	7.8	11	20.7	7.9
Q924381		4.71	<0.005	0.57	7.59	28.5	1960	1.72	4.09	2.37	0.11	50.9	7.7	11	18.75	16.0
Q924382		0.27	0.854	11.55	6.57	1645	130	1.54	12.55	1.90	32.8	45.3	17.9	20	14.00	284
Q924383		3.83	<0.005	0.20	6.60	18.2	1440	1.45	0.39	3.08	0.20	43.6	7.1	7	18.30	10.3
Q924384		8.57	<0.005	0.11	8.10	6.6	2060	1.54	0.41	2.36	0.11	53.0	9.0	13	20.5	15.7
Q924385		7.04	<0.005	0.10	7.29	5.5	2130	1.65	0.37	2.97	0.09	47.5	8.0	13	13.75	23.6
Q924386		6.78	<0.005	0.06	7.18	6.4	2150	1.70	0.23	2.92	0.07	42.5	7.8	10	14.75	6.8
Q924387		4.96	0.005	0.32	7.60	149.5	1590	1.48	0.45	2.07	0.15	49.3	8.7	10	23.0	9.6
Q924388		2.16	0.008	0.36	7.05	154.0	1340	1.53	0.33	2.11	0.14	40.0	8.1	8	24.9	10.5
Q924389		7.26	<0.005	0.08	7.53	6.2	2270	1.66	0.33	2.56	0.11	43.0	7.5	10	21.7	5.9
Q924390		3.24	0.131	4.41	6.63	1830	920	1.51	1.33	2.73	8.14	46.2	9.9	10	16.65	12.1
Q924391		3.14	<0.005	0.01	0.07	2.1	30	0.06	0.02	21.7	0.08	1.15	0.7	<1	0.17	1.7
Q924392		3.94	<0.005	0.10	7.95	12.4	1990	1.29	0.30	1.85	0.13	41.6	7.1	13	22.8	7.3
Q924393		3.75	0.007	0.57	6.86	156.0	3400	1.45	0.38	3.28	0.56	50.4	8.3	9	23.7	6.2
Q924394		4.13	<0.005	0.09	7.28	10.3	1940	1.44	0.68	2.46	0.16	43.0	7.9	11	24.6	8.1
Q924395		4.77	<0.005	0.14	7.01	13.5	1840	1.60	0.80	2.91	0.32	47.8	7.4	9	26.8	11.9
Q924396		3.89	<0.005	0.08	7.47	9.4	1850	1.46	0.39	1.99	0.12	42.0	7.8	9	35.9	7.7
Q924397		6.81	<0.005	0.12	7.15	15.8	1270	1.35	0.34	3.32	0.18	46.4	8.2	10	18.85	14.6
Q924398		<0.02	<0.005	0.13	7.18	15.8	1270	1.45	0.36	3.21	0.17	47.0	8.6	10	19.20	15.6
Q924399		3.66	<0.005	0.13	7.72	7.0	1990	1.69	0.58	1.98	0.09	43.1	9.2	13	31.3	10.3
Q924400		7.99	<0.005	0.09	7.26	6.6	2200	1.50	0.44	2.82	0.13	39.1	7.9	12	25.5	10.9
Q924401		5.38	<0.005	0.28	7.03	67.6	2670	1.49	0.93	3.73	0.15	47.3	8.2	10	22.1	14.7
Q924402		9.99	<0.005	0.09	7.64	5.4	2320	1.62	0.32	2.68	0.10	46.9	8.3	11	16.20	11.7
Q924403		2.96	<0.005	0.09	7.81	18.5	2250	1.52	0.12	2.16	0.85	37.4	7.9	11	9.70	9.4
Q924404		4.13	<0.005	0.08	7.35	12.1	1930	1.33	0.09	2.02	0.35	41.9	6.1	10	11.40	9.6
Q924405		4.87	<0.005	0.17	7.63	30.7	2010	1.23	0.14	1.54	0.86	38.8	8.2	9	13.10	13.2
Q924406		6.25	<0.005	0.06	7.74	5.8	2150	1.78	0.11	1.72	0.18	42.6	8.5	9	13.55	6.1
Q924407		4.19	0.006	0.37	7.20	55.9	2610	1.39	0.11	3.02	4.08	44.5	8.5	9	13.40	18.9
Q924408		9.96	0.012	0.42	7.30	23.1	2090	1.65	0.40	2.43	1.64	43.7	7.8	10	13.75	13.4
Q924409		0.23	0.357	4.37	6.85	753	350	1.52	3.78	2.12	11.55	50.5	13.3	27	14.35	316
Q924410		4.88	0.019	0.60	7.42	26.2	2210	1.58	0.12	2.68	0.39	43.3	8.2	10	12.15	10.7
Q924411		2.73	<0.005	0.01	0.05	0.7	60	0.05	0.02	21.1	0.07	1.11	0.7	<1	0.12	1.7
Q924412		4.86	0.010	0.11	7.74	8.8	2000	1.19	0.18	1.67	0.23	48.9	7.1	10	15.00	15.4
Q924413		1.68	0.473	>100	4.78	2920	70	0.93	18.60	3.05	401	34.8	6.6	7	12.15	380

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104127

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924378		2.77	16.95	0.09	1.2	0.042	2.76	17.6	90.2	0.70	687	0.75	0.11	8.4	2.8	660
Q924379		3.42	16.85	0.12	1.2	0.044	2.82	23.0	38.0	0.82	666	0.92	1.20	8.2	3.6	660
Q924380		3.32	16.15	0.12	1.3	0.041	2.96	26.0	61.4	1.00	997	0.79	0.63	7.8	2.8	640
Q924381		3.22	17.40	0.14	1.3	0.037	3.13	25.8	45.3	0.73	697	1.18	0.37	8.6	2.7	660
Q924382		6.65	16.10	0.11	1.1	0.800	2.88	23.6	21.3	0.77	1830	9.10	0.13	6.7	12.3	550
Q924383		2.63	14.70	0.10	1.0	0.043	2.64	23.3	67.4	0.72	1100	0.97	0.05	7.1	2.6	540
Q924384		3.39	17.65	0.12	1.4	0.052	2.70	26.7	37.3	0.87	701	1.36	1.15	9.3	3.6	750
Q924385		3.20	16.70	0.10	1.4	0.037	2.63	23.2	14.6	0.89	717	1.52	2.25	8.7	3.5	650
Q924386		3.14	16.40	0.12	1.2	0.035	2.67	20.9	11.5	0.80	677	0.97	2.08	8.5	2.9	620
Q924387		2.70	17.40	0.11	1.2	0.043	2.87	24.9	74.3	0.69	801	0.88	0.11	8.8	3.0	680
Q924388		2.83	16.70	0.11	1.1	0.037	2.84	19.1	89.0	0.69	867	1.05	0.08	8.6	3.0	670
Q924389		3.23	16.55	0.11	1.1	0.039	2.84	21.6	32.1	0.78	643	0.83	1.66	8.4	2.6	630
Q924390		4.01	15.70	0.10	0.9	0.069	3.19	24.3	20.6	0.88	4350	1.53	0.05	7.2	3.2	540
Q924391		0.53	0.20	0.19	<0.1	0.006	0.03	0.6	1.3	13.50	231	0.20	<0.01	0.2	1.7	190
Q924392		3.18	16.40	0.15	1.0	0.050	2.95	20.3	37.7	0.66	784	0.72	0.34	8.3	2.8	670
Q924393		3.18	14.70	0.11	0.9	0.059	2.87	28.3	29.3	1.13	2240	1.71	0.05	6.9	3.0	550
Q924394		3.30	16.70	0.11	1.1	0.052	2.80	21.3	150.5	0.91	991	0.56	0.11	8.2	2.8	630
Q924395		3.09	15.40	0.12	1.0	0.053	2.30	25.5	142.0	0.98	1240	0.61	0.03	7.8	2.8	590
Q924396		3.35	17.70	0.10	1.1	0.039	3.00	20.5	80.6	0.74	549	0.68	0.12	8.4	2.9	660
Q924397		2.97	16.10	0.12	1.0	0.045	2.44	24.3	71.2	1.00	1080	0.71	0.06	7.7	2.8	610
Q924398		2.97	16.15	0.12	1.0	0.046	2.46	24.8	72.3	0.99	1080	0.81	0.06	7.7	3.0	620
Q924399		3.45	17.60	0.10	1.2	0.041	2.59	20.5	30.9	0.75	549	0.78	1.01	9.8	3.5	780
Q924400		3.24	16.60	0.10	1.0	0.038	2.64	19.1	18.8	0.82	689	0.64	1.85	8.0	3.0	640
Q924401		2.98	15.95	0.12	0.9	0.040	2.65	24.5	37.0	0.97	863	0.72	0.40	7.6	2.7	600
Q924402		3.27	17.35	0.11	1.1	0.046	2.76	23.4	19.3	0.88	743	0.71	1.93	8.6	3.1	680
Q924403		3.40	18.45	0.11	1.3	0.045	2.81	17.4	28.6	0.60	665	1.02	0.49	9.3	3.1	680
Q924404		2.89	17.10	0.10	1.3	0.067	2.91	20.6	28.2	0.51	1070	1.01	0.16	8.8	2.6	650
Q924405		3.00	15.80	0.09	1.1	0.044	2.98	18.6	34.7	0.58	1000	1.52	0.17	8.2	3.0	630
Q924406		3.66	17.30	0.12	1.4	0.041	2.86	21.0	28.4	0.87	573	1.51	0.93	9.3	3.3	650
Q924407		3.38	16.50	0.13	1.2	0.062	3.28	22.1	31.0	0.57	2000	1.05	0.23	8.1	3.1	610
Q924408		3.02	16.45	0.10	1.4	0.059	2.97	21.6	19.9	0.68	1000	1.59	1.63	8.2	2.9	570
Q924409		5.21	16.70	0.12	1.2	0.327	3.08	27.6	30.2	0.80	1940	16.15	0.16	6.7	15.5	550
Q924410		3.15	16.85	0.11	1.2	0.046	3.00	20.9	13.3	0.77	1630	1.44	2.07	8.2	2.8	620
Q924411		0.48	0.20	0.21	<0.1	0.006	0.02	0.6	1.0	13.05	203	0.12	0.01	0.1	1.5	200
Q924412		2.90	17.10	0.14	1.2	0.055	2.85	25.0	39.7	0.54	858	0.91	0.51	8.4	2.4	630
Q924413		6.30	10.80	0.09	0.7	2.38	2.19	16.8	17.5	1.11	5040	1.14	0.03	4.7	2.5	370

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104127

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924378		16.9	88.9	<0.002	0.07	11.65	10.9	1	2.3	143.5	0.69	<0.05	10.9	0.293	1.52	3.0
Q924379		16.5	106.0	<0.002	0.04	4.93	11.6	1	2.3	266	0.65	<0.05	12.0	0.287	1.29	4.6
Q924380		17.3	115.0	<0.002	0.12	10.55	11.3	1	2.1	213	0.64	<0.05	12.9	0.276	1.66	4.8
Q924381		18.4	116.0	<0.002	0.06	8.74	11.3	1	2.3	181.0	0.73	0.05	13.9	0.281	1.70	3.0
Q924382		1340	161.0	<0.002	4.70	66.8	9.4	2	8.0	96.6	0.54	1.05	10.8	0.212	2.54	5.3
Q924383		18.7	122.0	<0.002	0.16	29.0	9.7	1	1.7	119.5	0.63	<0.05	11.8	0.233	1.74	3.3
Q924384		21.2	112.5	<0.002	0.02	9.85	13.3	<1	2.4	266	0.81	<0.05	13.9	0.310	1.18	3.9
Q924385		20.1	90.5	<0.002	0.01	2.06	11.4	1	4.0	409	0.77	<0.05	12.0	0.284	1.10	5.4
Q924386		17.3	99.2	<0.002	0.02	2.64	10.8	1	2.0	366	0.80	<0.05	11.7	0.272	1.22	4.7
Q924387		21.2	107.0	<0.002	0.14	15.85	11.6	1	2.4	144.5	0.70	<0.05	11.8	0.285	1.88	5.0
Q924388		23.7	92.5	<0.002	0.21	17.55	11.0	1	2.4	140.5	0.71	<0.05	10.4	0.294	1.86	4.6
Q924389		18.8	107.5	<0.002	0.02	4.62	10.9	1	1.9	335	0.72	<0.05	11.1	0.276	1.27	3.7
Q924390		476	188.5	<0.002	1.92	39.7	10.3	<1	2.4	83.7	0.55	<0.05	10.5	0.242	2.50	4.6
Q924391		1.8	1.3	<0.002	<0.01	0.12	0.2	<1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q924392		16.8	114.0	<0.002	0.05	12.85	11.6	1	1.9	138.0	0.68	<0.05	11.1	0.291	1.47	3.9
Q924393		46.2	164.0	<0.002	0.33	21.9	10.2	1	1.8	141.5	0.55	<0.05	12.2	0.237	2.70	5.5
Q924394		15.2	96.7	<0.002	0.08	15.00	11.0	<1	2.5	162.0	0.67	<0.05	11.4	0.285	1.68	3.1
Q924395		20.3	110.5	<0.002	0.13	26.9	11.3	<1	2.5	169.0	0.59	<0.05	11.9	0.264	1.45	4.2
Q924396		17.7	108.0	<0.002	0.04	10.20	11.9	1	2.0	162.0	0.70	<0.05	11.6	0.291	1.51	2.6
Q924397		19.9	89.3	<0.002	0.16	14.95	11.2	1	1.8	168.0	0.60	<0.05	11.2	0.269	1.69	5.7
Q924398		20.5	92.6	<0.002	0.17	15.30	11.4	1	1.9	165.5	0.62	<0.05	11.4	0.264	1.62	5.6
Q924399		19.8	103.5	<0.002	0.04	10.65	13.0	1	2.3	278	0.75	<0.05	11.7	0.319	1.25	3.8
Q924400		18.7	92.8	<0.002	0.05	3.21	10.9	1	2.0	393	0.63	<0.05	10.9	0.279	1.21	3.7
Q924401		18.8	98.6	<0.002	0.20	8.77	10.7	1	2.1	260	0.59	<0.05	10.8	0.268	1.67	4.2
Q924402		19.3	99.1	0.002	0.03	3.74	11.9	1	2.2	372	0.69	<0.05	12.6	0.301	1.14	4.2
Q924403		55.7	96.2	<0.002	0.03	9.81	11.3	1	2.4	154.5	0.69	<0.05	11.6	0.290	1.27	2.5
Q924404		42.8	112.0	<0.002	0.10	16.35	10.3	1	2.2	105.0	0.71	<0.05	11.8	0.277	1.53	2.6
Q924405		41.4	103.5	<0.002	0.09	20.2	10.0	1	2.6	99.3	0.63	<0.05	11.5	0.269	1.44	2.6
Q924406		20.5	115.0	<0.002	0.02	6.66	11.5	1	1.8	173.5	0.79	<0.05	14.5	0.285	1.23	2.9
Q924407		139.5	127.0	<0.002	0.41	17.55	10.1	1	3.1	148.5	0.66	<0.05	12.6	0.262	1.67	3.5
Q924408		85.0	115.0	<0.002	0.15	6.63	10.0	1	2.5	279	0.73	<0.05	14.1	0.246	1.43	4.6
Q924409		507	162.0	0.005	2.80	29.8	9.9	1	6.0	114.5	0.55	0.29	11.3	0.214	2.55	5.5
Q924410		328	117.0	<0.002	0.11	130.5	10.6	1	1.9	345	0.66	<0.05	12.0	0.261	1.31	3.8
Q924411		1.6	0.9	<0.002	0.01	0.27	0.1	1	<0.2	48.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q924412		19.5	111.0	<0.002	0.05	16.40	10.5	1	1.6	150.0	0.61	<0.05	13.2	0.261	1.35	2.7
Q924413		>10000	121.0	<0.002	5.68	138.0	6.4	1	8.5	108.5	0.37	0.11	8.7	0.154	1.87	7.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104127

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
Q924378		80	2.5	12.2	52	28.1			
Q924379		83	1.2	14.7	55	28.3			
Q924380		78	3.3	15.5	65	28.3			
Q924381		80	1.7	15.1	54	30.0			
Q924382		65	6.2	11.5	2440	30.1			
Q924383		67	2.0	13.4	64	24.1			
Q924384		91	3.6	17.9	58	32.6			
Q924385		81	1.4	16.3	57	31.6			
Q924386		78	1.1	14.9	54	27.3			
Q924387		83	3.5	15.3	55	27.8			
Q924388		87	3.1	13.2	59	26.4			
Q924389		79	1.6	14.2	57	26.6			
Q924390		68	2.7	13.6	718	21.9			
Q924391		2	0.1	0.8	17	<0.5			
Q924392		83	2.1	14.1	61	24.9			
Q924393		68	3.0	15.0	89	22.7			
Q924394		79	2.3	14.8	73	25.6			
Q924395		76	3.6	16.4	88	23.9			
Q924396		82	1.7	14.6	60	26.2			
Q924397		79	3.0	16.0	66	24.9			
Q924398		77	2.9	16.0	65	25.2			
Q924399		91	1.7	16.0	62	29.0			
Q924400		78	1.1	13.9	58	24.8			
Q924401		77	2.6	15.6	60	22.2			
Q924402		81	1.7	15.6	66	26.4			
Q924403		82	3.7	15.7	179	31.8			
Q924404		75	5.8	13.9	118	29.6			
Q924405		73	6.2	13.5	212	30.1			
Q924406		76	3.6	14.1	120	34.0			
Q924407		71	5.7	15.8	491	31.1			
Q924408		67	3.6	14.7	214	32.8			
Q924409		69	5.9	12.4	915	33.6			
Q924410		73	1.6	15.3	100	29.8			
Q924411		1	0.1	0.7	14	<0.5			
Q924412		72	5.4	15.9	69	30.9			
Q924413		45	3.3	12.7	>10000	17.7	110	1.900	3.44

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104127

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-QC	SPL-21
SPL-21d	WEI-21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
Pb-OG62	PUL-31d	Zn-OG62	

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104128

Project: KLAZA

P.O. No.: BATCH 43

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104128

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924841		6.67	0.009	0.27	7.37	60.1	1060	1.48	0.24	3.60	0.49	47.9	6.8	16	8.57	5.1
Q924842		2.96	0.010	0.36	7.40	29.0	920	1.39	0.41	3.46	0.42	45.5	5.6	14	8.33	6.9
Q924843		4.76	0.117	0.77	7.44	43.8	900	1.33	0.31	3.31	2.95	51.8	5.6	12	10.40	17.0
Q924844		2.09	0.060	8.20	4.53	40.1	820	0.94	0.83	10.90	4.16	34.7	3.5	7	10.65	52.7
Q924845		2.81	<0.005	0.05	0.04	0.3	20	0.06	1.37	20.1	0.09	0.99	0.5	<1	0.12	2.2
Q924846		5.01	0.005	0.14	7.28	10.0	1250	1.26	0.24	3.29	0.13	42.8	5.2	14	7.91	5.3
Q924847		4.54	0.062	1.22	6.98	598	820	1.25	0.26	3.11	9.12	41.0	7.3	11	10.95	18.2
Q924848		4.14	0.129	4.19	6.94	223	660	1.26	2.73	3.70	6.83	44.7	9.5	12	9.64	65.5
Q924849		<0.02	0.143	4.01	7.14	231	680	1.22	2.59	3.71	7.07	46.8	9.4	13	9.93	64.3
Q924850		5.85	0.018	0.24	7.11	64.3	1110	1.35	0.15	3.30	1.05	47.9	5.4	13	6.56	5.6
Q924851		3.53	0.158	1.63	6.71	1100	590	1.22	0.50	3.27	8.28	56.0	4.6	10	14.45	13.0
Q924852		1.78	0.162	1.34	7.04	1020	660	1.21	0.24	3.06	6.87	55.5	4.5	12	14.75	9.5
Q924853		4.31	0.219	2.26	6.53	208	1050	1.18	0.36	3.49	8.34	49.2	8.8	13	8.59	34.0
Q924854		3.25	0.010	0.26	7.20	21.2	1080	1.57	0.21	3.77	0.25	48.1	6.7	18	10.40	9.8
Q924855		7.16	0.125	1.65	6.94	64.5	800	1.34	0.32	2.56	7.21	34.8	5.6	11	5.90	19.2
Q924856		5.16	0.019	0.36	7.40	21.7	720	1.37	0.38	4.50	0.81	44.2	4.8	11	7.96	9.0
Q924857		0.23	1.730	39.3	5.71	2590	50	1.19	34.0	1.70	44.7	34.8	16.3	22	9.09	1230
Q924858		3.29	0.208	1.74	6.92	135.0	630	1.28	1.34	3.38	6.08	42.4	5.1	11	8.81	18.9
Q924859		2.33	0.149	3.76	6.76	923	630	1.39	1.46	3.15	17.85	35.7	4.0	12	7.80	139.0
Q924860		6.33	0.022	1.03	7.16	113.0	1050	1.41	0.35	3.15	6.10	41.4	7.8	13	9.25	20.0
Q924861		4.09	0.052	1.08	6.81	180.0	920	1.38	0.41	3.28	5.51	38.7	6.3	13	11.25	16.0
Q924862		5.05	0.020	0.39	7.02	48.9	890	1.73	0.11	3.56	0.76	58.6	7.3	18	11.65	9.7
Q924863		5.90	0.081	2.30	7.23	476	1560	1.17	0.60	2.76	15.00	49.3	6.9	11	9.84	25.7
Q924864		4.04	0.566	5.53	6.74	2030	670	1.27	5.16	2.92	17.35	42.3	5.1	10	11.55	63.8
Q924865		0.23	0.358	4.49	6.76	733	380	1.30	3.33	2.06	10.85	49.8	11.9	25	12.50	320
Q924866		4.67	0.012	0.33	6.74	71.0	960	1.19	0.25	3.06	0.48	37.2	8.8	12	10.40	9.1
Q924867		4.75	0.386	3.36	7.01	3340	610	1.27	2.47	3.08	10.05	44.0	4.2	11	9.90	32.6
Q924868		6.18	0.012	1.03	7.26	57.0	1040	1.42	1.43	3.11	2.31	42.2	3.9	21	10.15	20.0
Q924869		7.27	0.033	0.82	6.49	59.9	660	1.37	0.46	4.06	3.38	40.5	3.3	10	9.11	23.7
Q924870		3.00	0.221	5.59	6.15	393	140	1.23	3.50	2.76	27.3	40.5	3.1	10	11.85	87.8
Q924871		3.27	<0.005	0.02	0.08	<0.2	10	0.05	0.03	19.80	0.11	1.14	0.7	<1	0.18	2.5
Q924872		5.26	0.031	1.43	6.86	64.2	880	1.25	0.31	3.18	7.18	40.3	4.3	11	11.05	20.3
Q924873		6.50	0.136	1.78	7.39	603	960	1.31	0.86	2.92	3.88	47.5	4.6	11	9.13	33.2
Q924874		6.79	0.070	2.11	7.27	304	910	1.38	0.68	3.57	4.08	43.4	4.8	13	9.24	114.0
Q924875		2.65	0.246	59.3	7.02	1675	970	1.19	168.0	2.43	3.44	41.4	7.1	14	8.04	134.5
Q924876		2.07	0.035	0.65	6.92	36.7	1370	1.32	0.53	2.82	3.06	37.9	5.2	11	12.25	22.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104128

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924841		2.99	16.40	0.08	0.5	0.053	1.85	23.9	9.9	1.06	896	0.71	2.24	8.3	3.4	580
Q924842		2.91	16.00	0.09	0.5	0.059	1.78	23.4	9.5	1.13	785	0.62	2.16	8.1	3.3	590
Q924843		2.96	16.20	0.10	0.5	0.063	2.14	26.5	16.7	1.06	1030	0.66	1.67	7.9	2.8	570
Q924844		3.16	9.09	0.11	0.3	0.106	1.59	16.4	15.0	2.84	22800	2.17	0.20	3.9	2.8	300
Q924845		0.47	0.18	0.16	<0.1	<0.005	0.02	0.5	1.0	12.85	232	0.09	<0.01	0.1	1.5	160
Q924846		2.83	14.75	0.24	0.5	0.044	1.94	18.5	14.5	0.97	710	0.57	2.06	7.4	3.1	510
Q924847		2.97	16.05	0.20	0.5	0.168	2.65	18.9	36.1	0.88	1520	0.97	0.92	7.6	3.4	490
Q924848		3.26	15.30	0.20	0.5	0.137	2.60	18.6	9.1	0.88	4320	0.92	0.93	7.5	3.4	490
Q924849		3.26	15.35	0.18	0.5	0.135	2.67	19.9	9.0	0.89	4310	1.00	0.93	7.5	3.4	490
Q924850		2.96	15.45	0.19	0.6	0.075	2.04	21.7	8.0	0.91	705	0.71	2.01	7.3	3.3	510
Q924851		2.80	14.20	0.16	0.5	0.192	2.98	30.7	9.1	0.73	5240	0.83	0.21	6.7	2.9	440
Q924852		2.82	14.75	0.17	0.5	0.172	3.08	31.5	12.2	0.74	4250	0.64	0.35	6.6	2.8	460
Q924853		3.20	15.10	0.15	0.5	0.274	2.44	24.2	9.5	0.90	1540	1.03	1.42	7.5	4.1	570
Q924854		3.41	16.00	0.16	0.7	0.041	1.95	21.1	11.9	1.07	812	0.71	1.76	9.2	4.5	560
Q924855		3.28	16.60	0.13	0.7	0.181	2.04	14.5	30.7	0.68	943	0.82	0.37	8.6	3.8	510
Q924856		2.45	18.05	0.18	0.7	0.089	2.12	16.9	12.9	1.21	1240	2.11	1.71	8.1	3.3	590
Q924857		9.23	13.70	0.15	0.8	1.505	2.66	16.0	16.9	0.69	2310	16.50	0.06	4.6	14.5	450
Q924858		3.20	15.15	0.15	0.6	0.227	2.01	18.3	11.5	0.94	1700	0.94	1.51	8.0	3.1	520
Q924859		2.57	15.80	0.17	0.6	0.789	2.48	14.2	8.9	0.95	1470	0.55	1.11	8.0	2.7	480
Q924860		3.06	15.60	0.17	0.6	0.098	2.37	18.2	11.4	0.93	750	0.44	1.85	8.9	3.3	510
Q924861		3.04	15.50	0.14	0.7	0.062	2.47	17.2	12.2	0.90	1340	0.60	1.29	8.1	3.3	490
Q924862		2.69	18.10	0.22	3.3	0.032	2.98	30.1	30.9	1.10	2050	1.76	0.08	9.1	7.2	920
Q924863		3.25	16.10	0.17	0.6	0.211	2.42	23.4	29.9	0.91	1780	0.39	0.08	8.0	3.7	520
Q924864		4.23	15.00	0.16	0.4	0.343	2.60	21.5	19.5	1.14	2360	0.63	0.14	7.1	3.3	470
Q924865		5.05	15.40	0.16	1.0	0.294	2.99	28.6	26.7	0.79	1860	14.70	0.15	6.1	14.4	530
Q924866		2.84	15.10	0.15	0.6	0.053	2.28	16.4	16.4	0.85	949	0.64	1.43	7.7	3.3	480
Q924867		4.29	14.65	0.16	0.5	0.265	2.76	21.1	11.5	0.85	1980	1.18	0.67	6.8	2.8	430
Q924868		3.40	15.65	0.16	0.6	0.159	2.46	19.3	13.2	0.89	964	0.52	1.41	8.9	3.6	520
Q924869		2.69	14.55	0.16	0.6	0.116	2.30	16.1	28.6	0.87	1710	1.04	0.77	7.5	2.6	460
Q924870		6.18	14.80	0.16	0.7	0.430	2.52	17.9	22.0	0.87	4180	1.86	0.08	6.5	3.7	480
Q924871		0.49	0.23	0.22	<0.1	<0.005	0.03	0.5	0.9	12.60	221	0.08	0.01	0.2	1.8	150
Q924872		2.98	15.15	0.22	0.6	0.102	2.47	16.3	32.7	0.92	1440	0.57	0.86	7.8	2.7	490
Q924873		3.19	16.40	0.20	0.6	0.124	2.72	21.7	25.5	0.91	1380	0.85	0.71	8.2	3.2	520
Q924874		2.89	16.05	0.18	0.6	0.147	2.36	19.1	17.5	1.03	1200	0.77	1.38	7.9	3.5	510
Q924875		4.13	15.70	0.14	0.6	0.247	1.99	18.1	25.7	0.62	612	1.04	0.86	7.8	3.6	510
Q924876		2.81	14.95	0.13	0.7	0.064	2.52	17.1	34.9	0.97	1220	0.48	0.73	7.5	3.8	520

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104128

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924841		70.4	73.2	<0.002	0.28	2.17	12.6	1	2.3	383	0.63	0.07	10.3	0.306	0.83	3.1
Q924842		30.8	80.0	<0.002	0.29	1.83	12.2	1	2.5	347	0.61	0.15	9.1	0.295	0.80	2.9
Q924843		77.5	96.3	<0.002	0.36	3.89	11.3	1	2.5	287	0.65	0.12	11.3	0.290	1.16	2.9
Q924844		852	76.6	<0.002	0.38	13.65	5.9	<1	1.8	396	0.30	0.10	5.8	0.150	1.10	2.6
Q924845		6.9	0.7	<0.002	<0.01	0.16	0.1	<1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q924846		13.7	81.4	<0.002	0.18	2.11	10.2	<1	2.0	366	0.58	0.08	12.5	0.272	0.98	3.2
Q924847		233	124.0	0.002	0.80	6.73	10.7	1	2.8	228	0.62	0.09	10.1	0.271	2.13	3.2
Q924848		443	129.5	0.002	1.56	5.52	10.9	1	4.0	224	0.64	0.92	9.3	0.277	2.03	3.3
Q924849		451	137.5	<0.002	1.57	5.68	11.1	1	4.1	227	0.62	0.84	9.5	0.278	2.09	3.3
Q924850		59.4	84.9	<0.002	0.20	1.64	11.1	<1	3.0	354	0.66	<0.05	11.1	0.277	1.06	3.6
Q924851		406	149.5	<0.002	1.15	9.13	9.4	<1	3.5	135.0	0.61	<0.05	11.3	0.244	2.73	3.7
Q924852		355	146.5	<0.002	1.11	9.02	9.6	<1	2.7	149.0	0.63	<0.05	12.0	0.259	2.59	3.5
Q924853		425	96.1	0.003	0.75	4.68	10.7	1	4.0	281	0.71	0.10	9.5	0.274	1.68	3.3
Q924854		33.0	76.4	<0.002	0.27	3.44	12.4	<1	2.7	353	0.77	0.06	9.9	0.308	0.98	3.1
Q924855		498	73.1	0.002	0.40	9.85	10.5	<1	3.1	128.5	0.82	0.07	10.9	0.268	1.11	2.8
Q924856		48.5	85.5	<0.002	0.23	2.40	11.5	1	4.1	293	0.66	0.05	10.3	0.283	1.56	3.5
Q924857		1655	145.0	<0.002	8.04	110.0	8.1	1	10.3	63.5	0.38	0.67	8.8	0.169	2.23	5.0
Q924858		136.5	96.6	<0.002	1.25	3.91	10.5	1	3.4	266	0.68	0.33	10.1	0.264	1.58	3.4
Q924859		526	119.5	<0.002	1.23	7.74	10.3	1	5.2	227	0.87	0.19	10.6	0.251	1.73	3.9
Q924860		214	92.7	<0.002	0.40	2.64	11.1	<1	1.8	339	0.85	<0.05	11.3	0.283	1.05	4.0
Q924861		254	107.0	<0.002	0.74	5.41	10.5	<1	2.4	310	0.75	0.07	10.1	0.267	1.53	3.5
Q924862		40.4	117.0	0.002	0.47	20.2	8.1	<1	1.5	301	0.62	0.05	9.4	0.285	2.66	4.8
Q924863		570	106.5	<0.002	1.03	15.10	10.6	<1	3.0	159.0	0.65	0.09	13.0	0.276	1.72	3.3
Q924864		620	141.0	<0.002	2.37	20.6	9.8	1	3.4	168.0	0.58	0.16	11.1	0.235	2.12	3.4
Q924865		486	162.0	0.002	2.72	27.3	9.2	1	5.5	109.0	0.49	0.35	11.1	0.209	2.44	4.7
Q924866		52.7	82.2	0.002	0.37	3.71	9.7	<1	1.9	315	0.74	0.06	11.2	0.263	1.29	3.6
Q924867		431	141.5	<0.002	2.75	14.10	9.4	1	3.5	210	0.58	0.13	13.6	0.235	2.01	3.4
Q924868		113.0	106.5	<0.002	0.67	3.89	10.9	1	2.5	310	0.86	<0.05	11.9	0.283	1.55	3.6
Q924869		117.5	101.0	<0.002	0.64	4.98	10.3	1	3.1	221	0.74	<0.05	10.2	0.240	2.05	3.5
Q924870		726	129.5	<0.002	5.73	21.5	8.2	<1	8.2	221	0.51	0.08	10.1	0.215	2.36	3.7
Q924871		2.4	1.4	<0.002	0.02	0.09	0.2	<1	<0.2	49.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
Q924872		443	110.5	<0.002	0.69	6.58	10.6	1	3.8	264	0.65	0.05	11.3	0.261	2.12	3.3
Q924873		282	136.5	0.002	1.26	10.35	11.0	<1	4.1	236	0.70	0.05	11.1	0.287	1.97	3.2
Q924874		155.0	102.5	<0.002	0.45	5.09	10.7	1	3.1	321	0.68	0.16	10.7	0.277	1.65	3.3
Q924875		547	87.5	0.002	2.14	21.0	10.1	2	3.8	257	0.70	1.21	10.5	0.272	1.18	2.3
Q924876		270	113.0	<0.002	0.51	7.94	10.0	<1	2.9	256	0.62	0.06	10.3	0.276	2.03	2.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104128

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924841		92	0.9	16.0	63	9.8
Q924842		92	0.7	15.7	62	9.5
Q924843		89	1.2	15.7	230	10.5
Q924844		45	1.6	14.1	552	5.1
Q924845		2	0.1	0.6	18	<0.5
Q924846		83	1.2	12.5	43	9.0
Q924847		83	1.7	11.6	726	9.7
Q924848		90	2.1	13.0	606	9.1
Q924849		91	2.2	13.3	628	9.6
Q924850		86	0.9	13.7	115	9.2
Q924851		74	2.6	11.6	680	9.0
Q924852		78	2.7	11.0	585	9.8
Q924853		86	1.4	11.9	616	9.8
Q924854		98	1.2	15.0	54	12.4
Q924855		89	3.1	12.5	526	12.8
Q924856		92	1.0	12.6	104	13.0
Q924857		58	7.5	8.6	3400	20.9
Q924858		90	1.5	11.7	536	10.3
Q924859		79	1.9	10.6	1220	10.7
Q924860		87	1.5	13.8	376	9.8
Q924861		80	2.7	11.8	372	12.3
Q924862		68	3.2	11.7	106	127.5
Q924863		85	5.0	12.8	911	13.0
Q924864		75	4.5	11.5	1300	8.4
Q924865		66	5.5	11.0	889	27.0
Q924866		81	1.7	10.9	66	10.2
Q924867		72	2.5	10.6	806	9.7
Q924868		85	1.3	12.5	237	11.1
Q924869		76	1.8	11.8	335	9.9
Q924870		64	5.6	9.6	2240	20.2
Q924871		2	0.1	0.7	21	<0.5
Q924872		89	1.6	12.4	682	9.7
Q924873		86	2.3	12.2	306	9.9
Q924874		85	1.8	11.8	307	10.5
Q924875		78	2.7	11.0	282	11.2
Q924876		80	2.0	10.5	257	14.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104128

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 25-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104129

Project: KLAZA

P.O. No.: BATCH 44

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104129

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924414		4.65	<0.005	0.08	7.32	6.6	2150	1.39	0.13	2.69	0.14	46.0	6.9	13	12.00	10.7
Q924415		10.83	<0.005	0.63	7.24	10.0	2110	1.41	0.13	2.59	0.29	48.5	7.3	12	13.10	11.0
Q924416		8.42	0.013	0.18	7.28	6.7	2160	1.43	0.21	2.83	0.28	47.4	7.2	14	13.75	22.1
Q924417		3.36	0.006	2.11	7.18	34.7	2120	1.67	0.09	2.61	1.71	47.6	7.5	11	15.80	10.9
Q924418		1.45	0.007	2.02	7.25	66.6	2000	1.61	0.12	2.50	2.90	52.1	7.5	11	15.75	18.6
Q924419		4.32	<0.005	0.10	7.69	5.4	2310	1.41	0.05	2.63	0.06	47.3	7.4	13	10.75	8.5
Q924420		3.63	0.064	0.65	6.89	460	1860	1.63	0.26	2.62	1.35	49.7	8.0	12	15.35	12.6
Q924421		4.23	0.005	0.19	7.52	23.7	2370	1.56	0.13	2.71	0.20	49.2	8.1	15	11.95	27.8
Q924422		0.23	0.377	4.68	6.95	735	330	1.49	3.86	2.17	11.85	54.8	12.7	26	15.00	330
Q924423		7.92	0.018	1.49	7.05	50.9	1980	1.44	0.56	2.41	0.55	52.8	6.9	14	13.35	56.7
Q924424		6.10	<0.005	0.14	7.35	8.4	2350	1.46	0.18	2.61	0.13	42.9	7.8	13	11.15	13.7
Q924425		4.53	0.118	5.74	7.33	71.5	1840	1.55	8.75	2.23	6.08	55.6	7.2	12	14.55	56.4
Q924426		3.69	0.027	2.88	7.16	107.0	1540	1.31	0.22	1.81	3.70	47.6	5.9	11	16.45	27.1
Q924427		2.03	<0.005	0.02	0.08	0.7	20	0.05	0.04	21.3	0.07	1.47	0.8	<1	0.17	1.5
Q924428		12.20	<0.005	0.74	7.43	28.0	2310	2.09	0.18	3.27	0.65	68.6	7.6	19	24.1	17.0
Q924429		5.08	0.009	0.71	7.08	40.2	2970	1.69	0.30	2.95	1.85	74.2	4.9	14	22.3	8.5
Q924430		4.67	0.176	8.59	7.37	147.5	1750	1.73	2.63	2.57	10.80	72.6	7.7	13	24.4	90.3
Q924431		7.14	0.006	0.44	7.61	23.0	470	2.01	0.32	2.92	1.52	80.2	5.1	13	26.9	6.4
Q924432		8.49	<0.005	0.44	6.72	21.3	770	1.82	0.11	2.60	4.56	65.3	5.0	14	20.9	5.8
Q924433		7.52	<0.005	0.22	6.71	26.1	830	1.59	0.14	2.16	0.59	63.1	4.7	13	18.70	6.2
Q924434		1.91	<0.005	0.38	6.38	35.0	1700	1.82	0.21	2.04	0.91	63.5	4.8	13	28.2	19.6
Q924435		2.83	0.094	1.03	6.97	233	690	1.21	2.70	1.84	1.13	57.8	32.1	7	14.95	20.4
Q924436		2.62	<0.005	0.01	0.09	0.4	90	0.05	0.03	20.8	0.08	1.44	0.6	<1	0.23	3.2
Q924437		7.72	0.008	0.16	7.52	23.6	1350	1.45	0.47	2.51	0.30	57.2	8.4	9	14.90	8.4
Q924438		2.50	0.010	0.26	6.75	38.0	1020	1.21	0.22	3.57	0.35	53.8	3.0	9	16.30	7.3
Q924439		7.99	0.007	0.29	7.03	30.8	2490	1.36	0.34	3.20	0.19	46.8	10.0	9	14.80	5.4
Q924440		<0.02	0.007	0.27	6.97	29.9	2430	1.32	0.32	3.12	0.25	50.1	9.8	8	14.75	3.8
Q924441		4.96	<0.005	0.09	6.63	16.2	1840	1.41	0.16	2.96	0.07	45.3	3.9	9	17.15	1.8
Q924442		7.50	<0.005	0.08	7.05	15.3	2020	1.57	0.18	2.54	0.06	48.2	5.5	12	15.65	1.7
Q924443		0.24	0.825	12.25	6.27	1495	250	1.39	12.95	1.85	33.5	48.0	17.2	19	14.20	278
Q924444		11.17	<0.005	0.19	6.77	9.2	3050	1.40	0.85	3.06	0.05	35.4	8.8	10	9.91	2.3
Q924445		7.17	<0.005	0.13	8.52	12.5	1940	1.55	0.76	2.61	0.08	50.0	2.3	9	16.50	1.5
Q924446		5.44	<0.005	0.09	6.95	10.7	1300	1.40	0.37	2.71	0.08	39.2	2.3	8	11.95	1.6
Q924447		5.82	<0.005	0.10	7.10	11.3	1740	1.35	0.35	3.81	0.24	36.7	3.0	8	10.70	1.3
Q924448		7.64	<0.005	0.05	6.65	58.4	1690	1.65	0.65	4.17	0.21	54.1	4.8	7	45.1	3.4
Q924449		6.82	<0.005	0.05	7.55	34.5	1730	1.74	0.51	2.10	0.11	48.0	4.1	8	29.6	1.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104129

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924414		3.00	15.95	0.18	1.1	0.041	2.68	22.2	23.6	0.77	700	0.88	2.08	7.8	2.8	590
Q924415		3.03	16.30	0.16	1.1	0.047	2.88	22.5	12.4	0.75	1060	0.99	2.03	7.9	2.8	570
Q924416		3.12	16.15	0.19	1.1	0.048	2.80	22.5	13.7	0.74	887	1.46	1.96	7.7	2.8	590
Q924417		3.22	15.90	0.15	1.1	0.075	3.05	23.3	14.4	0.72	1520	1.18	1.83	8.0	3.0	590
Q924418		3.38	15.60	0.16	1.2	0.087	3.14	26.5	13.4	0.74	1880	1.31	1.64	7.9	3.1	590
Q924419		3.02	15.95	0.12	1.1	0.036	2.76	22.5	17.7	0.79	724	1.29	2.29	7.8	3.7	630
Q924420		3.42	16.05	0.12	1.2	0.068	3.16	24.8	14.4	0.76	6460	0.86	1.43	7.8	2.9	570
Q924421		3.18	15.80	0.16	1.2	0.048	3.23	24.7	12.3	0.81	1160	1.05	2.03	8.0	3.2	620
Q924422		5.28	15.70	0.17	1.1	0.315	3.13	31.0	27.8	0.83	1950	16.25	0.16	6.5	15.7	540
Q924423		3.24	15.45	0.16	1.2	0.076	3.12	27.0	13.0	0.75	1800	0.84	1.64	7.7	3.0	550
Q924424		3.28	15.95	0.13	1.1	0.070	3.26	19.2	8.3	0.76	1150	0.86	1.72	7.4	2.7	600
Q924425		3.64	16.05	0.18	1.2	0.215	3.43	28.8	10.7	0.67	1560	0.85	1.13	8.0	3.1	590
Q924426		3.66	15.80	0.18	1.2	0.107	3.51	23.3	29.2	0.64	2660	0.73	0.17	7.8	2.7	580
Q924427		0.51	0.24	0.07	<0.1	<0.005	0.03	0.7	1.0	13.55	232	0.10	0.01	0.2	1.6	170
Q924428		2.77	17.90	0.21	3.6	0.035	2.59	36.7	60.1	1.26	788	1.59	0.05	10.6	7.0	1130
Q924429		2.44	17.00	0.19	2.6	0.033	2.43	39.3	61.2	1.04	776	1.26	0.06	11.4	3.3	900
Q924430		2.27	16.70	0.17	2.5	0.196	1.48	38.4	94.9	0.87	818	2.17	0.03	11.6	5.2	880
Q924431		2.60	17.70	0.16	2.7	0.047	1.63	43.3	132.5	1.01	878	1.45	0.05	11.9	3.1	890
Q924432		2.51	16.80	0.13	2.6	0.277	1.46	32.5	137.0	0.86	785	1.30	0.04	11.2	3.0	860
Q924433		2.31	17.00	0.16	2.6	0.026	2.09	31.0	133.0	0.75	755	1.23	0.05	11.2	3.0	860
Q924434		2.11	16.15	0.15	2.5	0.032	2.16	31.4	80.3	0.71	713	0.74	0.05	10.9	3.8	820
Q924435		6.46	16.90	0.16	0.9	0.175	3.15	30.8	22.4	0.93	2200	1.10	0.03	7.1	3.3	510
Q924436		0.48	0.25	0.07	<0.1	<0.005	0.03	0.6	1.6	13.15	212	0.07	<0.01	0.2	1.5	150
Q924437		4.87	15.50	0.17	1.1	0.140	2.41	31.5	107.5	1.10	1680	0.70	0.04	8.6	3.0	610
Q924438		3.99	12.65	0.17	1.2	0.143	2.93	29.1	133.0	1.26	2900	0.28	0.03	8.0	3.0	590
Q924439		3.81	15.65	0.16	1.0	0.091	2.42	23.8	52.7	1.07	1740	0.21	1.31	7.7	3.0	570
Q924440		3.80	15.60	0.15	1.0	0.112	2.41	25.4	52.6	1.01	1720	0.21	1.26	7.5	2.9	560
Q924441		2.70	13.75	0.16	1.2	0.061	2.14	22.0	58.9	0.83	886	0.28	0.82	8.1	2.7	590
Q924442		3.15	15.00	0.17	1.2	0.046	2.49	23.8	52.8	0.73	735	0.47	1.30	8.2	3.2	590
Q924443		6.33	14.75	0.17	1.0	0.818	2.81	25.7	19.7	0.75	1730	8.70	0.12	6.3	12.5	510
Q924444		3.49	13.85	0.12	1.0	0.058	1.94	16.4	24.6	0.85	867	0.32	2.14	7.1	2.7	540
Q924445		4.30	23.9	0.14	1.3	0.217	2.31	24.5	29.2	0.90	841	0.21	1.89	8.6	2.7	670
Q924446		3.88	19.25	0.12	1.1	0.140	1.99	17.9	31.3	0.70	1080	0.13	1.69	7.5	2.7	580
Q924447		3.17	16.30	0.13	1.1	0.084	1.62	16.6	69.5	1.03	1190	0.47	2.28	7.2	2.6	600
Q924448		2.84	18.85	0.15	1.0	0.051	1.85	27.8	191.5	0.90	862	0.18	0.94	7.9	3.4	540
Q924449		2.63	19.20	0.14	1.3	0.044	1.85	23.4	121.5	0.59	570	0.13	2.71	8.6	2.7	600

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104129

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924414		17.3	104.0	<0.002	0.02	2.28	10.6	1	1.6	362	0.63	<0.05	11.6	0.264	1.08	2.7
Q924415		216	125.5	<0.002	0.09	3.84	10.7	<1	1.6	339	0.63	<0.05	12.8	0.256	1.30	4.4
Q924416		21.5	116.0	<0.002	0.07	2.97	10.8	1	2.1	341	0.62	<0.05	12.9	0.259	1.17	3.4
Q924417		662	130.0	<0.002	0.17	19.65	10.1	1	1.7	317	0.61	<0.05	12.7	0.259	1.60	4.0
Q924418		571	150.0	<0.002	0.22	26.1	10.5	1	1.8	290	0.62	<0.05	13.9	0.252	1.76	4.9
Q924419		230	101.0	<0.002	0.01	3.40	10.0	<1	1.5	404	0.61	<0.05	12.6	0.278	1.01	2.8
Q924420		64.3	151.5	<0.002	0.68	22.1	10.6	1	1.9	263	0.60	<0.05	13.7	0.257	1.86	5.6
Q924421		22.9	128.0	<0.002	0.11	7.38	9.9	1	1.8	354	0.62	<0.05	13.7	0.266	1.48	3.4
Q924422		514	168.5	0.003	2.79	29.6	9.3	1	5.9	113.0	0.53	0.33	12.6	0.213	2.62	5.7
Q924423		348	142.0	<0.002	0.26	28.8	9.8	<1	2.6	286	0.61	<0.05	14.5	0.242	1.74	4.3
Q924424		24.4	122.0	<0.002	0.14	3.19	9.3	1	1.8	327	0.64	<0.05	11.3	0.263	1.55	3.2
Q924425		483	165.0	<0.002	0.82	8.08	10.2	<1	3.2	230	0.63	<0.05	15.2	0.245	2.14	3.6
Q924426		275	157.0	<0.002	0.60	18.20	9.6	<1	2.3	95.2	0.65	<0.05	14.7	0.249	2.40	4.6
Q924427		2.1	1.4	<0.002	0.01	0.12	0.2	1	<0.2	52.9	<0.05	<0.05	0.2	<0.005	<0.02	0.6
Q924428		38.9	122.5	<0.002	0.26	11.25	7.2	<1	1.6	592	0.71	<0.05	10.7	0.300	2.75	6.3
Q924429		128.5	93.8	<0.002	0.16	10.45	6.0	<1	1.6	308	0.75	<0.05	11.2	0.259	2.22	7.3
Q924430		616	63.7	<0.002	0.52	37.0	6.0	1	2.2	356	0.75	<0.05	11.7	0.259	1.42	11.3
Q924431		62.6	76.0	<0.002	0.05	14.35	6.1	1	1.5	189.5	0.81	<0.05	12.1	0.267	1.21	6.7
Q924432		100.5	46.8	<0.002	0.12	14.55	5.7	1	1.5	152.5	0.79	<0.05	10.4	0.247	1.58	7.2
Q924433		32.2	58.4	<0.002	0.14	7.92	5.5	1	1.6	198.5	0.74	<0.05	9.9	0.250	2.01	5.8
Q924434		41.5	71.5	<0.002	0.14	22.1	5.4	<1	3.4	333	0.75	<0.05	9.9	0.236	2.09	10.2
Q924435		62.2	167.0	<0.002	3.29	11.90	9.1	<1	4.2	101.5	0.61	0.18	13.7	0.210	2.85	7.5
Q924436		2.0	1.3	<0.002	0.01	0.15	0.1	1	<0.2	52.8	<0.05	<0.05	<0.2	<0.005	0.02	0.9
Q924437		10.7	137.0	<0.002	0.80	12.80	11.1	<1	2.7	97.4	0.73	<0.05	14.6	0.260	2.07	4.9
Q924438		20.3	185.5	<0.002	0.61	14.70	10.8	<1	1.9	87.9	0.63	<0.05	13.6	0.250	2.61	5.6
Q924439		22.5	123.5	<0.002	0.79	11.30	10.7	1	2.4	172.0	0.60	<0.05	12.7	0.248	2.04	5.1
Q924440		18.9	123.0	<0.002	0.79	11.20	10.5	1	2.3	170.5	0.60	<0.05	13.1	0.241	2.08	4.9
Q924441		7.8	79.4	<0.002	0.22	9.71	10.5	<1	1.6	139.5	0.65	<0.05	12.8	0.253	2.23	2.6
Q924442		11.2	97.5	<0.002	0.23	8.46	10.5	<1	1.6	159.5	0.69	<0.05	14.2	0.256	2.01	2.9
Q924443		1260	164.5	<0.002	4.42	64.0	9.1	1	8.0	94.0	0.50	1.23	11.4	0.198	2.57	5.4
Q924444		12.1	69.1	<0.002	0.23	4.44	8.2	<1	1.6	205	0.64	<0.05	9.7	0.245	1.36	2.4
Q924445		12.2	94.5	<0.002	0.08	11.30	10.7	1	2.1	155.0	0.75	<0.05	12.7	0.311	1.40	2.7
Q924446		6.6	82.4	<0.002	0.15	7.42	9.8	1	3.6	139.0	0.63	<0.05	9.8	0.272	1.49	4.0
Q924447		13.5	62.3	<0.002	0.09	9.38	9.6	1	1.5	188.0	0.60	<0.05	10.1	0.266	1.22	2.4
Q924448		31.8	78.8	<0.002	0.37	28.1	10.3	1	1.8	208	0.60	<0.05	13.5	0.233	4.08	5.5
Q924449		17.5	76.6	<0.002	0.21	16.50	10.6	1	1.7	201	0.64	<0.05	16.9	0.270	2.91	4.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104129

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924414		71	0.8	14.8	58	23.7
Q924415		70	1.6	15.2	73	24.7
Q924416		71	1.4	15.3	72	24.1
Q924417		71	1.7	14.6	260	27.1
Q924418		69	4.7	15.8	383	27.7
Q924419		74	0.7	14.6	57	26.2
Q924420		71	2.5	16.6	211	27.5
Q924421		72	2.2	16.1	76	28.8
Q924422		69	5.7	12.4	901	31.5
Q924423		66	2.2	15.5	117	27.7
Q924424		70	1.7	14.0	71	26.3
Q924425		69	2.1	15.7	515	27.7
Q924426		68	5.1	14.3	385	27.6
Q924427		2	0.1	0.8	18	<0.5
Q924428		64	2.5	14.0	112	133.5
Q924429		51	2.2	13.7	161	87.5
Q924430		52	3.8	12.1	718	81.0
Q924431		54	3.3	13.8	261	88.5
Q924432		49	2.9	12.6	329	83.4
Q924433		50	1.5	12.0	141	82.8
Q924434		46	2.8	12.0	117	83.0
Q924435		75	10.9	10.7	133	21.6
Q924436		2	0.1	0.7	19	0.7
Q924437		68	5.3	14.1	84	25.3
Q924438		59	3.1	13.7	74	24.9
Q924439		68	2.9	14.0	61	24.8
Q924440		68	2.8	14.0	66	24.6
Q924441		62	2.1	12.2	43	28.4
Q924442		67	2.5	11.8	43	27.3
Q924443		60	5.8	11.4	2310	28.1
Q924444		64	4.0	10.4	49	24.2
Q924445		98	8.2	13.7	55	30.0
Q924446		81	5.0	11.7	60	27.0
Q924447		73	2.9	12.1	61	26.8
Q924448		72	2.3	19.3	40	24.4
Q924449		80	1.8	14.9	35	34.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104129

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104750

Project: KLAZA

P.O. No.: BATCH 45

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104750

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924877		10.29	0.072	3.27	6.82	155.0	1780	1.39	3.00	1.47	5.46	34.5	8.5	10	14.40	39.6
Q924878		7.33	0.008	0.61	6.80	84.9	990	1.83	0.63	2.34	2.56	50.8	6.5	20	12.85	7.0
Q924879		11.32	<0.005	0.09	6.54	35.7	1370	2.04	0.17	2.35	0.18	43.6	5.1	13	18.80	5.7
Q924880		8.94	<0.005	0.10	6.48	59.0	1280	2.11	0.12	2.22	0.18	41.6	5.6	12	18.05	9.2
Q924881		5.13	0.082	2.67	6.75	242	1220	1.36	3.93	3.31	5.09	40.5	6.6	15	11.75	73.7
Q924882		<0.02	0.082	2.85	6.37	241	1120	1.38	4.41	3.24	5.24	40.0	6.7	11	12.30	72.8
Q924883		5.98	0.019	0.50	6.47	52.8	910	1.34	0.75	2.81	1.93	43.6	8.0	13	10.55	23.3
Q924884		4.44	0.016	1.07	6.61	159.0	760	1.37	0.51	2.86	3.14	35.3	5.8	10	9.08	41.1
Q924885		0.23	0.370	4.26	6.57	709	350	1.36	3.62	2.00	10.10	49.0	11.9	24	13.15	314
Q924886		5.58	0.005	0.75	6.38	48.6	550	1.46	0.36	4.04	1.79	30.7	5.0	15	9.04	14.7
Q924887		8.13	0.023	1.18	6.46	47.0	850	1.24	0.72	3.44	2.04	37.7	5.8	12	8.96	41.5
Q924888		7.68	0.062	2.05	6.43	678	990	1.39	1.28	3.15	12.10	44.2	7.2	12	11.80	42.5
Q924889		6.96	0.007	0.53	6.82	38.2	1000	1.42	0.49	2.17	2.48	44.5	8.7	11	14.55	40.9
Q924890		6.00	0.075	1.77	7.49	358	710	1.41	0.88	1.44	64.0	47.7	8.1	11	11.75	38.3
Q924891		11.64	0.013	0.45	7.02	97.9	860	2.05	0.29	2.21	2.34	62.5	5.8	29	10.90	7.8
Q924892		5.40	0.080	2.50	7.38	253	610	1.60	3.72	2.09	8.18	44.4	8.7	12	13.75	92.8
Q924893		3.13	<0.005	0.02	0.12	1.1	20	0.08	0.03	20.1	0.16	1.66	0.7	1	0.41	2.8
Q924894		11.25	0.060	1.29	7.65	216	760	1.44	3.41	2.18	1.43	49.1	8.3	10	16.75	26.0
Q924895		2.48	<0.005	0.13	6.77	10.7	810	1.58	0.24	3.02	0.13	56.7	6.1	12	20.4	8.9
Q924896		6.24	0.029	0.34	6.91	104.0	840	1.31	0.36	2.19	0.42	45.5	8.3	10	13.85	14.1
Q924897		3.23	0.415	6.75	6.95	790	580	1.44	10.70	2.49	10.70	55.2	6.9	13	8.98	89.7
Q924898		2.53	<0.005	0.02	0.09	0.8	20	0.08	0.04	20.4	0.08	1.24	0.7	1	0.19	1.4
Q924899		10.14	0.119	4.03	6.86	738	610	1.38	6.31	2.60	5.91	47.9	8.0	9	13.95	35.6
Q924900		8.98	0.064	1.10	6.96	524	820	1.33	1.40	2.96	0.69	46.6	9.2	10	10.75	13.6
Q924901		0.24	0.881	11.45	6.43	1590	150	1.40	12.20	1.83	32.2	47.4	18.7	18	14.50	291
Q924902		8.39	<0.005	0.73	6.72	25.5	590	1.37	0.99	3.42	0.46	33.3	5.3	11	7.76	13.9
Q924903		11.15	<0.005	0.14	6.93	8.2	1210	1.39	0.26	3.10	0.23	40.9	8.2	13	8.33	10.4
Q924904		7.68	0.008	0.48	6.96	17.1	1460	1.42	1.07	2.84	2.32	41.8	7.8	12	12.60	47.0
Q924905		8.39	0.020	0.14	6.86	36.4	1760	1.84	0.20	3.84	0.13	62.1	8.2	30	11.55	8.4
Q924906		1.07	0.311	14.65	6.67	218	590	1.62	23.5	2.85	11.80	51.6	10.9	20	9.13	332
Q924907		3.77	0.012	0.19	6.89	20.9	1290	1.89	0.42	3.08	0.28	62.5	6.7	28	11.75	7.3
Q924908		2.11	<0.005	0.11	6.46	15.4	1480	1.89	0.21	2.91	0.16	56.7	6.7	27	11.65	3.8
Q924909		4.19	<0.005	0.10	6.69	6.7	1840	1.45	0.23	2.80	0.11	41.9	7.4	12	15.45	5.9
Q924910		3.64	0.026	0.58	7.08	139.0	740	1.49	0.52	2.75	1.62	48.9	7.9	9	12.40	5.4
Q924911		11.13	0.008	0.25	7.00	20.0	1120	1.28	0.40	2.00	0.44	43.2	8.3	10	10.50	6.6
Q924912		13.04	0.023	0.70	6.50	51.8	1170	1.28	1.05	3.60	1.62	48.3	7.2	14	21.2	30.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104750

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924877		3.47	15.90	0.14	0.6	0.121	2.77	16.0	39.3	0.31	1200	5.07	0.08	8.1	3.8	480
Q924878		2.73	17.80	0.15	2.4	0.032	2.76	24.1	25.1	0.41	1310	3.05	0.37	9.9	7.2	790
Q924879		2.16	18.45	0.15	1.8	0.024	2.62	20.3	17.1	0.20	608	1.56	1.13	9.8	5.2	690
Q924880		2.26	18.25	0.09	1.7	0.028	2.53	19.7	33.7	0.17	644	1.96	0.77	9.4	5.7	710
Q924881		3.59	14.35	0.09	0.5	0.233	2.30	20.5	13.6	0.94	1250	1.22	1.10	7.0	3.2	500
Q924882		3.46	14.60	0.08	0.5	0.239	2.28	19.8	13.8	0.90	1240	1.39	1.11	7.2	3.1	510
Q924883		3.34	15.10	0.08	0.6	0.095	1.97	21.8	16.7	0.81	1060	1.40	1.31	8.0	4.1	530
Q924884		2.72	14.95	0.08	0.5	0.388	1.80	16.8	15.6	0.71	912	0.93	1.20	7.1	2.9	490
Q924885		4.92	14.60	0.10	1.1	0.293	2.90	27.6	26.6	0.76	1860	13.75	0.15	6.0	14.0	520
Q924886		1.82	15.40	0.07	0.7	0.174	1.39	13.6	13.2	0.96	810	1.08	1.99	7.7	3.0	490
Q924887		2.91	14.45	0.08	0.4	0.284	1.69	18.4	17.4	0.94	1040	0.85	1.32	6.7	3.0	490
Q924888		3.30	13.60	0.09	0.5	0.123	2.90	24.2	22.2	1.17	4450	1.27	0.06	7.1	3.5	480
Q924889		3.23	15.30	0.08	0.4	0.048	2.42	23.4	23.2	0.81	1780	1.27	0.35	7.5	3.7	510
Q924890		4.02	15.45	0.09	0.4	2.79	2.78	25.9	32.3	0.88	1420	0.81	0.05	7.2	3.2	520
Q924891		2.62	17.30	0.10	2.7	0.088	3.40	33.2	14.3	1.02	1780	2.94	0.06	9.1	7.7	650
Q924892		3.67	16.75	0.09	1.0	0.281	3.35	23.6	47.8	0.88	1980	20.7	0.05	6.9	4.2	610
Q924893		0.47	0.32	0.11	<0.1	0.009	0.06	0.8	1.7	12.35	204	0.14	0.01	0.3	1.4	220
Q924894		3.46	15.60	0.09	0.6	0.118	2.91	27.0	57.6	0.98	1680	0.89	0.06	8.0	3.8	550
Q924895		2.49	16.35	0.11	3.1	0.031	2.32	29.4	75.1	1.03	915	1.52	0.09	9.3	4.5	830
Q924896		3.01	14.60	0.08	0.5	0.051	2.83	25.3	35.1	0.91	1680	0.85	0.04	7.5	3.2	530
Q924897		4.20	16.10	0.10	1.3	0.253	3.34	30.2	14.3	0.84	4720	2.16	0.04	7.7	4.4	540
Q924898		0.48	0.25	0.11	<0.1	<0.005	0.04	0.6	1.3	12.55	209	0.09	<0.01	0.2	1.5	180
Q924899		3.44	15.10	0.11	0.5	0.127	2.95	24.9	30.1	0.89	2330	0.97	0.13	7.5	2.9	490
Q924900		3.12	15.05	0.09	0.5	0.091	2.53	23.9	13.9	0.84	1020	1.87	1.18	7.2	2.9	490
Q924901		6.45	14.85	0.09	1.0	0.799	2.88	24.6	19.9	0.75	1790	8.66	0.12	6.3	11.8	530
Q924902		1.91	15.05	0.09	0.5	0.083	2.03	15.1	10.3	0.83	816	1.82	1.80	7.0	2.4	440
Q924903		3.01	14.90	0.08	0.6	0.042	1.99	20.3	11.7	1.00	897	0.97	2.19	7.9	3.1	520
Q924904		2.99	15.05	0.07	0.5	0.496	2.05	20.9	18.1	0.90	844	1.16	2.08	8.0	3.2	520
Q924905		2.79	17.65	0.11	2.7	0.032	2.37	30.6	47.8	1.31	825	1.62	2.03	9.7	11.8	910
Q924906		4.55	16.70	0.10	1.9	0.438	2.64	26.4	32.4	0.99	790	24.9	1.17	8.0	8.9	690
Q924907		2.53	16.60	0.11	2.5	0.037	2.41	31.7	62.4	1.12	661	1.42	1.64	9.1	10.0	860
Q924908		2.44	16.85	0.10	2.5	0.032	2.42	26.8	64.7	1.03	623	1.21	1.68	9.2	10.3	860
Q924909		2.89	14.95	0.09	0.6	0.057	2.12	20.0	26.7	0.75	838	1.07	2.36	7.5	3.4	510
Q924910		2.84	14.40	0.10	0.5	0.071	3.13	27.4	24.4	1.07	2540	1.40	0.05	6.9	3.2	490
Q924911		3.20	15.15	0.07	0.6	0.043	2.06	21.3	63.7	0.79	796	1.11	0.51	8.3	3.3	550
Q924912		2.75	14.20	0.08	0.8	0.105	2.05	25.3	33.2	1.05	1150	1.91	0.18	7.5	3.3	510

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104750

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924877		269	119.5	<0.002	0.13	15.80	10.5	1	4.9	119.0	0.69	0.06	11.5	0.260	2.26	2.7
Q924878		42.8	97.7	<0.002	0.04	12.60	6.7	1	1.6	258	0.76	<0.05	10.1	0.244	1.95	3.9
Q924879		21.4	88.0	<0.002	0.02	5.85	4.9	<1	1.4	281	0.78	<0.05	9.1	0.186	1.48	2.0
Q924880		21.1	82.6	<0.002	0.02	7.32	5.2	<1	1.3	274	0.73	<0.05	8.9	0.184	1.23	2.0
Q924881		288	107.5	<0.002	1.68	5.53	10.6	1	5.9	282	0.56	0.54	9.9	0.259	1.52	3.8
Q924882		311	97.6	<0.002	1.70	5.54	11.1	1	5.9	278	0.58	0.47	10.0	0.260	1.53	3.9
Q924883		47.1	74.5	<0.002	0.55	4.11	11.5	1	2.5	276	0.66	<0.05	12.0	0.273	1.15	3.3
Q924884		147.0	67.9	<0.002	0.41	12.60	11.2	1	2.9	238	0.56	<0.05	9.5	0.271	1.23	2.9
Q924885		475	158.5	0.002	2.65	27.0	9.1	1	5.2	107.0	0.49	0.31	11.0	0.198	2.32	5.0
Q924886		207	49.7	<0.002	0.31	4.19	13.1	1	4.7	335	0.63	0.07	9.5	0.294	1.21	3.1
Q924887		143.5	64.1	<0.002	0.72	11.05	10.2	1	3.7	299	0.50	0.08	9.0	0.264	1.14	2.4
Q924888		456	150.5	<0.002	1.07	15.40	9.9	1	4.2	212	0.59	0.06	10.5	0.237	2.81	3.9
Q924889		93.1	101.0	<0.002	0.39	12.30	10.4	1	4.0	163.0	0.62	0.08	11.1	0.270	2.02	2.9
Q924890		381	139.0	<0.002	1.88	12.60	10.7	1	5.9	97.9	0.56	0.07	11.0	0.265	2.39	2.8
Q924891		93.6	156.5	<0.002	0.47	8.43	7.4	1	2.6	114.5	0.70	<0.05	10.5	0.247	3.40	5.6
Q924892		166.0	163.5	0.003	2.29	26.4	10.6	1	5.7	164.5	0.55	0.38	10.4	0.275	2.75	4.0
Q924893		2.3	2.4	<0.002	<0.01	0.13	0.2	<1	<0.2	47.2	<0.05	<0.05	0.2	0.005	0.03	0.7
Q924894		96.6	154.0	<0.002	0.99	11.15	11.1	1	3.1	161.0	0.69	1.55	12.5	0.272	2.51	3.9
Q924895		11.1	85.3	<0.002	0.10	11.95	6.7	1	1.3	295	0.69	0.05	10.6	0.265	1.49	5.0
Q924896		31.2	144.0	<0.002	0.70	13.05	10.3	1	1.8	137.0	0.61	<0.05	11.8	0.250	2.38	3.0
Q924897		368	171.5	<0.002	3.05	18.55	8.8	1	6.1	115.0	0.64	<0.05	12.0	0.251	3.16	4.1
Q924898		1.9	1.6	<0.002	0.02	0.08	0.2	<1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	0.02	1.1
Q924899		184.0	128.5	<0.002	1.30	11.20	10.3	1	4.0	169.5	0.65	<0.05	13.8	0.260	2.53	3.8
Q924900		45.8	115.5	<0.002	0.71	5.60	10.5	1	2.6	222	0.64	0.28	12.8	0.251	1.75	3.4
Q924901		1290	165.0	<0.002	4.59	64.8	9.5	2	7.6	96.8	0.52	1.31	11.3	0.205	2.42	5.2
Q924902		25.3	91.6	<0.002	0.42	2.11	10.3	1	3.1	240	0.56	0.26	10.4	0.252	1.56	2.9
Q924903		24.5	67.8	<0.002	0.12	1.83	10.5	1	1.7	374	0.69	<0.05	10.9	0.275	0.91	2.8
Q924904		34.6	80.1	<0.002	0.24	3.61	10.8	1	1.8	380	0.68	<0.05	11.6	0.261	1.04	3.3
Q924905		20.1	90.4	<0.002	0.32	6.79	7.6	1	1.5	481	0.70	<0.05	9.7	0.272	1.41	5.3
Q924906		972	118.0	0.004	3.22	30.4	8.5	3	5.4	312	0.61	3.30	9.6	0.235	1.76	4.4
Q924907		32.9	98.7	<0.002	0.16	7.51	7.4	1	1.5	389	0.65	0.05	10.0	0.253	1.49	5.0
Q924908		23.0	87.8	<0.002	0.13	7.16	7.5	1	1.5	376	0.68	<0.05	9.4	0.259	1.52	5.0
Q924909		14.8	82.9	<0.002	0.08	3.19	10.6	1	1.5	502	0.72	<0.05	12.1	0.248	1.24	3.9
Q924910		117.5	164.0	<0.002	0.71	8.19	10.6	1	2.4	189.0	0.57	<0.05	11.7	0.242	2.74	3.7
Q924911		32.1	65.5	<0.002	0.18	6.66	11.3	1	1.6	208	0.73	<0.05	11.5	0.269	1.02	3.0
Q924912		76.2	84.7	<0.002	0.41	10.30	11.3	1	1.8	299	0.68	0.10	11.4	0.251	1.46	3.6

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104750

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924877		84	4.0	12.0	524	13.9
Q924878		62	1.5	11.6	260	77.4
Q924879		49	0.8	10.0	73	49.4
Q924880		49	1.0	10.8	81	52.4
Q924881		80	2.0	15.2	576	11.6
Q924882		81	2.0	15.4	577	10.6
Q924883		87	1.7	15.6	209	11.9
Q924884		82	1.1	13.5	344	11.3
Q924885		64	5.1	12.0	870	30.9
Q924886		83	1.1	15.3	239	16.1
Q924887		80	1.5	14.0	250	10.1
Q924888		71	2.9	15.4	1140	13.8
Q924889		83	1.8	13.7	287	10.3
Q924890		82	3.3	13.4	4340	8.7
Q924891		56	1.5	14.3	242	98.1
Q924892		86	9.5	12.7	757	31.2
Q924893		2	0.1	1.0	21	0.5
Q924894		85	3.6	15.1	181	14.8
Q924895		57	1.4	13.2	55	125.0
Q924896		82	2.2	14.4	85	12.8
Q924897		69	3.5	14.8	952	40.9
Q924898		2	0.1	0.8	14	0.7
Q924899		80	3.5	14.4	536	11.3
Q924900		77	2.4	14.5	114	11.1
Q924901		62	5.7	12.2	2380	30.7
Q924902		72	1.5	12.9	75	11.6
Q924903		83	1.4	14.3	81	12.9
Q924904		84	1.5	14.9	193	12.2
Q924905		65	2.5	13.5	64	101.5
Q924906		67	7.8	12.5	1070	66.2
Q924907		62	1.8	13.2	78	93.2
Q924908		63	1.8	12.4	69	93.0
Q924909		83	1.4	14.0	69	12.2
Q924910		80	2.4	15.1	203	11.0
Q924911		85	2.1	14.1	95	12.6
Q924912		78	2.1	15.9	154	20.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104750

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104751

Project: KLAZA

P.O. No.: BATCH 46

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104751

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924450		5.96	<0.005	0.12	7.46	20.3	1720	1.63	0.47	2.28	0.38	48.1	3.8	10	24.7	1.2
Q924451		9.92	<0.005	0.11	7.94	24.0	1550	1.73	0.68	3.25	0.21	47.8	4.6	8	37.6	1.4
Q924452		5.89	<0.005	0.06	7.69	56.3	1310	1.67	0.53	3.64	0.16	39.8	5.3	8	22.7	1.2
Q924453		3.11	<0.005	0.05	7.77	13.9	4610	1.61	0.28	2.66	0.13	49.0	5.1	11	21.3	1.2
Q924454		12.03	<0.005	0.05	7.36	11.8	3260	1.37	0.21	2.53	0.10	49.7	5.6	10	19.30	3.2
Q924455		10.03	<0.005	0.05	7.53	10.5	2740	1.40	0.15	1.97	0.07	53.2	4.4	9	19.55	3.0
Q924456		0.23	0.929	11.95	6.67	1620	380	1.44	12.55	1.92	34.1	47.6	18.2	20	14.10	287
Q924457		2.94	<0.005	0.22	6.12	39.4	560	1.25	0.34	5.33	0.22	48.2	6.4	6	17.50	5.7
Q924458		9.68	<0.005	0.07	7.15	11.1	4440	1.37	0.17	1.78	0.12	43.1	6.9	9	24.0	3.8
Q924459		7.54	<0.005	0.04	6.44	12.1	3080	1.39	0.15	2.56	0.06	36.1	3.5	7	22.1	4.9
Q924460		10.45	<0.005	0.08	7.01	31.6	1720	1.48	0.20	2.46	0.15	40.5	4.5	8	22.7	3.6
Q924461		4.60	<0.005	0.06	6.83	32.6	1890	1.56	0.17	2.92	0.11	42.0	5.6	8	19.30	7.0
Q924462		5.73	<0.005	0.04	7.05	21.0	4970	1.48	0.15	2.42	0.10	43.7	7.5	9	30.1	4.8
Q924463		10.06	<0.005	0.04	7.34	11.1	5360	1.43	0.18	1.95	0.06	45.7	7.9	9	26.1	2.6
Q924464		3.96	<0.005	0.05	7.79	9.0	6310	1.33	0.17	1.59	0.07	49.9	8.3	6	17.55	1.3
Q924465		3.87	<0.005	0.10	7.07	15.3	940	1.31	0.24	2.08	0.10	51.6	5.8	7	15.90	1.9
Q924466		4.87	<0.005	0.02	0.09	1.0	80	0.07	0.02	21.5	0.06	1.35	0.8	1	0.47	1.7
Q924467		6.60	<0.005	0.06	6.85	37.1	2850	1.29	0.15	2.56	0.11	48.9	5.6	8	11.30	2.2
Q924468		<0.02	<0.005	0.07	6.61	38.9	2780	1.30	0.16	2.47	0.12	49.8	5.6	9	11.35	2.1
Q924469		4.24	<0.005	0.04	7.26	13.5	7320	1.38	0.25	2.35	0.06	45.1	4.3	8	19.85	1.8
Q924470		7.97	<0.005	0.06	7.64	22.2	3020	1.95	0.65	2.90	0.21	40.5	4.9	8	29.8	1.3
Q924471		8.42	<0.005	0.08	7.40	15.0	3580	1.61	0.48	2.79	0.15	44.0	4.5	8	21.3	1.4
Q924472		8.72	<0.005	0.05	7.25	38.8	2820	1.75	0.65	2.51	0.08	39.3	12.6	11	20.2	1.9
Q924473		0.23	0.874	11.40	6.54	1585	490	1.38	12.50	1.86	34.4	47.8	17.9	20	14.15	279
Q924474		7.27	<0.005	0.12	6.55	38.8	780	1.48	0.28	3.25	0.34	38.9	5.4	8	20.9	4.0
Q924475		11.46	<0.005	0.12	6.82	32.4	1420	1.55	0.24	3.29	0.26	45.7	6.2	9	20.7	3.2
Q924476		7.55	<0.005	0.09	7.19	15.2	2370	1.36	0.20	2.14	0.13	42.7	13.7	10	18.70	17.0
Q924477		5.55	0.035	0.37	7.02	53.6	1750	1.47	0.29	3.84	0.25	50.3	14.9	9	20.1	4.1
Q924478		6.54	<0.005	0.03	0.07	<0.2	30	0.06	0.15	21.5	0.07	1.19	1.2	1	0.17	7.8
Q924479		8.41	<0.005	0.09	7.11	15.2	2180	1.66	0.11	1.83	0.10	46.8	5.8	10	15.75	4.1
Q924480		6.31	0.008	0.09	6.83	39.9	2420	1.66	0.09	2.12	0.20	45.6	3.8	10	16.60	3.1
Q924481		11.15	<0.005	0.06	7.13	11.7	2210	1.62	0.10	2.15	0.07	45.3	4.5	10	13.60	2.9
Q924482		11.24	<0.005	0.08	7.40	21.8	2380	1.88	0.26	2.16	0.07	50.0	5.6	9	16.85	2.3
Q924483		11.62	<0.005	0.10	7.15	13.7	2100	1.80	0.31	2.54	0.09	41.1	8.9	10	15.75	1.7
Q924484		10.30	<0.005	0.08	7.12	13.5	2430	1.86	0.25	3.37	0.08	38.8	7.7	9	14.35	2.3
Q924485		11.33	<0.005	0.05	7.03	11.1	2210	1.70	0.20	3.13	0.07	42.4	7.8	10	11.65	2.8

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924450		2.99	18.25	0.09	1.1	0.052	1.97	24.6	31.9	0.78	478	0.16	2.62	8.7	2.7	640
Q924451		3.33	20.3	0.08	1.5	0.099	1.28	23.1	26.7	0.88	589	0.19	3.79	9.8	2.8	660
Q924452		2.94	17.50	0.10	1.6	0.051	1.49	18.3	29.9	0.72	715	0.10	3.90	9.4	2.8	670
Q924453		3.13	17.50	0.10	1.4	0.049	1.81	24.8	31.9	0.79	565	0.16	3.23	8.8	2.6	640
Q924454		3.09	16.30	0.10	1.2	0.054	2.69	24.7	23.7	0.96	514	0.14	2.74	8.9	2.9	660
Q924455		2.52	16.25	0.11	1.1	0.038	3.13	27.7	22.0	0.78	397	0.22	2.44	8.2	2.5	600
Q924456		6.65	15.75	0.09	1.2	0.824	2.87	25.1	20.8	0.79	1820	8.85	0.13	6.5	12.5	560
Q924457		2.47	13.15	0.11	0.8	0.030	1.81	26.1	44.7	1.14	1090	0.15	0.90	6.6	2.7	470
Q924458		2.92	15.20	0.10	0.9	0.042	2.56	22.1	17.2	0.65	429	0.17	2.59	7.8	2.6	590
Q924459		2.45	14.20	0.09	0.9	0.045	2.82	17.6	18.4	0.82	507	0.17	2.18	7.3	2.3	550
Q924460		2.40	16.45	0.09	1.0	0.046	2.23	19.9	108.0	0.81	602	0.23	0.87	8.2	3.0	590
Q924461		2.53	15.25	0.10	0.9	0.041	2.18	20.9	108.5	0.93	686	0.17	0.77	8.0	2.9	580
Q924462		3.11	13.90	0.09	1.0	0.042	2.71	21.9	63.2	0.79	603	0.18	2.01	7.9	2.5	590
Q924463		2.97	15.30	0.10	1.0	0.036	2.63	23.4	27.9	0.63	486	0.17	2.13	8.3	2.3	580
Q924464		2.93	15.55	0.12	1.1	0.037	2.81	26.9	29.8	0.60	504	0.20	1.86	7.4	1.9	500
Q924465		2.15	16.50	0.10	1.1	0.039	2.13	27.9	95.4	0.72	566	0.12	0.66	7.4	2.4	520
Q924466		0.52	0.32	0.22	<0.1	<0.005	0.04	0.6	1.6	13.30	223	0.08	0.01	0.3	1.8	190
Q924467		2.36	14.00	0.17	1.2	0.029	2.48	25.5	71.6	0.89	588	0.18	2.14	8.5	2.6	580
Q924468		2.33	14.30	0.12	1.3	0.030	2.42	25.6	70.6	0.85	575	0.20	2.10	8.5	2.8	570
Q924469		2.58	15.40	0.09	1.6	0.042	2.57	22.4	23.0	0.64	475	0.12	2.79	8.5	2.3	540
Q924470		3.33	20.6	0.07	1.2	0.055	2.03	18.8	46.4	0.75	833	0.15	2.51	9.3	2.7	620
Q924471		2.75	16.60	0.12	1.3	0.047	1.83	21.8	24.3	0.82	642	0.14	2.84	8.5	2.5	580
Q924472		3.22	18.10	0.11	1.2	0.057	2.03	18.2	269	0.67	832	0.30	2.15	9.8	3.1	710
Q924473		6.49	15.85	0.07	1.1	0.829	2.86	25.3	21.3	0.77	1780	9.19	0.13	6.7	12.2	540
Q924474		2.33	16.20	0.10	1.0	0.038	2.84	18.7	63.3	1.12	691	1.76	0.04	8.1	2.7	580
Q924475		2.79	15.60	0.13	1.1	0.038	2.84	22.9	40.9	1.14	702	0.44	0.50	8.1	2.6	600
Q924476		2.87	15.85	0.11	1.1	0.044	3.33	21.6	29.2	0.68	480	0.44	1.40	8.3	2.7	610
Q924477		3.00	16.50	0.11	1.1	0.049	2.83	27.2	44.2	1.27	898	0.21	0.58	7.5	2.7	530
Q924478		0.49	0.28	<0.05	<0.1	0.005	0.02	0.6	1.1	13.20	213	0.15	0.01	0.3	3.3	190
Q924479		2.60	16.25	0.09	1.1	0.042	3.23	23.6	23.2	0.58	463	0.45	2.18	8.4	2.8	580
Q924480		2.49	15.50	0.08	1.2	0.044	3.30	22.4	25.1	0.65	758	0.42	1.50	8.2	2.8	560
Q924481		2.61	16.35	0.09	1.1	0.036	3.14	23.8	21.7	0.61	410	0.36	2.03	8.7	2.7	580
Q924482		2.61	17.50	0.09	1.2	0.054	2.83	27.0	30.7	0.62	443	0.31	2.30	8.5	3.0	600
Q924483		2.81	17.25	0.10	1.2	0.048	2.57	20.9	19.5	0.52	407	0.39	2.72	8.8	2.8	570
Q924484		2.72	17.65	0.10	1.2	0.044	2.93	19.3	15.1	0.68	493	0.39	2.62	8.7	2.7	600
Q924485		2.79	16.60	0.10	1.2	0.037	2.74	21.1	18.8	0.71	438	1.19	2.52	8.5	2.8	590

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924450		32.5	92.0	<0.002	0.04	17.10	11.3	1	1.6	232	0.68	<0.05	13.5	0.286	1.26	4.5
Q924451		25.0	49.7	<0.002	0.04	37.1	11.0	1	1.7	380	0.86	<0.05	13.9	0.290	1.02	4.9
Q924452		20.0	49.2	<0.002	0.08	23.5	11.0	1	1.5	255	0.84	<0.05	12.5	0.297	1.00	4.5
Q924453		15.5	79.7	<0.002	0.17	9.59	11.1	1	1.6	458	0.77	<0.05	14.7	0.270	1.06	4.6
Q924454		18.2	97.7	<0.002	0.04	6.39	11.5	1	1.8	336	0.68	<0.05	13.4	0.287	1.23	4.2
Q924455		18.0	128.0	<0.002	0.01	8.44	10.7	1	1.8	243	0.70	<0.05	14.2	0.251	1.42	3.6
Q924456		1340	173.5	0.002	4.72	65.1	9.5	2	7.9	98.2	0.50	1.15	11.5	0.213	2.54	5.4
Q924457		23.8	81.8	<0.002	0.19	14.55	9.0	1	1.8	260	0.62	<0.05	12.6	0.200	2.39	5.0
Q924458		26.1	103.0	<0.002	0.09	7.74	9.5	1	1.7	268	0.61	<0.05	13.4	0.246	1.25	3.2
Q924459		12.5	93.7	<0.002	0.03	13.45	8.8	1	1.7	281	0.54	<0.05	10.5	0.232	1.35	2.5
Q924460		21.1	82.2	<0.002	0.19	22.5	10.3	1	1.8	200	0.65	<0.05	12.4	0.257	2.48	4.9
Q924461		13.2	76.4	<0.002	0.24	21.7	9.9	1	2.2	204	0.59	<0.05	12.4	0.244	2.29	4.7
Q924462		16.3	100.0	0.002	0.28	15.20	10.0	1	1.8	240	0.70	<0.05	13.5	0.237	2.56	3.1
Q924463		11.7	109.5	<0.002	0.11	11.55	10.4	1	1.7	252	0.69	<0.05	12.8	0.242	1.43	2.9
Q924464		10.4	120.0	<0.002	0.15	11.00	8.8	1	1.5	232	0.63	<0.05	15.7	0.210	1.44	2.8
Q924465		11.0	101.5	<0.002	0.11	18.55	9.0	1	1.6	127.0	0.59	<0.05	15.4	0.227	1.51	4.2
Q924466		1.8	2.2	<0.002	0.01	0.16	0.2	<1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q924467		10.3	90.8	<0.002	0.18	12.55	9.5	1	1.7	236	0.65	<0.05	14.7	0.246	1.64	5.6
Q924468		11.3	91.7	<0.002	0.18	12.85	9.6	1	1.8	230	0.66	<0.05	14.2	0.240	1.64	5.3
Q924469		16.7	101.0	<0.002	0.16	12.85	9.4	1	1.6	462	0.79	<0.05	15.8	0.232	1.37	5.4
Q924470		30.3	82.8	<0.002	0.12	28.3	10.0	1	1.8	289	0.73	<0.05	13.5	0.271	1.68	4.4
Q924471		28.0	83.6	<0.002	0.12	11.50	9.8	1	1.5	382	0.69	<0.05	14.9	0.247	1.18	4.8
Q924472		15.8	72.8	<0.002	0.37	22.4	11.2	1	1.8	234	0.76	<0.05	12.8	0.299	2.41	4.9
Q924473		1340	170.5	<0.002	4.60	65.9	9.7	2	8.2	97.4	0.53	0.97	11.4	0.205	2.58	5.5
Q924474		17.9	77.4	<0.002	0.19	34.9	9.3	1	1.9	145.5	0.70	<0.05	11.2	0.235	2.90	4.5
Q924475		14.4	100.5	<0.002	0.18	32.3	9.9	1	1.7	191.0	0.71	<0.05	12.0	0.250	2.70	4.2
Q924476		18.6	132.5	<0.002	0.04	16.65	9.9	1	1.8	309	0.77	<0.05	12.3	0.241	1.67	2.9
Q924477		20.9	132.0	<0.002	0.28	14.60	9.4	1	1.7	253	0.67	<0.05	13.6	0.221	2.11	5.3
Q924478		3.1	1.4	<0.002	<0.01	0.13	0.2	1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q924479		17.0	138.0	<0.002	0.05	11.95	9.4	1	1.9	328	0.78	<0.05	14.0	0.249	1.46	3.3
Q924480		16.4	148.5	<0.002	0.14	11.30	9.3	1	1.8	311	0.88	<0.05	13.6	0.240	1.80	3.5
Q924481		14.8	135.0	<0.002	0.06	9.02	10.1	1	1.8	303	0.88	<0.05	12.6	0.244	1.43	3.0
Q924482		17.1	123.5	<0.002	0.16	9.69	10.2	1	1.7	267	0.78	<0.05	13.8	0.252	1.59	6.7
Q924483		17.8	113.5	<0.002	0.19	8.04	10.3	1	1.6	264	0.73	<0.05	14.0	0.252	1.16	8.0
Q924484		18.2	118.5	<0.002	0.21	9.98	10.3	1	1.7	335	0.72	<0.05	11.9	0.256	1.17	6.5
Q924485		18.1	116.5	<0.002	0.25	9.20	10.9	1	1.7	339	0.71	<0.05	13.0	0.254	0.99	4.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924450		77	2.8	15.7	80	27.2
Q924451		82	1.4	17.0	39	40.2
Q924452		73	4.7	14.4	35	41.1
Q924453		75	2.4	16.2	44	38.7
Q924454		68	2.1	17.1	39	28.0
Q924455		62	5.6	15.0	32	26.3
Q924456		64	6.1	11.8	2500	30.4
Q924457		55	3.4	16.5	54	20.5
Q924458		62	3.6	13.1	40	21.3
Q924459		59	3.4	12.1	31	21.3
Q924460		64	2.4	14.6	38	23.0
Q924461		60	2.2	15.2	36	22.5
Q924462		59	2.2	15.3	37	23.3
Q924463		65	4.4	15.1	30	24.0
Q924464		60	4.2	14.6	31	26.4
Q924465		67	2.1	13.3	35	29.1
Q924466		2	0.1	0.8	16	<0.5
Q924467		63	2.4	13.8	36	35.5
Q924468		62	2.4	13.6	37	37.2
Q924469		62	1.4	15.4	32	44.6
Q924470		85	4.7	14.1	50	29.7
Q924471		64	1.5	15.1	47	33.9
Q924472		74	2.5	14.3	36	27.3
Q924473		64	6.2	11.8	2410	31.1
Q924474		68	2.3	14.0	60	25.2
Q924475		64	2.8	15.6	59	24.8
Q924476		66	2.7	14.1	41	24.5
Q924477		69	2.5	15.3	49	21.9
Q924478		1	0.1	0.8	15	<0.5
Q924479		64	3.1	13.8	33	25.6
Q924480		63	2.9	13.7	36	25.2
Q924481		63	2.4	14.5	29	25.2
Q924482		69	2.1	15.6	28	28.4
Q924483		65	2.3	16.6	30	29.0
Q924484		71	2.5	18.0	28	26.8
Q924485		71	2.4	18.4	25	26.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104751

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104752

Project: KLAZA

P.O. No.: BATCH 47

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

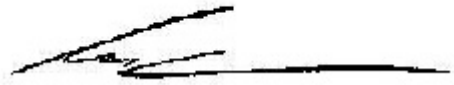
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104752

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924486		12.89	<0.005	0.06	7.09	12.4	1970	1.68	0.20	2.28	0.06	47.7	7.5	11	10.30	3.5
Q924487		11.63	<0.005	0.06	7.33	12.1	2060	1.83	0.14	2.29	0.15	49.8	7.2	11	8.86	6.5
Q924488		11.21	<0.005	0.09	7.33	11.3	2020	1.69	0.16	2.20	0.15	50.9	6.5	10	9.76	15.0
Q924489		10.77	<0.005	0.07	7.32	13.1	1970	1.79	0.11	2.03	0.12	47.5	4.6	12	8.53	10.7
Q924490		<0.02	<0.005	0.06	7.31	8.4	2000	1.75	0.12	2.06	0.13	49.7	4.6	12	8.56	10.9
Q924491		11.50	<0.005	0.07	7.27	7.9	1880	1.65	0.17	2.06	0.06	51.1	4.2	9	8.75	12.3
Q924492		11.86	<0.005	0.05	7.30	10.6	1890	1.81	0.22	2.23	0.08	50.4	4.2	8	7.85	9.0
Q924493		11.54	<0.005	0.10	7.47	10.4	2120	1.96	0.27	2.13	0.14	49.9	4.1	9	8.66	17.9
Q924494		11.49	<0.005	0.11	7.53	9.0	2050	2.09	0.16	2.18	0.09	49.5	4.4	9	9.78	25.3
Q924495		6.02	<0.005	0.13	7.38	10.4	2060	1.90	0.14	2.22	0.12	48.9	4.8	9	9.41	28.3
Q924496		10.99	<0.005	0.13	7.24	8.4	1960	1.41	0.19	2.44	0.10	47.0	4.6	8	8.10	22.8
Q924497		10.47	<0.005	0.09	7.44	8.9	2120	1.62	0.22	2.27	0.10	52.5	3.3	9	10.80	12.2
Q924498		11.32	<0.005	0.13	7.91	15.0	2450	1.56	0.27	2.18	0.12	53.5	6.0	9	11.30	26.0
Q924499		6.32	<0.005	0.25	7.49	10.9	2300	1.61	0.20	1.73	0.11	52.9	4.8	8	14.10	56.8
Q924500		2.99	<0.005	0.08	7.18	13.2	2040	1.17	0.41	2.50	0.09	40.0	8.2	9	20.3	21.2
Q924501		5.16	<0.005	0.12	5.85	15.7	1260	1.64	0.27	2.42	0.23	26.0	8.0	8	18.70	8.2
Q924502		6.59	<0.005	0.13	7.60	15.6	2020	1.75	0.36	2.05	0.14	42.6	10.5	9	22.7	18.0
Q924503		5.62	<0.005	0.18	7.61	31.5	2130	1.65	0.64	1.93	0.09	49.2	8.4	8	17.05	7.1
Q924504		12.05	<0.005	0.12	7.72	7.0	2210	1.70	0.14	2.72	0.10	45.5	8.0	9	11.05	9.0
Q924505		7.23	<0.005	0.12	6.28	1145	5180	1.35	0.17	2.95	0.12	32.5	8.6	8	19.80	16.6
Q924506		5.60	<0.005	<0.01	0.12	3.8	30	0.10	0.02	20.5	0.08	1.38	0.7	<1	0.31	1.4
Q924507		5.67	<0.005	0.17	7.14	23.7	1740	1.64	0.44	3.00	0.21	47.4	8.7	8	17.15	13.5
Q924508		7.03	<0.005	0.06	7.02	9.5	2090	1.63	0.12	3.08	0.09	45.5	8.2	11	18.95	8.5
Q924509		6.00	0.005	0.26	7.02	42.8	2040	1.60	0.13	2.85	0.23	46.8	8.0	9	15.30	10.8
Q924510		0.23	0.952	11.80	6.73	1610	490	1.47	12.60	1.91	33.6	48.4	18.3	18	12.70	296
Q924511		6.44	<0.005	0.15	7.02	17.4	1360	1.53	0.22	2.76	0.74	48.6	8.3	8	23.7	10.1
Q924512		8.60	<0.005	0.12	7.49	11.9	2110	1.44	0.37	2.64	0.13	50.2	8.6	10	13.40	11.2
Q924513		0.23	0.867	11.75	6.55	1565	410	1.44	11.95	1.85	32.1	46.9	17.9	18	12.30	286
Q924514		2.25	0.088	2.73	6.08	227	650	1.47	3.36	4.37	0.93	42.5	9.1	6	18.40	14.5
Q924515		2.67	<0.005	0.01	0.09	0.6	20	0.10	0.04	20.9	0.08	1.24	0.7	<1	0.30	1.4
Q924516		7.46	<0.005	0.14	7.49	7.6	2050	1.57	0.26	2.88	0.15	48.9	8.1	10	10.95	13.4
Q924517		4.32	0.006	0.39	6.78	39.0	2300	1.50	0.90	3.72	1.71	44.7	10.2	9	12.60	4.6
Q924518		4.49	<0.005	0.06	7.23	3.8	2160	1.58	0.11	2.70	0.09	53.1	8.6	9	11.30	9.4
Q924519		6.02	<0.005	0.06	7.23	7.1	1970	1.51	0.15	2.00	0.12	52.5	8.2	9	14.10	9.9
Q924520		3.71	<0.005	0.06	6.85	6.2	2230	1.59	0.13	2.66	0.06	46.0	8.2	9	13.85	8.0
Q924521		7.88	<0.005	0.05	7.38	3.8	2220	1.65	0.12	2.78	0.08	51.7	8.2	10	11.35	10.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104752

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924486		2.73	15.10	0.11	1.2	0.040	2.79	24.2	21.6	0.78	429	0.88	2.58	9.0	2.9	600
Q924487		2.84	16.35	0.10	1.2	0.042	2.90	25.2	24.8	0.83	451	1.04	2.62	9.4	2.9	610
Q924488		2.91	15.85	0.10	1.0	0.049	2.91	27.0	22.0	0.81	486	1.02	2.50	8.3	2.6	580
Q924489		2.80	15.25	0.14	1.1	0.040	2.80	25.3	24.6	0.84	462	0.84	2.40	8.7	3.3	570
Q924490		2.75	15.20	0.17	0.9	0.036	2.86	25.4	24.4	0.84	471	0.97	2.36	8.3	2.9	570
Q924491		2.81	16.30	0.17	1.1	0.054	2.84	26.4	20.9	0.80	532	0.78	2.20	8.9	2.7	570
Q924492		2.65	16.20	0.17	1.1	0.061	2.65	26.6	20.8	0.80	584	0.38	2.41	8.8	2.6	540
Q924493		2.90	16.05	0.16	1.1	0.057	2.86	26.3	23.7	0.85	552	0.56	2.54	9.8	3.0	590
Q924494		2.89	15.90	0.15	1.1	0.048	3.01	25.2	24.6	0.77	647	0.87	2.31	9.7	2.7	570
Q924495		2.92	15.70	0.16	1.1	0.059	2.90	25.5	24.7	0.80	640	0.64	2.23	9.8	2.8	570
Q924496		3.09	15.10	0.19	0.9	0.064	2.86	24.9	15.6	0.81	1020	0.57	1.92	7.7	2.5	550
Q924497		3.01	16.05	0.16	0.9	0.060	2.97	27.6	16.6	0.82	622	0.39	2.23	8.5	2.7	590
Q924498		3.21	16.55	0.17	1.0	0.066	3.16	28.5	23.9	0.90	613	0.69	2.09	8.6	2.9	620
Q924499		3.06	16.00	0.19	0.9	0.047	3.39	28.4	19.4	0.76	441	0.53	1.86	8.1	2.8	580
Q924500		2.97	16.50	0.15	1.3	0.040	2.77	16.5	27.8	0.57	774	1.20	0.28	8.6	3.2	630
Q924501		3.07	15.65	0.14	1.4	0.037	2.13	11.0	133.0	0.17	979	1.94	0.07	8.5	2.6	550
Q924502		3.16	17.25	0.17	1.6	0.040	2.59	18.4	200	0.25	776	1.42	0.61	9.7	4.0	680
Q924503		2.84	16.15	0.16	1.4	0.037	2.70	24.9	58.9	0.38	758	1.58	0.31	8.5	2.9	620
Q924504		2.95	16.45	0.15	1.2	0.039	2.76	20.8	25.1	0.62	612	0.94	2.00	8.1	3.0	630
Q924505		2.71	15.75	0.18	1.1	0.043	2.53	13.4	53.9	0.25	812	1.10	0.31	7.8	3.4	580
Q924506		0.49	0.38	0.24	<0.1	0.007	0.04	0.7	1.6	12.95	211	0.08	0.01	0.3	1.6	170
Q924507		2.99	15.95	0.24	1.1	0.045	2.92	21.6	48.1	0.88	2400	0.75	0.93	8.0	2.8	600
Q924508		3.03	16.15	0.20	1.2	0.039	2.70	19.0	21.5	0.81	876	2.09	1.89	8.3	3.2	650
Q924509		3.24	15.55	0.20	1.1	0.090	3.01	21.0	25.8	0.90	1360	2.63	1.13	8.3	2.7	660
Q924510		6.70	15.55	0.15	1.0	0.796	2.95	25.2	19.7	0.79	1810	8.77	0.13	6.7	11.9	540
Q924511		2.90	15.70	0.17	1.1	0.041	2.46	23.3	110.0	0.94	1000	1.34	0.09	8.0	2.8	650
Q924512		3.17	16.20	0.17	1.1	0.042	2.76	25.7	21.8	0.78	797	1.20	1.62	8.4	2.9	620
Q924513		6.52	14.80	0.17	1.1	0.800	2.87	22.8	19.2	0.77	1780	8.59	0.13	6.5	11.7	520
Q924514		4.67	12.30	0.16	1.0	0.147	2.65	21.1	33.9	1.52	3990	1.39	0.07	6.3	2.6	470
Q924515		0.47	0.28	0.19	<0.1	<0.005	0.04	0.6	1.7	13.20	198	0.07	0.01	0.2	1.5	170
Q924516		3.07	15.50	0.26	1.2	0.042	3.00	22.2	17.2	0.87	1000	2.32	1.69	8.0	2.8	610
Q924517		3.33	15.15	0.21	1.1	0.092	3.09	21.9	29.2	1.13	2010	1.50	0.26	7.6	2.7	610
Q924518		3.33	16.25	0.19	1.2	0.037	2.62	26.2	13.9	0.87	694	3.09	2.22	8.6	2.9	700
Q924519		3.01	16.75	0.17	1.2	0.051	2.71	26.4	26.0	0.72	801	0.92	0.81	8.6	2.6	620
Q924520		2.89	15.65	0.15	1.2	0.038	2.61	20.9	20.8	0.72	665	3.31	1.81	8.3	3.0	580
Q924521		3.01	15.80	0.15	1.1	0.033	2.68	26.4	18.4	0.79	632	0.89	2.28	8.0	2.8	620

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104752

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924486		15.8	112.0	<0.002	0.11	7.91	10.3	1	1.6	289	0.69	<0.05	14.5	0.256	1.07	4.3
Q924487		20.8	120.5	<0.002	0.01	5.79	11.0	1	1.8	370	0.78	<0.05	16.0	0.259	1.07	5.1
Q924488		23.1	120.0	<0.002	0.01	5.84	10.7	1	1.7	403	0.64	<0.05	17.7	0.253	1.09	5.0
Q924489		17.3	118.5	<0.002	0.02	4.51	10.2	<1	1.5	395	0.63	<0.05	12.8	0.255	1.12	3.9
Q924490		17.1	123.5	<0.002	0.01	3.99	10.3	1	1.6	394	0.62	<0.05	13.7	0.256	1.07	4.2
Q924491		14.9	126.0	<0.002	0.01	5.47	10.9	<1	1.6	318	0.68	<0.05	12.6	0.256	1.12	3.6
Q924492		15.4	126.5	<0.002	0.04	6.20	9.9	<1	1.6	288	0.78	<0.05	13.1	0.243	1.22	5.1
Q924493		20.5	123.0	<0.002	0.01	4.48	10.3	<1	1.6	427	1.04	<0.05	13.5	0.265	1.22	5.1
Q924494		17.8	129.0	<0.002	0.02	6.31	10.1	<1	1.8	403	1.11	<0.05	13.5	0.255	1.28	4.6
Q924495		17.1	129.5	<0.002	0.02	6.74	10.8	<1	2.0	394	1.08	<0.05	13.0	0.265	1.21	4.9
Q924496		16.4	125.0	<0.002	0.12	5.31	9.8	<1	1.6	299	0.72	<0.05	11.2	0.245	1.26	3.6
Q924497		15.8	122.5	<0.002	0.03	5.64	10.7	1	1.6	328	0.60	<0.05	12.2	0.271	1.22	3.4
Q924498		17.8	142.0	<0.002	0.07	11.50	10.9	1	1.5	283	0.64	<0.05	13.3	0.274	1.33	4.2
Q924499		16.9	148.0	<0.002	0.02	10.80	10.5	<1	1.6	307	0.61	<0.05	12.3	0.262	1.34	2.5
Q924500		16.5	90.2	<0.002	0.02	9.54	11.2	1	3.5	165.5	0.66	<0.05	11.3	0.291	1.31	2.5
Q924501		13.8	75.7	<0.002	0.04	20.2	8.6	1	1.8	83.4	0.75	<0.05	7.1	0.259	1.16	2.2
Q924502		18.5	99.5	<0.002	0.04	11.05	11.4	<1	3.6	164.0	0.82	<0.05	11.7	0.303	1.33	2.6
Q924503		15.7	112.0	<0.002	0.14	9.83	10.6	<1	1.8	110.0	0.68	<0.05	13.5	0.266	1.62	3.4
Q924504		18.4	105.5	<0.002	0.01	3.40	10.7	1	2.0	354	0.60	<0.05	11.9	0.279	1.28	1.7
Q924505		20.5	86.6	<0.002	0.19	15.80	8.9	1	3.1	137.5	0.58	<0.05	8.7	0.262	3.69	2.8
Q924506		1.2	1.8	<0.002	<0.01	0.08	0.2	<1	<0.2	49.9	<0.05	<0.05	0.2	0.005	0.02	0.6
Q924507		21.7	113.0	<0.002	0.19	6.46	11.1	<1	1.6	214	0.62	<0.05	12.3	0.267	1.93	4.6
Q924508		15.2	97.8	<0.002	0.02	2.39	11.8	<1	1.6	352	0.64	<0.05	11.5	0.278	1.33	3.1
Q924509		25.0	130.0	<0.002	0.24	5.23	10.5	<1	1.6	241	0.60	<0.05	11.9	0.269	1.80	4.9
Q924510		1330	171.0	<0.002	4.76	63.3	9.5	2	7.8	101.0	0.52	1.12	10.7	0.214	2.72	4.7
Q924511		27.0	96.9	<0.002	0.17	14.05	11.0	1	1.7	139.5	0.62	<0.05	11.8	0.265	1.48	4.4
Q924512		17.4	113.5	<0.002	0.12	4.25	11.0	<1	1.8	307	0.64	<0.05	12.6	0.279	1.23	3.4
Q924513		1295	164.5	0.002	4.66	61.8	9.1	2	7.6	98.6	0.51	1.25	10.8	0.208	2.64	4.7
Q924514		255	146.5	<0.002	1.91	18.90	8.9	<1	1.7	120.0	0.49	<0.05	10.8	0.207	2.19	5.4
Q924515		2.0	1.8	<0.002	<0.01	0.09	0.2	<1	<0.2	51.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q924516		31.4	128.0	<0.002	0.10	2.66	10.8	<1	1.5	316	0.63	<0.05	12.9	0.269	1.49	4.0
Q924517		65.7	144.5	<0.002	0.87	9.53	10.6	1	1.6	123.5	0.59	<0.05	10.0	0.259	2.14	5.0
Q924518		14.6	110.0	<0.002	0.01	1.59	12.9	<1	1.7	364	0.63	<0.05	12.4	0.310	1.04	3.6
Q924519		14.7	107.5	<0.002	0.06	7.90	11.3	1	1.8	181.5	0.67	<0.05	13.6	0.263	1.19	5.2
Q924520		14.9	103.0	<0.002	0.04	2.61	10.5	1	1.7	319	0.66	<0.05	12.8	0.256	1.06	3.6
Q924521		14.8	103.0	<0.002	0.01	1.30	11.0	<1	1.6	392	0.59	<0.05	12.1	0.271	0.94	3.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104752

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924486		66	2.2	18.2	28	26.2
Q924487		68	1.6	20.0	32	28.7
Q924488		70	1.5	18.6	35	26.2
Q924489		67	1.2	15.0	42	22.2
Q924490		65	1.2	15.5	41	19.7
Q924491		70	2.0	16.1	44	22.2
Q924492		67	2.2	15.6	44	21.6
Q924493		69	1.4	16.6	48	21.6
Q924494		66	2.2	15.8	46	21.4
Q924495		69	1.9	16.5	45	21.3
Q924496		66	1.5	13.5	54	18.1
Q924497		72	1.9	14.9	47	20.5
Q924498		72	2.8	14.9	52	20.6
Q924499		68	3.5	13.5	45	18.6
Q924500		79	2.9	14.0	54	27.9
Q924501		76	6.6	11.2	77	30.1
Q924502		86	5.2	14.8	69	34.7
Q924503		75	3.7	16.2	61	31.8
Q924504		76	2.3	13.4	58	26.5
Q924505		72	2.9	11.0	62	25.9
Q924506		2	0.1	0.8	17	0.5
Q924507		73	4.1	14.9	76	26.0
Q924508		77	1.3	15.0	53	26.2
Q924509		74	2.1	14.3	91	25.1
Q924510		63	6.0	10.8	2450	27.3
Q924511		74	3.0	15.0	110	26.4
Q924512		77	1.1	14.9	56	25.2
Q924513		62	5.7	10.3	2410	26.1
Q924514		64	3.0	13.5	132	22.3
Q924515		2	0.1	0.8	17	<0.5
Q924516		74	1.1	14.9	62	26.8
Q924517		77	2.5	14.0	171	25.6
Q924518		88	1.4	16.5	52	26.8
Q924519		75	2.8	15.7	58	28.9
Q924520		70	2.3	14.6	49	27.0
Q924521		73	1.4	14.7	50	24.7

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104752

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104753

Project: KLAZA

P.O. No.: BATCH 52

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
SPL-21	Split sample - riffle splitter
SPL-21d	Split sample - duplicate
PUL-35a	Pulv 1 kg split to 95%<106 um
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
CRU-32	Fine Crushing 90% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

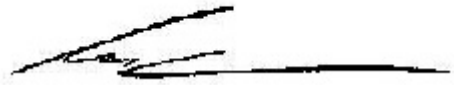
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104753

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q016809		4.95	0.193		2.31	6.86	406	870	1.28	1.95	2.09	6.83	58.0	7.2	12	19.45
Q016810		5.27	>10.0	66.2	>100	0.57	>10000	60	0.14	470	0.10	297	3.10	19.2	7	1.19
Q016811		4.61	0.345		6.66	3.99	632	400	0.98	2.27	4.48	27.7	25.4	8.2	8	10.85
Q016812		1.86	6.05		>100	3.20	4780	340	0.73	31.0	1.28	236	14.45	5.9	9	9.35
Q016813		3.12	0.026		0.52	0.05	73.2	20	0.08	0.45	19.40	0.67	0.99	0.6	1	0.16
Q016814		3.94	0.021		0.86	7.52	128.5	1550	1.70	0.32	2.59	2.43	50.4	9.5	15	15.90
Q016815		2.73	0.356		>100	6.22	682	600	1.37	2.51	1.40	346	51.4	11.4	14	14.40
Q016816		2.07	0.026		1.67	7.16	114.5	1180	1.76	0.37	2.19	3.27	75.0	10.2	30	33.7
Q016817		1.31	0.154		5.82	6.74	253	580	1.59	2.68	1.40	7.11	44.6	9.4	9	16.15
Q016818		0.22	4.49		>100	5.13	7980	250	1.10	65.9	1.88	221	31.9	9.5	18	11.25
Q016819		3.63	>10.0	14.30	>100	1.83	>10000	200	0.63	153.0	1.51	564	12.05	12.5	11	3.39
Q016820		2.73	0.013		1.03	0.06	77.5	30	0.07	0.82	21.2	1.07	1.10	0.7	1	0.22
Q016821		2.46	0.099		2.85	8.45	145.5	1670	2.99	0.85	1.52	4.14	77.9	11.0	26	61.4
Q016822		4.01	0.217		7.77	6.35	280	410	1.27	1.83	0.73	239	38.2	8.1	11	20.3
Q016823		3.43	0.006		0.22	7.17	26.2	1860	1.60	0.19	2.51	0.93	42.8	9.6	11	24.6
Q016824		<0.02	0.005		0.25	7.43	31.0	1870	1.67	0.22	2.56	0.90	47.4	9.5	11	25.2
Q016825		8.64	2.15		88.4	2.39	2490	260	0.63	89.9	1.92	7.74	11.80	39.0	13	6.87
Q016826		4.55	0.261		2.01	6.97	96.4	1790	1.61	1.78	2.55	4.45	49.5	10.3	11	18.45
Q016827		0.24	4.51		>100	5.31	8110	410	1.29	61.8	1.94	228	31.8	9.6	19	11.80
Q016828		1.85	>10.0	15.75	>100	0.76	3010	60	0.23	48.4	1.96	163.0	9.99	68.1	2	1.50
Q016829		2.12	>10.0	19.00	>100	2.62	4480	140	0.45	99.5	1.38	216	8.08	167.0	10	5.29
Q016830		1.71	2.51		20.3	6.06	895	700	1.03	8.94	0.44	18.30	33.9	12.4	12	10.25
Q016831		1.14	2.94		64.0	3.64	6380	250	0.64	117.0	1.06	38.7	75.4	10.9	10	4.93
Q016832		3.01	0.031		0.75	7.80	41.4	890	1.43	0.48	2.63	1.04	44.2	13.8	14	12.65
Q016833		3.13	0.193		3.73	7.21	438	290	1.27	1.64	0.97	8.59	49.3	9.8	17	9.13
Q016834		2.06	>10.0	42.0	>100	0.82	>10000	210	0.20	891	0.29	256	6.21	25.5	10	0.71
Q016835		0.76	0.614		19.65	6.26	1690	440	1.09	4.05	0.23	94.9	39.7	10.4	14	8.39
Q016836		3.87	0.050		1.57	7.53	193.0	1070	1.62	1.97	2.25	11.30	51.0	10.0	11	20.1
Q016837		<0.02	0.017		0.88	7.41	121.5	1080	1.42	0.75	2.25	11.50	47.9	10.0	11	19.70
Q016838		2.15	0.126		5.98	2.27	623	220	1.15	1.29	13.75	78.1	19.30	6.5	5	8.25
Q016839		1.08	0.746		96.8	3.49	7030	580	1.44	4.56	9.41	253	28.6	13.0	6	14.05
Q016840		7.01	0.007		0.57	7.53	33.1	1250	2.02	0.17	3.32	1.87	61.3	8.6	19	26.8
Q016841		7.05	0.014		1.17	7.27	57.4	1320	2.02	0.41	3.43	2.77	60.3	8.0	18	30.4
Q016842		5.23	4.70		>100	2.21	>10000	270	0.53	260	1.32	313	11.95	133.5	11	4.49
Q016843		11.44	0.034		3.72	7.35	89.7	1800	2.16	1.41	2.64	12.50	65.8	8.3	14	42.2
Q016844		1.31	0.747		92.5	2.81	1570	380	0.65	13.25	0.91	525	16.75	57.8	12	4.12

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q016809		69.7	4.15	15.25	0.12	1.1	0.202	3.19	30.2	41.2	0.71	4800	2.39	0.05	6.8	4.1
Q016810		8980	20.8	2.27	<0.05	0.1	6.00	0.27	1.6	3.4	0.05	1020	2.67	0.01	0.5	1.2
Q016811		67.8	4.97	9.60	<0.05	0.7	0.360	1.80	12.8	23.4	1.54	4860	4.15	0.02	4.0	2.8
Q016812		812	7.97	8.79	<0.05	0.4	2.33	1.35	7.1	22.2	0.48	16300	4.00	0.01	2.8	2.3
Q016813		13.1	0.48	0.17	<0.05	<0.1	0.010	0.02	0.5	0.8	11.95	221	0.15	<0.01	0.2	1.3
Q016814		21.0	3.60	16.55	0.13	1.2	0.067	2.92	21.1	22.9	0.86	2300	1.55	1.39	8.2	3.8
Q016815		335	6.08	15.15	0.09	1.5	0.703	2.67	25.0	17.4	0.62	7310	2.60	0.03	7.0	4.9
Q016816		45.0	3.30	16.95	0.09	4.1	0.042	1.94	36.5	69.8	1.25	1990	2.01	0.04	10.5	11.3
Q016817		29.6	4.77	16.05	0.07	1.1	0.207	3.15	19.9	10.1	0.66	3680	7.08	0.03	7.1	4.4
Q016818		1250	7.80	12.40	0.05	1.0	4.42	2.24	13.4	29.3	0.61	3040	14.10	0.08	5.2	13.9
Q016819		1940	7.83	6.54	<0.05	0.3	6.78	0.82	6.2	19.7	0.53	26800	97.8	0.02	1.6	3.1
Q016820		15.5	0.54	0.19	0.07	<0.1	0.018	0.03	0.5	1.0	12.95	265	0.34	<0.01	0.1	1.7
Q016821		33.6	3.26	20.8	0.15	3.8	0.105	2.15	37.5	64.9	0.88	1520	2.84	0.05	12.6	9.4
Q016822		132.0	3.97	15.85	0.13	1.0	2.19	2.94	18.0	12.5	0.37	3270	14.30	0.02	6.7	3.8
Q016823		9.6	3.25	17.15	0.16	1.1	0.055	3.23	18.6	31.2	0.77	1040	1.15	0.86	8.0	3.2
Q016824		10.2	3.28	16.90	0.15	1.1	0.059	3.26	21.5	31.5	0.80	1020	0.96	0.88	8.2	3.1
Q016825		1985	8.08	5.90	0.07	0.4	0.762	1.01	6.5	30.0	0.36	1040	35.0	0.05	2.5	3.6
Q016826		17.9	3.76	15.65	0.09	1.0	0.096	2.58	27.6	89.4	1.05	2280	1.51	0.03	7.3	3.5
Q016827		1290	8.02	13.05	0.12	1.0	4.56	2.35	14.5	31.5	0.63	3080	15.10	0.08	5.9	13.9
Q016828		332	23.4	3.87	0.07	0.1	3.71	0.34	2.9	7.3	0.58	56100	14.55	0.01	0.6	2.5
Q016829		756	15.05	7.50	0.09	0.3	2.88	1.23	2.5	15.9	0.41	7810	4.53	0.01	2.1	5.0
Q016830		458	7.05	15.00	0.10	0.8	0.368	3.01	15.3	9.0	0.33	3670	1.42	0.02	6.1	3.6
Q016831		2220	21.6	9.87	0.17	0.3	2.89	1.60	56.1	8.9	0.38	1820	154.0	0.06	2.9	4.0
Q016832		60.9	3.76	16.25	0.13	0.5	0.087	2.94	20.3	21.8	1.01	1670	1.09	0.27	8.0	4.1
Q016833		52.4	6.48	17.35	0.10	1.1	0.201	3.63	25.8	5.8	0.47	3300	6.78	0.03	7.8	3.6
Q016834		4340	20.4	3.94	0.08	0.1	6.35	0.40	3.4	10.5	0.08	6760	10.85	0.01	0.6	1.7
Q016835		60.1	5.92	14.50	0.10	1.1	0.237	3.17	18.9	7.3	0.24	208	0.96	0.03	6.4	3.7
Q016836		75.9	3.91	15.90	0.16	1.1	0.098	3.24	25.5	36.3	0.84	1480	1.84	0.11	7.6	3.2
Q016837		70.9	3.73	16.00	0.12	1.0	0.098	3.16	24.8	37.1	0.82	1480	1.04	0.11	7.7	3.3
Q016838		228	4.29	5.52	0.08	0.9	0.139	0.89	10.8	15.8	5.22	3530	2.17	0.02	2.6	2.1
Q016839		401	4.87	9.04	0.08	1.1	1.140	1.46	13.9	10.7	3.62	3310	3.16	0.02	4.2	3.8
Q016840		16.0	2.72	17.85	0.17	3.5	0.026	2.83	32.8	47.7	1.28	961	1.29	0.04	9.9	6.9
Q016841		21.5	2.68	17.80	0.16	3.4	0.075	2.93	32.9	67.2	1.26	896	1.97	0.04	9.7	6.9
Q016842		2090	21.8	6.09	0.08	0.6	2.54	0.97	6.3	8.2	0.46	1680	4.71	0.01	2.4	3.7
Q016843		44.3	2.79	18.45	0.14	2.6	0.091	2.70	34.8	64.7	0.90	758	1.36	0.06	11.6	4.2
Q016844		1900	7.82	7.16	0.07	0.6	1.440	1.30	9.4	13.3	0.32	2810	6.37	0.02	2.7	3.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q016809		560	316	182.5	0.002	2.34	26.1	10.3	<1	3.4	89.5	0.55	<0.05	12.2	0.246	2.73
Q016810		40	>10000	14.3	0.003	>10.0	487	0.8	6	21.1	11.2	<0.05	3.63	0.8	0.018	2.79
Q016811		320	1095	112.5	<0.002	3.13	65.9	6.7	<1	4.8	62.1	0.34	<0.05	6.9	0.148	1.68
Q016812		200	>10000	87.6	0.003	6.86	513	4.7	<1	6.4	59.6	0.21	0.10	4.7	0.103	1.97
Q016813		170	56.7	0.9	<0.002	0.04	1.88	0.1	<1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q016814		670	94.0	120.5	<0.002	0.71	12.70	12.1	1	2.4	268	0.64	<0.05	11.1	0.299	1.73
Q016815		660	>10000	149.5	<0.002	5.91	305	8.7	<1	7.4	107.5	0.56	<0.05	10.2	0.246	3.27
Q016816		1530	177.5	70.9	<0.002	0.13	40.4	7.5	1	1.2	344	0.67	<0.05	7.9	0.396	1.69
Q016817		530	386	180.0	0.002	3.58	30.6	10.2	<1	4.8	58.4	0.69	<0.05	11.8	0.232	2.74
Q016818		440	9680	119.0	<0.002	6.89	213	7.0	1	8.0	117.0	0.41	0.55	7.6	0.181	2.68
Q016819		110	>10000	50.0	0.002	8.62	1465	2.9	1	10.6	32.4	0.13	1.33	2.5	0.059	3.24
Q016820		190	107.5	1.2	<0.002	0.05	2.50	0.1	<1	<0.2	53.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q016821		1470	193.0	86.2	<0.002	0.28	45.6	7.9	<1	2.1	332	0.85	<0.05	10.0	0.399	2.22
Q016822		510	1720	152.5	0.002	3.99	28.5	9.4	<1	13.2	87.6	0.55	<0.05	9.6	0.240	2.56
Q016823		630	24.8	109.0	<0.002	0.18	9.21	11.0	1	2.2	275	0.68	<0.05	10.1	0.277	2.41
Q016824		630	27.1	119.5	<0.002	0.19	9.27	11.0	<1	2.0	280	0.65	<0.05	10.9	0.281	2.38
Q016825		170	639	58.8	0.019	8.02	553	3.1	<1	6.6	65.6	0.20	2.42	3.2	0.075	1.03
Q016826		560	180.5	144.0	<0.002	0.61	16.50	10.6	1	2.2	158.0	0.59	0.06	11.7	0.245	1.96
Q016827		460	9900	131.0	<0.002	7.03	220	7.1	1	8.7	125.5	0.42	0.48	7.4	0.188	2.74
Q016828		60	9900	18.2	0.004	>10.0	191.5	1.4	2	4.0	132.0	<0.05	2.75	1.0	0.018	0.90
Q016829		170	>10000	74.5	0.005	>10.0	363	3.3	3	5.0	76.5	0.17	10.30	2.1	0.074	1.56
Q016830		490	1010	173.5	<0.002	6.19	130.5	9.2	<1	10.2	25.4	0.47	0.11	7.9	0.222	1.94
Q016831		410	1180	78.3	0.004	>10.0	550	4.9	8	22.6	42.0	0.24	3.02	7.0	0.112	1.64
Q016832		600	97.2	126.5	<0.002	1.00	10.70	11.3	1	2.9	133.5	0.63	0.09	9.4	0.306	2.57
Q016833		580	622	213	<0.002	5.68	19.60	13.4	1	8.3	19.3	0.57	<0.05	10.8	0.282	2.68
Q016834		20	>10000	22.6	0.006	>10.0	768	1.2	3	17.3	7.3	0.05	5.97	1.0	0.023	1.37
Q016835		490	1340	181.5	<0.002	5.91	36.2	9.2	<1	8.2	14.6	0.56	0.05	8.8	0.216	2.14
Q016836		590	106.0	144.0	0.002	0.76	11.30	10.1	<1	3.5	112.5	0.56	0.05	12.1	0.257	2.20
Q016837		600	80.3	135.0	<0.002	0.72	10.25	9.9	<1	3.4	113.0	0.59	0.05	11.7	0.254	2.22
Q016838		280	982	46.1	<0.002	0.60	19.45	2.5	<1	1.4	425	0.19	0.10	2.9	0.082	1.03
Q016839		400	9400	87.9	<0.002	3.32	103.5	3.9	1	5.1	342	0.29	0.65	4.9	0.127	2.33
Q016840		1140	41.0	150.5	<0.002	0.22	8.62	6.8	<1	1.9	356	0.67	<0.05	8.4	0.309	3.07
Q016841		1100	113.5	157.0	<0.002	0.25	9.15	6.6	<1	2.3	331	0.69	<0.05	8.4	0.295	3.43
Q016842		200	>10000	53.7	<0.002	>10.0	202	2.7	2	13.5	57.9	0.19	5.78	3.0	0.075	1.65
Q016843		920	262	97.7	<0.002	0.38	11.00	6.0	1	4.1	251	0.75	0.05	9.2	0.264	1.80
Q016844		190	5330	76.5	0.010	9.68	139.5	3.5	2	39.1	22.8	0.23	3.70	5.3	0.080	1.64

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001
Q016809		5.4	67	7.4	12.5	794	24.0				
Q016810		0.6	8	1.2	1.5	>10000	1.8	403	4.85	3.83	10.10
Q016811		15.6	49	4.2	8.4	2910	12.7				
Q016812		11.0	33	3.0	5.5	>10000	9.5	101	1.595	2.70	
Q016813		0.8	1	0.1	0.6	92	<0.5				
Q016814		3.2	84	2.7	15.1	281	24.7				
Q016815		8.5	62	6.4	8.4	>10000	47.9	233	1.725	2.24	
Q016816		11.0	83	1.6	12.3	474	171.5				
Q016817		6.7	65	8.4	8.3	762	22.4				
Q016818		4.9	52	4.3	7.4	>10000	27.8	121		1.660	
Q016819		4.0	23	2.8	5.4	>10000	6.4	513	3.66	5.43	1.055
Q016820		0.6	1	0.1	0.6	159	<0.5				
Q016821		11.1	77	3.9	12.4	484	142.5				
Q016822		4.4	66	5.7	7.3	>10000	21.9			2.64	
Q016823		5.4	77	1.6	12.8	172	22.8				
Q016824		5.5	78	1.6	13.5	150	24.3				
Q016825		9.5	24	3.2	4.3	671	9.4				
Q016826		4.2	71	5.0	13.4	508	22.0				
Q016827		5.0	53	4.5	8.0	>10000	29.3	120		1.645	
Q016828		8.9	12	2.6	15.9	>10000	1.9	121		2.03	
Q016829		5.3	28	4.5	5.8	>10000	6.4	237	1.020	2.62	
Q016830		2.4	61	8.2	6.6	2340	17.0				
Q016831		1.4	53	6.9	9.2	3250	5.5				
Q016832		3.2	90	3.1	12.6	197	10.5				
Q016833		2.7	86	5.7	9.7	893	24.6				
Q016834		0.5	13	1.6	2.6	>10000	2.4	432	1.500	2.80	5.45
Q016835		3.6	60	5.6	6.8	6520	22.6				
Q016836		4.8	68	3.4	13.4	1510	24.5				
Q016837		4.6	68	3.5	13.1	1480	24.1				
Q016838		6.6	19	1.8	10.1	5080	31.5				
Q016839		6.2	30	2.9	8.0	>10000	38.3			1.955	
Q016840		5.1	63	2.4	11.5	423	136.0				
Q016841		4.5	61	2.6	11.8	269	132.5				
Q016842		1.9	20	2.0	3.5	>10000	17.5	190	1.110	2.24	1.505
Q016843		4.9	51	2.8	11.9	1130	88.4				
Q016844		6.7	27	2.8	4.1	>10000	14.2			4.76	

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104753

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	BAG-01	CRU-32	CRU-QC	LOG-21
	LOG-21d	LOG-23	PUL-35a	PUL-35ad
	PUL-QC	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	As-OG62	Au-AA24	Au-GRA22
	ME-MS61	ME-OG62	Pb-OG62	Zn-OG62

ALS Canada Ltd.

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104754

Project: KLAZA

P.O. No.: BATCH 38

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104754

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924769		3.86	<0.005	0.53	6.86	164.5	940	1.82	0.22	3.39	3.05	57.1	6.1	26	10.45	2.9
Q924770		3.58	0.014	1.77	7.24	245	530	1.91	0.25	3.52	5.89	60.8	6.1	24	11.50	14.5
Q924771		1.42	2.23	23.8	6.38	8110	360	1.41	0.66	2.80	96.4	38.3	10.3	10	20.1	334
Q924772		1.22	2.32	10.65	5.88	5320	190	1.44	0.41	2.78	52.4	34.5	9.9	9	54.8	119.0
Q924773		5.98	<0.005	0.28	8.29	16.3	1400	1.28	0.09	4.65	0.29	47.9	15.3	11	6.02	29.3
Q924774		6.77	0.005	0.21	7.68	25.3	1410	1.31	0.17	4.49	0.39	54.8	15.1	11	5.62	20.4
Q924775		6.77	0.007	0.76	8.02	23.4	1340	1.13	1.99	4.56	0.92	44.8	15.0	11	6.08	44.3
Q924776		2.65	0.188	23.9	7.27	513	640	1.24	3.46	4.35	10.15	47.4	15.0	8	19.00	1815
Q924777		2.66	0.016	0.91	8.28	55.6	1270	1.29	0.10	4.72	2.17	49.8	16.2	9	8.82	65.8
Q924778		3.67	0.050	1.03	6.83	98.5	760	1.41	0.41	1.83	4.17	49.5	13.6	8	16.90	9.4
Q924779		5.34	<0.005	0.14	7.29	12.6	2240	1.38	0.12	2.32	0.34	49.6	6.9	11	12.45	13.4
Q924780		0.27	0.364	4.74	6.54	708	430	1.34	3.48	2.02	10.15	49.0	12.0	24	13.30	315
Q924781		5.94	<0.005	0.59	7.84	36.3	1940	1.54	0.11	2.13	1.59	55.0	7.7	11	21.9	25.2
Q924782		7.22	0.025	1.41	4.72	174.5	2290	1.06	0.14	4.43	4.50	34.5	4.2	7	10.60	6.2
Q924783		1.98	<0.005	0.01	0.08	1.0	30	0.06	0.02	19.85	0.07	1.23	0.7	<1	0.17	2.2
Q924784		7.38	0.008	0.70	7.12	100.5	4560	1.50	0.19	2.89	2.52	52.0	8.7	11	15.65	5.9
Q924785		3.94	0.038	0.86	6.52	219	1720	1.26	0.13	2.85	4.22	47.9	5.2	9	16.50	7.0
Q924786		10.57	<0.005	0.16	7.36	27.0	1920	1.25	0.09	1.66	1.63	53.2	6.2	8	16.75	6.3
Q924787		<0.02	<0.005	0.18	7.38	29.3	1890	1.37	0.11	1.62	1.61	53.6	6.5	10	17.15	5.8
Q924788		4.67	<0.005	0.08	7.25	17.9	1860	1.44	0.10	1.97	1.14	50.6	5.6	9	15.80	2.0
Q924789		10.09	<0.005	0.15	7.47	22.8	1940	1.52	0.20	2.01	1.31	56.0	8.3	11	14.70	7.3
Q924790		2.93	0.477	3.06	5.14	3110	320	1.14	0.42	3.73	17.25	37.4	7.6	8	14.20	12.5
Q924791		2.81	<0.005	0.01	0.09	1.9	30	0.06	0.02	20.4	0.07	1.18	0.7	<1	0.20	1.5
Q924792		3.91	<0.005	0.17	7.49	21.0	2010	1.32	0.13	1.88	2.58	54.1	7.9	9	17.75	10.7
Q924793		4.46	0.037	3.14	6.99	503	2930	1.29	0.31	2.28	31.6	54.9	7.6	9	16.85	120.0
Q924794		0.28	1.595	40.6	5.61	2520	70	1.08	36.0	1.64	43.8	36.8	17.1	21	9.79	1180
Q924795		7.13	<0.005	0.17	7.29	54.6	2510	1.27	0.18	2.27	7.78	54.3	7.0	10	10.15	29.6
Q924796		4.30	0.319	24.7	6.19	642	850	1.40	3.27	1.88	30.8	46.0	13.2	11	14.85	142.5
Q924797		10.11	<0.005	0.19	7.27	21.3	2320	1.44	0.16	2.51	0.25	51.9	7.1	10	24.2	7.0
Q924798		4.48	0.139	4.25	6.88	287	1070	1.37	1.52	2.35	18.80	51.4	8.2	10	20.4	88.4
Q924799		5.97	0.006	0.28	7.44	23.5	1900	1.50	0.16	2.49	0.68	54.3	6.8	11	17.60	10.8
Q924800		8.01	0.027	0.82	6.99	245	1680	1.47	0.19	2.43	3.39	52.5	7.6	10	18.75	14.5
Q924801		9.95	<0.005	0.17	7.57	15.8	2090	1.52	0.10	2.71	0.26	57.9	7.1	15	12.35	15.4
Q924802		4.36	0.019	0.52	6.98	68.7	1660	1.37	0.15	2.51	0.42	48.9	5.2	11	18.80	8.1
Q924803		11.54	<0.005	0.22	7.39	21.0	1840	1.47	0.23	2.40	0.25	53.2	9.4	10	12.70	7.6
Q924804		12.12	<0.005	0.25	7.03	15.7	1710	1.36	0.21	2.41	1.52	49.8	5.6	11	13.60	9.0

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104754

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924769		2.51	17.35	0.17	2.7	0.063	3.35	28.7	16.2	1.10	1960	2.13	0.05	9.3	7.4	650
Q924770		2.55	17.30	0.16	2.6	0.047	3.23	32.3	12.1	1.21	2700	2.22	0.07	9.2	6.9	650
Q924771		5.64	16.65	0.12	0.9	1.130	1.82	16.8	209	1.04	2530	7.16	0.09	5.3	4.0	840
Q924772		5.90	15.75	0.09	0.7	1.495	1.79	17.2	252	1.02	3160	5.19	0.04	4.6	3.9	800
Q924773		5.12	19.45	0.10	0.7	0.074	1.50	23.2	10.9	1.80	1080	4.13	2.41	6.7	3.2	1220
Q924774		4.99	19.75	0.09	0.7	0.074	1.61	25.2	12.2	1.74	1100	10.30	2.47	7.4	3.0	1210
Q924775		5.20	18.85	0.09	0.6	0.124	1.50	21.7	11.9	1.87	1180	6.55	2.32	6.2	2.8	1210
Q924776		4.98	17.35	0.11	0.6	0.542	2.92	24.9	13.7	1.59	4770	29.0	0.31	5.3	4.8	1140
Q924777		5.30	19.70	0.08	0.8	0.161	1.63	24.7	11.0	1.79	1500	4.50	2.20	6.1	3.0	1280
Q924778		5.69	14.80	0.09	0.9	0.253	3.38	26.8	14.4	0.57	4290	1.17	0.10	7.4	2.9	610
Q924779		3.10	15.60	0.11	0.9	0.041	2.85	26.5	10.8	0.59	782	1.03	1.73	7.4	2.7	600
Q924780		4.93	14.65	0.09	1.1	0.295	2.96	27.8	25.0	0.76	1840	14.40	0.15	5.9	13.8	520
Q924781		3.63	16.65	0.11	0.9	0.102	3.44	30.3	33.8	0.60	2210	0.89	0.86	8.0	3.2	640
Q924782		4.11	10.10	0.07	0.7	0.201	2.32	18.9	28.6	1.37	4400	0.85	0.03	4.6	2.0	370
Q924783		0.50	0.21	0.08	<0.1	<0.005	0.03	0.6	1.0	12.25	214	0.13	0.01	0.2	1.5	170
Q924784		3.27	15.15	0.13	1.0	0.088	3.33	28.6	28.5	0.98	2270	0.99	0.03	7.3	2.7	550
Q924785		3.42	13.80	0.11	0.9	0.086	2.97	26.7	28.7	1.00	2600	0.74	0.03	6.7	2.4	520
Q924786		3.44	15.15	0.10	1.0	0.062	3.44	28.7	35.4	0.72	1340	0.74	0.19	8.0	2.4	680
Q924787		3.42	15.35	0.11	1.0	0.059	3.47	28.9	36.4	0.70	1400	0.71	0.19	8.2	2.5	680
Q924788		3.14	15.50	0.10	1.0	0.055	3.20	27.5	46.3	0.80	1100	0.63	0.25	7.3	2.3	560
Q924789		3.17	15.40	0.11	1.0	0.037	3.09	30.9	26.0	0.74	801	0.87	1.26	7.6	2.8	570
Q924790		4.97	11.20	0.09	0.7	0.190	2.49	20.8	30.0	1.30	8940	4.82	0.05	5.1	2.2	380
Q924791		0.50	0.24	0.08	<0.1	0.005	0.04	0.6	1.2	12.45	224	0.07	0.01	0.2	1.6	200
Q924792		3.22	16.00	0.11	1.0	0.044	3.69	28.2	25.3	0.77	1400	0.89	0.60	8.2	2.8	620
Q924793		3.04	15.05	0.11	0.9	0.087	3.17	30.7	32.3	0.87	1670	0.84	0.06	7.3	2.7	580
Q924794		8.87	13.60	0.08	0.8	1.510	2.67	18.8	15.0	0.67	2270	16.25	0.06	4.6	13.9	450
Q924795		3.12	15.50	0.09	0.9	0.082	3.11	30.0	32.1	0.95	1320	0.79	0.06	7.3	3.0	580
Q924796		4.49	13.85	0.09	1.0	0.251	2.91	25.0	21.3	0.78	2600	1.16	0.04	6.3	3.2	510
Q924797		3.16	15.35	0.09	1.1	0.053	3.02	27.7	28.2	0.76	1020	0.80	0.89	7.8	2.5	600
Q924798		4.03	15.35	0.09	1.0	0.215	3.08	27.6	34.6	0.63	1300	2.23	0.86	7.3	2.5	540
Q924799		3.16	15.90	0.10	1.0	0.050	3.01	29.8	31.0	0.75	1160	0.81	1.52	7.7	2.6	590
Q924800		3.90	15.50	0.10	0.9	0.160	3.10	28.3	28.6	0.80	3710	0.70	1.01	7.4	2.5	580
Q924801		3.18	15.95	0.10	1.0	0.055	3.01	31.1	12.0	0.80	1190	0.84	1.88	8.1	2.8	610
Q924802		3.62	15.60	0.10	0.9	0.101	3.50	25.2	49.4	0.81	3000	0.70	0.29	7.4	2.8	560
Q924803		3.32	16.30	0.10	1.0	0.081	3.42	27.9	27.0	0.75	1920	0.70	0.57	8.1	3.0	630
Q924804		3.19	15.45	0.10	0.9	0.119	3.21	26.8	49.7	0.80	2140	0.78	0.37	7.3	2.6	580

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104754

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924769		107.5	141.0	<0.002	0.30	6.46	6.9	<1	1.6	178.0	0.71	<0.05	9.3	0.245	3.20	5.0
Q924770		183.5	149.5	<0.002	0.49	14.30	7.1	<1	2.1	201	0.69	<0.05	9.8	0.254	3.21	4.9
Q924771		5460	86.1	<0.002	3.78	138.5	11.3	1	7.5	230	0.34	0.09	4.5	0.305	1.87	2.5
Q924772		2570	91.6	<0.002	4.36	60.2	11.2	1	6.5	194.0	0.30	0.06	4.1	0.303	1.61	3.2
Q924773		17.3	49.4	<0.002	0.05	1.38	17.3	1	1.2	822	0.39	0.07	5.1	0.469	0.44	1.7
Q924774		24.0	43.5	0.004	0.10	1.37	18.9	1	1.3	785	0.44	<0.05	5.4	0.485	0.44	1.8
Q924775		37.0	45.9	0.004	0.25	1.89	17.9	1	1.3	795	0.37	1.19	4.6	0.468	0.45	1.6
Q924776		506	144.0	0.002	2.08	19.90	16.3	1	6.0	251	0.33	1.93	4.8	0.405	2.37	2.1
Q924777		95.4	58.3	0.002	0.21	2.88	18.7	1	1.3	785	0.38	<0.05	5.7	0.489	0.63	2.0
Q924778		241	199.5	<0.002	1.82	10.10	10.6	1	2.0	63.3	0.58	0.15	11.5	0.243	2.72	4.7
Q924779		20.1	116.5	<0.002	0.04	4.42	10.5	1	1.5	311	0.58	<0.05	12.6	0.257	1.19	2.4
Q924780		480	159.5	0.005	2.65	26.6	8.9	1	5.1	106.5	0.48	0.31	11.1	0.204	2.40	5.2
Q924781		154.5	170.5	<0.002	0.14	11.60	11.2	<1	1.6	202	0.63	<0.05	14.2	0.271	2.13	3.8
Q924782		580	167.5	<0.002	0.55	28.6	7.1	1	1.4	87.6	0.36	<0.05	8.6	0.157	1.93	3.7
Q924783		2.3	1.3	<0.002	0.01	0.09	0.2	<1	<0.2	43.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q924784		125.0	236	<0.002	0.51	12.30	9.8	1	1.6	94.5	0.59	<0.05	13.5	0.234	2.80	5.6
Q924785		161.0	187.5	<0.002	0.74	17.50	9.1	1	1.7	91.1	0.55	<0.05	12.4	0.223	2.53	3.0
Q924786		33.3	182.0	<0.002	0.21	11.30	10.5	1	1.5	88.5	0.65	<0.05	13.8	0.268	2.00	4.2
Q924787		33.6	182.5	<0.002	0.24	11.60	10.7	1	1.6	88.9	0.67	<0.05	14.2	0.275	2.03	4.3
Q924788		11.1	178.0	<0.002	0.13	10.60	10.1	1	1.5	93.2	0.59	<0.05	13.4	0.243	1.96	5.0
Q924789		18.6	144.5	<0.002	0.12	5.73	10.7	1	1.4	224	0.61	<0.05	15.5	0.249	1.47	3.7
Q924790		530	151.0	<0.002	2.62	45.7	7.2	<1	1.9	89.5	0.40	<0.05	8.6	0.168	2.05	5.2
Q924791		2.0	1.7	<0.002	0.01	0.11	0.2	<1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q924792		30.0	164.0	<0.002	0.18	8.34	10.9	1	1.7	133.5	0.64	<0.05	14.4	0.269	2.02	4.0
Q924793		939	163.5	<0.002	0.56	19.05	10.4	1	1.7	110.5	0.57	<0.05	13.4	0.247	2.06	6.0
Q924794		1650	149.5	0.002	7.74	103.5	8.1	2	10.1	62.9	0.37	0.74	8.9	0.165	2.09	5.3
Q924795		79.2	157.0	<0.002	0.11	12.00	10.6	1	1.4	87.6	0.59	<0.05	14.9	0.244	1.89	6.8
Q924796		2630	166.5	<0.002	2.02	47.1	8.5	1	2.8	88.9	0.51	0.21	11.0	0.208	2.40	10.3
Q924797		24.9	134.0	<0.002	0.18	6.36	10.3	1	1.5	233	0.67	<0.05	15.2	0.252	1.57	4.8
Q924798		381	136.0	0.002	2.08	18.35	9.7	1	3.4	188.5	0.62	0.06	13.7	0.243	1.63	4.2
Q924799		55.7	129.5	<0.002	0.11	3.05	10.5	1	1.5	301	0.65	<0.05	14.4	0.256	1.47	4.0
Q924800		172.5	153.5	<0.002	0.50	7.99	10.4	1	2.2	226	0.59	<0.05	14.1	0.243	1.84	4.6
Q924801		31.6	132.5	<0.002	0.08	2.72	10.7	1	1.5	354	0.68	<0.05	14.9	0.259	1.39	4.5
Q924802		125.0	184.5	<0.002	0.65	7.93	10.5	1	1.5	127.0	0.58	<0.05	13.4	0.248	2.50	6.0
Q924803		37.0	172.5	<0.002	0.23	6.43	11.7	1	1.8	167.0	0.64	<0.05	14.6	0.263	2.03	3.5
Q924804		97.8	171.5	<0.002	0.20	6.59	10.4	1	1.6	139.5	0.55	<0.05	12.6	0.239	2.08	4.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104754

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924769		56	1.7	11.7	278	95.9
Q924770		57	2.0	12.1	485	92.1
Q924771		105	2.1	12.4	6340	24.5
Q924772		102	2.6	12.7	3780	23.2
Q924773		158	0.6	20.5	101	17.7
Q924774		155	0.6	22.9	104	20.0
Q924775		160	0.8	19.9	143	16.7
Q924776		148	2.4	18.4	867	16.0
Q924777		162	0.8	20.8	226	20.1
Q924778		68	4.1	16.1	456	23.6
Q924779		69	0.9	16.5	118	22.1
Q924780		65	5.2	12.0	881	31.1
Q924781		74	1.9	17.0	267	23.6
Q924782		51	2.2	13.8	460	16.7
Q924783		1	0.1	0.8	15	0.5
Q924784		65	3.0	15.1	345	25.2
Q924785		61	2.7	13.1	532	22.2
Q924786		71	4.0	16.0	335	26.4
Q924787		72	4.0	16.0	334	25.6
Q924788		67	3.2	15.6	196	25.7
Q924789		69	2.1	16.8	296	24.8
Q924790		47	2.3	12.5	1220	16.5
Q924791		2	0.1	0.8	16	<0.5
Q924792		72	2.4	18.0	518	24.8
Q924793		67	1.9	16.0	1760	23.3
Q924794		56	6.9	9.9	3390	23.8
Q924795		70	1.8	15.5	581	24.5
Q924796		60	3.3	11.7	2420	30.6
Q924797		68	2.6	17.1	99	25.8
Q924798		63	2.9	15.6	2290	23.9
Q924799		68	1.1	17.4	137	24.4
Q924800		66	2.4	16.9	296	23.7
Q924801		70	1.0	18.4	71	24.0
Q924802		68	2.7	15.8	143	22.9
Q924803		74	2.1	18.1	83	23.7
Q924804		67	2.1	15.9	198	23.2

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104754

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104755

Project: KLAZA

P.O. No.: BATCH 40

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

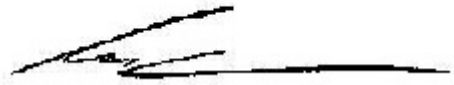
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104755

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924805		8.07	0.009	0.31	7.21	35.3	2520	1.46	0.28	2.03	0.84	50.1	8.6	11	16.70	9.5
Q924806		4.87	0.016	0.14	7.34	153.5	1060	1.61	0.09	2.70	0.89	44.8	7.5	11	10.45	5.7
Q924807		6.31	0.012	0.26	7.28	135.0	990	1.54	0.17	2.79	1.29	42.0	8.5	11	7.49	10.8
Q924808		3.84	0.011	0.23	7.43	51.7	980	1.53	0.19	3.27	0.52	48.1	9.8	13	9.12	6.9
Q924809		2.41	0.014	0.22	7.42	45.8	1000	1.58	0.17	3.11	0.56	47.0	7.9	12	8.77	7.3
Q924810		3.21	<0.005	0.13	7.48	77.0	1130	1.61	0.13	3.47	1.98	49.6	9.9	14	10.50	24.3
Q924811		5.55	0.020	0.84	8.30	348	840	1.63	1.56	1.25	6.29	76.1	20.0	12	11.15	192.5
Q924812		3.45	0.063	2.10	7.99	291	720	1.35	3.29	0.44	2.14	55.0	7.0	10	15.50	84.5
Q924813		2.75	<0.005	0.01	0.09	<0.2	50	0.06	0.04	21.7	0.09	1.43	1.5	<1	0.25	2.5
Q924814		7.12	0.019	0.37	8.20	462	1190	1.55	0.28	1.29	3.90	57.7	11.8	10	11.10	79.5
Q924815		5.16	0.013	0.25	8.01	308	1080	1.45	0.15	2.28	2.08	47.7	9.4	12	13.50	23.3
Q924816		2.37	0.013	0.26	8.48	752	1140	1.85	0.38	1.15	7.60	50.0	9.4	10	11.45	373
Q924817		5.07	0.140	0.57	7.57	1130	1280	1.94	0.99	1.89	13.55	56.9	6.6	12	19.05	255
Q924818		4.30	2.00	7.27	7.13	>10000	120	1.15	4.14	0.30	48.9	43.2	8.1	14	8.12	158.0
Q924819		2.30	<0.005	0.02	0.08	29.0	200	0.06	0.02	21.5	0.22	1.25	1.4	<1	0.16	3.1
Q924820		4.42	0.282	6.28	7.55	133.5	940	1.45	0.22	2.84	31.5	47.0	9.6	11	12.30	58.2
Q924821		0.19	1.650	39.0	5.91	2600	250	1.16	34.2	1.72	46.2	38.6	16.8	23	10.55	1200
Q924822		7.25	0.054	0.62	7.43	63.3	1000	1.53	0.57	3.65	2.34	43.3	8.1	13	10.10	24.0
Q924823		6.52	0.015	0.71	7.39	28.4	1360	1.45	0.52	3.31	2.92	54.6	14.8	12	12.65	53.6
Q924824		5.62	0.021	1.21	7.60	33.2	890	1.33	0.84	3.01	6.29	49.2	9.1	12	8.96	33.4
Q924825		<0.02	0.020	1.33	7.96	35.6	930	1.49	0.93	3.16	7.44	53.9	10.2	12	9.44	36.9
Q924826		3.85	0.007	0.36	8.03	11.7	1320	1.55	0.52	3.13	0.67	48.2	8.4	13	9.15	16.0
Q924827		4.56	0.011	0.55	7.53	18.5	1330	1.48	0.71	3.58	1.20	46.6	7.8	17	11.55	35.6
Q924828		4.74	0.026	0.59	7.50	43.0	890	1.71	0.71	3.21	6.60	48.3	7.6	13	17.15	25.9
Q924829		3.52	0.586	4.65	7.13	269	60	1.24	7.30	0.31	7.67	42.8	9.8	12	5.86	150.0
Q924830		2.55	0.018	0.97	7.19	42.2	650	1.64	0.95	3.29	1.54	43.7	15.8	10	14.90	18.2
Q924831		0.20	0.341	4.14	6.37	674	330	1.48	3.22	1.95	10.20	49.1	11.3	23	13.00	284
Q924832		7.04	0.014	1.02	7.39	41.0	1150	1.60	2.54	3.46	0.37	50.5	11.0	13	17.95	53.8
Q924833		3.14	0.036	0.51	7.20	42.7	1040	1.45	0.59	3.12	2.85	47.5	7.8	18	13.20	21.2
Q924834		4.00	0.014	0.52	6.80	24.1	610	1.25	0.58	3.06	2.07	34.7	5.0	12	12.60	11.6
Q924835		6.59	0.037	1.02	6.95	30.0	760	1.23	0.77	3.24	3.31	48.4	7.1	12	11.25	13.6
Q924836		4.34	0.094	3.20	7.48	198.0	600	1.25	1.84	2.49	14.00	46.3	6.6	12	13.80	63.5
Q924837		4.46	0.074	0.89	7.42	40.4	860	1.39	0.50	3.31	0.95	47.0	8.2	11	14.15	22.4
Q924838		1.81	0.449	5.12	6.74	1190	490	1.23	3.66	2.58	32.0	42.1	6.2	10	11.15	48.9
Q924839		4.50	0.081	1.17	6.84	91.9	920	1.26	1.01	3.28	4.49	37.8	5.1	14	9.61	16.6
Q924840		3.29	0.117	1.32	6.88	267	850	1.30	0.42	2.83	7.43	38.8	7.5	11	13.25	17.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924805		4.00	16.70	0.11	1.1	0.133	3.53	27.3	42.7	0.77	2760	0.82	0.12	7.5	2.9	560
Q924806		3.01	16.80	0.09	0.7	0.039	2.77	23.2	9.7	0.54	1800	1.61	1.47	9.1	4.0	510
Q924807		3.33	17.10	0.12	0.7	0.055	2.37	20.8	13.5	0.78	845	1.93	1.89	9.2	4.0	540
Q924808		3.05	16.95	0.10	0.7	0.055	2.15	24.5	10.8	0.79	693	1.71	2.20	9.5	4.0	530
Q924809		3.01	17.40	0.10	0.8	0.056	2.14	23.3	10.1	0.75	624	1.45	2.21	9.1	3.9	520
Q924810		3.43	17.40	0.12	0.8	0.044	2.44	26.6	12.2	0.70	1060	7.13	1.86	10.0	4.3	540
Q924811		3.98	18.10	0.13	0.7	0.187	2.70	47.7	15.8	0.62	1280	13.30	1.51	9.1	5.3	550
Q924812		3.68	17.60	0.11	0.7	0.254	3.08	29.9	10.2	0.46	481	11.15	0.69	8.5	2.6	460
Q924813		0.53	0.42	0.06	<0.1	0.005	0.04	0.7	1.0	13.30	220	0.13	0.01	0.3	3.7	160
Q924814		3.90	18.25	0.15	0.7	0.065	2.58	32.6	14.1	0.84	751	5.92	1.74	9.5	4.8	600
Q924815		3.46	17.45	0.12	0.7	0.051	2.57	25.8	15.6	0.60	997	4.32	1.66	9.2	3.8	590
Q924816		3.92	17.50	0.13	1.0	0.065	2.74	28.3	44.4	0.62	321	1.87	1.40	9.6	7.3	530
Q924817		3.33	18.80	0.14	3.4	0.063	2.61	31.5	24.8	0.63	592	3.26	1.31	10.4	5.5	860
Q924818		7.96	17.05	0.24	0.5	0.318	3.48	24.0	4.7	0.31	621	1.43	0.05	6.7	3.5	460
Q924819		0.50	0.33	<0.05	<0.1	0.005	0.03	0.6	1.0	13.15	207	0.10	0.01	0.3	3.9	200
Q924820		3.70	16.40	0.11	0.6	0.144	2.70	24.3	18.9	0.86	1740	0.90	0.50	7.9	3.4	520
Q924821		9.31	14.45	0.20	0.9	1.515	2.80	20.2	16.7	0.71	2330	18.10	0.06	5.0	15.6	480
Q924822		3.49	17.70	0.11	0.6	0.137	2.19	21.5	10.0	0.93	1210	1.31	1.96	9.0	5.4	590
Q924823		3.41	17.25	0.12	0.6	0.171	2.57	30.6	16.7	1.14	981	1.14	1.35	8.7	4.5	560
Q924824		3.42	17.20	0.11	0.6	0.350	2.39	27.6	16.4	1.03	926	1.71	1.79	7.7	3.8	560
Q924825		3.63	19.20	0.12	0.6	0.386	2.50	29.6	17.9	1.08	980	1.63	1.88	8.3	4.0	580
Q924826		3.48	19.05	0.13	0.6	0.073	2.37	23.9	14.9	1.05	729	2.68	2.40	8.6	4.1	580
Q924827		3.34	16.75	0.10	0.5	0.162	2.07	24.8	11.6	0.99	904	0.86	1.92	8.2	3.8	580
Q924828		3.63	17.30	0.13	0.5	0.350	2.79	25.9	35.9	0.96	2070	0.45	0.68	8.4	4.0	570
Q924829		6.56	16.70	0.21	0.5	0.136	3.43	21.0	5.6	0.29	438	0.57	0.07	6.8	3.4	540
Q924830		3.20	16.25	0.11	0.6	0.080	2.75	21.8	23.8	0.90	1360	1.90	0.47	7.7	4.3	500
Q924831		4.78	15.40	0.14	1.1	0.277	2.89	29.2	26.6	0.73	1760	12.20	0.14	6.2	14.6	500
Q924832		3.41	17.25	0.12	0.6	0.101	2.51	27.5	25.2	0.96	1220	0.77	0.99	7.8	4.3	540
Q924833		2.76	16.45	0.10	3.0	0.069	2.72	25.0	70.5	1.04	1500	1.33	0.15	7.7	10.7	710
Q924834		2.92	14.75	0.08	0.5	0.134	1.91	14.7	77.5	0.79	1050	0.98	0.94	6.7	3.3	520
Q924835		3.16	14.15	0.10	0.5	0.166	2.22	21.6	23.0	0.99	1340	0.87	0.98	6.2	3.4	500
Q924836		3.68	15.35	0.09	0.5	0.367	2.48	24.4	251	0.99	1880	1.08	0.09	6.8	3.8	580
Q924837		3.61	14.70	0.09	0.5	0.105	2.27	24.6	32.9	0.89	1640	0.93	0.66	6.9	3.2	540
Q924838		4.76	13.75	0.07	0.4	0.645	2.63	22.1	16.4	0.84	3160	3.09	0.46	6.2	3.6	490
Q924839		3.01	14.80	0.10	0.5	0.183	2.17	17.2	11.2	0.95	1150	0.92	1.45	6.6	3.0	540
Q924840		3.65	14.85	0.10	0.5	0.210	2.69	18.0	12.7	0.92	1710	0.60	0.72	6.5	3.4	530

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924805		67.8	195.0	<0.002	0.65	10.75	10.4	1	1.9	108.0	0.66	<0.05	14.2	0.243	2.50	5.3
Q924806		29.3	117.0	<0.002	0.08	3.80	10.3	1	1.9	251	0.82	<0.05	13.0	0.276	1.59	1.9
Q924807		74.8	91.8	<0.002	0.11	2.84	11.5	1	2.8	283	0.80	<0.05	12.1	0.290	0.99	2.0
Q924808		37.3	80.5	<0.002	0.20	2.05	11.1	1	2.5	331	0.92	0.08	12.7	0.285	0.91	2.6
Q924809		44.5	77.4	<0.002	0.18	2.03	10.5	1	2.6	336	0.95	0.07	11.8	0.286	0.88	2.4
Q924810		18.3	100.0	<0.002	0.08	3.05	11.6	1	2.0	310	0.97	<0.05	12.7	0.297	1.29	2.7
Q924811		53.0	145.0	<0.002	0.28	7.01	12.3	1	4.3	222	0.84	0.15	16.5	0.278	1.72	2.9
Q924812		221	184.5	<0.002	0.41	10.95	10.7	1	7.7	151.5	0.77	1.24	13.0	0.277	2.40	2.6
Q924813		2.5	2.3	<0.002	0.01	0.15	0.3	1	<0.2	54.3	<0.05	<0.05	0.2	<0.005	0.02	1.1
Q924814		32.1	121.0	<0.002	0.08	4.86	11.7	1	3.0	278	0.89	0.06	14.5	0.303	1.25	2.7
Q924815		55.0	115.5	<0.002	0.15	3.90	12.1	1	2.0	254	0.81	0.05	12.6	0.317	1.25	2.5
Q924816		65.2	141.0	<0.002	0.39	5.66	11.1	2	2.3	233	0.90	<0.05	17.6	0.301	1.34	3.5
Q924817		208	116.0	<0.002	0.21	11.90	7.0	1	1.7	451	0.75	0.05	12.0	0.266	1.40	4.9
Q924818		1790	214	<0.002	7.76	37.0	10.2	2	8.3	33.1	0.53	0.25	10.4	0.251	2.43	1.8
Q924819		5.7	1.7	<0.002	0.02	0.15	0.3	1	<0.2	56.2	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q924820		2940	126.5	<0.002	1.60	12.90	10.9	1	4.0	156.5	0.69	0.09	12.4	0.278	1.86	3.9
Q924821		1725	168.0	0.003	8.10	107.0	8.2	2	11.3	68.3	0.42	0.82	10.1	0.172	2.23	5.9
Q924822		79.0	79.1	<0.002	1.11	2.95	12.6	1	3.4	362	0.75	0.20	10.6	0.314	1.37	3.3
Q924823		127.0	100.5	<0.002	0.74	3.80	12.1	1	2.4	314	0.75	0.08	11.8	0.290	1.62	3.3
Q924824		289	120.5	<0.002	1.01	2.79	12.2	1	3.8	299	0.65	0.24	11.3	0.278	1.61	3.4
Q924825		315	124.0	<0.002	1.11	2.95	12.4	1	4.1	313	0.68	0.25	12.7	0.293	1.72	3.7
Q924826		44.2	111.0	<0.002	0.60	2.02	13.0	1	2.7	395	0.70	0.16	12.5	0.302	1.37	3.3
Q924827		32.4	88.5	<0.002	0.55	2.50	12.0	1	2.7	389	0.69	0.19	11.4	0.300	1.28	3.2
Q924828		108.5	127.5	<0.002	1.41	4.07	12.0	1	4.9	275	0.68	0.10	11.4	0.299	2.39	3.3
Q924829		486	167.5	<0.002	7.15	14.90	11.0	5	17.9	27.4	0.55	2.07	10.1	0.239	2.75	2.7
Q924830		67.6	143.0	<0.002	0.98	5.72	10.7	1	4.1	166.0	0.59	0.40	12.6	0.266	2.55	4.1
Q924831		446	171.0	0.002	2.55	27.0	9.4	2	5.6	107.5	0.49	0.30	11.6	0.193	2.24	5.0
Q924832		31.1	117.0	<0.002	0.74	6.68	11.6	1	3.1	305	0.63	0.16	12.1	0.294	1.94	3.8
Q924833		95.5	106.5	<0.002	0.59	8.31	7.0	<1	2.5	397	0.61	<0.05	9.6	0.263	1.78	4.8
Q924834		137.0	73.5	<0.002	0.61	4.01	9.3	1	3.5	225	0.55	0.12	8.3	0.265	1.54	3.4
Q924835		227	110.5	<0.002	0.95	4.71	10.1	1	5.3	257	0.48	0.28	10.4	0.229	1.69	3.6
Q924836		376	122.0	<0.002	1.45	17.55	10.7	<1	6.1	149.5	0.49	0.39	10.0	0.274	2.01	3.8
Q924837		30.0	104.0	<0.002	1.08	6.81	10.2	1	2.3	205	0.52	0.19	10.3	0.282	1.73	2.9
Q924838		806	118.0	<0.002	3.50	20.2	9.5	<1	7.6	157.5	0.43	0.14	8.2	0.253	2.39	3.3
Q924839		189.5	83.8	<0.002	0.75	3.32	10.3	1	3.2	296	0.50	0.15	8.5	0.260	1.45	2.7
Q924840		197.0	102.5	<0.002	1.53	5.87	9.6	1	4.1	209	0.50	<0.05	7.9	0.263	2.15	2.9

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62
	Analyte	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
Q924805		67	3.4	16.0	224	25.2	
Q924806		82	2.4	14.9	98	15.1	
Q924807		92	1.2	15.8	142	15.5	
Q924808		86	1.0	16.5	81	15.6	
Q924809		85	1.0	15.7	78	15.9	
Q924810		92	1.1	18.7	196	17.2	
Q924811		91	2.1	19.2	546	15.7	
Q924812		89	3.5	11.4	230	13.9	
Q924813		2	0.1	0.9	18	<0.5	
Q924814		91	1.7	20.0	319	13.5	
Q924815		96	1.5	17.5	200	14.3	
Q924816		89	1.3	14.6	437	24.6	
Q924817		59	1.5	15.1	855	133.0	
Q924818		79	6.6	10.7	3240	11.6	1.505
Q924819		1	0.1	0.8	26	<0.5	
Q924820		84	1.8	14.2	3040	12.7	
Q924821		58	7.8	10.6	3360	24.8	
Q924822		99	1.8	16.1	222	14.2	
Q924823		91	2.2	16.9	295	13.0	
Q924824		90	1.6	13.6	590	13.3	
Q924825		95	1.7	14.5	670	14.1	
Q924826		94	1.2	15.5	113	15.2	
Q924827		94	1.5	15.3	139	11.4	
Q924828		93	1.9	15.3	558	12.4	
Q924829		85	11.6	10.5	774	11.3	
Q924830		80	2.4	13.1	183	12.6	
Q924831		61	5.4	12.9	809	32.8	
Q924832		88	2.3	13.8	83	12.8	
Q924833		63	4.1	11.5	278	112.0	
Q924834		82	1.9	10.8	199	9.9	
Q924835		85	2.1	12.4	387	9.1	
Q924836		92	3.7	11.6	1100	9.4	
Q924837		87	1.9	12.7	97	9.1	
Q924838		76	5.6	10.4	2760	7.5	
Q924839		84	1.3	11.5	356	9.8	
Q924840		84	3.1	10.4	572	8.9	

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104755

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	As-OG62	Au-AA24	ME-MS61	ME-OG62
	PUL-31	PUL-31d	PUL-QC	

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104756

Project: KLAZA

P.O. No.: BATCH 41

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104756

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924342		10.34	<0.005	0.40	7.30	9.5	1970	1.29	1.11	2.50	0.27	48.2	7.7	9	22.6	9.8
Q924343		11.52	<0.005	0.47	7.68	23.9	1860	1.47	0.31	2.28	0.73	46.2	7.6	10	27.0	8.9
Q924344		4.68	0.055	6.56	7.10	39.1	1060	1.53	25.5	2.52	2.24	49.5	8.0	10	16.95	46.5
Q924345		10.76	<0.005	1.51	8.02	10.8	1830	1.32	1.33	1.24	3.51	48.9	8.6	10	13.80	13.1
Q924346		5.87	<0.005	0.90	8.46	10.5	1970	1.38	2.69	1.06	0.52	45.7	8.4	10	14.85	11.5
Q924347		12.88	<0.005	0.13	7.28	5.5	2070	1.67	0.31	2.78	0.21	47.5	8.2	11	17.85	7.7
Q924348		5.30	<0.005	0.23	7.87	12.7	1930	1.62	0.32	2.00	0.25	46.7	8.4	10	20.5	8.9
Q924349		5.27	0.150	54.3	6.70	475	920	1.37	0.25	2.51	28.9	44.7	7.0	11	18.50	402
Q924350		0.21	0.310	4.16	6.77	726	370	1.39	3.23	2.05	10.50	48.6	11.7	25	13.00	322
Q924351		7.62	<0.005	0.41	7.51	32.4	1580	1.42	0.29	1.77	1.89	40.4	9.3	11	20.7	42.3
Q924352		10.87	<0.005	0.35	7.40	14.3	2240	1.62	0.29	2.71	0.54	43.0	8.0	11	29.2	18.9
Q924353		7.60	<0.005	0.39	7.19	8.8	1870	1.64	0.58	2.89	0.47	45.8	8.0	12	23.6	13.7
Q924354		4.95	<0.005	0.09	7.67	9.8	1880	1.52	0.38	2.95	0.41	48.7	7.0	11	23.6	7.1
Q924355		3.98	<0.005	0.31	8.40	59.8	4790	2.21	0.45	2.62	0.57	61.4	7.6	15	28.7	7.9
Q924356		5.40	0.012	0.34	7.31	60.1	2410	1.70	0.57	2.47	0.50	47.3	9.6	11	17.90	8.2
Q924357		0.21	0.841	11.40	6.70	1615	490	1.38	11.55	1.90	32.8	46.0	17.0	19	13.30	303
Q924358		11.79	0.005	0.73	7.47	69.9	1910	1.71	1.22	1.96	1.08	51.7	8.0	11	20.8	20.2
Q924359		8.53	<0.005	0.68	7.15	38.3	4060	1.83	0.47	2.64	2.81	67.4	5.1	12	27.6	10.9
Q924360		4.67	<0.005	0.43	7.26	20.0	1570	1.41	0.57	2.15	1.46	44.5	7.1	9	28.3	9.8
Q924361		6.26	0.009	0.32	7.30	17.8	1670	1.46	0.28	2.26	2.26	46.2	6.9	11	16.50	7.9
Q924362		5.96	0.032	0.50	7.48	14.0	2960	1.37	0.47	2.14	0.19	47.7	20.8	10	21.6	6.0
Q924363		<0.02	0.017	0.68	7.23	13.4	2960	1.24	0.48	2.06	0.23	46.1	20.0	11	20.4	6.4
Q924364		7.35	<0.005	0.11	7.33	5.4	2130	1.54	0.22	2.44	0.22	46.0	7.3	10	15.65	6.3
Q924365		7.26	0.006	0.33	6.75	25.5	1600	1.42	0.40	3.93	1.23	43.1	7.5	11	15.60	9.0
Q924366		6.57	0.078	0.89	6.51	92.7	1690	1.38	0.91	3.58	2.76	45.7	6.0	11	14.95	24.8
Q924367		2.55	<0.005	0.01	0.10	0.7	40	0.05	0.02	20.0	0.07	1.36	0.6	1	0.41	1.3
Q924368		7.93	<0.005	0.18	7.05	7.9	1230	1.65	1.31	3.09	0.15	47.9	5.9	11	14.60	7.2
Q924369		9.03	<0.005	0.09	7.02	7.0	1460	1.47	1.20	2.84	0.08	42.3	6.4	10	15.85	7.7
Q924370		6.72	<0.005	0.18	6.85	13.6	1780	1.37	0.56	2.54	0.10	45.7	8.3	14	14.60	62.6
Q924371		8.85	<0.005	0.29	6.97	37.6	850	1.93	0.16	3.08	0.31	65.8	8.8	24	22.2	14.2
Q924372		2.90	0.116	3.48	7.12	495	530	1.32	1.83	1.23	13.60	81.5	7.1	12	10.80	262
Q924373		2.23	<0.005	0.01	0.07	<0.2	100	0.05	0.02	20.8	0.08	1.38	1.3	1	0.20	2.3
Q924374		3.72	0.015	0.51	7.08	60.6	1780	1.52	0.46	2.57	0.61	52.0	8.6	10	22.6	12.1
Q924375		6.10	<0.005	0.10	6.94	7.0	2170	1.66	0.35	2.09	0.13	45.8	9.6	11	16.70	5.9
Q924376		8.03	<0.005	0.09	7.38	5.7	2060	1.35	0.43	1.87	0.09	42.2	8.0	10	18.30	8.2
Q924377		7.16	0.021	0.50	6.35	27.6	1460	1.37	2.69	3.71	0.11	45.7	9.2	10	15.35	14.1

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104756

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924342		2.97	15.95	0.11	1.1	0.045	2.73	24.5	38.0	0.72	890	2.36	0.44	7.8	3.1	630
Q924343		3.43	15.55	0.10	1.1	0.052	2.76	22.8	47.1	0.75	1170	1.50	0.47	7.7	2.9	630
Q924344		3.47	15.30	0.10	1.1	0.084	2.35	26.3	57.2	0.90	2510	0.81	0.04	7.3	2.6	600
Q924345		3.37	16.45	0.11	1.3	0.060	2.44	25.0	34.9	0.50	1200	1.54	0.08	8.4	3.0	700
Q924346		3.37	17.75	0.11	1.4	0.050	2.70	22.3	36.8	0.45	1030	1.57	0.09	9.0	2.8	710
Q924347		3.19	16.15	0.09	1.3	0.041	2.54	23.2	22.3	0.75	674	0.97	1.62	8.0	2.9	640
Q924348		3.25	17.25	0.11	1.2	0.046	2.70	23.0	29.9	0.70	955	1.01	0.91	8.4	3.0	690
Q924349		3.61	13.40	0.09	1.0	0.112	2.84	24.8	72.5	0.90	4110	0.57	0.04	6.2	2.4	520
Q924350		5.02	14.60	0.11	1.1	0.297	3.03	27.6	25.1	0.78	1880	13.90	0.15	5.9	13.9	540
Q924351		3.31	16.00	0.10	1.2	0.054	2.86	19.1	42.1	0.82	1360	1.68	0.08	7.9	2.9	660
Q924352		3.37	15.90	0.11	1.1	0.059	2.91	20.5	16.7	0.83	1080	0.85	1.64	8.0	2.9	630
Q924353		3.23	15.70	0.12	1.1	0.046	2.77	23.1	22.2	0.83	832	0.86	1.07	7.5	2.7	630
Q924354		3.51	15.20	0.12	1.1	0.046	2.77	26.1	72.1	1.15	1000	0.79	0.13	7.5	2.8	640
Q924355		2.60	21.7	0.12	2.9	0.052	2.78	29.6	51.1	0.90	852	1.16	0.05	13.6	4.0	1010
Q924356		4.06	15.30	0.11	1.0	0.108	3.33	25.2	33.8	0.94	1740	0.75	0.05	7.2	3.0	610
Q924357		6.66	14.70	0.10	1.1	0.773	3.00	23.8	18.7	0.79	1840	8.90	0.13	6.2	12.1	560
Q924358		3.93	16.10	0.10	1.2	0.135	3.63	28.1	33.8	1.00	1660	2.50	0.06	7.9	3.2	620
Q924359		2.60	16.35	0.11	2.4	0.038	2.29	36.0	88.7	1.01	764	1.83	0.05	10.1	3.0	840
Q924360		2.88	16.20	0.11	1.2	0.042	2.22	21.1	77.3	0.83	925	0.88	0.06	8.1	2.7	670
Q924361		3.20	15.50	0.10	1.0	0.078	3.11	22.8	64.8	0.81	1640	0.83	0.10	7.3	2.7	630
Q924362		4.03	15.75	0.11	1.0	0.060	2.83	24.2	43.3	0.88	1230	0.51	0.10	7.8	2.8	670
Q924363		3.93	15.20	0.11	1.0	0.070	2.79	23.5	41.3	0.85	1220	0.56	0.09	7.4	2.6	660
Q924364		3.15	15.10	0.10	0.9	0.042	2.77	22.6	17.3	0.78	649	0.53	1.53	7.3	2.7	620
Q924365		3.25	13.50	0.10	0.9	0.082	2.90	23.3	36.7	1.17	1940	0.83	0.07	6.3	2.5	550
Q924366		3.37	13.40	0.11	0.9	0.134	3.02	25.1	16.5	1.20	2100	1.89	0.03	6.3	2.5	540
Q924367		0.48	0.25	<0.05	<0.1	<0.005	0.04	0.7	1.1	12.65	218	0.05	0.01	0.2	1.3	180
Q924368		3.09	14.50	0.12	1.0	0.061	2.97	24.9	44.3	1.05	1250	0.36	0.22	7.2	2.5	610
Q924369		2.94	15.15	0.11	1.1	0.039	2.59	20.3	59.1	0.78	704	0.31	0.82	7.2	2.5	600
Q924370		3.20	16.70	0.11	1.1	0.064	3.13	23.4	26.2	0.86	879	0.63	0.97	8.0	3.2	610
Q924371		2.71	18.85	0.13	3.9	0.035	1.83	33.1	122.0	1.20	1080	2.06	0.04	10.9	9.1	1340
Q924372		4.75	17.65	0.20	1.1	0.445	3.38	44.7	14.5	0.74	4430	1.95	0.03	7.4	3.5	600
Q924373		0.48	0.39	0.05	<0.1	0.005	0.03	0.7	1.0	12.75	216	0.09	<0.01	0.3	2.6	160
Q924374		3.32	16.45	0.14	1.2	0.048	2.87	27.6	43.0	1.01	1570	2.00	0.08	7.5	3.1	600
Q924375		3.39	16.80	0.13	1.3	0.041	2.89	22.3	31.8	0.82	781	0.54	0.63	7.9	3.0	630
Q924376		3.02	17.85	0.14	1.3	0.038	2.90	20.1	35.7	0.66	610	1.19	0.54	8.3	2.8	630
Q924377		2.89	15.20	0.12	1.0	0.033	2.20	25.4	51.9	1.11	994	0.87	0.06	6.6	3.0	500

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104756

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924342		21.0	97.2	<0.002	0.03	10.80	10.8	1	2.0	175.5	0.60	0.15	11.9	0.283	1.33	3.2
Q924343		39.3	115.0	<0.002	0.13	13.65	11.6	1	1.8	166.5	0.62	<0.05	12.2	0.285	1.47	3.4
Q924344		184.5	113.5	<0.002	0.21	32.8	10.3	2	1.9	83.8	0.63	1.52	12.9	0.249	1.53	4.5
Q924345		216	101.0	<0.002	0.07	20.0	11.7	1	1.8	81.7	0.73	0.08	13.6	0.285	1.12	2.8
Q924346		30.7	112.0	<0.002	0.05	19.25	12.5	1	1.7	80.1	0.79	0.09	14.1	0.299	1.17	3.4
Q924347		27.7	92.9	<0.002	0.01	4.49	11.1	1	1.6	338	0.69	<0.05	12.2	0.280	1.07	3.0
Q924348		24.3	104.0	<0.002	0.07	9.68	12.6	1	1.7	210	0.66	<0.05	12.1	0.303	1.25	3.2
Q924349		999	167.5	<0.002	0.91	117.0	9.2	1	2.4	95.4	0.52	<0.05	12.0	0.226	2.31	4.7
Q924350		492	159.0	0.002	2.69	27.4	8.8	1	5.4	106.5	0.48	0.28	10.9	0.203	2.40	5.0
Q924351		30.8	114.0	<0.002	0.10	20.3	11.2	1	1.6	93.4	0.64	<0.05	11.1	0.289	1.77	3.8
Q924352		29.0	119.5	<0.002	0.06	4.50	11.1	1	1.7	342	0.65	<0.05	11.7	0.280	1.53	3.5
Q924353		29.1	109.0	<0.002	0.05	14.70	10.6	1	1.7	267	0.62	<0.05	12.1	0.269	1.33	4.4
Q924354		17.3	125.5	<0.002	0.06	10.95	11.2	1	1.9	186.5	0.60	<0.05	12.8	0.278	1.60	3.3
Q924355		35.9	77.7	<0.002	0.31	16.55	7.6	<1	2.0	303	0.91	<0.05	10.5	0.313	2.72	11.3
Q924356		26.6	167.0	<0.002	0.48	9.70	10.8	1	2.7	114.0	0.59	<0.05	12.3	0.261	2.19	3.0
Q924357		1370	164.5	<0.002	4.71	62.7	9.0	2	7.8	95.5	0.50	1.21	10.8	0.219	2.61	4.9
Q924358		103.0	201	<0.002	0.48	11.45	10.6	1	3.9	123.5	0.69	0.07	12.5	0.263	2.72	4.4
Q924359		79.2	86.8	<0.002	0.18	14.95	6.0	1	1.7	286	0.70	<0.05	10.2	0.242	1.60	7.6
Q924360		43.1	82.8	<0.002	0.11	19.15	10.5	1	1.7	151.0	0.66	0.05	11.9	0.276	1.58	8.1
Q924361		86.0	134.0	<0.002	0.16	9.09	10.7	1	1.8	117.5	0.59	<0.05	11.5	0.270	1.99	3.6
Q924362		23.1	104.5	<0.002	0.44	12.25	11.4	<1	1.8	123.0	0.61	0.13	11.4	0.289	1.48	2.8
Q924363		24.7	100.0	<0.002	0.44	12.00	10.9	1	1.7	118.0	0.60	0.12	11.3	0.278	1.42	2.8
Q924364		20.2	106.5	<0.002	0.03	3.54	10.6	<1	1.6	292	0.57	<0.05	12.0	0.273	1.25	2.8
Q924365		35.3	135.5	<0.002	0.26	8.34	9.3	1	1.7	118.5	0.48	<0.05	10.6	0.234	2.10	4.5
Q924366		105.0	161.5	<0.002	0.54	14.95	9.6	1	2.8	85.6	0.49	<0.05	11.2	0.228	2.43	5.1
Q924367		1.9	2.2	<0.002	<0.01	0.13	0.2	<1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.03	0.5
Q924368		9.4	134.0	<0.002	0.13	8.20	10.5	<1	2.0	110.0	0.56	<0.05	12.6	0.256	2.27	6.3
Q924369		10.1	106.5	<0.002	0.05	6.16	10.4	1	1.9	167.5	0.60	<0.05	11.3	0.266	1.53	3.8
Q924370		17.4	122.0	<0.002	0.11	5.18	11.4	1	2.0	233	0.64	<0.05	11.9	0.268	1.72	3.9
Q924371		17.1	78.1	<0.002	0.19	33.2	7.3	1	1.7	570	0.74	<0.05	8.9	0.347	1.98	7.8
Q924372		669	198.0	0.002	1.61	46.0	11.3	1	5.6	67.8	0.57	<0.05	13.3	0.249	2.53	5.5
Q924373		3.7	1.6	<0.002	0.01	0.23	0.2	1	<0.2	53.4	<0.05	<0.05	<0.2	<0.005	0.02	1.0
Q924374		53.0	116.5	<0.002	0.35	12.40	9.8	1	2.1	152.0	0.61	<0.05	13.2	0.256	1.95	6.6
Q924375		14.9	110.0	<0.002	0.06	10.40	10.8	1	2.0	181.0	0.68	<0.05	13.1	0.269	1.55	3.4
Q924376		14.5	107.5	<0.002	0.02	11.35	11.8	1	2.1	178.5	0.69	<0.05	12.0	0.277	1.22	3.3
Q924377		12.0	100.5	<0.002	0.20	14.75	9.2	1	2.2	150.5	0.54	<0.05	11.1	0.221	1.35	8.5

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104756

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924342		75	3.8	15.5	73	27.2
Q924343		80	3.3	15.6	111	26.7
Q924344		71	6.3	15.7	248	26.4
Q924345		77	12.0	16.3	273	30.8
Q924346		81	11.0	16.0	100	32.2
Q924347		78	2.6	16.0	62	29.0
Q924348		86	4.6	15.8	65	29.0
Q924349		65	3.5	14.3	2350	24.0
Q924350		66	5.6	11.1	873	29.3
Q924351		81	6.4	14.2	189	27.0
Q924352		79	2.6	15.3	86	25.1
Q924353		76	2.2	14.9	87	26.1
Q924354		78	3.1	15.5	68	24.1
Q924355		66	4.0	13.9	91	98.1
Q924356		75	4.3	13.3	94	22.1
Q924357		64	6.1	11.1	2490	28.4
Q924358		74	3.8	14.3	148	27.3
Q924359		51	2.1	13.5	239	77.2
Q924360		75	4.2	14.0	143	27.9
Q924361		76	2.4	12.3	298	22.8
Q924362		80	5.2	13.9	87	23.7
Q924363		79	5.1	13.5	86	22.5
Q924364		74	1.1	13.8	60	22.9
Q924365		67	2.7	12.6	157	21.4
Q924366		66	3.1	12.5	295	20.5
Q924367		2	0.1	0.7	15	<0.5
Q924368		73	2.3	11.6	65	24.5
Q924369		75	1.8	10.4	44	24.3
Q924370		77	2.3	15.1	50	27.9
Q924371		70	5.1	13.7	81	158.5
Q924372		72	10.9	12.6	1390	28.8
Q924373		1	0.1	0.8	19	<0.5
Q924374		71	3.1	14.9	90	31.3
Q924375		74	1.1	15.4	60	29.9
Q924376		76	1.9	15.7	48	32.3
Q924377		67	2.7	15.1	57	25.3

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104756

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

CERTIFICATE WH14104809

Project: KLAZA

P.O. No.: BATCH 48

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

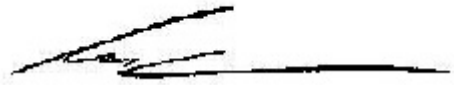
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104809

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924522		8.60	<0.005	0.33	7.90	7.1	2310	1.34	0.16	1.99	0.12	49.3	7.1	10	14.10	13.5
Q924523		1.36	0.025	5.45	7.42	106.5	2050	1.54	1.58	2.97	9.19	52.7	11.9	9	17.00	14.1
Q924524		8.68	<0.005	0.06	7.12	5.1	2200	1.47	0.10	2.46	0.09	46.3	7.2	11	11.85	13.2
Q924525		0.24	0.846	11.80	6.44	1570	150	1.34	11.20	1.75	31.8	46.9	16.8	19	12.60	288
Q924526		5.95	0.033	1.00	5.83	61.2	1560	1.35	0.17	5.11	4.73	42.8	6.8	7	18.50	14.2
Q924527		8.99	<0.005	0.20	7.15	25.8	1830	1.39	0.17	2.38	0.22	46.4	7.4	10	16.10	10.3
Q924528		8.29	0.108	3.08	5.39	102.5	200	1.32	0.16	3.41	10.05	39.3	6.3	7	14.30	9.1
Q924529		8.33	<0.005	0.01	0.06	<0.2	70	0.07	0.04	20.7	0.06	1.20	0.7	<1	0.14	1.6
Q924530		5.29	<0.005	0.07	7.19	4.7	2210	1.50	0.15	2.82	0.06	48.1	7.8	12	12.50	9.1
Q924531		3.73	<0.005	0.05	7.72	9.5	2100	1.36	0.27	1.85	0.09	50.7	7.0	9	19.75	9.4
Q924532		3.83	0.009	0.60	6.97	95.4	890	1.64	0.39	3.04	2.96	52.3	8.1	7	20.7	8.4
Q924533		10.50	<0.005	0.06	7.48	7.7	2320	1.63	0.12	2.55	0.09	50.1	7.3	11	11.10	7.4
Q924534		4.22	<0.005	0.42	7.32	22.1	2260	1.59	0.26	2.78	0.63	47.5	8.2	12	13.30	11.2
Q924535		1.91	<0.005	0.61	7.63	21.1	2230	1.40	0.27	2.87	0.31	50.2	7.8	9	13.10	7.7
Q924536		7.08	0.159	0.44	7.53	51.3	2280	1.68	1.76	2.81	0.09	54.1	9.3	9	9.79	27.7
Q924537		9.61	<0.005	0.17	7.36	16.1	2090	1.61	0.53	2.72	0.08	48.4	8.0	10	16.40	12.2
Q924538		11.54	<0.005	0.11	7.44	8.9	2180	1.56	0.18	2.58	0.09	54.0	8.0	16	15.25	13.7
Q924539		3.69	0.082	1.95	6.41	285	310	1.42	0.69	3.35	6.94	45.0	7.8	10	14.15	8.6
Q924540		2.57	<0.005	0.02	0.05	0.3	20	0.07	0.03	20.0	0.08	0.89	0.6	<1	0.11	4.7
Q924541		6.95	<0.005	0.15	7.37	38.2	1950	1.45	0.20	2.75	0.17	51.3	7.6	9	16.65	10.0
Q924542		4.86	<0.005	0.08	7.38	6.5	2130	1.50	0.19	2.62	0.10	47.6	7.3	11	14.65	10.6
Q924543		0.24	1.855	39.7	5.85	2610	380	1.05	37.2	1.65	45.4	38.0	16.0	23	9.25	1210
Q924544		6.91	0.026	1.84	6.78	220	1190	1.69	0.59	3.34	6.88	48.3	16.0	7	17.45	27.0
Q924545		6.28	<0.005	0.13	7.61	14.0	2230	1.55	0.49	2.29	0.12	50.9	10.8	10	15.50	5.9
Q924546		5.16	0.007	0.06	8.02	18.8	2140	1.39	1.00	1.39	0.08	55.5	19.3	9	10.80	6.1
Q924547		10.64	0.005	0.11	7.39	19.3	1900	1.58	0.60	2.54	0.07	51.6	13.7	10	18.30	11.3
Q924548		<0.02	0.007	0.09	7.47	19.3	1910	1.57	0.59	2.55	0.10	51.7	14.2	12	19.40	11.1
Q924549		11.13	<0.005	0.08	7.25	9.5	2170	1.55	0.30	2.98	0.08	49.2	10.1	9	14.70	18.7
Q924550		11.44	<0.005	0.07	7.42	7.2	2170	1.47	0.15	3.03	0.09	49.8	7.3	11	13.25	14.4
Q924951		3.74	0.013	0.38	7.29	23.8	2000	1.64	1.97	2.10	0.09	51.7	19.1	9	10.90	5.4
Q924952		8.05	<0.005	0.13	7.74	8.0	2300	1.70	0.34	2.76	0.10	52.6	8.0	11	8.90	12.0
Q924953		6.58	0.005	0.14	7.41	14.8	1330	1.20	0.19	1.31	0.19	44.5	8.4	9	13.85	15.3
Q924954		6.16	0.023	0.47	7.35	48.1	1050	1.46	0.74	1.36	1.39	53.3	15.9	8	11.30	17.9
Q924955		1.85	0.302	10.95	6.66	408	280	1.58	2.34	2.20	32.3	51.5	15.3	9	11.80	67.0
Q924956		8.80	<0.005	0.27	7.18	21.3	1150	1.92	0.14	3.40	0.30	62.9	7.5	16	16.60	12.7
Q924957		5.74	0.232	10.65	5.75	165.5	780	1.62	1.25	6.62	28.6	52.7	7.0	9	11.55	57.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924522		2.77	16.40	0.15	1.1	0.034	2.58	25.7	41.2	0.58	630	1.00	0.73	7.7	2.8	660
Q924523		3.16	16.10	0.17	1.2	0.494	3.04	27.8	35.8	0.86	984	1.67	0.73	7.7	3.5	640
Q924524		2.75	15.20	0.14	1.1	0.033	2.45	21.8	19.1	0.76	597	1.56	2.06	7.1	3.6	610
Q924525		6.12	14.80	0.17	1.1	0.753	2.76	23.0	18.7	0.73	1800	8.50	0.12	5.9	12.0	550
Q924526		3.97	12.10	0.15	0.8	0.106	2.32	21.4	35.5	1.89	3560	1.59	0.22	5.6	2.5	510
Q924527		2.94	16.30	0.14	1.1	0.067	3.07	21.0	22.7	0.75	1900	0.79	0.53	7.6	2.8	650
Q924528		3.99	11.65	0.14	0.8	0.311	2.40	19.8	30.0	1.11	4190	1.86	0.06	5.1	2.5	450
Q924529		0.47	0.18	0.08	<0.1	<0.005	0.03	0.5	1.1	12.95	214	0.15	<0.01	0.1	1.2	220
Q924530		2.86	16.00	0.13	1.0	0.039	2.43	21.8	13.2	0.77	643	1.93	2.08	7.8	2.8	660
Q924531		2.66	16.25	0.16	1.0	0.038	2.68	24.0	32.1	0.57	476	0.68	0.92	7.7	2.4	680
Q924532		3.10	14.50	0.14	0.9	0.106	2.57	26.5	63.7	1.11	2510	0.76	0.05	6.6	2.5	570
Q924533		2.94	16.40	0.13	1.1	0.031	2.60	22.9	19.2	0.79	606	0.85	2.24	7.7	3.3	680
Q924534		3.05	16.20	0.15	1.1	0.038	2.82	21.6	24.5	0.88	1000	0.94	1.53	7.6	2.8	650
Q924535		3.03	16.15	0.16	1.0	0.034	2.88	23.5	24.5	0.88	1040	0.75	1.54	7.5	2.8	660
Q924536		3.30	17.05	0.14	1.1	0.056	2.56	25.0	19.9	0.93	745	1.71	2.03	8.3	3.1	720
Q924537		2.95	16.05	0.16	1.1	0.054	2.75	22.2	19.0	0.81	926	1.04	1.42	7.5	2.7	640
Q924538		3.12	16.90	0.15	1.1	0.084	2.86	25.4	14.8	0.80	1040	1.45	1.76	8.0	3.2	660
Q924539		3.85	13.65	0.15	0.8	0.168	2.95	22.2	22.6	1.13	4650	1.33	0.07	6.0	2.5	530
Q924540		0.46	0.18	0.10	<0.1	<0.005	0.02	<0.5	0.9	12.60	203	0.10	<0.01	0.1	1.5	220
Q924541		3.20	15.95	0.18	0.9	0.097	3.01	24.3	37.6	0.76	1300	1.01	1.10	7.5	2.7	670
Q924542		2.89	16.25	0.15	1.1	0.036	2.61	22.4	17.8	0.72	700	1.71	1.96	7.7	2.7	660
Q924543		8.74	13.65	0.16	0.8	1.485	2.58	17.1	15.7	0.68	2390	17.40	0.06	4.5	14.2	470
Q924544		3.30	14.25	0.15	0.9	0.143	2.53	24.2	201	1.18	2480	1.32	0.05	6.7	2.7	590
Q924545		2.92	16.70	0.15	1.1	0.041	2.80	23.5	19.9	0.76	636	0.85	1.54	8.1	2.6	700
Q924546		2.89	17.35	0.16	1.1	0.055	2.92	27.7	27.1	0.66	626	1.86	0.43	8.1	2.7	710
Q924547		3.00	15.85	0.15	1.1	0.041	2.53	25.1	48.0	0.87	659	1.30	0.58	7.5	3.6	660
Q924548		3.01	16.45	0.15	1.1	0.044	2.63	24.7	49.1	0.87	670	1.13	0.59	7.8	3.4	690
Q924549		2.81	16.20	0.15	1.0	0.041	2.56	22.7	17.9	0.54	629	1.10	1.37	7.7	5.8	650
Q924550		2.87	15.60	0.17	1.1	0.042	2.56	23.6	17.8	0.73	624	0.87	1.82	7.6	4.1	660
Q924951		2.88	15.75	0.17	1.0	0.062	2.68	25.9	36.6	0.76	748	0.80	0.58	7.3	3.0	630
Q924952		3.07	16.95	0.15	1.2	0.041	2.78	24.3	13.9	0.87	722	1.21	2.23	8.1	2.6	710
Q924953		2.71	15.75	0.13	1.2	0.050	2.15	20.0	35.6	0.49	803	0.98	0.07	8.0	3.3	680
Q924954		3.66	15.55	0.16	1.1	0.103	2.58	27.3	62.6	0.71	1420	1.45	0.04	7.2	2.8	610
Q924955		4.63	16.15	0.15	1.6	0.313	2.60	25.4	27.1	1.01	1140	8.31	0.03	7.0	4.6	740
Q924956		2.44	17.35	0.16	3.1	0.024	2.15	31.3	65.7	1.41	741	2.58	0.02	9.1	8.0	1090
Q924957		3.41	12.95	0.14	2.0	0.151	1.14	26.1	62.9	2.49	1680	1.91	0.02	7.7	7.5	770

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924522		20.1	97.0	<0.002	0.05	12.95	10.5	1	1.8	198.5	0.59	<0.05	12.5	0.275	1.10	2.7
Q924523		1645	148.5	<0.002	1.16	27.0	10.6	1	1.7	184.0	0.61	<0.05	13.2	0.258	1.96	5.8
Q924524		17.0	101.0	<0.002	0.02	1.70	10.2	1	1.6	376	0.55	<0.05	10.9	0.252	1.02	3.9
Q924525		1280	161.0	<0.002	4.52	61.3	8.8	2	7.7	93.9	0.49	1.17	10.1	0.207	2.50	5.0
Q924526		100.5	128.5	<0.002	0.63	14.40	8.7	1	1.6	136.5	0.45	<0.05	9.1	0.204	1.95	5.3
Q924527		26.5	137.0	<0.002	0.20	7.95	10.8	1	1.9	164.5	0.63	<0.05	11.0	0.257	1.99	4.1
Q924528		442	167.0	<0.002	2.60	32.1	7.7	<1	1.7	89.2	0.41	<0.05	8.2	0.180	2.41	6.3
Q924529		2.2	1.1	<0.002	0.02	0.09	0.2	<1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q924530		15.0	98.9	<0.002	0.03	2.29	11.2	1	1.8	392	0.58	<0.05	11.0	0.263	1.04	3.5
Q924531		15.9	113.5	<0.002	0.08	9.78	11.0	<1	2.1	214	0.61	<0.05	11.9	0.279	1.29	3.3
Q924532		32.6	135.0	<0.002	0.45	14.65	9.8	1	2.0	139.5	0.53	<0.05	10.7	0.238	2.05	4.1
Q924533		16.1	105.0	<0.002	0.03	2.11	10.8	<1	1.6	404	0.63	<0.05	11.3	0.267	1.13	3.5
Q924534		186.5	122.0	<0.002	0.23	6.20	11.1	<1	1.8	311	0.61	<0.05	11.0	0.264	1.62	4.8
Q924535		109.5	131.0	<0.002	0.23	6.99	11.0	<1	1.7	311	0.60	<0.05	11.8	0.269	1.75	5.8
Q924536		15.9	111.5	<0.002	0.16	3.05	12.7	<1	1.8	376	0.65	<0.05	12.2	0.291	1.16	4.6
Q924537		17.1	127.5	<0.002	0.28	3.56	10.4	<1	1.7	264	0.63	<0.05	12.2	0.261	1.54	4.7
Q924538		20.4	135.5	<0.002	0.09	3.20	11.3	1	1.8	332	0.68	<0.05	12.8	0.274	1.57	4.6
Q924539		261	188.5	<0.002	2.36	20.0	8.7	<1	2.1	91.4	0.47	<0.05	8.8	0.216	2.60	4.7
Q924540		1.6	0.8	<0.002	0.01	0.06	0.1	<1	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	0.02	0.4
Q924541		20.4	142.5	<0.002	0.20	6.64	11.1	<1	1.9	272	0.59	0.05	11.0	0.273	1.85	5.7
Q924542		15.7	112.0	<0.002	0.03	3.49	10.9	<1	1.7	355	0.63	<0.05	11.7	0.263	1.10	3.3
Q924543		1670	151.5	0.004	8.02	109.5	7.8	1	10.5	63.6	0.36	0.76	8.0	0.166	2.24	4.9
Q924544		243	143.5	<0.002	0.81	30.6	9.9	<1	2.0	137.5	0.52	<0.05	10.9	0.234	1.98	7.2
Q924545		15.7	122.5	<0.002	0.11	4.80	11.6	1	1.9	291	0.66	<0.05	12.5	0.277	1.33	3.8
Q924546		11.6	129.5	<0.002	0.19	10.20	11.9	<1	2.3	117.5	0.67	<0.05	14.1	0.285	1.38	5.0
Q924547		12.5	118.0	<0.002	0.19	6.89	10.9	1	2.1	201	0.61	<0.05	12.1	0.269	1.32	3.6
Q924548		13.0	119.5	<0.002	0.19	7.21	11.6	1	2.1	206	0.62	<0.05	12.3	0.267	1.34	4.0
Q924549		16.6	110.5	<0.002	0.07	5.29	10.7	<1	2.5	293	0.65	<0.05	12.6	0.262	1.10	3.9
Q924550		15.0	110.0	<0.002	0.03	3.95	10.6	1	1.7	355	0.62	0.05	12.2	0.266	1.04	4.0
Q924951		11.6	128.0	<0.002	0.54	8.92	11.4	1	2.3	150.0	0.59	<0.05	12.0	0.265	1.58	5.0
Q924952		17.7	116.0	<0.002	0.08	2.28	11.4	<1	1.6	388	0.70	<0.05	12.8	0.290	1.20	4.5
Q924953		14.3	90.9	<0.002	0.10	20.4	10.8	1	2.2	77.5	0.69	<0.05	12.0	0.263	1.26	3.5
Q924954		60.5	132.5	<0.002	0.54	18.35	9.7	1	2.2	92.0	0.64	0.08	12.6	0.237	1.82	7.5
Q924955		1580	160.0	<0.002	3.07	25.8	8.0	<1	8.9	493	0.56	0.24	8.9	0.236	2.18	5.3
Q924956		19.7	107.0	<0.002	0.19	8.46	6.5	<1	1.9	828	0.64	<0.05	8.5	0.284	2.00	5.1
Q924957		1460	59.7	<0.002	0.84	24.4	5.5	1	2.3	444	0.52	0.16	7.5	0.209	1.05	7.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924522		78	11.0	15.2	60	27.3
Q924523		77	2.4	14.5	1090	27.1
Q924524		72	0.9	15.2	41	26.9
Q924525		62	5.9	10.7	2400	27.4
Q924526		61	3.6	14.9	600	21.2
Q924527		75	3.4	15.2	71	27.6
Q924528		54	10.1	12.1	839	19.4
Q924529		3	0.1	0.8	14	<0.5
Q924530		76	2.0	15.8	43	25.5
Q924531		79	2.6	14.5	49	24.8
Q924532		69	2.9	15.2	271	22.7
Q924533		77	0.9	16.0	41	26.5
Q924534		78	1.9	16.1	100	25.7
Q924535		78	1.7	16.3	62	24.9
Q924536		89	1.9	18.8	48	25.8
Q924537		74	2.0	14.9	50	25.7
Q924538		77	1.7	16.8	56	26.5
Q924539		63	3.4	12.2	524	19.6
Q924540		2	0.1	0.6	13	<0.5
Q924541		76	2.9	15.8	62	23.3
Q924542		76	3.6	15.8	47	26.3
Q924543		59	7.4	9.0	3520	21.7
Q924544		69	4.1	15.0	751	22.7
Q924545		81	3.1	15.9	45	26.8
Q924546		83	4.6	16.1	44	27.7
Q924547		80	3.9	16.5	43	26.2
Q924548		81	3.6	17.1	44	27.9
Q924549		77	2.7	16.0	45	25.1
Q924550		77	2.5	16.8	43	26.3
Q924951		81	3.1	14.1	51	24.8
Q924952		83	2.0	16.8	51	29.1
Q924953		75	12.0	13.9	62	27.6
Q924954		68	5.8	13.1	258	25.6
Q924955		61	4.5	8.2	2810	57.6
Q924956		59	2.1	12.2	86	129.0
Q924957		47	4.1	11.6	2150	80.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14104809

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

CERTIFICATE WH14105960

Project: KLAZA

P.O. No.: BATCH 49

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105960

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924913		15.39	0.025	1.28	6.69	142.5	820	1.37	0.69	3.04	1.91	49.0	7.7	8	15.95	11.1
Q924914		13.52	0.025	0.99	6.98	125.0	580	1.45	1.16	2.58	1.20	29.5	4.7	9	8.63	46.8
Q924915		4.06	0.269	6.95	6.11	613	440	1.18	4.58	2.07	11.75	28.7	7.1	6	11.95	76.4
Q924916		4.31	<0.005	0.01	0.05	<0.2	10	0.07	0.03	20.5	0.07	1.27	0.7	<1	0.16	4.3
Q924917		8.66	0.012	1.13	6.96	46.3	800	1.25	1.11	3.55	2.07	40.2	6.9	11	9.34	24.4
Q924918		11.27	0.010	0.27	6.85	17.6	1030	1.29	0.47	3.32	1.30	41.4	8.6	9	10.30	11.4
Q924919		0.25	1.775	36.6	5.51	2510	150	1.09	31.0	1.63	41.0	33.3	16.5	22	9.72	1165
Q924920		3.93	0.008	0.32	6.80	22.3	820	1.30	0.43	3.19	0.33	33.4	7.2	11	10.35	8.7
Q924921		10.80	0.013	0.60	6.88	38.1	1290	1.23	0.69	3.92	1.15	41.0	7.4	8	14.65	18.6
Q924922		9.46	0.015	0.73	6.31	24.9	950	1.27	0.46	2.24	4.00	38.2	2.3	6	5.64	26.8
Q924923		6.28	0.023	0.64	6.18	39.4	670	1.53	0.56	3.12	1.64	29.2	3.8	6	6.81	18.3
Q924924		12.60	0.015	0.81	6.81	47.9	870	1.46	0.76	3.11	1.28	34.2	7.6	9	11.70	22.5
Q924925		<0.02	0.012	0.68	6.92	48.6	810	1.26	0.67	3.05	1.27	36.8	8.0	8	11.90	21.3
Q924926		10.47	0.050	0.48	6.84	46.1	1480	1.68	0.63	3.05	1.96	57.0	8.8	15	13.90	27.1
Q924927		4.57	<0.005	0.13	7.32	83.0	570	1.29	0.11	3.28	0.31	131.5	18.0	141	3.76	18.7
Q924928		3.11	0.137	3.02	7.05	202	1390	1.63	7.04	1.88	1.91	71.2	13.0	34	16.00	242
Q924929		3.50	<0.005	0.02	0.12	1.0	30	0.07	0.05	20.5	0.08	2.04	0.8	1	0.20	3.9
Q924930		4.65	<0.005	0.07	7.74	8.6	2330	1.59	0.37	2.15	0.10	51.6	7.9	9	12.25	12.1
Q924931		11.52	<0.005	0.08	7.24	7.7	2230	1.65	0.98	2.69	0.08	48.1	7.3	9	13.45	8.7
Q924932		8.02	<0.005	0.06	7.50	8.8	2120	1.52	0.47	2.67	0.12	49.1	7.1	9	17.95	6.3
Q924933		8.21	<0.005	0.18	6.80	29.4	1720	1.65	0.39	2.52	0.34	42.1	7.7	8	26.2	14.2
Q924934		4.24	0.025	1.24	5.54	81.4	1410	1.56	0.45	5.70	4.67	45.0	5.5	5	21.4	15.1
Q924935		0.25	1.710	39.9	5.75	2600	80	1.16	35.7	1.82	46.3	41.3	16.6	22	10.10	1240
Q924936		3.18	<0.005	0.32	7.14	26.3	2160	1.50	3.08	1.86	0.35	46.3	8.3	8	20.6	39.6
Q924937		9.89	<0.005	0.10	6.84	7.3	2230	1.68	0.87	2.73	0.24	44.9	7.7	9	17.35	14.0
Q924938		3.93	<0.005	0.64	6.88	54.0	3820	1.56	0.32	3.59	1.75	47.9	7.1	8	24.4	14.6
Q924939		6.31	0.014	1.43	6.49	81.4	1120	1.53	0.91	3.82	3.23	50.6	14.0	7	22.2	89.0
Q924940		6.44	0.034	1.91	6.81	105.5	3080	1.55	2.32	2.71	1.40	50.3	22.9	8	18.30	86.4
Q924941		6.85	<0.005	0.11	7.28	40.7	2140	1.48	0.29	3.86	0.10	59.2	7.7	8	14.85	16.1
Q924942		7.38	<0.005	0.11	6.96	12.2	2110	1.59	0.45	2.53	0.15	44.5	7.0	8	23.3	12.9
Q924943		3.08	<0.005	0.10	7.01	10.8	2070	1.63	0.69	2.58	0.13	43.3	7.2	7	22.9	14.3
Q924944		12.26	<0.005	0.10	7.33	9.1	2200	1.65	0.41	2.79	0.63	47.8	7.5	9	12.55	8.6
Q924945		8.65	<0.005	0.12	7.38	14.9	2270	1.57	0.35	2.72	0.21	50.6	7.6	10	14.95	19.3
Q924946		8.19	<0.005	0.07	7.37	8.1	2190	1.66	0.27	2.77	0.17	51.1	7.3	14	16.75	19.0
Q924947		4.34	0.035	0.68	6.63	313	1590	1.42	0.31	4.10	2.26	62.8	6.1	7	25.5	17.5
Q924948		10.48	0.014	0.68	6.88	77.6	1670	1.55	0.30	3.12	2.00	44.1	7.3	8	21.1	13.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105960

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924913		2.97	15.60	0.11	0.6	0.065	2.20	26.3	36.9	0.96	2080	0.99	0.25	7.5	3.1	490
Q924914		2.25	15.85	0.10	0.5	0.106	2.53	12.5	36.1	0.71	1520	0.49	0.55	6.9	2.4	380
Q924915		4.28	14.10	0.11	0.4	0.588	2.74	13.2	22.2	0.77	3910	3.66	0.06	4.9	3.1	310
Q924916		0.48	0.18	0.08	<0.1	0.006	0.02	0.6	1.1	13.20	212	0.14	0.01	0.2	2.3	180
Q924917		2.46	15.50	0.14	0.5	0.071	1.97	17.5	24.9	0.80	1420	1.82	0.81	7.2	3.1	460
Q924918		3.15	15.10	0.13	0.4	0.059	1.59	20.3	19.9	1.01	1500	1.40	1.76	7.5	3.4	510
Q924919		8.90	13.50	0.10	0.9	1.510	2.64	14.7	15.0	0.66	2270	17.05	0.06	4.6	13.8	460
Q924920		2.59	15.60	0.13	0.5	0.058	1.57	14.4	16.3	0.84	931	1.41	1.55	7.4	3.4	550
Q924921		2.64	15.50	0.13	0.4	0.053	1.76	20.4	59.6	0.90	1410	0.70	0.47	7.1	3.4	510
Q924922		1.53	13.10	0.15	0.8	0.157	2.51	18.4	65.4	0.59	931	0.59	0.52	5.0	2.2	280
Q924923		1.68	14.10	0.19	0.8	0.060	2.05	12.9	20.1	0.59	776	0.67	1.36	6.5	2.0	320
Q924924		2.58	15.65	0.18	0.6	0.088	2.19	14.4	133.0	0.85	1260	1.03	0.85	7.4	3.6	520
Q924925		2.54	15.55	0.21	0.5	0.086	2.17	15.5	132.5	0.85	1220	0.97	0.84	7.1	3.6	510
Q924926		2.78	16.70	0.20	2.3	0.150	2.59	27.5	108.0	0.94	1310	2.30	0.07	8.7	6.9	870
Q924927		5.62	18.75	0.25	6.0	0.073	0.09	61.0	79.1	1.95	1300	2.05	0.02	25.9	51.1	2900
Q924928		3.75	16.65	0.19	3.4	0.165	2.33	35.7	57.9	0.91	1260	6.03	0.04	10.5	18.5	1180
Q924929		0.50	0.38	0.22	<0.1	0.006	0.02	1.0	2.0	13.00	217	0.20	<0.01	0.3	1.7	190
Q924930		2.87	17.00	0.29	1.0	0.045	2.88	24.6	22.2	0.58	640	0.73	1.42	8.4	2.8	660
Q924931		2.79	16.15	0.24	1.0	0.044	2.64	22.3	15.4	0.78	600	0.64	2.24	8.0	3.3	640
Q924932		2.79	16.70	0.28	1.0	0.041	2.73	22.7	95.2	0.58	687	1.83	1.24	8.1	2.7	640
Q924933		3.09	16.10	0.24	1.0	0.067	3.05	19.1	66.3	0.47	926	0.86	0.76	7.9	3.0	610
Q924934		3.77	11.90	0.18	0.8	0.160	2.13	23.8	53.9	1.75	4980	0.90	0.03	5.9	2.1	470
Q924935		9.30	14.00	0.15	0.9	1.500	2.68	19.8	16.3	0.72	2460	17.10	0.06	4.8	14.6	470
Q924936		2.95	16.25	0.21	1.2	0.042	2.76	21.7	46.7	0.45	814	4.57	0.68	8.3	2.7	600
Q924937		2.91	16.50	0.23	1.2	0.042	2.64	20.1	13.3	0.70	687	0.76	1.92	8.4	2.9	590
Q924938		3.26	15.20	0.19	1.1	0.101	2.83	23.1	51.7	1.00	4640	0.75	0.12	7.4	2.7	580
Q924939		3.47	13.70	0.18	0.9	0.232	2.22	26.1	54.6	1.23	3590	2.36	0.03	6.9	2.7	530
Q924940		4.68	14.75	0.16	0.9	0.241	2.97	24.7	24.0	0.88	3240	3.14	0.60	7.3	2.9	580
Q924941		3.18	16.00	0.21	1.0	0.044	2.68	29.0	17.0	0.82	784	1.15	1.16	8.0	2.7	650
Q924942		2.83	16.10	0.19	1.1	0.050	2.87	20.3	27.5	0.63	888	0.80	1.68	7.7	2.6	580
Q924943		2.77	15.80	0.21	1.1	0.043	2.78	19.8	31.8	0.62	811	0.61	1.73	7.6	2.9	570
Q924944		3.02	16.15	0.24	1.1	0.042	2.78	21.9	11.9	0.82	814	0.69	2.23	8.3	2.8	630
Q924945		2.96	16.35	0.23	1.2	0.051	2.92	23.6	13.1	0.78	781	0.65	2.18	8.1	2.8	600
Q924946		2.89	16.40	0.25	1.2	0.040	2.78	23.8	13.4	0.77	645	0.71	2.19	8.2	3.1	610
Q924947		3.37	14.20	0.18	1.0	0.180	2.45	32.9	52.0	1.43	2320	0.53	0.08	6.8	2.2	550
Q924948		2.70	15.20	0.21	1.2	0.045	2.88	20.7	30.2	0.90	1350	0.85	0.84	7.4	2.8	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105960

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924913		152.5	94.6	<0.002	0.47	7.59	10.1	1	2.5	226	0.62	0.05	11.0	0.263	1.64	3.0
Q924914		72.2	88.3	<0.002	0.60	12.80	8.4	1	3.4	185.5	0.54	0.30	8.0	0.252	1.90	2.9
Q924915		759	144.0	<0.002	4.07	38.8	7.3	<1	11.8	112.0	0.38	1.53	6.4	0.181	2.22	2.5
Q924916		2.7	1.2	<0.002	<0.01	0.05	0.2	1	<0.2	50.6	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q924917		82.7	84.3	<0.002	0.64	7.26	9.9	2	2.9	213	0.59	0.41	9.4	0.272	1.69	4.3
Q924918		46.9	66.2	<0.002	0.18	4.08	10.7	1	1.6	387	0.59	<0.05	8.6	0.282	1.11	2.6
Q924919		1660	135.0	0.003	7.70	112.5	7.7	1	10.5	65.0	0.39	0.74	7.5	0.167	2.23	5.0
Q924920		29.6	59.1	<0.002	0.26	3.76	10.7	1	2.0	354	0.57	0.06	7.9	0.291	1.11	2.2
Q924921		83.9	67.9	<0.002	0.39	8.07	10.2	2	2.9	246	0.57	0.17	9.8	0.267	1.51	4.2
Q924922		84.3	98.0	<0.002	0.38	6.47	4.7	1	2.3	143.5	0.46	0.07	17.8	0.115	1.77	3.1
Q924923		93.2	70.7	<0.002	0.34	5.12	6.1	1	2.0	219	0.68	0.14	13.7	0.148	1.22	3.6
Q924924		58.7	75.4	<0.002	0.45	7.36	10.4	1	3.9	258	0.59	0.12	8.4	0.273	1.98	3.3
Q924925		56.0	81.8	<0.002	0.44	7.26	10.5	1	4.0	252	0.56	0.10	8.8	0.252	1.96	3.4
Q924926		63.7	93.9	<0.002	0.77	14.35	7.3	<1	4.6	283	0.64	<0.05	9.5	0.261	2.32	3.8
Q924927		16.6	5.8	<0.002	0.15	32.1	16.1	2	2.1	236	1.26	<0.05	6.6	0.884	0.22	5.1
Q924928		118.0	112.0	<0.002	1.48	82.1	9.6	2	3.5	311	0.67	<0.05	10.0	0.361	2.31	5.8
Q924929		1.7	1.2	<0.002	0.01	0.34	0.2	<1	<0.2	49.2	<0.05	<0.05	<0.2	0.008	<0.02	0.7
Q924930		17.8	112.0	<0.002	0.02	12.15	10.7	1	2.2	273	0.67	<0.05	12.4	0.281	1.20	1.8
Q924931		18.4	104.5	<0.002	0.04	1.94	10.5	1	2.0	384	0.62	<0.05	11.5	0.260	1.13	2.3
Q924932		17.4	99.4	<0.002	0.04	8.94	10.3	1	2.2	295	0.63	<0.05	11.6	0.281	1.21	2.1
Q924933		24.8	116.0	<0.002	0.15	9.97	10.0	1	2.6	191.0	0.63	<0.05	10.5	0.264	1.97	3.0
Q924934		309	115.0	<0.002	0.38	21.1	8.3	1	2.5	113.5	0.48	<0.05	10.6	0.191	1.71	3.5
Q924935		1750	154.5	<0.002	7.93	106.5	8.6	2	10.8	63.5	0.41	0.72	9.8	0.168	2.23	5.6
Q924936		29.4	115.5	<0.002	0.09	14.85	10.4	1	2.4	171.0	0.69	<0.05	13.8	0.259	1.57	3.3
Q924937		29.4	108.5	<0.002	0.06	2.42	10.6	1	2.5	363	0.71	<0.05	11.9	0.257	1.37	2.2
Q924938		52.7	110.0	<0.002	0.20	9.69	9.8	1	3.3	160.5	0.62	<0.05	12.4	0.240	2.26	3.9
Q924939		92.8	115.0	<0.002	0.57	35.6	9.6	1	2.7	122.0	0.57	<0.05	13.4	0.222	1.87	4.5
Q924940		155.5	143.0	<0.002	0.94	18.75	10.3	1	3.0	176.0	0.59	0.08	11.9	0.240	2.19	5.7
Q924941		17.4	116.0	<0.002	0.03	5.22	11.0	1	2.2	286	0.66	<0.05	13.7	0.275	1.39	2.9
Q924942		23.5	114.5	<0.002	0.06	3.20	9.8	1	2.1	305	0.66	<0.05	11.8	0.250	1.55	3.8
Q924943		20.5	114.0	<0.002	0.06	2.95	9.5	1	2.7	318	0.64	<0.05	11.5	0.241	1.52	3.5
Q924944		43.8	110.0	<0.002	0.05	1.46	10.6	1	2.1	374	0.70	<0.05	12.4	0.268	1.34	3.1
Q924945		20.6	115.0	<0.002	0.08	1.67	10.4	1	2.2	363	0.69	<0.05	13.6	0.261	1.34	3.5
Q924946		19.1	115.0	<0.002	0.04	1.68	10.8	1	2.2	375	0.70	<0.05	13.3	0.258	1.27	2.8
Q924947		158.0	105.5	<0.002	0.19	11.10	9.6	1	2.1	161.0	0.57	<0.05	14.6	0.221	1.63	4.7
Q924948		101.0	118.5	<0.002	0.21	8.59	9.4	1	1.9	219	0.57	<0.05	11.7	0.243	2.07	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105960

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924913		79	4.1	12.4	209	10.1
Q924914		66	3.1	9.7	153	10.9
Q924915		54	4.6	8.2	1190	8.1
Q924916		2	0.1	0.8	16	<0.5
Q924917		75	2.5	13.3	222	11.0
Q924918		83	1.8	12.6	205	9.2
Q924919		55	7.3	7.7	3390	20.7
Q924920		87	1.8	11.9	85	10.0
Q924921		85	2.7	13.5	140	9.3
Q924922		30	1.4	7.8	372	20.6
Q924923		45	1.1	8.9	142	18.5
Q924924		80	2.4	12.1	158	13.3
Q924925		76	2.4	12.6	149	11.3
Q924926		65	2.9	11.8	222	89.7
Q924927		111	6.1	29.4	122	256
Q924928		79	5.1	14.0	217	139.0
Q924929		3	0.1	0.9	19	2.1
Q924930		75	3.4	15.9	62	24.8
Q924931		70	1.0	15.7	49	25.2
Q924932		74	3.3	14.6	60	24.4
Q924933		72	2.3	12.9	91	25.2
Q924934		56	3.0	15.4	379	19.1
Q924935		59	7.4	9.8	3530	23.3
Q924936		69	5.4	15.7	104	29.5
Q924937		69	1.2	15.4	66	29.7
Q924938		66	4.0	16.1	223	27.2
Q924939		62	4.3	15.2	400	23.3
Q924940		68	4.3	14.0	214	21.9
Q924941		79	2.7	21.2	65	23.4
Q924942		68	2.3	14.1	65	27.2
Q924943		67	2.2	13.4	62	26.8
Q924944		73	0.8	16.2	109	26.2
Q924945		70	1.6	16.1	72	29.8
Q924946		71	0.7	16.3	67	29.2
Q924947		62	2.1	16.2	321	25.1
Q924948		65	2.6	13.2	182	30.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105960

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

CERTIFICATE WH14105961

Project: KLAZA

P.O. No.: BATCH 50

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105961

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924958		8.98	<0.005	0.23	6.46	22.8	1480	1.99	0.19	3.42	1.50	64.2	6.8	16	17.20	13.4
Q924959		2.83	0.184	6.74	5.65	379	600	1.69	2.21	2.68	20.1	59.5	10.1	12	13.15	55.0
Q924960		5.23	<0.005	0.26	7.21	19.8	1230	1.49	0.19	2.98	0.42	71.8	5.1	13	8.07	5.7
Q924961		11.12	<0.005	0.95	6.99	20.6	1730	1.93	0.13	2.51	2.19	62.5	5.3	13	26.7	9.3
Q924962		0.92	<0.005	0.16	4.79	20.3	370	1.54	0.12	1.31	0.76	50.3	3.9	11	24.3	4.4
Q924963		12.28	<0.005	0.25	6.73	31.8	1210	1.84	0.14	1.97	0.53	62.4	5.4	13	24.6	7.7
Q924964		7.49	<0.005	0.52	6.50	22.1	960	1.49	0.18	2.42	1.03	70.0	4.5	12	9.66	9.6
Q924965		5.84	<0.005	0.64	5.74	56.3	1190	1.93	0.19	2.84	0.60	63.0	7.1	13	19.80	11.5
Q924966		0.78	0.227	8.33	5.42	626	410	1.82	1.59	1.85	24.7	55.2	8.8	11	27.3	52.0
Q924967		6.33	<0.005	0.42	6.72	47.1	3460	2.10	0.13	3.04	0.60	56.9	7.7	15	25.8	12.7
Q924968		3.98	<0.005	0.21	6.38	27.2	5440	1.74	0.12	3.37	0.31	53.2	6.8	14	19.80	11.0
Q924969		5.91	<0.005	0.19	7.43	12.9	2430	1.36	0.36	2.20	0.26	39.7	7.9	10	13.75	10.4
Q924970		5.57	<0.005	0.10	7.33	9.7	2230	1.42	0.33	2.78	0.12	43.8	11.9	10	13.85	5.1
Q924971		3.79	<0.005	0.09	7.19	13.0	2090	1.26	0.39	2.66	0.11	43.3	19.0	10	12.15	6.6
Q924972		5.41	<0.005	0.18	7.31	14.9	2270	1.33	0.67	2.42	0.11	40.2	13.6	9	10.60	4.8
Q924973		4.08	<0.005	0.17	7.46	11.3	2630	1.20	0.70	1.93	0.10	47.4	7.6	9	9.92	3.7
Q924974		2.14	<0.005	0.07	7.74	9.1	2130	1.02	0.39	1.50	0.08	48.2	5.0	9	11.00	3.8
Q924975		0.25	0.850	11.40	6.42	1565	120	1.23	10.80	1.84	31.5	41.8	17.1	19	13.70	286
Q924976		4.26	0.082	0.40	7.76	80.7	6060	2.05	4.66	1.97	0.57	52.0	14.6	8	17.80	3.5
Q924977		4.79	<0.005	0.18	7.90	13.0	1170	1.43	1.13	2.00	0.22	41.4	5.3	8	13.80	5.8
Q924978		2.30	<0.005	0.09	8.23	13.3	930	1.54	0.70	1.69	0.21	43.8	3.1	9	18.00	8.2
Q924979		<0.02	<0.005	0.11	8.44	13.2	810	1.52	0.72	1.69	0.22	46.8	3.1	9	18.40	19.5
Q924980		11.90	<0.005	0.10	7.65	11.6	1560	1.31	0.45	2.20	0.14	43.0	6.9	9	19.95	5.2
Q924981		6.54	<0.005	0.09	7.41	8.5	1550	1.53	0.48	2.59	0.14	39.0	7.1	10	11.75	3.5
Q924982		0.23	0.375	4.26	6.77	737	440	1.27	3.17	2.07	10.80	48.6	12.7	24	13.95	313
Q924983		2.85	<0.005	0.08	6.86	10.1	950	1.33	0.43	4.57	0.16	46.1	2.6	7	14.10	3.5
Q924984		2.07	<0.005	<0.01	0.12	<0.2	20	0.08	0.02	20.3	0.10	1.48	1.6	<1	0.33	2.2
Q924985		9.49	<0.005	0.09	7.59	11.0	1650	1.63	0.33	2.79	0.11	42.3	3.0	10	13.95	3.9
Q924986		4.16	0.015	0.12	7.58	8.7	1420	1.62	0.52	2.35	0.14	44.6	3.3	9	11.15	3.3
Q924987		3.52	<0.005	0.13	7.91	10.0	1610	1.41	0.49	1.34	0.16	51.3	6.7	10	10.75	4.5
Q924988		8.06	0.006	0.26	6.98	13.9	980	1.46	0.79	2.84	0.39	47.8	8.9	10	10.85	5.3
Q924989		9.16	<0.005	<0.01	0.08	<0.2	30	0.05	0.02	20.7	0.09	1.27	1.5	<1	0.17	1.8
Q924990		9.61	<0.005	0.18	7.44	10.5	1320	1.51	0.44	2.38	0.16	45.7	5.6	9	12.75	4.5
Q924991		2.22	<0.005	0.19	7.29	13.4	1190	1.23	0.31	3.48	0.47	55.1	8.9	8	13.15	5.2
Q924992		13.04	<0.005	0.11	6.97	7.8	780	1.52	0.57	2.69	0.16	42.4	2.8	9	9.38	3.4
Q924993		4.41	<0.005	0.18	7.51	6.8	1750	1.61	0.55	1.78	0.08	45.1	4.5	9	8.32	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105961

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924958		2.44	16.10	0.21	3.0	0.027	1.99	32.9	50.7	1.30	879	1.16	0.02	8.9	6.5	950
Q924959		3.28	14.45	0.17	2.3	0.152	1.23	30.6	65.8	0.98	1600	12.65	0.02	8.1	4.8	760
Q924960		2.49	17.35	0.21	2.5	0.029	0.98	35.0	116.0	1.04	697	1.68	0.02	11.4	3.2	900
Q924961		2.58	17.15	0.20	2.5	0.097	2.45	29.2	51.6	0.89	853	1.14	0.04	11.0	3.0	880
Q924962		1.66	11.65	0.16	1.6	0.022	1.66	26.1	68.4	0.47	680	1.39	0.04	7.1	2.5	550
Q924963		2.39	16.90	0.18	2.4	0.034	2.33	29.4	71.6	0.72	927	1.03	0.05	10.6	3.3	850
Q924964		2.45	15.50	0.20	2.3	0.041	1.04	34.9	119.0	0.83	1030	1.52	0.02	10.2	2.9	780
Q924965		2.31	14.70	0.18	2.8	0.024	1.65	31.7	68.6	0.78	986	2.74	0.02	8.5	5.7	800
Q924966		2.78	13.65	0.17	2.1	0.165	1.82	28.1	59.8	0.71	795	15.20	0.03	7.3	4.9	680
Q924967		2.75	18.80	0.12	3.3	0.028	2.42	30.9	59.2	1.17	1030	1.22	0.04	10.1	6.4	1000
Q924968		2.55	17.25	0.12	3.0	0.025	2.05	28.7	79.8	1.21	991	0.88	0.03	9.0	5.8	910
Q924969		3.44	16.90	0.14	1.1	0.084	2.85	19.8	20.0	0.86	580	2.10	1.28	8.5	3.2	630
Q924970		3.31	17.95	0.14	1.1	0.064	2.61	21.6	14.3	0.82	725	2.55	1.96	8.8	3.3	650
Q924971		3.61	17.25	0.14	1.1	0.073	2.50	21.5	15.0	0.84	770	2.53	1.87	8.3	3.5	630
Q924972		3.41	16.95	0.14	1.1	0.102	2.67	19.8	16.8	0.81	785	1.50	1.54	8.3	3.1	620
Q924973		3.66	17.75	0.16	1.1	0.110	2.81	24.2	28.4	0.85	964	0.93	0.67	9.1	3.0	670
Q924974		3.39	18.05	0.16	1.1	0.068	2.06	25.2	35.1	0.82	717	0.47	0.42	8.8	3.2	660
Q924975		6.44	15.50	0.21	1.1	0.759	2.83	21.3	18.5	0.75	1780	8.61	0.12	6.8	11.7	530
Q924976		4.25	22.0	0.16	0.9	0.338	1.67	28.1	75.0	0.81	1580	0.91	0.13	7.8	4.9	590
Q924977		3.12	19.05	0.12	1.1	0.111	1.54	20.9	37.8	0.78	1190	0.17	0.09	8.9	2.7	640
Q924978		3.07	20.7	0.14	1.2	0.103	1.43	21.4	43.6	0.59	894	0.39	1.12	9.5	2.6	700
Q924979		3.12	20.6	0.12	1.2	0.101	1.45	23.0	44.8	0.60	908	0.20	1.12	9.7	2.6	700
Q924980		3.22	18.45	0.14	1.3	0.063	2.27	21.0	23.4	0.87	729	0.27	1.54	9.1	3.3	660
Q924981		2.87	18.45	0.13	1.3	0.046	1.89	18.7	14.9	0.83	562	0.28	2.37	9.1	3.2	640
Q924982		5.05	16.65	0.19	1.2	0.304	2.96	27.3	25.6	0.77	1890	14.75	0.15	6.7	15.0	540
Q924983		3.32	17.20	0.15	1.1	0.109	1.51	23.8	38.9	0.80	1110	0.19	0.77	8.7	3.3	610
Q924984		0.51	0.44	<0.05	<0.1	0.005	0.03	0.7	1.2	12.55	212	<0.05	0.02	0.5	4.6	170
Q924985		2.74	18.50	0.11	1.0	0.070	2.39	20.5	20.5	0.68	725	0.12	2.20	8.7	2.9	640
Q924986		3.55	18.40	0.12	1.0	0.200	2.29	21.9	34.2	0.74	992	0.08	1.79	8.6	2.8	600
Q924987		3.29	18.45	0.13	1.3	0.105	2.91	26.9	34.1	0.74	742	0.19	0.40	9.8	3.1	660
Q924988		3.35	16.95	0.14	1.2	0.158	2.44	24.7	27.3	0.83	1360	0.23	0.81	9.0	3.0	580
Q924989		0.48	0.30	<0.05	<0.1	0.005	0.03	0.6	1.0	12.85	204	0.11	0.01	0.4	4.1	220
Q924990		3.49	17.95	0.12	1.2	0.144	2.39	23.3	43.3	0.79	1100	0.21	1.02	8.8	2.8	590
Q924991		4.17	16.15	0.16	1.4	0.158	2.81	29.1	35.6	0.97	3250	0.22	0.42	9.9	2.9	750
Q924992		3.19	16.90	0.11	1.2	0.114	1.52	20.8	22.3	0.80	887	0.12	1.77	9.0	2.9	600
Q924993		4.05	17.75	0.14	1.1	0.162	2.82	22.6	29.8	0.80	856	0.20	0.30	9.1	3.0	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105961

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924958		20.4	92.8	<0.002	0.14	17.05	6.7	1	1.9	482	0.62	<0.05	9.3	0.255	1.70	8.1
Q924959		848	71.7	<0.002	1.03	32.6	6.0	1	2.4	425	0.55	0.09	9.0	0.215	1.32	10.6
Q924960		45.3	27.2	<0.002	0.09	4.11	6.0	1	1.5	503	0.77	<0.05	10.3	0.256	0.80	4.9
Q924961		434	78.9	<0.002	0.06	8.95	5.7	1	1.7	218	0.75	<0.05	9.1	0.253	1.93	4.8
Q924962		40.0	80.8	<0.002	0.04	54.8	4.0	<1	1.2	105.0	0.48	<0.05	7.5	0.159	1.35	11.3
Q924963		36.4	76.2	<0.002	0.11	14.25	5.7	<1	1.3	174.5	0.72	<0.05	9.2	0.253	2.10	6.2
Q924964		111.5	36.8	<0.002	0.07	12.55	5.5	1	1.5	241	0.69	<0.05	10.0	0.229	0.92	8.4
Q924965		42.2	93.3	<0.002	0.19	33.9	6.2	1	1.4	526	0.58	<0.05	8.8	0.228	1.67	13.0
Q924966		1240	99.0	<0.002	1.07	49.2	5.5	<1	3.5	256	0.49	<0.05	7.9	0.211	1.73	7.5
Q924967		43.1	127.5	<0.002	0.21	19.00	6.6	1	1.4	383	0.64	<0.05	8.3	0.287	2.42	9.5
Q924968		25.6	110.0	<0.002	0.35	19.25	6.1	2	1.3	423	0.60	<0.05	7.2	0.262	3.32	9.8
Q924969		16.3	102.0	<0.002	0.20	4.16	10.2	2	2.2	263	0.66	<0.05	10.4	0.275	1.23	3.0
Q924970		14.0	94.6	<0.002	0.24	3.73	10.5	2	1.9	353	0.66	0.07	10.4	0.285	1.10	3.2
Q924971		12.5	94.4	<0.002	0.53	3.65	10.5	2	2.2	333	0.65	0.13	10.1	0.276	1.04	2.8
Q924972		13.4	98.9	<0.002	0.38	4.32	10.3	1	2.2	281	0.65	0.12	10.3	0.280	1.23	3.4
Q924973		11.9	108.0	<0.002	0.20	7.22	11.1	2	3.0	151.5	0.68	0.05	11.7	0.297	1.47	3.5
Q924974		12.6	78.1	<0.002	0.06	11.35	11.8	1	2.5	114.5	0.68	<0.05	11.7	0.288	1.08	2.8
Q924975		1295	150.0	<0.002	4.79	62.5	8.4	2	7.8	96.4	0.53	1.44	10.0	0.220	2.39	4.6
Q924976		49.3	70.1	<0.002	0.71	25.9	10.4	1	3.1	304	0.61	0.08	10.2	0.256	3.63	10.4
Q924977		11.5	60.5	<0.002	0.17	19.50	11.6	2	1.8	74.5	0.70	0.07	12.5	0.292	1.24	3.6
Q924978		14.7	64.6	<0.002	0.03	38.7	12.8	2	2.1	126.0	0.71	<0.05	12.0	0.307	1.00	2.8
Q924979		15.2	68.8	<0.002	0.03	39.3	12.4	1	2.0	126.0	0.73	<0.05	12.2	0.311	1.00	2.9
Q924980		21.9	86.8	<0.002	0.08	9.42	11.7	2	2.1	217	0.71	<0.05	11.5	0.295	1.25	3.6
Q924981		22.5	64.4	<0.002	0.03	5.50	10.8	2	1.8	402	0.72	<0.05	11.2	0.285	0.84	3.6
Q924982		496	163.5	0.003	2.86	28.1	9.2	2	5.7	113.5	0.53	0.33	10.6	0.219	2.37	4.6
Q924983		14.6	66.9	<0.002	0.05	17.60	10.0	2	1.9	224	0.70	<0.05	10.9	0.272	1.00	2.3
Q924984		1.5	1.7	<0.002	<0.01	0.10	0.4	1	<0.2	55.6	<0.05	<0.05	0.2	0.008	<0.02	0.7
Q924985		16.0	93.0	<0.002	0.02	7.46	10.9	1	1.6	352	0.67	<0.05	10.5	0.301	1.26	3.1
Q924986		9.1	103.5	<0.002	0.15	6.56	11.0	2	2.5	205	0.74	<0.05	10.1	0.280	1.43	3.9
Q924987		17.5	129.5	<0.002	0.09	6.51	11.8	2	2.3	115.5	0.89	<0.05	12.9	0.295	1.59	3.7
Q924988		49.0	121.5	<0.002	0.26	6.90	11.0	2	2.4	144.5	0.79	0.06	11.4	0.252	1.63	5.2
Q924989		1.4	1.3	<0.002	0.01	0.05	0.2	1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q924990		13.7	117.5	<0.002	0.28	6.95	11.0	1	2.2	152.0	0.74	0.06	11.9	0.269	1.52	4.2
Q924991		19.8	150.0	<0.002	0.78	6.01	10.2	2	2.6	183.5	0.89	0.09	12.4	0.289	2.08	4.9
Q924992		14.3	74.2	<0.002	0.06	7.82	10.7	1	1.8	254	0.74	<0.05	11.6	0.274	1.06	2.7
Q924993		10.7	127.0	<0.002	0.06	4.95	11.3	1	2.2	109.0	0.73	<0.05	11.5	0.294	1.71	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105961

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924958		58	2.8	13.8	229	115.5
Q924959		50	3.7	13.4	1700	87.1
Q924960		50	1.7	12.6	95	86.5
Q924961		50	2.1	12.1	210	84.2
Q924962		37	1.5	9.2	181	54.4
Q924963		49	2.3	12.4	122	81.8
Q924964		47	3.2	13.5	116	77.7
Q924965		53	2.4	13.9	133	106.5
Q924966		51	2.8	11.3	1860	80.4
Q924967		61	2.2	15.3	118	133.5
Q924968		56	1.8	14.2	79	116.5
Q924969		74	2.1	14.6	63	26.4
Q924970		76	1.8	16.3	52	28.5
Q924971		73	1.7	15.9	52	26.9
Q924972		72	3.0	13.9	52	26.8
Q924973		76	4.4	14.7	64	26.2
Q924974		78	5.4	14.9	54	26.8
Q924975		63	6.1	11.3	2440	29.7
Q924976		98	5.6	17.1	232	24.2
Q924977		71	4.1	16.6	74	28.6
Q924978		80	6.7	16.4	72	30.4
Q924979		80	6.8	17.4	78	30.7
Q924980		76	4.0	15.5	63	31.4
Q924981		74	2.0	14.7	57	31.7
Q924982		68	5.8	12.7	910	32.8
Q924983		66	6.0	17.4	66	26.6
Q924984		3	0.1	1.0	20	0.9
Q924985		74	2.5	15.8	61	26.3
Q924986		83	3.0	15.1	71	24.6
Q924987		78	3.3	15.2	67	30.9
Q924988		66	2.6	16.1	80	28.9
Q924989		2	0.1	0.9	15	<0.5
Q924990		71	3.3	15.5	66	30.4
Q924991		74	2.8	17.7	98	31.1
Q924992		65	3.7	14.6	67	28.3
Q924993		70	3.3	14.3	97	27.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105961

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

CERTIFICATE WH14105962

Project: KLAZA

P.O. No.: BATCH 51

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

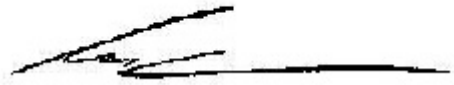
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105962

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924949		9.34	0.040	0.81	7.13	190.5	1960	1.52	0.28	2.53	1.32	42.7	9.3	14	15.55	28.0
Q924950		11.18	0.033	1.68	7.63	242	1260	1.34	1.20	0.98	33.9	55.4	8.8	13	11.65	240
Q925351		10.17	<0.005	0.17	7.59	22.0	2100	1.39	0.45	2.08	19.70	43.6	9.4	13	16.80	89.1
Q925352		3.96	<0.005	0.21	7.75	34.4	2080	1.50	0.46	1.94	31.0	44.5	10.4	12	18.25	151.0
Q925353		11.32	0.086	5.25	7.15	56.4	1490	1.41	1.66	1.03	42.6	42.2	13.8	11	10.65	331
Q925354		6.51	<0.005	0.07	7.35	9.3	2160	1.43	0.17	1.99	7.66	47.6	9.1	11	14.90	40.2
Q925355		5.80	<0.005	0.35	6.62	48.1	1840	1.34	0.91	1.74	0.36	29.5	6.9	9	19.65	14.6
Q925356		0.22	1.815	33.8	5.19	2270	60	1.07	31.0	1.52	41.2	34.1	15.0	21	9.84	1070
Q925357		9.96	0.013	0.33	6.66	49.7	2290	1.40	0.77	2.01	0.36	36.1	6.8	9	22.0	17.8
Q925358		8.85	0.010	0.67	5.58	23.6	2250	1.49	0.68	3.58	0.50	28.6	7.7	7	20.1	14.2
Q925359		7.81	<0.005	0.11	7.79	15.7	2150	1.32	1.27	1.01	0.18	48.2	6.8	9	18.60	9.3
Q925360		5.94	0.020	2.41	7.00	228	640	1.75	1.51	2.66	5.63	51.2	6.3	6	31.7	46.2
Q925361		5.73	<0.005	0.01	0.10	<0.2	30	0.07	0.03	21.0	0.09	1.21	0.8	<1	0.29	2.6
Q925362		7.83	0.129	5.51	6.65	333	1550	1.77	0.87	1.98	2.31	45.6	7.1	6	31.3	56.6
Q925363		<0.02	0.120	4.91	7.39	352	1680	1.87	0.91	2.12	2.00	57.0	7.7	7	33.4	52.9
Q925364		3.85	0.041	1.48	7.14	40.4	5130	1.45	0.23	1.68	0.78	70.2	5.5	22	16.20	13.9
Q925365		8.38	0.020	0.88	7.25	79.3	2570	1.53	0.62	1.79	3.47	48.3	4.8	9	21.1	18.2
Q925366		12.03	0.015	0.53	7.17	60.5	1940	1.51	0.54	2.13	2.79	49.0	4.6	13	16.95	7.6
Q925367		2.75	3.09	>100	6.43	>10000	570	1.36	0.53	1.10	333	52.9	3.9	5	15.85	126.0
Q925368		10.42	1.320	44.9	6.87	5100	550	1.41	1.20	1.28	66.7	53.4	5.6	8	16.70	39.9
Q925369		0.25	0.363	4.54	6.66	704	700	1.38	3.29	2.03	10.90	53.3	12.2	24	13.40	308
Q925370		9.21	<0.005	0.23	7.49	26.5	2390	1.62	0.60	2.29	0.47	58.2	8.0	13	14.85	7.1
Q925371		11.05	<0.005	0.15	7.23	14.8	2090	1.68	0.92	2.34	0.20	54.4	6.0	9	14.30	4.7
Q925372		10.23	<0.005	0.09	7.16	10.4	2460	1.45	0.50	2.05	0.09	48.0	6.3	10	11.00	9.4
Q925373		10.79	<0.005	0.31	7.08	15.8	2500	1.58	0.36	2.74	0.97	45.4	7.1	13	18.15	8.1
Q925374		6.20	<0.005	0.30	7.22	9.2	2300	1.60	0.24	2.39	2.45	48.6	6.6	9	24.4	8.8
Q925375		3.01	<0.005	0.29	7.23	11.9	2260	1.61	0.21	2.41	1.48	45.4	6.5	10	22.7	13.6
Q925376		3.57	1.640	>100	6.91	5280	720	1.30	1.08	1.68	56.8	48.7	6.1	8	19.70	199.5
Q925377		7.53	0.012	0.66	7.44	21.1	2140	1.70	0.68	2.33	0.45	46.9	6.8	11	28.1	8.9
Q925378		7.39	0.009	0.25	6.72	33.6	650	1.92	0.17	3.25	0.48	51.8	5.5	26	42.4	5.7
Q925379		11.98	<0.005	0.05	6.86	19.4	1500	2.05	0.11	3.34	0.07	52.6	5.5	23	44.5	5.8
Q925380		5.96	0.005	0.20	6.91	22.5	2280	1.80	0.13	3.40	0.08	57.1	6.2	28	38.7	17.4
Q925381		10.40	0.006	0.20	6.88	11.1	2660	1.43	0.74	2.26	0.15	39.3	5.7	7	32.9	15.1
Q925382		8.11	0.339	4.79	6.97	393	2970	1.54	0.44	2.80	8.50	47.9	7.4	12	21.8	26.4
Q925383		8.33	<0.005	0.23	7.25	10.9	2150	1.70	0.30	2.36	0.16	48.5	6.3	8	27.2	6.0
Q925384		5.54	0.135	1.38	7.11	277	1530	1.59	0.77	2.98	6.00	48.8	5.3	7	26.8	10.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105962

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924949		3.20	17.10	0.10	1.3	0.110	3.02	20.5	14.2	0.74	1770	5.67	1.56	8.5	3.8	590
Q924950		3.72	18.15	0.14	1.2	0.203	3.60	31.0	23.1	0.58	1520	1.43	0.38	8.8	2.3	580
Q925351		3.25	17.55	0.11	1.1	0.059	2.95	22.1	16.8	0.74	1120	0.89	1.76	9.1	3.1	620
Q925352		3.61	18.30	0.14	1.2	0.075	3.24	21.7	18.9	0.74	1500	0.79	1.47	9.1	3.5	610
Q925353		4.07	16.80	0.15	1.0	0.476	3.37	21.9	22.5	0.62	2020	1.99	0.30	7.9	2.8	620
Q925354		3.07	17.85	0.13	1.3	0.052	2.69	24.0	13.7	0.65	783	0.70	1.68	8.8	2.9	580
Q925355		2.67	17.85	0.10	1.3	0.066	3.04	13.8	27.0	0.23	986	0.79	0.36	8.4	2.7	560
Q925356		8.08	12.90	0.22	0.8	1.400	2.30	17.2	15.6	0.60	2090	16.50	0.05	4.9	12.9	410
Q925357		2.72	17.55	0.10	1.3	0.061	2.85	17.7	33.6	0.37	1020	2.05	0.32	8.3	3.2	560
Q925358		2.74	15.45	0.12	1.2	0.038	2.88	12.0	25.9	0.21	869	0.86	1.07	7.7	6.0	550
Q925359		2.82	16.30	0.15	1.3	0.048	3.17	24.3	32.9	0.38	689	0.65	0.25	8.0	2.7	620
Q925360		2.89	14.85	0.17	1.2	0.462	2.99	24.8	27.7	0.90	1960	3.07	0.05	7.0	2.7	540
Q925361		0.51	0.26	0.18	<0.1	0.006	0.03	0.6	0.9	12.80	215	0.21	0.01	0.1	1.9	170
Q925362		2.80	14.65	0.20	1.2	0.061	3.08	20.6	15.4	0.72	2720	2.40	0.03	6.9	2.9	560
Q925363		3.02	15.90	0.21	1.2	0.059	3.22	32.3	15.9	0.81	2860	2.54	0.03	7.5	3.1	590
Q925364		2.33	17.05	0.18	4.0	0.038	1.11	37.2	70.7	0.67	874	0.96	0.02	10.0	5.7	1190
Q925365		3.08	15.95	0.15	1.4	0.133	3.26	21.6	16.4	0.62	1400	0.51	0.99	8.1	2.7	600
Q925366		2.97	15.85	0.17	1.4	0.105	3.69	21.9	11.7	0.65	1510	0.65	1.09	7.8	2.8	580
Q925367		4.15	16.40	0.14	1.1	0.535	3.02	29.8	14.0	0.45	1580	0.65	0.02	6.2	2.2	460
Q925368		5.01	15.60	0.18	1.2	0.159	3.25	30.3	13.3	0.58	4040	0.82	0.03	6.7	2.4	470
Q925369		5.00	15.25	0.16	1.1	0.301	3.06	30.8	24.7	0.77	1840	13.50	0.15	6.0	14.4	530
Q925370		3.61	16.60	0.18	1.3	0.056	3.12	29.4	14.9	0.99	1060	0.76	2.08	9.2	3.1	780
Q925371		2.97	16.35	0.14	1.3	0.056	2.77	25.4	15.8	0.78	662	5.40	2.45	8.2	2.9	630
Q925372		2.76	15.35	0.16	1.1	0.048	3.02	24.3	14.2	0.78	548	11.90	2.45	7.4	2.5	550
Q925373		3.43	16.05	0.17	1.3	0.059	2.93	19.7	18.0	0.85	1160	2.11	2.00	8.2	3.2	670
Q925374		2.93	15.90	0.18	1.2	0.040	2.82	21.4	12.1	0.70	757	1.33	2.18	7.9	2.5	590
Q925375		2.96	16.00	0.16	1.2	0.036	2.92	20.8	11.8	0.69	758	1.36	2.20	7.9	2.6	600
Q925376		3.68	14.80	0.11	1.1	0.338	3.06	22.9	31.4	0.60	1980	6.82	0.28	6.8	2.8	550
Q925377		3.17	16.30	0.20	1.3	0.064	3.25	21.1	39.3	0.64	833	2.18	1.71	8.2	3.4	610
Q925378		2.29	17.60	0.15	3.5	0.027	3.07	26.0	68.5	1.01	632	0.95	0.09	8.2	16.1	660
Q925379		2.15	18.40	0.21	2.9	0.029	3.07	23.4	56.3	0.88	452	1.00	0.09	8.8	13.5	760
Q925380		2.04	17.95	0.16	3.8	0.026	2.92	30.3	70.2	0.93	542	0.64	0.09	8.3	19.8	640
Q925381		2.95	15.80	0.12	1.1	0.069	3.13	17.2	50.3	0.63	893	0.47	1.04	7.6	3.0	610
Q925382		2.82	16.05	0.13	1.8	0.078	2.41	22.2	78.2	0.95	1680	1.42	0.04	7.7	7.7	560
Q925383		2.88	16.10	0.15	1.2	0.051	2.93	22.2	28.5	0.65	712	0.59	1.50	7.9	2.7	590
Q925384		2.86	15.05	0.18	1.2	0.047	2.83	23.3	110.0	1.04	2060	0.78	0.26	7.5	2.5	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105962

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924949		116.5	129.5	<0.002	0.33	5.88	10.0	2	2.4	292	0.66	<0.05	11.0	0.268	1.55	3.4
Q924950		509	220	<0.002	1.16	6.84	11.0	2	11.2	82.2	0.69	<0.05	15.3	0.267	2.21	4.9
Q925351		28.3	134.0	<0.002	0.06	2.92	11.9	2	1.9	300	0.71	<0.05	11.9	0.276	1.46	4.3
Q925352		35.6	148.0	<0.002	0.07	3.48	12.4	2	2.4	259	0.70	<0.05	11.2	0.288	1.72	4.7
Q925353		361	192.0	<0.002	1.32	8.57	10.5	1	6.3	84.3	0.56	<0.05	10.2	0.259	2.05	7.1
Q925354		19.8	120.0	<0.002	0.04	3.27	11.0	2	1.7	305	0.73	<0.05	12.9	0.266	1.24	4.3
Q925355		34.6	130.5	<0.002	0.11	15.20	9.5	1	2.3	99.2	0.67	<0.05	8.2	0.258	2.08	2.6
Q925356		1510	138.5	0.003	7.42	95.6	7.3	2	9.8	59.8	0.37	0.80	8.2	0.163	1.91	4.5
Q925357		52.5	124.0	<0.002	0.30	15.95	9.8	1	3.1	120.5	0.68	<0.05	10.2	0.248	2.19	2.8
Q925358		31.4	100.5	<0.002	0.05	8.71	7.6	1	2.6	222	0.66	<0.05	8.3	0.254	1.50	2.8
Q925359		14.7	133.5	<0.002	0.06	14.75	10.3	1	2.2	89.5	0.69	<0.05	14.7	0.268	1.59	6.1
Q925360		420	142.5	<0.002	0.66	23.9	9.6	1	2.2	112.0	0.59	<0.05	14.0	0.235	2.49	6.2
Q925361		2.3	1.6	<0.002	0.02	0.17	0.2	1	<0.2	49.7	<0.05	<0.05	0.2	<0.005	<0.02	0.8
Q925362		408	134.0	<0.002	1.37	35.3	9.4	1	2.2	115.5	0.62	<0.05	11.7	0.226	2.53	5.2
Q925363		337	179.5	<0.002	1.42	33.5	10.5	<1	2.4	123.5	0.63	0.09	14.6	0.247	2.71	6.0
Q925364		123.0	47.6	<0.002	0.23	43.7	6.6	1	1.4	360	0.66	<0.05	9.1	0.343	0.72	4.3
Q925365		143.0	143.5	<0.002	0.47	13.25	10.1	<1	2.5	150.0	0.70	<0.05	12.9	0.258	2.19	4.8
Q925366		53.8	161.5	<0.002	0.27	8.09	10.3	<1	2.6	182.0	0.73	<0.05	14.0	0.256	2.33	5.4
Q925367		>10000	186.5	<0.002	4.66	175.0	9.0	1	19.1	52.5	0.58	<0.05	13.7	0.203	3.59	3.8
Q925368		6670	180.5	<0.002	3.35	76.7	9.2	1	7.7	66.4	0.58	0.12	13.7	0.210	3.14	4.3
Q925369		498	174.0	<0.002	2.66	26.7	9.6	1	5.3	111.5	0.48	0.22	12.0	0.206	2.39	5.5
Q925370		29.9	127.0	<0.002	0.07	4.60	14.7	1	2.3	352	0.67	0.05	12.6	0.337	1.46	4.1
Q925371		24.1	118.0	<0.002	0.03	3.04	11.3	1	2.1	362	0.67	<0.05	12.8	0.270	1.16	4.2
Q925372		15.4	116.5	<0.002	0.03	2.20	9.7	1	2.0	385	0.61	<0.05	12.7	0.236	1.27	4.2
Q925373		35.5	98.7	<0.002	0.14	5.83	11.2	1	2.1	326	0.64	<0.05	10.5	0.291	1.33	4.0
Q925374		70.1	110.5	<0.002	0.03	3.37	10.1	1	1.8	379	0.62	<0.05	12.5	0.258	1.28	3.7
Q925375		53.6	104.5	<0.002	0.06	3.27	9.8	<1	1.8	379	0.65	<0.05	11.8	0.259	1.39	3.9
Q925376		>10000	141.0	<0.002	2.06	261	9.3	1	3.5	151.5	0.58	0.08	11.9	0.228	2.62	5.5
Q925377		40.9	129.5	<0.002	0.08	7.03	10.5	<1	2.3	330	0.66	0.15	12.2	0.270	1.70	3.5
Q925378		33.7	105.0	<0.002	0.02	10.85	5.5	1	1.9	496	0.67	<0.05	9.7	0.261	1.82	4.5
Q925379		15.7	100.5	<0.002	0.04	8.37	5.8	<1	1.6	460	0.71	<0.05	9.2	0.274	1.68	4.4
Q925380		21.4	115.0	<0.002	0.06	14.95	6.0	<1	2.1	416	0.66	<0.05	10.7	0.256	1.92	4.9
Q925381		23.6	109.0	<0.002	0.04	10.35	9.6	1	2.5	292	0.60	<0.05	10.3	0.257	1.77	2.6
Q925382		340	88.0	<0.002	0.70	22.5	8.9	1	3.8	251	0.62	0.11	11.2	0.256	1.93	6.8
Q925383		17.8	120.5	<0.002	0.09	8.36	10.2	1	2.1	309	0.64	<0.05	12.7	0.259	1.81	3.9
Q925384		213	128.5	<0.002	0.30	16.30	10.1	<1	2.7	185.5	0.64	0.25	13.3	0.251	2.15	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105962

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001
Q924949		71	1.4	14.9	166	35.8				
Q924950		69	4.2	12.5	2980	31.3				
Q925351		76	1.5	17.4	1790	29.4				
Q925352		79	1.8	17.4	2580	29.0				
Q925353		70	3.4	11.5	3230	25.2				
Q925354		69	1.2	16.3	1330	32.5				
Q925355		68	2.5	12.1	69	35.1				
Q925356		51	6.9	8.8	3080	23.2				
Q925357		64	2.5	13.9	73	36.6				
Q925358		70	2.1	11.7	68	30.3				
Q925359		69	2.7	15.2	57	31.4				
Q925360		61	2.8	15.4	706	29.0				
Q925361		1	0.1	0.8	21	<0.5				
Q925362		61	3.4	14.1	289	30.4				
Q925363		65	3.6	14.9	261	30.9				
Q925364		56	4.2	13.4	121	166.0				
Q925365		68	2.3	14.3	420	34.9				
Q925366		68	1.4	14.8	370	30.9				
Q925367		54	4.5	10.0	>10000	26.8	118	1.470	2.03	1.030
Q925368		55	3.1	11.6	4980	29.6				
Q925369		64	5.4	12.0	912	27.7				
Q925370		91	1.8	20.6	91	32.0				
Q925371		71	1.1	17.9	62	30.1				
Q925372		61	0.8	15.4	45	26.9				
Q925373		77	1.3	16.5	109	27.5				
Q925374		65	1.1	15.6	196	27.8				
Q925375		67	1.0	15.1	136	27.8				
Q925376		57	3.7	13.7	4900	24.2	147	1.095		
Q925377		69	1.3	15.2	84	29.6				
Q925378		48	1.3	10.6	96	124.5				
Q925379		50	1.6	10.9	50	107.0				
Q925380		48	1.5	11.4	50	145.0				
Q925381		67	2.0	13.5	57	25.5				
Q925382		61	3.9	13.8	620	62.4				
Q925383		66	1.0	15.1	57	28.6				
Q925384		64	2.8	15.4	431	29.5				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105962

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	ME-MS61
ME-OG62	Pb-OG62	Zn-OG62	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

CERTIFICATE WH14105963

Project: KLAZA

P.O. No.: BATCH 56

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105963

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925066		9.46	<0.005	0.08	7.06	3.0	2170	1.56	0.11	2.69	0.10	46.6	8.2	12	6.86	7.5
Q925067		6.56	<0.005	0.06	6.78	3.4	2240	1.53	0.11	2.27	0.14	60.5	6.7	13	7.66	7.4
Q925068		4.82	<0.005	0.16	6.91	4.9	2470	1.35	0.17	2.49	0.72	40.9	7.8	9	10.15	8.1
Q925069		8.02	<0.005	0.90	6.71	22.9	1970	1.43	0.14	2.45	4.16	38.4	7.5	10	14.50	14.7
Q925070		3.74	<0.005	1.15	6.86	20.7	2040	1.45	0.12	2.47	6.13	40.5	7.7	10	14.50	15.6
Q925071		5.07	<0.005	0.06	6.94	2.8	2260	1.33	0.08	2.59	0.07	43.8	8.0	12	6.75	5.0
Q925072		6.81	<0.005	0.33	6.75	13.7	2070	1.46	0.11	2.52	1.85	39.8	10.0	12	9.02	7.4
Q925073		5.05	<0.005	0.07	7.02	3.9	2330	1.31	0.08	2.54	0.32	45.0	7.1	12	8.02	13.6
Q925074		10.65	<0.005	0.09	6.93	8.4	2020	1.49	0.19	2.44	0.25	50.7	7.2	12	8.51	7.8
Q925075		4.36	<0.005	0.41	7.04	29.7	1830	1.65	0.20	2.28	1.67	68.4	5.5	14	26.3	8.7
Q925076		6.70	<0.005	0.23	6.88	26.1	1720	1.71	0.12	2.28	0.92	63.8	5.1	13	35.0	4.2
Q925077		8.01	0.027	0.55	6.92	25.8	610	1.89	0.44	2.28	4.78	65.0	4.8	12	27.7	7.4
Q925078		9.65	<0.005	0.26	7.00	24.2	1690	1.24	0.23	2.19	0.81	39.3	10.0	11	13.85	24.3
Q925079		0.23	1.775	38.4	5.38	2470	70	1.10	35.3	1.63	44.9	34.1	17.3	22	9.32	1200
Q925080		3.94	0.243	7.15	6.18	339	380	1.22	7.32	1.74	3.59	42.5	79.6	9	8.23	26.6
Q925081		5.71	<0.005	0.11	7.22	4.5	2120	1.59	0.15	2.72	0.15	45.3	8.1	11	9.16	7.2
Q925082		9.10	0.007	0.18	6.81	9.1	1920	1.39	0.37	3.04	0.34	51.1	8.7	9	10.75	10.1
Q925083		1.92	0.420	8.46	6.23	978	210	1.23	6.10	1.73	23.5	45.9	138.0	7	12.95	147.0
Q925084		<0.02	0.451	8.99	6.29	1065	220	1.27	5.96	1.71	22.4	44.3	139.5	8	12.75	141.5
Q925085		6.03	0.025	0.29	6.91	19.2	2000	1.47	0.33	2.60	0.42	51.5	9.2	9	10.50	15.4
Q925086		8.87	<0.005	0.18	6.85	42.8	2080	1.56	0.21	2.60	0.43	46.9	7.9	11	8.86	10.9
Q925087		3.95	0.241	3.13	6.55	839	950	1.42	2.21	2.56	5.13	62.0	10.7	13	14.60	87.6
Q925088		4.92	<0.005	0.04	0.05	5.2	160	0.06	0.08	18.80	0.11	1.96	1.5	<1	0.33	2.9
Q925089		4.26	0.014	0.18	6.98	49.2	2030	1.75	0.25	2.35	0.55	128.0	8.7	11	9.44	13.4
Q925090		4.18	<0.005	0.24	6.32	23.7	2170	1.42	0.64	2.23	0.21	35.2	9.6	8	16.30	49.0
Q925091		3.27	0.005	2.56	7.22	40.3	2170	1.46	0.34	1.10	1.35	55.7	7.8	11	12.20	26.8
Q925092		8.79	0.008	0.18	6.65	14.0	1950	1.59	0.25	2.36	0.19	38.3	7.8	8	17.85	15.9
Q925093		5.18	<0.005	0.01	0.08	<0.2	30	0.09	0.04	19.50	0.06	1.83	1.6	<1	0.28	2.0
Q925094		7.66	0.229	2.77	7.00	13.5	1900	1.55	6.28	2.55	0.19	40.7	8.0	10	17.15	58.7
Q925095		5.33	<0.005	0.06	7.08	7.2	2100	1.52	0.16	2.67	0.13	41.3	7.6	9	12.75	11.4
Q925096		3.58	<0.005	0.06	7.64	7.9	2260	1.70	0.12	2.61	0.24	50.8	8.1	10	17.80	12.1
Q925097		6.12	<0.005	0.05	6.56	6.6	2050	1.45	0.09	2.82	0.11	36.9	7.4	8	25.0	12.9
Q925098		3.72	<0.005	0.05	6.77	12.3	1830	1.40	0.09	2.21	0.15	38.1	7.3	9	23.5	12.1
Q925099		0.23	0.346	4.70	6.80	694	350	1.46	3.10	2.05	11.55	56.9	12.6	26	14.85	320
Q925100		8.46	<0.005	0.08	6.74	12.6	1840	1.53	0.11	2.54	0.20	40.6	7.1	9	19.25	12.1
Q925101		7.67	<0.005	0.06	6.66	9.4	2010	1.23	0.10	2.27	0.18	40.5	6.9	8	16.65	8.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105963

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925066		3.10	16.40	0.22	1.4	0.039	2.56	19.9	14.4	0.90	810	1.49	2.20	7.8	2.9	600
Q925067		2.74	15.50	0.23	1.5	0.037	2.97	31.5	13.4	0.70	700	2.41	2.05	7.9	2.7	490
Q925068		2.96	16.00	0.22	1.0	0.048	2.80	17.4	14.3	0.73	1080	1.84	1.72	7.1	2.8	550
Q925069		3.16	16.10	0.17	0.8	0.132	3.05	15.7	16.9	0.69	1700	3.06	1.28	6.9	2.9	560
Q925070		2.92	16.65	0.20	0.9	0.056	3.01	16.8	17.9	0.67	1150	2.22	1.46	7.0	3.2	570
Q925071		2.93	16.25	0.17	0.9	0.035	2.70	18.8	13.6	0.76	700	4.13	2.10	7.3	3.1	580
Q925072		2.98	16.25	0.15	1.0	0.035	2.93	16.6	12.5	0.72	1260	1.96	1.80	7.2	3.1	540
Q925073		2.82	16.10	0.17	1.0	0.038	2.81	19.1	12.1	0.75	768	2.30	1.94	7.3	2.7	550
Q925074		2.87	16.05	0.19	1.2	0.040	2.80	22.3	13.0	0.70	828	2.13	1.81	7.5	2.9	540
Q925075		2.43	18.40	0.18	2.5	0.036	2.68	35.5	45.5	0.91	561	1.82	0.07	11.4	3.0	910
Q925076		2.33	18.10	0.19	2.5	0.029	2.71	31.9	25.7	0.86	646	1.56	0.07	11.0	3.0	890
Q925077		2.45	18.20	0.19	2.5	0.101	2.65	33.3	42.4	0.86	615	1.22	0.07	11.0	2.7	870
Q925078		3.45	16.70	0.15	1.4	0.057	2.91	15.8	36.6	0.85	1780	1.17	0.10	7.6	3.6	720
Q925079		8.81	14.20	0.12	0.8	1.505	2.57	14.6	15.6	0.65	2220	17.10	0.06	4.5	14.2	440
Q925080		5.98	14.70	0.12	1.1	0.171	2.95	20.1	14.5	0.72	2130	1.92	0.03	6.0	3.6	490
Q925081		2.98	17.25	0.15	1.4	0.035	2.68	19.1	11.6	0.82	752	0.94	2.18	7.8	2.7	590
Q925082		2.96	15.50	0.16	1.4	0.045	2.66	22.8	19.8	0.76	985	0.80	1.33	7.5	2.5	560
Q925083		5.77	15.40	0.13	1.3	0.564	3.02	21.1	19.4	0.66	2020	0.97	0.16	6.6	3.7	480
Q925084		5.83	15.15	0.09	1.1	0.575	3.02	20.6	18.7	0.67	2120	1.07	0.16	6.3	3.5	490
Q925085		3.21	16.10	0.11	1.4	0.054	2.98	22.0	12.1	0.78	1060	1.05	1.50	7.6	2.5	570
Q925086		3.03	16.40	0.13	1.3	0.053	2.76	19.7	11.4	0.82	861	0.84	1.89	7.5	2.6	590
Q925087		4.42	15.75	0.11	1.3	0.280	2.89	36.9	17.8	1.05	3510	1.03	0.04	7.3	2.7	520
Q925088		0.46	0.41	<0.05	<0.1	<0.005	0.02	1.1	1.1	11.80	203	0.10	<0.01	0.4	<0.2	160
Q925089		2.98	18.20	0.17	1.5	0.071	2.89	74.2	11.6	0.78	1130	0.77	1.96	8.6	2.1	530
Q925090		2.92	17.40	0.11	1.6	0.045	2.66	17.3	19.0	0.41	671	1.22	0.94	8.7	2.9	580
Q925091		2.98	16.70	0.13	1.5	0.062	2.90	28.6	18.3	0.43	1180	1.84	1.41	8.4	4.8	590
Q925092		3.00	16.75	0.10	1.5	0.052	2.65	19.0	18.2	0.36	848	1.71	1.04	8.6	2.5	560
Q925093		0.46	0.40	<0.05	<0.1	0.024	0.03	0.9	1.1	12.30	204	0.33	0.01	0.4	<0.2	180
Q925094		3.05	17.60	0.12	1.4	0.081	2.68	21.0	29.1	0.46	751	1.56	1.58	8.6	2.6	590
Q925095		2.92	16.60	0.11	1.4	0.036	2.54	21.0	13.7	0.77	621	1.08	2.19	8.5	2.5	590
Q925096		3.07	17.35	0.12	1.5	0.043	2.70	26.6	16.7	0.60	1010	2.13	2.19	8.8	2.8	610
Q925097		2.81	15.45	0.11	1.5	0.035	2.47	18.2	19.1	0.41	625	1.44	1.40	8.3	2.4	580
Q925098		2.81	17.10	0.08	1.7	0.039	2.57	18.5	29.8	0.24	657	1.63	0.70	9.1	2.4	590
Q925099		5.01	15.80	0.17	1.2	0.331	2.96	33.2	26.1	0.78	1900	15.45	0.15	7.0	16.0	530
Q925100		2.62	16.25	0.11	1.6	0.039	2.52	19.9	25.0	0.41	634	1.10	1.46	8.5	2.3	580
Q925101		2.60	15.25	0.10	1.5	0.036	2.48	20.9	39.1	0.50	777	0.90	0.35	8.2	2.2	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105963

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925066		16.0	103.5	<0.002	0.01	0.80	11.2	1	1.8	379	0.71	<0.05	13.6	0.275	0.92	5.0
Q925067		16.7	121.5	<0.002	0.02	0.96	9.4	<1	1.7	337	0.76	<0.05	18.0	0.241	1.02	5.3
Q925068		31.7	106.5	<0.002	0.08	2.05	9.5	1	2.5	343	0.48	<0.05	9.7	0.254	1.20	3.3
Q925069		242	112.0	<0.002	0.17	4.86	9.9	1	2.0	272	0.42	<0.05	9.7	0.245	1.63	3.3
Q925070		214	115.0	<0.002	0.14	3.88	10.2	1	2.2	300	0.43	<0.05	10.8	0.248	1.61	4.3
Q925071		15.9	93.3	<0.002	0.02	0.77	10.2	1	1.6	384	0.46	<0.05	11.8	0.260	0.87	3.2
Q925072		143.5	106.0	<0.002	0.12	1.93	9.4	1	1.9	328	0.51	<0.05	11.1	0.249	1.22	3.7
Q925073		22.8	110.0	<0.002	0.04	1.43	9.9	1	1.6	354	0.51	<0.05	12.3	0.247	1.07	3.5
Q925074		29.1	120.5	<0.002	0.09	2.39	9.7	1	1.9	328	0.62	<0.05	14.6	0.236	1.21	4.2
Q925075		32.2	98.1	<0.002	0.10	7.83	6.3	1	1.9	267	0.80	<0.05	10.3	0.270	1.85	5.2
Q925076		23.9	101.5	<0.002	0.10	7.78	6.0	1	1.4	256	0.76	<0.05	9.9	0.265	2.16	4.4
Q925077		65.4	103.0	<0.002	0.06	7.18	6.0	<1	2.0	251	0.74	0.05	10.1	0.255	1.83	5.2
Q925078		46.3	103.0	<0.002	0.14	7.78	13.1	1	3.6	147.0	0.62	<0.05	10.2	0.313	1.59	3.0
Q925079		1635	151.5	0.002	7.78	113.5	8.4	2	10.8	66.0	0.39	0.67	8.7	0.171	2.13	5.3
Q925080		190.5	193.5	<0.002	4.01	7.40	9.6	2	7.2	64.7	0.52	2.89	12.3	0.225	2.26	4.5
Q925081		21.2	110.5	<0.002	0.02	1.59	11.2	1	1.6	389	0.69	<0.05	12.8	0.260	1.11	4.7
Q925082		32.7	115.0	<0.002	0.15	2.19	10.6	1	2.0	314	0.65	0.05	13.8	0.259	1.22	4.9
Q925083		1190	177.0	<0.002	4.07	13.30	9.7	1	8.2	103.0	0.59	1.90	13.0	0.218	2.32	5.3
Q925084		1155	180.0	<0.002	4.15	13.65	9.4	1	7.9	97.5	0.56	2.16	12.4	0.217	2.20	4.9
Q925085		42.0	134.5	<0.002	0.26	2.45	11.6	1	2.4	302	0.70	<0.05	13.5	0.269	1.44	5.5
Q925086		37.8	116.5	<0.002	0.09	1.77	11.2	<1	1.9	346	0.62	<0.05	12.6	0.263	1.18	4.5
Q925087		510	173.0	<0.002	1.55	15.15	10.9	<1	6.1	130.0	0.62	0.11	15.1	0.220	2.28	5.1
Q925088		6.9	3.3	<0.002	0.03	0.24	0.4	<1	<0.2	43.6	<0.05	<0.05	0.3	<0.005	0.03	1.0
Q925089		46.6	121.5	<0.002	0.11	3.38	11.4	<1	2.2	321	0.82	<0.05	28.7	0.239	1.30	5.0
Q925090		19.5	94.8	<0.002	0.15	13.30	10.4	<1	1.8	152.0	0.77	<0.05	9.9	0.256	1.30	2.7
Q925091		66.0	138.5	<0.002	0.01	8.60	10.4	<1	1.8	227	0.73	<0.05	13.8	0.253	1.46	2.9
Q925092		19.5	103.0	<0.002	0.05	10.25	10.4	<1	2.5	179.0	0.75	<0.05	9.9	0.256	1.42	2.2
Q925093		1.4	1.8	<0.002	<0.01	0.12	0.4	<1	<0.2	47.9	<0.05	<0.05	0.2	<0.005	0.02	0.8
Q925094		31.9	102.0	<0.002	0.05	4.61	11.1	<1	2.1	267	0.73	<0.05	11.3	0.262	1.34	2.1
Q925095		18.4	91.1	<0.002	0.01	2.04	10.7	<1	2.2	368	0.70	<0.05	10.7	0.262	1.04	1.7
Q925096		23.4	105.0	<0.002	0.01	3.08	11.4	<1	2.3	371	0.74	<0.05	12.5	0.269	1.15	2.0
Q925097		17.6	84.7	<0.002	0.01	11.35	9.6	<1	2.4	251	0.76	<0.05	9.7	0.256	1.01	1.9
Q925098		19.7	91.1	<0.002	0.01	15.90	10.1	<1	2.3	161.5	0.81	<0.05	9.6	0.263	1.14	2.2
Q925099		506	163.0	0.004	2.65	32.5	10.0	1	6.5	113.0	0.57	0.33	12.0	0.205	2.46	5.1
Q925100		22.8	90.8	<0.002	0.02	8.64	10.1	<1	1.9	272	0.73	<0.05	10.0	0.258	1.16	2.4
Q925101		18.4	78.7	<0.002	0.04	13.35	9.9	<1	1.9	141.5	0.70	<0.05	10.2	0.251	1.25	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105963

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925066		78	1.6	16.1	54	32.8
Q925067		62	2.3	14.8	47	38.2
Q925068		64	2.3	12.4	93	22.9
Q925069		66	2.4	12.7	442	20.2
Q925070		67	2.3	13.1	633	21.1
Q925071		69	2.9	13.4	52	20.5
Q925072		66	1.6	12.8	229	22.0
Q925073		65	1.8	14.1	74	22.8
Q925074		63	2.5	14.1	78	24.3
Q925075		52	1.7	12.0	159	90.3
Q925076		50	2.0	11.3	102	86.9
Q925077		49	1.9	11.8	297	86.5
Q925078		93	4.3	13.4	127	32.7
Q925079		56	6.9	8.2	3340	20.3
Q925080		63	3.3	9.0	401	25.7
Q925081		73	2.1	15.6	63	32.7
Q925082		70	1.8	15.8	80	33.9
Q925083		61	4.0	11.6	2840	30.7
Q925084		61	3.9	11.5	2770	27.1
Q925085		75	1.5	15.5	103	32.1
Q925086		75	1.0	15.4	97	33.6
Q925087		64	6.4	13.8	524	35.4
Q925088		1	0.2	0.9	15	<0.5
Q925089		69	2.1	18.1	84	40.3
Q925090		70	2.1	14.3	66	39.7
Q925091		70	20.2	15.8	155	42.0
Q925092		72	3.3	14.3	60	38.0
Q925093		2	0.2	0.9	15	<0.5
Q925094		73	1.7	15.3	61	36.3
Q925095		72	1.1	14.9	58	35.8
Q925096		75	1.9	17.0	78	37.9
Q925097		72	1.7	13.9	57	35.6
Q925098		73	5.0	13.3	66	39.8
Q925099		66	5.9	12.7	891	34.8
Q925100		72	3.8	12.8	53	39.0
Q925101		69	7.8	14.3	56	38.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105963

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

CERTIFICATE WH14105964

Project: KLAZA

P.O. No.: BATCH 57

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

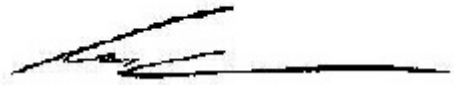
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105964

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q925421		4.79	<0.005	0.16	0.05	<0.2	20	0.06	0.02	20.4	0.10	1.51	1.5	<1	0.22	2.8
Q925422		6.59	0.022	0.30	7.20	42.7	1290	1.55	0.46	2.72	0.10	45.7	4.8	8	10.05	1.9
Q925423		10.88	0.010	0.14	7.60	27.8	1880	1.40	0.19	2.19	0.09	53.3	3.5	7	9.85	5.2
Q925424		10.19	0.022	1.07	7.11	85.5	1750	1.57	0.31	2.25	0.16	43.4	8.0	8	14.30	6.0
Q925425		<0.02	0.024	1.16	6.94	83.8	1930	1.59	0.42	2.22	0.17	41.7	8.3	8	15.15	7.1
Q925426		10.19	0.010	0.30	7.07	22.4	2130	1.68	0.32	2.28	0.15	49.2	5.5	8	12.75	5.8
Q925427		3.95	0.016	0.38	6.82	52.6	2080	1.54	0.32	2.51	0.07	43.8	6.4	8	11.40	3.6
Q925428		0.23	0.349	4.52	6.33	680	290	1.40	3.13	1.97	11.55	52.9	12.2	25	14.20	306
Q925429		8.34	0.079	1.03	7.32	345	2090	1.71	0.21	2.53	1.96	47.8	5.3	9	14.45	12.3
Q925430		8.32	0.012	0.32	7.71	37.8	2220	1.19	0.28	1.47	0.46	56.5	5.7	8	12.10	5.9
Q925431		6.26	<0.005	0.16	6.81	25.1	2300	1.61	0.31	2.87	0.15	51.5	6.8	9	16.20	9.3
Q925432		5.96	<0.005	0.08	7.20	11.2	2170	1.45	0.32	2.45	0.10	53.2	6.0	9	14.30	10.0
Q925433		5.76	0.014	0.54	6.87	49.1	2060	1.45	0.33	2.82	0.22	50.3	7.2	8	15.35	29.5
Q925434		8.33	0.008	0.37	6.97	28.6	1940	1.45	0.25	2.39	0.19	48.6	6.5	9	14.15	21.3
Q925435		4.20	0.005	0.27	7.00	23.2	1940	1.47	0.24	2.28	0.16	52.4	6.1	9	14.35	20.4
Q925436		8.68	<0.005	0.54	7.33	16.1	2220	1.67	0.25	2.51	0.23	52.8	7.0	10	14.90	13.6
Q925437		5.44	<0.005	0.28	7.08	15.0	2200	1.37	0.30	2.31	0.31	52.1	6.6	11	15.80	12.4
Q925438		11.30	0.031	2.03	6.95	175.5	1440	1.35	0.45	2.10	1.53	47.9	7.2	8	18.95	17.8
Q925439		7.89	0.021	0.70	6.77	96.9	2770	1.58	0.70	1.96	0.22	50.6	9.2	7	20.0	3.6
Q925440		0.23	1.685	39.1	5.62	2410	170	1.16	31.2	1.67	47.9	44.3	16.9	23	11.45	1160
Q925441		8.51	<0.005	0.09	6.48	40.8	4290	1.79	0.15	5.12	0.21	55.5	7.2	15	26.3	12.1
Q925442		6.95	<0.005	0.16	7.21	25.7	2450	1.72	0.34	3.00	0.12	45.3	5.0	7	28.2	6.3
Q925443		3.38	<0.005	0.10	7.66	19.1	1720	2.22	0.20	3.78	0.13	52.5	6.4	8	38.7	7.7
Q925444		5.96	<0.005	0.16	7.00	18.7	2680	1.41	0.32	2.54	0.13	40.8	4.9	7	17.25	5.2
Q925445		7.24	0.168	7.14	7.25	387	2230	1.56	0.90	2.73	7.68	44.3	5.7	8	20.8	95.2
Q925446		4.49	<0.005	<0.01	0.07	<0.2	10	0.09	0.02	20.4	0.07	1.31	1.5	<1	0.18	1.7
Q925447		5.91	0.535	7.97	7.34	454	1940	1.63	0.58	2.08	7.17	47.9	6.2	9	21.4	34.2
Q925448		6.63	0.016	0.47	7.06	72.7	1860	1.56	0.28	2.59	0.46	44.7	4.2	8	18.10	11.3
Q925449		6.85	0.007	0.28	7.38	14.1	2570	1.60	0.29	2.69	0.11	47.0	6.3	8	19.15	24.0
Q925450		3.06	<0.005	0.31	7.27	17.5	1480	1.78	0.26	2.45	0.08	44.2	5.7	6	27.6	18.7
Q925451		11.36	<0.005	0.15	7.37	13.3	2130	1.51	0.22	2.34	0.29	46.9	4.9	8	18.45	37.4
Q925452		4.71	0.207	1.45	7.18	638	1930	1.33	0.54	2.50	1.75	46.9	5.5	7	17.85	68.8
Q925453		6.72	<0.005	0.11	7.38	15.8	2400	1.61	0.21	2.65	0.13	47.9	6.1	9	23.4	18.3
Q925454		5.44	0.289	1.28	7.45	236	1300	2.47	0.44	2.42	1.80	51.7	10.1	10	32.5	19.5
Q925455		3.46	0.572	79.8	6.65	1025	500	1.44	17.15	2.94	14.35	47.9	3.8	6	20.6	272
Q925456		11.12	0.035	1.60	7.54	121.5	2330	1.62	0.22	1.86	7.54	45.1	4.6	7	19.45	8.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105964

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925421		0.46	0.33	<0.05	<0.1	<0.005	0.02	0.8	1.1	12.85	211	0.16	<0.01	0.4	<0.2	190
Q925422		3.39	17.25	0.13	1.3	0.120	2.05	23.5	17.7	0.56	860	1.08	1.43	9.2	2.3	600
Q925423		3.13	17.20	0.14	1.5	0.102	2.50	28.6	24.1	0.57	730	1.16	0.79	9.2	2.2	620
Q925424		3.15	17.35	0.12	1.5	0.135	2.79	22.1	31.0	0.57	1300	3.91	0.51	9.3	2.7	630
Q925425		3.15	17.10	0.13	1.5	0.131	2.76	21.2	27.9	0.56	1410	4.55	0.44	9.1	2.8	580
Q925426		2.77	15.95	0.12	1.5	0.092	2.69	25.3	13.0	0.58	720	3.83	1.74	8.9	2.5	580
Q925427		3.33	15.60	0.13	1.4	0.135	2.43	22.7	10.4	0.65	775	1.84	1.82	8.9	2.5	560
Q925428		4.78	15.05	0.17	1.2	0.327	2.85	29.4	24.9	0.72	1830	13.75	0.15	6.7	14.8	500
Q925429		3.09	16.60	0.13	1.5	0.104	3.25	23.2	11.4	0.66	1170	1.65	1.64	9.0	2.7	610
Q925430		2.72	16.30	0.12	1.4	0.081	3.26	29.9	25.0	0.69	721	1.58	0.35	9.0	2.4	630
Q925431		2.86	15.65	0.13	1.5	0.058	2.76	25.1	14.3	0.75	1200	3.23	1.70	9.4	2.5	630
Q925432		2.80	15.45	0.12	1.5	0.079	2.74	27.1	12.0	0.73	686	3.15	2.23	8.8	2.4	580
Q925433		3.09	15.35	0.12	1.4	0.095	2.71	25.3	13.0	0.83	1220	3.82	1.63	8.2	2.3	630
Q925434		2.74	15.65	0.13	1.5	0.053	2.83	24.6	11.9	0.73	666	3.36	2.02	8.7	2.3	580
Q925435		2.66	15.00	0.13	1.5	0.044	2.76	26.3	11.4	0.69	598	2.68	2.04	8.7	2.5	580
Q925436		2.82	15.80	0.12	1.5	0.043	2.73	26.5	13.4	0.73	627	4.41	2.25	8.9	4.4	590
Q925437		2.64	15.25	0.14	1.3	0.046	2.81	27.1	10.3	0.70	602	4.12	2.09	8.3	2.8	570
Q925438		2.84	15.30	0.13	1.3	0.090	3.17	23.9	19.4	0.67	1240	3.43	0.74	8.4	2.5	550
Q925439		3.26	15.00	0.15	1.3	0.179	3.03	25.8	26.4	0.71	1020	0.92	0.65	8.0	2.8	540
Q925440		8.86	13.75	0.26	0.9	1.645	2.56	22.6	16.6	0.66	2320	17.55	0.06	5.5	15.3	450
Q925441		2.19	18.20	0.15	4.5	0.040	2.40	27.6	82.0	0.62	546	1.09	0.46	10.8	5.5	1100
Q925442		3.02	15.60	0.16	1.3	0.075	3.18	22.8	15.1	0.89	830	2.27	1.19	8.4	2.7	580
Q925443		2.84	18.70	0.19	3.6	0.038	3.92	26.3	23.0	1.11	785	0.42	0.10	11.4	4.2	760
Q925444		2.84	15.10	0.17	1.2	0.090	3.18	20.4	19.1	0.75	820	2.58	1.36	8.2	2.4	560
Q925445		3.00	15.30	0.20	1.3	0.789	3.35	22.2	17.3	0.69	1370	1.81	0.98	8.2	2.7	560
Q925446		0.47	0.24	0.07	<0.1	<0.005	0.03	0.6	1.0	12.70	214	0.15	0.01	0.3	2.6	170
Q925447		3.08	16.25	0.17	1.5	0.116	2.97	24.1	20.2	0.63	794	1.38	1.44	8.8	3.9	570
Q925448		3.18	15.25	0.19	1.3	0.144	3.14	22.8	23.3	0.81	987	2.28	0.81	8.2	2.1	560
Q925449		2.90	15.65	0.17	1.3	0.059	2.97	23.7	17.4	0.72	793	2.65	1.58	8.6	2.8	570
Q925450		2.58	15.70	0.17	1.5	0.051	3.36	22.3	27.4	0.67	724	1.38	0.60	8.9	2.8	560
Q925451		2.78	15.60	0.19	1.3	0.064	3.11	23.3	10.2	0.66	644	1.49	1.86	8.6	2.6	560
Q925452		3.07	15.35	0.18	1.3	0.109	3.86	23.7	14.1	0.61	2320	1.15	0.62	8.3	2.5	550
Q925453		3.14	15.80	0.18	1.4	0.066	2.97	23.8	22.3	0.79	814	1.33	1.78	9.0	2.7	600
Q925454		3.03	16.75	0.15	2.2	0.060	2.87	25.9	36.5	0.77	2110	3.22	0.05	10.0	4.9	720
Q925455		3.61	13.85	0.16	1.2	0.104	3.51	25.9	15.3	0.89	3090	1.33	0.06	7.4	2.5	500
Q925456		3.12	15.90	0.19	1.3	0.055	3.34	22.7	19.6	0.64	1900	0.97	0.63	8.4	2.6	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105964

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925421		19.9	1.3	<0.002	<0.01	0.48	0.3	<1	<0.2	44.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
Q925422		9.2	88.5	<0.002	0.21	7.53	10.9	<1	3.1	164.5	0.76	0.21	11.9	0.264	1.52	2.9
Q925423		14.0	103.5	<0.002	0.07	17.05	11.0	<1	3.5	131.0	0.79	<0.05	14.0	0.263	1.38	3.1
Q925424		34.1	112.0	<0.002	0.27	12.35	10.2	<1	3.3	103.0	0.79	0.05	10.9	0.267	2.24	4.1
Q925425		42.9	107.0	<0.002	0.31	12.85	9.9	<1	3.3	98.1	0.77	0.13	10.5	0.256	2.42	4.1
Q925426		26.9	107.0	<0.002	0.09	6.43	9.5	<1	3.0	250	0.77	<0.05	11.0	0.248	1.54	3.2
Q925427		13.5	104.0	<0.002	0.30	6.87	9.7	<1	3.2	234	0.77	0.07	10.8	0.245	1.66	3.2
Q925428		476	139.0	0.004	2.54	32.4	9.3	1	6.3	107.0	0.56	0.32	10.4	0.196	2.39	4.7
Q925429		126.5	127.0	<0.002	0.30	12.50	10.2	<1	3.3	273	0.74	<0.05	10.0	0.261	1.88	3.3
Q925430		21.5	130.5	<0.002	0.14	16.35	10.4	<1	3.1	100.5	0.76	<0.05	13.0	0.266	1.85	3.1
Q925431		22.3	101.0	<0.002	0.06	7.13	10.2	<1	3.0	266	0.76	<0.05	10.1	0.269	1.65	2.8
Q925432		15.2	105.5	<0.002	0.04	3.61	10.2	<1	3.0	331	0.73	0.08	12.2	0.250	1.37	3.2
Q925433		28.1	104.5	<0.002	0.18	6.41	10.4	<1	3.3	261	0.66	<0.05	10.8	0.271	1.63	2.8
Q925434		20.9	105.5	<0.002	0.11	4.50	9.7	<1	2.7	299	0.72	<0.05	11.0	0.253	1.61	3.5
Q925435		20.6	108.5	<0.002	0.08	3.71	9.8	<1	3.1	303	0.72	<0.05	11.8	0.241	1.49	3.7
Q925436		31.7	104.0	<0.002	0.04	2.17	10.2	<1	2.7	362	0.75	<0.05	11.8	0.256	1.37	3.6
Q925437		30.9	107.0	<0.002	0.05	2.72	9.9	<1	2.7	353	0.70	<0.05	11.6	0.242	1.47	3.5
Q925438		161.0	118.0	<0.002	0.45	10.30	9.4	<1	3.1	180.0	0.70	0.08	11.2	0.245	2.42	4.6
Q925439		24.9	123.0	<0.002	0.59	10.75	9.3	<1	2.8	156.0	0.67	0.15	10.9	0.223	2.47	4.6
Q925440		1655	139.5	0.003	7.64	113.0	8.8	2	12.1	63.8	0.44	0.89	8.6	0.164	2.10	5.2
Q925441		22.2	74.4	0.003	0.13	5.80	5.3	1	1.5	655	0.68	<0.05	8.0	0.310	1.58	11.3
Q925442		17.3	130.0	<0.002	0.17	4.73	9.7	1	2.4	322	0.63	<0.05	12.0	0.250	2.11	3.3
Q925443		19.0	146.0	<0.002	0.07	24.1	7.5	1	1.7	344	0.78	<0.05	9.0	0.306	3.14	6.5
Q925444		18.7	124.0	<0.002	0.12	4.82	9.1	1	2.3	288	0.62	<0.05	11.3	0.241	1.82	2.7
Q925445		406	144.0	<0.002	0.73	36.5	9.4	1	2.5	257	0.62	<0.05	11.7	0.248	2.19	5.1
Q925446		2.3	1.3	<0.002	<0.01	0.12	0.2	1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q925447		567	125.5	<0.002	0.51	16.75	9.5	1	2.7	253	0.68	0.10	12.8	0.244	1.80	5.2
Q925448		21.8	143.0	<0.002	0.32	7.02	9.3	1	2.4	193.5	0.61	<0.05	12.0	0.234	2.19	3.9
Q925449		19.4	115.5	<0.002	0.27	7.38	9.4	1	2.6	298	0.67	<0.05	12.2	0.250	1.76	4.0
Q925450		15.8	139.0	<0.002	0.17	8.34	9.4	1	2.3	205	0.72	<0.05	12.5	0.236	2.50	4.2
Q925451		17.3	126.5	<0.002	0.07	4.77	9.2	1	2.4	315	0.65	<0.05	11.7	0.240	1.80	3.4
Q925452		55.3	182.0	<0.002	1.27	16.85	9.3	1	3.6	173.0	0.64	<0.05	11.9	0.233	2.75	4.7
Q925453		15.9	120.0	<0.002	0.07	5.97	10.8	1	2.9	330	0.70	<0.05	12.0	0.269	1.65	4.1
Q925454		104.5	123.0	<0.002	1.23	24.8	9.4	1	3.2	182.0	0.71	0.07	11.6	0.282	2.41	5.5
Q925455		1020	187.5	<0.002	2.19	153.0	8.7	1	2.6	127.5	0.56	0.10	11.3	0.213	2.84	3.9
Q925456		327	145.5	<0.002	0.72	12.70	9.9	1	3.1	197.5	0.63	<0.05	12.5	0.239	2.43	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105964

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925421		2	0.1	0.8	17	<0.5
Q925422		72	2.2	13.0	54	36.7
Q925423		72	4.8	16.2	55	41.0
Q925424		71	3.0	13.7	67	40.3
Q925425		69	3.0	12.9	72	40.4
Q925426		66	2.5	14.0	61	40.0
Q925427		66	2.4	14.5	55	37.6
Q925428		63	5.7	11.3	867	33.4
Q925429		71	2.3	14.4	254	41.8
Q925430		71	4.7	15.6	91	39.8
Q925431		73	2.8	15.6	65	41.5
Q925432		68	4.0	15.4	50	42.5
Q925433		79	7.4	14.8	67	38.6
Q925434		69	4.0	14.1	59	41.7
Q925435		67	3.8	14.4	51	42.6
Q925436		70	3.5	15.7	60	41.3
Q925437		66	2.9	14.5	67	37.7
Q925438		65	4.2	12.7	226	37.9
Q925439		65	3.8	13.2	76	35.0
Q925440		56	7.7	9.2	3340	26.1
Q925441		57	1.3	10.8	74	175.5
Q925442		69	3.6	14.5	58	37.8
Q925443		73	6.0	14.8	67	137.5
Q925444		64	4.2	13.9	57	33.2
Q925445		64	2.2	13.9	948	37.8
Q925446		1	0.1	0.8	17	<0.5
Q925447		64	1.9	14.2	557	46.0
Q925448		62	2.1	14.0	86	37.2
Q925449		66	1.7	15.1	49	37.5
Q925450		63	2.5	14.1	44	43.6
Q925451		64	2.0	14.3	59	38.8
Q925452		63	2.8	13.8	240	37.1
Q925453		74	1.4	16.4	52	40.0
Q925454		67	4.0	15.3	172	77.7
Q925455		57	2.8	13.4	1700	34.2
Q925456		65	3.3	13.9	769	37.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105964

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

CERTIFICATE WH14105965

Project: KLAZA

P.O. No.: BATCH 53

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105965

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q924994		5.12	0.013	0.47	7.11	41.2	1030	1.51	0.81	2.30	0.34	54.4	8.0	9	10.75	5.4
Q924995		5.72	0.005	0.22	7.64	20.3	760	1.59	0.91	2.40	0.30	47.7	10.3	9	12.85	4.8
Q924996		7.60	0.024	0.79	7.33	55.7	1250	1.68	2.74	2.63	1.06	61.4	43.0	7	15.65	5.6
Q924997		4.81	0.012	0.49	8.05	26.3	2250	2.13	3.77	2.33	0.28	50.6	20.5	9	16.00	3.8
Q924998		<0.02	0.013	0.53	8.01	26.4	2280	2.03	3.87	2.23	0.27	56.1	20.8	8	16.65	3.8
Q924999		6.38	<0.005	0.33	7.71	14.8	1820	1.92	1.30	2.97	0.38	53.8	7.3	9	12.75	2.0
Q925000		6.03	<0.005	0.05	8.57	16.6	1250	1.97	0.93	4.77	0.09	47.2	2.5	9	14.65	3.3
Q925001		5.01	<0.005	0.23	7.27	15.5	1190	1.70	0.84	3.60	0.14	47.8	6.0	13	11.75	6.9
Q925002		5.35	<0.005	0.11	7.21	19.6	510	1.62	0.27	2.79	0.15	45.2	6.7	15	23.8	8.7
Q925003		1.94	0.039	1.67	3.52	46.6	1110	0.98	0.29	10.60	0.68	86.0	5.2	4	7.49	25.8
Q925004		3.73	<0.005	<0.01	0.07	<0.2	10	0.08	0.01	19.65	0.06	1.32	1.4	<1	0.22	1.3
Q925005		10.14	<0.005	0.07	7.74	9.7	1910	1.65	0.17	2.83	0.13	48.6	9.5	11	11.95	5.4
Q925006		4.26	<0.005	0.09	7.46	12.2	2530	1.47	0.30	2.94	0.14	50.8	9.2	9	14.05	4.8
Q925007		2.56	<0.005	0.17	7.06	31.9	1110	1.66	0.50	2.86	0.09	42.3	17.6	9	13.65	2.7
Q925008		8.48	0.016	0.27	7.51	81.9	2020	1.70	0.24	2.14	1.63	51.3	8.5	10	15.15	16.0
Q925009		7.51	<0.005	0.15	7.47	29.3	2770	1.74	0.38	2.67	0.41	44.4	7.7	9	13.65	13.3
Q925010		6.82	<0.005	0.22	7.34	13.8	1960	1.53	0.29	2.29	0.27	38.9	7.8	8	15.95	20.7
Q925011		6.25	<0.005	0.11	7.31	6.4	1890	1.48	0.16	2.97	0.12	51.2	7.5	8	12.55	21.3
Q925012		9.95	<0.005	0.11	7.43	4.3	2950	1.59	0.13	5.34	0.12	56.2	7.0	9	12.40	19.8
Q925013		0.22	0.351	4.78	7.02	737	360	1.50	3.46	2.12	11.35	52.9	11.5	24	14.45	341
Q925014		3.39	0.108	2.87	7.89	131.5	1800	1.50	3.92	1.40	3.13	54.5	13.1	10	16.10	23.2
Q925015		7.18	<0.005	0.15	7.13	33.0	1260	1.39	0.22	1.46	0.39	34.8	7.8	9	18.90	31.4
Q925016		3.05	<0.005	0.10	6.48	26.2	1210	1.42	0.14	1.04	0.31	25.7	8.1	9	15.70	34.5
Q925017		7.37	<0.005	0.12	6.75	13.4	1940	1.46	0.24	2.52	0.29	48.1	8.4	9	14.80	28.0
Q925018		8.75	0.005	0.06	6.44	12.7	2200	1.26	0.20	2.65	0.13	39.4	8.5	9	13.65	15.4
Q925019		3.69	0.006	0.38	6.16	59.3	1700	1.59	0.11	3.84	3.53	42.0	8.0	8	22.4	11.7
Q925020		3.00	<0.005	0.02	0.08	<0.2	50	0.09	0.02	19.95	0.12	1.87	2.0	<1	0.90	2.3
Q925021		5.81	<0.005	0.02	7.36	7.5	1850	1.46	0.06	2.41	0.10	41.1	10.1	10	16.20	15.0
Q925022		6.58	<0.005	0.02	7.23	5.0	2000	1.47	0.08	2.04	0.10	49.2	7.9	9	14.80	14.4
Q925023		0.22	0.340	4.61	6.82	690	670	1.43	2.65	2.04	11.85	53.1	13.6	25	14.10	319
Q925024		4.75	<0.005	0.08	6.88	15.4	1740	1.54	0.08	2.12	0.29	51.3	8.6	8	18.30	7.1
Q925025		4.50	<0.005	<0.01	7.06	4.1	2070	1.80	0.06	2.47	0.08	47.5	8.2	12	13.70	6.6
Q925026		7.76	<0.005	0.25	7.42	19.0	3540	1.33	0.10	1.72	0.29	51.0	8.8	10	17.30	14.9
Q925027		8.03	<0.005	0.04	7.45	2.9	2170	1.48	0.07	2.58	0.09	64.5	9.0	12	10.05	13.1
Q925028		3.64	<0.005	0.04	6.07	13.3	1720	1.45	0.10	2.81	0.16	40.4	8.3	11	17.95	8.9
Q925029		3.19	0.076	9.79	6.03	1030	690	1.58	0.56	3.31	78.9	59.9	8.9	8	18.45	39.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105965

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q924994		4.67	15.45	0.20	1.0	0.272	3.28	29.8	21.6	0.90	3580	0.57	0.06	8.0	3.6	530
Q924995		3.55	14.95	0.19	1.2	0.119	3.24	24.3	29.8	0.97	1980	0.19	0.06	9.4	2.7	630
Q924996		5.60	16.35	0.23	1.0	0.196	2.54	33.7	39.2	1.08	2110	0.31	0.12	8.0	4.4	610
Q924997		4.01	19.45	0.17	1.1	0.143	2.43	25.6	30.7	0.94	1430	0.34	0.72	8.9	4.9	570
Q924998		3.95	19.65	0.20	1.1	0.144	2.38	29.2	30.4	0.92	1390	0.28	0.71	9.0	4.7	570
Q924999		3.67	16.45	0.18	1.0	0.132	2.69	27.4	37.8	1.05	1410	0.23	0.66	9.7	3.0	600
Q925000		4.21	20.9	0.17	1.1	0.141	1.68	21.9	28.9	0.71	1120	0.16	2.07	9.9	2.7	640
Q925001		2.94	15.15	0.19	1.1	0.107	3.01	24.2	34.1	0.95	1580	0.29	0.33	9.1	3.2	680
Q925002		2.65	15.55	0.18	1.2	0.072	2.21	22.8	102.5	0.72	1090	0.41	0.05	8.8	3.0	600
Q925003		4.60	7.83	0.18	0.5	0.698	1.62	54.1	14.6	3.37	8780	0.41	0.02	3.8	2.0	270
Q925004		0.46	0.29	0.07	<0.1	<0.005	0.02	0.7	1.2	12.45	224	0.08	<0.01	0.3	2.4	170
Q925005		2.93	16.45	0.13	1.2	0.057	2.91	23.8	15.2	0.84	818	0.90	1.82	8.8	2.7	620
Q925006		2.72	16.05	0.13	1.2	0.054	2.81	25.9	58.8	0.75	752	0.33	0.64	9.0	2.6	650
Q925007		2.40	15.55	0.15	1.1	0.055	2.83	20.9	41.9	0.72	814	0.41	0.67	8.3	2.6	570
Q925008		3.18	15.90	0.16	1.4	0.074	2.72	26.2	40.7	0.57	1190	1.21	1.22	8.8	2.9	590
Q925009		2.96	15.80	0.16	1.3	0.047	2.82	22.1	14.6	0.64	1080	0.99	1.65	8.5	2.9	590
Q925010		2.85	15.70	0.16	1.4	0.045	2.70	18.6	22.5	0.43	961	1.67	1.05	8.3	2.6	620
Q925011		3.09	15.05	0.18	1.3	0.038	2.37	27.8	27.8	0.83	653	0.88	0.84	8.1	2.8	580
Q925012		3.03	14.30	0.15	1.3	0.039	2.46	31.5	24.3	0.93	1040	1.15	0.68	8.0	2.6	570
Q925013		5.15	14.75	0.19	1.1	0.320	3.04	29.9	27.1	0.77	1940	14.05	0.15	6.7	14.0	530
Q925014		3.88	16.15	0.18	1.3	0.205	3.20	28.7	36.3	0.46	2300	1.32	0.11	8.8	2.8	630
Q925015		2.83	18.55	0.09	1.4	0.051	2.36	14.8	51.2	0.27	1080	1.76	0.10	8.9	2.7	610
Q925016		2.60	18.20	0.10	1.3	0.048	2.28	10.9	41.9	0.18	787	1.75	0.10	8.8	2.9	600
Q925017		2.92	15.95	0.13	1.3	0.076	2.83	22.1	27.5	0.55	1060	1.97	1.16	8.3	2.7	570
Q925018		2.63	16.25	0.12	1.5	0.055	2.79	17.6	36.1	0.37	826	15.15	0.83	8.9	2.7	600
Q925019		2.84	15.65	0.14	1.5	0.083	2.78	18.3	17.1	0.56	2120	2.06	1.05	8.5	2.5	560
Q925020		0.47	0.56	<0.05	<0.1	0.008	0.04	0.8	1.5	12.65	216	0.27	0.01	0.5	<0.2	180
Q925021		2.95	18.05	0.13	1.6	0.040	2.73	18.5	28.5	0.72	685	1.81	1.22	9.1	3.1	620
Q925022		2.66	17.45	0.16	1.5	0.035	2.84	23.8	19.1	0.52	640	2.19	1.42	8.3	2.3	550
Q925023		4.98	16.30	0.19	1.2	0.353	2.95	28.1	25.3	0.78	1880	14.85	0.15	6.8	14.9	530
Q925024		2.90	16.15	0.12	1.6	0.074	2.77	25.0	29.7	0.76	1500	2.32	0.11	8.5	2.4	550
Q925025		2.77	16.65	0.14	2.0	0.034	2.94	22.5	13.4	0.66	649	1.64	2.07	9.8	2.5	560
Q925026		3.29	16.85	0.12	1.5	0.090	2.51	24.1	32.3	0.62	1460	1.61	0.17	8.9	4.5	650
Q925027		2.89	16.95	0.15	1.6	0.041	2.82	31.5	19.4	0.81	658	1.28	2.09	8.7	2.9	580
Q925028		2.67	15.35	0.13	1.4	0.045	2.28	18.7	47.9	0.72	876	1.39	0.72	7.9	2.5	520
Q925029		5.75	14.35	0.22	1.1	0.883	2.77	32.1	20.6	1.25	9500	1.61	0.03	6.6	2.9	470

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105965

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q924994		36.2	215	<0.002	1.18	6.25	9.9	1	3.7	60.0	0.61	0.06	13.1	0.237	2.95	7.1
Q924995		12.7	169.5	<0.002	0.39	7.85	11.0	1	2.4	86.1	0.74	<0.05	14.2	0.287	2.72	7.2
Q924996		21.2	148.0	<0.002	1.93	10.30	10.9	1	3.2	100.5	0.62	0.32	14.1	0.248	2.25	8.6
Q924997		16.6	104.0	<0.002	0.46	9.58	11.1	1	2.5	130.0	0.73	0.07	13.8	0.297	1.97	7.9
Q924998		16.7	115.5	<0.002	0.47	9.84	11.5	1	2.6	131.0	0.73	0.09	14.9	0.288	1.97	8.3
Q924999		10.2	125.5	<0.002	0.21	7.18	11.3	1	2.0	135.0	0.72	<0.05	13.5	0.296	2.13	5.8
Q925000		19.5	59.1	<0.002	0.02	23.9	10.6	1	3.0	475	0.75	<0.05	12.0	0.296	1.26	4.5
Q925001		11.3	149.0	<0.002	0.26	6.60	10.8	1	2.7	131.5	0.72	<0.05	12.0	0.266	2.55	5.1
Q925002		16.6	78.0	<0.002	0.12	13.50	10.2	1	2.3	153.0	0.72	<0.05	12.3	0.256	1.73	5.1
Q925003		28.1	118.5	<0.002	1.19	22.6	5.2	1	1.5	225	0.28	0.05	6.8	0.107	1.70	6.3
Q925004		3.0	1.2	<0.002	<0.01	0.09	0.2	1	<0.2	43.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q925005		18.4	114.5	<0.002	0.07	4.09	10.7	1	1.8	353	0.70	<0.05	13.1	0.271	1.43	4.1
Q925006		19.9	100.0	<0.002	0.09	10.25	10.9	1	2.0	216	0.70	<0.05	12.8	0.277	1.56	3.1
Q925007		13.4	114.0	<0.002	0.28	7.29	9.3	1	1.7	165.0	0.69	<0.05	11.5	0.248	2.12	5.1
Q925008		88.0	115.0	<0.002	0.09	7.56	11.2	1	3.0	236	0.70	<0.05	12.6	0.275	1.40	2.5
Q925009		24.5	116.5	<0.002	0.08	9.19	10.3	1	2.3	303	0.67	<0.05	11.6	0.264	1.55	2.3
Q925010		34.4	101.5	<0.002	0.08	12.30	10.2	1	2.1	203	0.66	<0.05	10.4	0.273	1.36	2.6
Q925011		14.3	103.5	<0.002	0.02	6.57	10.9	2	2.0	223	0.65	<0.05	13.8	0.258	1.02	2.6
Q925012		16.2	110.5	<0.002	0.05	3.72	10.1	2	2.0	304	0.65	<0.05	13.0	0.261	1.02	2.5
Q925013		521	165.0	0.004	2.90	31.6	8.8	2	6.0	109.5	0.51	0.34	11.5	0.203	2.45	5.3
Q925014		175.0	143.5	<0.002	0.48	22.9	11.6	1	2.5	71.6	0.69	0.08	14.0	0.279	1.93	5.2
Q925015		24.8	91.4	<0.002	0.03	26.4	11.7	<1	2.5	69.4	0.75	<0.05	9.5	0.276	1.30	2.5
Q925016		16.5	77.2	<0.002	0.01	22.0	10.2	<1	3.4	57.5	0.75	<0.05	7.8	0.279	1.27	2.4
Q925017		21.2	101.5	<0.002	0.16	9.93	10.4	<1	2.3	227	0.72	<0.05	11.3	0.247	1.43	2.9
Q925018		17.4	91.0	0.004	0.09	11.75	10.3	<1	2.6	182.0	0.78	<0.05	9.9	0.263	1.24	3.1
Q925019		150.5	101.0	<0.002	0.35	7.58	9.7	<1	2.6	247	0.80	<0.05	10.1	0.245	1.75	3.8
Q925020		3.4	4.1	<0.002	<0.01	0.15	0.5	<1	<0.2	52.5	<0.05	<0.05	0.3	<0.005	0.04	0.7
Q925021		16.1	96.2	<0.002	0.05	4.00	11.5	<1	3.2	231	0.85	<0.05	12.3	0.274	1.22	2.5
Q925022		16.6	105.5	<0.002	0.02	7.96	10.8	<1	2.1	249	0.79	<0.05	14.0	0.234	1.12	2.8
Q925023		498	162.0	0.003	2.65	29.3	10.4	1	6.4	110.5	0.56	0.34	11.5	0.204	2.43	4.8
Q925024		14.7	101.5	<0.002	0.10	15.05	11.2	<1	2.8	94.1	0.83	<0.05	13.9	0.240	1.73	5.1
Q925025		17.5	106.5	<0.002	0.02	2.11	10.4	<1	2.1	323	1.03	<0.05	13.6	0.249	1.20	3.7
Q925026		16.1	81.0	<0.002	0.14	23.1	12.7	<1	2.6	99.8	0.74	<0.05	12.0	0.283	1.28	3.3
Q925027		17.0	98.6	<0.002	0.01	1.33	11.4	<1	2.4	362	0.75	<0.05	14.7	0.259	1.08	3.2
Q925028		14.4	68.4	<0.002	0.09	18.20	10.0	<1	2.2	205	0.73	<0.05	10.1	0.236	1.34	6.5
Q925029		3880	190.0	<0.002	1.68	30.2	10.1	1	3.9	99.8	0.52	<0.05	12.4	0.195	2.54	6.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105965

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q924994		66	3.7	13.1	140	25.6
Q924995		66	3.5	14.4	174	29.2
Q924996		76	4.3	20.5	770	25.9
Q924997		97	4.4	18.8	366	28.0
Q924998		94	4.3	20.0	372	28.4
Q924999		74	3.9	16.8	403	25.6
Q925000		96	4.4	16.3	77	26.9
Q925001		72	2.6	13.8	76	28.1
Q925002		68	2.8	14.2	78	29.0
Q925003		34	3.0	28.1	146	12.4
Q925004		1	0.1	0.8	16	<0.5
Q925005		73	1.9	16.0	56	29.1
Q925006		75	4.2	16.1	128	28.5
Q925007		67	2.3	12.3	54	27.6
Q925008		76	2.9	17.3	181	38.0
Q925009		73	2.4	15.1	84	34.7
Q925010		78	3.1	13.0	65	34.2
Q925011		74	13.0	17.5	58	35.6
Q925012		71	5.7	21.4	55	33.9
Q925013		67	5.6	12.1	947	32.2
Q925014		79	6.3	16.0	320	35.5
Q925015		78	5.8	12.6	80	37.2
Q925016		78	5.8	9.6	71	35.1
Q925017		71	4.0	15.3	62	34.8
Q925018		74	7.7	14.4	50	38.1
Q925019		70	2.4	15.7	289	40.1
Q925020		2	0.1	1.0	19	0.6
Q925021		77	3.3	15.8	58	42.3
Q925022		68	5.6	16.3	50	40.0
Q925023		67	6.0	12.7	891	34.4
Q925024		70	5.9	17.1	68	39.8
Q925025		71	1.9	16.2	51	49.5
Q925026		80	9.7	16.5	77	40.6
Q925027		74	2.0	17.4	53	41.4
Q925028		67	4.3	14.5	57	36.4
Q925029		57	4.5	14.5	7300	32.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105965

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

CERTIFICATE WH14105966

Project: KLAZA

P.O. No.: BATCH 54

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105966

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925030		3.76	0.014	1.20	7.34	86.9	1500	1.28	0.38	1.90	5.09	37.6	7.9	7	17.45	32.0
Q925031		8.55	<0.005	0.22	6.98	15.7	2000	1.14	0.14	2.08	0.21	40.5	7.4	8	23.8	103.5
Q925032		3.66	<0.005	0.98	6.94	38.9	2130	1.48	0.39	2.85	0.39	39.4	8.2	9	25.7	492
Q925033		7.50	<0.005	0.21	6.98	35.1	2180	1.34	0.18	2.83	0.25	43.4	9.7	14	12.65	122.5
Q925034		12.22	<0.005	0.18	7.25	35.4	2190	1.34	0.17	2.77	0.26	48.9	9.4	11	11.20	94.0
Q925035		8.98	<0.005	0.17	7.20	8.7	2150	1.33	0.25	2.85	0.18	46.7	8.9	14	10.40	54.2
Q925036		0.23	1.775	38.4	5.17	2410	100	0.95	32.6	1.56	42.6	30.4	16.0	21	9.24	1110
Q925037		4.43	0.010	0.36	6.77	46.4	1980	1.22	0.39	2.23	0.30	51.0	9.6	12	20.5	40.5
Q925038		3.66	0.053	1.36	6.06	303	1540	1.15	0.28	4.11	1.56	46.5	8.9	6	23.8	26.7
Q925039		5.07	<0.005	<0.01	0.07	0.5	30	0.05	<0.01	20.3	0.06	1.20	0.6	<1	0.19	2.5
Q925040		6.69	<0.005	0.08	7.18	11.5	1750	1.40	0.09	2.28	0.10	43.5	7.3	10	21.0	23.6
Q925041		7.56	<0.005	0.11	7.04	6.7	2020	1.16	0.14	2.51	0.14	40.9	7.7	9	13.45	28.0
Q925042		3.53	0.197	6.83	6.24	1200	1000	1.07	0.97	3.81	21.7	45.8	6.7	6	13.90	30.1
Q925043		8.51	<0.005	0.08	7.21	7.0	2340	1.45	0.13	2.40	0.09	45.0	7.3	10	21.4	21.5
Q925044		<0.02	<0.005	0.08	6.96	7.2	2290	1.40	0.17	2.31	0.10	45.2	7.4	11	20.6	20.0
Q925045		6.89	<0.005	0.15	6.76	21.2	2560	1.31	0.25	2.67	0.14	40.6	8.0	9	27.7	11.7
Q925046		0.23	1.705	38.3	5.46	2480	190	0.97	32.7	1.62	42.5	32.6	15.8	22	9.36	1150
Q925047		4.25	0.021	0.83	6.59	187.0	2890	1.29	0.41	3.18	2.27	43.2	9.1	7	22.8	11.4
Q925048		4.93	<0.005	0.14	6.88	26.7	1950	1.33	0.14	2.73	1.19	44.6	8.3	11	18.15	7.6
Q925049		2.19	<0.005	0.14	6.80	21.7	2010	1.26	0.15	2.54	1.96	41.1	8.2	10	15.65	11.4
Q925050		7.59	<0.005	0.05	6.78	5.4	2080	1.32	0.09	2.84	0.10	44.4	8.9	11	11.75	8.0
Q925051		11.45	<0.005	0.04	7.05	5.1	2060	1.28	0.06	2.78	0.08	47.8	7.9	12	12.45	6.1
Q925052		4.25	<0.005	0.10	6.92	18.7	1730	1.20	0.07	2.17	0.08	43.0	7.9	10	17.60	5.9
Q925053		4.68	0.005	0.30	6.70	34.3	1760	1.28	0.09	2.76	0.63	43.3	7.9	8	27.3	8.2
Q925054		5.86	<0.005	0.06	6.58	5.6	2160	1.39	0.12	3.06	0.08	39.5	7.4	10	15.70	8.1
Q925055		3.96	<0.005	0.20	7.82	19.3	1990	1.61	0.22	1.59	0.22	52.3	8.0	9	18.35	24.0
Q925056		3.26	<0.005	0.20	7.04	63.8	1380	1.54	0.12	2.33	0.21	48.6	9.7	9	22.7	12.0
Q925057		6.14	<0.005	0.24	7.39	41.9	1930	1.63	0.14	2.21	0.16	49.5	8.5	8	23.4	35.6
Q925058		6.30	<0.005	0.12	6.79	18.1	2020	1.66	0.10	2.77	0.08	38.3	8.5	10	17.85	10.5
Q925059		10.09	<0.005	0.18	7.28	15.3	1910	1.69	0.13	2.36	0.77	46.4	9.0	9	18.05	37.9
Q925060		4.20	0.013	0.39	7.30	38.5	2800	1.58	0.68	2.12	0.44	54.0	18.7	8	11.65	2.8
Q925061		5.32	<0.005	0.02	0.07	<0.2	20	0.10	0.02	20.7	0.06	1.37	0.7	<1	0.17	2.5
Q925062		7.26	<0.005	0.10	7.29	7.2	2290	1.69	0.13	2.99	0.11	49.3	8.8	10	12.60	13.3
Q925063		11.44	<0.005	0.11	7.46	8.5	1980	1.72	0.09	2.31	1.31	52.0	8.7	12	13.55	14.9
Q925064		6.98	<0.005	0.06	7.46	4.2	2350	1.74	0.10	2.80	0.04	49.0	10.3	14	10.60	16.8
Q925065		6.02	<0.005	0.42	7.12	12.4	1940	1.65	0.13	3.18	3.05	44.7	10.1	11	16.75	19.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105966

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925030		3.08	16.60	0.13	1.4	0.141	3.15	18.6	26.0	0.66	2100	0.75	0.06	6.8	3.2	490
Q925031		3.01	16.65	0.14	1.4	0.051	2.49	18.8	34.0	0.66	811	0.83	0.14	8.6	3.2	670
Q925032		3.07	16.95	0.12	1.3	0.069	2.48	18.1	13.3	0.78	589	1.11	1.99	8.0	2.8	610
Q925033		3.23	16.55	0.13	1.2	0.044	2.50	19.5	13.4	0.89	710	0.89	2.16	8.2	3.9	650
Q925034		3.09	16.65	0.13	1.2	0.039	2.63	23.0	17.8	0.89	673	0.83	2.21	7.9	3.2	620
Q925035		3.15	17.05	0.13	1.3	0.049	2.74	21.6	12.9	0.88	699	0.78	2.24	8.3	2.9	620
Q925036		8.51	14.00	0.12	0.8	1.450	2.53	14.7	14.0	0.62	2180	15.90	0.06	4.7	13.5	430
Q925037		3.28	16.05	0.13	1.2	0.065	2.96	25.1	37.0	0.78	839	0.87	0.49	7.6	3.1	590
Q925038		3.08	14.25	0.15	1.2	0.106	2.40	25.5	40.5	1.34	2290	0.90	0.03	6.5	2.6	490
Q925039		0.49	0.21	0.10	<0.1	0.005	0.02	0.6	1.0	12.50	211	0.16	0.01	0.1	3.2	190
Q925040		3.07	15.60	0.14	1.3	0.044	2.74	20.6	23.4	0.80	613	0.87	1.28	7.9	2.6	610
Q925041		2.97	17.40	0.14	1.5	0.052	2.90	19.7	23.8	0.73	573	1.61	0.67	8.2	2.6	610
Q925042		4.29	13.30	0.14	1.1	0.491	2.79	25.3	19.3	0.93	5380	1.45	0.06	6.3	2.3	510
Q925043		3.08	16.80	0.12	1.3	0.040	2.84	21.2	15.5	0.74	541	0.83	1.90	8.2	2.6	620
Q925044		3.01	16.25	0.14	1.2	0.039	2.75	21.1	15.7	0.73	524	0.62	1.84	8.0	2.5	600
Q925045		2.97	16.35	0.14	1.3	0.047	2.81	19.3	44.0	0.77	816	0.72	0.37	7.9	2.7	610
Q925046		8.80	13.85	0.13	0.9	1.485	2.64	16.3	14.3	0.65	2260	16.00	0.06	4.6	13.7	440
Q925047		3.58	14.75	0.13	1.1	0.180	2.89	22.6	31.4	1.05	2130	1.01	0.47	6.9	2.6	530
Q925048		3.27	16.35	0.13	1.3	0.066	2.84	20.0	14.7	0.81	858	0.66	1.76	8.2	2.9	610
Q925049		3.05	16.20	0.13	1.3	0.058	2.86	18.4	18.0	0.76	756	1.20	1.63	8.0	3.0	600
Q925050		3.06	16.75	0.14	1.3	0.048	2.60	20.3	13.9	0.79	689	0.80	2.19	8.2	2.9	620
Q925051		2.96	16.05	0.13	1.3	0.034	2.74	22.9	13.7	0.80	709	0.80	2.13	7.9	2.9	610
Q925052		2.89	16.25	0.13	1.3	0.040	2.72	20.5	30.1	0.71	745	1.14	0.93	7.9	2.5	610
Q925053		3.38	16.05	0.13	1.3	0.040	2.89	20.9	42.4	0.95	1250	1.21	0.36	7.7	2.6	600
Q925054		3.00	16.05	0.12	1.3	0.040	2.61	18.1	13.4	0.74	651	0.55	2.00	7.8	2.7	590
Q925055		2.80	17.65	0.07	1.4	0.050	2.97	27.4	28.6	0.56	682	0.91	0.35	8.4	2.3	660
Q925056		3.00	16.35	0.05	1.3	0.038	2.52	26.1	43.6	0.82	1080	1.35	0.07	7.9	3.2	610
Q925057		2.75	17.35	0.08	1.4	0.035	2.70	26.7	56.6	0.77	835	0.90	0.08	8.2	2.6	630
Q925058		3.13	16.75	0.05	1.4	0.035	2.77	17.5	15.0	0.76	774	1.17	1.68	8.2	2.8	610
Q925059		2.94	17.85	0.07	1.4	0.039	2.56	23.0	66.5	0.74	1060	1.15	0.91	8.7	2.8	640
Q925060		3.95	16.45	0.08	1.3	0.159	2.71	30.3	47.3	0.91	1640	0.78	0.24	7.4	3.3	570
Q925061		0.47	0.20	<0.05	<0.1	<0.005	0.02	0.7	1.3	12.70	211	0.12	<0.01	0.2	1.3	170
Q925062		3.06	17.10	0.06	1.6	0.053	2.76	24.4	17.2	0.78	813	1.08	1.47	8.5	2.8	620
Q925063		3.20	17.25	0.06	1.6	0.056	2.79	26.6	19.6	0.77	660	1.17	1.36	8.7	3.1	620
Q925064		3.15	17.30	0.05	1.5	0.036	2.72	24.6	16.8	0.84	709	1.15	2.24	8.5	3.6	640
Q925065		3.22	17.25	0.07	1.5	0.083	2.82	21.4	19.1	0.79	1080	1.18	1.57	8.4	3.5	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105966

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925030		194.0	132.0	<0.002	0.55	19.20	8.0	1	3.8	85.9	0.65	<0.05	11.8	0.199	2.41	4.6
Q925031		16.1	83.9	<0.002	0.10	20.6	11.3	2	2.2	141.0	0.70	<0.05	11.0	0.295	1.43	4.6
Q925032		23.4	97.8	<0.002	0.24	4.14	10.2	1	2.0	386	0.68	0.06	10.8	0.270	1.56	3.2
Q925033		17.6	92.7	<0.002	0.30	1.57	11.5	2	2.0	386	0.65	<0.05	10.8	0.290	1.30	4.2
Q925034		23.0	97.6	<0.002	0.26	1.25	11.3	2	3.0	401	0.64	<0.05	12.8	0.276	1.32	4.7
Q925035		18.7	97.1	<0.002	0.19	1.04	11.8	2	2.1	388	0.70	<0.05	12.3	0.280	1.23	3.9
Q925036		1590	125.5	0.002	7.49	94.5	7.8	1	10.6	61.7	0.37	0.62	8.1	0.161	2.10	5.5
Q925037		19.1	111.5	<0.002	0.41	15.55	11.0	1	2.0	163.0	0.61	<0.05	12.2	0.259	1.84	4.3
Q925038		130.5	132.5	<0.002	0.65	20.7	9.3	1	2.0	163.5	0.54	0.06	12.5	0.211	2.10	5.7
Q925039		1.5	1.2	<0.002	<0.01	0.09	0.2	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q925040		16.1	101.0	<0.002	0.10	5.45	10.4	1	1.8	264	0.67	<0.05	12.2	0.267	1.35	3.2
Q925041		16.5	94.3	<0.002	0.07	7.84	10.4	1	2.0	189.5	0.75	<0.05	12.0	0.263	1.39	3.0
Q925042		1620	143.0	<0.002	1.34	22.6	9.2	1	2.4	111.5	0.53	0.05	11.2	0.221	1.97	4.3
Q925043		18.7	108.5	<0.002	0.02	3.88	10.8	1	1.9	363	0.69	<0.05	12.1	0.278	1.37	3.3
Q925044		19.1	104.0	<0.002	0.03	3.68	10.4	1	1.9	351	0.68	<0.05	12.2	0.276	1.34	3.6
Q925045		14.0	88.2	<0.002	0.16	12.55	10.2	1	2.1	157.5	0.64	<0.05	11.0	0.277	1.73	3.9
Q925046		1640	132.0	0.003	7.73	87.3	7.8	1	10.6	62.2	0.40	0.59	8.7	0.163	2.21	5.6
Q925047		164.5	124.0	0.002	0.58	12.80	9.9	1	2.2	185.0	0.59	0.05	12.3	0.245	2.07	4.7
Q925048		63.8	100.0	<0.002	0.11	2.91	11.4	1	2.3	316	0.64	<0.05	11.0	0.286	1.53	5.3
Q925049		88.1	95.0	<0.002	0.09	2.86	10.4	2	2.6	301	0.64	<0.05	10.3	0.283	1.51	5.4
Q925050		15.7	83.8	0.003	0.03	1.20	10.7	1	2.0	387	0.67	<0.05	11.5	0.284	1.16	4.1
Q925051		15.8	96.1	<0.002	0.02	1.30	10.6	1	2.2	385	0.66	<0.05	12.6	0.274	1.16	4.2
Q925052		16.2	95.1	<0.002	0.07	6.45	10.3	1	2.0	225	0.66	<0.05	12.1	0.270	1.45	3.5
Q925053		41.7	94.9	<0.002	0.18	8.04	10.5	1	1.9	179.5	0.63	<0.05	11.4	0.277	1.82	4.9
Q925054		15.5	87.5	<0.002	0.03	2.21	10.1	1	1.9	388	0.64	<0.05	10.3	0.270	1.31	3.1
Q925055		18.6	133.5	<0.002	0.09	11.95	12.6	1	2.0	126.5	0.70	<0.05	15.2	0.293	1.66	2.7
Q925056		17.0	108.0	<0.002	0.23	17.90	12.8	1	2.0	110.0	0.64	<0.05	13.0	0.267	2.00	4.9
Q925057		12.1	110.0	<0.002	0.20	16.55	12.7	1	2.2	127.0	0.74	<0.05	14.6	0.272	1.90	4.3
Q925058		15.1	104.0	<0.002	0.09	4.40	12.0	1	2.0	328	0.71	<0.05	10.9	0.280	1.59	3.8
Q925059		29.1	94.0	<0.002	0.13	9.86	12.8	1	2.2	252	0.80	<0.05	14.4	0.286	1.34	3.9
Q925060		30.7	149.5	<0.002	0.85	6.31	12.1	1	2.9	108.5	0.70	0.11	16.1	0.244	2.15	9.1
Q925061		1.3	1.3	<0.002	<0.01	<0.05	0.2	<1	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	0.02	0.8
Q925062		17.0	117.5	<0.002	0.06	3.80	12.3	1	2.1	321	0.81	<0.05	15.2	0.274	1.40	4.2
Q925063		26.8	114.0	<0.002	0.04	4.71	12.5	1	2.3	275	0.80	<0.05	16.0	0.280	1.16	4.1
Q925064		15.9	113.5	<0.002	0.01	1.12	13.3	1	3.0	400	0.75	<0.05	14.7	0.282	1.12	4.4
Q925065		114.0	108.5	<0.002	0.13	4.33	13.0	1	2.7	338	0.74	<0.05	11.4	0.290	1.46	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105966

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925030		55	4.1	12.2	532	33.3
Q925031		82	4.3	14.6	66	36.8
Q925032		75	2.8	13.5	82	33.0
Q925033		81	3.8	15.7	65	32.8
Q925034		78	2.2	16.2	62	33.1
Q925035		80	2.1	17.2	55	33.5
Q925036		53	7.2	8.3	3190	22.7
Q925037		75	5.6	14.9	68	31.3
Q925038		59	4.0	15.0	159	29.7
Q925039		1	0.1	0.8	12	<0.5
Q925040		74	2.3	14.4	52	33.3
Q925041		74	7.9	14.0	87	37.8
Q925042		61	4.5	16.3	2060	26.6
Q925043		76	1.5	14.9	55	33.1
Q925044		74	1.3	14.8	55	32.3
Q925045		76	3.5	13.9	57	31.8
Q925046		54	7.1	8.4	3260	22.4
Q925047		65	2.9	14.2	250	28.7
Q925048		82	2.8	15.6	116	33.6
Q925049		78	2.7	14.4	144	34.1
Q925050		80	2.5	15.2	51	34.1
Q925051		74	3.0	15.7	48	34.5
Q925052		76	3.9	13.3	51	33.3
Q925053		78	3.8	13.9	110	33.6
Q925054		76	1.1	14.7	45	35.0
Q925055		77	6.6	17.1	69	37.5
Q925056		77	5.9	17.0	72	36.4
Q925057		74	7.6	16.7	62	37.4
Q925058		77	2.5	15.2	52	38.9
Q925059		76	4.3	16.4	105	38.5
Q925060		69	4.2	16.5	91	33.4
Q925061		1	0.1	0.9	16	<0.5
Q925062		74	2.3	17.1	57	39.9
Q925063		76	3.0	17.0	138	41.9
Q925064		77	2.1	18.4	52	40.3
Q925065		81	2.9	16.5	352	38.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105966

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

CERTIFICATE WH14105967

Project: KLAZA

P.O. No.: BATCH 55

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

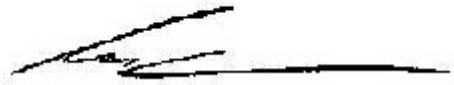
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105967

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925385		6.20	0.007	0.45	6.81	38.9	1510	1.43	0.25	2.27	0.97	41.2	6.6	9	23.5	5.8
Q925386		6.51	<0.005	0.31	6.98	37.6	1530	1.41	0.14	2.33	0.31	45.0	7.2	9	27.5	4.8
Q925387		3.69	0.148	>100	5.82	1125	830	1.48	0.17	4.89	60.3	45.3	6.3	6	22.1	39.0
Q925388		3.44	0.025	3.68	4.57	124.0	330	1.24	0.11	7.42	4.88	36.8	4.9	4	21.0	8.9
Q925389		4.65	<0.005	0.17	0.08	<0.2	20	0.09	0.01	20.1	0.18	1.86	1.8	<1	0.54	2.1
Q925390		3.81	0.066	2.44	6.89	605	700	1.53	0.14	2.60	15.75	35.6	5.8	8	19.65	11.5
Q925391		8.66	0.030	1.96	7.01	174.0	1080	1.53	0.22	2.19	11.55	45.3	7.3	8	27.4	9.6
Q925392		<0.02	0.033	2.02	7.37	209	1110	1.49	0.30	2.33	10.90	47.8	7.3	8	28.6	9.2
Q925393		7.39	0.525	3.14	7.38	2320	1230	1.46	0.27	2.07	8.51	47.4	8.2	8	25.9	10.2
Q925394		9.80	<0.005	0.12	7.12	42.9	1410	1.57	0.11	2.48	0.39	41.3	6.0	8	20.9	5.0
Q925395		3.01	<0.005	0.10	7.34	10.0	2500	1.74	0.19	2.27	0.15	46.7	6.7	10	23.8	11.1
Q925396		0.23	1.815	37.8	5.57	2450	130	1.21	27.0	1.64	46.9	36.4	18.3	23	10.50	1180
Q925397		5.62	<0.005	0.42	6.87	43.5	2130	1.33	0.51	2.60	0.69	37.9	5.8	8	19.75	16.5
Q925398		6.87	0.051	0.30	6.96	30.3	6920	1.47	0.43	2.97	0.27	44.0	7.1	8	23.2	8.5
Q925399		6.85	0.031	4.93	7.24	302	2820	1.54	0.28	3.17	23.4	44.0	7.8	8	26.1	15.4
Q925400		4.77	<0.005	0.43	7.28	26.2	1420	1.55	0.12	1.88	2.40	48.4	5.7	8	31.1	10.7
Q925401		6.63	0.344	26.2	6.14	2610	420	1.61	0.25	1.77	121.0	40.1	9.4	7	14.45	61.0
Q925402		4.68	<0.005	0.30	0.07	28.8	20	0.08	0.02	20.4	1.62	1.94	2.0	<1	0.46	2.9
Q925403		4.00	0.010	0.42	6.45	33.5	2390	1.53	0.22	3.35	2.43	37.8	9.7	8	13.20	9.5
Q925404		5.25	0.023	0.22	7.08	27.0	2360	1.79	0.29	3.03	0.32	41.8	17.3	8	16.60	3.1
Q925405		6.01	<0.005	0.15	6.78	17.8	4410	1.54	0.15	2.87	0.16	43.8	6.6	8	15.05	5.0
Q925406		3.85	0.020	0.42	6.91	45.1	2730	1.28	0.36	3.09	0.26	50.3	9.1	7	21.3	15.0
Q925407		1.63	1.040	66.5	4.80	1455	80	0.99	0.51	6.48	13.60	26.3	11.9	3	11.60	75.8
Q925408		11.27	0.043	1.03	7.00	66.3	3260	1.30	0.52	2.88	0.27	48.4	6.6	8	20.8	14.9
Q925409		5.69	0.007	0.13	7.36	16.7	2460	1.29	0.23	2.37	0.10	49.8	4.8	9	18.50	5.2
Q925410		2.51	0.024	0.43	7.28	18.7	2460	1.34	0.35	2.38	0.16	49.0	5.1	9	18.75	7.4
Q925411		5.53	2.00	17.35	6.89	2420	600	1.26	0.40	2.46	7.55	48.6	6.7	7	19.00	14.8
Q925412		7.06	0.010	0.28	7.08	27.9	2270	1.27	0.54	2.54	0.30	43.7	8.5	8	13.75	6.0
Q925413		10.04	0.008	0.22	6.83	26.4	2640	1.28	0.34	2.62	0.14	43.5	6.5	8	16.40	12.1
Q925414		0.23	0.353	4.82	6.93	741	370	1.21	3.72	2.11	11.35	51.1	12.3	24	14.15	318
Q925415		9.22	0.126	2.48	6.89	227	1520	1.24	0.33	2.55	0.78	46.0	5.7	9	18.35	11.4
Q925416		4.98	0.020	0.14	7.04	9.3	1830	1.23	0.30	3.47	0.06	47.9	4.8	8	14.55	15.6
Q925417		4.43	0.007	0.09	7.16	7.2	2200	1.27	0.16	2.62	0.10	39.5	5.2	8	12.15	5.9
Q925418		11.12	0.006	0.29	7.97	31.1	2330	1.42	0.27	2.55	0.32	50.6	3.9	11	9.79	3.1
Q925419		9.35	0.013	0.26	6.91	32.1	1910	1.31	0.31	2.72	0.19	42.6	3.2	9	9.86	3.3
Q925420		7.74	0.014	0.54	7.38	39.9	1670	1.34	1.52	2.79	0.07	47.7	3.1	9	14.90	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105967

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925385		2.81	16.15	0.11	1.4	0.065	2.85	18.7	97.4	0.75	836	1.08	0.79	8.8	2.3	600
Q925386		2.75	16.65	0.14	1.4	0.045	2.67	20.5	231	0.75	926	0.75	0.12	9.0	2.2	590
Q925387		3.22	13.95	0.16	1.0	0.072	2.08	24.0	124.0	1.70	4300	1.25	0.02	6.7	1.9	430
Q925388		3.86	10.65	0.13	0.8	0.034	1.42	18.7	151.0	2.59	3250	4.47	0.02	5.3	1.7	330
Q925389		0.46	0.50	<0.05	<0.1	<0.005	0.03	0.9	4.3	12.70	212	0.17	<0.01	0.4	<0.2	170
Q925390		2.75	17.95	0.12	1.2	0.046	2.45	16.2	291	0.88	1040	0.64	0.05	8.6	2.0	580
Q925391		3.04	18.00	0.16	1.3	0.060	2.67	21.1	104.0	0.80	1220	0.58	0.15	8.9	2.6	590
Q925392		3.17	18.35	0.15	1.3	0.080	2.86	22.5	101.0	0.87	1260	0.60	0.16	9.1	2.6	600
Q925393		3.14	18.00	0.14	1.4	0.059	2.10	22.8	165.5	0.76	873	0.52	0.03	9.0	3.0	610
Q925394		2.75	17.15	0.10	1.5	0.042	2.08	19.0	209	0.85	741	0.54	0.14	9.0	2.2	590
Q925395		2.98	16.85	0.15	1.4	0.043	2.61	22.2	19.1	0.67	491	0.70	2.14	8.8	2.8	570
Q925396		8.79	14.30	0.25	0.9	1.695	2.55	17.0	17.1	0.65	2290	18.00	0.06	5.3	14.9	430
Q925397		2.80	17.20	0.11	1.5	0.053	2.29	16.8	85.6	0.67	669	0.65	0.76	9.0	2.6	570
Q925398		3.51	19.05	0.16	1.3	0.054	2.49	20.5	58.3	0.94	1010	0.68	0.40	8.1	3.5	530
Q925399		4.28	20.1	0.18	1.3	0.080	2.80	20.3	42.6	1.06	2210	0.69	0.07	9.2	2.9	590
Q925400		3.03	18.30	0.14	1.4	0.057	2.72	21.7	100.0	0.69	2010	0.44	0.43	10.1	3.2	660
Q925401		5.04	16.80	0.19	0.9	0.088	2.93	19.2	23.7	0.92	6760	0.29	0.04	6.9	2.9	520
Q925402		0.49	0.59	<0.05	<0.1	0.006	0.03	0.9	1.5	12.95	224	0.10	<0.01	0.4	<0.2	170
Q925403		3.31	16.75	0.14	0.9	0.073	2.50	17.6	23.7	1.07	1430	0.27	1.12	7.7	2.9	530
Q925404		3.69	17.45	0.15	1.1	0.107	2.88	19.5	167.5	1.06	958	0.25	0.50	8.3	2.9	600
Q925405		2.75	17.25	0.15	1.1	0.070	2.36	21.1	411	0.99	786	0.50	0.03	9.2	2.4	630
Q925406		3.06	14.80	0.14	0.9	0.069	2.65	27.9	179.0	1.12	1160	1.53	0.04	7.3	2.9	610
Q925407		6.07	12.15	0.13	1.1	0.104	2.22	12.8	17.5	1.93	7320	13.20	0.03	3.2	3.0	630
Q925408		2.81	14.85	0.15	1.1	0.062	3.13	25.6	37.2	0.92	1380	1.74	0.75	7.2	2.6	570
Q925409		2.74	15.60	0.16	1.1	0.057	3.47	26.2	19.6	0.74	797	0.45	1.21	7.7	2.2	590
Q925410		2.78	15.30	0.14	1.1	0.053	3.43	25.8	15.5	0.74	805	0.49	1.19	7.6	2.4	570
Q925411		3.20	14.65	0.14	1.0	0.074	2.93	26.3	27.6	0.79	2260	0.61	0.03	6.9	2.3	520
Q925412		2.79	14.95	0.14	1.1	0.050	3.07	22.5	12.6	0.69	881	0.81	1.40	7.3	2.5	570
Q925413		2.64	15.10	0.15	1.1	0.042	3.16	22.7	21.3	0.63	996	0.68	0.90	7.4	2.4	570
Q925414		5.18	15.40	0.15	1.1	0.315	3.10	28.6	25.7	0.80	1870	14.20	0.16	6.2	14.6	540
Q925415		3.18	14.85	0.13	1.1	0.088	3.32	23.1	23.2	0.65	1350	0.85	0.48	7.5	3.4	570
Q925416		3.09	15.15	0.15	1.1	0.107	2.92	25.1	12.3	0.84	971	0.53	1.31	7.5	2.4	570
Q925417		2.73	16.60	0.12	1.3	0.046	2.83	18.9	26.1	0.42	569	0.62	1.13	8.5	2.2	600
Q925418		3.39	16.45	0.15	1.1	0.171	2.89	26.6	11.6	0.68	867	1.08	2.11	8.0	3.0	620
Q925419		3.58	16.55	0.12	1.0	0.221	2.45	20.8	19.3	0.36	1420	0.62	0.89	6.9	2.7	540
Q925420		3.33	15.90	0.14	1.2	0.128	2.47	24.3	20.8	0.59	951	1.32	0.80	7.8	2.2	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105967

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925385		40.0	97.4	<0.002	0.21	12.40	10.4	<1	2.2	206	0.74	0.07	10.2	0.252	2.23	3.3
Q925386		14.1	83.9	<0.002	0.18	18.65	10.9	<1	2.3	210	0.76	<0.05	10.4	0.252	2.03	3.3
Q925387		>10000	109.0	<0.002	0.84	161.0	9.5	1	3.0	203	0.54	<0.05	9.9	0.185	2.35	4.7
Q925388		221	78.1	<0.002	1.04	25.7	7.2	<1	2.5	277	0.43	<0.05	8.1	0.145	1.52	7.2
Q925389		20.9	2.4	<0.002	<0.01	0.52	0.4	1	<0.2	49.4	<0.05	<0.05	0.2	<0.005	0.03	1.0
Q925390		272	73.7	<0.002	0.40	21.2	10.4	<1	2.9	199.0	0.71	<0.05	10.9	0.246	2.47	2.5
Q925391		238	97.8	<0.002	0.36	22.3	11.8	<1	3.0	189.5	0.73	0.05	11.9	0.253	2.45	4.0
Q925392		284	100.0	<0.002	0.42	23.3	11.9	<1	3.2	197.0	0.75	0.07	12.4	0.262	2.47	4.1
Q925393		341	70.0	<0.002	0.82	31.2	11.6	<1	4.2	208	0.77	0.08	12.9	0.261	2.16	7.0
Q925394		24.1	56.1	<0.002	0.22	15.65	10.4	<1	2.2	231	0.80	<0.05	11.5	0.250	1.77	3.8
Q925395		21.9	90.0	<0.002	0.02	4.46	10.5	<1	3.1	372	0.75	0.08	12.2	0.247	1.16	3.3
Q925396		1625	134.0	0.003	7.59	102.5	9.3	2	11.8	63.3	0.44	0.79	8.5	0.160	2.13	4.9
Q925397		36.1	66.5	<0.002	0.15	15.00	10.6	<1	2.3	270	0.74	0.16	10.1	0.252	1.54	4.3
Q925398		17.5	97.7	<0.002	0.58	17.35	9.9	<1	2.6	258	0.69	0.26	10.1	0.227	2.95	5.2
Q925399		704	89.5	<0.002	0.99	18.70	10.6	<1	3.4	184.5	0.79	0.07	10.3	0.257	2.89	6.4
Q925400		82.7	99.2	<0.002	0.31	14.70	13.2	<1	4.5	174.0	0.77	<0.05	11.0	0.295	2.76	3.1
Q925401		4060	123.0	<0.002	2.19	51.4	10.1	1	8.9	64.3	0.51	0.12	7.7	0.205	2.58	3.0
Q925402		48.3	3.0	<0.002	0.01	0.71	0.5	<1	0.2	45.2	<0.05	<0.05	0.2	<0.005	0.04	0.5
Q925403		71.6	95.3	<0.002	0.49	7.49	10.1	<1	3.1	146.0	0.59	0.08	7.9	0.230	1.86	3.1
Q925404		16.4	98.4	<0.002	0.68	7.55	12.1	<1	2.2	130.5	0.64	0.13	9.3	0.243	2.27	3.4
Q925405		10.8	73.7	<0.002	0.39	12.35	11.8	<1	2.6	157.0	0.67	<0.05	9.1	0.268	1.91	4.0
Q925406		17.7	124.0	<0.002	0.49	15.85	10.3	1	2.0	156.5	0.54	<0.05	10.8	0.246	1.96	4.4
Q925407		1530	129.0	<0.002	4.18	111.5	7.9	1	3.5	127.5	0.19	0.09	2.5	0.231	1.86	6.3
Q925408		18.5	138.0	<0.002	0.62	18.45	9.6	1	1.9	210	0.61	0.22	11.8	0.246	2.09	4.4
Q925409		13.9	144.0	<0.002	0.17	9.28	9.9	1	1.8	270	0.61	<0.05	12.4	0.254	1.82	3.9
Q925410		17.9	145.5	<0.002	0.20	9.66	9.8	1	2.0	269	0.63	0.12	12.2	0.248	1.90	3.9
Q925411		264	155.0	<0.002	2.05	47.1	9.1	1	5.2	127.0	0.55	0.07	11.8	0.225	2.41	4.3
Q925412		23.6	124.5	<0.002	0.36	8.81	9.5	1	2.3	259	0.60	0.16	11.6	0.233	1.70	4.0
Q925413		14.5	133.5	<0.002	0.35	12.15	9.4	1	2.0	232	0.61	0.08	11.5	0.242	2.00	4.7
Q925414		491	167.0	0.003	2.80	28.6	9.4	1	5.6	112.5	0.50	0.34	11.6	0.216	2.50	5.3
Q925415		48.3	141.0	<0.002	1.66	16.65	9.3	1	2.4	190.5	0.62	0.05	11.5	0.250	2.21	4.6
Q925416		12.4	135.0	<0.002	0.06	7.04	9.6	1	1.9	216	0.62	<0.05	11.9	0.242	1.78	4.6
Q925417		16.0	96.6	<0.002	0.02	9.06	10.0	1	2.0	218	0.70	<0.05	11.0	0.272	1.19	3.7
Q925418		16.6	123.0	<0.002	0.06	3.53	10.5	1	2.9	284	0.63	0.05	13.3	0.270	1.53	3.6
Q925419		15.2	107.5	<0.002	0.19	11.55	9.3	1	3.0	83.9	0.58	<0.05	10.4	0.234	1.92	3.6
Q925420		9.4	106.0	<0.002	0.29	11.85	10.2	1	2.6	123.5	0.67	0.79	11.8	0.268	1.75	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105967

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
Q925385		67	1.7	14.4	82	36.5		
Q925386		69	2.7	15.9	58	38.0		
Q925387		51	5.4	14.5	3720	26.4	154	1.850
Q925388		41	3.5	13.6	327	21.1		
Q925389		2	0.2	1.0	19	<0.5		
Q925390		65	2.6	15.5	979	33.3		
Q925391		71	3.4	16.6	656	35.6		
Q925392		73	3.5	16.5	666	35.5		
Q925393		72	3.0	15.6	612	35.1		
Q925394		68	2.5	15.0	64	38.7		
Q925395		67	1.2	15.9	50	38.2		
Q925396		56	8.0	9.5	3260	25.8		
Q925397		69	2.1	14.4	62	38.6		
Q925398		67	2.3	15.7	74	34.9		
Q925399		78	3.2	15.9	1500	35.0		
Q925400		79	2.3	15.7	173	35.7		
Q925401		61	2.6	10.9	7190	22.7		
Q925402		2	0.1	1.0	26	<0.5		
Q925403		63	1.9	14.0	188	23.8		
Q925404		73	2.1	15.6	75	27.4		
Q925405		71	2.8	14.5	56	29.2		
Q925406		65	1.6	15.1	60	24.9		
Q925407		79	2.7	15.5	1160	44.2		
Q925408		65	1.7	15.2	54	29.8		
Q925409		66	1.3	16.0	36	30.4		
Q925410		65	1.4	15.7	38	30.0		
Q925411		59	4.2	14.3	725	27.9		
Q925412		66	1.6	15.1	60	29.9		
Q925413		63	1.4	14.5	40	30.0		
Q925414		68	5.5	12.8	888	31.0		
Q925415		65	5.2	14.2	95	30.7		
Q925416		64	1.5	16.3	45	30.5		
Q925417		69	2.3	15.9	36	35.1		
Q925418		71	2.2	16.9	78	33.0		
Q925419		68	2.5	12.8	66	29.1		
Q925420		69	2.5	14.3	45	32.7		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14105967

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
Pb-OG62	PUL-31	PUL-31d	PUL-QC

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

CERTIFICATE WH14107833

Project: KLAZA

P.O. No.: BATCH 58

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31d	Pulverize Split - duplicate

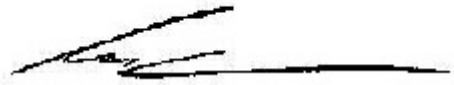
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107833

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925102		4.99	<0.005	0.11	6.49	12.0	1870	1.47	0.21	5.25	0.15	45.8	9.1	10	19.40	27.8
Q925103		14.67	<0.005	0.07	7.10	5.2	2070	1.66	0.11	3.22	0.10	44.3	8.3	11	18.05	11.4
Q925104		8.22	0.008	0.19	7.22	129.0	1800	1.66	0.15	3.11	0.30	51.5	9.2	13	25.3	14.5
Q925105		7.26	<0.005	0.09	7.03	8.6	1990	1.55	0.15	2.79	0.14	39.1	7.5	12	16.80	14.7
Q925106		3.41	0.005	0.40	6.46	28.5	1550	1.67	0.31	2.38	1.00	39.8	8.5	12	17.95	6.0
Q925107		10.09	<0.005	0.07	7.12	12.6	2510	1.10	0.16	1.54	0.16	28.0	6.6	13	13.25	5.0
Q925108		4.34	<0.005	0.07	7.21	13.8	2800	1.19	0.19	1.77	0.23	37.1	7.4	11	13.80	5.5
Q925109		5.47	<0.005	0.06	7.47	6.4	2200	1.73	0.14	2.69	0.14	46.0	7.8	17	13.00	7.7
Q925110		2.21	<0.005	0.23	7.40	50.6	1520	1.48	0.17	2.55	0.56	42.1	10.6	11	35.4	17.9
Q925111		9.62	<0.005	0.08	7.28	5.5	2180	1.64	0.17	2.72	0.11	41.5	7.7	17	14.00	17.3
Q925112		10.40	<0.005	0.08	7.56	6.0	2020	1.86	0.21	2.84	0.09	49.0	7.9	15	16.80	15.8
Q925113		0.24	0.360	5.62	6.69	713	1110	1.57	3.91	2.00	11.25	50.7	13.0	25	13.95	301
Q925114		11.04	<0.005	0.06	7.07	10.3	1960	1.39	0.15	2.60	0.23	40.1	6.4	13	16.70	10.2
Q925115		4.31	<0.005	0.24	7.21	16.6	1780	1.57	0.25	2.65	0.56	45.0	9.4	14	20.1	10.4
Q925116		6.59	<0.005	0.10	7.01	10.6	2200	1.64	0.31	2.45	0.08	40.1	10.1	15	11.25	10.1
Q925117		2.25	0.020	1.19	7.38	65.4	1260	1.64	0.22	2.94	3.52	52.2	9.5	11	23.4	14.6
Q925118		3.94	<0.005	0.11	6.94	5.9	2100	1.71	0.21	2.60	0.15	37.7	7.4	15	18.55	12.8
Q925119		7.41	<0.005	0.17	6.68	14.1	2290	1.36	0.46	3.05	0.09	37.4	8.6	15	13.75	33.1
Q925120		5.06	0.007	0.47	6.65	37.6	1810	1.55	0.16	2.97	0.28	38.6	7.0	15	20.4	11.2
Q925121		<0.02	0.008	0.48	6.87	33.6	1770	1.65	0.15	2.97	0.29	41.8	6.9	19	21.0	11.0
Q925122		9.45	<0.005	0.05	7.16	4.5	2240	1.61	0.16	2.64	0.08	40.5	7.7	18	7.70	8.6
Q925123		8.57	<0.005	0.08	7.23	4.7	2240	1.61	0.21	2.66	0.08	44.5	7.4	19	10.65	6.5
Q925124		8.40	<0.005	0.17	7.66	7.3	2310	1.64	0.22	1.71	0.15	42.2	8.2	17	13.00	39.5
Q925125		10.68	0.005	0.23	6.99	88.5	1290	1.60	0.17	2.72	0.50	42.6	7.1	13	19.60	10.8
Q925126		2.10	0.005	0.20	7.36	36.9	2470	1.27	0.52	1.46	0.29	35.8	9.3	12	13.90	40.8
Q925127		0.25	1.680	36.4	5.50	2450	720	1.21	28.7	1.59	44.0	30.9	16.2	21	9.41	1125
Q925128		11.07	0.026	2.30	6.75	124.5	2270	1.51	7.17	2.40	3.11	44.1	16.1	16	15.40	178.5
Q925129		4.32	0.079	8.14	5.75	237	1150	1.36	38.0	1.40	1.92	33.3	42.5	17	7.97	1800
Q925130		6.15	<0.005	0.03	0.08	1.2	40	0.05	0.05	21.7	0.09	1.33	0.9	<1	0.21	5.1
Q925131		6.37	0.006	0.54	6.90	29.3	2090	1.41	1.31	2.55	0.38	48.7	14.9	14	16.60	16.4
Q925132		4.13	<0.005	0.08	7.17	6.7	1940	1.52	0.11	2.31	0.14	44.4	7.5	12	16.10	10.5
Q925133		5.79	<0.005	0.54	7.16	44.1	1490	1.36	0.28	2.52	0.74	44.0	9.1	13	14.65	66.3
Q925134		4.99	<0.005	0.01	0.05	0.9	10	0.05	<0.01	19.90	0.07	1.10	0.8	<1	0.15	2.7
Q925135		3.83	0.005	0.36	7.79	23.0	1280	1.42	0.71	2.08	0.46	48.9	10.7	13	21.0	14.3
Q925136		4.74	0.451	10.25	6.77	183.0	2440	1.54	22.1	2.74	5.59	48.7	12.5	16	17.40	236
Q925137		7.51	0.096	0.20	7.13	19.7	2970	1.31	0.43	2.03	0.36	42.1	8.9	14	14.05	8.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107833

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925102		2.72	15.35	0.19	1.3	0.037	2.67	23.9	37.2	0.65	913	1.11	0.73	7.5	2.6	560
Q925103		3.03	16.40	0.22	1.4	0.038	2.58	22.6	16.1	0.69	687	1.86	1.69	8.2	2.9	590
Q925104		3.01	16.35	0.22	1.4	0.052	2.74	27.2	38.7	0.75	1440	1.92	0.31	7.9	2.9	570
Q925105		3.02	16.55	0.20	1.3	0.038	2.80	19.1	30.5	0.70	705	1.50	1.21	8.3	2.8	590
Q925106		2.86	16.50	0.18	1.3	0.064	2.79	19.3	68.9	0.62	1340	1.87	0.10	8.4	2.7	570
Q925107		2.98	15.05	0.14	1.1	0.037	2.76	13.1	32.7	0.44	786	1.53	0.12	7.2	2.4	580
Q925108		3.09	16.50	0.16	1.3	0.048	2.76	18.2	36.5	0.56	851	1.35	0.14	7.9	2.6	600
Q925109		3.23	16.85	0.16	1.3	0.089	2.91	23.0	12.1	0.78	1000	1.80	2.07	8.2	3.0	580
Q925110		4.10	15.85	0.18	1.2	0.139	2.71	21.9	22.3	0.85	3000	2.68	0.43	6.9	2.6	650
Q925111		3.03	16.50	0.15	1.4	0.039	2.72	20.4	15.5	0.75	640	1.84	2.27	8.1	2.9	590
Q925112		3.15	16.70	0.21	1.4	0.045	2.83	24.6	13.4	0.82	729	1.66	1.99	8.6	2.6	590
Q925113		4.90	16.10	0.16	1.1	0.311	2.98	28.7	27.5	0.77	1830	16.00	0.15	6.5	14.9	520
Q925114		2.88	15.40	0.15	1.2	0.047	2.46	19.8	67.1	0.76	874	1.57	0.14	7.8	2.3	610
Q925115		3.35	15.95	0.17	1.1	0.080	2.79	23.0	45.8	0.98	2350	44.7	0.39	7.4	3.1	620
Q925116		3.02	15.60	0.18	1.1	0.064	2.81	19.8	11.2	0.71	688	2.76	1.84	7.6	3.3	610
Q925117		4.00	16.15	0.18	1.2	0.172	3.16	27.2	45.5	0.88	4840	1.90	0.22	8.1	2.8	690
Q925118		3.04	15.65	0.16	1.1	0.040	2.76	18.5	12.2	0.64	685	1.81	1.73	7.6	2.7	610
Q925119		3.10	15.35	0.19	1.1	0.058	2.84	18.2	16.0	0.75	821	1.59	1.26	7.5	2.9	600
Q925120		2.91	15.15	0.19	1.2	0.046	3.14	18.7	33.4	0.84	1610	2.40	0.62	7.9	2.8	600
Q925121		2.95	15.25	0.19	1.2	0.052	3.19	20.9	33.4	0.86	1600	2.05	0.62	7.7	3.0	600
Q925122		2.96	15.70	0.20	1.2	0.038	2.68	19.8	13.0	0.84	664	1.66	2.18	7.9	2.8	620
Q925123		2.99	15.10	0.22	1.2	0.046	2.63	22.6	11.3	0.83	693	2.30	2.07	7.8	2.8	590
Q925124		3.23	17.40	0.17	1.4	0.061	3.06	20.4	32.7	0.75	639	2.97	0.62	8.8	3.1	660
Q925125		2.76	14.65	0.15	1.2	0.049	2.94	21.9	50.4	0.87	1310	1.73	0.07	7.6	2.9	590
Q925126		2.66	15.40	0.13	1.2	0.101	3.17	17.4	64.2	0.61	813	1.49	0.13	8.0	2.7	630
Q925127		8.59	12.75	0.11	0.8	1.470	2.56	15.2	16.6	0.65	2210	15.55	0.06	4.5	14.1	440
Q925128		5.16	13.70	0.15	1.0	0.237	3.19	23.6	31.8	1.09	2420	4.09	0.05	6.7	3.1	540
Q925129		8.33	15.85	0.13	0.9	1.040	2.03	17.2	100.5	1.06	2250	13.05	0.02	5.6	2.9	430
Q925130		0.52	0.26	0.21	<0.1	<0.005	0.03	0.6	1.5	13.70	236	0.27	0.01	0.1	1.9	200
Q925131		3.67	13.75	0.17	1.1	0.134	3.00	27.0	28.7	1.13	1680	3.14	0.03	7.0	2.6	540
Q925132		3.01	15.95	0.18	1.2	0.046	2.76	21.2	19.7	0.70	577	1.95	1.26	8.6	2.8	660
Q925133		3.17	15.15	0.17	1.1	0.059	2.69	22.3	29.5	0.84	1220	1.85	0.07	7.5	2.9	610
Q925134		0.47	0.19	0.26	<0.1	0.005	0.02	0.5	1.1	12.65	208	0.09	<0.01	0.1	1.7	180
Q925135		3.31	16.55	0.22	1.2	0.056	3.00	25.4	36.1	0.80	1300	1.94	0.07	8.2	2.9	650
Q925136		3.94	13.95	0.18	1.0	0.205	3.16	26.2	24.8	1.06	2980	2.61	0.04	7.0	3.4	590
Q925137		3.26	15.00	0.18	1.3	0.070	3.74	21.0	21.4	0.68	1240	1.90	0.48	8.2	2.6	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107833

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925102		20.5	109.0	0.003	0.06	6.36	9.8	1	1.8	269	0.62	<0.05	11.4	0.239	1.47	3.1
Q925103		20.2	109.0	0.002	0.02	3.77	10.9	1	1.8	322	0.69	<0.05	12.2	0.258	1.15	2.9
Q925104		25.5	133.5	0.002	0.17	8.65	11.1	1	1.9	134.0	0.67	<0.05	13.6	0.250	2.14	4.8
Q925105		19.3	102.5	0.002	0.04	4.79	10.4	1	1.8	266	0.67	<0.05	10.9	0.275	1.37	2.8
Q925106		74.1	108.5	<0.002	0.33	12.75	10.6	1	1.8	152.5	0.67	<0.05	10.8	0.254	1.91	4.2
Q925107		14.5	94.2	<0.002	0.07	10.25	9.2	1	1.6	86.6	0.57	<0.05	8.7	0.257	1.37	2.7
Q925108		16.0	106.0	<0.002	0.09	11.85	10.6	1	1.8	99.6	0.66	<0.05	10.9	0.270	1.57	3.2
Q925109		19.3	115.0	<0.002	0.04	2.30	10.9	1	2.0	368	0.67	<0.05	12.6	0.268	1.30	3.0
Q925110		66.5	139.5	<0.002	0.17	16.10	15.1	1	2.6	153.0	0.56	<0.05	10.4	0.313	1.78	4.4
Q925111		16.8	100.5	<0.002	0.03	2.32	10.4	1	1.8	398	0.63	<0.05	10.8	0.266	1.12	3.4
Q925112		17.8	120.0	<0.002	0.04	1.79	11.6	2	1.8	352	0.77	<0.05	14.1	0.271	1.23	4.4
Q925113		474	175.0	0.005	2.67	25.2	9.7	1	5.7	111.5	0.50	0.34	11.9	0.200	2.65	5.3
Q925114		17.5	87.8	<0.002	0.09	11.90	10.3	1	1.8	136.5	0.62	<0.05	10.3	0.263	1.32	2.6
Q925115		56.7	116.5	0.003	0.18	7.73	10.6	1	1.7	149.5	0.57	<0.05	11.2	0.260	1.72	4.5
Q925116		16.0	109.5	<0.002	0.10	2.37	10.2	1	1.6	332	0.59	<0.05	10.6	0.257	1.37	3.3
Q925117		268	173.5	<0.002	0.86	9.75	13.6	1	2.4	121.5	0.60	<0.05	12.4	0.307	2.56	6.1
Q925118		18.2	103.5	<0.002	0.06	3.73	10.1	1	1.5	329	0.57	<0.05	10.7	0.261	1.25	2.5
Q925119		18.5	97.9	<0.002	0.18	4.64	9.8	1	1.6	272	0.59	<0.05	10.0	0.262	1.41	4.0
Q925120		31.2	120.0	0.002	0.35	5.78	9.8	1	1.7	197.0	0.63	<0.05	10.4	0.259	2.28	4.1
Q925121		30.0	129.5	<0.002	0.33	5.78	9.9	1	1.7	197.0	0.61	<0.05	11.1	0.260	2.33	4.2
Q925122		15.7	92.8	<0.002	0.02	1.13	10.3	1	1.6	395	0.65	<0.05	10.8	0.265	1.04	3.7
Q925123		15.1	107.5	<0.002	0.04	1.86	10.5	1	1.7	359	0.62	<0.05	12.0	0.256	1.17	4.3
Q925124		17.7	110.0	<0.002	0.05	4.95	11.4	1	2.2	166.5	0.71	<0.05	12.5	0.292	1.46	4.1
Q925125		38.0	105.0	<0.002	0.21	7.90	10.3	1	1.6	136.5	0.60	<0.05	11.8	0.253	1.93	5.3
Q925126		20.4	108.0	<0.002	0.18	9.71	10.4	1	2.2	140.5	0.66	<0.05	11.3	0.264	1.70	5.1
Q925127		1600	133.0	0.004	7.59	93.3	7.8	1	9.9	60.3	0.36	0.65	8.0	0.161	2.15	5.2
Q925128		91.2	156.5	<0.002	1.30	34.3	9.8	1	2.5	88.4	0.55	<0.05	12.0	0.225	2.37	5.8
Q925129		82.5	112.5	<0.002	2.25	95.3	11.6	1	2.2	47.9	0.44	0.12	10.9	0.191	1.65	7.6
Q925130		2.3	1.6	<0.002	0.01	0.26	0.2	<1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q925131		20.0	161.5	<0.002	0.44	12.20	10.4	1	2.1	102.5	0.55	<0.05	13.3	0.226	2.36	5.5
Q925132		18.7	106.0	<0.002	0.05	6.72	12.1	1	1.8	255	0.66	<0.05	11.8	0.288	1.44	5.6
Q925133		34.9	99.3	<0.002	0.20	28.3	10.5	1	1.7	97.8	0.61	<0.05	12.2	0.253	1.57	7.0
Q925134		1.8	1.0	<0.002	0.01	0.06	0.2	<1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q925135		26.1	123.0	<0.002	0.20	10.75	11.9	1	1.9	91.8	0.63	<0.05	13.6	0.287	1.89	3.5
Q925136		370	166.5	<0.002	1.25	78.3	11.1	1	2.2	78.3	0.54	<0.05	12.1	0.250	2.72	4.8
Q925137		21.7	140.0	<0.002	0.17	6.69	10.4	1	2.0	146.0	0.71	<0.05	12.8	0.254	2.02	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107833

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925102		66	1.9	18.2	52	33.0
Q925103		73	1.2	16.8	55	36.2
Q925104		75	2.6	17.7	77	36.3
Q925105		75	3.3	15.1	60	34.2
Q925106		70	6.5	14.7	121	35.4
Q925107		75	5.4	10.9	67	29.6
Q925108		77	5.5	14.5	70	32.3
Q925109		74	2.2	15.2	55	33.9
Q925110		105	5.1	15.7	106	28.9
Q925111		74	2.3	14.5	53	33.7
Q925112		75	2.3	17.8	60	36.1
Q925113		65	5.8	12.2	870	31.3
Q925114		73	3.8	14.5	73	32.0
Q925115		74	3.5	16.5	112	29.3
Q925116		74	1.8	14.2	58	28.3
Q925117		97	4.7	17.4	398	28.7
Q925118		74	2.4	13.2	83	28.0
Q925119		75	2.3	13.5	63	28.8
Q925120		74	4.3	13.5	94	29.8
Q925121		74	4.2	14.0	92	29.7
Q925122		76	1.1	15.1	53	31.0
Q925123		75	1.6	15.3	61	30.6
Q925124		82	4.9	13.6	106	34.9
Q925125		70	5.1	14.8	107	29.5
Q925126		72	5.5	11.4	134	30.1
Q925127		54	6.6	8.5	3280	20.9
Q925128		65	7.6	12.4	359	25.7
Q925129		63	14.6	8.9	255	21.6
Q925130		2	0.1	0.9	17	<0.5
Q925131		66	5.4	13.3	117	26.4
Q925132		85	2.9	15.1	65	31.3
Q925133		72	4.8	14.7	138	27.4
Q925134		2	0.1	0.7	16	<0.5
Q925135		81	5.8	16.0	151	29.2
Q925136		75	6.0	15.1	425	25.2
Q925137		71	3.1	13.8	96	32.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107833

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

CERTIFICATE WH14107834

Project: KLAZA

P.O. No.: BATCH 59

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107834

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925457		5.80	6.01	72.7	5.86	7610	2360	1.31	0.72	1.27	113.0	38.5	4.1	9	14.20	170.0
Q925458		0.25	0.372	4.58	6.81	721	1050	1.45	3.05	2.04	11.35	50.1	12.7	24	13.85	308
Q925459		9.97	0.027	1.45	7.42	50.8	1840	1.66	0.26	2.13	3.18	48.7	4.8	12	15.70	8.3
Q925460		4.96	0.012	0.74	7.10	38.7	2140	1.53	0.38	2.34	0.58	48.8	6.5	10	13.90	6.1
Q925461		9.96	0.009	0.63	7.00	41.2	2250	1.54	0.33	2.35	0.30	44.6	5.7	9	12.70	6.4
Q925462		8.15	<0.005	0.33	7.56	19.2	2100	1.40	0.18	1.64	0.64	46.7	4.1	8	11.25	6.0
Q925463		9.31	0.201	4.82	7.29	1175	1490	1.52	0.38	1.70	22.8	46.5	4.6	9	15.30	19.4
Q925464		1.85	2.83	43.6	5.98	>10000	820	1.36	10.30	1.10	120.0	37.5	18.1	7	10.90	474
Q925465		11.47	0.173	1.79	7.42	545	2110	1.65	0.30	2.43	13.25	46.2	4.2	10	17.20	10.8
Q925466		10.36	0.070	0.32	7.43	183.0	1870	1.69	0.19	2.15	0.45	48.0	3.7	9	20.9	5.1
Q925467		1.53	6.57	>100	4.19	>10000	670	1.23	0.82	2.30	16.75	27.0	4.9	6	12.65	51.5
Q925468		5.52	<0.005	0.28	0.07	14.2	20	0.05	<0.01	20.7	0.10	1.20	0.7	1	0.18	2.9
Q925469		6.22	0.010	0.31	7.26	27.8	2020	1.41	0.41	2.48	0.15	44.0	5.1	8	27.0	10.0
Q925470		7.01	0.014	0.12	7.10	12.5	2280	1.41	0.22	2.13	0.12	38.3	5.8	8	25.1	19.0
Q925471		6.56	<0.005	0.20	7.18	13.3	1720	1.43	0.53	2.34	0.23	44.3	8.1	9	28.6	23.1
Q925472		<0.02	<0.005	0.19	7.16	13.2	1760	1.50	0.51	2.21	0.24	46.0	8.3	9	29.2	16.8
Q925473		3.08	0.008	0.26	6.98	10.0	1840	1.51	0.23	2.10	0.63	41.0	5.4	10	30.1	12.8
Q925474		4.36	0.175	2.10	6.66	248	2050	1.75	0.51	2.74	7.78	44.6	6.0	11	32.0	16.6
Q925475		0.24	1.690	37.7	5.69	2450	1410	1.14	30.2	1.61	45.0	35.1	16.7	21	9.98	1135
Q925476		8.40	0.006	0.15	7.21	14.2	2090	1.84	0.42	2.45	0.22	47.8	10.7	10	16.70	11.3
Q925477		5.10	<0.005	0.11	6.85	17.3	1910	1.57	0.14	2.70	0.16	40.4	4.6	9	20.8	5.7
Q925478		3.22	0.011	0.24	7.15	18.9	1950	1.54	0.47	2.51	0.17	42.9	6.0	10	12.80	17.0
Q925479		4.71	0.253	16.70	6.55	635	900	1.37	0.39	2.46	19.20	40.5	6.7	8	16.20	33.1
Q925480		2.03	3.37	>100	5.52	>10000	1050	1.49	0.49	3.14	71.1	44.0	5.8	13	15.55	92.6
Q925481		5.55	<0.005	0.03	0.05	3.3	90	0.06	0.07	20.9	0.10	0.98	0.7	1	0.11	2.5
Q925482		4.40	0.028	1.79	6.51	233	3000	1.36	0.28	2.82	3.21	37.8	5.4	7	16.30	7.0
Q925483		6.43	0.012	0.46	6.63	24.8	1260	1.69	0.48	2.05	1.65	34.6	5.9	8	18.15	26.2
Q925484		5.21	<0.005	0.07	6.83	8.8	2090	1.43	0.18	1.95	0.16	39.0	4.9	10	15.95	3.6
Q925485		2.61	0.007	0.08	7.80	8.6	1470	1.36	0.45	0.88	0.11	52.3	4.1	8	10.45	35.3
Q925486		3.02	0.015	0.44	7.05	47.7	960	1.39	0.65	1.78	0.25	43.7	8.7	8	19.05	76.7
Q925487		4.75	<0.005	0.10	7.66	15.3	720	1.38	0.38	1.44	0.11	49.0	3.6	10	19.70	4.2
Q925488		2.38	0.017	0.20	7.35	22.3	1440	1.45	0.28	3.02	0.29	31.5	8.7	6	18.25	2.6
Q925489		6.67	0.032	0.49	6.66	25.3	1380	1.40	0.35	2.20	1.92	42.2	6.0	7	16.35	29.4
Q925490		8.67	0.005	1.61	6.31	26.8	1680	1.34	0.31	2.80	8.83	39.0	6.7	7	18.60	11.9
Q925491		3.82	0.165	11.55	7.12	128.0	1690	1.34	1.07	1.67	5.67	46.1	11.8	8	10.75	19.7
Q925492		4.92	<0.005	0.22	6.19	7.9	2630	1.24	0.29	4.72	0.19	48.7	6.7	5	8.46	6.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107834

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925457		4.58	12.65	0.13	1.0	0.269	2.68	19.8	17.9	0.43	6230	11.55	0.02	5.7	2.6	420
Q925458		5.00	15.05	0.14	1.1	0.317	3.07	28.4	27.4	0.78	1860	14.65	0.15	6.1	14.7	520
Q925459		3.53	15.60	0.16	1.2	0.141	3.30	25.4	12.4	0.76	1800	1.17	1.07	7.6	2.6	580
Q925460		3.30	15.20	0.18	1.2	0.142	2.84	25.3	14.1	0.81	1500	0.63	1.40	7.5	2.5	550
Q925461		3.19	15.00	0.17	1.3	0.113	2.92	22.3	13.8	0.74	1300	0.57	1.43	7.4	2.4	560
Q925462		2.89	15.50	0.16	1.4	0.067	3.02	23.4	24.4	0.60	1330	0.70	0.84	8.1	2.3	580
Q925463		3.29	15.50	0.15	1.4	0.124	3.47	23.6	21.9	0.52	3890	1.26	0.25	7.8	2.5	560
Q925464		6.68	12.75	0.12	1.0	1.430	2.97	19.1	12.2	0.47	2120	7.40	0.03	6.1	2.9	430
Q925465		2.95	15.30	0.17	1.3	0.132	3.22	23.6	17.5	0.68	1880	1.80	1.30	7.7	2.4	550
Q925466		2.85	15.30	0.17	1.3	0.070	3.08	25.3	29.4	0.70	1320	0.84	1.18	7.5	2.2	530
Q925467		5.81	8.95	0.11	0.7	0.176	1.74	13.3	32.8	0.70	8850	46.3	0.02	3.9	3.7	290
Q925468		0.47	0.27	0.22	<0.1	0.005	0.03	0.6	1.3	13.15	213	0.24	0.01	0.2	1.6	200
Q925469		2.99	15.75	0.22	1.4	0.082	2.56	21.7	31.2	0.68	882	0.86	0.74	8.3	2.8	580
Q925470		2.67	16.00	0.20	1.6	0.045	2.80	18.6	65.2	0.59	630	1.45	0.12	8.4	3.2	600
Q925471		2.69	15.75	0.17	1.6	0.044	2.74	22.0	46.9	0.82	732	1.32	0.08	8.2	5.2	630
Q925472		2.63	16.05	0.17	1.6	0.055	2.67	22.8	48.4	0.77	717	1.44	0.08	8.5	5.5	630
Q925473		2.34	15.25	0.17	1.3	0.056	3.31	19.9	41.2	0.75	970	0.72	0.90	7.7	4.9	570
Q925474		2.80	15.00	0.17	1.5	0.057	3.12	22.9	22.1	1.04	2900	1.64	0.04	7.5	4.1	530
Q925475		8.73	13.30	0.11	0.8	1.540	2.63	17.8	16.3	0.67	2240	16.20	0.06	4.6	14.5	440
Q925476		2.85	15.95	0.17	1.6	0.058	2.87	23.6	19.1	0.64	650	1.98	2.05	8.6	2.8	590
Q925477		2.58	15.15	0.19	1.2	0.041	2.85	20.0	34.3	0.68	664	0.74	1.25	7.7	2.1	560
Q925478		2.85	14.65	0.18	1.1	0.062	3.35	21.6	13.7	0.69	934	0.64	1.56	7.4	2.1	570
Q925479		3.83	13.95	0.13	0.9	0.198	3.16	21.7	31.8	0.89	1890	3.21	0.05	6.4	2.6	520
Q925480		4.95	14.00	0.06	2.4	0.142	2.02	23.5	31.8	0.93	7320	2.67	0.02	8.0	16.8	760
Q925481		0.50	0.20	0.25	<0.1	<0.005	0.02	0.5	1.1	13.40	215	0.17	<0.01	0.1	1.7	200
Q925482		2.83	15.15	0.05	1.2	0.105	2.74	21.1	39.8	0.95	3120	1.45	0.19	7.7	1.3	530
Q925483		3.97	15.10	0.06	1.2	0.062	2.66	17.5	22.1	0.79	2580	1.15	1.14	7.7	1.1	560
Q925484		2.68	16.05	0.06	1.3	0.047	2.60	20.7	28.8	0.57	528	0.95	1.91	8.3	1.7	540
Q925485		4.62	16.75	0.10	1.3	0.070	1.87	30.2	14.9	0.41	764	0.42	2.65	9.0	2.1	650
Q925486		3.56	15.30	0.07	1.4	0.103	1.98	23.3	118.5	0.78	1040	0.64	0.30	8.4	1.8	560
Q925487		3.46	16.40	0.08	1.4	0.065	1.68	27.1	65.2	0.58	673	0.84	0.37	8.8	1.4	610
Q925488		5.52	18.10	0.10	2.0	0.112	2.89	15.9	41.4	1.50	2110	4.01	0.03	5.8	2.1	1080
Q925489		2.85	15.50	0.07	1.4	0.075	2.52	21.4	50.2	0.76	1110	2.08	0.04	8.3	1.9	580
Q925490		2.59	14.70	0.07	1.3	0.058	2.26	19.5	52.3	0.87	1400	1.89	0.02	8.0	1.6	550
Q925491		3.89	15.15	0.14	1.3	0.099	3.76	24.5	18.5	0.66	1800	1.82	0.41	8.1	2.0	570
Q925492		2.76	13.00	0.06	1.0	0.070	1.78	28.6	33.2	1.13	1220	1.47	0.71	6.9	0.8	490

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107834

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925457		5410	142.5	<0.002	4.58	146.5	8.0	1	5.4	77.7	0.46	<0.05	9.7	0.183	2.55	4.2
Q925458		493	166.5	0.005	2.72	26.0	9.5	1	5.5	111.5	0.48	0.31	11.8	0.211	2.59	5.5
Q925459		244	137.5	<0.002	0.64	7.21	10.4	1	2.6	227	0.61	<0.05	13.1	0.245	2.33	5.5
Q925460		45.6	117.0	<0.002	0.20	3.87	10.0	1	2.3	246	0.61	0.05	12.5	0.236	1.68	4.6
Q925461		50.6	109.5	<0.002	0.21	3.81	9.4	1	2.2	257	0.61	<0.05	11.5	0.236	1.72	3.8
Q925462		64.9	114.0	<0.002	0.11	4.56	10.2	1	2.4	172.0	0.69	<0.05	13.5	0.248	1.64	4.0
Q925463		799	144.5	<0.002	0.99	16.40	9.8	1	3.7	115.5	0.69	<0.05	13.8	0.234	2.62	4.7
Q925464		8420	158.0	<0.002	6.01	154.0	8.0	1	5.6	56.0	0.50	0.73	11.2	0.186	2.60	6.1
Q925465		220	128.5	<0.002	0.70	12.10	9.7	1	2.9	275	0.64	<0.05	13.0	0.246	2.14	4.4
Q925466		42.8	127.0	<0.002	0.23	8.80	9.8	1	2.0	252	0.62	<0.05	13.7	0.237	2.10	5.1
Q925467		5030	90.8	0.002	4.12	161.5	5.6	1	4.9	103.5	0.30	<0.05	7.8	0.129	1.82	16.0
Q925468		8.5	1.4	<0.002	0.01	0.33	0.2	<1	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q925469		24.2	102.0	<0.002	0.16	8.30	10.0	1	2.9	215	0.72	<0.05	12.4	0.257	2.06	7.0
Q925470		18.2	92.4	<0.002	0.08	12.65	9.5	1	3.8	265	0.74	<0.05	11.2	0.254	1.56	3.5
Q925471		23.0	88.9	<0.002	0.09	10.75	9.7	1	2.6	277	0.69	<0.05	11.8	0.264	1.53	3.9
Q925472		22.5	92.9	<0.002	0.09	11.15	10.0	1	2.6	261	0.71	<0.05	12.0	0.263	1.57	3.9
Q925473		31.6	133.5	<0.002	0.03	8.74	9.3	1	2.5	296	0.65	<0.05	11.5	0.242	2.25	2.7
Q925474		328	135.5	<0.002	0.48	16.10	8.8	1	2.6	277	0.61	<0.05	11.0	0.228	2.87	4.4
Q925475		1600	143.5	0.002	7.67	94.8	8.3	1	10.1	63.5	0.37	0.64	8.7	0.170	2.26	5.5
Q925476		22.7	117.0	<0.002	0.10	2.39	10.5	1	2.2	371	0.75	<0.05	13.1	0.248	1.41	4.7
Q925477		19.9	105.0	<0.002	0.07	4.93	9.5	1	2.1	285	0.62	<0.05	11.5	0.249	1.61	3.0
Q925478		17.0	133.0	<0.002	0.15	4.13	9.2	1	2.0	275	0.60	0.20	11.7	0.241	1.87	4.0
Q925479		629	158.5	<0.002	2.32	25.1	8.7	1	4.4	113.0	0.47	0.06	11.0	0.217	2.61	4.2
Q925480		4820	125.0	<0.002	2.58	134.5	6.9	1	4.7	205	0.57	0.07	8.3	0.240	1.90	4.5
Q925481		3.6	1.0	0.003	0.01	0.09	0.2	<1	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q925482		78.1	156.0	<0.002	0.85	14.35	10.0	<1	2.6	158.5	0.64	<0.05	11.7	0.222	2.89	4.6
Q925483		78.0	119.0	<0.002	0.26	17.25	9.9	<1	4.6	210	0.66	<0.05	10.1	0.239	2.11	3.8
Q925484		17.2	103.0	<0.002	0.01	6.61	9.8	<1	3.4	341	0.68	<0.05	10.9	0.240	1.32	3.3
Q925485		10.3	107.5	<0.002	0.06	16.50	11.9	<1	5.5	188.0	0.76	<0.05	13.9	0.258	1.40	2.6
Q925486		8.2	102.5	<0.002	0.50	59.4	10.3	<1	7.2	150.0	0.75	0.17	12.5	0.244	1.89	4.2
Q925487		9.8	84.2	<0.002	0.14	28.9	10.8	<1	13.1	145.5	0.76	<0.05	14.1	0.262	1.37	3.2
Q925488		12.3	178.0	<0.002	0.39	19.45	13.6	1	3.1	134.5	0.38	0.06	4.0	0.369	2.79	6.1
Q925489		81.3	90.8	<0.002	0.27	27.1	10.1	<1	3.8	165.5	0.71	0.09	10.8	0.242	2.05	3.7
Q925490		284	74.7	<0.002	0.34	14.75	9.4	<1	3.2	288	0.70	<0.05	10.5	0.231	2.26	3.3
Q925491		840	169.5	<0.002	1.64	38.3	10.4	1	3.1	151.5	0.72	0.21	11.8	0.250	2.40	4.3
Q925492		23.8	87.3	<0.002	0.12	13.90	9.4	1	2.6	280	0.60	<0.05	11.3	0.205	1.13	6.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107834

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001	As-OG62 As % 0.001
Q925457		50	4.3	11.1	>10000	26.4		1.135	
Q925458		66	5.5	12.1	890	30.5			
Q925459		68	2.3	14.6	402	34.7			
Q925460		65	2.6	15.1	98	32.7			
Q925461		64	2.8	13.8	73	35.1			
Q925462		66	2.2	15.7	101	40.0			
Q925463		63	4.3	13.7	2090	38.7			
Q925464		51	16.5	10.7	>10000	27.4		1.320	1.635
Q925465		64	3.0	14.0	865	35.9			
Q925466		62	3.1	15.2	80	35.9			
Q925467		39	12.8	10.0	1270	19.0	116		1.880
Q925468		2	0.1	0.8	18	<0.5			
Q925469		69	2.7	15.9	54	38.9			
Q925470		66	2.9	14.2	43	42.2			
Q925471		68	3.7	15.7	64	48.7			
Q925472		67	3.8	16.2	58	50.4			
Q925473		63	3.2	12.8	144	39.6			
Q925474		59	4.3	14.8	573	46.5			
Q925475		54	7.6	8.8	3260	22.2			
Q925476		66	2.3	17.3	54	41.3			
Q925477		65	2.5	13.7	48	31.4			
Q925478		67	2.2	13.3	63	30.9			
Q925479		59	2.8	12.3	1520	26.3			
Q925480		50	2.5	10.6	4900	90.1	112		1.620
Q925481		3	0.1	0.8	18	<0.5			
Q925482		59	4.1	13.6	230	31.3			
Q925483		61	5.1	13.1	139	30.8			
Q925484		63	2.2	15.0	46	34.8			
Q925485		75	4.5	16.1	99	33.6			
Q925486		66	4.0	15.8	59	34.8			
Q925487		66	5.8	14.9	47	35.1			
Q925488		130	6.7	18.4	130	80.0			
Q925489		66	3.8	14.2	154	36.7			
Q925490		62	3.8	14.5	481	31.6			
Q925491		67	5.2	15.3	530	33.5			
Q925492		55	2.8	22.2	63	25.4			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107834

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	ME-MS61
ME-OG62	Zn-OG62		

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

CERTIFICATE WH14107835

Project: KLAZA

P.O. No.: BATCH 60

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

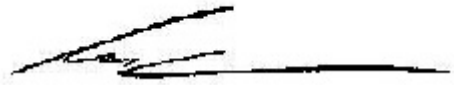
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107835

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q925138		6.08	0.006	0.21	6.79	17.4	3340	1.30	0.48	2.56	0.49	42.9	8.7	10	18.45	18.6
Q925139		5.94	<0.005	0.13	7.50	9.1	2290	1.54	0.20	2.56	0.18	41.8	8.3	11	10.85	6.5
Q925140		4.58	<0.005	0.08	7.53	3.9	2470	1.64	0.18	2.60	0.12	40.5	7.8	12	8.94	11.6
Q925141		6.02	0.013	0.21	7.60	21.1	2440	1.53	0.66	2.70	0.15	44.4	15.3	9	12.70	11.1
Q925142		0.24	0.906	11.65	6.41	1495	190	1.31	11.65	1.75	30.4	41.6	16.8	18	12.40	280
Q925143		6.36	0.141	30.8	6.74	108.5	2440	1.36	154.5	2.72	1.75	44.7	20.9	9	11.95	997
Q925144		3.38	0.015	0.54	7.04	71.6	2310	1.46	1.28	2.14	0.93	47.8	18.0	9	15.40	35.3
Q925145		3.76	<0.005	0.04	0.08	0.2	30	0.05	0.13	19.80	0.08	1.19	0.7	<1	0.17	2.7
Q925146		5.38	0.010	0.39	7.18	27.6	1060	1.33	1.74	2.83	0.26	45.3	20.4	9	10.60	10.0
Q925147		4.22	0.029	1.28	6.83	81.4	740	1.38	1.78	2.33	2.48	45.1	21.5	8	13.20	23.1
Q925148		5.13	0.017	0.33	7.43	22.4	2010	1.48	1.35	2.46	0.20	45.3	12.4	9	16.05	9.9
Q925149		10.18	<0.005	0.09	7.57	7.4	2490	1.54	0.65	2.78	0.09	43.6	8.2	10	13.45	10.1
Q925150		3.15	0.019	2.52	7.16	89.3	1530	1.46	0.24	4.64	2.53	44.3	7.3	7	20.9	49.9
Q925151		1.56	0.047	1.75	6.92	162.5	1930	1.37	0.25	4.72	2.37	42.7	7.0	7	20.4	33.8
Q925152		3.08	0.012	0.47	7.68	146.0	2380	1.42	0.69	2.91	2.30	42.0	9.4	10	12.75	31.4
Q925153		4.51	0.015	0.67	7.01	149.0	2260	1.49	0.23	3.16	0.18	39.4	8.9	9	21.4	8.5
Q925154		3.68	0.020	0.69	7.11	123.5	1780	1.52	0.30	2.77	0.12	40.6	8.4	9	24.7	12.1
Q925155		3.35	0.008	0.43	7.07	61.0	1210	1.40	0.17	4.04	0.15	48.1	9.6	9	19.00	8.9
Q925156		<0.02	0.007	0.42	7.07	61.7	1240	1.31	0.21	4.08	0.09	44.4	9.1	9	17.95	7.7
Q925157		6.71	0.006	0.21	7.11	82.1	1350	1.41	0.13	2.88	0.41	41.4	7.4	8	26.4	9.3
Q925158		1.99	0.006	0.59	6.45	27.0	1530	1.41	0.26	4.55	0.49	43.2	7.7	7	21.8	13.0
Q925159		3.72	0.016	0.47	7.86	30.9	2250	1.53	0.56	2.34	0.38	46.5	14.2	12	12.45	204
Q925160		3.79	0.030	2.05	7.68	147.5	1110	1.52	1.35	2.11	2.26	51.4	15.3	9	17.50	57.9
Q925161		7.37	<0.005	0.14	7.60	7.7	2290	1.59	0.19	2.72	0.20	40.6	7.9	13	10.85	22.7
Q925162		5.59	<0.005	0.11	7.68	9.1	1990	1.61	0.18	2.72	0.13	42.6	7.8	11	14.35	9.7
Q925163		6.48	0.019	0.83	6.90	33.7	1210	1.61	0.46	2.36	2.01	32.2	7.8	9	18.60	26.5
Q925164		9.46	<0.005	0.47	7.00	15.4	970	1.92	0.24	3.68	0.84	56.4	6.6	16	22.7	13.3
Q925165		0.23	0.400	4.44	6.76	702	350	1.39	3.55	1.97	10.35	47.3	12.1	25	12.55	320
Q925166		7.63	0.029	1.20	6.94	233	1810	1.31	0.34	2.38	2.94	37.9	8.6	11	16.65	11.6
Q925167		5.65	<0.005	0.06	7.39	5.0	2230	1.42	0.14	2.91	0.09	40.8	9.2	10	12.20	8.9
Q925168		9.20	<0.005	0.11	7.26	8.5	2040	1.34	0.14	2.64	0.21	43.8	8.0	10	11.55	8.1
Q925169		2.30	0.007	0.47	7.19	110.0	1410	1.51	0.22	2.37	3.59	46.4	7.6	10	18.45	13.4
Q925170		12.47	<0.005	0.12	7.48	5.8	2190	1.46	0.23	2.92	0.31	41.1	7.8	10	8.77	11.7
Q925171		3.03	0.042	2.43	7.27	566	1500	1.62	0.93	0.89	34.6	44.2	8.0	8	23.2	13.1
Q925172		4.83	<0.005	0.01	0.05	<0.2	20	0.07	0.02	19.95	0.08	1.02	0.7	<1	0.12	2.2
Q925173		3.49	<0.005	0.12	6.30	39.3	800	1.60	0.25	2.10	0.44	33.7	7.3	8	26.9	15.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107835

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925138		2.95	15.95	0.14	1.3	0.092	2.95	20.9	50.8	0.87	991	1.13	0.28	8.1	3.3	660
Q925139		3.09	16.35	0.13	1.3	0.057	2.91	19.5	11.2	0.83	805	1.10	2.05	8.1	3.1	640
Q925140		3.04	15.95	0.14	1.2	0.041	2.67	19.0	12.6	0.87	607	1.58	2.16	8.1	2.9	640
Q925141		3.22	16.05	0.17	1.2	0.065	2.97	21.6	23.4	0.80	890	2.51	1.31	8.0	2.6	650
Q925142		6.10	14.40	0.17	1.0	0.730	2.72	21.5	17.9	0.73	1660	8.44	0.12	6.0	11.0	510
Q925143		4.05	14.85	0.14	1.1	0.666	3.04	22.6	27.3	0.91	2940	2.71	0.57	7.2	2.8	580
Q925144		3.69	14.90	0.17	1.2	0.115	2.95	26.0	34.2	0.93	1470	1.56	0.05	7.2	2.6	580
Q925145		0.46	0.21	0.10	<0.1	0.007	0.03	0.6	1.1	12.80	193	0.12	0.01	0.2	1.6	180
Q925146		3.86	15.30	0.13	1.2	0.110	1.73	23.5	69.9	0.96	1160	1.19	0.02	7.6	2.3	610
Q925147		4.14	14.65	0.14	1.1	0.200	2.83	24.5	37.0	0.85	2410	1.89	0.03	6.9	2.7	560
Q925148		3.06	16.20	0.17	1.2	0.060	3.25	22.2	41.9	0.79	1010	1.28	0.56	8.0	2.6	620
Q925149		2.97	16.45	0.16	1.3	0.040	2.93	20.2	19.2	0.78	651	1.43	2.01	8.2	2.7	650
Q925150		3.30	14.30	0.16	1.0	0.052	2.83	23.3	37.1	1.70	2590	1.42	0.06	6.6	2.6	590
Q925151		3.32	14.00	0.17	1.0	0.059	2.75	23.1	34.0	1.74	2520	1.50	0.04	6.5	2.4	550
Q925152		3.13	16.25	0.15	1.3	0.073	3.16	19.7	9.6	0.79	1770	1.52	1.79	7.8	2.9	660
Q925153		3.00	15.25	0.15	1.2	0.045	2.97	18.6	42.6	0.96	971	1.88	0.54	7.7	3.1	630
Q925154		3.05	15.20	0.16	1.2	0.038	2.85	19.1	19.7	0.82	902	1.52	0.97	7.8	2.9	650
Q925155		2.99	14.75	0.13	1.2	0.052	2.16	25.9	59.3	1.44	964	1.39	0.03	7.6	2.8	610
Q925156		2.97	13.90	0.15	1.1	0.050	2.12	24.0	55.7	1.44	973	1.11	0.03	7.0	2.5	600
Q925157		2.73	15.65	0.15	1.3	0.045	2.56	20.0	43.6	0.96	785	0.93	0.22	7.6	2.4	640
Q925158		2.88	14.30	0.13	1.1	0.042	2.47	21.9	55.0	1.49	1730	1.31	0.27	6.9	2.4	540
Q925159		2.97	16.35	0.18	1.2	0.086	3.02	22.9	23.5	0.75	937	1.11	1.43	7.8	2.9	650
Q925160		3.77	16.80	0.18	1.2	0.153	3.76	26.8	13.8	0.72	3080	1.29	0.06	8.1	3.0	680
Q925161		3.16	16.45	0.16	1.1	0.050	2.86	18.5	12.8	0.86	832	0.90	1.86	8.1	3.0	670
Q925162		2.94	16.20	0.15	1.2	0.036	2.68	19.9	10.3	0.80	856	1.18	2.07	8.2	2.8	670
Q925163		3.10	16.20	0.17	1.4	0.100	2.95	13.9	42.8	0.67	1300	0.96	0.11	8.6	2.7	650
Q925164		2.32	17.15	0.16	3.3	0.039	2.61	29.5	38.2	1.28	726	1.03	0.03	9.6	5.7	1040
Q925165		4.89	14.85	0.15	1.1	0.285	2.83	26.9	24.5	0.76	1820	14.70	0.14	6.0	13.4	520
Q925166		3.09	15.35	0.15	1.1	0.073	2.73	17.5	28.7	0.76	1250	1.11	1.06	7.6	2.7	630
Q925167		3.10	15.75	0.18	1.2	0.052	2.66	18.8	11.3	0.82	803	1.11	2.02	7.8	2.8	680
Q925168		3.23	15.50	0.17	1.3	0.080	2.86	20.4	12.3	0.82	1200	1.02	1.59	7.8	2.8	660
Q925169		4.20	15.50	0.15	1.1	0.132	3.61	22.6	16.3	0.82	6640	1.09	0.28	7.7	2.6	630
Q925170		3.03	16.10	0.15	1.2	0.049	2.45	19.6	18.9	0.75	682	21.2	2.14	7.9	2.7	630
Q925171		4.24	15.60	0.16	1.0	0.323	3.10	22.1	60.5	0.23	4730	3.92	0.08	7.1	2.5	580
Q925172		0.48	0.19	0.05	<0.1	<0.005	0.02	0.5	0.8	12.25	215	0.08	0.01	0.1	1.7	160
Q925173		2.52	16.55	0.09	1.2	0.035	2.55	13.3	73.0	0.34	675	1.34	0.04	7.7	3.2	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107835

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925138		17.3	111.5	<0.002	0.17	9.60	11.0	1	2.0	165.0	0.67	<0.05	12.3	0.256	1.76	4.3
Q925139		23.0	104.5	<0.002	0.07	2.28	11.1	1	1.7	380	0.68	<0.05	12.1	0.271	1.24	4.2
Q925140		20.3	94.3	<0.002	0.02	1.58	11.1	<1	1.7	397	0.66	<0.05	11.8	0.269	1.05	3.2
Q925141		23.2	114.5	<0.002	0.15	3.89	11.1	1	1.8	291	0.65	<0.05	13.1	0.275	1.39	5.1
Q925142		1305	152.0	<0.002	4.48	59.2	8.9	2	7.6	94.0	0.47	0.98	10.4	0.199	2.31	4.9
Q925143		178.5	107.5	<0.002	1.09	48.1	10.1	1	2.5	153.5	0.60	0.38	11.6	0.244	1.69	6.5
Q925144		26.1	136.0	<0.002	0.48	10.85	11.0	1	2.2	91.7	0.56	<0.05	12.4	0.253	2.13	5.2
Q925145		3.1	1.3	<0.002	<0.01	0.17	0.2	<1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q925146		21.3	66.5	<0.002	0.49	11.95	10.8	<1	2.2	155.0	0.60	0.05	12.2	0.260	1.14	5.0
Q925147		167.0	155.5	<0.002	1.21	18.60	10.3	1	2.5	108.0	0.56	0.07	12.1	0.243	2.13	6.8
Q925148		28.0	127.5	<0.002	0.41	7.24	11.2	1	2.2	180.0	0.62	<0.05	12.9	0.267	1.84	5.0
Q925149		20.3	106.5	<0.002	0.08	2.45	10.8	1	1.8	376	0.68	<0.05	13.0	0.270	1.28	4.4
Q925150		192.5	144.5	<0.002	0.28	21.8	10.4	1	1.7	143.0	0.47	<0.05	12.7	0.243	2.26	5.4
Q925151		221	129.5	<0.002	0.36	17.45	9.7	<1	1.6	150.5	0.47	<0.05	12.4	0.231	2.23	5.4
Q925152		106.5	121.5	<0.002	0.27	31.6	10.9	1	1.7	369	0.60	<0.05	11.7	0.282	1.65	3.4
Q925153		30.4	97.7	<0.002	0.34	9.35	10.0	1	1.9	214	0.60	<0.05	11.2	0.262	1.96	4.0
Q925154		19.5	105.0	<0.002	0.25	8.36	10.6	1	1.7	256	0.63	<0.05	11.3	0.265	1.82	4.1
Q925155		17.5	88.7	<0.002	0.29	8.66	10.7	<1	1.8	182.0	0.62	<0.05	12.9	0.254	1.69	5.5
Q925156		17.0	84.3	<0.002	0.29	7.85	9.7	1	1.6	179.5	0.55	<0.05	12.2	0.247	1.49	4.8
Q925157		16.1	88.9	<0.002	0.18	13.65	10.3	1	1.7	170.5	0.61	<0.05	10.9	0.262	1.61	3.7
Q925158		20.8	97.0	<0.002	0.24	8.43	9.2	1	1.7	196.0	0.57	<0.05	11.0	0.233	1.82	4.2
Q925159		29.2	121.5	<0.002	0.54	12.65	11.2	2	2.0	317	0.63	<0.05	13.8	0.276	1.56	4.7
Q925160		134.0	187.5	<0.002	2.22	15.75	13.0	1	3.0	100.5	0.61	0.10	12.9	0.280	2.86	5.1
Q925161		24.2	101.0	<0.002	0.06	3.13	11.2	1	1.8	376	0.62	<0.05	11.1	0.269	1.40	4.1
Q925162		26.5	109.0	<0.002	0.05	1.94	11.4	1	1.7	383	0.69	<0.05	14.2	0.270	1.87	5.3
Q925163		93.5	119.5	<0.002	0.39	10.65	10.1	1	3.0	138.0	0.81	<0.05	10.5	0.261	2.18	4.8
Q925164		46.8	140.0	<0.002	0.18	7.82	6.7	<1	1.3	487	0.66	<0.05	8.8	0.276	3.27	4.5
Q925165		484	153.0	0.004	2.65	27.7	9.2	1	5.5	109.5	0.47	0.45	11.2	0.205	2.33	4.9
Q925166		352	100.0	<0.002	0.27	6.22	10.2	1	1.9	262	0.59	<0.05	10.5	0.255	1.61	3.0
Q925167		19.4	94.6	<0.002	0.06	2.01	10.8	<1	1.7	405	0.61	<0.05	11.2	0.272	1.14	3.8
Q925168		24.1	111.5	<0.002	0.11	2.80	10.5	1	1.7	330	0.63	<0.05	11.8	0.271	1.56	3.9
Q925169		169.0	172.0	<0.002	0.29	7.82	10.8	1	2.5	127.5	0.62	<0.05	13.0	0.256	2.99	5.6
Q925170		24.8	81.2	0.003	0.03	1.72	10.8	1	1.6	407	0.61	<0.05	10.7	0.272	1.02	2.6
Q925171		796	162.5	<0.002	0.74	26.3	11.0	1	2.2	79.3	0.54	<0.05	12.1	0.256	2.59	5.3
Q925172		2.1	1.0	<0.002	0.01	0.08	0.2	<1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q925173		12.5	101.5	<0.002	0.05	17.50	10.4	1	1.8	72.6	0.57	<0.05	9.1	0.272	1.84	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107835

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925138		73	4.7	15.6	112	32.3
Q925139		79	1.9	15.6	70	31.4
Q925140		79	1.1	16.2	64	29.0
Q925141		78	2.0	15.9	79	29.3
Q925142		62	5.8	11.0	2270	26.5
Q925143		72	3.8	13.6	266	25.4
Q925144		75	4.2	12.5	177	27.0
Q925145		3	0.1	0.8	16	<0.5
Q925146		74	4.9	14.2	95	28.3
Q925147		69	4.5	12.6	258	26.4
Q925148		76	3.5	14.9	65	29.9
Q925149		78	3.5	15.9	52	31.4
Q925150		69	4.7	15.9	321	25.4
Q925151		67	4.7	15.3	297	23.8
Q925152		79	2.2	15.5	297	30.4
Q925153		75	3.8	14.3	71	28.1
Q925154		78	6.3	15.4	57	27.8
Q925155		71	10.1	16.2	58	28.3
Q925156		69	9.4	14.9	57	26.9
Q925157		75	4.2	15.1	82	29.5
Q925158		65	3.5	15.1	85	25.4
Q925159		79	5.4	14.9	76	29.1
Q925160		90	6.8	14.6	196	28.1
Q925161		80	2.3	16.4	68	28.3
Q925162		79	2.0	17.9	66	29.4
Q925163		76	3.0	14.9	194	32.8
Q925164		60	2.0	12.7	113	129.0
Q925165		66	5.6	11.9	842	29.1
Q925166		74	2.2	13.8	274	28.0
Q925167		84	1.7	16.1	58	30.7
Q925168		78	2.2	15.5	71	31.0
Q925169		74	5.6	15.1	398	28.0
Q925170		80	1.0	16.0	78	29.9
Q925171		75	2.9	14.8	2040	25.8
Q925172		1	0.1	0.7	15	<0.5
Q925173		72	4.7	11.1	88	25.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107835

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2014
Account: ROCKHA

CERTIFICATE WH14107836

Project: KLAZA

P.O. No.: BATCH 61

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
SPL-21	Split sample - riffle splitter
SPL-21d	Split sample - duplicate
CRU-32	Fine Crushing 90% <2mm
PUL-35a	Pulv 1 kg split to 95%<106 um
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107836

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q016845		4.13	<0.005		0.16	7.14	12.2	1700	1.33	0.50	2.43	0.13	46.5	6.5	11	12.30
Q016846		2.46	0.081		7.92	6.63	206	1360	1.96	0.56	2.99	26.1	57.5	7.4	16	23.8
Q016847		2.38	4.06		75.5	2.20	1540	70	0.52	66.9	1.53	36.7	14.00	63.2	10	3.78
Q016848		2.54	<0.005		0.18	0.19	3.2	30	0.07	0.16	19.90	0.23	1.65	1.3	2	0.26
Q016849		3.20	0.007		0.34	8.15	16.0	2560	1.21	0.44	1.17	0.74	56.5	9.6	10	18.25
Q016850		1.53	2.02		>100	3.91	8750	50	0.88	9.17	3.00	368	23.9	15.5	8	7.73
Q016851		7.88	0.007		1.92	7.88	98.1	1090	2.20	0.18	2.78	0.86	65.7	7.3	18	25.8
Q016852		2.29	0.267		>100	6.02	1365	920	1.30	3.97	2.26	41.4	41.6	9.2	11	14.90
Q016853		1.15	0.060		10.10	8.44	102.5	4570	2.29	1.53	3.52	11.05	60.3	7.7	16	35.9
Q016854		0.08	>10.0	13.40	>100	4.59	159.5	460	0.48	1.91	2.05	859	18.35	60.3	49	1.36
Q016855		2.70	3.27		>100	0.62	4450	630	0.26	95.4	2.66	132.5	4.28	71.9	13	1.62
Q016856		5.17	0.292		15.90	5.92	623	180	1.07	6.34	0.35	7.75	39.8	10.6	19	5.76
Q016857		<0.02	0.265		14.15	6.16	631	210	1.04	6.35	0.35	7.46	43.7	10.6	19	6.08
Q016858		1.66	0.684		16.90	2.43	1370	50	0.78	11.70	4.72	17.20	16.40	113.0	14	6.80
Q016859		1.71	1.675		>100	2.95	5760	50	0.77	13.35	1.72	578	16.95	23.1	14	4.49
Q016860		5.16	0.036		4.26	6.24	90.7	740	1.82	0.91	4.94	7.18	53.2	7.0	14	19.45
Q016861		2.40	0.788		58.6	4.54	1380	90	1.27	10.35	4.14	109.0	31.9	20.8	10	10.75
Q016862		5.08	<0.005		0.21	0.05	6.1	10	<0.05	0.05	19.70	0.39	1.01	0.7	<1	0.14
Q016863		3.73	0.053		2.00	6.41	140.0	3730	1.24	0.26	3.46	10.45	63.6	5.4	14	6.07
Q016864		8.01	<0.005		0.71	6.82	26.7	3710	1.51	0.25	2.75	7.53	60.7	5.5	13	17.10
Q016865		6.50	<0.005		0.56	7.21	17.7	1130	1.48	0.20	2.53	7.97	72.5	6.8	14	15.25
Q016866		0.24	4.36		>100	5.22	7660	200	1.10	61.2	1.84	221	32.6	9.0	18	10.95
Q016867		1.93	1.840		>100	1.84	859	50	0.71	102.0	1.75	22.1	16.70	145.0	10	3.59
Q016868		4.37	0.015		1.02	6.88	44.0	1190	1.42	0.97	2.00	1.40	39.8	12.1	13	27.8
Q016869		6.46	1.990		33.5	6.69	3130	1110	1.32	0.50	2.05	13.50	50.2	5.3	10	16.85
Q016870		4.66	7.13		46.6	5.29	>10000	210	1.07	1.05	1.29	109.5	40.0	3.7	11	14.30
Q016871		4.06	0.030		0.83	7.62	113.5	2360	1.27	0.45	1.45	0.71	51.2	5.7	11	12.15
Q016872		1.36	>10.0	22.9	>100	1.32	>10000	30	0.37	4.94	2.73	971	7.57	7.6	10	1.94
Q016873		6.44	0.132		4.34	6.92	686	1970	1.58	0.39	2.22	14.65	45.1	6.7	9	26.6
Q016874		3.27	0.012		0.71	7.28	37.2	2240	1.47	0.49	2.00	0.58	47.0	5.6	10	12.95
Q016875		<0.02	0.009		0.33	7.19	28.5	2210	1.57	0.55	1.94	0.36	47.0	5.6	11	13.10
Q016876		0.35	0.214		54.9	4.28	600	100	1.18	1.38	4.24	51.0	35.8	25.3	10	9.73
Q016877		4.49	0.006		0.24	7.23	27.3	2310	1.74	0.35	2.35	0.26	49.2	5.0	13	14.25
Q016878		3.65	0.489		1.91	6.95	1570	720	1.73	0.23	2.17	4.24	50.1	7.7	11	20.0
Q016880		3.61	0.771		>100	4.17	1990	460	1.41	9.14	6.74	116.0	31.5	17.6	9	10.80

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107836

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q016845		11.3	2.74	15.50	0.20	1.4	0.089	2.85	23.2	43.2	0.60	818	1.10	0.99	7.5	2.6
Q016846		86.7	3.20	16.65	0.16	3.0	0.239	2.24	31.6	54.7	1.04	1050	1.32	0.04	8.8	5.9
Q016847		3420	17.45	5.82	0.12	0.3	1.535	1.01	7.3	11.7	0.25	614	3.72	0.01	2.2	2.6
Q016848		8.0	0.58	0.50	0.11	0.1	0.010	0.04	0.8	1.2	12.60	223	0.14	0.04	0.4	2.3
Q016849		12.9	3.70	17.05	0.15	1.1	0.071	3.06	30.4	32.0	0.83	670	1.54	0.11	8.4	2.8
Q016850		1250	6.87	9.50	0.09	0.7	4.38	1.66	11.7	10.0	1.10	4100	2.77	0.02	4.1	2.4
Q016851		15.4	2.49	18.95	0.17	3.8	0.032	3.01	35.3	59.5	1.14	971	1.58	0.05	10.5	6.3
Q016852		877	5.15	13.55	0.13	1.3	0.633	2.46	21.3	24.4	0.83	1410	7.52	0.03	6.6	3.4
Q016853		49.2	2.67	22.4	0.17	3.4	0.188	2.62	28.7	51.9	1.18	1080	9.88	0.06	14.5	4.1
Q016854		>10000	9.27	16.40	0.17	0.6	3.07	0.82	9.2	6.3	0.82	1720	153.0	1.10	2.2	18.6
Q016855		5310	24.8	2.35	0.14	0.2	5.50	0.23	1.7	7.4	0.59	1480	2.22	0.01	0.7	1.8
Q016856		688	6.53	14.70	0.10	1.0	0.430	2.75	21.6	8.6	0.26	417	1.64	0.02	5.8	3.1
Q016857		690	6.63	15.40	0.14	1.1	0.432	2.88	23.8	8.9	0.27	409	1.00	0.02	6.0	2.8
Q016858		65.6	7.80	6.54	0.11	0.3	0.265	1.04	8.5	31.2	1.74	5120	6.18	0.02	2.1	4.7
Q016859		1300	11.95	8.34	0.12	0.5	4.64	1.23	8.7	14.8	0.78	1830	2.57	0.02	2.9	2.8
Q016860		44.1	2.70	15.90	0.15	3.0	0.113	2.08	28.6	42.8	1.89	1130	4.86	0.03	8.4	5.2
Q016861		542	6.13	11.05	0.10	1.3	1.200	1.54	15.9	27.3	1.51	2200	23.3	0.02	5.2	4.1
Q016862		3.2	0.46	0.17	0.10	<0.1	0.008	0.02	0.5	1.0	12.65	209	0.30	<0.01	0.1	1.5
Q016863		46.0	2.80	15.00	0.12	2.3	0.116	0.46	34.6	91.0	1.29	993	3.42	0.03	9.7	2.9
Q016864		43.2	2.41	17.30	0.15	2.5	0.067	1.31	31.1	68.0	0.98	742	1.24	0.04	11.1	3.1
Q016865		20.0	2.83	16.90	0.21	2.5	0.075	1.07	39.0	76.1	0.98	1220	1.94	0.03	10.9	3.3
Q016866		1250	7.60	12.75	0.12	1.1	4.62	2.23	16.1	29.3	0.61	2990	14.90	0.08	5.5	13.3
Q016867		822	15.70	4.27	0.12	0.5	0.962	0.31	8.8	57.7	0.53	1060	27.9	0.01	2.5	5.9
Q016868		17.8	3.14	15.15	0.11	1.1	0.078	2.27	19.4	80.7	0.77	1040	1.25	0.05	7.4	2.7
Q016869		28.8	3.04	14.65	0.17	1.0	0.077	2.54	27.0	31.9	0.80	1680	1.54	0.02	6.8	2.0
Q016870		77.8	4.04	12.65	0.13	0.9	0.311	2.18	21.4	23.8	0.48	1780	14.30	0.02	5.4	2.2
Q016871		26.4	2.99	16.05	0.19	1.3	0.089	3.61	26.4	30.8	0.67	1340	1.59	0.24	7.6	2.3
Q016872		1790	11.35	4.76	0.11	0.2	2.97	0.60	3.4	13.3	0.68	14350	3.91	0.01	1.2	1.4
Q016873		25.2	2.88	15.35	0.14	1.2	0.079	3.16	22.8	22.8	0.74	2010	1.20	0.08	7.4	2.4
Q016874		8.5	3.44	15.80	0.15	1.3	0.077	2.74	25.0	28.4	0.71	1240	0.82	0.90	7.7	4.1
Q016875		5.4	3.35	15.90	0.16	1.3	0.082	2.73	25.0	28.1	0.70	1240	0.84	0.88	7.7	3.0
Q016876		23.9	5.97	9.47	0.13	0.9	0.153	1.64	19.0	38.1	1.01	14100	3.88	0.03	4.3	5.0
Q016877		5.9	3.01	15.50	0.14	1.3	0.071	2.85	24.9	17.8	0.63	869	2.12	1.79	7.4	2.9
Q016878		21.9	3.65	15.05	0.15	1.0	0.169	2.85	28.3	31.4	0.85	3150	1.81	0.04	6.6	2.9
Q016880		364	5.59	9.69	0.10	1.0	1.150	1.75	17.5	19.5	2.48	3440	3.19	0.03	4.4	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107836

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q016845		550	21.4	123.5	<0.002	0.13	3.81	9.2	1	2.2	260	0.58	<0.05	14.4	0.217	1.63
Q016846		930	1140	113.5	<0.002	1.21	25.0	6.4	1	3.5	282	0.62	<0.05	8.6	0.261	2.13
Q016847		170	1040	59.6	0.005	>10.0	155.5	3.0	2	9.4	32.7	0.18	6.57	3.4	0.073	0.80
Q016848		190	10.2	1.5	<0.002	0.04	0.52	0.4	1	<0.2	54.1	<0.05	<0.05	<0.2	0.016	<0.02
Q016849		690	29.9	133.5	<0.002	0.27	12.65	11.4	1	2.4	101.0	0.67	0.06	14.5	0.277	1.52
Q016850		290	>10000	96.6	0.002	7.72	866	4.7	1	10.8	120.5	0.36	0.80	6.6	0.122	1.85
Q016851		1170	239	165.0	<0.002	0.58	19.30	7.1	1	1.8	389	0.72	<0.05	9.7	0.301	3.83
Q016852		510	4240	144.5	<0.002	4.79	368	6.5	1	7.7	136.5	0.55	0.23	10.0	0.181	2.45
Q016853		1120	881	64.1	<0.002	0.61	29.7	6.6	1	2.9	405	0.97	<0.05	9.1	0.318	2.31
Q016854		570	>10000	26.4	0.068	>10.0	175.0	10.8	10	18.3	224	0.15	0.49	2.0	0.175	7.45
Q016855		40	>10000	12.5	<0.002	>10.0	484	0.8	4	19.9	36.0	0.05	4.08	0.7	0.020	0.32
Q016856		440	698	159.0	<0.002	6.73	46.6	8.2	1	10.9	21.3	0.48	0.86	9.9	0.198	2.24
Q016857		450	631	167.0	<0.002	6.92	46.4	8.7	1	11.0	22.2	0.50	0.41	10.7	0.206	2.39
Q016858		200	1055	66.0	<0.002	6.83	60.7	4.0	1	2.2	112.0	0.16	0.65	3.3	0.073	0.99
Q016859		190	>10000	71.3	0.002	>10.0	220	3.8	2	9.7	69.8	0.24	0.71	5.9	0.085	1.33
Q016860		860	345	131.5	<0.002	0.49	15.70	5.7	1	2.2	435	0.60	<0.05	8.1	0.227	2.57
Q016861		430	4910	97.6	<0.002	4.88	171.0	4.9	1	5.4	145.0	0.36	0.53	7.1	0.151	1.83
Q016862		180	15.9	1.0	<0.002	0.02	0.59	0.1	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	<0.02
Q016863		770	199.5	22.2	<0.002	0.26	15.85	4.9	1	1.4	267	0.65	<0.05	9.1	0.213	0.46
Q016864		860	85.2	40.5	<0.002	0.20	9.46	5.4	1	1.5	250	0.73	<0.05	8.7	0.244	1.32
Q016865		860	84.9	51.0	<0.002	0.09	15.50	5.5	1	2.4	544	0.75	<0.05	10.3	0.244	0.94
Q016866		450	9350	129.5	<0.002	6.78	207	6.9	2	8.7	119.0	0.43	0.55	8.0	0.175	2.22
Q016867		220	>10000	16.6	0.005	>10.0	301	1.8	3	4.7	220	0.16	5.76	2.7	0.061	0.60
Q016868		610	138.5	84.6	<0.002	0.33	13.30	9.8	1	2.3	143.0	0.60	<0.05	10.7	0.243	1.65
Q016869		510	820	155.0	<0.002	1.71	67.1	8.8	1	5.5	214	0.57	0.05	12.3	0.217	2.30
Q016870		380	3290	138.0	<0.002	3.67	136.5	7.2	1	16.6	128.0	0.42	<0.05	9.0	0.169	2.10
Q016871		590	46.0	175.5	<0.002	0.36	14.00	10.1	1	3.2	141.5	0.63	<0.05	13.1	0.251	2.27
Q016872		90	>10000	34.1	<0.002	>10.0	1520	1.8	2	14.6	43.4	0.10	0.49	2.1	0.039	0.85
Q016873		550	566	140.5	<0.002	0.69	19.15	9.0	1	3.6	187.5	0.56	<0.05	11.5	0.232	2.58
Q016874		580	47.3	133.5	<0.002	0.32	8.82	9.7	1	2.2	171.5	0.67	0.07	12.2	0.240	1.99
Q016875		540	21.0	138.0	<0.002	0.32	8.20	9.9	1	2.4	169.5	0.68	0.06	12.6	0.239	2.04
Q016876		330	9280	95.9	<0.002	4.23	64.6	5.5	1	2.1	173.0	0.38	0.44	7.2	0.135	1.83
Q016877		560	29.1	116.0	<0.002	0.24	5.14	9.8	1	2.5	309	0.64	0.06	12.8	0.247	1.43
Q016878		530	328	158.5	<0.002	1.11	22.6	10.0	1	2.6	107.5	0.55	<0.05	12.2	0.233	2.56
Q016880		380	>10000	105.5	0.002	3.83	321	5.5	1	4.9	123.0	0.35	0.42	6.6	0.148	3.17

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107836

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q016845		4.4	61	2.6	13.8	51	37.3					
Q016846		9.3	58	2.9	13.8	2920	114.0					
Q016847		6.0	21	2.5	5.0	4590	7.1					
Q016848		0.5	4	0.1	1.0	37	2.1					
Q016849		2.5	80	6.9	14.8	99	25.9					
Q016850		1.6	33	3.7	5.8	>10000	17.7	619		6.99	2.90	
Q016851		4.1	66	3.3	13.2	161	144.0					
Q016852		4.2	48	5.7	7.3	3080	38.7	208				
Q016853		12.8	60	4.0	13.1	899	114.5					
Q016854		2.3	124	8.4	11.6	>10000	11.6	130	2.85	2.47	15.25	
Q016855		2.2	5	0.7	8.4	9510	6.3	304		1.860		
Q016856		2.0	58	6.3	6.5	585	25.6					
Q016857		2.3	60	6.7	7.0	549	27.2					
Q016858		10.6	29	4.0	4.8	1330	9.2					
Q016859		1.6	25	4.8	4.5	>10000	13.2	114		1.350	4.43	
Q016860		4.0	50	3.7	10.9	608	110.5					
Q016861		6.1	38	3.8	9.4	8090	43.4					
Q016862		0.8	1	0.1	0.7	41	<0.5					
Q016863		7.5	45	3.2	12.6	828	75.5					
Q016864		5.2	49	5.6	11.9	587	85.2					
Q016865		7.9	49	4.7	14.8	1310	84.5					
Q016866		5.0	51	4.6	8.6	>10000	31.2	121			1.645	
Q016867		52.1	17	2.5	7.2	2090	19.3	116		2.04		
Q016868		5.2	72	3.5	13.0	210	28.0					
Q016869		4.2	59	3.4	12.8	1100	28.0					
Q016870		7.5	48	3.5	9.8	7840	22.4					1.250
Q016871		3.4	68	2.8	14.5	94	33.0					
Q016872		2.3	12	3.1	4.4	>10000	5.1	1100		8.00	7.51	4.74
Q016873		4.2	61	4.3	12.5	1040	34.9					
Q016874		2.9	67	2.6	13.9	92	33.0					
Q016875		3.1	65	2.7	14.2	74	34.1					
Q016876		4.5	38	3.5	14.4	3300	25.0					
Q016877		3.4	66	1.7	15.0	56	31.6					
Q016878		6.3	66	3.6	12.7	347	25.9					
Q016880		6.4	42	3.2	11.4	7420	33.2	149		3.23		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107836

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21
LOG-21d	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

CERTIFICATE WH14107837

Project: KLAZA

P.O. No.: BATCH 62

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

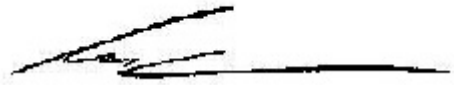
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107837

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925493		6.26	0.183	5.05	6.92	339	490	1.39	1.10	2.29	11.30	46.3	7.9	8	20.2	30.7
Q925494		5.90	<0.005	0.39	6.98	23.5	2150	1.55	0.25	2.26	0.48	40.7	7.1	9	15.45	21.6
Q925495		2.30	0.005	0.45	7.30	53.2	1950	1.39	0.20	1.63	0.43	46.6	8.2	8	16.10	19.2
Q925496		2.26	<0.005	0.31	7.70	18.1	2270	1.45	0.19	1.16	0.29	52.7	7.3	8	14.90	24.0
Q925497		2.63	0.017	1.38	6.49	90.3	1960	1.43	0.26	2.40	1.13	38.5	5.8	7	15.80	10.6
Q925498		1.44	0.018	1.36	6.60	102.5	2010	1.54	0.26	2.34	0.70	38.2	5.7	7	16.25	14.1
Q925499		4.53	0.108	3.12	6.56	167.5	1460	1.58	0.49	3.51	0.33	46.4	6.8	7	16.45	5.8
Q925500		3.82	0.023	2.62	6.55	109.5	1960	1.51	0.30	2.53	1.86	43.3	5.8	8	16.30	12.0
Q925501		2.51	<0.005	0.09	7.15	8.1	3140	1.22	0.53	1.63	0.12	45.7	6.0	9	11.60	7.8
Q925502		3.97	<0.005	0.36	7.91	12.6	2200	1.28	0.25	0.84	0.17	54.7	8.0	9	11.40	26.5
Q925503		0.31	1.750	39.4	5.56	2520	1260	1.23	33.8	1.66	47.8	37.0	18.7	23	10.70	1170
Q925504		2.97	0.503	28.4	5.86	473	1100	1.56	3.07	2.38	12.65	43.1	6.7	7	19.05	145.5
Q925505		3.24	0.005	0.80	7.97	39.0	2160	1.35	0.39	1.18	0.51	59.3	7.3	9	15.90	43.7
Q925506		3.30	0.031	1.87	6.71	102.5	2290	1.53	0.84	1.72	0.51	44.3	8.2	8	19.30	269
Q925507		5.39	<0.005	0.45	7.65	37.0	2470	1.50	4.29	1.09	0.25	55.2	7.7	8	21.6	125.5
Q925508		<0.02	<0.005	0.36	7.98	36.7	2590	1.51	3.57	1.09	0.28	57.6	8.1	9	22.5	122.5
Q925509		2.20	0.037	0.74	6.74	77.1	1510	1.78	0.76	2.98	0.70	46.8	7.6	7	31.4	29.3
Q925510		6.78	<0.005	0.11	6.60	13.7	2250	1.60	0.38	2.54	0.15	41.0	7.5	13	19.85	15.7
Q925511		7.01	0.317	3.81	6.24	447	1490	1.40	0.52	2.84	6.13	44.0	8.5	7	23.0	24.1
Q925512		7.27	0.030	0.70	6.89	75.5	1800	1.53	0.66	2.59	0.46	42.5	7.3	9	21.3	33.2
Q925513		2.71	0.621	3.95	6.04	1075	1750	1.38	0.34	2.58	2.11	44.2	7.1	6	24.9	69.1
Q925514		5.48	0.006	0.23	6.62	64.0	1980	1.61	0.37	2.46	0.57	40.1	7.8	9	25.7	16.3
Q925515		2.48	0.143	1.14	6.01	224	1790	1.43	0.69	4.42	4.70	42.6	6.8	6	21.4	14.8
Q925516		7.26	0.007	0.39	6.73	49.3	2260	1.51	0.37	2.57	0.53	41.8	6.9	8	23.2	8.4
Q925517		4.68	<0.005	0.02	0.06	<0.2	20	0.06	0.02	19.65	0.07	2.15	1.8	<1	0.61	3.0
Q925518		2.35	1.270	12.35	6.51	3530	1060	1.61	2.47	2.19	25.1	58.3	18.7	6	16.10	18.7
Q925519		5.16	<0.005	0.15	0.04	47.4	50	0.05	0.04	19.95	0.39	2.01	2.0	<1	0.36	2.9
Q925520		5.46	0.010	0.78	6.46	53.9	1360	1.54	1.00	2.53	0.76	52.8	18.1	10	10.65	2.6
Q925521		3.40	0.008	0.64	6.30	32.6	1900	1.47	0.65	3.26	0.43	42.7	13.2	9	18.10	3.5
Q925522		0.24	0.355	4.64	6.31	692	990	1.46	3.63	1.96	11.65	54.4	13.9	24	13.60	301
Q925523		7.10	<0.005	0.22	6.76	26.3	2080	1.51	0.38	2.33	0.44	48.5	7.7	9	16.00	8.6
Q925524		3.89	<0.005	0.20	6.62	19.0	1740	1.38	0.62	2.65	0.15	42.4	8.4	8	12.45	3.1
Q925525		6.55	<0.005	0.12	6.85	14.7	2430	1.48	0.43	2.25	0.12	49.4	7.2	11	13.75	4.1
Q925526		3.90	<0.005	0.10	6.69	11.5	1930	1.47	0.54	2.76	0.09	44.3	6.8	8	13.10	4.6
Q925527		1.44	0.026	1.59	6.60	50.8	1530	1.69	1.27	2.78	2.78	45.7	17.5	7	17.50	9.9
Q925528		6.70	<0.005	0.12	7.46	18.7	1860	1.56	0.29	1.80	0.16	55.4	6.2	8	20.7	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107837

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925493		2.88	15.55	0.08	1.3	0.080	2.37	26.3	43.1	0.79	1570	2.71	0.07	8.5	2.4	650
Q925494		2.69	15.95	0.09	1.5	0.050	2.74	22.0	21.9	0.45	557	2.04	1.68	8.9	2.2	560
Q925495		2.92	16.20	0.08	1.4	0.053	3.01	24.2	24.6	0.56	1560	1.86	0.51	8.6	2.3	560
Q925496		2.75	16.65	0.11	1.7	0.061	3.02	28.2	26.8	0.56	789	1.77	0.61	9.1	2.1	620
Q925497		2.78	14.30	0.07	1.3	0.111	3.26	19.1	12.0	0.67	2690	2.03	0.81	7.7	1.8	550
Q925498		2.69	14.10	0.07	1.3	0.092	3.32	18.4	12.1	0.65	1980	1.83	0.91	7.7	4.5	560
Q925499		3.85	13.85	0.09	1.1	0.200	2.92	26.1	16.6	1.21	1550	2.51	0.11	6.8	2.2	510
Q925500		2.87	15.40	0.07	1.4	0.083	3.26	22.2	18.2	0.86	2350	2.19	0.21	8.3	2.0	530
Q925501		2.67	15.65	0.09	1.5	0.044	2.97	24.2	24.7	0.44	665	2.19	0.69	8.6	2.0	550
Q925502		3.17	16.75	0.11	1.5	0.084	3.19	29.9	30.1	0.59	931	3.57	0.37	9.2	2.4	640
Q925503		8.77	13.35	0.22	1.0	1.670	2.56	19.5	17.4	0.68	2360	20.2	0.05	5.3	15.3	440
Q925504		3.42	12.90	0.07	1.0	0.145	2.41	24.5	32.6	0.78	4690	3.03	0.01	6.4	1.9	450
Q925505		2.91	16.70	0.09	1.7	0.066	3.19	33.4	32.5	0.61	989	3.03	0.13	9.4	2.1	620
Q925506		2.88	14.15	0.08	1.6	0.092	2.97	23.4	20.5	0.65	1480	1.82	0.80	8.3	2.0	530
Q925507		2.89	16.90	0.08	1.5	0.061	2.78	31.5	29.7	0.53	730	5.71	0.06	8.9	2.9	610
Q925508		3.00	17.20	0.10	1.5	0.063	2.92	31.8	30.9	0.54	732	5.49	0.06	9.5	2.7	640
Q925509		2.93	15.65	0.09	1.6	0.052	3.14	25.2	19.2	0.90	1500	3.09	0.17	8.6	2.6	560
Q925510		2.64	15.05	0.11	1.4	0.050	2.81	20.4	11.9	0.62	550	2.68	1.93	8.3	2.1	570
Q925511		2.64	13.90	0.08	1.4	0.075	2.91	23.2	24.4	0.79	1800	1.77	0.34	7.7	2.7	520
Q925512		2.70	14.90	0.08	1.5	0.063	3.14	22.1	18.5	0.69	1160	1.21	1.14	8.3	2.2	560
Q925513		3.17	13.30	0.10	1.2	0.072	2.55	23.9	23.2	0.65	5460	1.62	0.01	7.0	2.6	460
Q925514		2.65	14.95	0.09	1.7	0.044	3.16	19.5	20.6	0.65	1190	0.97	1.20	8.8	2.2	570
Q925515		3.01	13.15	0.10	1.3	0.061	2.86	23.3	16.3	1.23	5510	1.04	0.53	7.1	1.0	460
Q925516		2.83	14.85	0.07	1.3	0.057	3.06	18.7	13.5	0.68	815	1.06	1.32	8.1	2.1	570
Q925517		0.46	0.58	<0.05	<0.1	0.008	0.03	1.0	1.2	12.55	215	0.16	0.01	0.4	<0.2	190
Q925518		4.05	15.30	0.10	1.2	0.155	3.10	30.3	12.5	0.82	1690	1.85	0.09	7.5	2.0	530
Q925519		0.47	0.45	<0.05	<0.1	0.008	0.02	1.0	1.1	12.80	214	0.10	<0.01	0.4	<0.2	160
Q925520		3.12	15.35	0.08	1.2	0.129	2.45	25.2	13.6	0.73	1260	0.82	1.28	7.8	1.6	540
Q925521		2.75	15.00	0.05	1.4	0.061	2.97	20.2	17.9	0.96	1020	1.25	0.89	8.4	1.5	560
Q925522		4.87	14.75	0.12	1.2	0.329	2.79	28.9	25.2	0.75	1900	15.30	0.13	6.6	16.0	510
Q925523		2.72	15.05	0.09	1.4	0.068	2.88	22.6	13.4	0.64	732	1.55	1.58	8.3	2.3	570
Q925524		3.24	14.70	0.08	1.3	0.122	2.54	20.0	10.9	0.85	923	0.47	1.34	8.1	1.8	580
Q925525		2.70	14.70	0.09	1.4	0.067	2.58	24.0	10.9	0.72	582	1.50	2.06	8.2	2.2	540
Q925526		3.03	14.40	0.07	1.3	0.105	2.21	21.5	10.5	0.78	817	1.05	1.86	7.6	2.2	550
Q925527		3.61	14.20	0.08	1.2	0.117	2.81	23.7	14.6	1.14	1830	2.29	0.19	7.4	3.2	500
Q925528		2.95	15.65	0.11	1.6	0.073	3.01	27.2	33.9	0.62	683	1.50	1.04	9.0	2.5	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107837

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925493		274	111.5	<0.002	0.78	27.1	11.1	1	3.6	143.0	0.72	0.05	12.7	0.267	2.03	5.8
Q925494		27.1	108.0	<0.002	0.04	8.48	10.0	1	3.5	260	0.77	<0.05	11.1	0.247	1.45	2.7
Q925495		29.7	128.5	<0.002	0.12	18.55	10.6	<1	3.2	98.8	0.77	<0.05	12.6	0.245	1.90	3.5
Q925496		35.8	136.0	<0.002	0.07	14.90	11.0	<1	3.5	96.9	0.83	<0.05	13.9	0.267	1.77	5.1
Q925497		71.5	132.5	<0.002	0.32	8.73	8.9	<1	3.4	132.0	0.68	<0.05	10.5	0.230	2.49	4.4
Q925498		48.7	124.0	<0.002	0.28	8.07	9.0	<1	3.9	145.0	0.72	<0.05	10.1	0.235	2.45	4.0
Q925499		19.7	152.0	<0.002	1.80	10.95	8.8	<1	3.1	101.0	0.63	0.13	11.8	0.202	2.73	4.6
Q925500		76.1	147.0	<0.002	0.39	14.50	9.5	<1	3.2	101.5	0.73	0.06	12.2	0.226	2.76	5.7
Q925501		15.0	121.0	<0.002	0.06	8.08	9.5	<1	3.1	126.5	0.80	<0.05	12.6	0.238	1.47	2.9
Q925502		28.6	147.5	<0.002	0.08	16.00	11.7	<1	3.8	88.9	0.83	<0.05	15.7	0.265	1.95	4.4
Q925503		1665	149.5	0.003	7.74	114.5	9.1	2	11.9	62.9	0.44	0.81	9.1	0.165	2.31	5.7
Q925504		1765	143.5	<0.002	1.85	76.6	8.5	<1	3.6	95.4	0.54	0.16	10.9	0.190	2.68	7.3
Q925505		47.6	152.0	<0.002	0.08	18.45	11.7	<1	3.6	87.3	0.85	<0.05	16.5	0.265	2.06	4.5
Q925506		52.9	137.0	<0.002	0.29	30.7	9.5	1	3.8	156.5	0.81	<0.05	12.6	0.230	2.20	4.2
Q925507		19.7	145.5	0.002	0.18	28.6	11.2	1	4.8	103.5	0.80	<0.05	15.8	0.263	2.10	2.8
Q925508		19.6	145.5	<0.002	0.18	29.0	11.5	1	5.0	107.0	0.84	<0.05	16.1	0.270	2.10	2.9
Q925509		31.4	150.0	<0.002	0.97	16.50	10.0	1	4.0	263	0.74	0.06	11.5	0.243	2.95	4.2
Q925510		19.4	104.5	0.002	0.05	4.22	9.3	<1	3.0	354	0.72	<0.05	10.8	0.234	1.62	3.3
Q925511		278	120.0	<0.002	0.64	11.75	9.0	<1	3.2	203	0.68	0.07	11.4	0.215	2.27	7.0
Q925512		28.3	128.0	<0.002	0.27	6.70	10.0	1	4.0	287	0.74	0.21	11.7	0.240	2.04	4.3
Q925513		161.0	144.5	<0.002	2.50	41.3	9.0	<1	4.8	151.0	0.62	<0.05	11.0	0.201	3.02	5.5
Q925514		31.4	116.0	<0.002	0.14	6.49	9.3	<1	3.0	272	0.81	<0.05	9.9	0.244	2.08	3.5
Q925515		171.0	134.0	<0.002	0.80	15.55	8.4	1	2.5	228	0.64	0.17	10.6	0.197	2.29	6.0
Q925516		37.9	114.0	<0.002	0.26	8.20	9.3	<1	2.9	284	0.72	<0.05	11.0	0.246	2.13	3.4
Q925517		2.0	3.4	<0.002	<0.01	0.18	0.4	<1	<0.2	48.1	<0.05	<0.05	0.3	<0.005	0.05	0.8
Q925518		721	163.0	<0.002	2.60	37.6	9.9	1	6.1	110.5	0.65	1.18	13.6	0.208	2.47	4.9
Q925519		9.7	3.2	<0.002	0.02	0.54	0.4	<1	<0.2	45.8	<0.05	<0.05	0.2	<0.005	0.03	0.8
Q925520		43.5	101.0	<0.002	0.53	5.73	9.4	<1	2.7	170.0	0.71	0.28	12.6	0.224	1.84	3.7
Q925521		30.1	113.5	<0.002	0.40	7.17	9.2	<1	2.5	233	0.78	0.27	11.4	0.240	2.20	3.9
Q925522		483	154.5	0.004	2.57	31.2	9.5	1	6.4	105.0	0.56	0.33	12.2	0.195	2.49	5.2
Q925523		26.2	113.0	<0.002	0.13	6.08	9.9	<1	2.7	298	0.73	0.09	12.9	0.243	1.75	3.5
Q925524		14.5	107.5	<0.002	0.45	6.10	9.5	<1	2.8	195.5	0.75	0.13	12.0	0.245	2.05	4.7
Q925525		17.2	96.0	<0.002	0.19	3.75	9.5	<1	2.6	349	0.75	0.09	13.2	0.240	1.24	3.9
Q925526		11.3	93.8	<0.002	0.25	4.32	9.5	<1	2.7	292	0.68	0.12	12.6	0.237	1.37	3.3
Q925527		298	154.0	<0.002	0.85	14.10	9.1	1	2.9	118.5	0.67	0.29	13.5	0.216	2.50	8.9
Q925528		20.3	128.5	<0.002	0.09	9.73	10.4	1	2.6	232	0.85	<0.05	15.0	0.254	1.77	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107837

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925493		73	2.8	15.7	713	32.5
Q925494		66	2.7	15.9	64	38.6
Q925495		66	3.0	16.4	86	35.5
Q925496		71	4.0	18.6	57	41.3
Q925497		61	4.7	13.1	175	31.4
Q925498		63	5.5	13.0	124	32.6
Q925499		57	2.4	11.7	86	27.8
Q925500		61	3.9	14.5	246	36.0
Q925501		62	3.1	15.8	42	38.6
Q925502		72	3.9	17.5	59	37.5
Q925503		56	7.8	9.7	3430	25.9
Q925504		53	3.6	13.1	1320	26.7
Q925505		72	4.4	18.4	67	42.0
Q925506		61	2.6	14.9	65	40.6
Q925507		68	5.2	16.9	60	38.6
Q925508		71	5.6	17.1	62	38.6
Q925509		65	3.2	14.8	77	45.2
Q925510		64	1.2	13.7	43	35.1
Q925511		59	3.3	14.6	442	37.2
Q925512		67	2.1	14.4	70	37.0
Q925513		56	4.3	12.9	227	30.3
Q925514		64	2.4	14.4	94	42.0
Q925515		54	3.3	14.8	363	33.0
Q925516		66	3.9	12.9	84	41.2
Q925517		2	0.2	1.1	16	1.2
Q925518		59	5.7	12.9	1580	35.6
Q925519		2	0.1	0.9	18	0.7
Q925520		65	2.4	11.7	87	35.4
Q925521		62	10.1	13.8	66	43.4
Q925522		64	5.9	12.1	878	36.8
Q925523		66	2.2	14.2	58	40.9
Q925524		67	2.3	13.7	71	36.6
Q925525		64	1.4	15.3	47	40.0
Q925526		64	2.6	14.0	51	38.2
Q925527		58	3.6	15.1	178	35.0
Q925528		68	2.2	15.2	49	45.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107837

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

CERTIFICATE WH14107838

Project: KLAZA

P.O. No.: BATCH 63

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

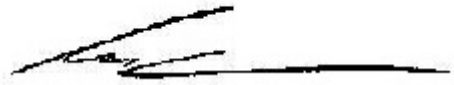
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107838

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925174		2.60	<0.005	0.21	7.15	47.7	1160	1.51	0.49	2.84	0.49	52.5	9.5	10	23.4	10.1
Q925175		10.85	<0.005	0.07	6.61	17.0	2110	1.50	0.14	2.76	0.12	44.7	8.6	10	9.96	8.8
Q925176		4.20	0.009	0.18	6.51	39.1	1940	1.52	1.47	2.96	0.40	48.1	13.7	10	9.08	7.3
Q925177		2.83	0.015	0.21	7.03	30.3	1790	1.65	1.95	3.01	0.36	57.2	18.7	9	7.42	7.7
Q925178		<0.02	0.014	0.19	6.76	28.6	1770	1.59	1.85	2.89	0.37	48.4	18.5	10	7.11	7.5
Q925179		2.44	0.012	0.11	6.78	30.8	1670	1.67	1.58	2.59	0.14	44.1	18.3	10	7.16	3.5
Q925180		3.09	<0.005	0.08	7.52	16.2	1810	1.75	0.24	2.16	0.13	53.8	8.9	9	17.60	13.1
Q925181		3.22	0.008	0.76	6.74	53.1	1750	1.33	0.78	2.60	6.01	49.7	11.2	8	14.90	27.6
Q925182		3.90	<0.005	0.14	6.67	21.9	1750	1.56	0.51	2.89	0.34	44.7	9.8	10	16.65	15.6
Q925183		6.02	<0.005	0.08	6.89	6.4	2160	1.61	0.14	2.50	0.11	42.6	7.8	8	19.35	9.3
Q925184		9.62	<0.005	0.07	6.90	8.4	1870	1.31	0.18	3.21	0.11	52.1	9.1	9	19.85	10.7
Q925185		3.02	<0.005	0.10	6.80	20.4	1020	1.56	0.21	2.63	0.20	52.1	9.4	8	18.40	12.6
Q925186		4.68	<0.005	0.06	6.32	14.0	840	1.51	0.15	2.22	0.18	43.8	7.5	9	21.6	8.9
Q925187		10.10	<0.005	0.07	6.83	3.0	2140	1.81	0.14	2.77	0.14	46.1	8.9	11	10.75	8.7
Q925188		5.04	<0.005	0.09	7.24	4.1	2260	1.83	0.11	2.75	0.11	51.2	9.4	15	6.86	8.9
Q925189		2.28	0.050	1.25	6.48	137.5	1090	1.60	0.96	3.15	4.79	61.4	10.6	8	18.65	6.3
Q925190		0.22	0.335	4.43	6.46	707	870	1.46	3.46	2.01	11.85	57.1	14.5	24	14.65	310
Q925191		3.45	0.012	0.48	6.57	44.4	1550	1.57	0.37	2.62	3.82	50.2	8.8	10	16.65	9.9
Q925192		4.09	0.005	0.17	6.61	24.6	2010	1.59	0.11	2.71	2.19	49.2	9.6	14	10.50	6.7
Q925193		7.71	<0.005	0.07	6.97	3.5	2180	1.66	0.10	2.68	0.16	48.6	9.3	14	8.14	6.8
Q925194		4.52	<0.005	0.17	6.62	99.5	2180	1.59	0.09	2.94	0.34	49.3	9.1	10	19.30	6.8
Q925195		2.64	<0.005	0.10	6.69	10.5	2170	1.70	0.18	2.78	0.11	45.9	9.5	12	11.35	7.2
Q925196		3.40	0.008	0.88	6.54	70.9	1640	1.49	0.64	3.58	7.36	54.3	11.7	11	19.40	10.6
Q925197		4.67	<0.005	0.02	0.08	0.9	40	0.05	0.03	20.6	0.08	1.26	0.9	1	0.21	4.4
Q925198		5.87	<0.005	0.07	6.93	6.5	2190	1.61	0.10	2.68	0.11	46.0	8.3	14	9.63	8.3
Q925199		5.63	<0.005	0.10	7.07	4.9	2230	1.52	0.08	2.68	0.10	47.1	8.5	12	10.00	8.1
Q925200		3.41	<0.005	0.09	6.95	3.5	2180	1.46	0.08	2.69	0.09	46.8	8.0	14	9.30	8.8
Q925201		5.87	0.048	0.72	6.45	94.2	1560	1.57	0.17	2.77	4.81	43.1	8.2	10	19.90	10.9
Q925202		4.81	<0.005	0.01	0.06	0.5	70	0.07	0.04	19.50	0.06	1.09	1.0	<1	0.14	2.5
Q925203		8.24	0.041	0.41	6.89	7.3	2210	1.48	0.76	2.82	0.11	39.7	7.7	11	11.10	8.5
Q925204		6.04	<0.005	0.08	7.24	3.7	2120	1.55	0.09	2.42	0.10	45.3	7.9	12	13.60	7.3
Q925205		0.24	1.655	38.6	5.59	2400	1260	1.16	35.0	1.68	44.5	36.5	16.6	22	9.93	1220
Q925206		4.19	0.034	0.90	6.58	92.9	4450	1.37	0.15	3.83	4.96	44.6	7.7	8	23.1	12.5
Q925207		9.52	<0.005	0.10	7.03	7.6	2170	1.53	0.09	2.59	0.10	41.1	7.9	12	13.35	11.7
Q925208		6.59	<0.005	0.10	7.28	4.5	2170	1.51	0.09	2.38	0.10	41.9	8.2	10	15.50	8.0
Q925209		2.65	<0.005	0.27	6.55	123.0	1370	1.66	0.12	3.00	0.21	39.8	8.4	8	24.6	12.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107838

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925174		2.99	15.15	0.07	1.1	0.043	2.93	25.8	69.9	0.69	1150	1.22	0.06	8.1	2.4	620
Q925175		2.93	14.75	0.09	1.1	0.062	2.47	20.2	15.6	0.67	816	0.99	1.85	8.0	2.4	590
Q925176		2.82	14.35	0.11	1.1	0.065	2.94	22.5	26.0	0.63	903	1.09	0.81	7.6	2.8	590
Q925177		2.65	14.10	0.11	1.2	0.061	2.99	27.8	11.3	0.71	910	1.00	0.77	8.3	2.4	670
Q925178		2.67	13.60	0.09	1.1	0.061	2.99	22.5	10.5	0.67	886	1.17	0.77	7.9	2.4	650
Q925179		2.48	14.10	0.07	1.1	0.055	2.81	21.1	12.0	0.70	862	1.26	1.21	7.8	2.4	620
Q925180		3.14	16.10	0.12	1.3	0.045	2.60	25.6	75.8	0.52	609	1.51	1.25	9.2	2.7	700
Q925181		3.41	15.15	0.12	1.1	0.113	2.80	23.6	24.4	0.90	1870	3.04	0.78	8.1	3.1	620
Q925182		2.91	15.35	0.09	1.5	0.039	2.51	19.9	19.4	0.74	754	1.18	1.42	9.0	2.6	610
Q925183		2.63	14.80	0.07	1.4	0.045	2.58	19.3	12.6	0.51	569	0.94	1.78	8.4	2.0	590
Q925184		3.00	14.50	0.08	1.4	0.049	2.54	24.9	17.9	0.70	697	1.40	1.02	8.4	2.4	620
Q925185		2.60	14.80	0.09	1.3	0.050	2.53	24.2	47.6	0.83	858	1.12	0.18	8.2	2.5	590
Q925186		2.55	13.00	0.08	1.3	0.075	1.90	20.6	85.3	0.78	808	0.79	0.04	7.6	2.0	550
Q925187		2.91	15.20	0.08	1.5	0.039	2.55	20.7	13.9	0.79	732	2.57	2.08	9.1	2.5	600
Q925188		3.15	15.35	0.12	1.6	0.040	2.63	23.7	14.1	0.88	767	1.32	2.24	9.2	2.8	630
Q925189		4.90	14.15	0.16	1.2	0.347	3.22	32.0	24.8	1.12	5160	0.96	0.16	7.8	2.4	530
Q925190		4.98	14.65	0.15	1.2	0.335	2.85	29.8	26.5	0.78	1970	14.65	0.14	6.7	15.2	530
Q925191		3.88	14.55	0.13	1.4	0.231	3.16	22.7	19.7	0.88	3350	1.41	0.82	8.5	2.5	590
Q925192		3.11	15.20	0.14	1.6	0.062	2.66	21.0	16.4	0.83	1340	1.23	1.96	9.0	2.9	600
Q925193		3.01	15.10	0.10	1.5	0.041	2.56	22.5	17.0	0.85	716	1.07	2.27	9.0	2.5	610
Q925194		3.04	14.55	0.11	1.4	0.097	2.48	22.1	33.0	0.87	1760	1.08	1.29	8.4	2.5	560
Q925195		2.97	15.25	0.11	1.6	0.042	2.52	20.1	11.4	0.77	732	1.08	2.17	9.2	2.5	630
Q925196		3.17	13.85	0.12	1.2	0.105	2.64	27.4	42.8	1.24	2290	1.49	0.12	7.7	2.5	540
Q925197		0.47	0.28	0.11	<0.1	<0.005	0.03	0.6	1.1	13.25	214	0.21	0.01	0.2	2.3	220
Q925198		3.00	17.65	0.16	1.3	0.040	2.56	22.7	16.3	0.88	715	0.76	2.14	7.9	2.9	610
Q925199		3.03	17.40	0.17	1.3	0.040	2.57	23.6	20.6	0.89	732	1.50	2.21	7.9	2.8	620
Q925200		3.06	16.45	0.16	1.2	0.038	2.48	23.0	19.6	0.89	726	0.93	2.19	7.4	2.9	620
Q925201		3.39	16.20	0.16	1.2	0.128	3.14	21.3	12.6	0.81	2570	2.85	0.81	7.3	2.8	600
Q925202		0.43	0.26	0.17	<0.1	<0.005	0.02	0.5	1.1	12.70	199	0.12	0.01	0.1	1.8	180
Q925203		2.99	16.35	0.17	1.2	0.046	2.63	19.4	15.1	0.80	895	0.96	2.07	7.2	2.7	610
Q925204		2.96	17.20	0.21	1.3	0.038	2.54	23.2	14.7	0.75	626	0.82	2.02	7.6	2.7	620
Q925205		8.86	14.25	0.15	0.9	1.445	2.58	19.2	17.6	0.68	2470	15.30	0.05	4.6	13.9	460
Q925206		3.19	15.30	0.13	1.1	0.095	2.52	23.3	39.9	1.14	2080	0.84	0.16	6.7	2.6	560
Q925207		3.03	16.65	0.16	1.3	0.043	2.58	20.1	16.3	0.79	726	0.93	2.05	7.6	2.7	650
Q925208		3.16	16.95	0.16	1.2	0.040	2.66	21.8	16.8	0.82	719	1.18	1.76	7.6	2.7	620
Q925209		2.85	16.85	0.16	1.2	0.057	3.08	19.9	28.6	0.85	1380	0.74	0.49	7.3	2.8	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107838

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925174		32.7	120.5	<0.002	0.17	14.50	11.3	<1	1.9	89.6	0.69	<0.05	12.3	0.275	2.40	3.7
Q925175		17.6	82.9	<0.002	0.02	2.40	10.3	1	1.7	348	0.66	<0.05	9.9	0.254	1.18	2.2
Q925176		14.1	118.5	<0.002	0.41	3.84	10.4	<1	1.9	182.0	0.64	<0.05	10.6	0.254	1.97	3.0
Q925177		14.2	135.5	<0.002	0.58	3.08	11.6	<1	1.8	115.5	0.73	<0.05	12.5	0.273	2.52	2.8
Q925178		13.5	121.5	<0.002	0.57	2.89	10.8	<1	1.7	112.5	0.70	<0.05	11.1	0.258	2.49	2.6
Q925179		9.1	119.0	<0.002	0.51	3.24	10.7	<1	1.7	157.0	0.67	<0.05	11.3	0.258	2.21	3.7
Q925180		17.2	94.3	<0.002	0.01	4.03	12.1	1	2.4	233	0.79	<0.05	13.1	0.289	1.40	2.7
Q925181		192.0	113.0	<0.002	0.55	12.45	11.4	1	4.0	163.5	0.68	<0.05	11.1	0.267	1.75	3.3
Q925182		22.5	86.0	<0.002	0.24	4.42	10.6	1	1.7	267	0.83	<0.05	11.4	0.262	1.54	4.6
Q925183		18.5	86.5	<0.002	0.02	5.08	10.2	<1	1.6	319	0.78	<0.05	11.0	0.265	1.08	3.5
Q925184		18.0	94.9	<0.002	0.05	8.06	11.1	1	2.0	234	0.78	<0.05	12.8	0.272	1.26	4.5
Q925185		13.8	94.6	<0.002	0.13	15.90	10.3	<1	1.9	125.5	0.73	<0.05	12.1	0.257	1.99	4.3
Q925186		13.6	65.3	<0.002	0.07	30.6	9.4	<1	1.9	142.0	0.76	<0.05	11.1	0.230	1.28	4.2
Q925187		19.8	88.1	<0.002	0.02	2.07	10.5	1	1.9	368	0.90	<0.05	11.2	0.261	1.08	3.7
Q925188		18.7	93.2	<0.002	0.02	0.99	11.0	1	1.9	398	0.91	<0.05	11.9	0.272	1.05	5.6
Q925189		427	199.0	<0.002	1.87	12.50	10.3	1	2.2	109.5	0.74	<0.05	13.4	0.232	2.85	6.3
Q925190		489	159.5	0.004	2.60	32.7	9.7	1	6.6	106.0	0.57	0.34	12.5	0.204	2.57	5.4
Q925191		163.0	127.5	<0.002	0.35	5.47	10.4	1	1.8	201	0.79	<0.05	11.1	0.247	2.39	4.8
Q925192		64.8	91.6	<0.002	0.19	2.23	10.5	1	1.7	351	0.87	<0.05	11.3	0.260	1.33	4.1
Q925193		21.0	78.6	<0.002	0.01	0.82	10.7	1	1.8	395	0.85	<0.05	11.8	0.266	1.01	4.3
Q925194		26.7	89.7	<0.002	0.13	7.09	10.2	<1	2.1	287	0.82	<0.05	11.4	0.257	1.44	4.6
Q925195		20.5	81.7	<0.002	0.04	1.50	10.4	1	1.9	386	0.94	<0.05	10.4	0.269	1.08	3.4
Q925196		334	133.0	<0.002	0.71	20.6	10.3	1	1.8	128.5	0.69	<0.05	12.5	0.235	2.18	6.7
Q925197		4.9	1.5	<0.002	<0.01	0.09	0.2	1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q925198		22.3	91.3	<0.002	0.02	1.29	11.0	1	1.6	388	0.73	<0.05	12.6	0.269	0.94	3.3
Q925199		20.6	90.1	<0.002	0.01	0.89	11.3	1	1.5	404	0.71	<0.05	12.1	0.279	0.94	3.8
Q925200		19.9	83.8	<0.002	0.01	0.69	10.7	1	1.5	396	0.66	<0.05	12.0	0.270	0.85	3.8
Q925201		243	138.0	<0.002	0.79	9.36	10.4	1	1.7	202	0.67	<0.05	11.1	0.251	2.09	4.5
Q925202		2.2	1.1	<0.002	<0.01	0.15	0.2	1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q925203		26.2	87.1	<0.002	0.05	1.68	10.0	1	1.6	390	0.64	<0.05	11.0	0.268	1.07	3.2
Q925204		21.3	100.5	<0.002	0.01	2.42	11.0	1	1.5	383	0.67	<0.05	12.8	0.266	0.98	3.5
Q925205		1670	147.0	0.002	7.89	99.1	8.1	2	11.2	63.1	0.42	0.81	8.9	0.174	2.10	5.5
Q925206		224	97.9	<0.002	0.83	10.85	10.0	1	2.1	195.0	0.60	<0.05	11.6	0.250	1.65	4.4
Q925207		21.1	89.0	<0.002	0.02	2.62	10.7	1	1.8	383	0.68	<0.05	11.0	0.281	1.01	2.9
Q925208		21.7	101.0	<0.002	0.01	3.16	10.9	1	1.4	337	0.68	<0.05	12.1	0.269	1.03	2.9
Q925209		34.6	121.0	<0.002	0.19	9.13	10.5	1	2.2	161.0	0.65	<0.05	10.9	0.258	2.20	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107838

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925174		77	4.8	15.2	83	30.6
Q925175		72	1.2	13.7	60	32.5
Q925176		72	2.4	12.6	66	30.3
Q925177		79	3.1	12.3	58	33.3
Q925178		78	3.0	11.2	57	31.0
Q925179		74	3.1	10.9	41	30.1
Q925180		84	2.6	15.8	60	38.4
Q925181		77	3.5	15.2	597	32.2
Q925182		75	2.1	15.2	66	39.0
Q925183		74	1.9	12.9	49	37.4
Q925184		76	2.5	17.3	49	37.8
Q925185		72	3.1	15.3	62	36.3
Q925186		66	2.8	14.2	68	34.9
Q925187		74	1.7	15.8	61	38.4
Q925188		77	1.7	17.1	62	41.0
Q925189		65	3.1	14.9	371	33.8
Q925190		65	5.9	12.2	903	36.1
Q925191		70	3.6	15.1	330	38.4
Q925192		76	2.1	15.5	207	41.8
Q925193		76	1.6	16.0	60	40.9
Q925194		70	2.6	15.3	82	38.0
Q925195		77	1.8	15.8	62	42.3
Q925196		68	4.9	15.1	639	33.5
Q925197		2	0.1	0.9	18	0.6
Q925198		74	0.8	16.9	58	34.6
Q925199		76	0.7	17.1	60	32.7
Q925200		77	1.0	16.3	61	30.8
Q925201		71	2.7	14.8	414	29.6
Q925202		2	0.1	0.7	17	<0.5
Q925203		75	1.2	14.5	67	31.0
Q925204		76	1.3	14.1	60	31.9
Q925205		56	7.5	9.6	3580	24.9
Q925206		70	4.2	14.7	419	26.7
Q925207		81	1.6	14.1	65	34.3
Q925208		77	1.9	14.3	67	30.7
Q925209		72	2.4	15.4	83	31.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107838

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

CERTIFICATE WH14107839

Project: KLAZA

P.O. No.: BATCH 64

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107839

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925210		3.22	<0.005	0.32	8.03	6.5	2360	1.64	0.10	2.79	0.13	46.8	8.0	10	13.45	9.7
Q925211		7.47	<0.005	0.12	6.98	25.6	2100	1.27	0.11	3.59	0.22	46.4	7.3	7	24.3	22.6
Q925212		4.27	<0.005	0.09	7.47	7.4	1960	1.34	0.10	2.59	0.10	44.2	8.8	10	15.75	9.4
Q925213		7.28	<0.005	0.09	7.51	4.6	2200	1.45	0.10	2.89	0.12	46.8	7.7	10	12.10	12.5
Q925214		9.82	<0.005	0.20	7.25	4.5	2100	1.59	0.12	2.57	0.12	49.5	7.9	9	15.60	11.4
Q925215		3.27	0.019	0.74	7.26	59.0	1730	1.52	0.23	2.60	22.3	48.2	7.5	8	22.6	20.8
Q925216		5.81	<0.005	0.26	7.47	17.9	1380	1.58	0.21	2.47	1.01	43.4	9.0	9	28.0	16.8
Q925217		5.05	<0.005	0.12	7.40	6.0	2130	1.47	0.10	2.95	0.14	40.6	8.0	9	30.5	11.3
Q925218		11.36	<0.005	0.08	7.32	5.9	2130	1.57	0.13	2.83	0.18	38.2	7.3	12	22.5	10.5
Q925219		1.39	<0.005	0.07	7.89	5.1	2300	1.64	0.11	2.82	0.10	47.7	8.0	9	14.80	8.5
Q925220		7.76	<0.005	0.10	7.74	11.5	2190	1.18	0.41	1.83	0.15	44.1	7.5	8	19.95	14.4
Q925221		0.23	1.695	39.5	5.94	2560	60	1.20	37.5	1.68	43.5	35.2	16.0	22	10.00	1170
Q925222		3.61	0.009	1.10	6.72	93.6	970	1.61	0.62	2.38	1.15	51.3	12.0	7	23.1	16.4
Q925223		7.30	<0.005	0.12	7.64	7.7	1780	1.30	0.15	1.84	0.20	45.4	6.7	8	22.6	8.0
Q925224		5.27	<0.005	0.08	7.85	4.6	2190	1.84	0.12	2.37	0.10	47.7	7.9	10	19.65	7.4
Q925225		3.28	0.085	2.26	6.38	228	1310	1.44	0.49	4.05	13.90	46.8	7.0	8	18.55	14.2
Q925226		5.41	<0.005	0.16	8.10	20.9	1690	1.46	0.92	1.74	0.13	53.6	11.3	10	15.45	14.2
Q925227		7.03	<0.005	0.10	8.39	5.2	2210	1.20	0.18	1.63	0.08	54.8	8.8	9	11.10	12.4
Q925228		5.78	<0.005	0.11	8.20	9.9	1550	1.27	0.14	1.21	0.16	52.5	7.4	8	22.3	10.4
Q925229		2.95	0.040	10.95	7.14	353	850	1.66	0.14	2.44	8.38	51.1	7.2	7	21.1	71.4
Q925230		4.55	0.010	0.56	7.53	79.4	1020	1.51	0.50	2.14	0.33	49.8	7.1	7	18.75	23.0
Q925231		2.55	0.010	0.52	7.67	105.5	980	1.56	0.40	2.19	0.35	44.3	7.2	8	19.55	22.2
Q925232		8.23	<0.005	0.28	7.29	7.0	1710	1.18	0.29	2.11	0.18	42.9	7.2	8	17.90	58.9
Q925233		10.73	<0.005	0.13	7.62	6.2	2230	1.75	0.16	2.87	0.15	46.8	7.6	9	13.95	7.1
Q925234		2.23	<0.005	0.17	7.17	18.1	1990	1.51	0.98	3.54	0.14	43.1	9.7	9	20.2	5.7
Q925235		3.83	<0.005	0.02	0.09	0.3	30	0.09	0.05	22.2	0.07	1.25	0.8	1	0.26	1.6
Q925236		8.03	<0.005	0.07	7.58	3.9	2150	1.71	0.13	2.83	0.10	45.7	7.8	12	10.10	8.1
Q925237		<0.02	<0.005	0.07	7.77	3.6	2160	1.80	0.12	2.88	0.13	49.6	7.9	12	9.93	10.2
Q925238		3.27	<0.005	0.10	7.05	9.4	1890	1.46	0.12	4.02	0.12	48.8	7.4	7	20.8	10.1
Q925239		4.10	0.007	0.42	7.01	47.2	1420	1.58	0.20	4.28	5.60	48.0	9.9	8	23.9	10.8
Q925240		3.98	<0.005	0.01	0.05	0.6	30	0.05	0.02	20.8	0.07	1.10	0.6	<1	0.14	1.2
Q925241		11.19	<0.005	0.07	7.66	3.6	2220	1.69	0.12	2.86	0.09	45.4	7.6	11	15.85	7.4
Q925242		0.22	0.346	4.49	6.95	720	310	1.42	3.57	2.07	10.60	50.3	12.3	25	13.70	316
Q925243		4.07	<0.005	0.07	6.99	19.2	1500	1.62	0.16	3.21	0.12	40.0	7.6	8	34.8	9.8
Q925244		6.47	<0.005	0.08	7.55	6.3	2050	1.82	0.23	2.91	0.12	43.9	7.6	10	19.25	8.8
Q925245		2.25	<0.005	0.08	7.40	12.1	1740	1.39	0.31	2.56	0.18	45.1	10.0	8	28.6	10.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107839

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925210		3.29	16.10	0.12	1.1	0.036	2.78	23.1	13.4	0.81	868	0.82	2.28	7.9	2.8	670
Q925211		2.78	14.20	0.10	1.1	0.039	2.33	25.3	43.4	1.13	831	0.81	0.32	6.8	3.1	570
Q925212		3.13	15.85	0.12	1.2	0.036	2.57	21.2	45.6	0.69	706	1.25	0.92	8.1	2.9	670
Q925213		3.08	15.45	0.12	1.2	0.039	2.59	22.5	16.7	0.79	696	1.16	2.15	7.6	3.4	630
Q925214		3.12	15.80	0.13	1.2	0.044	2.65	23.9	16.7	0.80	755	1.48	2.10	8.0	3.0	620
Q925215		3.44	15.40	0.15	1.1	0.214	2.93	24.5	41.2	0.82	2110	1.47	0.63	7.7	2.9	610
Q925216		3.20	15.60	0.12	1.2	0.042	2.32	21.7	130.5	0.84	991	1.38	0.12	7.7	3.0	650
Q925217		3.09	15.65	0.11	1.2	0.033	2.62	19.9	22.8	0.68	766	1.13	1.14	7.7	2.7	640
Q925218		3.00	15.40	0.12	1.2	0.036	2.55	18.5	14.3	0.69	653	1.36	2.09	7.6	2.9	610
Q925219		3.18	16.15	0.13	1.2	0.042	2.76	24.1	14.4	0.78	709	0.83	2.25	7.9	2.8	630
Q925220		3.29	15.85	0.15	1.3	0.043	2.29	21.4	40.1	0.66	825	1.56	0.18	8.4	2.8	760
Q925221		9.14	13.50	0.12	0.8	1.530	2.64	19.1	15.7	0.69	2370	17.35	0.06	4.7	14.0	450
Q925222		2.94	14.00	0.11	1.1	0.106	2.25	28.6	129.5	0.91	1960	0.98	0.04	7.4	3.0	580
Q925223		2.80	16.25	0.11	1.5	0.044	1.91	22.4	73.0	0.62	738	1.02	0.09	8.7	2.4	660
Q925224		3.66	15.80	0.12	1.5	0.037	2.69	23.7	22.8	0.77	579	1.06	1.82	8.2	2.8	650
Q925225		4.23	12.95	0.13	1.1	0.214	2.53	25.8	81.5	1.48	3260	0.89	0.07	6.5	2.5	510
Q925226		3.09	16.75	0.13	1.4	0.040	3.00	28.0	67.8	0.81	723	1.46	0.43	8.3	2.9	660
Q925227		2.94	17.15	0.12	1.5	0.045	2.84	28.2	37.7	0.77	602	1.01	0.12	9.1	2.9	710
Q925228		2.68	15.75	0.12	1.4	0.037	2.58	28.4	70.1	0.56	813	1.19	0.09	8.2	2.8	640
Q925229		3.83	14.85	0.13	1.3	0.216	2.84	28.3	62.9	0.92	3410	0.98	0.05	6.9	2.4	550
Q925230		3.28	15.10	0.14	1.4	0.081	2.81	25.4	43.0	0.80	1790	0.87	0.06	7.6	2.2	620
Q925231		3.36	15.90	0.14	1.4	0.091	2.81	22.2	42.8	0.81	1860	1.24	0.06	8.1	2.3	640
Q925232		2.98	15.30	0.13	1.4	0.049	2.51	20.7	29.9	0.65	864	1.11	0.12	8.0	2.2	610
Q925233		3.03	16.10	0.13	1.5	0.041	2.66	22.5	15.8	0.75	731	1.16	2.15	8.2	2.6	630
Q925234		3.19	14.80	0.14	1.2	0.037	2.71	22.0	29.9	1.05	854	1.38	1.06	7.5	2.9	580
Q925235		0.55	0.26	0.16	<0.1	<0.005	0.03	0.6	1.3	13.45	217	0.12	0.01	0.2	1.6	200
Q925236		3.23	16.45	0.15	1.5	0.037	2.61	21.7	15.8	0.86	727	1.28	2.30	8.9	3.0	620
Q925237		3.23	16.25	0.14	1.5	0.041	2.62	24.1	15.5	0.87	742	1.24	2.30	8.7	3.2	640
Q925238		3.10	14.80	0.15	1.5	0.037	2.52	24.8	25.7	0.97	966	1.15	1.11	7.6	2.6	610
Q925239		3.22	14.65	0.12	1.4	0.049	2.62	25.5	65.3	1.30	1820	2.31	0.15	7.3	3.6	590
Q925240		0.46	0.18	0.17	<0.1	<0.005	0.02	0.5	1.1	12.80	200	0.08	<0.01	0.1	1.5	170
Q925241		3.07	15.85	0.16	1.5	0.038	2.64	22.4	31.8	0.79	693	1.23	2.15	8.3	2.6	640
Q925242		5.20	15.25	0.12	1.1	0.302	3.00	29.0	24.7	0.79	1960	15.25	0.15	6.2	14.7	540
Q925243		2.85	15.45	0.12	1.4	0.036	2.48	19.3	34.7	0.73	742	1.56	1.45	8.1	2.6	590
Q925244		3.00	16.00	0.13	1.5	0.033	2.64	21.7	14.2	0.76	706	1.11	2.19	8.5	2.9	620
Q925245		2.99	15.60	0.13	1.4	0.030	2.62	23.1	51.9	0.82	849	0.78	0.35	8.0	2.9	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107839

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925210		23.5	103.5	<0.002	0.03	3.34	11.3	1	1.6	410	0.64	<0.05	11.7	0.282	1.14	3.1
Q925211		18.5	89.2	<0.002	0.15	13.90	9.7	1	3.6	195.0	0.54	<0.05	11.7	0.248	1.79	4.1
Q925212		20.0	88.4	<0.002	0.03	6.81	11.6	1	1.7	248	0.68	<0.05	11.8	0.289	1.20	3.4
Q925213		20.0	91.4	<0.002	0.03	2.28	10.4	1	1.4	400	0.59	<0.05	11.7	0.267	0.98	3.4
Q925214		22.4	104.0	<0.002	0.03	4.35	11.0	<1	1.5	380	0.67	<0.05	12.7	0.265	1.15	3.5
Q925215		97.6	126.5	<0.002	1.00	12.35	10.7	1	1.7	181.0	0.64	<0.05	12.3	0.263	1.72	3.6
Q925216		61.8	82.0	<0.002	0.21	16.20	11.9	1	1.7	165.5	0.58	<0.05	11.0	0.281	1.44	4.1
Q925217		18.3	89.3	<0.002	0.04	7.39	10.7	1	1.6	265	0.60	<0.05	11.2	0.278	1.17	3.3
Q925218		18.5	87.5	<0.002	0.04	3.08	9.8	1	1.6	392	0.62	<0.05	10.6	0.262	1.00	3.5
Q925219		18.6	98.6	0.002	0.01	2.47	11.1	1	1.6	408	0.65	<0.05	13.0	0.281	0.93	3.4
Q925220		15.8	87.7	<0.002	0.15	19.20	11.8	1	1.7	111.0	0.70	<0.05	12.0	0.300	1.27	3.7
Q925221		1720	151.0	0.002	8.12	103.5	8.0	2	10.6	61.4	0.38	0.59	8.7	0.170	2.28	5.4
Q925222		183.5	120.5	<0.002	0.54	30.4	10.4	1	1.5	108.0	0.64	<0.05	12.8	0.246	1.86	7.7
Q925223		15.5	71.7	<0.002	0.05	23.2	10.9	1	1.8	110.0	0.78	<0.05	12.8	0.284	1.07	3.8
Q925224		18.5	109.0	<0.002	0.02	3.42	10.7	1	1.6	341	0.75	<0.05	13.3	0.279	1.14	3.7
Q925225		153.5	135.0	<0.002	1.08	22.1	9.5	1	1.9	132.5	0.57	<0.05	11.7	0.217	2.00	6.9
Q925226		17.2	129.0	<0.002	0.41	13.15	11.7	1	2.1	123.5	0.68	<0.05	13.5	0.287	1.80	5.0
Q925227		21.2	103.5	<0.002	0.03	7.84	11.8	1	2.3	131.0	0.75	<0.05	15.1	0.312	1.20	4.4
Q925228		17.4	109.5	<0.002	0.04	19.00	11.4	1	2.1	104.0	0.71	<0.05	14.2	0.283	1.21	4.0
Q925229		561	148.5	<0.002	1.06	45.1	9.8	1	2.2	123.0	0.61	<0.05	13.0	0.228	2.33	8.7
Q925230		33.6	123.5	0.002	0.46	20.9	10.3	1	1.6	101.5	0.67	<0.05	13.0	0.259	2.01	4.2
Q925231		37.2	116.0	<0.002	0.40	21.0	10.6	1	1.7	106.0	0.74	<0.05	12.4	0.268	2.00	4.9
Q925232		21.7	85.3	<0.002	0.03	16.80	10.3	1	1.7	117.5	0.71	<0.05	11.5	0.270	1.08	2.8
Q925233		20.5	101.0	<0.002	0.04	2.82	10.4	1	1.6	396	0.74	<0.05	12.1	0.267	1.05	4.4
Q925234		16.9	112.5	<0.002	0.61	4.56	9.6	1	1.9	243	0.67	<0.05	11.5	0.252	1.56	5.6
Q925235		1.7	1.4	<0.002	0.05	0.14	0.2	<1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q925236		19.3	99.1	<0.002	0.02	1.69	11.0	1	1.9	402	0.80	<0.05	12.0	0.281	1.08	5.2
Q925237		18.7	104.5	<0.002	0.02	1.69	11.8	1	2.3	407	0.80	<0.05	13.2	0.285	1.01	5.0
Q925238		17.8	95.3	0.002	0.05	4.87	10.0	1	1.8	320	0.69	<0.05	11.8	0.250	1.12	5.5
Q925239		141.0	121.0	<0.002	0.31	13.65	11.6	1	1.7	185.0	0.65	<0.05	11.7	0.266	1.79	5.5
Q925240		1.6	0.9	<0.002	<0.01	0.12	0.1	1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q925241		18.8	103.5	<0.002	0.01	1.62	10.7	1	1.6	402	0.77	<0.05	12.5	0.267	1.06	4.9
Q925242		496	166.5	0.004	2.77	28.4	9.4	2	5.7	111.5	0.51	0.30	11.9	0.213	2.61	5.4
Q925243		16.1	91.3	<0.002	0.13	3.91	9.8	1	1.9	313	0.80	<0.05	10.4	0.251	1.70	5.5
Q925244		18.6	103.0	<0.002	0.03	2.11	10.4	1	1.9	399	0.82	<0.05	12.1	0.269	1.09	4.7
Q925245		13.5	96.5	<0.002	0.14	10.90	10.3	<1	2.0	177.0	0.76	<0.05	11.8	0.257	1.32	7.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107839

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925210		81	1.1	15.8	70	28.6
Q925211		72	2.5	15.6	67	26.6
Q925212		87	2.5	16.1	65	30.1
Q925213		76	1.3	15.0	60	28.3
Q925214		77	1.3	16.6	62	27.9
Q925215		77	2.6	14.9	2770	26.7
Q925216		87	7.3	16.8	164	28.6
Q925217		82	2.0	14.6	66	30.3
Q925218		75	0.9	13.8	61	31.1
Q925219		79	0.8	16.5	59	29.1
Q925220		91	5.1	17.5	65	30.6
Q925221		59	7.2	9.2	3440	22.4
Q925222		74	2.9	15.5	138	27.0
Q925223		81	8.7	15.1	78	36.4
Q925224		78	1.7	15.5	68	35.7
Q925225		66	3.0	16.8	854	26.7
Q925226		83	4.3	18.5	54	35.4
Q925227		86	6.3	19.2	57	36.6
Q925228		79	6.9	16.0	67	34.8
Q925229		69	4.2	16.4	695	31.9
Q925230		76	7.0	16.0	93	33.0
Q925231		79	7.1	16.4	100	33.6
Q925232		77	5.7	15.4	64	33.4
Q925233		78	1.7	15.7	60	35.2
Q925234		73	2.0	17.5	48	30.3
Q925235		3	0.1	0.8	15	<0.5
Q925236		82	1.8	17.3	62	36.0
Q925237		81	1.6	18.4	62	37.5
Q925238		73	1.8	19.7	58	35.6
Q925239		82	7.4	18.2	429	32.2
Q925240		2	0.1	0.7	15	0.6
Q925241		78	1.5	17.5	59	35.8
Q925242		69	5.7	12.0	899	31.9
Q925243		72	2.0	14.4	57	34.1
Q925244		75	1.8	17.0	58	36.7
Q925245		75	2.0	15.1	63	32.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14107839

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

CERTIFICATE WH14109127

Project: KLAZA

P.O. No.: Batch 70

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

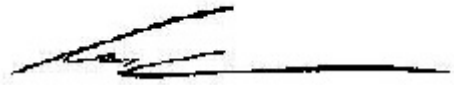
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109127

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q925637		8.52	<0.005	0.07	7.09	6.4	1560	1.69	0.16	2.16	0.04	51.1	2.5	10	9.42	12.8
Q925638		8.13	<0.005	0.06	7.11	6.1	1720	1.48	0.14	2.34	0.03	66.4	4.5	13	8.67	5.9
Q925639		8.37	<0.005	0.09	7.20	14.9	1290	1.59	0.15	1.97	0.08	54.6	2.8	13	12.05	4.4
Q925640		5.12	0.009	0.08	7.48	12.2	1430	1.42	0.21	1.95	0.10	72.9	17.0	9	12.50	6.8
Q925641		4.07	<0.005	0.01	0.07	<0.2	30	0.05	0.01	20.9	0.06	1.13	0.7	1	0.14	1.2
Q925642		2.64	<0.005	0.11	7.43	8.8	2210	1.43	0.13	2.62	0.11	47.7	6.7	7	14.30	4.2
Q925643		2.44	0.304	55.7	6.72	1435	880	1.55	1.81	2.79	36.2	58.2	13.8	5	12.05	199.0
Q925644		6.35	<0.005	0.15	7.23	18.3	990	1.63	0.14	3.03	0.16	46.5	4.3	8	16.70	23.8
Q925645		0.22	0.378	4.65	7.10	760	790	1.41	3.11	2.14	10.85	49.3	11.6	26	12.70	329
Q925646		2.84	<0.005	0.22	6.45	8.3	2610	1.50	0.19	6.01	0.16	52.3	4.8	7	13.65	8.2
Q925647		2.52	<0.005	0.18	6.46	9.7	1390	1.44	0.41	4.73	0.09	42.1	12.7	5	9.69	4.8
Q925648		2.26	<0.005	0.10	6.68	5.4	1370	1.56	0.33	2.79	0.04	42.0	5.7	6	5.91	1.8
Q925649		0.86	<0.005	0.14	6.91	5.3	1420	1.54	0.46	2.88	0.05	41.0	6.3	6	5.58	2.0
Q925650		2.94	0.068	0.29	7.61	27.1	2470	1.45	0.48	1.87	0.92	43.8	10.2	6	8.35	14.9
Q925651		4.49	0.082	0.31	7.72	22.8	2620	1.60	0.51	1.68	1.18	44.9	14.5	8	13.50	13.3
Q925652		0.22	1.740	38.8	5.54	2500	110	1.10	34.3	1.60	43.6	32.3	15.3	22	9.16	1155
Q925653		6.05	0.016	0.24	7.19	17.8	2400	1.68	0.36	2.43	0.38	38.1	10.8	8	20.4	30.8
Q925654		5.37	0.010	0.19	6.85	15.9	2090	1.37	0.34	2.05	0.16	39.1	10.2	8	21.1	29.3
Q925655		4.47	0.018	0.17	7.54	19.5	2360	1.35	0.36	1.40	0.27	48.8	10.9	8	23.6	17.2
Q925656		2.68	0.023	0.96	7.38	140.5	2220	1.64	0.41	2.49	6.44	50.2	12.5	8	24.1	24.4
Q925657		3.79	<0.005	0.02	0.09	<0.2	30	0.11	0.04	21.0	0.08	1.64	0.7	1	0.17	1.9
Q925658		5.28	<0.005	0.16	7.37	9.6	2380	1.55	0.21	2.48	0.21	43.5	6.6	7	17.25	22.8
Q925659		3.61	<0.005	0.14	7.46	10.0	2240	1.52	0.23	2.38	0.22	49.9	6.5	12	11.75	17.7
Q925660		7.58	<0.005	0.15	7.29	10.1	2130	1.61	0.25	2.28	0.16	50.9	6.6	12	9.18	23.3
Q925661		3.86	<0.005	0.16	7.21	8.3	2220	1.60	0.24	2.38	0.19	48.0	7.1	12	13.95	12.3
Q925662		<0.02	<0.005	0.12	7.31	6.9	2240	1.73	0.24	2.40	0.21	46.0	7.4	12	14.20	11.9
Q925663		2.49	0.175	20.3	6.80	1330	1360	1.50	0.21	2.23	51.5	45.1	6.0	10	19.25	23.5
Q925664		2.70	<0.005	0.77	7.63	18.6	2210	1.76	0.17	1.80	1.88	48.2	6.4	7	22.3	17.1
Q925665		2.47	0.136	2.98	6.90	1475	1730	1.72	0.20	2.19	9.64	41.7	6.1	10	22.9	13.7
Q925666		3.43	<0.005	0.61	6.52	16.7	1940	1.64	0.22	3.06	2.85	41.2	5.8	10	21.4	11.4
Q925667		4.57	0.006	0.75	7.06	83.1	1750	1.56	0.26	2.36	3.80	46.7	5.0	12	22.0	9.7
Q925668		3.50	<0.005	0.56	7.14	37.8	740	1.61	0.23	3.21	1.14	48.0	4.5	11	13.80	14.1
Q925669		5.79	0.261	6.73	6.64	766	1050	1.74	0.62	2.09	34.5	47.7	7.9	10	16.70	31.8
Q925670		6.29	0.017	1.39	7.36	95.0	1590	1.69	0.57	2.68	1.24	48.0	3.6	12	15.65	39.4
Q925671		3.52	4.08	71.1	6.70	7250	340	1.50	0.59	1.18	71.1	55.1	5.3	12	18.10	103.0
Q925672		5.15	0.492	7.65	7.16	1490	1420	1.72	0.44	2.25	42.5	51.0	8.1	8	12.30	30.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109127

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925637		2.68	15.75	0.11	1.1	0.120	2.00	27.0	18.4	0.67	765	0.62	2.12	7.7	2.3	550
Q925638		2.96	15.25	0.14	0.9	0.139	2.09	35.2	47.8	0.80	901	1.16	1.57	7.3	2.5	580
Q925639		2.69	15.95	0.14	1.1	0.109	1.88	28.2	148.5	0.61	775	0.74	1.06	7.7	2.5	600
Q925640		2.78	16.40	0.13	1.1	0.082	2.29	38.4	174.0	0.73	752	1.12	0.57	7.7	2.7	620
Q925641		0.55	0.22	0.08	<0.1	<0.005	0.03	0.5	1.7	13.20	218	0.11	<0.01	0.2	1.6	180
Q925642		2.87	15.85	0.16	1.3	0.064	3.00	23.8	46.2	0.83	914	1.41	1.00	8.0	2.2	620
Q925643		4.29	13.50	0.11	1.0	0.275	2.31	33.0	223	1.01	2640	2.60	0.07	6.4	2.1	500
Q925644		2.61	16.15	0.13	1.2	0.080	2.23	23.4	122.0	0.84	831	2.28	0.91	8.1	2.6	590
Q925645		5.33	14.90	0.11	1.1	0.309	3.08	27.6	26.0	0.83	2030	14.20	0.16	6.0	13.8	560
Q925646		2.19	13.50	0.11	0.9	0.073	2.19	29.4	28.7	0.60	1170	1.61	1.61	6.6	1.8	510
Q925647		2.23	12.95	0.10	1.3	0.146	2.36	23.2	19.5	0.42	1200	2.07	1.08	6.0	1.5	400
Q925648		2.22	14.45	0.13	1.2	0.172	2.62	21.0	8.1	0.34	909	0.74	2.02	7.2	1.6	430
Q925649		2.28	14.15	0.12	1.4	0.161	2.50	20.7	7.6	0.37	930	0.83	2.12	7.4	1.6	440
Q925650		5.34	15.40	0.11	1.5	0.116	2.98	23.5	13.3	0.71	1780	1.47	1.97	7.9	2.3	830
Q925651		3.80	16.45	0.10	1.2	0.121	3.33	24.1	10.9	0.49	1050	1.79	2.15	8.0	2.6	650
Q925652		8.72	13.20	0.10	0.8	1.450	2.54	16.1	15.5	0.66	2340	16.30	0.06	4.5	13.4	440
Q925653		3.09	16.15	0.10	1.1	0.071	3.13	18.7	15.3	0.37	1480	2.02	1.53	7.7	2.4	600
Q925654		3.03	15.35	0.12	1.1	0.071	2.77	19.0	21.8	0.41	875	1.33	0.90	7.3	2.0	580
Q925655		2.78	15.90	0.12	1.1	0.086	2.93	25.9	33.2	0.35	923	1.27	0.62	7.6	2.3	600
Q925656		3.04	15.50	0.13	1.2	0.067	2.98	26.7	16.7	0.64	1620	2.43	1.38	7.2	2.4	570
Q925657		0.50	0.26	0.08	<0.1	0.006	0.03	0.8	1.3	13.45	215	0.07	0.01	0.3	1.5	200
Q925658		2.93	16.00	0.12	1.2	0.062	2.94	21.5	14.2	0.61	704	1.55	1.87	7.9	2.1	590
Q925659		2.92	17.15	0.19	1.3	0.072	2.81	25.6	12.5	0.79	775	2.09	2.28	8.2	2.7	600
Q925660		2.76	16.70	0.21	1.3	0.096	2.64	26.4	15.3	0.81	661	1.13	2.35	8.2	2.4	580
Q925661		2.72	16.50	0.20	1.3	0.049	2.71	24.4	13.2	0.73	607	1.33	2.20	8.3	2.3	570
Q925662		2.75	16.95	0.22	1.3	0.043	2.72	23.3	13.1	0.74	613	1.21	2.24	8.3	2.4	580
Q925663		2.85	15.40	0.17	1.2	0.083	2.88	23.5	39.4	0.71	2680	1.22	0.21	7.4	2.2	530
Q925664		3.30	16.95	0.19	1.4	0.051	3.34	24.8	51.1	0.64	1310	2.57	0.63	8.2	2.2	630
Q925665		3.08	15.75	0.22	1.1	0.050	3.30	20.8	22.5	0.57	1840	1.62	0.69	7.7	2.2	550
Q925666		2.69	15.80	0.18	1.2	0.062	2.86	20.5	31.1	0.83	948	1.63	0.91	7.5	2.4	530
Q925667		2.68	16.45	0.23	1.2	0.060	2.98	24.1	70.0	0.69	1710	2.13	0.45	7.6	2.1	550
Q925668		2.71	16.45	0.21	1.2	0.060	2.23	24.9	62.8	1.06	1480	1.35	0.04	8.1	2.3	560
Q925669		3.07	15.30	0.20	1.2	0.099	2.23	26.4	43.4	0.77	2330	1.74	0.02	7.0	2.3	490
Q925670		3.00	17.55	0.21	1.3	0.142	2.29	25.1	44.9	0.90	1860	1.69	0.03	8.2	2.1	610
Q925671		4.35	17.55	0.14	1.2	0.180	2.62	30.5	32.2	0.50	2360	1.47	0.02	7.1	2.1	470
Q925672		3.62	16.45	0.12	1.1	1.795	3.09	28.5	17.9	0.81	3550	2.49	0.02	7.4	2.2	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109127

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925637		5.4	83.7	<0.002	0.09	4.73	8.9	1	2.1	238	0.64	<0.05	10.1	0.238	1.36	2.6
Q925638		5.1	88.5	<0.002	0.17	5.98	9.2	1	2.4	193.5	0.54	<0.05	9.3	0.255	1.56	3.0
Q925639		9.4	75.0	<0.002	0.16	14.50	9.6	1	1.9	265	0.61	<0.05	10.0	0.258	2.14	3.0
Q925640		11.2	89.3	<0.002	0.24	10.70	9.5	1	2.4	240	0.62	<0.05	10.9	0.250	2.02	4.4
Q925641		1.6	1.0	<0.002	0.01	0.13	0.2	1	<0.2	43.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q925642		15.2	105.0	<0.002	0.12	7.24	9.6	<1	1.7	252	0.66	<0.05	11.4	0.263	1.48	5.2
Q925643		5200	123.0	<0.002	2.42	101.5	8.2	1	2.6	182.0	0.53	0.07	10.8	0.214	2.25	7.0
Q925644		15.2	76.5	<0.002	0.21	17.35	9.4	1	1.6	307	0.71	<0.05	11.4	0.247	2.12	5.0
Q925645		490	161.0	0.004	2.83	26.2	8.9	2	5.4	110.5	0.49	0.31	10.5	0.227	2.51	5.1
Q925646		24.0	87.8	<0.002	0.06	9.24	8.3	1	1.4	421	0.54	<0.05	10.2	0.219	1.12	17.9
Q925647		8.5	98.7	<0.002	0.34	6.24	6.7	1	1.2	254	0.60	0.06	17.2	0.182	1.27	12.9
Q925648		6.4	104.5	<0.002	0.19	3.54	6.9	1	1.4	185.5	0.71	<0.05	14.9	0.193	1.32	4.8
Q925649		5.0	97.5	<0.002	0.19	3.59	6.7	1	1.4	185.0	0.78	<0.05	17.0	0.198	1.30	4.5
Q925650		33.8	126.0	<0.002	0.62	3.97	10.1	1	6.8	327	0.61	0.12	11.3	0.288	1.71	3.0
Q925651		26.3	133.5	<0.002	0.34	4.53	10.3	1	4.5	314	0.63	0.12	11.8	0.271	1.88	3.1
Q925652		1580	133.5	<0.002	7.70	101.0	7.5	2	10.0	59.0	0.35	0.66	7.7	0.168	2.14	5.2
Q925653		32.6	116.5	<0.002	0.22	8.27	9.2	1	3.3	257	0.60	0.10	9.8	0.261	1.87	2.5
Q925654		16.5	107.5	<0.002	0.31	11.70	9.3	1	3.6	163.5	0.57	0.08	10.0	0.243	1.88	3.1
Q925655		22.7	128.5	<0.002	0.24	15.70	9.8	1	2.8	151.5	0.59	0.10	12.1	0.256	2.77	5.1
Q925656		153.5	129.5	<0.002	0.47	9.62	9.6	1	2.5	286	0.59	0.07	12.1	0.244	1.83	3.2
Q925657		1.5	1.3	<0.002	<0.01	0.08	0.2	1	<0.2	44.0	<0.05	<0.05	0.2	<0.005	<0.02	0.9
Q925658		19.0	107.5	<0.002	0.11	7.83	9.3	1	2.9	305	0.63	<0.05	10.8	0.266	1.54	2.7
Q925659		19.2	113.5	<0.002	0.06	2.27	10.3	1	3.2	381	0.65	<0.05	12.0	0.259	1.44	3.1
Q925660		18.6	110.5	<0.002	0.02	2.06	10.1	1	3.6	378	0.66	<0.05	12.6	0.249	1.25	2.9
Q925661		20.9	108.5	<0.002	0.01	1.49	9.7	1	2.4	370	0.67	<0.05	12.3	0.253	1.26	3.1
Q925662		20.6	112.0	<0.002	0.01	1.55	10.0	1	2.5	373	0.68	<0.05	12.1	0.257	1.27	3.1
Q925663		1110	121.5	<0.002	0.77	37.3	9.2	1	3.1	131.0	0.59	<0.05	12.1	0.226	2.04	4.5
Q925664		111.0	138.5	<0.002	0.09	15.75	10.4	1	2.0	174.0	0.65	<0.05	12.5	0.267	2.18	3.1
Q925665		391	138.0	<0.002	0.74	20.3	9.4	1	2.9	183.5	0.61	<0.05	11.4	0.243	2.25	4.8
Q925666		92.1	101.0	<0.002	0.15	11.40	9.3	1	2.4	249	0.59	<0.05	10.4	0.240	1.94	3.6
Q925667		110.5	125.5	<0.002	0.18	16.70	9.5	<1	2.3	187.0	0.61	<0.05	11.9	0.240	2.16	4.0
Q925668		49.5	95.5	<0.002	0.20	16.90	10.3	1	2.7	176.0	0.64	<0.05	12.0	0.247	2.32	4.2
Q925669		811	123.0	<0.002	1.39	31.6	9.1	1	4.5	210	0.56	<0.05	12.2	0.222	2.21	4.1
Q925670		43.8	99.1	<0.002	0.48	32.0	10.4	1	3.5	197.5	0.63	<0.05	12.6	0.260	2.35	4.9
Q925671		1015	143.5	<0.002	3.16	147.0	9.8	<1	13.1	147.0	0.56	0.09	11.2	0.226	2.66	4.3
Q925672		993	169.0	<0.002	1.92	38.5	9.5	1	4.4	133.0	0.59	<0.05	13.1	0.221	2.87	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109127

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925637		63	5.1	11.7	43	25.4
Q925638		69	6.5	12.0	46	22.9
Q925639		69	4.5	12.9	48	23.7
Q925640		70	6.5	15.1	47	27.8
Q925641		3	0.2	0.7	14	<0.5
Q925642		71	2.8	14.8	42	31.0
Q925643		60	5.7	13.8	3780	24.2
Q925644		66	3.5	14.6	56	29.4
Q925645		70	5.4	11.5	939	30.3
Q925646		58	2.0	22.5	52	23.5
Q925647		48	1.3	15.8	41	28.5
Q925648		50	1.6	13.4	39	29.1
Q925649		49	1.7	13.4	37	29.9
Q925650		87	161.0	14.0	135	43.9
Q925651		76	75.3	14.8	145	32.6
Q925652		57	7.0	8.5	3350	21.4
Q925653		70	12.1	13.1	76	30.4
Q925654		69	17.2	13.4	50	30.1
Q925655		69	3.6	14.5	64	30.4
Q925656		67	3.9	15.1	430	28.9
Q925657		3	0.1	0.8	16	0.6
Q925658		73	3.0	14.5	56	30.1
Q925659		72	2.3	16.5	53	30.9
Q925660		69	1.6	16.4	49	32.1
Q925661		67	1.4	15.9	51	32.3
Q925662		68	1.4	16.3	50	32.2
Q925663		63	6.1	13.9	3160	32.4
Q925664		73	3.8	14.4	172	33.8
Q925665		66	3.9	13.4	722	29.3
Q925666		67	3.3	14.2	179	30.3
Q925667		65	3.6	14.2	264	30.5
Q925668		70	3.9	16.4	145	31.4
Q925669		61	5.7	13.2	2080	28.9
Q925670		70	3.5	15.8	145	32.5
Q925671		66	5.4	10.8	4500	28.1
Q925672		62	6.2	13.2	3520	26.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109127

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

CERTIFICATE WH14109128

Project: KLAZA

P.O. No.: Batch 71

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

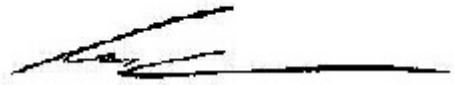
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109128

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925318		5.01	<0.005	0.19	8.35	13.2	4240	1.58	0.17	1.47	0.29	52.0	8.6	15	24.0	15.2
Q925319		3.25	1.880	6.01	5.29	808	400	1.06	6.87	1.83	9.43	27.5	13.1	8	11.15	214
Q925320		1.89	0.010	1.97	6.64	144.5	690	1.44	0.62	1.05	8.11	41.2	7.6	10	15.15	20.6
Q925321		2.18	5.55	50.2	1.75	6210	190	0.42	131.5	3.55	45.8	5.75	25.0	9	3.90	124.5
Q925322		4.78	0.006	0.25	0.05	8.6	30	0.06	0.91	22.1	0.18	1.14	0.7	4	0.13	3.0
Q925323		6.05	0.452	7.94	5.22	1615	470	1.13	1.65	1.26	18.75	29.7	8.6	17	12.55	39.0
Q925324		6.11	0.033	1.46	7.80	144.5	750	1.54	0.73	1.88	1.35	54.3	8.2	14	21.6	25.2
Q925325		0.22	1.725	39.8	5.81	2550	190	1.24	34.9	1.69	46.1	36.8	16.3	26	9.77	1200
Q925326		3.40	0.663	1.80	7.10	5290	1160	1.63	0.22	2.36	11.30	48.3	9.3	13	17.30	39.6
Q925327		5.90	0.010	0.55	7.39	152.0	1590	1.56	0.20	2.20	0.73	50.2	8.0	15	22.1	45.6
Q925328		4.86	0.051	2.28	6.40	336	810	1.22	0.47	2.03	8.94	50.8	7.2	11	14.85	42.8
Q925329		6.86	<0.005	0.87	7.52	42.0	910	1.45	0.24	1.91	8.22	49.1	6.9	11	14.45	10.8
Q925330		2.37	0.005	1.19	7.05	30.3	1080	1.50	0.32	1.89	11.20	47.2	7.3	11	13.55	11.1
Q925331		8.07	<0.005	0.42	7.03	22.3	1480	1.41	0.20	2.33	2.67	43.7	6.8	11	12.35	10.1
Q925332		4.03	<0.005	0.10	7.10	7.4	2010	1.37	0.12	2.23	0.53	49.9	7.3	10	13.85	8.0
Q925333		6.51	0.024	0.32	7.61	210	2060	1.44	0.16	1.85	1.60	51.6	8.5	13	13.75	15.4
Q925334		3.03	0.005	0.58	6.75	96.0	1510	1.48	0.12	2.11	0.71	33.1	7.9	12	13.80	85.0
Q925335		4.76	<0.005	0.96	7.07	58.7	1070	1.48	0.09	2.08	1.47	48.6	7.4	11	15.25	150.0
Q925336		5.74	<0.005	0.26	7.99	13.9	1850	1.28	0.09	1.00	0.09	55.8	7.6	12	15.80	26.8
Q925337		<0.02	<0.005	0.26	7.91	14.5	1820	1.26	0.08	1.01	0.12	53.5	7.2	12	15.05	33.8
Q925338		3.94	0.007	0.44	6.58	69.4	1080	1.36	0.26	2.37	0.35	41.6	8.1	11	16.40	28.9
Q925339		6.08	0.008	0.51	7.08	113.0	1390	1.41	0.28	1.90	3.33	41.8	8.3	9	17.70	61.9
Q925340		7.50	0.006	0.22	8.14	24.6	1610	1.37	0.14	1.17	2.11	57.6	7.8	10	16.90	29.5
Q925341		0.22	0.931	11.95	6.45	1500	480	1.50	11.90	1.81	32.4	49.6	17.8	19	13.10	279
Q925342		2.62	0.073	0.85	7.14	189.5	1430	1.41	0.11	2.18	3.53	53.3	8.3	8	16.00	40.9
Q925343		5.12	0.006	0.55	7.65	67.6	2240	1.50	0.13	1.71	0.14	49.0	8.9	9	22.0	37.1
Q925344		2.48	0.038	2.02	7.45	266	1120	1.56	0.14	2.12	5.67	53.1	8.6	8	18.75	114.5
Q925345		3.78	<0.005	0.01	0.07	0.6	30	0.05	0.03	20.1	0.07	1.25	0.8	<1	0.17	2.8
Q925346		10.34	<0.005	0.18	7.88	20.0	1910	1.32	0.17	1.72	0.33	49.6	8.5	9	12.75	8.7
Q925347		8.54	<0.005	0.16	7.39	6.3	2020	1.68	0.20	2.68	0.13	45.2	8.4	13	19.00	8.6
Q925348		8.51	<0.005	0.18	7.13	16.2	2020	1.59	0.32	2.74	0.21	46.6	8.0	10	16.90	10.5
Q925349		4.00	0.022	1.07	7.10	255	1360	1.44	0.27	3.79	0.49	47.7	8.3	8	23.9	7.2
Q925350		2.99	0.008	1.37	6.91	54.2	1870	1.48	0.19	4.47	0.22	53.3	8.1	7	21.3	9.6
Q926001		6.81	0.010	1.15	7.35	96.5	2490	1.55	0.14	3.89	1.04	57.5	8.6	15	22.5	17.8
Q926002		1.32	0.167	20.1	7.33	518	300	1.56	2.35	0.95	33.2	56.2	11.2	13	15.40	48.2
Q926003		3.74	0.015	0.40	7.55	69.1	2050	1.85	0.52	2.36	0.76	55.9	8.8	10	18.35	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109128

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925318		3.27	18.95	0.17	1.2	0.043	2.38	26.7	52.8	0.59	1140	0.91	0.06	9.1	2.8	750
Q925319		5.33	13.45	0.10	0.8	0.261	2.27	14.3	21.8	0.35	2570	9.41	0.02	5.0	2.9	400
Q925320		4.28	15.25	0.11	1.0	0.250	2.66	22.6	28.6	0.60	7610	6.36	0.02	6.4	3.0	530
Q925321		10.80	5.53	<0.05	0.2	0.371	0.74	3.1	20.9	1.00	9450	26.1	0.01	1.5	2.6	80
Q925322		0.53	0.21	<0.05	<0.1	0.005	0.02	0.5	1.0	14.05	249	0.14	<0.01	0.1	1.6	210
Q925323		4.13	12.30	<0.05	0.8	0.196	2.37	15.1	20.1	0.50	2470	18.55	0.02	5.2	3.9	400
Q925324		3.18	17.50	0.07	1.2	0.079	3.05	29.8	36.8	0.73	2520	3.54	0.02	7.9	3.0	640
Q925325		8.96	14.20	<0.05	0.9	1.530	2.61	17.9	15.4	0.68	2300	17.95	0.06	4.9	14.6	460
Q925326		3.37	15.80	0.07	1.2	0.089	2.87	26.4	32.3	0.81	4250	1.66	0.02	7.3	3.4	580
Q925327		3.28	16.50	0.11	1.2	0.087	2.71	26.6	72.0	0.82	2240	0.83	0.03	7.8	2.7	630
Q925328		3.78	14.70	0.09	1.0	0.165	2.23	27.7	53.2	0.63	2100	0.89	0.02	6.6	2.4	500
Q925329		4.30	16.35	0.11	1.2	0.310	2.71	26.7	76.6	0.81	2200	1.43	0.07	7.6	2.8	620
Q925330		4.24	15.75	0.09	1.1	0.282	2.50	26.0	72.6	0.81	2300	1.14	0.03	7.3	2.6	580
Q925331		3.69	16.30	0.11	1.2	0.127	2.78	22.0	17.7	0.77	1380	0.71	1.09	7.4	2.7	580
Q925332		2.81	16.30	0.16	1.2	0.047	2.35	26.1	28.2	0.84	796	0.72	0.87	7.4	2.8	570
Q925333		3.28	16.80	0.17	1.2	0.087	2.67	26.8	33.6	0.80	988	0.97	0.41	8.2	2.8	630
Q925334		2.80	15.95	0.15	1.2	0.067	3.20	15.2	36.7	0.59	1810	0.81	0.09	7.5	2.6	570
Q925335		3.36	16.00	0.15	1.2	0.096	3.12	25.9	47.7	0.83	2040	0.75	0.04	7.4	3.0	570
Q925336		3.04	17.90	0.19	1.3	0.052	2.71	30.5	34.7	0.52	1060	0.64	0.08	8.3	2.8	650
Q925337		3.04	17.15	0.13	1.3	0.048	2.72	29.0	33.8	0.52	1090	0.58	0.08	8.2	2.5	650
Q925338		3.02	15.85	0.19	1.1	0.054	3.07	21.1	26.0	0.82	1900	0.68	0.05	6.9	3.0	540
Q925339		3.16	16.75	0.17	1.2	0.121	2.86	20.7	27.5	0.73	2000	0.71	0.05	7.9	2.7	580
Q925340		3.31	18.55	0.14	1.4	0.096	2.40	30.8	38.2	0.53	1440	0.69	0.05	8.4	3.6	640
Q925341		6.20	16.00	0.17	1.1	0.867	2.75	26.2	19.8	0.73	1740	9.00	0.12	6.4	12.8	510
Q925342		3.56	15.50	0.13	1.1	0.074	2.59	29.0	42.6	0.91	3140	0.79	0.03	7.1	3.2	570
Q925343		3.07	17.80	0.17	1.2	0.047	2.74	24.2	40.1	0.68	1260	0.55	0.07	8.2	2.8	630
Q925344		3.28	16.95	0.18	1.2	0.089	3.04	27.7	38.2	0.78	2860	0.80	0.06	7.8	3.0	590
Q925345		0.49	0.31	0.17	<0.1	0.005	0.03	0.6	0.9	12.65	227	0.11	<0.01	0.1	1.9	190
Q925346		3.16	17.40	0.19	1.3	0.036	2.36	24.9	42.5	0.54	1160	0.65	0.09	8.0	2.8	680
Q925347		3.24	16.95	0.22	1.3	0.036	2.53	21.4	20.3	0.87	708	0.74	1.42	8.5	2.9	650
Q925348		3.79	16.85	0.15	1.3	0.072	3.11	22.8	50.1	0.84	1240	0.71	0.23	8.1	2.8	630
Q925349		2.98	16.30	0.15	1.2	0.049	2.25	24.0	116.0	1.18	1560	0.66	0.04	7.6	2.6	610
Q925350		3.05	15.25	0.19	1.1	0.042	2.49	28.7	53.7	1.59	1660	0.71	0.04	7.4	2.9	590
Q926001		3.04	16.15	0.22	1.7	0.047	2.36	30.7	68.8	1.36	2040	0.95	0.03	8.1	4.4	720
Q926002		4.04	19.20	0.15	2.1	0.278	2.70	29.3	102.5	0.49	617	2.37	0.03	8.4	6.1	790
Q926003		3.37	18.10	0.17	1.4	0.107	2.68	29.1	109.0	0.85	1600	0.97	0.06	8.4	3.2	700

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109128

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925318		30.1	99.8	<0.002	0.13	20.7	13.0	1	1.8	134.0	0.66	<0.05	12.1	0.317	1.40	4.1
Q925319		483	136.5	<0.002	4.31	89.8	7.8	1	7.4	67.1	0.38	<0.05	7.5	0.180	1.70	7.8
Q925320		350	157.0	<0.002	0.53	37.3	9.8	1	3.0	65.0	0.49	<0.05	10.5	0.234	2.19	10.1
Q925321		3960	47.2	0.006	9.22	154.5	3.7	1	4.6	45.4	0.10	0.13	2.4	0.049	0.69	17.9
Q925322		8.3	1.1	<0.002	0.01	0.90	0.2	1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q925323		776	155.0	0.002	3.41	85.1	8.3	1	4.1	40.7	0.40	<0.05	8.5	0.182	2.06	39.7
Q925324		215	159.5	<0.002	0.69	31.1	11.3	1	1.8	211	0.63	<0.05	13.5	0.271	2.94	6.0
Q925325		1665	144.0	0.002	8.06	108.5	8.0	2	11.1	64.0	0.40	0.69	8.7	0.170	2.24	5.2
Q925326		308	197.0	<0.002	1.66	62.0	10.7	1	2.8	152.5	0.59	<0.05	12.4	0.250	2.97	6.4
Q925327		49.1	137.5	<0.002	0.30	34.3	11.1	1	1.8	145.0	0.65	<0.05	12.8	0.262	2.50	3.6
Q925328		701	137.0	<0.002	1.57	46.2	9.4	1	3.6	101.0	0.56	<0.05	11.3	0.219	1.84	5.2
Q925329		413	150.0	<0.002	0.35	14.35	10.9	1	2.9	113.5	0.60	<0.05	13.2	0.263	2.29	5.9
Q925330		546	144.5	<0.002	0.43	14.50	10.2	1	3.0	101.5	0.59	<0.05	12.3	0.253	2.12	5.9
Q925331		165.5	130.0	<0.002	0.14	3.71	10.2	1	3.0	234	0.58	<0.05	10.8	0.251	1.67	4.1
Q925332		31.6	103.5	<0.002	0.06	29.1	10.9	1	2.3	218	0.63	<0.05	12.7	0.251	1.13	5.1
Q925333		45.0	106.5	<0.002	0.14	25.7	11.4	1	1.7	197.0	0.67	<0.05	12.6	0.282	1.28	4.7
Q925334		43.7	126.5	<0.002	0.46	22.9	9.4	1	1.6	130.0	0.63	<0.05	9.6	0.253	2.16	3.9
Q925335		49.0	160.0	<0.002	0.20	38.7	10.4	1	2.0	117.0	0.63	<0.05	12.7	0.262	2.51	5.1
Q925336		20.0	128.0	<0.002	0.06	28.0	11.8	1	1.6	94.2	0.70	<0.05	14.7	0.282	1.44	4.0
Q925337		18.9	124.5	<0.002	0.06	27.7	11.6	2	1.6	92.0	0.67	<0.05	14.1	0.287	1.34	4.0
Q925338		28.6	145.0	<0.002	0.21	30.3	10.2	1	1.5	99.3	0.55	<0.05	10.2	0.244	2.55	6.3
Q925339		32.7	130.5	<0.002	0.24	39.2	11.3	1	1.7	88.0	0.64	<0.05	11.3	0.268	2.10	3.2
Q925340		23.3	129.0	<0.002	0.16	26.8	13.5	1	1.6	91.5	0.71	<0.05	15.5	0.282	1.39	3.3
Q925341		1270	174.5	<0.002	4.55	60.6	10.1	2	8.1	99.6	0.54	1.23	11.5	0.200	2.60	5.4
Q925342		70.8	165.0	<0.002	0.64	37.9	11.5	1	1.9	107.5	0.58	<0.05	13.3	0.253	2.15	5.3
Q925343		17.5	122.0	<0.002	0.14	23.0	12.9	1	1.7	122.5	0.65	<0.05	13.3	0.279	1.82	4.5
Q925344		121.5	167.5	<0.002	0.59	35.0	12.3	1	1.9	118.5	0.64	<0.05	14.3	0.263	2.33	6.6
Q925345		1.6	1.4	<0.002	0.01	0.16	0.2	<1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q925346		26.6	89.6	<0.002	0.04	26.9	13.4	1	1.5	113.5	0.65	<0.05	12.7	0.285	0.98	4.1
Q925347		23.1	105.5	<0.002	0.02	8.54	12.6	1	1.6	383	0.69	<0.05	13.7	0.290	1.05	4.2
Q925348		26.4	119.5	<0.002	0.12	8.80	11.7	1	1.7	212	0.69	<0.05	12.4	0.278	1.85	3.9
Q925349		26.1	91.7	<0.002	0.21	10.45	11.1	1	1.5	262	0.61	<0.05	11.8	0.264	2.05	3.9
Q925350		16.2	109.0	<0.002	0.28	10.75	11.9	1	1.5	266	0.60	<0.05	13.2	0.244	3.22	4.5
Q926001		36.9	131.5	<0.002	0.31	14.45	11.8	1	1.7	414	0.63	<0.05	13.6	0.275	2.22	5.4
Q926002		>10000	154.0	<0.002	3.39	43.9	13.0	1	5.5	594	0.65	<0.05	12.9	0.283	1.87	5.8
Q926003		114.5	157.0	<0.002	0.40	13.15	12.5	1	2.1	350	0.70	<0.05	14.8	0.282	2.71	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109128

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
Q925318		90	7.1	17.0	73	29.7	
Q925319		56	6.1	8.6	680	18.8	
Q925320		73	5.9	10.4	749	23.0	
Q925321		33	2.7	5.7	3140	5.8	
Q925322		2	0.1	0.8	23	<0.5	
Q925323		62	5.4	7.3	1280	21.0	
Q925324		79	6.3	12.9	179	28.3	
Q925325		58	7.7	9.0	3310	22.8	
Q925326		73	6.6	13.6	1050	27.9	
Q925327		78	5.5	14.8	117	28.6	
Q925328		65	8.4	11.5	1030	24.5	
Q925329		75	4.6	14.0	799	28.5	
Q925330		71	4.3	13.8	1040	27.1	
Q925331		73	4.9	12.4	366	27.8	
Q925332		78	3.9	15.3	94	26.9	
Q925333		82	7.0	16.3	179	28.9	
Q925334		74	5.4	11.9	122	28.4	
Q925335		76	3.2	14.3	203	27.0	
Q925336		82	4.9	16.3	69	31.1	
Q925337		81	4.6	16.0	70	29.7	
Q925338		82	3.0	14.2	99	26.4	
Q925339		84	3.8	13.7	450	28.5	
Q925340		83	5.4	16.9	275	31.8	
Q925341		61	6.1	11.9	2270	29.5	
Q925342		72	6.3	15.5	362	26.7	
Q925343		80	5.9	16.4	72	29.3	
Q925344		76	5.4	17.1	470	28.3	
Q925345		2	0.1	0.8	15	<0.5	
Q925346		87	8.4	16.5	89	29.2	
Q925347		85	2.5	15.4	71	29.5	
Q925348		79	5.2	15.2	81	30.1	
Q925349		74	8.7	15.7	109	28.4	
Q925350		68	13.8	16.8	68	26.1	
Q926001		75	5.4	16.6	123	48.6	
Q926002		77	9.0	9.0	3290	70.2	0.999
Q926003		80	6.1	14.6	128	36.4	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109128

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	ME-OG62	Pb-OG62
PUL-31	PUL-31d	PUL-QC	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

CERTIFICATE WH14109129

Project: KLAZA

P.O. No.: Batch 72

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

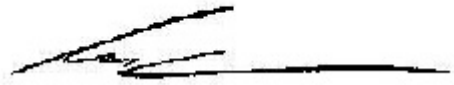
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109129

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925673		3.73	0.013	0.71	7.05	82.2	1900	1.67	0.19	2.05	1.47	43.0	3.7	10	13.80	8.9
Q925674		4.03	0.014	1.05	6.63	27.9	1740	1.56	0.20	2.60	7.33	37.3	3.1	13	13.90	21.9
Q925675		3.05	0.136	4.53	6.75	135.5	1100	1.57	0.90	1.50	68.7	46.0	2.9	11	11.35	131.5
Q925676		5.61	<0.005	0.01	0.05	0.6	30	0.06	0.03	20.7	0.13	1.11	1.1	1	0.14	3.5
Q925677		5.32	<0.005	0.96	6.53	33.2	770	1.72	0.25	3.26	2.01	41.8	3.1	11	17.50	7.7
Q925678		1.35	0.111	7.59	6.80	1600	1190	1.63	0.74	2.76	23.1	44.1	3.7	8	14.65	17.4
Q925679		3.73	0.005	0.39	7.69	47.8	980	1.70	0.34	2.76	0.93	45.2	2.1	10	17.00	8.9
Q925680		6.35	0.091	2.91	7.18	324	1820	1.52	0.52	2.71	7.74	43.6	2.6	10	13.35	13.7
Q925681		2.35	0.193	35.5	6.97	1480	1480	1.73	7.88	1.84	13.60	42.0	13.7	7	11.20	27.4
Q925682		1.22	0.243	19.15	7.05	1155	1160	1.70	3.20	1.98	11.35	32.7	17.5	6	11.10	20.2
Q925683		5.09	0.009	1.84	7.10	68.3	1960	1.42	0.34	2.73	2.42	41.7	5.7	10	12.40	7.8
Q925684		7.02	<0.005	0.14	6.83	10.7	2060	1.56	0.29	2.53	0.14	42.9	4.6	11	11.05	7.4
Q925685		6.35	<0.005	0.11	7.08	9.3	2090	1.61	0.22	2.85	0.20	41.9	6.2	13	14.65	3.4
Q925686		3.41	<0.005	0.17	7.34	18.0	2240	1.70	0.26	2.93	0.13	44.0	12.3	5	17.45	16.0
Q925687		3.80	0.006	0.36	6.57	16.2	1560	1.63	0.36	2.87	1.06	40.3	7.6	11	11.90	14.4
Q925688		0.55	0.079	2.36	5.70	261	1840	1.33	0.74	8.65	6.44	23.4	33.0	3	7.84	13.1
Q925689		1.75	0.154	1.61	7.18	307	2030	1.62	0.46	2.91	0.49	48.7	8.5	11	13.70	12.6
Q925690		0.23	0.369	4.94	6.49	716	600	1.42	3.50	2.07	11.05	42.1	12.9	25	12.40	325
Q925691		6.81	0.006	0.31	6.77	18.1	2400	1.58	0.31	2.41	0.17	39.8	10.9	13	12.25	25.5
Q925692		6.41	<0.005	0.08	7.32	7.2	2590	1.58	0.28	2.14	0.07	44.0	2.7	14	7.07	5.1
Q925693		6.76	0.005	0.15	7.04	16.2	1980	1.67	0.17	2.51	0.09	39.8	7.3	11	9.78	7.6
Q925694		<0.02	<0.005	0.17	7.03	17.2	1960	1.65	0.18	2.48	0.10	41.1	7.6	13	9.84	5.5
Q925695		4.23	<0.005	0.09	7.27	11.3	2870	1.51	0.17	2.94	0.09	47.4	4.3	12	9.74	3.3
Q925696		5.30	0.005	0.09	7.30	10.2	1590	1.63	0.20	2.58	0.07	42.4	4.7	13	8.41	4.5
Q925697		3.26	0.006	0.20	7.91	16.5	1100	1.72	0.95	2.28	0.04	65.8	10.4	14	5.98	1.3
Q925698		5.22	0.104	0.65	7.34	16.9	1160	1.72	1.27	2.26	0.15	56.1	12.7	14	8.08	2.2
Q925699		0.22	1.725	41.5	5.70	2550	820	1.24	33.7	1.65	46.0	34.0	17.1	22	9.31	1190
Q925700		5.54	0.005	0.21	7.23	19.5	1930	1.69	0.35	2.69	0.13	48.9	5.8	10	12.15	3.1
Q925701		4.73	0.444	2.46	6.87	541	730	1.49	0.66	4.01	3.12	53.3	7.4	11	11.75	4.2
Q925702		5.22	<0.005	0.02	0.07	<0.2	40	0.09	0.03	21.4	0.08	1.18	0.7	<1	0.16	1.7
Q925703		3.17	0.012	0.30	7.39	88.9	670	1.61	0.49	3.33	0.16	50.6	10.8	11	11.30	2.9
Q925704		4.86	<0.005	0.11	8.49	17.8	1960	1.83	0.55	2.72	0.13	56.3	4.9	8	18.80	5.1
Q925705		1.26	0.564	47.5	5.73	1865	1280	1.26	0.43	4.45	99.6	42.7	8.8	5	14.00	45.1
Q925706		6.97	<0.005	0.15	9.12	21.0	3210	1.31	0.77	3.79	0.18	54.9	6.9	9	12.55	2.8
Q925707		2.44	<0.005	0.14	8.46	19.3	240	1.50	0.83	3.68	0.23	48.2	3.4	8	12.05	1.0
Q925708		5.85	0.010	0.41	8.44	49.9	3710	1.58	0.91	3.87	0.30	56.0	4.7	6	15.30	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109129

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925673		3.01	15.80	0.27	1.3	0.089	3.08	21.6	27.4	0.69	1570	1.83	1.25	9.0	2.5	560
Q925674		3.14	14.10	0.27	1.2	0.262	3.15	18.4	16.0	0.70	1740	2.08	1.19	7.8	2.2	540
Q925675		4.40	13.25	0.27	1.1	1.330	3.03	25.7	33.9	0.64	1280	1.74	0.09	7.0	2.1	490
Q925676		0.48	0.41	0.35	<0.1	0.007	0.02	0.5	1.2	13.05	215	0.14	0.01	0.1	1.9	180
Q925677		2.82	14.45	0.21	1.2	0.179	2.78	21.5	57.2	0.93	2130	1.83	0.05	7.9	2.1	510
Q925678		3.80	15.80	<0.05	0.9	0.401	3.09	23.9	29.3	0.93	3340	5.51	0.03	6.9	2.3	550
Q925679		2.90	16.00	<0.05	1.0	0.162	3.29	24.5	31.9	1.07	1910	0.96	0.03	7.7	2.3	590
Q925680		3.33	15.20	<0.05	1.0	0.233	3.00	23.3	38.9	0.94	3020	1.71	0.04	7.5	2.1	560
Q925681		6.26	18.15	<0.05	1.8	0.359	2.89	23.0	55.6	1.05	6870	3.14	0.03	5.5	2.9	840
Q925682		6.49	18.20	<0.05	1.8	0.346	2.93	17.8	53.0	1.08	6050	2.94	0.03	5.5	3.2	850
Q925683		3.38	15.95	<0.05	1.2	0.171	3.06	21.8	31.2	0.84	2170	1.57	0.40	8.2	2.4	610
Q925684		2.87	16.00	<0.05	1.1	0.091	2.81	22.9	12.5	0.70	824	2.10	2.06	8.0	2.3	590
Q925685		2.88	16.75	<0.05	1.1	0.070	2.60	21.9	14.6	0.77	908	2.69	2.24	8.4	2.5	600
Q925686		3.62	18.80	0.19	2.0	0.071	2.99	18.7	14.7	0.96	947	3.68	2.19	9.4	1.2	1370
Q925687		2.93	16.40	0.19	1.1	0.146	2.81	17.4	15.5	0.68	1380	1.66	1.46	7.2	2.0	590
Q925688		4.79	14.15	0.17	1.1	0.239	2.59	12.3	24.7	1.00	7670	4.19	0.04	4.0	1.9	650
Q925689		3.97	16.25	0.17	1.2	0.213	3.29	23.5	32.0	0.91	3890	0.78	0.22	6.8	2.2	530
Q925690		5.08	15.90	0.15	1.2	0.296	2.99	20.2	26.0	0.76	1960	15.15	0.15	5.7	13.4	530
Q925691		3.19	16.45	0.17	1.1	0.151	3.08	17.3	20.6	0.73	1340	1.21	1.26	7.0	2.6	550
Q925692		3.55	16.50	0.20	1.3	0.202	2.74	20.1	12.6	0.77	823	1.18	2.03	7.2	2.3	580
Q925693		3.15	16.95	0.17	1.3	0.076	2.52	17.9	13.1	0.72	901	1.40	2.29	7.5	2.3	600
Q925694		3.12	16.95	0.18	1.3	0.078	2.51	18.4	13.1	0.70	888	1.56	2.30	7.7	2.4	590
Q925695		3.20	17.05	0.22	1.2	0.112	2.47	22.7	42.4	0.86	918	1.09	0.12	7.5	2.1	600
Q925696		3.43	17.55	0.22	1.3	0.129	2.76	18.8	27.4	0.69	1040	1.20	1.08	7.4	2.3	610
Q925697		3.78	18.85	0.21	1.1	0.109	1.97	34.3	13.8	0.80	1700	1.02	2.96	7.5	3.4	660
Q925698		3.76	17.40	0.20	1.3	0.181	2.55	26.0	23.2	0.82	1750	0.84	1.32	7.0	3.1	620
Q925699		8.83	14.35	0.16	0.9	1.525	2.60	15.0	16.3	0.67	2340	17.05	0.06	4.3	13.3	460
Q925700		3.43	16.75	0.21	1.2	0.124	2.73	22.8	32.1	0.98	1270	0.59	0.34	7.2	2.2	590
Q925701		3.51	15.20	0.18	1.1	0.115	2.88	28.9	24.4	1.29	4930	1.33	0.04	6.4	2.2	520
Q925702		0.48	0.32	0.23	<0.1	<0.005	0.03	0.6	1.2	13.00	220	0.14	0.01	0.2	1.3	180
Q925703		3.75	17.00	0.24	1.3	0.146	2.60	23.6	25.3	1.05	1850	0.62	0.78	7.6	2.2	600
Q925704		3.69	24.6	0.22	1.6	0.272	1.15	25.5	24.7	0.85	1110	0.26	4.54	9.5	2.4	700
Q925705		3.81	14.45	0.13	0.9	0.217	2.02	21.2	45.8	1.02	4030	1.21	0.48	5.5	1.7	430
Q925706		4.98	27.1	0.15	1.3	0.315	1.25	24.6	15.4	0.94	1200	0.22	4.74	8.8	2.3	730
Q925707		4.49	27.3	0.13	1.3	0.390	0.95	20.8	15.1	0.88	892	0.14	4.97	8.6	2.5	590
Q925708		4.34	28.5	0.20	1.3	0.334	2.21	24.7	24.7	1.04	2230	0.12	2.70	8.7	2.6	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109129

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925673		59.5	127.5	<0.002	0.31	19.75	11.4	1	2.9	251	0.71	<0.05	13.2	0.241	2.08	3.6
Q925674		420	126.0	<0.002	0.29	8.76	9.6	1	2.3	228	0.65	<0.05	11.1	0.229	2.10	4.0
Q925675		3430	165.0	<0.002	1.61	13.40	9.4	1	3.6	70.0	0.59	<0.05	12.6	0.215	2.51	5.6
Q925676		5.5	1.2	<0.002	0.01	0.07	0.2	1	<0.2	47.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q925677		140.5	111.5	<0.002	0.15	17.95	9.8	1	2.1	152.0	0.68	<0.05	12.0	0.220	2.49	5.6
Q925678		696	149.5	<0.002	1.71	36.8	9.1	1	2.8	94.1	0.57	0.08	11.0	0.212	2.38	4.8
Q925679		44.0	143.5	<0.002	0.29	13.50	10.0	1	1.8	121.0	0.63	<0.05	11.9	0.240	2.39	4.0
Q925680		333	130.5	<0.002	0.62	18.80	9.8	<1	2.2	125.0	0.59	0.05	12.1	0.232	2.07	4.3
Q925681		1390	166.0	<0.002	1.27	39.3	11.7	1	4.2	75.8	0.37	0.17	6.2	0.307	2.45	5.5
Q925682		684	168.5	<0.002	1.37	31.0	11.1	1	4.1	78.6	0.38	0.55	5.9	0.320	2.45	4.9
Q925683		140.5	111.5	<0.002	0.11	12.60	10.0	1	2.0	159.0	0.69	<0.05	11.3	0.250	1.86	3.8
Q925684		17.6	110.5	<0.002	0.04	4.62	10.1	1	1.9	328	0.63	<0.05	11.9	0.242	1.35	3.9
Q925685		19.4	102.5	<0.002	0.05	3.75	10.3	1	1.7	366	0.65	<0.05	10.9	0.260	1.25	3.5
Q925686		19.4	116.5	0.003	0.06	6.22	15.2	1	3.0	407	0.69	0.06	9.3	0.448	1.43	4.0
Q925687		46.9	107.0	0.003	0.15	6.80	9.2	1	1.8	234	0.57	0.07	9.8	0.243	1.60	3.4
Q925688		279	145.0	0.003	1.38	16.70	7.5	1	1.8	325	0.33	0.08	5.1	0.227	1.75	5.0
Q925689		81.1	161.5	0.003	1.14	16.45	9.6	1	2.3	191.5	0.61	0.12	12.7	0.226	1.98	4.5
Q925690		509	137.0	0.007	2.75	29.8	8.9	1	5.9	113.5	0.52	0.40	9.8	0.203	2.33	4.6
Q925691		14.5	130.0	0.003	0.21	9.78	9.4	1	1.7	217	0.60	<0.05	10.4	0.230	1.79	3.8
Q925692		9.8	114.0	0.004	0.03	3.78	10.1	2	2.0	263	0.66	<0.05	11.1	0.234	1.35	3.0
Q925693		14.7	93.0	0.002	0.19	3.75	9.7	1	1.9	358	0.66	<0.05	10.8	0.256	1.11	3.6
Q925694		15.0	92.7	0.002	0.21	3.85	9.7	1	1.9	359	0.66	<0.05	10.7	0.248	1.07	3.6
Q925695		8.8	99.1	0.004	0.10	17.30	9.9	1	1.8	171.5	0.66	<0.05	12.5	0.241	1.31	2.8
Q925696		11.3	111.0	0.003	0.20	8.62	10.4	1	2.4	212	0.64	0.07	11.4	0.250	1.54	3.8
Q925697		9.8	97.1	0.003	0.71	3.17	11.2	1	2.0	220	0.63	0.28	11.8	0.261	1.47	3.5
Q925698		11.6	115.0	0.003	0.64	6.15	10.5	2	2.3	163.0	0.61	0.34	11.2	0.241	1.80	4.3
Q925699		1695	141.5	0.004	7.95	114.0	8.0	2	10.8	65.9	0.37	0.78	8.2	0.163	2.06	4.8
Q925700		9.4	116.5	0.003	0.27	12.10	10.2	1	2.2	168.5	0.62	0.06	11.8	0.234	1.88	4.4
Q925701		54.5	138.0	0.003	1.09	15.60	8.9	1	2.6	131.5	0.58	0.25	12.0	0.209	2.25	6.7
Q925702		1.4	1.4	0.003	0.01	0.08	0.2	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q925703		9.2	121.0	0.003	0.57	9.84	10.3	1	3.1	160.5	0.70	0.11	13.1	0.251	2.12	4.9
Q925704		13.3	52.5	0.002	0.18	19.90	11.5	2	4.7	322	0.88	0.08	13.5	0.298	1.06	3.2
Q925705		1270	115.0	0.002	2.21	92.6	8.0	1	4.3	215	0.51	<0.05	9.7	0.182	1.71	6.3
Q925706		14.3	58.4	0.003	0.24	9.99	11.6	1	5.0	1835	0.80	<0.05	13.2	0.288	1.03	5.1
Q925707		14.1	36.4	0.002	0.01	15.35	10.4	1	5.3	339	0.81	<0.05	10.5	0.271	0.84	3.7
Q925708		16.7	105.0	0.002	0.68	14.20	10.6	1	6.2	232	0.82	<0.05	11.1	0.266	1.98	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109129

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925673		68	2.5	15.5	151	33.1
Q925674		63	2.4	13.5	756	31.5
Q925675		59	6.5	11.1	6250	29.1
Q925676		2	0.1	0.8	22	<0.5
Q925677		62	5.0	14.3	223	30.2
Q925678		62	3.5	13.1	1850	25.1
Q925679		68	3.7	15.1	129	28.9
Q925680		65	7.7	14.2	649	27.6
Q925681		105	9.2	14.7	1090	73.6
Q925682		101	10.6	14.0	972	74.2
Q925683		70	5.1	15.2	238	32.0
Q925684		68	1.9	15.9	57	30.5
Q925685		71	1.4	15.8	57	28.8
Q925686		107	3.0	20.9	81	53.1
Q925687		67	1.9	13.4	146	29.0
Q925688		79	4.6	16.3	653	34.4
Q925689		64	3.2	15.0	86	29.6
Q925690		68	5.9	11.3	926	31.5
Q925691		67	2.1	13.0	61	28.9
Q925692		71	3.0	14.6	52	31.8
Q925693		71	2.1	14.7	46	32.2
Q925694		70	2.1	14.7	44	32.0
Q925695		68	3.2	15.1	49	31.3
Q925696		71	5.9	14.0	46	31.8
Q925697		76	2.8	15.0	55	28.2
Q925698		70	3.9	13.5	64	34.8
Q925699		57	7.5	9.1	3480	23.6
Q925700		71	4.0	14.4	58	28.3
Q925701		60	2.9	14.3	277	27.8
Q925702		2	0.1	0.8	14	<0.5
Q925703		71	3.1	15.0	62	31.1
Q925704		84	5.9	18.0	54	37.6
Q925705		51	5.3	14.5	6870	21.1
Q925706		91	3.4	19.1	64	31.6
Q925707		89	2.9	16.8	68	32.2
Q925708		94	2.9	16.6	83	33.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14109129

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110057

Project: KLAZA

P.O. No.: BATCH T5

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

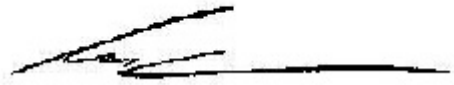
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110057

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925918		4.03	0.042	0.69	8.14	83.1	1410	1.53	0.99	0.24	4.35	53.8	4.6	10	33.4	23.1
Q925919		3.48	0.058	0.86	8.06	176.0	1800	2.12	1.21	0.32	9.15	56.2	11.1	8	32.0	73.1
Q925920		3.46	0.057	0.92	8.36	91.0	1620	1.99	1.92	0.40	6.33	52.0	9.0	11	33.3	61.8
Q925921		4.21	0.289	1.93	7.33	68.1	1530	1.59	9.51	0.12	1.25	47.2	10.7	9	20.3	51.4
Q925922		3.59	0.642	1.45	7.63	51.8	1390	1.35	5.46	0.12	1.49	48.1	10.2	12	16.85	40.0
Q925923		3.96	0.035	0.87	7.85	38.9	2410	1.77	3.16	0.50	2.21	56.8	8.9	9	13.85	21.5
Q925924		4.15	0.012	0.35	8.20	24.1	2170	1.90	0.65	0.62	1.22	58.1	6.2	9	18.15	12.0
Q925925		<0.02	0.012	0.34	7.85	22.7	2080	1.84	0.61	0.59	1.23	56.1	6.1	9	17.45	11.2
Q925926		3.47	0.009	0.30	8.25	18.7	2480	1.45	0.64	0.35	1.07	52.0	4.7	9	11.70	18.2
Q925927		3.16	0.015	0.44	8.20	35.8	2600	1.58	0.77	0.36	2.94	50.7	6.8	8	13.20	16.2
Q925928		4.52	0.022	0.29	8.27	30.6	2410	1.35	0.53	0.36	1.77	43.5	5.9	14	12.45	12.8
Q925929		4.75	0.008	0.26	8.50	25.0	2480	1.42	0.32	0.40	0.97	48.2	6.8	12	10.35	20.6
Q925930		0.23	0.923	10.50	6.40	1610	150	1.48	12.40	1.81	33.2	44.4	18.0	18	12.40	285
Q925931		2.80	0.031	1.70	8.63	61.8	2170	1.31	1.07	0.47	3.09	51.5	8.8	12	14.00	56.1
Q925932		2.45	0.012	0.27	8.26	54.8	780	1.35	0.80	0.79	2.71	51.6	9.0	12	13.20	44.2
Q925933		3.80	0.058	2.71	7.41	128.0	670	1.49	6.70	1.37	3.38	45.8	27.1	11	9.75	17.6
Q925934		3.43	2.82	11.50	7.28	996	1460	1.35	20.3	0.09	2.60	51.0	4.0	15	14.85	46.7
Q925935		6.14	<0.005	0.02	0.06	<0.2	20	<0.05	0.05	21.1	0.06	1.11	1.2	<1	0.12	2.4
Q925936		3.78	2.48	13.45	6.79	1655	1530	1.29	26.1	0.18	4.74	47.5	6.0	9	13.45	62.4
Q925937		3.27	0.057	1.11	8.31	132.0	1750	1.58	2.29	1.22	6.12	55.7	15.4	10	14.90	189.5
Q925938		3.45	0.039	0.47	8.62	63.7	1440	1.58	1.67	0.43	3.58	55.2	10.1	10	13.90	64.8
Q925939		4.56	0.131	3.92	7.92	112.0	410	1.52	4.58	1.14	9.81	50.8	29.9	13	7.33	235
Q925940		5.12	0.389	5.22	7.50	351	590	1.37	7.17	1.13	69.1	57.5	17.3	31	8.60	79.2
Q925941		4.84	0.084	2.43	8.26	109.0	870	1.42	2.37	2.73	13.55	67.7	16.0	45	17.15	33.4
Q925942		4.90	0.323	2.51	8.71	353	720	1.66	2.57	2.50	9.80	69.1	13.2	52	17.65	30.1
Q925892		7.11	0.247	6.94	7.33	162.5	860	1.41	12.95	0.14	2.04	44.1	1.4	9	39.4	35.9
Q925943		3.63	0.059	2.09	8.39	65.7	2270	1.62	4.07	0.72	2.66	51.7	11.4	13	9.88	226
Q925944		4.38	0.932	9.43	8.16	525	2690	1.56	19.55	0.21	4.12	54.2	6.1	10	27.4	710
Q925947		4.97	5.83	>100	5.35	3600	1130	1.05	1430	0.16	4.81	39.2	2.8	10	12.85	3410
Q925948		3.40	0.024	0.77	8.64	30.2	1960	1.58	2.34	0.29	2.76	54.9	9.6	10	22.8	58.2
Q925949		4.72	0.033	1.59	8.54	48.8	2480	1.51	4.55	0.67	1.37	53.5	7.9	10	23.5	25.9
Q925950		3.68	0.314	1.61	8.28	199.0	2430	1.52	2.04	0.74	4.35	51.7	8.5	11	17.40	67.8
Q925951		3.74	0.481	1.49	8.68	332	1830	1.41	2.49	0.35	2.31	54.7	13.3	10	17.45	59.0
Q925952		5.53	0.051	0.32	8.35	67.5	2390	1.28	0.51	0.67	1.04	52.1	7.1	9	20.4	18.3
Q925953		4.54	0.038	0.53	8.68	37.3	2640	1.50	0.78	0.78	1.22	54.5	9.8	10	16.50	47.8
Q925954		4.46	0.088	0.83	8.95	103.0	2340	1.53	1.52	0.66	5.49	56.3	8.3	9	21.1	38.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110057

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925918		2.80	17.45	0.28	1.1	0.218	3.20	30.5	13.1	0.21	772	3.61	0.10	8.0	2.2	590
Q925919		4.15	17.40	0.29	1.1	0.374	2.92	33.1	25.3	0.25	2130	3.56	0.17	7.8	4.0	610
Q925920		3.99	17.95	0.31	1.2	0.428	3.11	29.2	31.5	0.28	1900	3.29	0.24	7.6	3.6	640
Q925921		7.27	17.00	0.25	0.9	0.762	2.82	25.6	26.5	0.23	324	6.25	0.07	5.5	1.9	690
Q925922		6.80	18.00	0.23	1.0	0.463	2.68	28.3	24.5	0.19	471	3.62	0.17	6.2	1.9	650
Q925923		3.62	16.25	0.29	1.1	0.253	3.06	30.5	23.3	0.37	844	2.31	0.84	7.3	2.6	580
Q925924		2.68	16.90	0.35	1.1	0.073	3.17	32.7	17.2	0.30	583	2.38	1.68	7.8	2.3	610
Q925925		2.57	16.40	0.40	1.2	0.079	3.05	31.4	16.9	0.29	568	2.34	1.60	7.7	2.1	580
Q925926		2.71	17.40	0.38	1.2	0.112	3.33	26.9	18.4	0.36	564	2.05	0.48	7.9	2.1	630
Q925927		3.09	16.50	0.40	1.2	0.120	3.26	27.0	22.4	0.32	1940	3.38	0.29	7.8	2.6	610
Q925928		3.03	17.85	0.29	1.1	0.117	3.49	22.1	27.8	0.43	747	2.86	0.18	8.3	2.7	650
Q925929		3.38	18.25	0.35	1.3	0.054	3.11	25.1	32.5	0.52	543	3.10	0.18	8.7	2.8	670
Q925930		6.47	15.10	0.24	1.1	0.794	2.82	23.4	19.7	0.74	1820	9.11	0.12	6.0	12.5	530
Q925931		2.89	18.80	0.09	1.4	0.190	2.42	27.3	45.7	0.18	851	3.80	0.06	9.0	3.0	680
Q925932		2.58	17.90	0.09	1.2	0.201	2.11	28.5	49.7	0.28	823	3.10	0.04	7.8	2.3	600
Q925933		4.90	15.25	0.13	1.1	0.337	3.42	23.6	7.6	0.69	1520	3.29	0.04	6.8	2.6	510
Q925934		3.36	17.85	0.15	1.1	0.435	3.32	28.8	16.2	0.33	210	9.26	0.04	6.9	1.1	160
Q925935		0.46	0.31	<0.05	<0.1	0.005	0.02	0.5	1.0	13.45	202	0.15	<0.01	0.2	0.9	180
Q925936		4.10	18.05	0.17	0.9	0.572	3.11	25.9	14.7	0.33	449	12.25	0.05	6.3	1.5	200
Q925937		3.29	18.70	0.14	1.3	0.161	3.09	30.9	18.2	0.37	824	3.59	0.61	7.9	3.5	610
Q925938		2.33	18.60	0.10	1.4	0.143	2.48	30.5	24.0	0.26	625	4.71	0.20	7.9	2.3	610
Q925939		5.18	18.55	0.14	1.0	0.553	2.85	25.4	39.0	0.53	1150	25.6	0.34	6.4	5.4	700
Q925940		7.28	19.30	0.17	1.6	2.09	2.93	25.4	44.3	0.65	2070	2.44	0.12	6.1	4.5	940
Q925941		5.57	21.0	0.17	2.2	0.418	1.83	30.3	39.8	1.60	2150	2.85	1.13	7.1	4.4	1120
Q925942		7.00	22.0	0.18	2.5	0.374	1.62	29.7	64.0	1.50	2110	2.81	1.06	7.3	3.6	1250
Q925892		2.36	19.15	0.07	1.1	1.005	2.87	24.7	31.8	0.31	160	17.80	0.04	7.5	1.2	280
Q925943		3.76	18.15	0.11	1.3	0.467	3.03	27.8	13.5	0.57	950	2.08	1.40	7.6	4.6	660
Q925944		5.78	18.05	0.15	1.1	1.620	3.35	29.6	14.6	0.34	584	3.13	0.11	6.6	2.0	560
Q925947		10.25	12.40	0.19	0.7	12.90	2.41	25.2	15.2	0.23	340	5.33	0.11	4.0	1.6	280
Q925948		3.17	17.80	0.11	1.3	0.119	3.74	33.1	15.1	0.26	701	3.01	0.54	7.8	2.7	600
Q925949		2.95	17.95	0.12	1.3	0.116	3.00	30.2	14.6	0.30	537	2.57	1.89	8.9	3.0	650
Q925950		3.21	18.15	0.16	1.4	0.205	3.63	30.0	12.9	0.27	1130	3.10	1.23	8.4	3.2	640
Q925951		3.58	18.35	0.16	2.0	0.195	3.80	31.5	17.4	0.27	1280	5.20	0.59	9.1	4.2	680
Q925952		2.67	17.80	0.14	1.5	0.103	3.55	29.2	19.3	0.21	660	5.07	0.94	8.7	2.6	650
Q925953		2.79	18.45	0.14	1.3	0.146	3.47	29.2	20.1	0.33	716	4.50	2.06	8.8	3.1	650
Q925954		3.71	18.60	0.14	1.6	0.154	3.53	31.7	21.1	0.24	1070	3.83	1.35	9.1	3.3	700

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110057

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925918		126.5	151.5	<0.002	0.11	9.16	10.2	1	3.2	23.9	0.64	0.17	14.3	0.239	2.86	3.9
Q925919		99.6	145.0	<0.002	0.13	17.15	11.4	1	2.1	38.5	0.64	0.17	18.2	0.235	2.54	5.1
Q925920		60.9	144.5	<0.002	0.16	12.80	11.3	1	2.3	49.2	0.59	0.22	15.0	0.239	2.48	4.3
Q925921		40.7	142.0	0.002	0.21	16.90	9.2	2	4.9	31.8	0.43	2.73	11.9	0.188	2.40	4.7
Q925922		35.4	125.5	<0.002	0.19	19.35	9.1	1	6.8	45.3	0.50	1.88	14.0	0.190	2.05	5.0
Q925923		29.9	131.5	<0.002	0.16	9.95	10.8	1	2.8	147.0	0.57	0.34	16.8	0.230	1.74	4.0
Q925924		29.9	122.0	<0.002	0.10	4.77	10.3	1	1.7	236	0.60	0.16	16.2	0.243	1.48	3.0
Q925925		28.9	118.5	<0.002	0.09	4.55	10.0	1	1.7	227	0.63	0.16	16.0	0.240	1.36	2.9
Q925926		38.0	137.0	<0.002	0.04	9.28	10.8	1	1.8	101.5	0.65	<0.05	16.6	0.246	1.59	2.8
Q925927		64.2	130.5	<0.002	0.05	11.35	10.2	1	1.4	83.9	0.64	0.14	16.0	0.239	1.57	3.2
Q925928		38.1	134.5	<0.002	0.10	6.79	10.7	2	1.4	72.5	0.61	0.05	11.6	0.266	1.73	2.6
Q925929		31.6	118.5	<0.002	0.10	7.60	11.4	1	1.5	73.7	0.68	<0.05	14.9	0.273	1.38	2.8
Q925930		1285	160.0	<0.002	4.62	68.2	9.1	2	8.0	97.2	0.48	1.16	10.0	0.202	2.60	5.2
Q925931		62.3	116.0	<0.002	0.41	42.1	12.6	1	3.0	66.5	0.75	0.44	15.7	0.246	1.75	4.2
Q925932		28.1	112.0	<0.002	0.59	34.5	11.5	1	2.2	144.0	0.66	0.15	14.8	0.219	1.66	3.8
Q925933		224	188.5	<0.002	3.68	5.35	9.6	3	5.3	35.0	0.58	0.97	12.6	0.194	3.41	3.1
Q925934		1395	174.5	<0.002	0.47	42.4	10.0	17	17.4	29.7	0.59	0.74	8.1	0.197	3.07	4.0
Q925935		2.9	1.1	<0.002	0.01	0.10	0.2	2	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q925936		1190	162.5	<0.002	0.49	52.3	9.4	15	20.8	32.4	0.53	1.08	8.4	0.185	2.76	4.8
Q925937		90.2	143.0	<0.002	1.00	21.4	11.6	2	3.9	104.5	0.66	0.33	15.4	0.223	2.05	4.0
Q925938		28.2	134.5	<0.002	0.41	15.05	11.8	1	1.7	36.6	0.68	0.34	16.4	0.220	2.06	3.3
Q925939		199.0	159.5	0.006	2.83	12.40	12.1	2	4.3	61.8	0.52	1.35	13.3	0.203	2.83	3.2
Q925940		834	184.0	<0.002	3.61	10.70	17.9	2	10.2	53.1	0.41	0.90	9.0	0.316	2.97	4.2
Q925941		719	97.3	0.002	1.50	9.75	23.8	2	9.2	272	0.47	0.42	9.0	0.455	1.92	5.5
Q925942		710	86.7	0.002	1.15	11.05	26.5	2	10.1	247	0.46	0.53	8.7	0.521	1.64	6.0
Q925892		605	172.5	<0.002	0.19	41.4	9.9	2	10.3	66.6	0.62	1.04	9.7	0.206	2.66	2.8
Q925943		89.2	162.5	<0.002	0.15	7.46	11.6	1	2.3	184.0	0.62	0.33	14.5	0.226	2.05	4.3
Q925944		285	206	<0.002	0.34	17.20	12.0	1	6.4	83.4	0.54	1.77	14.9	0.202	3.10	5.5
Q925947		5410	159.0	<0.002	0.78	107.0	6.9	5	29.7	52.0	0.32	2.25	8.2	0.118	1.96	7.0
Q925948		41.8	214	<0.002	0.23	4.55	11.3	1	1.6	82.3	0.63	0.36	15.1	0.223	2.49	2.9
Q925949		54.5	132.0	<0.002	0.04	4.80	11.4	1	1.6	216	0.69	0.13	14.7	0.262	1.58	2.7
Q925950		177.0	198.0	<0.002	0.21	6.62	11.0	1	2.1	138.0	0.66	0.27	14.2	0.240	2.61	3.6
Q925951		109.0	192.0	<0.002	0.06	8.53	11.5	1	2.0	77.9	0.72	0.15	14.5	0.251	3.13	4.3
Q925952		39.8	165.5	<0.002	0.05	4.44	11.5	1	1.5	119.5	0.71	0.07	14.8	0.242	2.48	3.2
Q925953		54.9	163.5	<0.002	0.10	5.83	11.7	1	1.5	213	0.69	0.08	14.4	0.259	1.98	2.8
Q925954		130.5	169.0	<0.002	0.17	5.83	12.6	1	2.3	145.5	0.73	0.08	14.7	0.265	2.28	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110057

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
Q925918		66	6.4	14.1	398	35.1	
Q925919		65	2.4	26.0	853	37.0	
Q925920		70	2.2	20.9	677	36.6	
Q925921		66	3.0	12.2	411	24.5	
Q925922		65	2.4	11.4	286	33.6	
Q925923		65	1.9	17.6	300	31.3	
Q925924		67	1.1	16.8	235	37.2	
Q925925		64	1.0	16.0	230	37.5	
Q925926		67	1.7	13.6	211	36.6	
Q925927		66	1.7	17.2	332	38.0	
Q925928		71	2.1	15.4	196	36.8	
Q925929		75	2.3	16.8	141	40.5	
Q925930		64	5.8	10.6	2380	31.6	
Q925931		70	3.3	18.9	337	37.7	
Q925932		66	3.2	17.8	295	35.6	
Q925933		53	3.0	15.0	329	31.1	
Q925934		60	5.3	12.1	319	32.7	
Q925935		1	0.1	0.8	14	<0.5	
Q925936		59	4.5	10.0	409	27.7	
Q925937		65	2.4	18.8	491	36.9	
Q925938		66	1.4	16.9	354	40.5	
Q925939		82	2.5	16.2	858	28.6	
Q925940		138	4.2	14.8	5600	56.2	
Q925941		181	4.5	22.1	1120	80.6	
Q925942		211	7.4	21.0	1050	95.0	
Q925892		65	4.6	8.0	344	33.4	
Q925943		71	2.1	17.5	326	36.3	
Q925944		78	5.5	14.2	507	30.5	
Q925947		42	5.0	13.7	736	20.6	390
Q925948		63	1.7	23.0	253	34.7	
Q925949		68	2.2	18.0	136	37.4	
Q925950		71	5.9	20.7	321	44.7	
Q925951		74	9.3	21.8	248	62.7	
Q925952		67	3.7	20.2	141	45.5	
Q925953		72	2.0	18.3	177	36.4	
Q925954		74	4.7	21.3	504	48.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110057

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110058

Project: KLAZA

P.O. No.: BATCH T6

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110058

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925955		4.71	0.187	1.96	6.35	212	1400	2.02	4.29	2.03	4.16	30.7	7.9	9	19.00	30.2
Q925956		5.54	0.095	0.82	7.78	130.5	2430	1.70	1.34	0.98	4.48	53.9	9.2	9	17.10	25.4
Q925957		4.13	0.014	0.13	8.34	12.0	2560	1.52	0.21	0.41	0.82	50.5	7.9	7	13.65	8.2
Q925958		4.94	0.033	0.24	8.19	23.2	3270	1.62	0.45	0.46	0.94	48.5	11.3	7	12.70	10.9
Q925959		2.52	0.028	0.27	7.76	30.8	2260	1.73	0.50	0.85	0.88	44.6	9.3	8	12.15	14.3
Q925960		3.39	0.049	0.43	8.15	45.1	2020	1.66	0.46	0.61	2.47	56.1	14.1	9	16.70	30.7
Q925961		0.23	1.750	39.7	5.80	2570	120	1.21	35.4	1.71	48.8	33.7	15.7	22	10.20	1220
Q925962		5.30	0.911	2.91	6.69	175.0	1100	1.33	3.79	0.10	0.96	47.6	2.4	7	21.0	30.5
Q925963		3.25	0.458	9.19	5.88	305	1750	1.43	11.05	0.12	2.82	44.1	8.9	11	18.70	227
Q925964		3.70	0.480	32.7	7.54	195.0	1090	1.14	49.9	0.06	1.22	56.8	0.6	9	11.60	44.1
Q925965		3.42	0.059	1.16	8.54	61.0	1990	1.66	1.23	0.30	11.35	56.0	15.5	8	24.8	34.7
Q925966		5.39	<0.005	0.09	0.06	<0.2	20	0.09	0.15	21.0	0.07	1.48	1.4	1	0.15	2.3
Q925967		2.54	0.404	2.11	7.86	225	3510	2.17	3.39	0.38	9.07	70.5	14.9	9	20.9	38.3
Q925968		2.62	0.047	0.52	7.21	47.9	1790	1.92	1.04	0.48	3.77	42.8	22.4	7	19.05	28.7
Q925969		3.78	0.018	0.21	6.76	39.4	1550	2.20	0.35	1.31	5.89	36.6	13.7	24	20.1	22.0
Q925970		4.70	0.021	0.41	8.13	21.8	2400	1.54	0.44	0.38	0.76	44.2	5.0	7	16.00	15.5
Q925971		5.63	0.013	0.44	7.61	20.5	2030	1.74	0.97	1.07	1.16	53.8	9.0	10	10.45	12.9
Q925972		4.42	0.015	0.38	7.73	18.2	2200	1.69	0.62	0.87	0.86	54.9	6.8	10	11.90	12.7
Q925973		4.36	0.039	0.90	7.57	23.7	2040	1.89	1.02	1.58	1.97	52.8	15.7	9	12.10	13.6
Q925974		4.51	0.188	1.78	7.37	222	1420	1.81	2.49	0.42	9.01	60.5	8.3	9	16.70	48.7
Q925975		4.25	0.035	0.27	7.75	15.5	2440	1.60	0.63	1.60	0.46	53.8	6.3	9	9.24	9.6
Q925976		4.39	0.024	0.36	7.76	17.8	2830	1.59	1.16	1.12	0.66	57.9	8.8	9	10.10	10.6
Q925977		4.38	0.045	0.77	7.62	33.3	1430	1.61	3.06	0.58	1.92	58.7	24.6	10	9.37	6.0
Q925978		4.19	<0.005	0.14	7.99	19.5	2130	1.60	0.36	0.95	0.47	54.8	9.1	10	9.84	6.4
Q925979		3.89	0.005	0.15	8.38	28.6	2300	1.74	0.32	1.21	1.00	58.4	6.9	9	12.60	5.5
Q925980		5.28	0.038	0.98	8.09	42.7	2080	1.62	1.43	0.32	3.59	60.7	7.0	8	13.15	8.9
Q925981		5.09	0.302	2.73	7.56	125.5	1830	1.61	1.97	0.20	5.33	48.9	8.3	9	18.30	21.7
Q925982		6.77	0.122	1.59	7.51	75.3	1350	1.65	1.46	0.22	6.17	50.4	7.1	10	24.9	20.2
Q926801		4.37	0.064	0.37	8.58	27.4	2380	1.35	0.35	0.26	2.77	52.6	7.7	9	16.90	12.2
Q926802		<0.02	0.043	0.38	8.69	27.6	2430	1.45	0.36	0.27	2.80	54.0	7.8	8	17.20	11.9
Q926803		4.49	0.011	0.39	8.43	21.1	2440	1.46	0.36	0.47	1.05	58.3	7.6	7	14.25	9.5
Q926804		3.65	0.197	1.70	7.77	129.5	1920	1.78	1.10	0.27	12.15	59.4	16.3	9	21.6	16.0
Q926805		4.68	1.005	1.57	7.68	48.8	2370	1.89	1.87	0.21	5.26	60.8	11.3	7	26.8	40.6
Q926806		4.27	0.060	0.82	7.82	31.0	2920	1.70	0.99	0.20	5.22	57.3	11.0	8	11.90	28.1
Q926807		3.72	0.089	0.41	8.13	31.6	2470	1.67	0.44	0.42	6.40	71.6	10.6	7	14.35	26.5
Q926808		4.82	0.043	0.45	8.11	18.5	2500	1.58	0.74	0.47	3.97	62.2	8.5	8	11.35	20.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110058

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925955		4.53	16.70	0.16	1.8	0.168	3.03	13.9	14.6	0.28	1390	5.47	0.18	8.9	3.2	550
Q925956		3.27	17.10	0.17	1.6	0.230	3.36	29.9	27.9	0.21	859	4.71	1.35	8.7	2.8	590
Q925957		2.98	18.10	0.16	1.6	0.080	3.08	23.0	20.3	0.26	612	2.29	0.91	9.9	2.5	630
Q925958		3.52	17.40	0.16	1.5	0.078	3.18	23.0	20.5	0.42	468	2.32	0.88	9.5	3.1	630
Q925959		3.31	16.20	0.17	1.5	0.075	2.86	22.6	13.5	0.59	447	1.91	1.64	9.0	2.9	600
Q925960		3.51	16.60	0.17	1.5	0.120	2.69	27.9	16.9	0.33	889	2.38	1.16	9.3	3.1	680
Q925961		9.33	13.20	0.24	0.9	1.705	2.66	16.7	16.4	0.70	2310	18.45	0.06	5.2	13.7	470
Q925962		2.03	14.70	0.14	1.3	0.178	2.68	25.9	25.9	0.23	149	4.59	0.05	7.5	1.2	250
Q925963		3.84	13.15	0.16	1.5	0.280	2.33	23.5	36.0	0.21	667	22.7	0.04	6.9	4.9	470
Q925964		1.66	16.95	0.16	1.6	0.353	3.37	31.5	10.3	0.24	136	3.59	0.04	9.1	0.9	150
Q925965		3.73	17.25	0.18	1.5	0.297	3.52	29.5	11.8	0.23	2340	3.19	0.04	9.2	3.4	630
Q925966		0.47	0.37	0.10	<0.1	0.006	0.03	0.7	1.2	13.40	188	0.21	<0.01	0.3	<0.2	190
Q925967		4.60	18.55	0.22	1.2	0.569	3.45	40.4	42.2	0.26	1120	3.71	0.05	7.9	3.1	540
Q925968		3.57	17.55	0.20	1.3	0.184	3.24	21.5	53.7	0.20	1200	3.11	0.08	8.9	4.2	630
Q925969		3.18	18.25	0.18	3.7	0.053	3.12	17.0	17.9	0.30	1680	3.68	0.12	11.2	11.0	820
Q925970		2.64	17.10	0.14	1.6	0.075	3.13	15.1	19.9	0.19	365	2.63	0.76	9.4	2.3	610
Q925971		2.94	16.30	0.18	1.3	0.194	2.65	27.6	9.3	0.78	542	3.29	2.13	8.8	3.0	570
Q925972		2.93	16.05	0.17	1.4	0.120	2.98	29.5	10.5	0.84	589	3.00	1.80	8.9	2.4	600
Q925973		2.43	16.95	0.16	1.3	0.257	2.97	28.2	9.4	0.36	1140	3.25	1.48	7.9	2.4	590
Q925974		5.64	16.60	0.20	1.4	0.326	3.17	36.8	15.5	0.26	2060	4.73	0.14	7.4	2.7	530
Q925975		3.00	16.90	0.18	1.4	0.116	2.80	30.5	12.5	0.76	607	1.94	2.25	8.4	2.5	610
Q925976		2.89	17.20	0.17	1.2	0.135	2.81	34.7	14.4	0.91	554	1.76	1.54	8.5	2.3	570
Q925977		3.87	16.30	0.18	1.1	0.146	2.51	33.5	9.3	0.43	652	24.8	1.24	6.2	3.3	510
Q925978		3.27	17.35	0.19	1.4	0.118	2.80	30.1	15.6	0.91	442	1.79	1.47	8.8	2.8	590
Q925979		3.33	17.65	0.19	1.5	0.078	3.00	32.2	16.5	0.64	556	1.96	1.92	9.4	2.9	630
Q925980		3.35	16.95	0.18	1.3	0.133	3.11	32.4	17.5	0.35	970	2.26	0.43	7.7	2.9	610
Q925981		4.92	15.40	0.20	1.1	0.451	3.38	28.1	11.6	0.29	1660	5.56	0.05	6.5	2.5	460
Q925982		3.42	15.80	0.16	1.2	0.310	3.14	29.1	17.2	0.27	1680	3.33	0.04	6.8	3.2	520
Q926801		3.13	17.65	0.17	1.4	0.130	3.31	28.9	25.4	0.16	975	2.08	0.20	8.9	3.0	620
Q926802		3.18	17.70	0.18	1.4	0.126	3.31	29.5	25.6	0.16	1020	2.18	0.20	9.0	3.0	630
Q926803		3.42	17.50	0.17	1.4	0.108	3.23	27.6	20.0	0.53	487	1.64	0.92	8.9	2.9	620
Q926804		4.62	15.95	0.21	1.3	0.314	3.22	40.7	20.1	0.23	3270	7.91	0.06	7.3	5.1	580
Q926805		2.94	17.25	0.17	1.2	0.153	2.77	35.5	25.9	0.30	823	12.05	0.05	7.0	3.2	540
Q926806		2.32	17.45	0.16	1.2	0.170	3.51	36.5	19.8	0.25	549	13.20	0.54	6.5	2.5	550
Q926807		3.17	16.70	0.20	1.5	0.139	3.29	34.3	14.5	0.40	1120	3.65	1.26	8.6	3.1	610
Q926808		2.94	16.75	0.19	1.4	0.159	3.20	34.1	15.5	0.67	707	2.00	1.43	8.6	2.8	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110058

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925955		121.0	141.5	<0.002	0.61	7.91	8.0	1	4.2	48.6	0.69	0.21	9.4	0.241	3.01	5.3
Q925956		165.5	163.0	<0.002	0.17	4.75	10.6	1	3.2	142.0	0.70	0.16	14.8	0.241	2.33	4.1
Q925957		26.7	135.5	<0.002	0.01	14.55	11.4	1	1.7	117.0	0.80	<0.05	14.8	0.267	1.47	2.9
Q925958		38.7	134.0	<0.002	0.02	10.85	11.5	1	1.7	126.5	0.75	<0.05	14.8	0.274	1.54	3.6
Q925959		36.7	127.0	<0.002	0.01	4.84	9.9	1	1.6	221	0.72	0.10	14.4	0.254	1.39	3.1
Q925960		33.5	123.5	<0.002	0.02	12.60	10.8	1	1.9	147.5	0.73	0.07	16.3	0.268	1.62	4.2
Q925961		1660	146.0	0.003	8.11	112.0	7.7	2	12.2	62.3	0.42	0.80	9.2	0.170	2.25	5.7
Q925962		103.5	163.5	<0.002	0.12	55.1	8.4	1	5.1	44.5	0.60	0.62	9.7	0.213	3.42	2.6
Q925963		113.5	138.0	<0.002	0.17	99.5	6.8	5	4.3	69.2	0.52	2.42	9.8	0.190	2.97	5.2
Q925964		294	183.5	<0.002	0.14	150.0	9.7	5	11.6	28.9	0.72	3.25	7.6	0.251	3.82	2.4
Q925965		253	179.5	<0.002	0.12	8.07	10.9	1	2.2	42.1	0.77	0.15	16.1	0.260	3.73	4.6
Q925966		2.2	1.3	<0.002	<0.01	0.42	0.2	1	<0.2	51.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q925967		154.0	204	<0.002	0.40	9.45	12.0	1	5.5	56.8	0.63	0.24	14.6	0.227	3.42	4.4
Q925968		33.4	144.0	<0.002	0.13	7.79	10.6	1	2.6	87.7	0.70	0.13	12.2	0.253	2.50	4.3
Q925969		42.7	127.0	<0.002	0.04	17.40	6.9	1	1.4	93.2	0.81	<0.05	8.2	0.266	2.91	4.8
Q925970		35.7	127.0	<0.002	0.01	14.10	10.9	1	1.6	106.0	0.79	0.05	15.1	0.266	1.30	2.8
Q925971		53.4	114.5	<0.002	0.26	3.54	10.0	1	2.0	278	0.71	0.26	14.7	0.248	1.37	3.6
Q925972		54.5	120.0	<0.002	0.09	4.01	10.1	1	2.1	237	0.72	0.15	15.4	0.258	1.42	3.1
Q925973		50.4	149.5	<0.002	0.46	4.87	9.8	1	2.3	181.0	0.69	0.42	14.1	0.229	1.99	2.8
Q925974		314	176.5	<0.002	0.49	10.90	9.3	1	5.7	34.6	0.63	0.16	15.6	0.211	2.68	4.9
Q925975		25.4	118.5	<0.002	0.09	2.77	9.4	1	1.8	346	0.70	0.26	13.7	0.253	1.25	3.2
Q925976		41.1	122.0	<0.002	0.10	3.58	9.6	1	2.1	229	0.71	0.53	14.5	0.241	1.31	2.8
Q925977		75.4	140.5	0.006	0.32	5.49	8.6	1	2.0	106.5	0.53	1.66	13.5	0.179	1.97	3.0
Q925978		23.8	118.0	<0.002	0.07	3.41	10.2	1	1.9	209	0.71	0.10	15.1	0.249	1.26	3.1
Q925979		24.9	127.5	<0.002	0.06	3.94	10.1	1	2.0	278	0.77	0.11	16.0	0.275	1.42	3.3
Q925980		36.3	156.5	<0.002	0.10	8.71	9.8	1	2.9	68.2	0.63	0.63	15.5	0.235	2.15	3.7
Q925981		223	197.5	<0.002	0.18	14.35	8.7	1	5.5	26.7	0.53	1.44	13.6	0.202	3.13	4.7
Q925982		137.0	180.0	<0.002	0.17	14.15	9.1	1	3.2	23.3	0.60	0.51	14.8	0.202	2.69	4.2
Q926801		64.3	139.5	<0.002	0.07	13.80	10.1	1	1.6	69.5	0.73	0.08	16.0	0.270	1.80	3.8
Q926802		65.2	141.5	<0.002	0.07	14.15	10.3	1	1.7	70.0	0.76	0.08	16.6	0.275	1.87	3.9
Q926803		39.2	136.5	<0.002	0.02	7.24	10.2	1	1.6	128.5	0.75	0.17	16.8	0.261	1.53	2.9
Q926804		105.5	159.5	<0.002	0.22	17.35	9.9	1	5.6	40.1	0.62	0.76	14.1	0.216	2.65	5.3
Q926805		128.5	167.0	<0.002	0.14	16.60	10.6	1	8.5	43.0	0.59	0.63	14.7	0.213	2.13	3.8
Q926806		91.4	166.0	0.002	0.14	8.39	9.8	1	2.7	92.6	0.53	0.35	14.1	0.200	2.24	3.8
Q926807		76.7	138.0	<0.002	0.03	7.17	10.0	1	2.5	168.5	0.72	0.14	15.5	0.251	1.82	3.9
Q926808		51.3	132.0	<0.002	0.05	4.28	10.7	1	2.0	181.0	0.75	0.28	16.4	0.249	1.61	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110058

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925955		62	8.1	11.7	387	55.4
Q925956		65	4.7	21.8	399	44.9
Q925957		68	4.9	17.6	131	43.0
Q925958		69	4.4	18.9	303	39.7
Q925959		64	2.2	15.2	263	40.1
Q925960		68	2.8	19.2	465	39.9
Q925961		58	7.7	9.7	3460	23.6
Q925962		53	5.5	9.9	155	34.6
Q925963		52	5.3	10.4	531	50.8
Q925964		60	12.5	9.3	104	43.5
Q925965		70	5.7	18.9	1020	38.1
Q925966		2	0.1	0.9	17	0.5
Q925967		65	4.3	17.2	1020	33.5
Q925968		68	4.3	15.6	714	34.9
Q925969		67	5.1	12.7	643	130.0
Q925970		68	4.6	14.2	140	42.3
Q925971		65	1.5	17.3	139	35.7
Q925972		66	1.6	18.4	161	37.6
Q925973		61	1.7	18.6	162	35.0
Q925974		61	7.4	20.6	757	39.3
Q925975		64	2.4	16.2	88	36.4
Q925976		63	2.4	18.6	138	34.2
Q925977		52	1.7	15.1	218	29.6
Q925978		65	2.2	16.0	199	37.5
Q925979		71	1.9	16.0	246	38.6
Q925980		65	2.3	17.4	411	34.6
Q925981		59	3.8	15.9	766	30.3
Q925982		58	3.1	17.7	711	31.5
Q926801		69	4.0	16.8	444	35.7
Q926802		70	4.1	17.0	450	35.5
Q926803		67	3.0	14.8	298	36.3
Q926804		67	2.9	22.6	1020	32.9
Q926805		78	4.2	15.8	433	32.4
Q926806		70	2.5	18.8	332	33.0
Q926807		68	2.8	17.1	353	39.7
Q926808		65	1.9	20.2	266	37.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110058

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110059

Project: KLAZA

P.O. No.: BATCH T7

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110059

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926809		3.44	0.069	2.65	7.29	78.6	2390	1.72	4.85	0.38	5.05	47.2	10.6	7	18.45	40.4
Q926810		3.92	0.023	0.25	8.41	16.7	2530	1.62	0.43	0.53	3.83	66.3	8.6	7	12.25	14.8
Q926811		4.20	0.395	2.83	7.93	184.0	1430	1.28	2.76	0.14	1.59	43.8	3.7	7	16.75	25.4
Q926812		4.85	0.088	0.63	8.12	56.4	1720	1.91	0.69	0.44	9.30	63.3	11.6	7	20.7	15.2
Q926813		3.38	0.115	0.71	9.32	68.7	2390	1.78	0.73	0.26	10.60	66.7	8.1	12	28.6	38.3
Q926814		3.51	0.347	0.84	8.46	105.0	1780	1.85	1.51	0.40	20.0	69.1	12.4	7	24.6	38.3
Q926815		4.00	0.199	1.06	7.98	100.5	1730	1.80	1.77	0.59	11.90	63.8	23.3	7	21.6	67.4
Q926816		3.34	0.354	2.78	9.33	120.0	1390	2.07	3.73	0.98	8.85	65.9	30.0	6	20.6	94.6
Q926817		3.78	0.259	2.14	7.70	94.8	1110	1.56	2.31	0.94	7.50	69.2	15.5	7	18.45	113.0
Q926818		3.91	0.101	1.05	8.28	53.9	1770	1.87	1.59	0.20	11.30	55.8	7.3	7	20.7	85.8
Q926819		6.21	1.305	8.01	5.89	315	1170	1.16	8.73	0.12	1.20	48.4	1.2	8	24.0	46.0
Q926820		4.55	0.352	3.18	7.98	226	1330	1.35	3.84	0.14	1.84	62.9	1.2	7	18.35	93.6
Q926821		4.19	0.408	2.15	7.95	103.5	2560	1.77	3.25	0.33	4.42	53.0	6.3	7	17.00	136.0
Q926822		2.98	0.266	0.88	7.67	37.7	2370	1.60	1.83	0.82	2.83	56.7	7.3	8	9.20	45.7
Q926823		3.05	0.219	0.95	8.06	61.9	2070	1.64	2.24	0.38	2.18	50.4	4.6	8	12.30	51.9
Q926824		2.66	0.218	1.10	8.18	76.0	2390	1.59	3.08	0.42	2.15	53.3	5.9	8	12.70	44.5
Q926825		3.40	0.102	1.09	8.57	130.5	1260	1.51	2.42	0.15	0.96	59.1	5.9	7	21.7	24.6
Q926826		3.15	0.597	4.58	8.18	36.4	1260	1.23	5.88	0.04	0.14	49.3	0.3	9	4.55	6.9
Q926827		2.65	0.066	0.97	8.17	30.1	1910	1.51	1.93	0.13	1.33	48.0	4.1	11	14.20	60.4
Q926828		2.88	0.124	1.07	8.38	78.6	2120	1.69	2.25	0.40	3.00	65.9	9.4	7	18.65	65.8
Q926829		<0.02	0.143	1.03	8.36	67.6	2240	1.66	1.98	0.46	3.02	64.4	9.6	8	17.35	62.6
Q926830		3.14	0.110	1.15	8.04	43.8	2340	1.70	2.38	0.50	4.04	56.8	20.2	7	11.40	63.3
Q926831		2.63	0.169	0.79	7.55	28.7	2930	1.51	3.20	0.59	1.03	44.7	4.5	8	10.10	42.2
Q926832		3.83	0.052	0.69	8.22	33.5	2810	1.36	2.05	0.26	1.08	50.4	2.1	6	15.25	18.3
Q926833		3.23	0.096	0.99	8.44	73.5	3030	2.32	2.20	0.16	3.32	62.5	14.6	6	20.6	57.3
Q926834		3.80	0.104	0.68	8.33	41.3	2670	1.34	1.67	0.36	0.85	38.1	3.4	7	13.40	24.3
Q926835		5.22	0.200	1.59	8.00	199.0	2150	1.44	2.66	0.17	1.21	62.1	2.6	5	22.0	28.9
Q926836		4.21	0.066	0.98	8.72	124.5	2860	1.66	1.46	0.11	0.87	62.5	4.6	6	21.2	39.7
Q926837		0.26	0.841	12.75	6.73	1595	1300	1.54	13.05	1.88	34.3	47.9	16.8	17	14.70	293
Q926838		6.67	0.213	1.34	7.30	180.5	810	1.10	1.89	0.09	0.74	61.9	1.2	5	21.2	25.0
Q926839		4.99	0.307	6.25	6.74	137.0	1230	1.02	6.83	0.06	0.29	54.6	0.2	6	8.74	6.4
Q926840		6.13	<0.005	0.02	0.06	0.2	20	0.05	0.05	20.6	0.06	1.20	0.6	1	0.15	1.2
Q926841		2.39	0.032	0.61	8.07	115.5	2680	1.44	1.54	0.59	0.75	67.2	3.6	7	20.5	50.3
Q926842		3.81	0.022	1.36	7.35	34.1	2560	1.22	1.43	0.26	0.54	67.4	3.0	5	14.70	39.6
Q926843		4.56	0.031	0.56	7.68	23.1	2840	1.64	1.49	0.12	0.54	56.9	4.0	5	14.20	56.5
Q926844		3.19	0.026	0.61	8.44	25.0	2550	1.92	2.99	0.46	1.99	57.0	11.6	6	13.65	116.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110059

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926809		3.30	15.45	0.18	1.3	0.304	3.24	31.8	13.1	0.38	526	16.75	0.62	7.0	2.3	490
Q926810		3.28	17.10	0.19	1.6	0.112	3.25	29.9	20.8	0.65	694	2.21	0.92	9.2	2.8	630
Q926811		5.53	16.25	0.21	1.4	0.283	3.41	24.8	17.5	0.24	318	3.11	0.18	8.1	1.6	480
Q926812		4.68	17.00	0.22	1.4	0.264	3.22	38.1	24.9	0.33	1780	4.16	0.80	8.5	3.6	580
Q926813		3.32	19.30	0.20	2.3	0.180	3.66	37.5	13.4	0.22	1280	2.41	0.06	9.4	4.5	720
Q926814		3.55	17.15	0.21	1.5	0.359	3.24	41.6	67.1	0.26	2110	3.12	0.05	8.8	3.9	600
Q926815		3.57	16.85	0.20	1.3	0.304	3.19	36.4	12.1	0.31	2640	3.64	0.05	8.4	2.9	580
Q926816		6.95	25.6	0.29	1.3	0.497	4.13	38.4	8.0	0.54	1420	10.30	0.06	8.5	2.6	650
Q926817		3.64	16.90	0.22	1.1	0.291	2.96	42.8	21.8	0.43	1440	2.99	0.06	8.0	2.5	580
Q926818		3.82	18.30	0.20	1.2	0.349	3.05	31.1	32.9	0.17	3240	1.81	0.09	8.4	2.8	620
Q926819		4.23	14.55	0.19	1.0	0.368	2.62	29.7	17.5	0.26	184	3.48	0.03	5.5	0.7	330
Q926820		3.74	16.40	0.20	1.2	0.700	3.62	36.6	11.7	0.28	191	2.08	0.03	8.2	0.9	490
Q926821		4.27	16.35	0.22	1.2	0.370	3.32	30.2	23.8	0.25	454	2.16	0.69	8.2	2.2	600
Q926822		3.97	16.25	0.24	1.3	0.184	2.98	31.2	10.3	0.70	576	1.46	2.04	8.1	2.3	620
Q926823		4.82	16.80	0.24	1.4	0.336	3.25	29.6	25.4	0.34	273	2.51	1.05	8.2	1.9	670
Q926824		4.25	16.60	0.22	1.4	0.337	3.70	30.9	18.1	0.34	386	2.44	1.00	8.2	2.0	790
Q926825		4.10	17.40	0.22	1.6	0.335	3.95	33.2	18.7	0.25	274	3.24	0.06	8.7	2.1	590
Q926826		1.18	16.80	0.14	1.5	0.195	3.85	29.8	5.7	0.28	92	2.18	0.07	8.3	0.6	90
Q926827		3.21	18.10	0.12	1.4	0.305	4.09	30.4	7.7	0.31	203	2.15	0.17	7.1	2.1	430
Q926828		3.79	17.25	0.14	1.3	0.197	4.10	39.9	11.8	0.42	492	2.15	0.77	8.2	2.2	580
Q926829		3.67	16.80	0.14	1.3	0.194	3.97	38.1	11.6	0.43	551	2.03	0.88	8.3	2.3	590
Q926830		4.56	16.30	0.13	1.2	0.188	3.32	33.8	12.6	0.71	690	2.76	1.58	8.2	2.2	540
Q926831		3.36	16.50	0.12	1.1	0.114	3.09	26.6	8.1	0.65	264	1.03	1.90	8.7	1.2	650
Q926832		3.47	16.85	0.12	1.3	0.250	3.48	35.0	17.7	0.40	208	1.77	0.65	9.2	0.8	400
Q926833		3.79	16.90	0.13	1.4	0.319	3.48	32.7	39.7	0.19	580	2.85	0.15	9.1	2.1	680
Q926834		3.55	16.35	0.12	1.3	0.190	3.45	22.7	21.3	0.52	223	2.52	0.71	9.0	1.5	610
Q926835		3.46	16.10	0.13	1.3	0.297	3.62	38.0	14.8	0.31	148	5.32	0.25	7.9	1.2	540
Q926836		3.88	17.20	0.12	1.4	0.427	4.01	36.8	20.7	0.22	250	1.86	0.11	8.8	2.1	710
Q926837		6.67	15.00	0.14	1.1	0.831	2.93	25.9	18.9	0.79	1820	9.08	0.13	6.9	11.4	530
Q926838		4.92	15.80	0.13	1.2	0.511	3.29	35.4	13.2	0.26	195	4.26	0.04	8.2	0.4	610
Q926839		3.11	14.05	0.12	1.3	0.285	3.49	32.0	9.2	0.25	145	0.98	0.04	8.1	<0.2	190
Q926840		0.46	0.16	0.12	<0.1	0.010	0.03	0.6	0.8	12.85	190	<0.05	0.01	0.2	0.9	170
Q926841		3.69	16.60	0.15	1.3	0.169	3.61	42.1	11.5	0.52	265	0.96	0.95	8.9	1.4	630
Q926842		3.90	15.45	0.12	1.4	0.225	3.19	47.0	9.0	0.43	188	0.98	0.78	7.4	0.8	430
Q926843		3.55	14.65	0.14	1.6	0.117	3.32	38.0	16.0	0.43	149	1.79	0.72	7.8	1.0	450
Q926844		3.17	16.70	0.13	1.7	0.118	3.26	30.0	19.3	0.55	758	1.22	1.56	9.4	1.9	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110059

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926809		107.5	151.5	<0.002	0.12	9.00	8.5	1	2.1	110.0	0.63	0.44	13.9	0.197	2.37	3.0
Q926810		36.0	131.0	<0.002	0.02	6.49	9.9	1	1.9	124.5	0.82	0.07	17.1	0.265	1.59	3.0
Q926811		251	154.5	<0.002	0.14	9.37	8.5	1	5.7	39.6	0.69	0.09	14.3	0.239	2.66	2.7
Q926812		106.5	150.0	<0.002	0.07	6.83	10.4	1	3.1	105.0	0.73	0.20	16.8	0.243	2.33	4.3
Q926813		44.6	167.0	<0.002	0.05	13.45	9.6	1	2.2	86.9	0.80	0.05	16.9	0.269	3.24	6.5
Q926814		68.3	162.5	<0.002	0.21	9.38	10.5	1	2.5	41.7	0.80	0.19	17.1	0.257	2.86	6.0
Q926815		63.7	151.5	<0.002	0.50	8.17	10.4	1	2.6	47.2	0.73	0.46	15.9	0.246	3.02	8.1
Q926816		108.0	213	<0.002	2.30	6.50	10.2	3	4.8	47.5	0.78	1.54	15.5	0.272	4.38	9.1
Q926817		64.9	141.5	<0.002	1.20	10.00	10.3	1	3.3	67.6	0.67	1.39	15.0	0.237	2.91	5.5
Q926818		44.4	139.0	<0.002	0.04	12.55	9.7	1	3.1	49.5	0.68	0.59	14.6	0.253	2.19	9.7
Q926819		252	159.5	<0.002	0.60	44.8	6.8	1	8.7	103.5	0.47	1.11	10.7	0.172	2.87	3.3
Q926820		347	196.0	<0.002	0.48	18.25	10.2	1	3.9	48.2	0.67	0.46	16.3	0.255	4.52	4.2
Q926821		171.5	149.0	<0.002	0.12	9.19	10.4	1	2.4	124.0	0.68	1.41	16.4	0.245	2.66	5.8
Q926822		58.3	126.5	<0.002	0.44	3.47	9.8	1	2.6	268	0.68	0.75	15.3	0.242	1.80	4.2
Q926823		86.2	152.0	<0.002	0.14	4.71	9.8	1	3.8	124.0	0.71	0.94	15.3	0.240	2.41	3.7
Q926824		92.8	162.5	<0.002	0.16	4.20	10.2	1	3.4	150.0	0.68	1.55	15.7	0.252	2.74	3.5
Q926825		68.8	181.5	<0.002	0.36	7.17	10.2	1	3.1	56.6	0.76	0.50	15.4	0.271	3.38	3.9
Q926826		48.8	177.0	<0.002	0.18	7.80	9.5	1	17.1	17.5	0.73	0.43	5.7	0.245	2.85	1.7
Q926827		70.7	181.0	<0.002	0.19	3.96	10.6	1	6.0	48.9	0.56	0.27	11.7	0.210	3.30	3.2
Q926828		83.6	213	<0.002	0.24	5.37	11.3	1	3.5	140.0	0.66	0.61	16.5	0.239	3.20	3.7
Q926829		77.1	202	<0.002	0.25	4.95	10.9	1	3.4	149.0	0.68	0.56	16.5	0.243	3.07	3.6
Q926830		106.5	143.5	<0.002	0.16	4.13	11.5	2	3.4	196.0	0.70	0.86	16.7	0.229	2.03	6.8
Q926831		42.7	136.5	<0.002	0.19	4.30	10.7	1	3.2	216	0.69	1.69	13.3	0.249	2.08	3.1
Q926832		44.5	154.5	<0.002	0.24	4.62	11.3	1	3.2	110.0	0.71	0.74	12.8	0.266	2.52	2.3
Q926833		71.3	162.0	<0.002	0.12	7.65	11.9	1	2.7	47.4	0.72	0.32	19.2	0.254	2.89	7.2
Q926834		58.3	148.5	<0.002	0.19	5.12	10.4	1	3.2	114.0	0.72	0.38	14.5	0.266	2.11	2.8
Q926835		150.5	177.0	<0.002	0.43	10.90	10.2	1	3.5	96.4	0.68	0.53	15.7	0.226	3.33	4.0
Q926836		219	182.5	<0.002	0.18	10.25	11.8	1	2.6	59.7	0.73	0.18	15.5	0.288	3.62	6.3
Q926837		1315	169.0	<0.002	4.77	70.7	9.7	2	8.6	97.9	0.57	1.38	12.7	0.212	2.74	5.7
Q926838		205	175.5	<0.002	1.06	18.10	9.8	1	4.4	65.8	0.71	0.40	15.7	0.237	4.38	3.6
Q926839		895	174.5	<0.002	1.00	13.95	8.0	<1	10.3	20.1	0.70	0.27	8.2	0.231	4.03	1.3
Q926840		4.0	1.5	<0.002	0.01	0.13	0.2	<1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q926841		68.8	161.5	<0.002	0.41	8.76	11.6	1	2.3	157.5	0.75	0.67	19.6	0.253	3.25	4.9
Q926842		290	156.0	<0.002	0.46	4.51	8.8	1	4.1	120.5	0.70	0.25	15.7	0.198	2.78	2.8
Q926843		80.0	147.0	<0.002	0.52	4.30	9.1	2	2.2	107.5	0.83	0.42	16.5	0.181	2.25	3.7
Q926844		53.6	144.0	<0.002	0.07	4.57	11.2	1	2.2	202	0.83	1.51	15.9	0.259	2.07	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110059

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926809		57	2.2	18.4	496	34.6
Q926810		67	3.3	16.6	355	41.9
Q926811		64	7.1	9.4	701	35.0
Q926812		65	3.2	21.9	712	36.0
Q926813		74	12.2	19.5	688	69.5
Q926814		70	4.0	23.5	875	36.9
Q926815		64	5.4	21.7	853	32.7
Q926816		148	4.4	20.4	871	32.9
Q926817		68	3.5	19.6	529	29.1
Q926818		68	4.0	16.3	1050	32.4
Q926819		50	7.4	6.1	231	25.2
Q926820		64	3.8	7.8	452	30.5
Q926821		66	2.1	16.8	624	31.9
Q926822		64	1.7	15.1	301	32.1
Q926823		67	3.3	14.0	511	37.2
Q926824		68	2.9	14.3	419	36.6
Q926825		78	3.4	11.1	323	40.8
Q926826		71	11.6	5.5	22	39.0
Q926827		67	3.3	11.3	269	44.7
Q926828		67	3.4	16.4	340	36.6
Q926829		68	3.2	16.3	329	36.6
Q926830		64	1.9	19.2	418	37.2
Q926831		69	1.3	10.4	154	33.1
Q926832		71	1.2	10.6	216	34.9
Q926833		67	2.2	19.2	404	39.1
Q926834		67	2.0	10.2	217	39.0
Q926835		65	2.7	9.8	249	36.3
Q926836		80	2.5	13.3	531	38.8
Q926837		63	5.6	12.2	2420	30.6
Q926838		65	3.6	9.9	309	34.5
Q926839		52	6.5	5.6	36	36.7
Q926840		1	0.1	0.8	15	<0.5
Q926841		70	1.8	11.8	267	37.1
Q926842		57	1.1	8.8	256	36.6
Q926843		51	1.4	12.1	186	42.4
Q926844		66	2.0	20.4	341	45.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110059

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

CERTIFICATE WH14110340

Project: KLAZA

P.O. No.: Batch 73

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

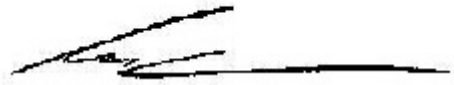
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110340

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925709		5.51	<0.005	0.07	8.14	20.2	740	1.23	0.46	3.01	0.06	43.7	4.5	9	8.70	2.1
Q925710		4.73	<0.005	0.07	7.58	9.9	420	1.03	0.20	3.58	0.05	43.9	3.6	7	4.70	1.7
Q925711		6.55	<0.005	0.06	6.86	9.5	1200	1.69	0.27	2.74	0.05	43.8	5.1	9	5.96	3.7
Q925712		3.26	0.018	0.23	7.29	18.8	1950	1.82	2.63	2.46	0.10	47.5	22.7	8	8.79	5.2
Q925713		5.14	0.032	2.02	6.80	96.7	1680	1.65	1.93	2.55	1.59	47.2	15.1	7	11.85	5.1
Q925714		5.21	<0.005	0.03	0.10	0.2	40	0.11	0.03	20.6	0.10	1.33	0.8	1	0.24	2.4
Q925715		5.53	0.730	11.85	6.87	1955	1600	1.48	3.19	2.42	15.50	53.1	15.2	8	11.55	32.6
Q925716		6.01	0.045	1.29	7.17	265	1850	1.87	1.02	2.37	0.67	54.1	9.1	10	11.70	3.8
Q925717		4.35	0.037	0.37	7.00	259	1820	1.62	0.32	4.49	0.15	41.6	3.6	6	9.20	4.9
Q925718		<0.02	0.032	0.37	7.26	225	1840	1.50	0.36	4.48	0.07	43.2	3.0	6	9.34	5.4
Q925719		2.36	0.046	0.55	5.83	166.0	1360	1.41	0.63	3.48	0.11	27.0	5.3	6	12.50	8.5
Q925720		3.59	0.006	0.32	6.83	28.4	1250	1.49	0.58	2.15	0.11	50.0	6.6	7	11.15	3.3
Q925721		5.79	<0.005	0.20	7.74	18.5	2060	1.25	0.15	1.35	0.09	48.1	5.2	9	10.00	6.6
Q925722		2.32	<0.005	0.35	6.41	23.3	5250	1.30	0.57	1.63	0.15	32.1	4.0	7	9.27	7.4
Q925723		6.00	0.007	0.48	7.58	16.6	2090	1.15	0.39	0.82	0.50	49.4	4.8	8	11.40	8.7
Q925724		0.24	0.363	4.20	6.67	669	850	1.29	3.47	1.98	10.20	45.7	11.4	27	12.45	309
Q925725		6.06	<0.005	0.19	7.01	14.4	1980	1.34	0.59	1.80	0.26	33.9	6.1	7	12.45	8.0
Q925726		2.62	0.008	0.83	6.66	25.6	3160	1.60	2.22	2.91	0.09	40.5	11.5	7	14.10	19.8
Q925727		4.20	0.036	9.50	7.26	56.6	2400	1.66	0.95	2.66	1.50	40.0	7.0	9	14.60	57.7
Q925728		0.24	1.670	38.9	5.66	2350	230	1.21	36.7	1.59	43.2	31.3	15.6	22	9.32	1190
Q925729		3.10	1.585	>100	6.43	1405	1230	1.42	24.5	2.09	16.15	41.3	11.5	8	16.70	1465
Q925730		4.27	<0.005	0.19	0.07	2.2	30	0.05	0.06	21.0	0.09	1.05	0.6	<1	0.15	4.4
Q925731		2.81	0.041	1.49	6.78	474	4520	1.42	0.58	2.63	0.79	43.4	10.9	7	24.0	26.1
Q925732		2.61	0.011	0.85	7.52	58.8	1130	1.43	0.60	1.83	0.15	41.3	8.6	8	23.2	36.7
Q925733		4.33	<0.005	0.41	7.00	75.1	1780	1.45	0.19	2.50	0.11	37.6	7.5	8	19.75	12.4
Q925734		3.36	<0.005	0.33	6.98	27.5	1360	1.41	0.18	2.02	0.20	38.9	6.3	8	18.45	8.2
Q925735		6.90	0.012	0.67	6.57	106.5	1650	1.25	0.38	2.35	0.08	34.5	5.1	9	15.10	5.7
Q925736		2.28	0.024	0.70	6.81	97.7	1670	1.44	0.36	2.06	0.11	39.7	6.5	8	16.55	6.8
Q925737		4.49	<0.005	0.41	7.43	57.7	2020	1.35	0.26	1.70	0.14	46.1	5.2	9	16.85	9.9
Q925738		1.81	0.017	1.07	7.11	101.5	2680	1.42	0.85	1.92	0.22	40.2	5.9	7	17.35	24.5
Q925739		3.07	<0.005	0.35	7.60	38.4	2660	1.13	0.31	1.30	0.09	43.2	8.1	7	16.90	7.1
Q925740		1.83	<0.005	0.21	7.82	29.5	2030	1.18	0.19	1.31	0.11	46.0	6.5	8	19.20	8.0
Q925741		3.85	<0.005	0.31	7.60	50.3	3030	1.13	0.26	1.64	0.15	46.2	5.7	8	16.55	15.1
Q925742		3.62	<0.005	0.43	7.13	52.8	1410	1.40	0.30	1.79	0.15	36.5	6.5	8	20.2	15.5
Q925743		1.45	<0.005	0.13	6.83	17.9	1640	1.92	0.22	2.32	0.12	40.0	5.6	9	30.8	10.6
Q925793		6.69	0.015	0.66	6.55	78.3	1430	1.46	0.47	2.76	0.19	36.3	5.7	8	17.20	26.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110340

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925709		3.99	24.0	0.15	1.5	0.185	1.08	18.6	14.8	0.75	792	0.13	5.10	9.2	2.7	690
Q925710		3.55	21.6	0.18	1.3	0.121	1.10	19.3	9.4	0.75	853	0.13	4.92	8.6	2.3	630
Q925711		2.91	16.70	0.17	1.2	0.079	1.92	20.2	9.8	0.75	565	0.56	2.61	7.4	2.5	590
Q925712		4.62	17.05	0.22	1.2	0.153	2.13	22.3	13.8	0.66	985	0.86	1.55	7.0	2.4	580
Q925713		4.89	16.15	0.15	1.2	0.310	2.95	22.1	16.1	0.83	2340	0.73	0.34	5.8	2.5	480
Q925714		0.46	0.35	0.24	<0.1	<0.005	0.04	0.6	1.6	12.50	201	0.11	0.01	0.2	1.7	230
Q925715		4.70	15.45	0.24	1.2	0.357	3.13	26.0	19.0	0.75	2490	1.03	0.04	6.3	2.6	530
Q925716		3.15	16.55	0.23	1.3	0.255	3.07	26.1	34.6	0.81	1980	0.67	0.04	7.1	1.9	560
Q925717		4.19	16.70	0.20	1.2	0.708	3.37	19.2	14.1	1.26	3920	0.41	0.03	7.2	1.2	570
Q925718		4.20	15.85	0.17	1.1	0.647	3.43	22.6	13.4	1.27	3870	0.39	0.03	7.6	1.5	570
Q925719		4.12	14.50	0.15	0.9	0.587	2.38	14.3	18.5	1.06	2760	0.34	0.04	6.0	1.4	450
Q925720		4.13	15.60	0.14	1.0	0.264	2.37	26.1	26.8	0.75	1560	1.00	0.06	6.7	2.5	560
Q925721		2.82	16.90	0.17	1.5	0.064	2.91	24.8	31.5	0.63	533	1.80	0.33	8.8	2.5	610
Q925722		2.59	16.20	0.19	1.4	0.110	2.42	14.8	41.8	0.34	838	1.87	0.06	7.9	2.0	530
Q925723		2.58	15.05	0.20	1.4	0.073	2.84	27.1	40.6	0.51	787	0.77	0.09	7.8	1.9	570
Q925724		4.91	14.65	0.14	1.1	0.285	2.85	25.8	24.2	0.76	1820	14.00	0.14	6.0	14.1	510
Q925725		2.72	15.55	0.17	1.2	0.115	2.41	16.4	30.6	0.68	1060	0.99	0.06	7.7	2.0	650
Q925726		2.68	14.55	0.17	1.1	0.182	2.78	20.1	16.6	0.91	1420	0.61	0.23	6.9	2.9	550
Q925727		3.07	16.20	0.18	1.6	0.077	2.93	18.9	14.4	0.70	1160	1.35	1.64	8.2	2.1	600
Q925728		8.71	13.65	0.10	0.8	1.480	2.57	15.4	15.2	0.66	2250	16.45	0.06	4.7	13.7	440
Q925729		4.64	13.60	0.13	1.0	0.586	2.81	21.7	14.2	0.72	3460	4.60	0.02	6.6	2.3	510
Q925730		0.48	0.22	0.10	<0.1	<0.005	0.02	0.5	1.1	12.95	215	0.12	0.01	0.2	1.3	180
Q925731		2.75	14.65	0.15	0.9	0.049	2.65	23.0	24.2	0.91	2300	1.90	0.02	6.9	2.3	520
Q925732		2.55	16.05	0.17	1.1	0.047	3.21	20.8	34.8	0.63	893	1.58	0.10	7.8	2.4	600
Q925733		2.69	15.85	0.22	1.1	0.041	2.92	18.0	38.3	0.68	736	1.73	0.94	8.0	2.4	590
Q925734		2.69	14.60	0.21	1.1	0.034	2.98	19.7	35.8	0.80	724	1.79	0.59	7.1	2.1	550
Q925735		2.91	14.65	0.18	1.1	0.066	2.74	16.5	22.5	0.81	790	0.67	1.30	7.1	2.0	560
Q925736		2.87	15.30	0.20	1.0	0.053	3.12	19.4	22.9	0.74	814	0.98	0.94	7.4	2.0	570
Q925737		2.63	16.15	0.23	1.2	0.053	3.17	23.7	41.7	0.66	682	1.27	0.20	8.1	2.0	590
Q925738		2.92	15.55	0.20	1.1	0.064	2.93	20.5	41.8	0.76	775	1.10	0.07	7.5	2.0	560
Q925739		2.89	15.70	0.22	1.2	0.046	2.87	22.5	53.5	0.61	738	0.62	0.07	7.7	2.2	600
Q925740		2.83	16.75	0.19	1.3	0.041	2.95	24.0	62.9	0.61	725	0.60	0.08	8.5	2.2	630
Q925741		2.97	16.85	0.24	1.3	0.057	2.97	23.5	41.2	0.68	802	0.91	0.09	8.4	2.2	600
Q925742		2.67	15.50	0.22	1.1	0.053	2.76	17.9	106.0	0.66	792	1.65	0.05	7.6	2.0	580
Q925743		2.31	18.00	0.22	3.6	0.031	2.71	19.1	47.1	0.72	693	0.70	0.05	9.9	3.2	760
Q925793		2.71	14.15	0.19	1.1	0.052	2.80	18.2	33.0	0.90	933	0.94	0.40	6.7	2.1	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110340

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925709		9.9	46.7	0.003	0.02	14.85	11.1	1	4.0	212	0.82	<0.05	12.2	0.287	0.96	4.2
Q925710		6.6	46.0	0.002	0.02	4.40	9.9	2	3.3	155.0	0.80	<0.05	10.3	0.259	0.94	3.7
Q925711		11.5	85.2	0.004	0.02	3.37	9.6	1	2.4	311	0.66	<0.05	11.1	0.237	1.08	3.4
Q925712		6.4	105.5	0.003	0.45	7.53	10.2	1	2.5	193.5	0.60	2.15	13.0	0.231	1.47	4.4
Q925713		107.5	152.5	0.003	1.64	7.23	8.9	1	2.5	73.8	0.57	0.92	13.3	0.195	2.46	4.0
Q925714		2.3	1.8	0.003	<0.01	0.07	0.2	1	<0.2	47.8	<0.05	<0.05	0.2	<0.005	0.02	0.8
Q925715		2100	193.5	0.003	2.08	36.8	9.4	1	3.3	44.8	0.58	1.46	12.7	0.216	2.69	3.7
Q925716		40.8	184.5	0.004	0.57	15.90	9.7	1	2.6	62.0	0.65	0.64	13.5	0.220	2.72	6.7
Q925717		11.3	171.5	0.002	0.96	10.95	10.2	1	3.8	58.6	0.64	0.07	12.0	0.229	2.88	2.0
Q925718		32.9	184.5	<0.002	0.98	10.45	10.0	1	3.5	52.7	0.63	0.09	13.1	0.233	3.27	2.3
Q925719		9.4	141.0	<0.002	1.00	9.15	8.6	<1	3.4	62.5	0.48	0.10	10.4	0.176	2.32	2.3
Q925720		8.0	108.5	<0.002	0.45	10.95	9.6	1	2.5	103.0	0.52	0.18	11.5	0.218	2.26	4.6
Q925721		17.5	110.0	<0.002	0.05	16.65	10.4	2	2.2	116.5	0.72	<0.05	13.5	0.262	1.39	2.5
Q925722		19.4	88.1	<0.002	0.17	27.2	9.2	1	2.1	180.5	0.70	0.14	9.7	0.229	1.61	3.0
Q925723		273	118.0	<0.002	0.10	25.1	9.5	1	1.9	83.3	0.67	0.11	13.9	0.245	1.74	3.2
Q925724		488	153.0	0.005	2.66	26.9	8.6	1	5.6	104.0	0.49	0.39	10.6	0.203	2.49	4.8
Q925725		27.3	82.7	<0.002	0.14	18.95	10.1	1	2.5	85.8	0.58	0.34	9.1	0.261	1.66	5.7
Q925726		11.0	106.5	<0.002	0.42	9.27	8.8	1	2.5	88.3	0.53	1.12	9.4	0.228	2.40	15.5
Q925727		308	110.0	<0.002	0.30	9.20	9.5	1	1.9	290	0.73	0.26	10.3	0.256	1.68	3.9
Q925728		1660	134.5	0.002	7.88	106.5	7.6	1	10.1	59.4	0.38	0.80	7.8	0.168	2.08	5.0
Q925729		1080	171.0	<0.002	3.81	320	8.7	1	2.7	87.6	0.53	0.26	10.7	0.209	3.02	4.7
Q925730		3.3	1.2	<0.002	0.02	0.55	0.1	1	<0.2	42.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q925731		58.3	129.0	<0.002	0.68	21.4	8.7	1	1.9	225	0.55	0.15	10.7	0.221	2.98	6.1
Q925732		16.7	120.5	<0.002	0.42	10.90	9.2	1	2.2	181.0	0.63	0.09	10.8	0.255	2.63	4.0
Q925733		19.0	106.0	<0.002	0.27	6.60	9.5	1	2.1	262	0.64	0.05	10.1	0.255	2.12	3.6
Q925734		20.3	106.0	<0.002	0.22	8.56	8.4	1	1.6	229	0.57	<0.05	10.3	0.232	2.06	3.1
Q925735		12.8	112.5	<0.002	0.36	7.00	8.4	1	1.8	232	0.57	0.06	9.0	0.233	1.98	4.0
Q925736		16.0	120.5	<0.002	0.31	7.74	8.9	1	1.7	211	0.58	0.08	9.6	0.242	2.10	3.8
Q925737		17.9	127.0	<0.002	0.25	12.35	9.8	1	2.2	172.0	0.65	<0.05	12.0	0.249	2.14	3.7
Q925738		21.4	116.0	<0.002	0.46	17.90	9.4	1	1.7	179.5	0.62	0.25	10.7	0.239	2.16	4.0
Q925739		11.4	116.5	<0.002	0.22	14.95	9.8	1	1.7	158.0	0.63	0.07	12.0	0.253	1.68	2.5
Q925740		11.2	125.0	<0.002	0.11	15.75	10.7	1	2.0	163.5	0.70	<0.05	12.8	0.263	1.72	2.6
Q925741		23.3	123.5	0.002	0.16	13.50	10.4	1	1.9	170.5	0.70	<0.05	12.4	0.256	1.78	2.7
Q925742		15.9	88.7	<0.002	0.30	12.40	8.9	1	1.8	215	0.62	0.06	9.9	0.250	2.08	3.0
Q925743		14.3	81.1	<0.002	0.07	14.90	7.0	1	1.7	365	0.74	<0.05	7.6	0.291	2.00	4.4
Q925793		22.9	103.0	<0.002	0.31	12.50	8.4	1	1.5	280	0.53	0.08	10.1	0.229	2.18	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110340

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
Q925709		91	2.4	15.5	58	35.1	
Q925710		80	1.9	13.3	50	29.2	
Q925711		69	1.3	14.8	57	28.7	
Q925712		70	2.6	14.8	74	35.6	
Q925713		71	3.1	13.7	243	33.6	
Q925714		2	0.1	0.9	16	<0.5	
Q925715		65	3.4	15.9	1380	32.5	
Q925716		62	3.6	16.1	100	36.5	
Q925717		57	6.0	16.8	39	31.7	
Q925718		57	6.0	15.8	35	30.0	
Q925719		54	6.6	15.0	51	23.4	
Q925720		70	3.4	13.6	85	26.8	
Q925721		71	5.5	15.7	51	41.8	
Q925722		68	2.9	13.0	65	38.7	
Q925723		65	5.1	14.3	88	38.0	
Q925724		65	5.7	10.9	877	29.1	
Q925725		74	4.1	14.9	73	35.2	
Q925726		59	2.5	14.9	41	29.1	
Q925727		71	2.6	14.4	213	39.8	
Q925728		55	7.3	8.2	3390	22.3	
Q925729		58	5.7	11.0	2110	25.6	128
Q925730		2	0.1	0.7	18	<0.5	
Q925731		62	6.0	13.9	118	25.1	
Q925732		70	3.4	13.1	49	28.2	
Q925733		71	5.6	13.2	45	29.1	
Q925734		64	4.5	12.3	54	28.1	
Q925735		66	3.0	12.1	55	28.3	
Q925736		67	3.5	12.0	57	25.1	
Q925737		67	4.6	14.7	51	30.3	
Q925738		66	3.3	14.4	58	27.9	
Q925739		70	5.1	14.3	48	29.8	
Q925740		72	4.8	15.7	49	31.6	
Q925741		71	5.5	15.9	56	31.5	
Q925742		69	5.9	12.2	57	28.9	
Q925743		70	3.3	13.1	61	128.5	
Q925793		64	3.7	13.1	52	25.9	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110340

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110341

Project: KLAZA

P.O. No.: Batch 74

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110341

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925744		3.49	<0.005	0.23	7.31	50.5	1950	1.33	0.44	1.88	0.15	42.8	6.8	12	16.65	14.4
Q925745		0.24	0.354	4.36	6.55	668	730	1.40	3.55	1.96	10.35	46.6	11.8	25	12.70	304
Q925746		3.11	<0.005	0.08	7.84	13.8	2300	1.19	0.28	0.93	0.12	50.2	5.9	13	16.20	6.1
Q925747		4.81	<0.005	0.15	7.00	22.1	2120	1.50	0.52	1.97	0.20	39.9	12.0	12	15.05	11.9
Q925748		2.90	<0.005	0.26	7.10	25.3	1790	1.50	0.73	1.59	0.13	42.7	5.5	11	12.15	72.2
Q925749		2.75	0.007	0.17	8.76	22.4	2310	2.01	1.87	0.96	0.16	57.7	4.3	10	29.1	14.0
Q925750		1.98	4.67	34.0	5.83	9470	580	1.29	18.00	1.43	56.9	34.7	18.7	10	13.05	605
Q925751		5.70	0.011	0.55	7.01	93.3	2620	1.46	0.47	1.82	2.57	40.1	4.2	10	20.8	11.4
Q925752		4.89	0.007	0.56	6.43	93.3	1260	1.63	0.62	2.45	0.58	37.7	5.8	7	18.70	17.4
Q925753		<0.02	0.012	0.70	6.89	113.0	1430	1.58	0.70	2.47	0.78	46.1	6.4	10	21.4	23.4
Q925754		3.99	0.006	0.19	7.48	17.4	2040	1.34	0.36	1.18	0.11	47.5	7.2	9	14.30	12.5
Q925755		2.96	<0.005	0.44	6.73	84.5	4120	1.32	0.13	1.73	1.65	42.6	6.3	12	21.1	7.7
Q925756		4.80	<0.005	0.01	0.08	1.0	40	0.06	0.03	20.6	0.07	1.11	0.6	1	0.21	3.3
Q925757		5.79	0.019	0.18	7.55	41.3	2180	1.21	0.16	1.14	0.36	47.2	5.9	12	13.75	11.2
Q925758		3.75	0.007	0.58	7.49	49.5	1600	1.47	0.19	1.18	6.85	52.5	6.2	10	20.4	13.6
Q925759		4.56	1.715	12.55	6.17	4780	840	1.45	0.22	0.74	51.8	44.9	5.5	10	14.30	53.5
Q925760		4.53	0.006	0.04	0.09	5.0	30	0.07	0.06	19.80	0.12	1.15	0.7	1	0.24	8.7
Q925761		5.12	0.259	3.53	7.28	487	1060	1.76	0.29	2.09	22.0	52.6	6.4	9	21.3	15.6
Q925762		1.45	1.985	66.6	6.39	3500	720	1.43	0.55	0.90	42.0	45.2	7.0	8	17.35	29.2
Q925763		3.06	0.009	0.23	7.94	21.7	2120	1.30	0.26	1.45	0.23	50.0	7.4	10	18.65	11.6
Q925764		2.54	0.079	1.72	7.49	194.0	1300	1.66	0.55	1.99	4.62	51.5	5.8	9	22.5	80.4
Q925765		3.51	0.011	0.33	6.72	22.4	2200	1.65	0.32	2.74	0.29	37.5	6.1	9	18.65	11.3
Q925766		3.22	0.124	0.95	7.02	548	1980	1.38	0.38	1.73	12.75	43.5	5.9	9	23.3	12.7
Q925767		0.23	0.950	13.05	6.52	1570	890	1.44	11.65	1.84	32.7	45.7	17.4	19	13.45	276
Q925768		7.11	0.007	0.19	7.78	21.2	2420	1.34	0.26	1.08	0.55	52.4	6.4	12	17.20	9.3
Q925769		3.17	0.010	0.14	7.61	11.2	1060	1.26	0.30	3.70	0.06	38.0	11.4	4	8.37	1.1
Q925770		1.52	0.016	0.20	7.87	14.4	950	1.31	0.32	3.75	0.33	37.8	13.0	5	8.48	3.0
Q925771		4.50	<0.005	0.08	7.31	7.3	2370	1.58	0.39	2.29	0.13	49.0	4.7	10	7.28	4.4
Q925772		3.90	<0.005	0.12	7.18	7.6	2510	1.57	0.31	2.44	0.13	48.6	4.4	9	7.23	6.4
Q925773		3.16	1.045	58.9	5.68	5890	600	1.21	2.77	1.17	77.0	37.6	11.2	9	10.25	93.9
Q925774		3.29	<0.005	0.44	6.93	21.6	2340	1.61	0.63	2.42	0.24	41.4	6.2	12	12.75	22.5
Q925775		5.26	<0.005	0.20	6.91	13.6	1960	1.60	0.46	2.35	0.20	39.4	5.5	10	20.9	8.8
Q925776		3.76	0.022	0.46	7.89	100.0	2010	1.29	0.41	1.17	3.05	52.8	5.8	9	18.10	16.3
Q925777		2.41	0.016	1.27	7.33	32.3	2690	1.27	0.28	1.82	2.53	41.2	5.9	8	20.1	27.3
Q925778		2.34	<0.005	0.20	7.09	15.5	2280	1.46	0.15	2.02	0.43	44.6	6.9	9	15.25	9.1
Q925779		2.12	<0.005	0.20	6.60	25.6	1590	1.47	0.17	2.95	0.27	39.6	6.4	8	19.40	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110341

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925744		2.97	16.50	0.24	1.1	0.049	2.92	21.8	44.2	0.72	754	1.43	0.20	8.1	2.5	590
Q925745		4.83	15.35	0.15	1.1	0.284	2.83	26.3	25.0	0.75	1800	14.10	0.14	6.0	14.2	510
Q925746		2.66	17.55	0.17	1.3	0.048	2.86	26.2	34.7	0.41	589	1.35	0.09	8.9	2.4	650
Q925747		2.85	16.80	0.20	1.3	0.051	2.68	19.3	26.1	0.52	566	2.02	1.18	8.4	2.7	590
Q925748		2.83	16.05	0.25	1.3	0.080	2.66	21.8	24.8	0.53	713	1.48	0.83	8.2	2.2	570
Q925749		3.78	23.4	0.23	1.2	0.337	2.46	30.9	127.5	0.52	844	3.49	0.23	7.5	1.6	550
Q925750		8.18	13.55	0.15	0.9	0.977	2.45	16.7	18.9	0.59	2890	16.70	0.03	6.3	3.2	450
Q925751		3.37	15.45	0.13	1.2	0.100	2.82	20.1	37.6	0.69	1890	1.31	0.04	7.9	2.1	580
Q925752		2.79	14.25	0.17	1.0	0.123	2.72	19.2	37.0	0.84	1920	1.19	0.04	6.7	2.3	520
Q925753		2.74	14.70	0.17	1.1	0.131	2.73	23.9	38.8	0.88	1890	1.41	0.04	6.7	3.0	500
Q925754		2.87	16.35	0.18	1.1	0.082	2.78	24.0	32.5	0.51	979	1.51	0.08	7.8	2.7	610
Q925755		2.60	15.25	0.18	1.1	0.042	2.78	21.0	40.3	0.65	1780	1.95	0.20	7.3	2.5	540
Q925756		0.46	0.30	0.21	<0.1	0.005	0.03	0.5	1.4	12.85	209	0.11	0.01	0.2	1.4	170
Q925757		2.95	17.25	0.23	1.3	0.049	2.96	23.7	40.1	0.48	731	1.95	0.29	8.6	2.5	630
Q925758		2.81	16.05	0.26	1.3	0.061	2.73	28.2	50.0	0.61	1340	2.02	0.07	8.2	2.4	590
Q925759		4.12	14.40	0.18	1.1	0.093	2.70	24.6	12.6	0.44	1970	9.84	0.02	6.3	2.7	460
Q925760		0.46	0.30	0.19	<0.1	0.005	0.03	0.6	1.3	12.20	199	0.12	0.01	0.1	1.5	150
Q925761		3.14	16.50	0.18	1.3	0.073	3.14	27.8	15.3	0.76	3240	5.74	0.02	7.8	3.3	570
Q925762		4.19	14.95	0.16	1.4	0.086	2.64	23.9	24.1	0.46	2480	7.75	0.02	6.9	3.5	500
Q925763		2.89	17.45	0.23	1.4	0.043	3.20	26.2	36.1	0.67	1060	1.24	0.11	8.5	2.6	620
Q925764		2.90	16.50	0.26	1.5	0.078	3.54	27.2	21.8	0.71	2040	1.68	0.19	7.9	2.3	580
Q925765		2.84	16.55	0.27	1.5	0.040	2.96	17.2	9.7	0.64	680	1.29	1.68	8.2	2.4	590
Q925766		2.85	16.75	0.21	1.3	0.057	3.12	21.8	38.4	0.57	3200	1.73	0.19	8.0	2.5	580
Q925767		6.45	15.10	0.20	1.1	0.812	2.77	24.7	18.8	0.76	1770	8.90	0.12	6.3	12.4	530
Q925768		2.97	17.30	0.22	1.3	0.049	3.10	27.8	36.0	0.57	761	1.47	0.35	8.5	3.1	620
Q925769		5.86	19.85	0.18	2.0	0.076	1.96	16.5	13.3	1.66	1380	3.69	1.67	5.2	3.7	1200
Q925770		6.10	20.6	0.16	2.0	0.079	1.93	16.8	14.0	1.76	1490	3.90	1.71	5.3	4.0	1150
Q925771		2.81	16.20	0.23	1.3	0.086	2.93	25.1	12.8	0.81	687	1.61	2.35	8.3	2.4	590
Q925772		2.73	15.85	0.27	1.2	0.124	3.21	25.1	9.1	0.74	750	2.88	2.08	7.9	2.1	560
Q925773		5.23	13.15	0.15	0.9	0.294	2.67	20.3	12.5	0.45	6900	7.61	0.10	5.5	2.2	410
Q925774		2.67	16.40	0.23	1.3	0.074	2.91	20.3	13.4	0.64	835	2.29	1.70	7.9	2.5	560
Q925775		2.68	16.35	0.25	1.2	0.069	3.20	18.9	37.3	0.73	969	3.43	0.65	7.9	2.3	580
Q925776		2.60	18.00	0.25	1.3	0.110	2.66	28.3	45.1	0.49	694	2.22	0.31	8.8	2.4	580
Q925777		2.59	17.10	0.24	1.2	0.078	2.42	20.9	104.5	0.61	1240	4.77	0.05	7.6	2.4	540
Q925778		2.97	16.55	0.27	1.3	0.049	2.84	22.0	20.9	0.73	640	0.62	1.20	8.1	2.3	610
Q925779		2.51	15.20	0.27	1.2	0.048	2.74	19.3	56.1	0.92	1120	4.64	0.27	7.5	2.3	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110341

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925744		15.7	114.0	<0.002	0.20	16.70	10.2	1	1.8	204	0.62	0.11	11.5	0.258	1.96	3.6
Q925745		479	156.0	0.002	2.61	27.8	8.8	1	5.4	105.0	0.49	0.29	10.7	0.196	2.47	4.9
Q925746		15.8	126.5	<0.002	0.11	18.30	10.9	1	2.0	120.0	0.72	0.09	14.1	0.267	1.76	3.2
Q925747		20.7	102.0	<0.002	0.23	7.00	9.4	1	1.8	252	0.68	0.16	10.3	0.248	1.56	3.3
Q925748		16.0	119.5	<0.002	0.15	27.1	9.7	1	1.7	173.0	0.69	0.23	12.1	0.241	1.65	3.8
Q925749		13.2	135.5	0.002	0.12	68.2	10.1	1	3.1	123.5	0.64	0.14	12.6	0.242	1.83	3.8
Q925750		4190	136.0	<0.002	7.14	225	8.6	1	6.8	60.9	0.49	1.46	8.5	0.197	2.33	5.5
Q925751		102.5	134.5	<0.002	0.28	16.25	9.5	1	2.0	135.5	0.63	<0.05	11.0	0.246	2.92	4.0
Q925752		43.8	119.5	<0.002	0.37	16.45	8.1	1	2.1	132.0	0.53	<0.05	9.4	0.215	2.82	4.3
Q925753		65.0	149.0	0.002	0.41	17.30	9.7	2	2.0	140.5	0.56	0.06	11.8	0.210	2.80	5.1
Q925754		13.9	124.0	0.003	0.17	18.75	11.6	1	2.2	104.0	0.61	<0.05	12.9	0.254	1.74	2.7
Q925755		69.5	107.0	0.003	0.20	17.50	9.5	1	2.0	153.0	0.57	<0.05	11.3	0.230	2.02	3.7
Q925756		2.1	1.5	<0.002	<0.01	0.14	0.2	1	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q925757		30.4	120.5	<0.002	0.07	16.80	10.5	1	2.3	119.0	0.70	0.05	12.2	0.266	1.57	3.7
Q925758		138.0	134.5	<0.002	0.18	23.7	10.1	1	2.2	116.0	0.68	0.05	13.3	0.246	1.90	4.5
Q925759		2060	173.0	0.003	3.11	68.8	8.9	1	8.1	46.7	0.53	<0.05	11.9	0.195	2.81	5.6
Q925760		4.6	1.5	<0.002	0.01	0.24	0.2	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q925761		870	165.0	<0.002	2.12	29.4	10.3	1	3.3	103.5	0.62	<0.05	13.2	0.241	3.00	6.9
Q925762		2520	163.0	<0.002	3.16	64.4	8.5	<1	5.2	85.2	0.55	0.15	10.5	0.216	2.72	6.7
Q925763		19.8	143.0	<0.002	0.13	9.84	10.9	1	2.0	129.0	0.66	0.06	14.0	0.261	2.16	3.0
Q925764		144.5	167.5	<0.002	0.52	25.6	10.1	<1	2.3	145.5	0.67	0.23	13.7	0.242	2.74	4.2
Q925765		27.1	113.0	<0.002	0.04	5.77	9.3	1	1.9	316	0.66	0.11	10.0	0.249	1.92	3.0
Q925766		160.0	127.0	<0.002	0.54	16.35	9.9	<1	2.4	169.5	0.65	0.15	11.3	0.244	2.55	2.8
Q925767		1320	165.0	<0.002	4.64	62.9	9.0	2	7.8	95.6	0.51	2.19	10.7	0.204	2.48	5.0
Q925768		25.7	140.5	<0.002	0.10	13.50	10.6	1	2.3	147.0	0.69	0.06	13.2	0.262	1.68	2.8
Q925769		11.3	92.2	<0.002	0.17	3.53	11.5	1	1.8	341	0.31	0.10	2.7	0.404	1.93	2.8
Q925770		25.7	104.0	<0.002	0.22	3.98	12.6	1	1.9	348	0.32	0.16	2.7	0.405	1.94	2.8
Q925771		18.2	121.0	<0.002	0.03	2.33	9.9	1	1.9	332	0.68	0.11	13.4	0.251	1.32	4.8
Q925772		13.9	148.0	<0.002	0.04	2.65	9.8	1	2.0	258	0.64	<0.05	12.8	0.244	1.66	4.7
Q925773		8330	161.5	<0.002	4.12	135.5	8.1	1	4.4	59.9	0.46	0.32	10.2	0.184	2.43	4.5
Q925774		31.3	121.5	<0.002	0.14	5.10	9.3	1	2.6	310	0.62	0.05	10.9	0.244	1.86	3.2
Q925775		18.0	128.0	<0.002	0.12	10.70	9.3	1	2.4	199.0	0.65	<0.05	11.6	0.244	2.33	3.8
Q925776		64.1	127.5	<0.002	0.08	23.0	10.4	1	2.5	143.0	0.75	0.05	14.6	0.248	1.45	3.7
Q925777		120.0	103.0	<0.002	0.26	31.6	8.7	1	2.9	204	0.64	<0.05	11.7	0.228	1.94	6.6
Q925778		29.8	119.5	<0.002	0.12	7.29	9.7	<1	2.4	252	0.67	<0.05	12.3	0.250	1.73	3.8
Q925779		22.2	105.5	<0.002	0.29	9.04	8.9	1	2.3	177.5	0.63	<0.05	11.0	0.231	2.23	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110341

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925744		75	5.2	14.1	53	29.3
Q925745		64	5.7	11.6	872	29.3
Q925746		70	4.5	15.9	44	32.4
Q925747		67	2.3	14.5	52	34.7
Q925748		66	2.6	14.9	55	31.4
Q925749		105	7.2	16.5	57	30.5
Q925750		66	10.8	12.2	7110	22.2
Q925751		66	4.1	13.5	289	30.0
Q925752		59	3.4	12.8	101	26.9
Q925753		58	3.3	14.5	124	28.1
Q925754		71	3.8	14.9	51	29.9
Q925755		66	2.9	13.9	143	29.1
Q925756		2	0.1	0.7	16	<0.5
Q925757		74	3.3	15.5	71	33.2
Q925758		66	3.4	15.2	467	32.5
Q925759		55	5.0	8.8	3080	30.8
Q925760		2	0.1	0.8	21	0.5
Q925761		68	5.1	13.8	1460	33.3
Q925762		59	4.0	8.9	2770	43.9
Q925763		71	4.9	15.5	55	37.5
Q925764		68	3.3	14.9	404	38.0
Q925765		69	1.4	13.8	58	38.3
Q925766		69	4.1	13.4	892	32.3
Q925767		62	5.9	11.0	2440	28.0
Q925768		72	4.1	14.7	80	35.2
Q925769		147	1.9	13.8	143	74.9
Q925770		149	2.0	14.9	168	76.1
Q925771		69	2.4	16.7	55	35.1
Q925772		68	2.5	16.0	56	29.3
Q925773		55	8.3	8.8	5240	21.5
Q925774		66	1.6	13.4	64	34.1
Q925775		66	2.4	12.7	55	32.2
Q925776		65	4.9	16.3	211	34.0
Q925777		63	4.4	13.1	165	30.2
Q925778		69	1.6	14.6	78	32.3
Q925779		64	3.0	13.1	40	29.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110341

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

CERTIFICATE WH14110342

Project: KLAZA

P.O. No.: Batch 75

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110342

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q926004		8.59	<0.005	0.27	7.43	13.5	1660	1.37	0.30	1.62	3.82	45.9	6.9	11	16.65	5.4
Q926005		9.58	0.009	0.22	6.93	130.0	1880	1.51	0.23	1.97	2.97	41.9	5.8	11	19.40	3.3
Q926006		5.66	0.013	1.02	8.48	95.3	3180	2.10	4.17	1.07	0.22	49.6	16.9	13	27.6	3.2
Q926007		5.69	<0.005	0.01	0.12	<0.2	40	0.07	0.04	20.7	0.07	1.60	0.7	1	0.28	2.3
Q926008		3.67	0.010	0.93	6.29	80.6	1320	1.29	3.65	1.49	0.40	42.8	21.4	10	12.75	4.6
Q926009		0.24	1.750	37.9	5.66	2520	1140	1.05	35.3	1.64	43.9	36.0	15.8	22	9.62	1175
Q926010		8.27	0.025	1.58	6.07	112.0	1040	1.27	6.18	0.83	1.33	43.7	30.6	10	13.70	8.0
Q926011		6.09	0.010	0.58	7.63	39.4	1710	1.49	2.83	0.49	0.17	50.4	8.0	12	18.70	2.7
Q926012		5.51	<0.005	0.19	7.78	15.4	1460	1.37	0.74	0.67	0.33	56.2	5.2	10	20.8	3.5
Q926013		3.05	<0.005	0.26	8.68	15.8	1650	1.62	0.74	0.69	0.33	58.8	5.7	11	23.8	3.7
Q926014		9.83	0.018	0.73	7.65	81.0	1680	1.51	3.37	1.36	0.43	52.6	11.0	14	18.90	3.5
Q926015		9.48	0.017	1.14	7.57	47.3	1280	1.52	3.41	0.70	1.81	50.0	8.5	11	16.55	2.9
Q926016		6.19	<0.005	0.65	8.21	16.3	1880	1.55	1.18	0.56	8.28	50.9	2.9	12	23.0	5.1
Q926017		6.13	0.010	1.19	8.00	34.0	1180	1.61	1.01	0.76	5.02	53.6	6.1	11	17.80	10.5
Q926018		5.68	<0.005	0.12	7.85	5.4	2260	1.80	0.68	2.91	0.11	52.9	8.3	12	14.55	2.8
Q926019		6.06	0.008	0.51	8.21	27.7	1550	1.63	0.83	1.49	1.26	53.4	6.4	11	17.35	9.0
Q926020		4.99	0.007	0.26	7.31	13.5	1760	1.51	1.83	0.95	0.04	51.8	5.1	12	14.35	1.8
Q926021		5.63	<0.005	0.09	6.61	6.8	1290	1.54	0.33	2.84	0.29	43.8	4.2	12	18.60	2.4
Q926022		<0.02	<0.005	0.09	6.46	7.1	1350	1.63	0.32	3.00	0.23	39.3	4.4	14	19.00	2.6
Q926023		6.70	<0.005	0.10	8.39	9.3	2210	1.89	0.55	1.40	0.06	63.6	5.7	14	22.8	1.3
Q926024		10.95	0.013	0.30	8.35	21.2	2300	1.68	0.78	1.61	0.62	56.1	6.9	13	18.20	7.3
Q926025		10.20	<0.005	0.04	8.29	4.8	1990	1.38	0.26	1.72	0.18	48.6	9.0	11	14.05	3.2
Q926026		2.75	<0.005	0.03	8.68	5.9	1590	1.37	0.98	0.91	0.21	55.9	7.9	10	11.45	2.1
Q926027		0.24	0.362	4.39	7.10	773	610	1.58	3.13	2.20	11.15	49.9	13.1	27	14.15	331
Q926028		3.67	<0.005	0.13	8.05	6.0	1700	1.52	0.57	1.59	0.15	54.7	7.9	11	14.70	2.2
Q926029		8.78	0.010	2.48	7.59	53.8	2290	1.52	0.42	0.62	1.87	52.5	6.5	10	13.40	5.9
Q926030		4.17	<0.005	0.02	0.10	<0.2	30	0.07	0.02	21.4	0.06	1.44	0.7	1	0.23	1.5
Q926031		8.71	0.005	0.47	7.62	25.0	1510	1.48	1.33	1.61	0.53	45.9	8.2	11	14.95	3.9
Q926032		10.61	0.015	0.22	7.53	7.3	1360	1.46	0.93	2.15	0.12	42.1	8.2	11	14.20	7.7
Q926033		5.95	<0.005	0.06	6.99	5.8	1480	1.61	0.43	3.72	0.07	38.9	7.2	10	25.6	2.3
Q926034		8.80	<0.005	0.01	8.74	31.9	680	1.82	0.11	2.14	0.23	84.1	10.4	37	44.0	9.2
Q926035		7.45	0.020	1.04	5.77	79.8	720	1.23	1.60	0.79	3.59	42.9	10.8	15	19.45	27.8
Q926036		6.43	<0.005	0.09	7.91	36.6	700	1.57	0.14	2.49	0.45	79.8	10.0	33	32.5	12.0
Q926037		8.68	0.030	1.82	7.90	107.0	1840	1.73	3.18	0.90	2.99	51.8	13.5	10	14.70	19.8
Q926038		5.57	<0.005	46.9	7.55	39.0	1260	1.60	0.91	3.24	14.65	52.5	7.5	13	18.05	40.0
Q926039		10.33	<0.005	2.53	7.72	66.5	1320	1.59	2.34	2.47	2.33	50.6	8.1	10	17.20	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110342

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926004		2.98	16.05	0.24	1.0	0.046	2.07	23.1	72.4	0.59	1600	0.31	0.03	8.0	2.9	660
Q926005		3.38	16.55	0.19	0.9	0.058	2.61	20.5	42.8	0.58	2380	0.56	0.05	7.9	2.4	640
Q926006		4.34	22.2	0.24	1.1	0.122	3.80	27.0	22.4	0.56	1380	5.25	0.09	8.3	4.4	710
Q926007		0.47	0.41	0.23	<0.1	0.007	0.05	0.8	1.6	12.80	216	0.12	0.01	0.2	1.4	190
Q926008		3.96	14.50	0.20	0.8	0.084	2.83	23.3	16.6	0.68	1760	7.61	0.04	6.3	6.7	560
Q926009		8.66	13.50	0.12	0.9	1.560	2.50	18.0	15.3	0.67	2300	17.40	0.06	4.6	13.8	450
Q926010		3.93	15.00	0.17	0.8	0.103	2.71	23.8	23.3	0.49	1420	12.15	0.03	5.9	7.8	520
Q926011		2.80	16.85	0.20	0.9	0.136	3.65	27.6	8.4	0.40	1000	0.98	0.04	7.8	2.5	640
Q926012		3.36	16.50	0.24	1.0	0.225	3.12	31.1	30.7	0.46	1620	0.98	0.03	7.8	2.2	660
Q926013		3.74	18.40	0.15	1.0	0.255	3.65	32.2	28.8	0.51	1730	0.94	0.04	8.9	2.4	740
Q926014		3.59	17.30	0.18	1.0	0.206	3.54	28.0	9.4	0.40	1440	1.18	0.03	7.6	3.0	640
Q926015		3.95	16.80	0.14	1.0	0.190	3.44	27.0	7.5	0.47	2420	0.71	0.03	7.5	2.5	670
Q926016		3.80	17.55	0.14	1.0	0.221	3.82	27.3	4.7	0.34	4180	1.17	0.04	8.3	1.3	710
Q926017		4.57	17.35	0.15	1.1	0.238	3.52	29.3	11.1	0.49	2590	1.23	0.03	8.1	2.1	680
Q926018		3.50	17.45	0.17	1.2	0.052	2.84	26.1	21.1	0.81	1160	0.46	1.76	9.2	2.7	710
Q926019		4.95	17.60	0.15	1.0	0.219	3.78	28.5	11.6	0.55	2260	0.36	0.08	8.4	2.4	710
Q926020		2.87	15.20	0.15	0.9	0.137	3.39	28.7	9.6	0.29	1150	0.63	0.04	7.4	1.7	590
Q926021		3.09	15.70	0.16	1.1	0.188	2.82	21.5	62.5	0.32	1730	0.46	0.05	7.8	2.0	580
Q926022		3.24	16.10	0.14	1.1	0.179	2.96	19.0	67.0	0.33	1890	0.48	0.05	8.2	2.1	600
Q926023		3.88	18.00	0.16	1.1	0.225	3.88	33.3	22.6	0.35	1650	0.42	0.05	9.7	2.1	790
Q926024		4.54	17.85	0.15	1.0	0.214	3.28	31.0	39.0	0.72	1860	0.49	0.16	8.5	2.6	680
Q926025		3.26	17.75	0.14	1.1	0.053	2.69	24.5	32.2	0.65	1010	0.24	0.52	8.9	2.6	740
Q926026		3.26	17.90	0.15	1.2	0.044	1.93	30.2	36.2	0.45	1680	0.22	0.04	8.8	2.5	700
Q926027		5.29	16.20	0.14	1.2	0.299	3.06	28.4	28.2	0.84	2000	15.20	0.15	6.6	15.0	560
Q926028		3.47	17.25	0.14	1.1	0.046	2.43	28.6	39.2	0.78	1870	0.17	0.02	8.7	2.6	680
Q926029		4.14	17.00	0.15	1.1	0.146	3.47	28.8	8.7	0.49	2880	0.53	0.06	7.2	2.5	650
Q926030		0.48	0.31	0.27	<0.1	<0.005	0.04	0.7	1.2	13.50	214	0.18	<0.01	0.2	1.5	170
Q926031		3.98	16.35	0.17	1.0	0.101	2.99	23.7	49.4	0.75	2920	0.29	0.07	8.1	2.6	660
Q926032		3.59	16.15	0.17	1.0	0.068	2.08	21.1	35.5	0.80	1700	0.30	0.27	8.2	2.6	670
Q926033		3.24	16.50	0.15	1.0	0.061	2.54	19.0	34.0	0.63	1860	0.28	0.44	7.8	2.4	640
Q926034		4.08	20.9	0.20	5.0	0.041	1.94	43.2	103.5	1.38	1150	0.70	0.05	13.7	13.2	2050
Q926035		2.59	14.35	0.17	1.9	0.089	2.17	23.1	43.6	0.56	1120	4.93	0.04	7.0	6.4	730
Q926036		3.54	19.20	0.18	4.6	0.046	2.34	41.8	138.5	1.37	1500	0.60	0.05	12.2	12.3	1820
Q926037		4.29	19.05	0.16	1.3	0.156	3.73	28.0	8.4	0.54	2560	3.21	0.05	7.7	3.7	630
Q926038		3.51	16.35	0.16	1.7	0.044	3.01	27.8	92.6	1.14	5160	0.57	0.04	8.7	4.0	770
Q926039		3.03	16.20	0.19	1.3	0.039	2.96	27.7	39.6	0.95	2180	0.46	0.13	8.2	2.9	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110342

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926004		85.2	92.0	<0.002	0.13	14.30	10.8	1	1.6	121.5	0.66	<0.05	12.7	0.272	1.90	2.2
Q926005		68.8	109.5	<0.002	0.11	19.30	10.5	<1	1.8	107.0	0.62	<0.05	10.0	0.277	2.35	3.1
Q926006		38.1	219	<0.002	1.17	44.4	13.3	1	1.8	89.8	0.67	<0.05	13.9	0.294	3.15	8.4
Q926007		1.8	2.3	<0.002	<0.01	0.20	0.2	1	<0.2	47.1	<0.05	<0.05	0.2	<0.005	0.02	0.5
Q926008		51.5	162.5	<0.002	1.44	49.7	11.8	1	1.3	57.2	0.46	<0.05	10.3	0.226	2.79	13.4
Q926009		1670	143.0	0.005	7.80	105.5	7.7	2	10.2	61.8	0.37	0.75	8.5	0.169	2.15	5.3
Q926010		82.7	163.5	0.004	1.69	67.7	9.9	1	1.7	53.1	0.45	<0.05	10.6	0.212	2.84	21.4
Q926011		24.8	200	<0.002	0.62	40.8	10.7	1	1.6	44.0	0.64	<0.05	13.4	0.272	3.58	5.2
Q926012		14.1	184.0	<0.002	0.24	20.1	11.6	1	2.3	75.4	0.60	<0.05	13.3	0.278	3.31	3.9
Q926013		13.3	217	<0.002	0.24	24.3	13.6	1	2.8	74.9	0.73	<0.05	15.1	0.307	3.55	4.7
Q926014		23.4	199.0	<0.002	1.15	30.4	13.5	<1	1.7	61.4	0.61	<0.05	13.9	0.274	3.49	5.3
Q926015		64.8	210	<0.002	0.92	17.45	12.9	<1	1.7	47.1	0.59	<0.05	13.1	0.275	2.95	2.5
Q926016		129.5	211	<0.002	0.52	23.4	12.5	1	1.8	38.3	0.65	<0.05	13.3	0.296	3.36	3.6
Q926017		388	207	<0.002	1.02	21.1	11.9	1	3.3	54.7	0.69	<0.05	15.8	0.285	3.02	4.8
Q926018		20.8	120.0	<0.002	0.04	4.72	13.0	1	1.7	360	0.83	<0.05	15.3	0.300	1.46	5.1
Q926019		81.8	227	<0.002	0.81	14.95	12.9	<1	3.7	76.0	0.70	<0.05	13.1	0.299	2.76	3.7
Q926020		8.5	192.0	<0.002	0.21	20.2	11.3	<1	1.5	61.5	0.63	<0.05	15.0	0.249	2.46	2.9
Q926021		12.7	139.5	<0.002	0.10	15.00	10.9	<1	1.9	156.5	0.67	<0.05	11.9	0.268	2.08	2.8
Q926022		12.5	135.5	<0.002	0.10	15.45	10.6	1	2.0	168.5	0.71	<0.05	10.8	0.278	2.23	2.8
Q926023		8.1	203	<0.002	0.33	19.10	15.0	1	2.1	85.6	0.75	<0.05	16.6	0.333	2.63	3.0
Q926024		32.0	170.0	<0.002	0.27	15.20	12.9	1	2.5	128.0	0.68	<0.05	14.8	0.290	2.14	3.9
Q926025		25.7	98.9	<0.002	0.04	10.20	12.6	1	1.8	194.0	0.74	<0.05	12.8	0.305	1.25	3.7
Q926026		19.5	90.6	<0.002	0.02	23.1	12.9	1	1.7	92.2	0.79	<0.05	16.5	0.293	1.04	3.9
Q926027		529	169.5	0.003	2.85	28.7	10.1	1	5.6	112.5	0.55	0.34	11.5	0.219	2.49	5.1
Q926028		7.9	127.5	<0.002	0.08	18.15	13.3	1	1.8	96.3	0.72	<0.05	14.0	0.294	1.62	2.8
Q926029		252	196.5	<0.002	0.45	9.54	12.6	<1	2.1	69.0	0.55	<0.05	12.7	0.251	2.14	2.3
Q926030		2.0	2.0	<0.002	0.01	0.09	0.2	<1	<0.2	47.5	<0.05	<0.05	0.2	<0.005	0.02	0.4
Q926031		23.7	136.0	<0.002	0.31	11.40	11.8	1	1.7	114.5	0.65	0.60	12.5	0.274	2.09	3.2
Q926032		13.1	78.1	<0.002	0.07	11.95	12.1	1	1.8	157.5	0.63	0.17	12.4	0.287	1.18	2.9
Q926033		11.4	103.5	<0.002	0.07	7.26	11.2	1	1.6	222	0.61	<0.05	10.8	0.273	1.67	3.4
Q926034		14.7	75.9	<0.002	0.02	25.7	9.6	1	1.3	425	0.89	<0.05	9.2	0.494	1.10	2.9
Q926035		132.0	110.0	<0.002	0.53	45.3	7.4	1	1.5	158.5	0.54	<0.05	9.2	0.241	1.63	2.9
Q926036		13.6	94.6	<0.002	0.05	29.9	9.1	1	1.3	387	0.78	<0.05	8.6	0.447	1.39	3.5
Q926037		108.0	201	<0.002	1.43	24.1	12.1	<1	2.7	62.6	0.69	0.09	15.8	0.241	2.55	6.7
Q926038		1110	139.0	<0.002	0.26	50.2	10.4	<1	1.6	236	0.72	<0.05	14.7	0.279	2.08	4.8
Q926039		48.0	147.0	<0.002	0.37	11.30	11.3	1	1.4	128.0	0.75	<0.05	16.9	0.260	1.74	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110342

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926004		77	3.5	12.8	271	22.0
Q926005		79	2.4	11.9	233	20.6
Q926006		122	6.2	11.9	69	24.0
Q926007		2	0.1	0.8	15	<0.5
Q926008		83	3.1	10.9	87	18.5
Q926009		55	7.1	8.4	3440	21.7
Q926010		94	4.2	9.8	178	18.9
Q926011		81	3.5	11.6	42	20.1
Q926012		82	3.4	13.9	77	20.8
Q926013		91	3.7	15.9	81	22.4
Q926014		94	3.8	13.5	84	23.1
Q926015		91	4.4	10.6	265	21.4
Q926016		88	3.0	12.6	1020	23.6
Q926017		83	4.2	11.3	606	25.6
Q926018		90	1.2	18.3	106	26.8
Q926019		88	3.6	12.9	220	22.2
Q926020		74	2.3	11.2	46	21.3
Q926021		78	2.0	13.7	68	25.8
Q926022		82	2.0	12.6	69	25.1
Q926023		99	3.0	15.6	54	26.5
Q926024		86	4.1	15.4	138	24.4
Q926025		87	3.1	15.9	159	25.1
Q926026		86	3.8	17.5	270	27.2
Q926027		72	5.8	12.7	975	32.4
Q926028		90	3.4	14.8	157	26.7
Q926029		80	6.1	9.6	262	39.0
Q926030		2	0.1	0.8	17	<0.5
Q926031		79	4.1	13.4	245	23.9
Q926032		81	3.0	14.2	239	24.3
Q926033		80	2.5	13.2	139	25.6
Q926034		96	2.4	15.6	128	203
Q926035		66	3.4	8.9	465	74.4
Q926036		87	2.3	15.5	137	191.0
Q926037		83	9.1	10.6	387	35.3
Q926038		73	2.0	14.0	1200	60.8
Q926039		72	1.9	14.4	430	36.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110342

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110343

Project: KLAZA

P.O. No.: Batch 76

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110343

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925780		4.63	<0.005	0.07	7.46	6.3	2430	1.61	0.18	2.65	0.09	42.2	7.5	10	19.15	6.3
Q925781		4.25	<0.005	0.07	6.92	8.3	2220	1.62	0.18	2.60	0.11	37.6	8.0	8	25.5	10.4
Q925782		3.40	<0.005	0.08	6.73	9.2	2110	1.47	0.16	3.06	0.12	40.6	8.0	7	25.1	7.8
Q925783		3.11	0.015	3.29	6.77	143.0	3070	1.36	0.49	3.32	2.90	53.1	7.0	6	18.85	55.3
Q925784		0.26	0.341	4.31	6.61	715	560	1.36	3.46	2.06	10.70	48.4	12.1	26	13.60	315
Q925785		4.28	<0.005	0.09	7.33	7.3	2380	1.35	0.31	1.71	0.10	44.7	3.4	8	14.25	4.6
Q925786		2.65	0.397	7.48	6.77	1190	1610	1.47	0.24	2.63	4.62	42.0	3.6	7	18.40	15.7
Q925787		2.04	0.005	0.16	7.14	16.0	2490	1.65	0.35	2.08	0.18	40.4	4.8	8	18.60	6.4
Q925788		5.43	<0.005	0.16	7.06	17.3	1280	1.53	0.42	3.57	0.13	52.3	5.6	7	18.35	15.9
Q925789		5.41	<0.005	0.20	7.49	9.9	2120	1.78	0.58	2.30	0.15	50.2	6.6	10	20.2	34.8
Q925790		2.23	<0.005	0.16	7.29	8.5	2050	1.53	0.52	2.20	0.13	46.5	5.6	9	17.95	39.1
Q925791		8.45	<0.005	0.11	7.01	7.4	2030	1.71	0.36	1.88	0.07	44.0	5.5	8	14.75	5.0
Q925792		5.29	0.010	0.66	6.91	22.5	1870	1.56	1.95	1.57	0.13	45.3	5.1	8	15.30	111.0
Q925794		2.31	0.007	0.07	7.04	13.7	1880	1.76	0.53	2.33	0.10	40.8	4.5	9	19.95	8.0
Q925795		3.91	<0.005	0.14	7.04	25.4	1650	1.34	0.49	2.09	0.23	38.8	3.7	8	17.15	7.0
Q925796		1.37	0.208	4.26	6.64	458	690	1.88	3.61	2.98	8.51	47.6	8.7	9	23.8	156.5
Q925797		4.97	<0.005	0.15	7.74	33.9	2290	1.48	0.37	1.59	0.14	46.6	3.0	10	11.05	5.3
Q925798		2.58	<0.005	0.13	7.50	19.6	2550	1.67	0.51	1.76	0.10	46.8	3.6	7	12.95	3.6
Q925799		3.98	<0.005	0.01	0.11	<0.2	30	0.09	0.07	20.8	0.06	1.31	0.6	1	0.26	1.7
Q925800		4.74	<0.005	0.12	7.51	22.9	1730	1.45	0.26	1.80	0.14	40.6	7.6	8	16.70	6.4
Q926901		4.54	<0.005	0.10	7.69	12.9	2200	1.76	0.22	2.32	0.14	46.4	8.1	9	17.60	11.1
Q926902		0.24	1.850	40.6	5.83	2520	1440	1.23	37.4	1.65	46.4	38.6	17.3	22	10.40	1215
Q926903		2.86	<0.005	0.09	7.43	13.9	1840	1.55	0.21	3.25	0.17	45.8	6.7	8	13.80	13.7
Q926904		6.72	0.166	4.04	7.42	614	2180	1.41	0.27	2.26	8.60	47.0	4.9	9	13.40	6.8
Q926905		4.57	0.018	0.21	6.84	40.5	1420	1.60	0.31	2.80	0.34	41.3	7.6	7	17.55	12.0
Q926906		6.21	0.016	0.94	6.90	156.5	1700	1.47	0.26	1.89	2.51	44.0	7.3	8	20.6	10.2
Q926907		5.53	0.011	2.77	7.66	44.3	2240	1.53	0.21	1.90	4.48	43.2	6.9	9	26.2	10.8
Q926908		3.51	0.017	6.86	7.54	73.8	3510	1.57	0.22	1.74	8.84	34.9	8.4	9	23.7	16.6
Q926909		3.59	0.006	0.65	7.74	33.8	1740	1.57	0.26	1.56	3.11	42.9	5.7	9	26.2	5.5
Q926910		5.03	0.011	0.16	7.22	21.4	2760	1.46	0.22	2.69	0.25	46.7	4.4	8	18.15	6.8
Q926911		<0.02	0.010	0.17	6.88	21.2	2700	1.53	0.25	2.71	0.25	42.5	4.3	8	17.50	6.7
Q926912		3.07	0.635	41.0	6.78	924	2500	1.61	0.24	2.13	26.7	50.5	5.2	8	19.75	44.1
Q926913		4.44	<0.005	0.10	0.08	1.1	30	0.05	0.02	20.9	0.09	1.33	0.7	1	0.20	1.4
Q926914		6.33	0.014	0.35	7.05	44.0	2230	1.55	0.38	1.69	0.25	33.4	6.0	8	13.00	106.5
Q926915		4.67	0.015	1.49	7.26	75.2	2700	1.46	0.35	1.84	0.35	38.7	5.9	8	9.12	408
Q926916		4.55	0.282	0.32	7.17	43.3	4150	1.33	0.70	1.75	0.09	43.1	7.2	9	7.85	15.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110343

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925780		2.86	16.85	0.20	1.3	0.044	2.78	21.1	14.8	0.66	563	0.65	2.26	8.4	2.7	590
Q925781		2.71	15.90	0.22	1.3	0.052	2.61	19.0	18.5	0.61	517	0.66	2.02	8.1	2.6	580
Q925782		2.72	15.45	0.24	1.2	0.047	2.49	20.8	54.0	0.81	683	0.48	0.64	7.7	2.3	570
Q925783		2.86	14.75	0.22	1.1	0.109	2.57	30.8	58.6	1.03	1700	2.61	0.11	6.9	2.3	510
Q925784		4.95	15.15	0.20	1.1	0.310	2.87	28.4	24.9	0.78	1940	13.00	0.14	6.3	14.2	520
Q925785		2.88	16.20	0.21	1.1	0.062	2.90	23.5	25.9	0.62	629	2.21	1.37	8.6	1.9	620
Q925786		2.88	15.25	0.21	1.1	0.068	3.06	22.2	34.0	0.81	1620	1.62	0.43	7.7	2.2	570
Q925787		2.81	16.15	0.23	1.2	0.048	3.06	20.8	21.9	0.52	566	2.36	1.45	8.3	2.1	600
Q925788		2.78	15.15	0.25	1.1	0.053	2.36	29.9	54.3	1.24	899	1.99	0.09	7.7	2.7	570
Q925789		2.94	16.95	0.17	1.2	0.062	2.99	26.6	23.9	0.64	573	2.35	1.39	8.8	2.8	590
Q925790		2.72	16.20	0.17	1.2	0.060	2.94	24.8	22.2	0.56	534	1.84	1.33	8.1	2.4	580
Q925791		3.06	15.45	0.15	1.1	0.097	2.56	23.1	22.6	0.70	763	2.64	0.69	8.3	2.0	590
Q925792		3.08	14.60	0.15	0.9	0.118	2.84	24.6	23.6	0.62	761	3.28	0.08	7.2	2.5	510
Q925794		2.87	16.55	0.15	1.4	0.079	2.82	20.4	11.7	0.60	548	1.30	2.25	8.5	2.6	560
Q925795		2.65	16.60	0.16	1.4	0.059	3.03	18.9	34.2	0.55	623	1.50	0.50	8.5	1.9	590
Q925796		3.23	15.00	0.13	1.1	0.214	2.65	26.2	28.2	1.03	1720	35.6	0.05	7.1	4.3	530
Q925797		2.96	17.10	0.12	1.5	0.076	3.36	24.4	21.8	0.70	572	1.52	1.23	8.8	3.1	640
Q925798		2.97	15.75	0.17	1.4	0.063	3.19	24.6	22.4	0.35	718	1.30	1.38	8.5	2.2	600
Q925799		0.44	0.33	0.25	<0.1	0.005	0.04	0.7	1.1	12.45	199	4.43	0.01	0.3	1.7	200
Q925800		2.96	16.60	0.13	1.4	0.072	2.96	19.8	24.0	0.62	887	1.62	0.86	8.9	2.4	660
Q926901		2.77	16.80	0.15	1.4	0.051	2.90	23.8	20.8	0.65	553	1.41	2.07	8.5	2.4	600
Q926902		8.83	13.95	0.13	0.9	1.555	2.59	21.0	16.1	0.68	2350	16.85	0.06	4.9	15.0	440
Q926903		2.91	15.80	0.14	1.3	0.047	2.79	24.6	21.5	0.73	678	1.21	1.18	7.9	2.6	580
Q926904		2.98	15.35	0.15	1.3	0.062	2.94	25.0	22.4	0.61	832	1.09	1.31	8.2	2.4	590
Q926905		2.80	15.85	0.13	1.4	0.044	2.72	20.0	65.7	0.80	1500	1.10	0.21	8.4	2.5	590
Q926906		2.63	14.70	0.13	1.2	0.045	1.69	23.0	103.0	0.62	1470	1.22	0.03	7.2	2.6	520
Q926907		2.83	15.65	0.14	1.2	0.045	2.10	22.4	177.5	0.73	1540	0.82	0.04	7.9	2.4	600
Q926908		2.90	16.75	0.12	1.2	0.046	2.05	17.3	208	0.65	1720	0.88	0.02	8.3	2.5	610
Q926909		2.90	16.30	0.13	1.2	0.054	2.05	21.4	182.0	0.63	1300	0.88	0.03	8.5	2.5	650
Q926910		3.05	14.75	0.15	1.1	0.058	2.37	24.9	84.8	0.94	1470	0.82	0.03	7.5	2.2	570
Q926911		3.04	14.85	0.13	1.1	0.059	2.35	21.7	84.6	0.92	1480	0.91	0.03	7.7	2.2	570
Q926912		3.56	15.15	0.15	1.1	0.120	2.76	27.9	35.6	0.83	6300	6.71	0.02	7.3	2.7	560
Q926913		0.46	0.28	0.10	<0.1	0.005	0.03	0.7	1.5	12.65	222	0.12	0.01	0.2	1.6	230
Q926914		2.84	15.65	0.12	1.3	0.104	3.52	15.4	34.0	0.61	1280	1.33	0.35	8.2	2.1	600
Q926915		3.34	15.65	0.15	1.1	0.226	3.96	19.5	19.8	0.66	2400	1.48	0.33	7.8	2.1	560
Q926916		3.46	15.65	0.15	1.1	0.201	4.46	22.0	20.0	0.75	1200	1.34	0.46	7.9	2.1	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110343

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925780		16.2	110.0	<0.002	0.03	3.74	9.2	1	2.4	386	0.71	0.05	12.6	0.256	1.39	3.8
Q925781		15.1	100.5	<0.002	0.06	5.44	8.9	1	2.4	378	0.72	<0.05	11.1	0.248	1.32	3.3
Q925782		14.7	89.8	<0.002	0.10	6.61	8.6	1	2.3	263	0.67	0.05	11.2	0.239	1.44	4.2
Q925783		75.1	137.5	<0.002	0.59	40.6	8.4	1	2.7	236	0.58	<0.05	12.8	0.219	2.02	8.1
Q925784		468	157.5	0.002	2.69	27.8	8.7	1	5.7	106.0	0.52	0.32	11.6	0.210	2.32	5.3
Q925785		11.0	127.5	<0.002	0.04	7.37	9.7	1	3.3	229	0.69	<0.05	12.3	0.266	1.72	3.4
Q925786		692	146.0	<0.002	1.04	27.1	8.8	1	3.2	183.5	0.64	<0.05	11.5	0.237	2.30	5.4
Q925787		16.4	120.0	<0.002	0.11	6.26	9.2	1	2.8	293	0.70	0.05	12.0	0.255	1.78	3.6
Q925788		13.4	102.0	<0.002	0.31	7.94	9.1	1	2.8	236	0.67	0.06	13.2	0.242	1.81	6.4
Q925789		20.0	136.0	<0.002	0.10	9.23	11.2	1	2.9	308	0.73	<0.05	14.8	0.255	1.57	4.3
Q925790		17.9	125.0	<0.002	0.08	9.09	10.8	1	2.6	290	0.70	<0.05	13.9	0.250	1.52	4.0
Q925791		7.2	124.0	<0.002	0.15	11.10	10.7	1	2.7	148.5	0.68	<0.05	12.6	0.244	1.85	3.2
Q925792		10.6	150.0	<0.002	0.27	27.3	9.8	1	2.7	100.0	0.57	<0.05	12.3	0.209	2.15	4.6
Q925794		14.9	125.5	<0.002	0.02	3.90	10.8	1	2.2	313	0.74	<0.05	12.5	0.242	1.45	3.7
Q925795		13.8	111.0	<0.002	0.05	5.65	10.1	1	1.9	157.0	0.73	<0.05	11.2	0.250	1.63	3.3
Q925796		448	167.0	0.005	1.21	32.7	9.7	1	3.0	110.5	0.59	0.28	11.6	0.220	2.73	9.1
Q925797		15.9	145.5	<0.002	0.04	7.14	11.1	1	1.9	178.0	0.72	<0.05	14.3	0.260	1.66	3.1
Q925798		15.9	146.5	<0.002	0.03	12.50	10.6	1	1.7	200	0.72	<0.05	15.3	0.242	1.65	3.8
Q925799		2.0	2.2	<0.002	<0.01	0.09	0.2	<1	<0.2	52.4	<0.05	<0.05	0.2	<0.005	0.02	0.8
Q925800		19.2	117.5	<0.002	0.08	12.70	11.8	<1	1.9	145.5	0.76	<0.05	12.6	0.268	1.58	2.9
Q926901		18.0	121.0	<0.002	0.05	7.51	10.9	1	1.6	340	0.70	<0.05	13.9	0.249	1.24	3.2
Q926902		1680	156.5	0.002	8.03	102.5	8.9	2	10.4	66.6	0.39	0.72	9.6	0.167	2.23	5.5
Q926903		19.7	113.0	<0.002	0.05	8.03	10.8	1	1.5	265	0.65	<0.05	14.4	0.238	1.24	3.4
Q926904		123.0	137.5	<0.002	0.20	15.25	10.6	1	2.0	200	0.66	<0.05	14.6	0.248	1.64	3.5
Q926905		16.6	85.3	<0.002	0.24	19.95	10.8	<1	2.0	185.5	0.70	<0.05	12.8	0.251	2.53	3.8
Q926906		92.6	70.3	<0.002	0.45	33.3	9.5	1	2.0	228	0.59	<0.05	12.7	0.212	1.91	4.3
Q926907		176.5	83.8	<0.002	0.32	27.0	10.2	<1	2.0	208	0.62	<0.05	12.4	0.243	1.49	3.1
Q926908		381	71.9	<0.002	0.58	31.1	9.8	1	2.5	202	0.66	<0.05	10.3	0.255	1.55	3.0
Q926909		76.5	84.6	0.006	0.24	26.6	11.0	1	2.1	185.0	0.65	<0.05	12.0	0.259	1.44	2.3
Q926910		12.6	104.5	<0.002	0.13	20.5	10.5	1	1.6	152.0	0.58	<0.05	12.3	0.233	1.61	3.9
Q926911		13.2	89.0	<0.002	0.14	20.8	10.4	<1	1.7	153.5	0.58	<0.05	11.4	0.231	1.58	3.9
Q926912		647	146.5	<0.002	1.15	67.6	10.2	1	2.8	105.0	0.58	<0.05	12.2	0.224	2.14	5.1
Q926913		2.1	1.5	<0.002	<0.01	0.15	0.2	<1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q926914		19.7	134.0	<0.002	0.12	11.00	10.8	1	2.3	131.5	0.65	<0.05	11.2	0.249	2.18	3.3
Q926915		32.7	170.0	<0.002	0.36	18.90	10.6	1	2.2	131.0	0.60	<0.05	11.5	0.239	2.56	3.9
Q926916		10.2	164.5	<0.002	0.20	6.19	10.4	1	1.8	146.5	0.61	0.09	12.4	0.236	2.24	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110343

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925780		70	1.3	14.7	41	35.1
Q925781		67	0.9	13.7	40	33.9
Q925782		66	1.5	14.9	47	32.8
Q925783		61	2.6	15.1	215	28.6
Q925784		66	5.4	11.7	858	34.5
Q925785		69	2.6	13.9	58	29.9
Q925786		65	2.4	13.4	437	29.7
Q925787		69	2.2	13.9	59	32.4
Q925788		67	2.5	16.3	55	27.4
Q925789		69	1.7	17.3	54	33.7
Q925790		68	1.5	15.8	47	31.4
Q925791		66	3.2	16.1	50	29.6
Q925792		60	2.5	15.0	52	24.5
Q925794		66	1.3	15.7	46	37.5
Q925795		69	3.7	14.4	56	39.0
Q925796		68	12.5	15.0	646	31.4
Q925797		71	5.1	15.6	56	39.3
Q925798		66	3.1	18.1	68	40.3
Q925799		2	0.1	0.9	14	0.7
Q925800		77	3.2	16.1	61	36.1
Q926901		70	2.0	16.6	50	35.4
Q926902		57	7.3	9.9	3440	23.9
Q926903		66	2.3	19.1	57	35.4
Q926904		66	3.5	16.9	550	33.3
Q926905		70	2.1	17.2	95	37.2
Q926906		63	2.0	14.4	229	32.3
Q926907		66	8.3	15.4	326	33.0
Q926908		67	13.1	13.7	569	33.1
Q926909		69	11.2	14.9	229	33.6
Q926910		68	2.9	15.6	72	28.8
Q926911		69	3.0	15.4	75	29.6
Q926912		63	3.2	14.5	1960	28.0
Q926913		2	0.1	0.9	18	0.9
Q926914		68	3.7	13.2	78	32.9
Q926915		66	4.9	14.0	98	30.4
Q926916		64	2.9	13.2	86	28.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110343

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110344

Project: KLAZA

P.O. No.: Batch 77

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

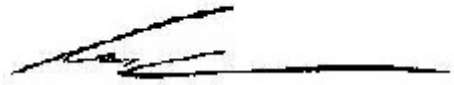
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110344

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926040		7.33	<0.005	0.14	7.64	43.6	1090	1.77	0.15	2.73	0.23	62.9	11.3	43	27.3	15.8
Q926041		10.91	<0.005	0.09	6.66	6.3	1870	1.52	0.49	2.65	0.10	38.9	7.7	11	17.70	5.1
Q926042		6.02	<0.005	0.12	7.30	4.5	1640	1.41	1.21	2.18	0.11	42.0	7.8	10	14.75	3.4
Q926043		8.82	<0.005	0.20	7.31	21.4	1910	1.58	0.14	1.65	0.51	48.6	7.7	10	11.25	37.3
Q926044		4.28	<0.005	0.25	7.60	17.0	2160	1.67	0.24	2.01	0.53	49.9	7.6	9	9.26	51.0
Q926045		3.24	<0.005	0.24	7.45	13.7	2000	1.56	0.20	1.68	0.46	49.3	7.6	8	9.89	39.7
Q926046		0.23	0.855	12.40	6.61	1575	1310	1.51	13.15	1.86	34.1	49.2	18.7	20	14.45	293
Q926047		9.78	<0.005	0.46	7.95	53.6	2220	1.63	1.00	0.86	0.65	36.5	10.8	11	22.8	74.0
Q926048		6.27	<0.005	0.68	8.35	63.4	2490	1.60	0.94	0.36	0.64	34.9	9.9	10	19.60	133.0
Q926049		8.33	0.012	1.16	7.89	127.5	2260	1.64	1.46	1.61	0.86	50.0	9.6	13	15.10	102.5
Q926050		4.95	<0.005	0.56	8.58	180.0	1900	1.53	1.01	0.52	0.71	51.1	9.2	10	11.70	92.1
Q926051		<0.02	<0.005	0.54	8.63	177.5	1890	1.52	1.01	0.53	0.75	55.6	8.9	9	11.75	91.8
Q926052		9.57	0.007	0.42	8.49	101.0	2060	1.59	0.58	0.41	0.41	52.9	8.1	9	12.40	68.9
Q926053		9.61	<0.005	0.53	8.33	44.1	1890	1.61	1.16	1.39	0.32	50.5	8.1	9	11.75	127.5
Q926054		7.24	<0.005	0.51	8.27	37.0	3040	1.67	4.43	1.69	0.38	51.9	8.3	9	15.20	93.6
Q926055		3.75	<0.005	0.48	7.59	55.7	3330	1.64	4.02	2.74	0.50	48.9	8.2	10	12.75	116.5
Q926056		6.07	<0.005	0.32	7.63	32.9	1360	1.64	0.65	1.78	0.25	49.0	7.9	9	18.80	48.1
Q926057		3.26	0.051	1.52	6.71	196.0	1740	1.46	0.69	1.24	3.01	43.2	7.5	9	18.85	44.4
Q926058		3.96	<0.005	0.02	0.07	1.3	40	0.07	0.06	20.0	0.06	1.12	0.8	1	0.17	3.6
Q926059		5.57	<0.005	0.13	7.83	7.0	2150	1.58	0.41	2.95	0.26	48.3	8.7	11	9.71	38.0
Q926060		5.70	0.011	1.00	7.43	115.0	920	1.56	0.85	2.36	1.24	48.6	7.8	10	16.45	42.4
Q926061		0.24	1.690	41.0	5.84	2290	1390	1.27	33.7	1.64	45.7	36.8	17.6	22	10.40	1215
Q926062		3.72	0.117	2.22	6.10	342	810	1.19	0.73	0.82	3.37	38.6	9.6	9	12.10	18.1
Q926063		6.60	<0.005	1.59	7.99	54.3	2160	1.59	9.44	2.17	0.93	52.5	10.2	10	22.5	288
Q926064		2.66	0.009	3.68	7.14	176.0	2200	1.51	18.45	4.26	0.41	50.7	18.4	6	39.8	484
Q926065		4.46	<0.005	0.02	0.09	<0.2	30	0.06	0.08	21.1	0.08	1.29	0.7	<1	0.29	2.8
Q926066		5.72	0.017	1.51	7.65	44.6	1520	1.60	8.08	2.80	0.56	48.5	9.6	10	15.00	148.0
Q926067		3.43	0.005	3.29	7.42	32.9	1690	1.32	7.15	3.59	0.77	56.2	8.8	11	17.90	81.7
Q926079		3.03	0.135	10.30	7.34	1270	880	1.50	15.00	2.39	2.35	57.4	10.4	10	18.95	114.5
Q926068		4.26	0.083	0.82	7.40	191.5	1260	1.49	1.06	2.57	2.97	55.8	8.1	11	16.45	59.9
Q926069		7.51	<0.005	1.25	7.82	41.2	1480	1.24	2.72	1.69	0.46	48.2	8.4	10	15.50	101.0
Q926070		7.73	<0.005	0.07	7.55	10.9	2130	1.36	0.20	1.95	0.16	45.0	7.6	9	19.80	22.9
Q926071		4.70	<0.005	0.16	6.62	27.5	970	1.38	0.13	2.95	0.39	47.0	8.2	9	18.90	8.9
Q926072		4.92	<0.005	0.07	7.97	7.6	1870	1.34	0.20	1.45	0.11	45.7	8.5	11	16.95	15.7
Q926073		6.93	<0.005	0.06	7.71	5.6	2040	1.64	0.14	2.77	0.10	49.1	8.9	11	20.9	15.0
Q926074		2.68	0.031	3.26	7.34	223	1230	1.71	0.55	3.22	29.2	55.5	9.7	10	20.2	116.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110344

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926040		3.25	18.75	0.14	4.2	0.039	2.18	31.2	69.9	1.30	818	0.98	0.06	10.9	16.6	1610
Q926041		2.86	15.95	0.12	1.3	0.036	2.47	18.8	22.6	0.75	814	0.39	1.56	8.2	2.9	600
Q926042		2.87	15.65	0.15	1.2	0.034	2.31	21.4	32.2	0.79	993	0.29	0.12	8.0	2.7	580
Q926043		2.91	16.15	0.17	1.3	0.036	2.48	26.4	13.7	0.59	643	1.17	1.90	7.7	2.6	640
Q926044		2.95	16.40	0.15	1.3	0.043	2.55	27.9	15.0	0.69	750	1.05	2.04	7.7	2.7	640
Q926045		2.84	15.75	0.17	1.3	0.043	2.40	27.7	14.3	0.66	703	1.23	1.76	7.4	2.7	600
Q926046		6.56	15.60	0.13	1.1	0.808	2.86	26.4	20.8	0.77	1800	8.97	0.12	6.8	12.8	530
Q926047		3.34	17.50	0.15	1.2	0.075	2.46	19.1	68.2	0.28	1810	4.80	0.27	8.4	3.1	690
Q926048		3.47	18.00	0.11	1.1	0.097	2.51	16.8	66.8	0.32	912	5.44	0.26	8.9	3.0	750
Q926049		3.60	16.80	0.15	1.0	0.099	2.68	27.0	19.3	0.68	1080	3.11	1.55	8.0	3.8	650
Q926050		3.15	18.50	0.15	1.1	0.067	2.67	25.6	35.9	0.54	629	2.06	0.31	9.1	3.8	770
Q926051		3.14	18.25	0.17	1.1	0.066	2.64	29.1	37.2	0.54	627	2.07	0.30	9.0	3.5	760
Q926052		3.21	17.10	0.15	1.1	0.053	2.80	27.0	23.6	0.50	727	2.52	0.60	8.6	3.0	730
Q926053		3.19	16.85	0.14	1.1	0.078	2.57	27.1	23.6	0.57	436	2.08	0.97	8.4	3.1	710
Q926054		3.39	17.40	0.16	1.1	0.063	2.66	28.3	33.3	0.45	576	2.58	0.99	8.2	3.0	680
Q926055		3.31	15.85	0.17	1.1	0.065	2.48	27.1	19.5	0.64	575	1.80	1.46	7.6	2.9	630
Q926056		2.99	15.45	0.16	1.1	0.044	2.75	26.9	54.6	0.34	698	3.53	0.62	7.7	2.6	660
Q926057		3.85	14.35	0.13	1.0	0.526	2.86	24.2	51.5	0.43	1790	4.34	0.08	6.8	2.7	550
Q926058		0.48	0.49	0.31	<0.1	0.008	0.03	0.6	1.3	13.00	215	0.11	0.01	0.1	2.9	200
Q926059		3.22	17.00	0.15	1.2	0.049	2.62	25.5	14.8	0.87	654	2.03	2.01	8.2	3.1	660
Q926060		3.88	15.50	0.14	1.0	0.201	3.65	26.1	37.3	0.79	3500	1.61	0.08	7.5	2.7	620
Q926061		8.79	14.00	0.12	0.9	1.540	2.60	19.4	16.4	0.68	2350	17.05	0.06	4.9	15.3	460
Q926062		6.36	13.75	0.13	1.0	0.213	2.75	21.3	15.8	0.41	3230	2.45	0.02	6.1	2.6	430
Q926063		3.77	17.25	0.15	1.4	0.159	2.85	27.3	90.5	0.77	1060	2.40	0.11	9.0	2.9	680
Q926064		5.80	19.05	0.14	1.0	0.738	2.77	29.0	166.5	1.31	2350	5.85	0.04	6.2	3.5	490
Q926065		0.47	0.29	0.08	<0.1	0.006	0.03	0.6	1.7	12.70	214	0.08	<0.01	0.2	1.7	160
Q926066		3.20	16.75	0.13	1.2	0.153	2.51	25.2	139.0	0.73	1080	1.71	0.24	8.1	2.7	650
Q926067		3.42	15.45	0.16	1.4	0.146	2.70	31.3	55.6	1.00	2010	1.82	0.13	7.9	2.6	600
Q926079		3.98	15.35	0.13	1.2	0.184	2.94	32.6	71.4	0.87	4020	0.96	0.07	7.4	3.2	570
Q926068		3.53	15.60	0.13	1.0	0.191	2.71	31.4	67.9	0.96	2060	16.15	0.10	7.8	2.8	610
Q926069		3.02	15.55	0.15	1.1	0.098	2.68	26.1	48.3	0.68	1110	1.89	0.08	7.9	3.1	630
Q926070		3.05	16.05	0.12	1.1	0.041	2.28	23.2	41.8	0.68	713	1.08	0.45	8.2	2.6	650
Q926071		3.13	14.25	0.11	0.9	0.045	1.85	26.2	205	1.05	1500	0.63	0.03	7.0	2.7	570
Q926072		3.15	17.25	0.14	1.0	0.041	2.44	23.2	27.5	0.52	788	1.29	0.10	8.5	2.8	670
Q926073		3.26	17.20	0.14	1.1	0.036	2.58	25.1	24.0	0.75	704	2.01	1.42	8.4	3.0	670
Q926074		3.11	15.35	0.15	1.0	0.183	3.33	31.1	25.8	1.02	2530	0.90	0.06	7.6	2.8	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110344

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926040		19.8	60.0	<0.002	0.03	25.7	9.0	<1	1.2	385	0.67	<0.05	7.5	0.421	1.05	3.0
Q926041		28.2	90.3	<0.002	0.01	4.58	11.2	1	1.5	375	0.68	<0.05	11.5	0.259	1.29	4.3
Q926042		21.8	83.3	<0.002	0.03	11.20	11.5	1	1.4	149.0	0.66	<0.05	12.1	0.252	1.38	2.6
Q926043		19.7	112.0	<0.002	0.01	2.27	12.2	1	2.4	315	0.63	<0.05	13.7	0.262	1.30	1.7
Q926044		22.3	105.0	<0.002	0.01	1.37	12.0	1	2.2	359	0.64	<0.05	13.9	0.260	1.20	1.5
Q926045		23.5	107.5	<0.002	<0.01	1.57	12.0	1	2.2	319	0.62	<0.05	12.8	0.249	1.17	1.7
Q926046		1310	178.0	<0.002	4.73	66.9	10.3	2	7.9	103.5	0.55	1.20	12.2	0.211	2.59	5.5
Q926047		24.0	120.5	<0.002	0.03	27.9	13.4	1	2.3	123.0	0.67	<0.05	12.5	0.294	2.03	4.3
Q926048		45.6	113.5	<0.002	0.03	49.8	14.4	1	3.4	83.3	0.71	<0.05	12.0	0.315	2.40	4.1
Q926049		62.6	134.0	<0.002	0.03	15.70	13.0	1	2.7	299	0.62	<0.05	12.7	0.276	1.63	2.3
Q926050		57.2	121.0	<0.002	0.01	17.90	15.3	1	4.0	99.7	0.71	<0.05	14.4	0.321	1.58	2.8
Q926051		56.1	123.5	<0.002	0.01	17.80	15.0	1	3.9	99.5	0.69	0.05	15.0	0.319	1.57	2.8
Q926052		31.1	136.0	<0.002	0.01	11.10	13.8	1	3.3	98.5	0.67	0.06	14.2	0.305	1.59	2.5
Q926053		40.6	110.5	<0.002	0.04	9.35	13.2	1	3.7	205	0.69	0.16	14.2	0.299	1.22	2.4
Q926054		36.7	124.0	<0.002	0.14	16.55	13.0	1	5.4	203	0.66	0.12	14.3	0.287	1.48	2.7
Q926055		35.5	113.5	<0.002	0.28	31.0	12.1	1	5.0	297	0.62	0.19	13.4	0.265	1.33	3.1
Q926056		21.2	137.0	<0.002	0.19	65.1	12.6	1	3.2	136.0	0.61	<0.05	13.6	0.284	1.95	3.4
Q926057		64.2	157.0	<0.002	1.06	38.8	11.0	1	3.1	76.8	0.59	<0.05	11.7	0.236	2.22	3.7
Q926058		2.5	1.3	<0.002	<0.01	0.27	0.2	<1	<0.2	44.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q926059		27.4	107.5	<0.002	0.22	2.05	12.9	1	2.6	394	0.65	0.05	13.3	0.285	1.13	3.2
Q926060		73.8	200	<0.002	0.76	21.9	12.0	1	2.4	93.8	0.64	0.06	12.7	0.257	2.96	4.3
Q926061		1660	153.5	<0.002	8.03	102.5	8.8	2	10.2	65.0	0.41	0.68	9.3	0.168	2.20	5.6
Q926062		333	189.5	<0.002	4.13	22.8	10.0	1	3.2	43.3	0.49	0.05	11.0	0.210	2.53	3.7
Q926063		64.8	150.5	<0.002	0.29	73.4	14.6	2	5.4	121.5	0.81	0.16	12.9	0.299	2.13	5.4
Q926064		60.8	185.0	<0.002	1.34	219	10.0	2	13.2	103.5	0.53	0.58	10.7	0.213	2.78	25.4
Q926065		1.7	1.8	<0.002	<0.01	0.51	0.2	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	0.02	0.8
Q926066		74.7	105.0	<0.002	0.59	75.0	12.3	3	4.8	187.0	0.68	0.14	13.8	0.275	1.86	3.8
Q926067		87.0	146.5	<0.002	0.39	18.55	13.6	1	3.5	182.5	0.62	<0.05	14.6	0.257	1.80	4.1
Q926079		222	182.5	<0.002	1.43	68.6	11.7	1	3.7	126.5	0.61	0.19	12.9	0.243	2.65	6.6
Q926068		90.6	161.0	<0.002	0.71	26.2	11.9	1	4.4	130.5	0.62	<0.05	14.7	0.256	2.16	3.6
Q926069		44.7	120.0	<0.002	0.40	30.7	11.2	1	3.8	109.5	0.69	0.05	14.2	0.265	1.59	3.6
Q926070		17.8	85.5	<0.002	0.21	12.40	11.8	1	2.3	184.5	0.71	<0.05	13.1	0.270	1.07	3.6
Q926071		16.1	99.4	<0.002	0.25	27.5	11.1	1	1.6	165.0	0.59	<0.05	12.1	0.233	1.63	6.0
Q926072		16.0	99.4	<0.002	0.11	11.50	12.6	1	2.0	116.0	0.69	<0.05	13.5	0.282	1.14	2.4
Q926073		18.0	104.0	<0.002	0.12	5.38	12.5	1	2.1	356	0.68	<0.05	14.0	0.272	1.16	4.2
Q926074		332	206	<0.002	0.40	25.6	11.7	1	2.7	105.5	0.62	<0.05	14.0	0.253	2.55	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110344

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926040		88	1.8	13.3	114	169.0
Q926041		74	0.9	14.1	83	32.4
Q926042		75	1.7	12.7	114	31.4
Q926043		79	1.8	16.5	68	34.3
Q926044		77	3.4	16.4	61	33.7
Q926045		73	1.9	16.1	64	32.6
Q926046		63	6.1	12.4	2410	31.5
Q926047		90	3.6	15.8	146	32.7
Q926048		95	3.6	14.0	118	29.4
Q926049		83	3.2	17.5	160	27.6
Q926050		99	4.4	16.9	155	31.4
Q926051		96	4.4	17.6	154	31.2
Q926052		89	4.0	16.0	86	30.1
Q926053		85	6.4	16.8	74	30.3
Q926054		85	4.0	16.8	76	31.4
Q926055		80	2.6	15.4	74	28.8
Q926056		84	2.4	14.5	70	28.5
Q926057		71	3.3	13.7	409	25.7
Q926058		3	0.1	0.8	16	0.5
Q926059		83	1.5	17.4	61	30.9
Q926060		76	4.2	15.3	212	27.7
Q926061		56	7.7	9.7	3450	24.6
Q926062		64	9.7	8.4	537	24.3
Q926063		95	7.1	16.6	116	34.0
Q926064		86	5.1	17.0	173	25.4
Q926065		2	0.1	0.9	16	0.6
Q926066		81	5.6	16.3	100	31.1
Q926067		84	7.2	21.1	129	31.5
Q926079		72	7.4	14.0	246	28.4
Q926068		74	5.4	15.8	300	25.6
Q926069		75	6.0	15.4	84	26.9
Q926070		78	6.1	15.9	61	25.8
Q926071		74	5.9	17.0	84	22.5
Q926072		83	6.5	16.6	57	25.9
Q926073		79	3.1	17.6	53	28.2
Q926074		73	3.5	16.2	2670	23.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110344

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110346

Project: KLUANE

P.O. No.: Kluane

This report is for 35 Rock samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLUANE

CERTIFICATE OF ANALYSIS WH14110346

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
M896212		2.05	<0.005		0.01	0.12	1.1	20	<0.05	0.01	0.04	<0.02	0.33	0.2	8	0.14
M896213		1.98	<0.005		0.04	0.23	0.5	30	<0.05	0.01	0.05	0.04	0.34	0.3	11	0.13
M896214		1.50	0.058		0.02	0.41	10.7	30	<0.05	0.16	0.05	0.03	0.82	0.5	16	0.48
M896215		1.35	<0.005		0.02	6.47	<0.2	210	2.25	0.01	0.61	0.06	2.45	0.1	9	0.95
M896216		1.51	3.63		0.84	0.21	6640	140	0.26	5.37	0.02	0.15	1.43	0.6	19	0.06
M896217		2.36	>10.0	17.40	2.47	0.33	3440	40	0.11	14.40	0.04	0.03	2.42	0.6	28	0.06
M896218		1.62	3.79		0.65	5.23	>10000	510	1.66	3.92	0.70	0.17	33.4	11.4	61	0.63
M896219		1.56	>10.0	225	20.6	0.64	4500	70	0.22	188.0	0.03	0.08	3.48	0.8	23	0.09
M896220		2.05	0.183		0.05	0.45	41.1	180	0.07	0.50	0.09	0.02	1.59	0.5	15	0.09
M896221		2.06	0.415		0.08	0.68	19.2	40	<0.05	0.94	0.11	0.02	0.84	0.2	12	0.38
M896222		1.69	0.012		0.02	0.51	31.8	50	0.15	0.11	0.03	0.02	0.85	0.6	20	0.26
M896223		1.79	0.312		0.28	0.50	591	70	0.12	0.85	0.01	0.16	1.67	0.4	21	0.17
M896224		1.88	0.082		0.06	0.55	29.2	60	0.48	0.17	0.02	<0.02	0.20	0.3	19	0.35
M896225		1.90	0.024		0.02	6.09	4.6	190	2.63	0.14	0.12	0.04	25.3	0.7	6	2.20
M896226		1.22	<0.005		0.04	6.34	91.2	160	2.49	0.11	0.12	0.08	42.2	0.2	6	0.81
M896227		2.78	<0.005		0.01	6.06	4.6	170	2.37	0.08	0.19	0.02	42.8	0.3	16	2.15
M896228		2.53	<0.005		0.02	0.94	3.9	70	0.06	0.05	0.31	0.06	2.27	1.0	15	0.28
M896229		1.28	<0.005		0.01	0.03	1.3	10	<0.05	0.04	0.01	<0.02	0.21	0.2	14	<0.05
M896230		2.34	0.005		0.14	6.37	50.3	180	1.88	0.22	0.08	0.03	39.9	0.2	3	0.78
M896231		1.49	0.015		0.13	6.24	12.4	180	2.18	0.16	0.08	<0.02	37.8	0.1	6	0.78
M896232		1.23	<0.005		0.01	0.20	1.7	30	<0.05	0.03	0.01	<0.02	0.30	0.5	12	0.10
M896233		2.36	<0.005		1.66	7.33	0.5	1340	1.51	3.58	0.91	0.58	3.91	0.6	4	1.12
M896234		1.53	1.825		0.33	0.78	2670	70	0.45	0.33	0.05	0.04	2.42	0.4	20	0.45
M896235		2.38	0.020		0.40	6.31	341	220	2.26	0.28	0.12	0.27	46.8	1.3	3	0.85
M896236		1.54	<0.005		0.04	3.43	4.3	500	0.48	0.12	1.19	0.10	3.75	0.9	11	0.90
M896237		1.24	0.012		0.08	1.92	11.2	150	0.13	0.07	0.85	0.08	9.66	1.3	14	0.90
M896238		3.43	>10.0	51.6	4.95	0.51	9080	40	0.24	7.65	0.02	0.12	2.92	1.8	29	0.12
M896239		2.10	0.140		0.10	1.68	477	160	0.35	0.31	0.19	0.04	11.15	2.6	44	0.52
M896240		2.17	>10.0	51.6	5.30	0.84	>10000	80	0.29	11.35	0.09	0.09	2.67	3.6	25	0.27
M896241		2.12	>10.0	23.2	2.80	0.32	6300	50	0.16	6.69	0.03	0.06	0.98	1.0	28	0.09
M896242		0.52	0.103		0.09	8.12	99.4	1620	1.57	0.62	0.30	0.11	48.1	2.8	11	2.78
M896243		2.02	0.124		0.10	7.32	148.0	1700	2.09	0.32	0.27	0.11	48.5	1.5	5	0.92
M896244		1.99	0.287		0.10	1.87	237	140	0.84	0.18	0.15	0.06	7.71	1.8	30	0.60
M896245		1.77	0.007		0.05	7.65	19.8	630	1.05	0.10	2.05	0.08	30.4	10.0	42	1.06
M896246		1.25	0.028		0.04	4.53	19.2	140	1.07	0.06	1.07	0.03	19.90	1.4	10	0.46

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLUANE

CERTIFICATE OF ANALYSIS WH14110346

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M896212		1.3	0.33	0.33	0.09	<0.1	<0.005	0.03	<0.5	8.3	0.01	44	0.16	0.01	0.1	1.2
M896213		2.4	0.27	0.41	0.08	<0.1	<0.005	0.03	<0.5	5.6	0.01	36	0.11	0.05	0.1	1.2
M896214		3.2	0.34	0.78	0.07	<0.1	0.008	0.15	<0.5	9.5	0.01	65	0.26	0.09	0.2	1.7
M896215		8.2	0.55	18.95	0.17	2.8	0.022	3.13	0.7	6.1	0.01	340	1.77	3.46	8.7	0.8
M896216		1.7	0.91	0.58	0.05	<0.1	<0.005	0.06	0.8	9.6	0.02	36	0.18	0.04	0.2	1.2
M896217		1.3	0.69	0.71	<0.05	<0.1	<0.005	0.08	1.2	4.3	0.04	43	0.24	0.09	0.3	2.1
M896218		27.1	3.25	12.15	0.07	0.2	0.030	0.87	16.6	22.7	0.88	332	0.88	1.48	5.4	29.5
M896219		2.6	0.82	1.47	<0.05	<0.1	0.005	0.19	1.8	5.7	0.09	53	0.16	0.15	0.6	2.3
M896220		3.2	0.38	0.85	<0.05	<0.1	<0.005	0.08	0.8	9.9	0.03	51	0.17	0.14	0.2	1.9
M896221		1.2	0.25	1.19	0.06	<0.1	<0.005	0.24	0.5	8.9	0.01	40	0.10	0.23	0.2	0.8
M896222		8.5	0.55	1.08	<0.05	<0.1	<0.005	0.13	<0.5	6.4	0.06	73	0.26	0.04	0.3	2.7
M896223		4.7	0.51	1.23	<0.05	<0.1	0.011	0.12	0.9	68.2	0.02	40	0.22	0.01	0.3	1.6
M896224		2.1	0.25	1.57	<0.05	<0.1	<0.005	0.13	<0.5	99.6	0.02	28	0.13	0.01	<0.1	1.0
M896225		1.7	0.89	20.8	0.16	4.8	0.046	3.75	11.1	18.4	0.02	70	0.46	2.55	15.9	2.2
M896226		2.3	0.58	21.4	0.18	4.7	0.058	3.78	17.4	9.9	0.01	27	0.60	2.67	16.1	1.1
M896227		1.3	0.89	19.75	0.26	4.5	0.050	3.66	19.3	12.5	0.02	130	0.17	2.60	14.6	0.9
M896228		2.6	0.51	1.97	0.13	0.1	0.009	0.16	1.1	8.2	0.07	287	0.17	0.28	0.7	2.9
M896229		1.0	0.30	0.21	0.07	<0.1	<0.005	0.01	<0.5	1.6	<0.01	65	0.16	0.01	0.1	1.0
M896230		3.0	0.45	21.5	0.21	4.6	0.058	3.70	17.6	6.7	0.01	23	0.63	2.53	15.5	0.7
M896231		0.9	0.84	20.4	0.22	4.8	0.044	3.75	18.1	6.8	0.01	36	1.11	2.68	14.9	0.6
M896232		3.4	0.40	0.52	0.11	<0.1	<0.005	0.11	<0.5	3.9	0.01	47	0.20	0.03	0.2	2.6
M896233		2.4	0.47	14.25	0.21	1.4	0.007	1.29	2.2	5.3	0.10	141	0.06	4.35	3.5	0.7
M896234		1.5	0.61	2.69	0.10	<0.1	0.006	0.27	1.2	78.6	0.04	41	0.33	0.03	0.5	1.3
M896235		3.9	0.70	21.1	0.23	4.9	0.054	3.69	21.1	7.7	0.02	96	3.01	2.55	15.2	1.7
M896236		13.8	0.52	7.04	0.16	0.3	0.009	0.80	1.8	6.9	0.06	160	0.13	1.16	1.3	1.4
M896237		26.5	0.71	4.17	0.15	0.1	0.011	0.28	3.8	9.2	0.08	124	0.25	0.63	1.1	3.8
M896238		3.1	1.09	1.33	<0.05	<0.1	0.015	0.14	1.3	3.8	0.08	53	0.46	0.10	0.6	4.4
M896239		30.1	1.61	4.56	<0.05	0.1	0.018	0.32	5.4	15.9	0.42	225	0.75	0.26	2.3	10.6
M896240		6.4	1.83	2.32	<0.05	<0.1	0.024	0.23	1.2	7.6	0.20	132	0.34	0.08	0.8	5.4
M896241		2.3	0.94	0.84	<0.05	<0.1	0.010	0.07	<0.5	3.0	0.05	52	0.94	0.06	0.3	2.4
M896242		76.9	3.36	23.8	0.10	1.7	0.027	1.95	22.3	22.0	0.60	155	1.19	2.68	12.1	4.8
M896243		15.9	1.46	20.0	0.05	3.1	0.013	2.58	24.3	13.2	0.23	116	0.49	2.64	9.3	1.7
M896244		5.0	0.96	6.31	<0.05	0.4	0.013	0.59	3.5	82.0	0.14	103	0.48	0.38	3.0	6.5
M896245		20.5	3.55	18.35	0.09	0.3	0.037	1.05	13.0	24.8	1.10	553	0.43	1.86	9.1	18.8
M896246		2.3	0.71	12.65	<0.05	1.8	0.018	1.54	8.5	5.5	0.17	143	1.24	1.56	6.7	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLUANE

CERTIFICATE OF ANALYSIS WH14110346

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
M896212		20	1.0	1.2	<0.002	<0.01	0.08	0.1	<1	<0.2	7.9	<0.05	<0.05	<0.2	<0.005	0.03
M896213		40	16.2	1.3	<0.002	0.01	0.14	0.1	<1	<0.2	14.6	<0.05	<0.05	<0.2	<0.005	0.03
M896214		80	2.2	3.4	<0.002	<0.01	0.08	0.2	<1	0.4	11.4	<0.05	<0.05	0.2	0.006	0.06
M896215		10	22.1	127.0	<0.002	<0.01	0.07	0.5	1	0.5	105.5	1.00	<0.05	1.5	0.012	0.90
M896216		30	4.1	2.8	<0.002	0.24	3.05	0.4	1	0.4	8.0	<0.05	<0.05	<0.2	0.013	0.03
M896217		150	9.3	3.3	<0.002	0.14	3.32	0.5	1	0.2	17.7	<0.05	0.06	0.3	0.016	0.03
M896218		640	8.7	38.9	0.002	0.89	8.60	10.3	3	2.7	198.0	0.32	0.12	5.3	0.228	0.18
M896219		90	76.6	7.5	<0.002	0.13	4.06	1.1	1	0.6	48.2	<0.05	0.32	0.5	0.032	0.04
M896220		50	1.8	2.2	<0.002	<0.01	0.10	0.4	<1	<0.2	24.5	<0.05	<0.05	0.3	0.009	0.02
M896221		80	3.0	4.4	<0.002	<0.01	0.06	0.2	<1	0.5	25.2	<0.05	<0.05	<0.2	0.005	0.03
M896222		80	1.4	3.3	<0.002	<0.01	0.15	0.3	<1	0.2	6.1	0.05	<0.05	<0.2	0.011	0.02
M896223		70	47.0	6.0	<0.002	0.01	17.25	1.3	1	<0.2	4.8	<0.05	0.15	0.2	0.018	0.04
M896224		<10	0.9	7.3	<0.002	<0.01	20.9	0.2	1	<0.2	23.6	<0.05	0.09	<0.2	<0.005	0.05
M896225		30	20.9	142.0	<0.002	<0.01	1.13	3.0	1	1.8	21.7	1.19	<0.05	11.2	0.036	0.90
M896226		40	17.1	146.0	<0.002	<0.01	0.97	3.0	1	2.3	20.6	1.15	<0.05	11.9	0.037	0.87
M896227		30	19.8	137.5	<0.002	<0.01	0.56	2.8	1	1.9	20.6	1.08	<0.05	11.0	0.035	0.80
M896228		230	2.6	5.7	<0.002	<0.01	0.07	1.7	1	0.3	42.9	0.07	<0.05	0.2	0.022	0.04
M896229		<10	<0.5	0.4	<0.002	<0.01	0.09	0.2	<1	<0.2	1.3	<0.05	<0.05	<0.2	<0.005	<0.02
M896230		60	16.6	125.0	<0.002	<0.01	0.94	3.1	1	2.3	30.6	1.12	<0.05	11.5	0.038	0.80
M896231		40	17.7	133.0	<0.002	<0.01	0.83	3.1	1	1.8	23.1	1.09	<0.05	11.5	0.036	0.85
M896232		40	0.7	2.0	<0.002	<0.01	0.24	0.1	<1	0.2	4.1	<0.05	<0.05	<0.2	0.005	<0.02
M896233		90	26.9	56.6	<0.002	0.02	0.11	0.9	<1	0.5	750	0.24	0.19	0.6	0.040	0.37
M896234		10	1.8	17.5	<0.002	0.04	43.3	1.0	1	0.2	16.5	<0.05	0.38	0.3	0.029	0.11
M896235		60	27.2	119.5	<0.002	<0.01	2.57	3.1	1	2.1	40.3	1.17	<0.05	12.1	0.038	0.74
M896236		950	14.5	17.8	<0.002	<0.01	0.09	1.3	1	1.4	221	0.23	<0.05	0.3	0.016	0.09
M896237		1740	5.5	10.6	<0.002	0.01	0.21	1.4	1	0.8	116.5	0.14	<0.05	0.4	0.035	0.06
M896238		80	35.2	5.7	<0.002	0.33	5.02	1.2	2	0.3	14.2	<0.05	1.06	0.3	0.026	0.03
M896239		360	2.2	12.6	<0.002	0.04	0.59	5.5	1	0.5	35.9	0.21	<0.05	1.8	0.093	0.07
M896240		200	11.8	9.0	<0.002	0.46	7.56	2.1	3	0.4	25.4	<0.05	1.27	0.3	0.048	0.06
M896241		40	48.2	3.1	0.002	0.25	3.50	0.6	2	<0.2	9.8	<0.05	0.58	<0.2	0.014	0.05
M896242		920	5.0	79.3	<0.002	<0.01	3.19	9.1	1	2.9	523	0.66	<0.05	3.6	0.355	0.42
M896243		500	12.6	61.8	<0.002	0.01	0.72	3.9	1	0.7	389	0.85	<0.05	7.5	0.139	0.30
M896244		160	4.4	30.8	<0.002	<0.01	20.4	2.8	1	0.6	35.9	0.21	0.29	2.1	0.060	0.17
M896245		1560	7.9	37.1	<0.002	0.01	0.28	12.6	1	0.8	403	0.52	<0.05	3.3	0.448	0.22
M896246		720	7.9	49.8	<0.002	<0.01	0.44	3.1	1	1.0	142.5	0.48	<0.05	4.8	0.028	0.28

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLUANE

CERTIFICATE OF ANALYSIS WH14110346

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
M896212		0.1	1	0.1	0.2	<2	<0.5	
M896213		0.1	1	0.1	0.3	5	<0.5	
M896214		0.2	1	0.2	0.8	<2	0.7	
M896215		2.2	1	<0.1	10.0	23	55.4	
M896216		0.1	4	2.7	0.7	<2	0.5	
M896217		0.1	5	2.6	0.8	<2	0.5	
M896218		1.1	96	24.8	11.3	37	4.7	2.00
M896219		0.1	11	4.9	1.2	3	0.6	
M896220		0.2	3	0.1	0.8	2	0.5	
M896221		0.3	<1	0.1	0.6	<2	0.6	
M896222		0.3	2	0.2	0.7	4	0.5	
M896223		<0.1	8	0.5	0.5	2	0.5	
M896224		<0.1	4	<0.1	0.1	<2	<0.5	
M896225		3.8	<1	0.6	13.8	45	111.5	
M896226		3.5	1	0.7	13.7	19	114.5	
M896227		3.2	<1	0.7	17.2	38	106.0	
M896228		0.2	5	0.9	2.7	6	1.1	
M896229		<0.1	<1	0.2	0.1	<2	<0.5	
M896230		3.7	3	2.0	11.2	12	108.0	
M896231		4.5	<1	0.6	15.5	18	112.5	
M896232		0.1	1	0.1	0.3	<2	<0.5	
M896233		0.7	4	1.7	2.3	34	39.8	
M896234		0.1	11	0.4	0.9	3	1.4	
M896235		4.1	4	1.2	16.5	51	114.0	
M896236		0.8	3	0.3	4.0	7	7.4	
M896237		0.9	7	0.6	14.8	9	1.1	
M896238		0.1	12	4.3	1.2	5	0.9	
M896239		0.5	40	1.8	3.6	26	1.8	
M896240		0.1	20	42.4	1.6	11	0.9	1.250
M896241		<0.1	6	244	0.4	3	2.2	
M896242		1.1	35	2.0	10.3	38	63.4	
M896243		3.3	11	1.1	8.9	19	111.0	
M896244		0.7	25	1.4	3.0	13	9.7	
M896245		1.0	81	0.9	15.1	68	6.5	
M896246		1.6	6	0.5	8.8	10	48.2	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLUANE

CERTIFICATE OF ANALYSIS WH14110346

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	SPL-21
WEI-21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA24	Au-GRA22	ME-MS61
ME-OG62	PUL-31	PUL-QC	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110347

Project: KLAZA

P.O. No.: Batch 78

This report is for 34 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110347

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q926917		4.73	0.035		0.12	7.17	22.3	4180	1.32	0.50	1.95	0.09	63.3	5.9	9	10.30
Q926918		0.26	1.870		38.8	5.85	2520	1210	1.30	34.7	1.63	46.9	36.9	17.0	22	10.05
Q926919		6.65	0.044		0.47	7.06	53.8	3130	1.40	0.75	1.86	0.15	42.1	11.6	11	9.43
Q926920		1.17	>10.0	10.25	>100	3.60	>10000	360	0.95	0.29	1.52	178.0	26.7	5.0	7	12.35
Q926921		4.32	0.015		0.22	0.05	30.6	30	<0.05	0.02	20.6	0.33	1.00	0.6	<1	0.13
Q926922		3.22	0.013		0.40	6.91	62.7	3350	1.45	0.23	1.95	0.39	42.0	3.7	6	12.00
Q926923		5.16	<0.005		0.13	6.83	16.7	1260	1.57	0.26	2.18	0.09	42.0	5.2	7	11.05
Q926924		6.36	<0.005		0.15	7.04	10.9	1790	1.32	0.38	2.14	0.06	45.5	7.9	8	10.80
Q926925		6.23	<0.005		0.16	6.97	39.2	4530	1.34	0.44	2.04	0.08	50.5	8.9	8	11.30
Q926926		3.45	0.006		0.17	7.05	36.1	2680	1.47	0.37	1.49	0.16	48.1	17.2	8	11.95
Q926927		5.24	<0.005		0.13	6.94	18.5	2530	1.42	0.22	2.26	0.13	42.5	4.5	8	13.20
Q926928		2.22	<0.005		0.11	6.85	18.5	2710	1.43	0.21	2.38	0.13	41.2	4.6	7	13.25
Q926929		3.04	<0.005		0.11	6.96	17.3	1890	1.40	0.20	2.08	0.12	43.0	5.7	10	17.75
Q926930		1.49	0.019		0.24	5.19	37.2	2690	1.35	0.21	5.32	0.16	34.5	4.3	5	13.75
Q926931		4.09	<0.005		0.01	0.08	0.4	40	0.06	0.02	20.1	0.04	1.20	0.7	<1	0.19
Q926932		2.69	<0.005		0.12	6.73	12.3	2090	1.23	0.21	2.09	0.11	38.9	3.6	7	14.00
Q926933		5.31	<0.005		0.09	6.89	8.6	2010	1.33	0.15	2.24	0.12	39.4	4.1	8	12.25
Q926934		2.19	<0.005		0.07	7.33	5.5	2350	1.65	0.47	2.48	0.09	45.3	6.8	10	9.17
Q926935		2.23	0.005		0.41	7.33	19.5	1890	1.32	0.44	1.72	3.49	48.7	8.2	8	10.45
Q926937		3.91	<0.005		0.32	7.10	23.8	2030	1.74	0.67	2.12	0.87	44.6	6.7	8	10.90
Q926938		6.18	<0.005		0.25	7.14	11.3	2010	1.56	0.85	1.95	0.55	45.5	9.8	9	9.06
Q926939		4.03	0.005		0.09	6.88	7.3	2080	1.54	0.42	2.09	0.10	42.0	4.7	8	7.50
Q926941		2.08	<0.005		0.14	6.83	12.7	1530	1.46	0.40	2.40	0.09	41.8	4.6	9	9.38
Q926942		0.85	0.010		0.77	7.68	97.2	580	1.62	0.58	4.19	0.09	23.6	7.3	4	13.30
Q926943		3.63	<0.005		0.11	7.10	7.0	1800	1.34	0.78	2.42	0.07	39.3	4.9	8	6.53
Q926944		4.78	0.025		1.02	7.25	45.2	2000	1.64	1.04	2.33	1.47	42.5	3.9	8	8.43
Q926945		6.34	0.005		0.11	6.99	14.0	2220	1.52	0.64	2.23	0.13	45.1	3.0	8	6.97
Q926946		3.28	<0.005		0.13	7.11	9.2	1950	1.34	1.00	2.36	0.12	41.5	6.8	8	13.20
Q926947		0.26	0.885		11.20	6.67	1600	1220	1.44	11.80	1.85	32.8	46.1	17.2	18	13.40
Q926948		2.46	0.009		0.90	6.44	30.0	1570	1.43	0.71	2.12	0.60	40.7	5.7	7	16.45
Q926949		2.50	0.119		0.99	6.78	290	1200	1.32	0.54	2.28	1.33	41.0	5.5	7	17.85
Q926950		<0.02	0.122		1.01	6.93	276	1250	1.50	0.52	2.34	1.34	42.5	5.6	7	18.30
Q926951		5.31	<0.005		0.15	7.24	9.5	1970	1.69	1.07	2.12	0.13	39.7	6.0	8	21.9
Q926952		4.61	<0.005		0.14	6.93	8.4	2040	1.44	0.65	2.38	0.14	40.2	5.4	10	25.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110347

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q926917		3.6	3.93	16.00	0.18	1.0	0.163	4.56	34.1	23.3	0.84	1330	0.40	0.14	6.8	3.0
Q926918		1195	8.87	13.80	0.11	0.8	1.585	2.64	18.8	17.4	0.68	2340	17.65	0.06	5.0	15.0
Q926919		43.6	3.54	15.20	0.12	1.3	0.133	3.81	21.5	25.3	0.82	1920	1.72	0.04	7.3	2.7
Q926920		110.5	4.43	8.46	0.08	0.6	0.108	1.57	13.7	35.4	0.54	5570	29.6	0.02	3.7	1.7
Q926921		2.1	0.47	0.15	0.07	<0.1	<0.005	0.02	0.5	0.9	12.50	227	0.31	<0.01	0.1	1.5
Q926922		3.2	2.69	15.50	0.11	1.0	0.081	3.10	22.0	27.7	0.82	1960	0.96	0.02	6.6	2.4
Q926923		3.3	2.80	14.80	0.12	1.2	0.083	3.17	21.7	22.5	0.86	1020	0.57	0.04	7.6	2.4
Q926924		3.5	2.93	14.55	0.13	1.2	0.112	3.19	23.9	23.0	0.86	974	0.46	0.05	7.7	2.2
Q926925		6.2	3.44	13.50	0.14	1.1	0.162	3.34	27.5	20.4	0.86	1280	0.22	0.21	7.5	2.3
Q926926		4.9	3.54	13.65	0.13	1.1	0.103	3.13	25.4	21.7	0.66	1070	0.33	0.89	7.8	2.3
Q926927		10.0	2.78	15.20	0.11	1.3	0.076	3.13	21.7	22.8	0.73	739	0.78	1.39	7.8	2.3
Q926928		8.8	2.76	15.05	0.13	1.3	0.068	3.22	20.8	19.2	0.78	765	0.68	1.33	7.9	2.2
Q926929		9.0	2.65	15.75	0.13	1.3	0.062	3.11	21.8	27.8	0.70	719	0.86	1.20	8.2	2.5
Q926930		9.4	2.85	11.55	0.12	0.8	0.059	1.97	18.4	30.2	1.76	2330	1.32	0.02	5.2	1.8
Q926931		2.6	0.46	0.23	0.08	<0.1	<0.005	0.03	0.6	1.2	12.45	201	0.19	0.01	0.2	1.3
Q926932		14.8	2.30	15.85	0.13	1.2	0.057	2.78	18.4	51.2	0.65	582	1.72	0.46	8.0	1.9
Q926933		12.0	2.55	15.45	0.13	1.2	0.045	2.72	18.9	16.5	0.60	551	1.63	1.83	7.7	2.1
Q926934		10.7	2.94	17.05	0.15	1.5	0.052	2.65	22.6	12.8	0.77	635	4.56	2.25	8.6	2.5
Q926935		22.0	2.62	16.50	0.16	1.5	0.040	2.88	25.6	17.2	0.47	1650	5.44	0.75	8.3	2.1
Q926937		11.2	2.83	16.45	0.14	1.5	0.055	2.67	22.5	13.6	0.63	1100	2.00	2.02	8.4	2.3
Q926938		4.0	3.11	16.25	0.18	1.3	0.078	2.58	23.8	13.1	0.72	1020	1.12	2.22	7.8	2.5
Q926939		6.7	2.64	15.55	0.19	1.5	0.055	2.63	20.9	10.7	0.68	594	1.26	2.08	7.8	2.2
Q926941		5.3	2.85	16.60	0.17	1.5	0.090	2.99	19.5	13.7	0.71	1560	1.78	1.16	8.1	2.2
Q926942		3.2	7.61	17.90	0.16	1.5	0.130	3.16	10.9	23.6	1.37	5300	2.29	0.04	5.2	4.0
Q926943		3.6	3.01	15.60	0.16	1.3	0.105	2.70	19.0	15.5	0.68	833	1.17	1.79	8.1	2.3
Q926944		27.4	2.95	16.50	0.18	1.4	0.094	2.91	20.8	12.1	0.71	760	5.50	2.04	8.0	2.5
Q926945		3.9	2.86	15.30	0.15	1.3	0.130	2.44	22.9	11.4	0.71	841	1.17	2.31	7.6	2.3
Q926946		18.6	2.71	16.90	0.14	1.6	0.058	2.68	20.1	25.3	0.53	602	1.57	0.65	8.2	2.2
Q926947		299	6.31	15.80	0.15	1.1	0.773	2.82	24.7	20.0	0.77	1820	9.26	0.12	6.6	11.8
Q926948		12.9	2.72	13.70	0.12	1.3	0.055	2.37	21.1	41.7	0.75	1580	1.42	0.88	7.0	1.9
Q926949		8.7	2.63	15.35	0.16	1.6	0.084	3.23	20.2	57.4	0.71	3510	1.73	0.07	7.4	2.1
Q926950		8.8	2.67	15.80	0.14	1.5	0.077	3.31	21.4	58.5	0.73	3570	1.78	0.07	7.6	2.2
Q926951		19.6	2.93	16.45	0.14	1.4	0.064	2.71	19.1	36.6	0.60	716	1.28	1.52	8.5	2.5
Q926952		25.8	2.75	15.90	0.17	1.4	0.066	2.75	19.7	27.9	0.65	676	1.00	1.26	7.8	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110347

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q926917		560	9.4	169.0	<0.002	0.17	5.85	9.8	1	1.6	138.0	0.58	0.09	11.9	0.231	2.33
Q926918		450	1685	151.5	0.002	8.03	106.0	8.3	2	10.9	65.9	0.40	0.71	8.9	0.169	2.14
Q926919		570	12.0	145.5	<0.002	0.67	15.70	9.6	1	1.6	118.0	0.56	0.09	11.8	0.233	2.27
Q926920		260	>10000	78.4	<0.002	4.03	279	4.6	1	15.4	66.1	0.30	0.12	6.4	0.117	1.44
Q926921		190	22.1	0.9	<0.002	0.01	0.53	0.1	<1	0.2	46.4	<0.05	<0.05	<0.2	<0.005	<0.02
Q926922		500	29.5	123.0	<0.002	0.65	13.05	8.3	1	1.4	88.0	0.55	<0.05	11.8	0.204	2.17
Q926923		530	14.3	111.5	<0.002	0.12	9.46	9.1	1	1.5	105.0	0.63	<0.05	13.4	0.225	2.06
Q926924		550	8.3	113.5	<0.002	0.06	11.05	9.3	1	1.4	97.5	0.65	<0.05	13.8	0.234	1.92
Q926925		540	8.3	141.5	<0.002	0.29	11.15	9.5	1	1.4	147.5	0.62	<0.05	14.4	0.222	2.04
Q926926		540	11.8	132.5	<0.002	0.48	12.40	9.6	1	1.6	204	0.67	<0.05	13.8	0.231	1.72
Q926927		560	18.3	119.0	<0.002	0.06	10.15	9.3	1	1.5	266	0.69	<0.05	13.4	0.237	1.63
Q926928		540	18.3	118.5	<0.002	0.07	11.95	9.5	1	1.6	260	0.67	<0.05	12.8	0.240	1.58
Q926929		560	16.1	119.5	<0.002	0.18	9.02	9.6	1	1.7	230	0.64	<0.05	12.1	0.244	1.70
Q926930		380	13.8	103.0	<0.002	0.60	15.20	6.9	1	1.3	218	0.41	<0.05	8.7	0.170	1.72
Q926931		190	1.3	1.4	<0.002	0.01	0.08	0.2	<1	<0.2	42.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q926932		590	16.1	93.2	<0.002	0.05	12.20	8.9	1	2.6	211	0.63	<0.05	10.4	0.247	1.64
Q926933		560	18.2	94.6	<0.002	0.01	6.53	8.7	<1	1.8	319	0.66	<0.05	10.9	0.241	1.14
Q926934		630	17.8	98.0	<0.002	0.01	1.76	10.0	1	2.0	383	0.76	<0.05	11.6	0.252	1.21
Q926935		580	120.5	117.5	0.002	0.19	11.75	9.2	1	2.4	138.5	0.74	0.05	13.6	0.242	1.59
Q926937		560	49.4	107.5	<0.002	0.20	5.12	9.5	1	2.3	298	0.75	<0.05	12.4	0.238	1.36
Q926938		570	25.7	99.3	<0.002	0.18	6.41	9.7	2	2.1	254	0.63	<0.05	12.0	0.239	1.31
Q926939		560	15.9	96.9	<0.002	0.01	3.69	9.0	1	1.9	328	0.69	<0.05	11.1	0.233	1.26
Q926941		580	15.8	115.0	<0.002	0.07	5.54	9.5	1	2.1	190.0	0.67	0.06	10.4	0.238	1.86
Q926942		1080	14.6	172.5	<0.002	0.89	8.60	11.2	1	1.4	115.0	0.30	<0.05	2.7	0.375	2.75
Q926943		600	11.3	98.4	<0.002	0.05	4.73	9.3	1	2.2	176.5	0.65	0.06	11.1	0.248	1.43
Q926944		590	104.0	105.5	<0.002	0.17	6.97	9.4	1	2.6	279	0.66	0.08	11.1	0.248	1.43
Q926945		540	13.8	101.0	<0.002	0.05	3.51	8.9	1	2.1	189.5	0.66	<0.05	11.6	0.228	1.35
Q926946		580	16.9	95.7	<0.002	0.09	10.40	9.1	1	2.7	203	0.70	0.05	11.5	0.248	1.34
Q926947		550	1310	166.0	<0.002	4.71	65.6	9.0	2	8.3	98.2	0.53	0.92	11.6	0.206	2.49
Q926948		500	20.6	97.8	<0.002	0.27	21.2	7.9	1	2.1	294	0.57	<0.05	11.1	0.215	1.48
Q926949		520	58.9	129.0	<0.002	1.00	20.4	8.4	1	2.4	117.0	0.64	<0.05	12.3	0.221	2.36
Q926950		540	60.8	136.5	<0.002	1.04	20.9	8.6	1	2.4	119.5	0.65	<0.05	12.9	0.225	2.38
Q926951		580	16.7	109.0	<0.002	0.04	10.00	10.1	1	2.6	270	0.70	<0.05	11.6	0.257	1.38
Q926952		560	18.7	112.0	<0.002	0.04	9.77	8.9	1	2.2	248	0.66	<0.05	11.7	0.230	1.47

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110347

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001
Q926917		4.1	69	3.5	13.6	98	25.9				
Q926918		5.5	57	7.2	9.6	3410	23.9				
Q926919		3.6	64	3.5	12.6	76	38.6				
Q926920		4.1	32	1.9	7.6	>10000	16.7	130	1.215	1.200	1.635
Q926921		0.5	2	0.1	0.7	39	<0.5				
Q926922		4.1	67	2.1	11.8	79	27.5				
Q926923		5.9	59	1.8	13.6	60	35.3				
Q926924		3.5	61	1.9	12.8	65	33.2				
Q926925		4.3	58	2.2	13.7	62	31.6				
Q926926		4.0	63	1.8	14.6	59	32.0				
Q926927		3.8	64	2.0	14.6	59	36.3				
Q926928		3.5	66	2.0	14.6	61	37.6				
Q926929		3.0	67	1.9	14.5	55	37.1				
Q926930		6.6	46	1.7	13.5	63	20.0				
Q926931		0.7	1	0.1	0.8	14	<0.5				
Q926932		2.5	67	2.3	13.0	54	29.0				
Q926933		3.0	66	2.5	13.7	51	29.0				
Q926934		3.3	71	2.5	16.7	48	37.7				
Q926935		3.7	67	4.2	15.0	337	38.6				
Q926937		3.1	67	2.6	14.8	105	39.7				
Q926938		3.6	66	2.3	14.7	89	35.8				
Q926939		3.2	65	1.7	13.9	44	38.6				
Q926941		4.8	66	2.8	14.5	50	36.8				
Q926942		10.5	129	2.0	15.4	120	52.7				
Q926943		2.6	65	3.0	13.9	48	32.4				
Q926944		3.4	70	3.3	14.5	161	35.9				
Q926945		2.4	63	2.8	14.4	55	34.0				
Q926946		3.1	70	2.3	15.5	51	44.0				
Q926947		5.0	64	6.1	11.4	2420	29.7				
Q926948		2.9	61	1.9	11.5	80	35.3				
Q926949		3.6	63	2.7	12.7	135	39.1				
Q926950		3.8	62	2.9	13.3	145	39.3				
Q926951		3.2	74	1.7	14.1	58	38.0				
Q926952		4.0	64	1.7	13.6	52	37.0				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110347

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
ME-MS61	ME-OG62	Pb-OG62	Zn-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110348

Project: KLAZA

P.O. No.: BATCH 79

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110348

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926953		3.25	<0.005	0.15	7.03	6.9	1950	1.51	0.82	2.34	0.14	42.2	5.2	10	19.15	23.2
Q926954		3.01	<0.005	0.20	6.58	14.9	1640	1.37	0.67	2.82	0.12	39.5	5.3	9	20.1	28.2
Q926955		0.27	0.336	4.35	6.72	691	1190	1.32	3.24	2.03	10.95	49.3	12.3	25	13.70	313
Q926956		2.11	<0.005	0.18	6.49	17.4	1870	1.18	0.38	4.72	0.31	47.4	4.4	6	17.95	15.9
Q926957		2.28	<0.005	0.17	7.55	11.4	1680	1.17	0.62	1.71	0.26	48.6	4.7	8	17.90	26.8
Q926958		1.19	<0.005	0.15	7.24	10.9	1490	1.24	0.54	1.41	0.27	48.5	5.1	9	22.2	22.3
Q926959		7.65	0.013	0.40	7.33	80.2	2210	1.46	0.93	2.51	0.25	47.4	7.3	9	11.95	20.9
Q926960		4.38	<0.005	0.15	7.52	6.9	2300	1.46	0.83	2.48	0.11	49.6	7.2	11	11.65	21.6
Q926961		3.68	<0.005	0.19	7.55	10.1	2160	1.47	0.76	2.59	0.12	53.9	7.4	10	14.55	23.6
Q926962		5.73	0.010	0.51	7.31	88.3	2250	1.71	0.81	2.68	0.23	48.5	9.9	33	14.90	21.3
Q926963		1.14	<0.005	0.54	7.92	13.9	1060	1.46	0.95	2.58	0.32	38.6	3.2	7	8.92	71.0
Q926964		3.88	0.021	0.51	7.63	46.2	2020	1.74	0.61	2.52	1.35	48.9	5.3	9	11.45	57.1
Q926965		3.38	0.158	6.08	7.28	370	1580	1.72	0.60	2.27	2.77	46.1	4.8	7	12.75	39.1
Q926966		4.32	<0.005	0.02	0.14	<0.2	60	0.08	0.05	21.5	0.07	1.69	0.8	1	0.42	5.6
Q926967		2.70	<0.005	0.21	7.69	34.4	2430	1.96	0.74	2.81	0.18	53.6	6.5	8	12.60	10.2
Q926968		4.26	<0.005	0.21	7.98	11.8	1540	1.91	1.34	2.75	0.14	64.1	5.2	9	9.61	89.7
Q926969		2.45	<0.005	0.23	6.95	26.2	1600	1.46	1.00	2.44	0.22	38.5	10.2	8	11.75	20.7
Q926970		5.68	<0.005	0.02	0.07	<0.2	40	0.06	0.03	21.0	0.07	1.22	0.7	<1	0.14	2.3
Q926971		3.75	<0.005	0.14	7.62	9.4	2010	1.71	1.09	2.87	0.10	48.2	7.8	10	10.85	8.6
Q926972		4.14	<0.005	0.14	7.39	7.6	2210	1.62	0.66	2.58	0.09	49.5	6.4	9	11.50	11.8
Q926973		2.98	<0.005	0.13	7.89	12.7	1870	1.64	0.96	2.91	0.13	53.1	5.2	8	11.90	18.5
Q926974		3.94	0.016	1.46	7.74	244	1560	1.65	0.89	3.18	6.60	46.7	8.1	8	21.0	19.4
Q926975		2.94	<0.005	0.15	8.03	9.5	2490	1.63	0.66	3.02	0.15	50.8	8.5	10	16.20	14.3
Q926976		1.37	0.005	0.43	7.17	42.3	3090	1.36	0.97	4.26	0.17	50.0	5.5	6	16.65	39.1
Q926977		5.20	<0.005	0.46	7.67	13.6	2070	1.83	1.34	3.10	2.56	45.5	6.4	8	12.15	17.4
Q926978		2.57	0.005	0.58	9.31	36.0	1100	2.16	2.34	2.93	0.38	51.1	9.1	7	19.55	26.1
Q926979		4.79	<0.005	0.20	7.93	11.6	1720	1.69	1.40	2.77	0.15	37.8	6.4	8	9.54	41.4
Q926980		<0.02	<0.005	0.23	8.01	12.0	1730	1.68	1.38	2.73	0.11	40.1	6.4	8	9.44	36.4
Q926981		2.34	0.012	0.41	7.05	13.4	2260	1.57	1.25	3.53	1.44	44.1	4.7	7	9.46	27.3
Q926982		5.02	<0.005	0.17	7.71	8.9	2250	1.66	1.43	3.00	0.13	47.9	7.7	9	9.05	19.1
Q926983		5.35	0.015	0.17	7.37	10.0	1530	1.79	1.15	2.62	0.11	42.9	6.8	9	8.16	18.8
Q926984		0.27	0.811	13.25	6.63	1595	530	1.49	13.85	1.85	34.8	48.0	18.5	17	14.40	288
Q926985		2.33	0.327	0.83	7.30	41.2	1270	1.61	1.19	2.83	5.93	44.4	9.1	7	10.15	84.6
Q926986		3.42	<0.005	0.22	8.12	13.4	1380	1.54	3.12	2.72	0.11	68.2	9.1	9	6.00	26.2
Q926987		5.42	<0.005	0.32	7.85	23.5	950	1.79	6.93	0.85	0.22	60.9	16.1	7	19.95	7.7
Q926988		5.88	<0.005	0.15	7.94	13.8	2110	1.33	2.30	1.02	0.14	68.9	6.8	8	10.20	13.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110348

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926953		2.80	15.40	0.14	1.4	0.058	2.84	21.2	14.6	0.64	642	0.90	2.07	8.1	1.8	570
Q926954		2.69	14.60	0.13	1.5	0.071	2.72	19.7	46.5	0.81	767	0.70	1.23	7.9	1.7	540
Q926955		5.00	15.10	0.12	1.0	0.302	2.88	28.5	25.9	0.78	1880	15.45	0.15	6.3	13.6	540
Q926956		2.54	13.00	0.11	1.3	0.056	2.33	26.5	116.5	0.93	1900	1.11	0.06	7.0	1.5	480
Q926957		2.91	16.10	0.14	1.5	0.103	2.88	25.9	32.1	0.61	929	0.96	0.53	8.3	1.9	570
Q926958		2.52	15.50	0.14	1.5	0.064	2.74	26.2	87.6	0.54	752	0.82	0.47	8.3	1.9	560
Q926959		2.96	16.20	0.13	1.3	0.049	2.67	24.9	17.3	0.85	812	1.18	2.25	8.5	1.9	600
Q926960		2.93	16.30	0.13	1.3	0.054	2.77	25.9	17.9	0.88	726	1.26	2.37	8.2	1.9	590
Q926961		2.92	16.10	0.15	1.4	0.054	2.84	28.5	12.7	0.77	773	1.16	2.20	8.3	2.0	600
Q926962		2.90	17.65	0.21	1.5	0.059	2.94	24.4	14.8	0.73	982	1.83	1.97	8.7	15.0	590
Q926963		3.42	18.85	0.22	1.3	0.186	1.58	17.7	13.1	0.53	1540	0.53	3.88	8.8	2.1	570
Q926964		3.21	18.30	0.27	1.5	0.123	3.13	24.9	13.0	0.59	1470	1.50	1.79	9.5	2.7	630
Q926965		3.55	17.35	0.17	1.2	0.137	3.25	23.6	18.3	0.49	4730	2.67	1.09	8.3	2.4	570
Q926966		0.50	0.51	0.13	<0.1	0.005	0.06	0.9	1.5	13.00	225	0.12	0.02	0.2	1.7	200
Q926967		3.55	19.50	0.15	1.5	0.150	3.11	27.2	15.6	0.57	1400	1.11	1.73	9.5	2.9	680
Q926968		3.70	18.85	0.16	1.4	0.140	2.03	35.1	12.8	0.89	1100	0.47	3.00	9.6	2.8	680
Q926969		3.28	17.45	0.14	1.2	0.076	2.23	18.0	27.0	0.43	1140	0.82	0.51	8.4	2.9	600
Q926970		0.47	0.31	0.11	<0.1	0.005	0.03	0.6	1.1	12.85	212	0.13	0.01	0.2	1.4	190
Q926971		3.31	18.55	0.20	1.4	0.110	2.35	23.8	12.1	0.87	794	0.86	2.68	9.1	2.7	650
Q926972		2.99	18.45	0.25	1.4	0.073	2.82	24.8	12.2	0.78	639	1.34	2.43	9.0	2.6	610
Q926973		3.35	18.95	0.22	1.6	0.127	2.37	27.5	15.4	0.79	970	1.05	2.53	9.3	2.9	650
Q926974		3.27	18.00	0.20	1.3	0.093	3.33	24.3	69.7	0.93	4030	1.57	0.22	8.4	2.7	670
Q926975		3.33	19.75	0.28	1.5	0.056	2.86	25.5	16.9	0.90	684	1.66	2.16	9.4	2.8	710
Q926976		3.55	16.75	0.19	1.2	0.106	3.09	27.2	40.8	1.30	1870	1.28	0.14	7.8	2.2	590
Q926977		3.43	18.10	0.19	1.4	0.107	2.42	21.8	13.7	0.86	1520	1.23	2.48	9.2	2.7	660
Q926978		4.06	23.8	0.21	1.6	0.265	1.76	25.8	24.5	0.87	3090	2.63	3.83	10.6	3.5	790
Q926979		3.29	18.50	0.17	1.3	0.140	1.93	18.4	13.9	0.87	963	1.81	3.27	9.0	2.7	650
Q926980		3.27	18.10	0.18	1.3	0.138	1.95	20.2	13.7	0.88	978	1.63	3.24	8.8	2.8	660
Q926981		3.49	16.75	0.17	1.3	0.147	2.89	23.1	11.7	0.66	1160	4.57	1.68	8.1	2.1	610
Q926982		3.17	18.50	0.24	1.5	0.082	2.87	24.3	14.6	0.90	679	1.43	2.34	8.8	2.5	640
Q926983		2.93	17.30	0.20	1.4	0.066	2.00	22.0	11.7	0.80	632	1.58	2.79	8.3	2.6	610
Q926984		6.64	17.25	0.14	1.2	0.799	2.87	25.4	20.8	0.77	1860	8.87	0.13	7.1	13.2	530
Q926985		3.27	17.35	0.17	1.4	0.128	2.00	21.9	16.1	0.66	1220	1.84	2.05	8.8	2.2	620
Q926986		4.42	19.40	0.17	1.5	0.119	1.34	38.2	11.9	0.85	1060	1.41	3.94	8.6	2.8	630
Q926987		3.10	19.95	0.20	1.8	0.122	1.53	34.8	49.0	0.52	662	3.71	0.79	8.9	2.5	580
Q926988		2.82	18.50	0.19	1.6	0.060	2.93	38.6	28.7	0.47	685	2.75	0.42	8.8	2.3	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110348

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926953		18.4	114.0	<0.002	0.02	4.04	9.7	<1	2.1	332	0.67	<0.05	13.8	0.238	1.35	3.5
Q926954		15.7	101.5	<0.002	0.10	12.60	9.1	1	2.0	243	0.69	<0.05	11.8	0.226	1.57	6.2
Q926955		482	164.5	0.008	2.72	28.0	9.4	1	5.7	111.5	0.50	0.39	11.7	0.197	2.44	5.4
Q926956		15.9	91.7	<0.002	0.15	23.4	8.2	1	1.7	175.0	0.64	<0.05	12.3	0.202	1.53	9.8
Q926957		14.8	128.5	<0.002	0.08	22.2	10.1	1	2.4	134.5	0.76	<0.05	14.7	0.242	1.51	6.5
Q926958		14.4	125.5	<0.002	0.04	27.1	10.0	1	2.1	154.5	0.74	<0.05	14.5	0.230	1.43	5.6
Q926959		31.0	109.5	<0.002	0.07	2.66	11.1	<1	2.3	399	0.67	<0.05	13.6	0.252	1.24	4.5
Q926960		17.0	115.0	<0.002	0.01	1.68	10.8	<1	2.2	404	0.65	<0.05	14.4	0.253	1.21	4.2
Q926961		17.4	123.0	<0.002	0.04	3.90	10.9	<1	2.1	364	0.69	<0.05	15.3	0.250	1.32	4.9
Q926962		20.1	116.0	<0.002	0.25	6.68	10.1	1	2.6	355	0.69	<0.05	12.3	0.245	1.54	4.0
Q926963		9.1	78.8	0.003	0.12	9.19	10.5	1	7.1	157.0	0.69	<0.05	12.0	0.241	1.33	5.4
Q926964		49.8	144.5	0.002	0.08	14.25	11.3	<1	6.2	247	0.78	<0.05	12.6	0.270	1.87	4.3
Q926965		676	154.5	0.002	0.49	39.2	10.6	<1	5.1	168.5	0.66	<0.05	12.1	0.247	2.19	3.8
Q926966		1.7	2.9	<0.002	<0.01	0.18	0.3	<1	0.2	49.4	<0.05	<0.05	0.2	0.006	0.03	0.7
Q926967		16.7	129.5	<0.002	0.08	9.99	11.3	1	10.2	212	0.76	<0.05	11.3	0.282	2.19	3.6
Q926968		17.6	88.4	<0.002	0.04	9.57	11.8	1	10.4	299	0.78	<0.05	13.7	0.285	1.22	3.2
Q926969		16.9	81.0	<0.002	0.06	24.9	9.5	1	9.1	98.9	0.67	<0.05	9.8	0.256	1.31	4.2
Q926970		1.3	1.1	<0.002	0.01	0.08	0.2	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q926971		17.0	91.4	0.002	0.02	5.66	11.4	<1	8.1	341	0.73	<0.05	11.6	0.273	1.10	3.4
Q926972		16.0	110.0	<0.002	0.01	3.72	10.7	1	4.9	341	0.73	<0.05	11.9	0.260	1.32	2.9
Q926973		14.5	108.5	<0.002	0.03	7.57	12.0	1	4.5	247	0.73	<0.05	12.7	0.273	1.40	3.7
Q926974		95.0	146.0	<0.002	0.46	33.5	11.6	1	4.0	125.0	0.59	<0.05	10.3	0.280	2.39	4.2
Q926975		18.0	116.5	<0.002	0.02	4.78	12.9	1	2.9	397	0.63	<0.05	11.0	0.304	1.43	3.1
Q926976		13.8	156.0	<0.002	0.19	22.1	11.0	<1	3.1	153.5	0.54	0.05	10.6	0.255	2.19	4.4
Q926977		83.0	85.7	<0.002	0.04	11.60	11.1	<1	7.1	336	0.68	<0.05	9.8	0.288	1.23	2.7
Q926978		26.2	95.5	<0.002	0.18	21.9	13.3	1	17.6	229	0.83	0.09	11.6	0.321	1.44	5.0
Q926979		15.6	80.6	<0.002	0.03	8.60	11.2	1	12.4	279	0.67	<0.05	10.3	0.284	1.07	2.5
Q926980		15.1	82.3	<0.002	0.03	8.29	11.3	<1	11.9	277	0.65	<0.05	10.5	0.281	1.09	2.4
Q926981		96.8	119.5	<0.002	0.10	5.92	10.2	1	7.7	250	0.62	<0.05	10.6	0.242	1.56	4.7
Q926982		17.7	115.0	0.002	0.01	3.28	11.8	1	6.8	361	0.67	<0.05	11.2	0.287	1.30	3.2
Q926983		19.5	81.6	0.002	0.02	5.65	10.0	1	9.9	348	0.64	<0.05	11.4	0.252	1.00	2.4
Q926984		1330	174.5	0.002	4.69	70.9	9.8	2	8.7	101.0	0.58	1.62	11.3	0.209	2.77	5.3
Q926985		252	86.7	<0.002	0.31	11.35	11.1	1	18.8	198.0	0.70	<0.05	11.3	0.253	1.27	3.1
Q926986		10.7	68.4	<0.002	0.03	8.69	10.7	1	9.7	226	0.71	<0.05	13.2	0.267	0.81	3.0
Q926987		35.1	91.4	<0.002	0.11	39.5	10.9	<1	6.5	107.5	0.79	0.08	17.1	0.248	1.40	5.7
Q926988		18.4	131.5	0.002	0.08	21.2	11.1	<1	4.0	102.0	0.65	<0.05	16.5	0.264	1.73	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110348

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926953		66	1.6	15.5	53	40.6
Q926954		63	1.9	15.7	50	43.0
Q926955		66	5.6	12.3	894	31.0
Q926956		54	2.0	21.0	83	38.1
Q926957		67	2.5	17.2	63	41.9
Q926958		62	2.5	16.2	55	43.7
Q926959		72	1.8	18.6	63	37.6
Q926960		70	1.9	18.3	50	38.6
Q926961		70	1.7	18.3	50	42.0
Q926962		68	2.4	15.7	53	42.8
Q926963		68	5.0	13.4	87	38.8
Q926964		72	3.0	16.9	290	41.9
Q926965		72	2.6	14.7	399	33.9
Q926966		3	0.1	0.9	16	0.6
Q926967		78	4.4	15.5	66	38.0
Q926968		76	3.7	17.4	79	36.9
Q926969		76	4.4	13.8	61	33.8
Q926970		2	0.1	0.8	15	<0.5
Q926971		76	1.8	16.8	46	37.3
Q926972		73	1.6	16.5	37	39.1
Q926973		75	2.9	17.8	51	47.3
Q926974		79	3.6	16.0	461	37.9
Q926975		84	2.4	18.1	42	40.6
Q926976		72	4.5	18.6	56	32.9
Q926977		80	2.4	15.7	212	37.1
Q926978		82	4.4	17.3	107	40.2
Q926979		71	2.3	15.2	65	34.4
Q926980		71	2.3	15.4	64	33.1
Q926981		74	16.7	16.5	169	34.3
Q926982		81	2.2	17.7	42	39.0
Q926983		69	2.0	14.3	47	36.3
Q926984		64	6.7	12.3	2410	31.2
Q926985		70	2.7	17.2	663	36.5
Q926986		73	3.5	14.1	63	39.4
Q926987		80	6.7	17.2	61	48.7
Q926988		70	5.5	16.4	43	43.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110348

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110349

Project: KLAZA

P.O. No.: BATCH 80

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110349

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926075		4.49	<0.005	0.08	6.92	11.2	2210	1.40	0.11	2.51	0.10	40.3	7.2	10	19.05	12.6
Q926076		4.50	0.026	1.18	6.12	322	680	1.39	0.34	2.32	4.31	41.2	7.4	8	17.10	14.9
Q926077		4.67	<0.005	0.15	8.17	17.5	1650	1.58	0.18	1.62	0.21	47.0	6.8	9	30.8	27.2
Q926078		3.48	<0.005	0.18	6.66	27.6	1000	1.15	0.11	3.56	0.37	47.7	7.6	8	14.90	9.1
Q926080		7.33	0.005	0.46	7.09	41.9	1400	1.58	0.19	1.85	0.49	41.6	7.7	13	25.2	87.6
Q926081		4.12	0.072	0.60	7.16	177.5	1020	1.38	0.50	3.73	1.27	45.6	10.7	7	13.20	10.0
Q926082		4.14	0.027	0.38	8.27	62.6	1030	1.77	0.53	2.09	0.44	42.1	8.4	8	9.14	2.8
Q926083		3.90	0.040	1.54	8.62	178.0	1090	1.75	0.31	1.59	4.54	48.2	6.9	8	8.63	26.0
Q926084		7.03	0.021	0.42	8.50	71.8	1080	2.02	0.42	1.95	0.93	42.0	7.0	8	10.40	7.2
Q926085		5.07	<0.005	0.19	7.30	66.6	540	1.77	0.10	3.60	0.96	59.1	7.0	8	16.35	6.8
Q926086		2.83	<0.005	0.21	7.02	65.1	860	1.76	0.11	3.62	0.90	43.0	6.4	7	14.65	7.6
Q926087		9.45	0.026	1.20	7.02	84.5	640	1.38	0.19	2.62	1.00	40.2	7.3	8	20.9	31.7
Q926088		5.00	<0.005	0.01	0.08	<0.2	80	0.06	0.03	20.2	0.04	1.20	0.6	1	0.20	1.9
Q926089		4.56	0.007	0.38	7.19	122.5	2210	1.37	0.10	2.73	1.74	43.1	8.0	9	23.2	10.9
Q926090		5.51	0.021	0.71	6.82	117.0	950	1.42	0.13	2.85	2.99	45.2	7.8	8	17.00	23.1
Q926091		0.28	0.924	12.20	6.54	1535	1270	1.35	11.90	1.83	32.5	47.1	16.6	19	13.50	290
Q926092		4.25	0.517	1.42	7.20	1595	1960	1.52	0.16	2.71	10.70	47.6	7.2	8	18.65	25.8
Q926093		3.89	0.214	3.71	6.88	929	960	1.34	0.98	1.71	13.40	44.6	8.1	8	15.50	49.6
Q926094		4.68	<0.005	0.02	0.06	3.1	20	0.05	0.02	20.0	0.08	1.01	0.6	1	0.17	2.6
Q926095		4.99	0.077	7.12	8.14	710	1830	1.47	0.37	2.08	49.3	54.4	9.1	8	13.05	101.5
Q926096		4.97	0.400	4.53	7.10	1755	1170	1.41	0.45	2.77	12.35	47.3	7.9	9	17.15	65.2
Q926097		2.97	0.184	0.90	7.17	749	1710	1.54	0.43	2.40	3.13	42.1	7.4	8	14.35	18.8
Q926098		0.29	1.835	39.1	5.76	2490	1420	1.17	33.2	1.63	43.8	34.1	15.7	21	9.73	1180
Q926099		4.35	0.310	10.25	7.05	1660	1070	1.31	2.62	1.71	48.6	40.7	7.4	16	17.50	99.0
Q926100		3.73	0.021	0.65	7.82	95.4	650	1.53	0.25	2.38	5.35	43.1	7.8	9	22.9	10.6
Q926101		3.62	0.009	0.35	5.98	41.7	500	1.43	0.24	2.87	0.52	40.1	5.9	8	21.6	7.0
Q926102		<0.02	0.007	0.30	6.33	38.6	520	1.51	0.21	2.91	0.47	43.4	6.2	8	23.4	7.3
Q926103		11.00	0.036	0.48	7.09	152.5	1050	1.66	0.12	2.11	0.76	71.5	8.6	26	27.7	17.9
Q926104		1.63	0.013	0.85	6.27	106.0	560	1.50	0.05	2.48	0.72	43.0	8.7	6	33.0	43.2
Q926105		6.19	<0.005	0.13	7.81	21.8	790	1.46	0.09	1.61	0.26	39.0	6.4	12	19.55	7.7
Q926106		7.44	0.082	0.18	7.51	310	1800	1.40	0.13	2.61	0.46	40.9	6.7	10	16.05	7.5
Q926107		6.50	0.210	0.95	7.84	940	1070	1.40	0.21	2.70	3.57	43.5	7.4	9	17.25	14.2
Q926108		3.70	<0.005	0.32	8.25	56.7	4400	1.50	1.29	0.83	0.34	53.6	8.7	9	26.2	36.4
Q926109		7.90	<0.005	0.17	8.07	16.3	1820	1.66	0.11	1.81	0.25	38.7	8.6	8	33.4	16.6
Q926110		6.41	<0.005	0.14	8.28	22.2	2140	1.36	0.17	0.89	0.40	54.6	7.4	8	15.35	11.6
Q926111		7.89	<0.005	0.17	8.57	29.4	2310	1.43	0.17	1.08	0.58	52.6	7.3	9	15.60	14.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110349

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926075		2.85	16.50	0.17	1.1	0.046	2.84	18.6	41.1	0.69	930	1.06	0.87	8.1	2.4	640
Q926076		2.86	13.55	0.16	0.9	0.090	2.61	22.7	54.5	0.81	3370	1.69	0.04	6.1	2.7	530
Q926077		3.12	18.10	0.15	1.1	0.049	2.39	23.7	118.0	0.65	1060	2.30	0.07	8.5	2.3	730
Q926078		2.93	14.05	0.14	1.0	0.031	1.84	26.3	187.0	1.13	1500	1.85	0.03	6.7	2.5	560
Q926080		3.21	15.75	0.18	1.0	0.075	2.85	21.1	39.7	0.68	1780	4.91	0.19	7.2	2.7	590
Q926081		3.72	16.60	0.15	1.0	0.144	3.06	23.2	31.9	1.02	4370	0.59	0.09	7.5	2.9	650
Q926082		5.98	18.45	0.17	1.5	0.260	4.35	19.2	5.9	0.90	5200	0.31	0.03	9.9	3.3	750
Q926083		4.76	18.45	0.16	1.5	0.282	4.40	24.0	6.4	0.80	5240	0.25	0.03	9.4	3.0	740
Q926084		5.09	19.25	0.18	1.5	0.283	4.41	19.8	7.4	0.89	3120	0.65	0.03	9.8	2.9	730
Q926085		3.81	14.90	0.18	1.4	0.123	3.30	30.8	22.0	1.15	3000	1.11	0.02	9.0	2.7	700
Q926086		3.94	15.00	0.17	1.4	0.127	3.38	21.1	20.7	1.10	3090	0.76	0.02	8.7	2.7	670
Q926087		3.18	15.75	0.15	1.2	0.057	2.70	20.8	34.1	0.91	2410	0.59	0.03	7.4	2.4	590
Q926088		0.44	0.24	0.09	<0.1	0.013	0.03	0.6	1.3	12.35	212	0.42	<0.01	0.2	1.2	200
Q926089		3.12	16.40	0.13	1.2	0.053	2.68	21.0	34.3	0.98	3730	1.06	0.02	7.7	2.8	680
Q926090		3.33	14.55	0.14	1.1	0.094	2.71	24.2	27.1	1.00	4860	1.01	0.02	7.2	2.6	570
Q926091		6.36	15.30	0.13	1.0	0.804	2.81	25.6	16.7	0.75	1760	9.14	0.12	6.1	12.4	520
Q926092		3.20	15.75	0.13	1.1	0.134	3.26	25.4	14.0	0.87	6340	1.02	0.06	7.3	2.3	580
Q926093		7.01	15.85	0.15	1.0	1.010	3.32	24.8	10.0	0.83	2160	0.75	0.04	6.6	3.3	550
Q926094		0.47	0.19	0.09	<0.1	<0.005	0.03	0.5	0.8	12.50	215	0.16	<0.01	0.1	1.5	180
Q926095		5.79	16.45	0.16	1.2	0.657	3.95	28.2	9.0	1.01	3340	0.30	0.03	8.1	2.6	660
Q926096		3.72	15.75	0.13	1.0	0.333	3.30	26.0	11.7	0.84	5110	1.15	0.04	7.0	2.8	570
Q926097		3.33	15.60	0.14	1.0	0.063	3.47	22.3	20.3	0.77	4580	0.95	0.05	6.6	2.6	560
Q926098		8.82	14.20	0.15	0.8	1.545	2.51	16.4	15.2	0.67	2270	17.75	0.06	4.5	14.5	440
Q926099		3.92	15.70	0.17	1.0	0.091	2.85	20.3	28.9	0.65	3820	1.70	0.05	6.9	2.8	560
Q926100		3.16	16.85	0.14	1.1	0.047	2.67	21.6	117.0	0.91	2390	1.15	0.05	7.7	3.2	640
Q926101		2.89	12.90	0.15	0.9	0.048	2.02	22.0	41.3	1.00	1900	1.06	0.04	5.9	2.3	480
Q926102		2.95	13.30	0.15	0.9	0.060	2.11	23.8	42.5	1.02	1930	1.08	0.04	6.1	2.3	490
Q926103		2.99	17.50	0.18	3.7	0.048	2.06	38.2	124.0	1.07	1460	4.57	0.03	9.8	10.2	1380
Q926104		2.33	13.50	0.13	1.0	0.031	2.09	24.3	30.2	0.82	2270	6.41	0.03	6.1	3.4	520
Q926105		2.89	16.65	0.14	1.2	0.042	2.39	17.5	53.1	0.63	1770	0.92	0.04	8.1	2.3	650
Q926106		3.00	16.00	0.16	1.3	0.047	2.87	18.6	28.4	0.75	1260	0.86	1.08	7.8	2.5	640
Q926107		3.03	16.65	0.15	1.3	0.076	3.11	21.5	33.0	0.83	4170	0.90	0.22	7.9	2.7	650
Q926108		3.44	17.50	0.16	1.1	0.043	2.19	30.6	134.5	0.27	746	1.87	0.72	7.7	2.7	670
Q926109		3.14	16.90	0.16	1.1	0.044	2.19	18.0	262	0.29	738	1.25	0.59	7.7	2.7	690
Q926110		3.10	16.75	0.17	1.1	0.060	2.61	28.4	36.4	0.44	758	1.68	1.34	7.7	2.4	700
Q926111		2.95	17.15	0.16	1.1	0.039	2.67	28.2	37.0	0.35	733	3.44	1.72	7.9	2.5	700

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110349

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926075		18.4	113.0	<0.002	0.06	9.05	10.5	1	2.1	231	0.66	<0.05	10.5	0.267	1.70	3.4
Q926076		266	152.0	<0.002	0.75	33.5	9.3	1	1.9	104.0	0.52	<0.05	10.6	0.222	2.19	21.5
Q926077		14.5	92.0	<0.002	0.08	19.75	12.0	1	1.8	132.0	0.69	<0.05	12.3	0.297	1.53	2.0
Q926078		13.1	81.2	<0.002	0.17	24.4	9.9	1	1.3	202	0.59	<0.05	11.4	0.231	1.61	5.6
Q926080		28.0	142.0	0.002	0.24	29.9	10.0	2	2.1	121.0	0.60	<0.05	10.5	0.254	2.03	3.7
Q926081		52.1	131.0	<0.002	1.38	32.5	9.9	1	6.0	297	0.58	<0.05	9.8	0.264	1.97	4.9
Q926082		30.2	190.5	<0.002	2.07	11.90	12.3	1	4.7	43.6	0.81	<0.05	11.5	0.314	3.43	4.2
Q926083		272	231	<0.002	1.45	22.6	13.3	1	4.1	37.6	0.80	<0.05	13.8	0.309	3.02	3.0
Q926084		63.2	211	<0.002	1.36	11.50	12.6	1	3.9	45.2	0.80	<0.05	12.5	0.306	2.97	3.9
Q926085		40.0	181.0	<0.002	0.28	15.80	12.0	1	2.2	82.1	0.78	<0.05	13.3	0.286	2.81	5.8
Q926086		38.0	156.5	<0.002	0.29	14.50	10.7	1	2.1	77.2	0.74	<0.05	11.9	0.282	2.72	5.5
Q926087		262	130.5	<0.002	0.61	19.30	9.7	1	1.6	146.5	0.62	<0.05	11.3	0.244	2.53	3.9
Q926088		1.6	1.4	<0.002	<0.01	0.10	0.2	1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	0.02	0.8
Q926089		95.3	125.0	<0.002	0.34	13.60	10.6	1	1.9	198.5	0.66	<0.05	10.9	0.280	2.55	4.5
Q926090		150.5	178.0	<0.002	0.55	15.45	9.5	1	1.9	140.5	0.60	<0.05	12.6	0.236	2.67	4.6
Q926091		1290	183.0	<0.002	4.56	68.8	9.5	2	8.1	96.8	0.50	1.29	12.0	0.207	2.63	5.4
Q926092		148.0	218	<0.002	1.08	29.8	10.9	1	1.9	119.5	0.59	<0.05	13.0	0.247	2.95	4.8
Q926093		512	224	<0.002	4.95	29.9	10.6	<1	4.7	71.0	0.57	<0.05	12.6	0.229	2.42	6.0
Q926094		2.5	1.7	<0.002	0.01	0.15	0.1	1	0.2	44.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q926095		2420	251	<0.002	3.08	22.8	12.7	1	5.9	70.6	0.67	<0.05	13.8	0.288	2.81	4.8
Q926096		573	242	<0.002	1.93	45.4	11.1	1	2.8	104.5	0.54	<0.05	12.9	0.245	2.98	4.4
Q926097		129.5	219	<0.002	1.93	20.3	10.6	1	2.2	95.7	0.51	<0.05	11.5	0.249	2.94	6.2
Q926098		1620	158.5	0.003	7.76	108.5	8.3	2	10.9	62.6	0.36	0.68	8.9	0.167	2.30	5.3
Q926099		557	161.5	<0.002	1.97	59.6	10.6	1	2.4	101.5	0.56	<0.05	11.2	0.242	2.35	4.8
Q926100		133.5	109.0	<0.002	0.34	16.80	11.5	1	1.8	166.0	0.63	<0.05	11.4	0.280	2.21	3.7
Q926101		26.2	119.5	<0.002	0.14	12.75	9.3	1	1.5	140.0	0.50	<0.05	11.3	0.207	1.81	4.2
Q926102		29.2	123.5	<0.002	0.15	13.05	9.8	1	1.5	147.5	0.50	<0.05	12.0	0.220	1.87	4.2
Q926103		65.4	112.0	<0.002	0.25	41.2	7.9	1	1.4	513	0.67	<0.05	9.0	0.369	1.65	5.7
Q926104		87.2	121.0	0.002	0.20	38.2	9.4	2	6.5	196.0	0.57	<0.05	12.2	0.214	2.05	9.4
Q926105		25.8	106.0	<0.002	0.16	19.20	11.1	1	1.8	123.5	0.80	<0.05	11.7	0.279	1.88	4.9
Q926106		36.1	124.0	<0.002	0.13	8.53	10.9	1	1.7	300	0.78	<0.05	12.6	0.279	1.58	4.2
Q926107		155.5	162.0	<0.002	1.06	18.85	11.2	<1	2.3	173.5	0.76	<0.05	12.6	0.278	2.86	5.5
Q926108		16.4	109.5	<0.002	0.07	27.1	12.9	1	3.0	210	0.63	<0.05	14.2	0.295	1.38	3.4
Q926109		15.0	99.5	<0.002	0.03	19.60	11.7	1	2.5	166.5	0.61	<0.05	9.9	0.300	1.47	2.1
Q926110		16.6	129.0	<0.002	<0.01	5.84	12.2	1	2.0	200	0.62	<0.05	13.9	0.301	1.39	1.9
Q926111		18.6	129.0	0.002	<0.01	5.37	12.1	1	2.0	256	0.66	<0.05	13.9	0.297	1.33	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110349

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926075		79	2.5	13.5	56	23.7
Q926076		69	4.3	12.3	411	20.9
Q926077		88	6.3	15.1	67	24.5
Q926078		72	5.3	16.3	73	24.1
Q926080		74	4.3	13.9	114	20.9
Q926081		76	3.7	12.3	205	23.9
Q926082		75	9.0	12.6	115	33.6
Q926083		69	7.0	13.5	595	33.1
Q926084		71	6.5	11.8	178	34.8
Q926085		76	2.5	17.6	169	31.4
Q926086		80	2.6	16.0	156	32.3
Q926087		71	3.5	13.1	130	26.7
Q926088		2	0.1	0.8	15	0.5
Q926089		85	4.1	14.0	194	26.9
Q926090		70	4.7	14.1	356	26.2
Q926091		62	6.0	11.1	2350	28.4
Q926092		71	3.8	13.7	1240	26.4
Q926093		74	4.2	10.3	1380	25.0
Q926094		2	0.1	0.7	17	<0.5
Q926095		69	2.1	9.6	4920	33.5
Q926096		70	3.9	12.4	1110	26.6
Q926097		71	3.6	14.3	280	25.0
Q926098		56	8.5	8.7	3330	21.4
Q926099		72	6.3	12.8	2970	24.7
Q926100		82	4.3	13.2	413	26.3
Q926101		61	2.9	12.1	78	22.3
Q926102		64	3.1	13.3	77	22.3
Q926103		75	3.3	13.1	135	158.5
Q926104		68	8.1	11.3	102	26.8
Q926105		77	3.7	12.5	66	28.5
Q926106		81	1.6	13.9	90	30.4
Q926107		83	4.5	13.9	370	30.3
Q926108		90	4.4	18.8	73	27.3
Q926109		87	3.2	14.2	66	26.8
Q926110		85	2.5	14.8	74	26.6
Q926111		83	3.6	15.6	77	29.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110349

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110380

Project: Klaza

P.O. No.: Batch 81

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14110380

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926989		6.79	<0.005	0.17	7.14	18.3	2020	1.66	3.04	2.40	0.15	46.3	8.0	11	10.05	10.6
Q926990		2.59	<0.005	0.15	6.98	16.3	1880	1.56	1.23	2.28	0.11	48.5	7.1	7	10.00	21.2
Q926991		5.32	<0.005	0.25	6.96	23.8	2120	1.59	1.91	2.49	0.12	41.1	8.2	9	10.15	57.6
Q926992		0.32	0.815	11.60	6.24	1520	780	1.36	12.35	1.79	31.5	45.9	17.0	17	13.10	270
Q926993		1.65	0.268	36.7	6.57	1025	1740	1.32	1.72	1.98	5.81	43.2	7.4	7	14.75	201
Q926994		1.94	<0.005	0.18	6.72	24.5	2180	1.57	0.90	2.23	0.08	40.9	8.2	8	19.15	19.9
Q926995		2.21	0.016	0.47	6.95	128.5	1190	1.63	2.05	2.62	0.35	52.8	8.4	7	15.95	18.5
Q926996		6.94	<0.005	0.12	6.95	20.8	2000	1.74	1.34	2.54	0.13	43.4	8.5	8	17.60	25.0
Q926997		2.77	<0.005	0.13	7.25	25.1	2010	1.65	1.16	2.62	0.10	48.3	8.7	9	16.15	31.2
Q926998		3.10	<0.005	0.11	7.92	28.6	1610	1.40	0.46	1.59	0.15	50.3	8.1	9	18.90	41.1
Q926999		1.86	0.055	2.91	7.25	344	1280	1.50	10.45	1.77	1.62	43.7	10.5	9	18.10	42.6
Q927000		5.96	0.239	4.34	6.24	1115	830	1.45	0.64	2.17	6.11	47.6	6.9	9	19.10	39.2
Q927001		4.02	<0.005	0.02	0.09	1.9	20	0.07	0.04	20.8	0.07	1.38	0.7	<1	0.22	2.1
Q927002		3.60	0.202	5.72	6.84	180.5	2210	1.73	1.29	2.72	10.15	62.0	9.2	19	26.9	37.6
Q927003		5.50	<0.005	0.24	7.42	16.7	1980	1.64	0.54	3.58	0.32	52.7	8.0	10	21.2	4.2
Q927004		5.39	<0.005	0.10	7.79	7.5	1120	1.57	0.29	3.28	0.11	49.8	7.6	10	16.85	5.0
Q927005		6.30	0.058	1.76	7.41	113.0	1950	1.33	0.51	3.67	0.88	46.1	8.6	10	18.35	26.1
Q927006		3.35	<0.005	0.08	7.45	7.0	1870	1.72	0.24	3.21	0.13	44.0	7.9	9	23.0	8.2
Q927007		0.31	0.348	4.64	7.07	739	1230	1.39	3.79	2.11	10.15	52.0	12.1	25	14.05	327
Q927008		5.22	<0.005	0.11	7.68	5.7	2290	1.47	0.43	3.02	0.13	44.6	7.4	10	9.65	7.5
Q927009		3.52	<0.005	0.11	7.85	8.0	2240	1.55	0.33	3.00	0.11	50.8	8.8	11	11.65	6.2
Q927010		2.05	0.008	0.48	7.36	23.5	1550	1.34	1.22	3.71	0.11	46.1	12.0	9	12.80	8.8
Q927011		2.72	<0.005	0.11	8.15	5.0	2000	1.35	0.35	2.50	0.06	52.9	7.8	10	12.70	6.1
Q927012		3.34	0.024	0.10	7.46	26.2	1730	1.48	0.51	3.83	0.06	47.9	8.2	8	16.55	4.5
Q927013		4.97	<0.005	0.06	7.98	4.7	2880	1.72	0.22	3.14	0.06	45.4	8.9	10	12.85	4.6
Q927014		<0.02	<0.005	0.05	7.78	5.3	2940	1.66	0.22	3.02	0.07	44.2	8.5	9	12.55	4.4
Q927015		4.14	0.008	0.25	7.97	113.0	2880	1.68	0.37	3.42	0.13	48.1	9.5	8	20.0	5.7
Q927016		2.89	<0.005	0.11	7.99	71.5	690	1.89	0.24	2.36	0.20	73.4	5.1	15	32.6	6.6
Q927017		3.84	<0.005	0.22	8.49	62.3	400	1.85	0.15	2.71	0.29	92.1	10.2	32	40.0	21.7
Q927018		3.10	0.378	16.70	7.42	521	930	1.70	12.90	3.07	10.60	50.9	11.4	8	37.1	218
Q927019		3.79	<0.005	0.03	0.07	0.3	10	0.08	0.04	21.2	0.06	1.21	0.7	<1	0.24	3.3
Q927020		4.25	<0.005	0.21	7.93	11.3	1970	1.50	0.51	3.56	0.28	51.2	7.9	10	19.45	14.3
Q927021		5.88	0.005	0.25	7.87	38.0	2290	1.70	0.36	2.54	0.15	50.6	7.7	10	16.70	46.5
Q927022		3.34	<0.005	0.15	7.25	16.6	2760	1.46	0.44	2.40	0.11	43.2	8.8	9	16.35	34.4
Q927023		3.82	<0.005	0.13	7.33	16.1	2760	1.47	0.44	2.41	0.11	43.8	8.7	9	16.05	33.2
Q927024		1.71	<0.005	0.16	7.70	18.5	2270	1.67	0.46	2.48	0.08	47.4	9.7	8	15.75	55.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14110380

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926989		2.74	17.45	0.17	1.6	0.079	2.52	23.7	11.7	0.72	658	3.18	2.38	8.6	2.5	580
Q926990		2.60	16.30	0.24	1.8	0.076	2.99	25.8	11.3	0.56	592	1.51	1.96	8.1	2.4	480
Q926991		2.67	17.30	0.22	1.7	0.059	2.83	20.3	10.4	0.70	889	1.94	2.04	8.2	2.6	580
Q926992		6.27	15.85	0.13	1.1	0.753	2.69	24.7	19.0	0.73	1780	7.99	0.12	6.4	11.9	510
Q926993		3.21	15.80	0.18	1.6	0.114	3.47	22.1	14.6	0.54	3300	1.83	0.53	7.5	2.1	510
Q926994		2.60	17.15	0.18	1.6	0.050	3.05	20.0	13.5	0.55	797	1.72	1.51	8.3	2.2	570
Q926995		2.60	16.40	0.23	1.6	0.053	2.98	28.9	57.6	0.87	2130	2.16	0.06	7.9	2.6	580
Q926996		2.74	17.55	0.22	1.7	0.065	2.71	21.6	21.0	0.64	648	1.88	1.66	8.7	2.5	590
Q926997		2.79	18.10	0.28	1.7	0.058	2.82	24.6	21.6	0.70	706	1.71	1.63	8.8	2.7	590
Q926998		2.67	16.00	0.17	1.5	0.061	2.78	25.2	67.2	0.59	885	1.72	0.19	8.5	3.1	620
Q926999		3.20	15.60	0.15	1.2	0.053	3.79	21.1	36.3	0.64	2970	2.54	0.15	7.8	3.2	580
Q927000		2.65	13.40	0.17	1.1	0.056	2.43	24.8	142.5	0.75	3950	2.81	0.02	6.8	2.5	450
Q927001		0.48	0.29	0.18	<0.1	<0.005	0.04	0.6	1.6	13.20	220	0.13	0.01	0.3	1.4	180
Q927002		2.90	15.35	0.26	3.0	0.161	1.83	31.7	57.5	0.99	1660	2.14	0.03	9.3	6.6	1060
Q927003		3.42	14.45	0.19	1.1	0.052	2.54	27.3	52.6	1.23	1500	0.30	0.18	7.6	2.8	580
Q927004		3.01	16.30	0.23	1.1	0.042	2.64	24.8	36.7	0.96	907	0.33	0.54	7.9	2.8	650
Q927005		3.20	15.65	0.21	1.1	0.083	2.59	23.0	23.5	0.90	845	0.55	0.77	8.5	2.8	650
Q927006		3.14	15.20	0.24	1.1	0.046	2.72	21.4	132.0	0.80	762	0.41	0.52	7.9	2.7	620
Q927007		5.18	15.00	0.12	1.1	0.317	3.07	28.2	27.3	0.81	1920	14.70	0.16	6.3	14.1	550
Q927008		3.17	15.65	0.18	1.2	0.044	2.94	22.0	12.6	0.88	783	0.71	1.56	7.9	2.8	630
Q927009		3.27	16.10	0.23	1.4	0.048	2.73	24.8	14.9	0.84	850	0.67	1.94	8.1	3.0	660
Q927010		3.81	15.50	0.18	1.1	0.103	3.21	23.4	21.3	0.95	1760	0.66	0.26	7.3	2.5	590
Q927011		3.24	16.35	0.18	1.3	0.049	2.77	26.8	24.0	0.98	795	0.69	0.58	8.4	2.9	660
Q927012		3.90	14.70	0.17	1.3	0.089	2.90	23.4	14.8	0.82	1240	1.03	1.85	8.3	2.5	640
Q927013		3.62	15.60	0.18	1.5	0.051	3.22	20.5	14.3	0.84	1080	0.61	2.26	9.5	3.1	690
Q927014		3.46	15.05	0.22	1.5	0.049	3.16	20.0	13.9	0.81	1040	0.61	2.18	9.1	2.8	680
Q927015		4.36	15.15	0.14	1.6	0.096	3.49	23.3	46.7	1.02	2930	0.50	0.07	8.9	2.6	660
Q927016		2.53	17.85	0.23	3.0	0.034	1.84	36.1	55.4	0.96	1030	1.17	0.03	12.7	3.4	1010
Q927017		3.77	19.90	0.25	5.0	0.044	2.18	46.1	95.6	1.33	1160	1.61	0.04	13.5	11.5	1850
Q927018		4.29	16.25	0.19	1.5	0.234	2.50	26.0	35.5	0.77	1670	12.35	0.28	7.9	4.5	610
Q927019		0.49	0.26	0.21	<0.1	0.006	0.03	0.5	1.4	13.30	211	0.14	0.01	0.2	1.5	190
Q927020		3.36	15.90	0.30	1.4	0.049	2.60	25.4	19.6	0.99	959	1.30	1.49	8.6	2.9	670
Q927021		2.94	16.90	0.26	1.4	0.041	3.22	24.4	29.4	0.77	890	1.36	2.05	8.9	2.6	600
Q927022		3.12	15.15	0.28	1.3	0.094	3.21	20.8	17.5	0.70	754	2.81	1.52	8.0	2.5	610
Q927023		3.16	14.75	0.25	1.3	0.090	3.21	21.4	16.9	0.71	748	3.18	1.50	7.9	2.4	600
Q927024		3.10	16.30	0.29	1.4	0.052	2.85	22.6	14.4	0.76	593	2.48	2.18	8.9	2.8	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14110380

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926989		19.5	101.0	<0.002	0.07	5.65	10.0	1	4.7	324	0.72	0.05	11.5	0.244	1.30	3.5
Q926990		16.6	120.5	<0.002	0.07	5.85	8.7	<1	2.6	266	0.74	<0.05	15.0	0.207	1.45	2.7
Q926991		16.7	114.0	<0.002	0.19	5.80	9.5	<1	2.7	330	0.68	0.06	10.6	0.241	1.46	3.6
Q926992		1290	162.0	<0.002	4.44	64.8	9.1	2	8.1	94.2	0.52	1.13	10.8	0.199	2.53	5.0
Q926993		185.5	171.0	<0.002	1.48	170.0	9.0	1	3.6	127.0	0.63	0.09	11.4	0.215	2.43	4.6
Q926994		14.7	122.0	<0.002	0.29	7.86	9.6	1	2.6	274	0.65	0.06	10.3	0.246	1.97	3.0
Q926995		20.9	150.5	0.002	0.71	30.2	10.8	<1	2.6	116.5	0.61	<0.05	12.2	0.240	2.28	13.1
Q926996		16.9	114.0	<0.002	0.21	7.82	10.3	1	2.7	286	0.73	0.05	10.7	0.250	1.65	4.3
Q926997		17.0	124.5	<0.002	0.22	7.76	10.5	1	2.8	291	0.71	<0.05	12.2	0.247	1.72	5.0
Q926998		15.4	126.5	<0.002	0.27	24.7	11.4	1	2.8	92.7	0.68	0.05	12.6	0.267	1.89	8.1
Q926999		93.0	195.5	<0.002	1.70	45.2	10.3	1	3.1	92.2	0.56	0.13	10.9	0.251	2.96	6.1
Q927000		186.0	136.0	<0.002	1.04	73.3	8.7	1	3.2	150.5	0.53	0.07	11.4	0.207	2.31	10.4
Q927001		1.9	1.8	<0.002	0.01	0.26	0.2	<1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	0.02	0.8
Q927002		820	105.5	<0.002	0.78	34.9	7.8	<1	2.2	526	0.65	0.15	9.4	0.312	2.02	8.5
Q927003		26.1	127.0	0.002	0.24	10.25	10.9	1	1.8	144.5	0.63	0.05	12.2	0.264	1.66	5.3
Q927004		15.5	113.5	<0.002	0.07	7.12	11.5	1	1.8	160.5	0.63	<0.05	11.6	0.274	1.41	2.9
Q927005		324	90.5	<0.002	0.08	10.45	11.8	1	1.9	271	0.66	<0.05	10.9	0.296	1.11	3.5
Q927006		17.4	96.0	<0.002	0.04	8.43	10.8	<1	2.0	239	0.60	<0.05	11.1	0.279	1.20	2.8
Q927007		513	167.5	0.004	2.81	28.9	9.6	1	5.9	113.0	0.51	0.35	11.8	0.214	2.60	5.3
Q927008		18.9	112.0	<0.002	0.02	3.64	11.1	1	1.6	291	0.63	<0.05	10.3	0.278	1.31	2.3
Q927009		18.2	114.5	<0.002	0.05	3.86	12.0	1	1.7	325	0.65	<0.05	12.6	0.290	1.36	4.6
Q927010		17.9	162.5	<0.002	0.58	7.98	10.7	<1	2.2	144.0	0.55	<0.05	10.9	0.264	2.07	9.1
Q927011		17.3	117.0	<0.002	0.05	7.48	12.4	1	1.7	181.0	0.64	<0.05	12.7	0.288	1.22	5.3
Q927012		14.9	123.5	<0.002	0.64	4.73	11.6	1	2.3	293	0.67	<0.05	11.5	0.280	1.53	5.2
Q927013		15.7	124.0	<0.002	0.10	4.63	11.9	1	2.0	328	0.78	<0.05	11.1	0.301	1.57	3.4
Q927014		14.5	120.5	<0.002	0.10	4.62	11.5	1	2.0	317	0.75	<0.05	10.9	0.297	1.49	3.0
Q927015		22.9	169.0	<0.002	1.10	18.05	11.7	1	2.6	253	0.72	<0.05	12.3	0.285	2.53	3.8
Q927016		27.2	73.2	<0.002	0.13	14.75	6.9	1	1.7	350	0.86	<0.05	10.5	0.292	2.31	5.2
Q927017		17.8	107.5	<0.002	0.09	26.4	9.2	<1	1.5	648	0.84	<0.05	10.2	0.454	2.38	4.2
Q927018		804	145.5	0.003	2.30	116.0	11.1	1	4.0	198.0	0.64	0.10	11.8	0.254	1.92	16.0
Q927019		2.6	1.4	<0.002	<0.01	0.21	0.2	<1	<0.2	48.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q927020		25.5	111.0	<0.002	0.08	5.63	12.3	<1	1.9	337	0.71	<0.05	13.0	0.285	1.15	3.5
Q927021		20.5	130.5	<0.002	0.23	9.81	10.5	1	2.7	355	0.73	0.06	12.8	0.262	1.62	4.2
Q927022		15.7	135.0	0.002	0.21	8.25	10.3	1	2.6	266	0.60	<0.05	10.2	0.262	1.84	4.3
Q927023		15.0	134.5	0.002	0.22	8.06	10.1	1	2.5	265	0.59	<0.05	10.2	0.255	1.81	4.2
Q927024		18.9	121.0	0.004	0.29	6.04	12.6	1	2.9	365	0.65	<0.05	11.8	0.289	1.59	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14110380

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926989		68	1.9	15.6	46	43.0
Q926990		58	3.0	13.6	37	44.5
Q926991		67	1.3	14.2	42	45.0
Q926992		60	6.1	11.2	2260	29.3
Q926993		59	3.0	12.4	565	40.2
Q926994		68	1.7	13.5	40	45.3
Q926995		69	3.2	16.7	47	42.0
Q926996		70	2.1	15.4	40	44.5
Q926997		68	2.3	16.5	39	45.7
Q926998		73	4.4	16.5	50	40.7
Q926999		72	7.1	12.4	271	34.4
Q927000		60	4.5	13.3	679	31.8
Q927001		2	0.1	0.8	17	<0.5
Q927002		67	4.2	12.8	943	119.0
Q927003		70	3.4	13.7	98	26.4
Q927004		75	2.0	11.9	56	25.7
Q927005		84	2.0	16.3	154	26.1
Q927006		78	1.8	13.6	61	26.4
Q927007		69	6.0	12.0	895	32.2
Q927008		79	1.2	13.0	68	30.4
Q927009		82	1.4	14.9	61	33.9
Q927010		73	4.8	14.3	67	28.8
Q927011		81	2.8	15.2	59	32.1
Q927012		73	8.9	14.9	71	32.8
Q927013		76	2.3	12.9	68	34.8
Q927014		74	2.4	12.5	66	34.6
Q927015		69	11.0	13.4	67	40.0
Q927016		56	4.9	14.1	73	105.5
Q927017		88	7.5	16.2	97	201
Q927018		71	6.9	12.6	943	41.5
Q927019		2	0.1	0.8	16	0.5
Q927020		82	2.3	17.9	76	33.1
Q927021		69	3.9	16.7	47	41.1
Q927022		68	7.6	14.7	47	38.8
Q927023		68	7.9	14.7	46	36.9
Q927024		84	7.3	16.3	45	37.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14110380

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110381

Project: KLAZA

P.O. No.: Batch 82

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

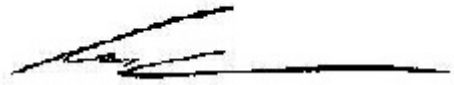
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110381

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927025		5.59	<0.005	0.17	7.92	20.9	1580	1.22	0.45	2.82	0.12	46.4	6.0	11	13.95	4.6
Q927026		2.34	0.087	1.69	7.83	893	990	1.20	1.16	4.10	7.89	35.3	3.3	7	14.30	6.4
Q927027		3.56	0.030	0.72	7.58	172.0	810	1.07	1.17	2.70	0.24	46.5	14.8	8	11.50	4.2
Q927028		3.70	0.006	0.19	7.22	15.0	2160	1.11	0.54	3.09	0.09	43.5	7.7	9	12.70	8.4
Q927029		1.73	0.006	0.26	7.48	17.7	1900	1.06	0.69	3.02	0.07	47.3	10.6	11	12.60	4.8
Q927030		2.56	<0.005	0.13	7.33	20.6	2160	1.51	0.34	2.43	0.13	47.1	7.7	13	8.69	82.8
Q927031		5.50	0.074	0.64	7.52	229	1600	1.48	0.42	2.16	1.32	45.9	6.7	14	14.45	25.9
Q927032		1.60	0.010	0.21	6.90	44.3	1870	1.38	0.43	2.53	0.24	41.6	7.4	11	12.45	34.5
Q927033		4.55	<0.005	0.01	0.06	<0.2	40	0.05	0.02	19.35	0.05	0.98	0.6	1	0.14	1.6
Q927034		1.16	0.341	1.41	6.60	855	1370	1.13	0.43	2.56	4.74	44.8	6.5	16	13.45	20.7
Q927035		2.09	0.224	3.08	7.45	408	1190	1.15	0.42	2.02	13.30	49.1	5.8	12	9.50	23.0
Q927036		1.85	3.20	>100	6.03	7810	300	1.12	0.34	1.09	48.4	45.7	5.0	11	14.80	76.3
Q927037		0.51	0.042	3.00	4.68	91.8	80	1.36	0.09	0.69	0.94	45.8	5.4	29	22.3	11.7
Q927038		1.60	0.713	4.80	6.68	1090	760	1.46	2.47	2.02	8.89	42.4	19.3	17	8.14	11.2
Q927039		3.16	0.019	1.12	7.33	84.0	1620	1.57	0.63	2.12	3.57	41.4	11.8	14	18.50	70.5
Q927040		<0.02	0.021	1.04	7.15	92.5	1630	1.68	0.65	2.16	3.71	43.6	13.9	16	19.65	70.8
Q927041		2.42	0.013	0.62	6.76	303	3990	1.26	1.25	3.71	0.25	45.3	15.5	9	13.40	17.8
Q927042		5.62	0.008	0.31	6.78	29.6	2670	1.51	0.64	2.15	0.17	40.7	13.9	19	14.50	65.5
Q927043		1.18	0.958	6.46	6.77	2040	1370	1.40	0.99	2.34	13.35	58.1	15.2	17	18.75	67.9
Q927044		1.77	<0.005	0.14	7.29	51.8	450	1.48	0.09	3.50	0.19	67.1	10.3	45	22.8	21.0
Q927045		3.15	0.015	0.51	6.56	105.5	2670	1.33	0.83	2.46	0.38	37.6	12.0	14	12.85	14.9
Q927046		0.28	0.358	4.55	6.78	722	860	1.35	3.50	2.08	10.85	50.2	12.3	25	13.90	310
Q927047		2.98	<0.005	0.19	6.60	14.1	2200	1.35	0.40	2.77	0.15	36.6	6.7	14	15.75	27.7
Q927048		2.40	0.134	3.21	6.44	204	2270	1.31	1.01	2.63	0.35	40.9	9.1	10	10.85	21.7
Q927049		3.29	0.017	0.93	8.18	27.5	2050	1.29	0.28	0.34	5.10	50.3	8.8	13	14.70	20.7
Q927050		2.26	0.018	1.53	6.46	46.4	2400	1.11	1.35	2.15	1.14	32.7	8.9	15	10.15	67.4
Q927051		4.73	<0.005	0.01	0.07	<0.2	20	0.06	0.02	20.6	0.06	1.15	0.7	1	0.14	1.8
Q927052		1.75	<0.005	0.14	7.95	11.3	2310	1.20	0.17	1.14	0.13	48.0	7.8	13	14.95	20.7
Q927053		3.89	<0.005	0.11	7.32	8.1	2390	1.45	0.18	2.55	0.10	47.3	7.6	15	13.10	16.9
Q927054		3.89	<0.005	0.12	7.24	9.6	2270	1.55	0.19	2.65	0.11	47.2	7.8	12	13.85	37.6
Q927055		4.57	<0.005	0.22	7.23	15.7	2160	1.48	0.22	2.29	0.17	43.3	7.8	14	14.15	21.9
Q927056		0.27	0.881	11.50	6.60	1585	770	1.43	12.35	1.91	33.0	46.4	18.0	21	13.95	287
Q927057		3.94	<0.005	0.15	7.77	30.1	2200	1.47	0.15	1.43	0.12	46.4	8.6	15	17.90	12.1
Q927058		3.20	<0.005	0.10	7.57	8.8	2150	1.60	0.15	1.92	0.11	49.4	8.1	13	16.90	14.6
Q927059		6.25	<0.005	0.10	7.03	10.9	2120	1.33	0.14	2.77	0.09	33.8	8.8	11	17.70	29.3
Q927060		4.14	<0.005	0.14	7.79	17.8	2180	1.18	0.17	1.43	0.15	49.2	7.1	12	18.10	30.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110381

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927025		4.86	17.70	0.17	1.2	0.250	4.07	23.7	19.8	0.94	2910	0.94	0.11	8.1	2.5	670
Q927026		5.00	18.05	0.14	1.2	0.344	3.91	15.8	22.3	0.91	10350	0.90	0.03	7.1	3.1	540
Q927027		5.85	18.40	0.16	1.5	0.339	3.93	23.0	11.6	0.80	5810	0.44	0.02	8.8	2.4	630
Q927028		3.74	16.15	0.16	1.4	0.210	3.94	21.3	23.1	0.83	2520	0.72	0.24	8.1	2.5	630
Q927029		3.93	15.55	0.16	1.4	0.207	3.82	24.0	21.8	0.86	2470	0.82	0.22	7.9	2.3	610
Q927030		2.67	16.05	0.15	1.5	0.042	2.60	24.2	12.5	0.74	483	2.15	2.24	7.6	3.1	550
Q927031		2.80	15.75	0.14	1.2	0.086	3.24	23.5	43.3	0.67	1840	2.70	0.69	7.4	2.5	560
Q927032		2.79	15.15	0.18	1.1	0.049	3.00	19.1	24.1	0.71	1580	2.08	1.28	6.9	2.5	550
Q927033		0.43	0.17	0.08	<0.1	0.005	0.02	0.5	1.1	12.10	192	0.11	0.01	0.1	1.2	190
Q927034		3.93	13.80	0.12	1.0	0.096	3.13	24.8	14.4	0.78	7390	3.22	0.55	6.3	2.5	500
Q927035		3.67	15.50	0.16	1.3	0.159	3.32	26.5	11.4	0.65	2630	2.44	0.68	7.6	2.5	590
Q927036		4.04	13.40	0.14	1.2	0.196	2.57	25.2	28.6	0.41	2740	9.75	0.02	6.2	3.0	460
Q927037		1.69	12.05	0.12	2.4	0.026	1.34	24.1	64.3	0.39	2050	11.85	0.02	6.0	8.0	890
Q927038		3.94	15.55	0.15	1.6	0.141	3.27	22.6	13.6	0.73	6180	5.43	0.02	6.2	4.2	600
Q927039		3.03	16.60	0.14	1.3	0.088	3.41	20.6	95.5	0.74	2710	3.83	0.47	7.7	2.5	560
Q927040		3.02	16.50	0.08	1.4	0.095	3.47	20.7	92.3	0.74	2780	2.71	0.47	8.4	2.6	570
Q927041		3.82	16.70	0.10	1.3	0.225	3.84	21.7	24.6	1.19	2900	1.42	0.38	8.1	2.6	590
Q927042		2.88	15.40	0.12	1.5	0.083	3.36	19.8	16.5	0.66	880	2.36	1.72	8.0	2.3	570
Q927043		4.54	15.45	0.09	2.0	0.184	3.00	29.6	35.2	1.03	3220	12.20	0.03	7.7	8.7	760
Q927044		3.44	18.40	0.10	4.1	0.032	1.45	32.2	268	1.38	940	1.18	0.04	11.1	16.0	1730
Q927045		3.12	14.95	0.09	1.3	0.172	3.79	18.2	48.4	0.73	2320	2.14	0.43	7.0	2.4	540
Q927046		5.06	15.50	0.07	1.2	0.288	2.95	28.9	24.8	0.80	1960	13.00	0.15	6.3	14.5	530
Q927047		2.77	16.00	0.12	1.5	0.059	2.95	17.2	15.7	0.71	718	1.57	1.76	8.1	2.3	580
Q927048		3.39	14.55	0.11	1.3	0.103	3.40	19.7	28.8	0.76	4360	3.18	0.43	7.5	2.1	530
Q927049		3.27	18.00	0.07	1.2	0.091	3.01	25.5	37.6	0.17	1280	1.39	0.14	9.1	2.7	690
Q927050		3.24	16.40	0.08	1.2	0.076	2.45	15.0	33.6	0.40	1360	1.20	0.08	8.4	3.2	600
Q927051		0.46	0.25	0.12	<0.1	0.008	0.02	0.5	1.2	12.75	209	0.13	0.01	0.1	1.5	200
Q927052		3.10	18.20	0.17	1.2	0.040	2.90	23.9	33.1	0.27	821	1.20	0.31	9.4	2.7	660
Q927053		2.95	16.30	0.14	1.1	0.040	2.82	22.8	18.4	0.83	647	1.05	2.35	8.3	2.7	630
Q927054		2.97	16.40	0.11	1.1	0.047	2.68	22.5	21.7	0.74	683	0.81	2.30	8.2	2.8	610
Q927055		2.98	16.60	0.08	1.2	0.037	2.73	20.7	25.2	0.45	701	1.04	1.48	8.4	3.1	640
Q927056		6.45	15.30	0.07	1.1	0.778	2.87	23.8	18.8	0.79	1880	8.58	0.13	6.6	12.1	540
Q927057		3.21	17.85	0.08	1.2	0.044	2.88	22.7	25.5	0.23	1080	1.47	0.69	8.9	3.0	690
Q927058		3.13	17.05	0.08	1.2	0.042	2.77	24.2	18.8	0.44	597	1.32	1.47	8.5	2.9	650
Q927059		3.06	17.30	0.10	1.2	0.039	2.50	15.7	21.6	0.35	967	2.06	1.04	8.1	3.7	630
Q927060		2.99	17.10	0.09	1.2	0.045	2.87	25.0	27.8	0.34	779	2.17	0.28	8.3	2.7	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110381

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927025		9.1	217	<0.002	0.39	10.70	11.3	1	3.2	90.5	0.60	<0.05	12.4	0.290	3.72	9.7
Q927026		149.0	232	<0.002	2.44	29.9	8.9	1	3.8	103.0	0.60	<0.05	10.2	0.229	3.70	4.4
Q927027		18.1	217	<0.002	2.50	12.45	10.5	1	3.0	37.6	0.76	0.12	12.8	0.272	3.94	4.1
Q927028		7.8	171.5	<0.002	0.53	9.00	10.2	2	3.4	101.5	0.68	<0.05	11.9	0.260	3.24	6.2
Q927029		10.3	186.0	<0.002	0.84	8.45	10.2	2	2.8	95.0	0.65	0.10	12.5	0.258	3.16	6.3
Q927030		18.7	110.5	<0.002	0.28	1.89	10.1	2	2.3	375	0.65	<0.05	13.7	0.239	1.25	4.6
Q927031		81.2	172.0	0.002	0.58	21.4	9.9	1	2.4	176.5	0.62	<0.05	13.3	0.244	2.66	6.7
Q927032		21.3	136.5	<0.002	0.31	12.15	9.2	1	2.1	243	0.55	<0.05	11.7	0.236	1.98	6.2
Q927033		1.5	1.2	<0.002	0.01	0.09	0.1	<1	<0.2	42.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q927034		155.0	164.0	0.002	1.84	34.6	9.1	1	2.3	120.5	0.50	<0.05	12.8	0.213	2.51	8.4
Q927035		323	207	<0.002	2.03	17.75	10.2	1	3.4	135.5	0.61	<0.05	13.6	0.254	2.79	6.6
Q927036		4740	175.5	<0.002	3.59	586	8.9	1	14.3	115.0	0.50	<0.05	12.0	0.221	2.62	7.2
Q927037		153.0	71.4	0.003	0.16	148.0	5.1	1	1.3	1240	0.36	<0.05	5.2	0.260	1.15	32.6
Q927038		498	214	0.003	2.78	52.6	9.9	1	3.0	34.6	0.49	0.16	10.8	0.254	3.10	25.9
Q927039		183.0	154.0	<0.002	0.83	47.4	10.0	1	3.1	137.5	0.65	<0.05	11.6	0.248	2.59	6.1
Q927040		179.0	133.0	<0.002	0.91	45.5	9.3	1	3.1	130.5	0.65	0.05	11.5	0.259	2.44	6.4
Q927041		18.0	133.5	<0.002	0.63	20.4	8.9	1	3.2	130.5	0.65	<0.05	10.5	0.258	2.66	6.1
Q927042		18.8	118.0	<0.002	0.48	6.73	8.9	1	2.6	308	0.65	<0.05	10.8	0.244	1.72	3.5
Q927043		587	161.5	0.002	2.76	61.2	8.9	1	6.6	200	0.60	<0.05	11.5	0.265	3.33	9.6
Q927044		13.2	45.5	<0.002	0.05	32.9	7.9	1	1.3	847	0.66	<0.05	6.9	0.445	1.14	3.5
Q927045		27.2	143.5	<0.002	0.40	13.40	8.2	<1	2.4	140.5	0.57	<0.05	9.9	0.230	2.49	4.1
Q927046		471	159.0	0.004	2.75	28.8	8.8	1	5.6	109.5	0.52	0.32	11.5	0.205	2.43	5.4
Q927047		16.4	99.4	<0.002	0.10	5.89	8.5	1	2.3	309	0.63	<0.05	8.7	0.248	1.57	3.4
Q927048		119.5	134.0	<0.002	1.06	23.7	8.4	<1	2.0	112.5	0.61	<0.05	10.5	0.228	2.20	6.2
Q927049		28.7	135.0	<0.002	0.07	32.2	10.8	1	2.3	62.0	0.70	<0.05	13.7	0.296	1.53	3.7
Q927050		43.4	84.6	<0.002	0.18	43.7	9.5	1	1.9	76.6	0.63	<0.05	9.0	0.268	1.17	3.4
Q927051		1.2	1.0	<0.002	0.01	0.11	0.2	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q927052		18.6	118.0	<0.002	0.01	21.0	11.5	1	2.2	93.0	0.72	<0.05	13.4	0.301	1.24	3.5
Q927053		17.9	96.2	<0.002	0.01	1.11	9.4	1	1.7	402	0.66	<0.05	12.1	0.259	1.09	2.4
Q927054		17.7	98.5	<0.002	0.02	1.82	9.5	<1	1.7	379	0.63	<0.05	11.5	0.260	1.07	2.1
Q927055		20.9	98.1	<0.002	0.02	9.55	9.4	<1	2.3	274	0.64	<0.05	10.9	0.266	1.17	2.9
Q927056		1290	159.0	<0.002	4.74	65.3	8.9	1	7.9	95.6	0.54	1.16	11.4	0.208	2.61	5.5
Q927057		20.1	117.5	<0.002	0.02	16.15	10.7	1	2.1	145.5	0.66	<0.05	12.5	0.284	1.38	3.1
Q927058		18.3	107.5	<0.002	0.01	9.17	10.4	1	1.9	253	0.64	<0.05	12.6	0.276	1.22	2.4
Q927059		19.6	80.1	<0.002	<0.01	6.76	9.1	1	3.8	234	0.62	<0.05	9.6	0.263	1.11	3.1
Q927060		17.2	114.5	<0.002	0.02	22.4	10.7	1	2.3	97.3	0.60	<0.05	12.7	0.276	1.43	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110381

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
Q927025		76	9.4	13.9	98	33.6	
Q927026		70	8.4	14.0	648	32.4	
Q927027		71	12.5	12.6	108	42.1	
Q927028		64	5.3	14.0	64	42.0	
Q927029		62	5.2	14.2	59	37.9	
Q927030		66	4.4	15.8	39	45.5	
Q927031		66	4.2	13.2	155	31.7	
Q927032		64	4.2	13.2	49	31.3	
Q927033		2	0.3	0.6	14	<0.5	
Q927034		61	4.4	13.9	576	26.9	
Q927035		64	5.6	12.9	1020	34.1	
Q927036		54	5.4	8.7	3800	31.8	149
Q927037		55	3.7	11.4	83	108.5	
Q927038		68	3.8	11.9	849	57.4	
Q927039		68	6.9	12.8	412	34.7	
Q927040		71	6.9	13.0	403	38.5	
Q927041		66	4.8	13.8	86	35.4	
Q927042		65	4.1	13.6	53	40.2	
Q927043		70	9.1	13.6	1150	67.2	
Q927044		86	2.5	12.8	93	170.5	
Q927045		60	5.4	11.6	87	36.8	
Q927046		66	5.5	12.4	866	31.3	
Q927047		67	3.6	12.8	41	43.6	
Q927048		61	4.3	12.9	95	34.9	
Q927049		79	7.1	16.1	1260	31.0	
Q927050		72	3.0	12.7	153	31.0	
Q927051		2	0.1	0.7	16	<0.5	
Q927052		84	3.0	16.4	69	34.0	
Q927053		72	1.0	15.8	53	28.2	
Q927054		73	1.1	15.6	51	29.4	
Q927055		73	2.0	15.2	57	32.8	
Q927056		64	6.1	11.4	2380	30.4	
Q927057		80	4.4	15.6	63	33.1	
Q927058		77	1.7	16.4	55	29.6	
Q927059		75	1.6	14.1	55	35.5	
Q927060		74	3.4	14.8	57	30.4	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110381

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110382

Project: KLAZA

P.O. No.: Batch 83

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

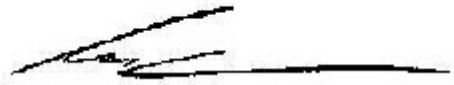
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110382

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927061		5.69	0.008	0.44	6.29	125.0	6200	1.46	0.36	2.15	0.68	38.6	9.0	8	18.85	14.3
Q927062		4.85	<0.005	0.02	0.07	1.5	130	0.06	0.08	20.0	0.08	1.36	0.7	1	0.14	3.2
Q927063		3.84	<0.005	0.17	8.05	11.6	1480	1.25	0.37	1.05	0.32	52.0	6.2	10	18.15	23.5
Q927064		2.48	<0.005	0.26	7.14	29.7	2250	1.28	0.49	1.50	0.24	42.2	7.2	8	19.75	22.6
Q927065		3.81	<0.005	0.14	7.58	9.8	2330	1.74	0.54	2.52	0.13	49.6	7.2	10	13.60	14.9
Q927066		5.85	<0.005	0.33	7.00	69.7	1880	1.37	0.61	2.20	0.21	40.6	6.9	9	18.20	22.2
Q927067		0.31	0.363	4.90	6.92	735	500	1.49	3.53	2.09	10.55	51.6	11.7	24	13.10	317
Q927068		2.67	<0.005	0.29	7.01	58.8	2220	1.47	0.97	1.84	0.21	38.8	6.2	10	15.25	18.8
Q927069		4.14	<0.005	0.20	7.87	21.1	2330	1.90	1.31	2.18	0.22	54.0	7.4	15	14.15	27.0
Q927070		5.31	<0.005	0.39	6.48	75.2	1580	1.68	0.51	2.69	0.23	34.8	8.4	7	19.70	43.6
Q927071		<0.02	<0.005	0.33	6.81	77.7	1630	1.82	0.89	2.82	0.21	39.9	8.1	9	19.80	44.8
Q927072		4.51	<0.005	0.29	7.07	58.2	1020	1.49	0.91	1.81	0.13	49.7	7.1	7	16.50	36.1
Q927073		2.16	<0.005	0.17	6.84	24.1	1430	1.28	0.49	2.35	0.25	40.9	6.4	7	15.10	11.8
Q927074		5.32	<0.005	0.17	7.62	31.4	1830	1.43	0.41	1.91	0.24	41.6	6.4	8	20.3	12.6
Q927075		4.54	<0.005	0.26	7.03	52.8	1840	1.60	0.30	2.48	0.36	44.1	7.7	9	14.30	7.8
Q927076		5.84	<0.005	0.26	7.38	16.4	2160	1.67	0.54	2.29	0.20	48.3	4.9	9	13.00	10.4
Q927077		0.31	1.745	38.9	5.64	2530	380	1.25	37.0	1.63	44.5	37.9	15.9	20	9.49	1160
Q927078		2.49	0.381	45.8	6.08	979	850	1.52	0.38	3.46	6.15	48.2	5.0	6	13.30	69.4
Q927079		2.43	<0.005	0.35	6.74	20.1	4470	1.42	0.81	3.11	0.24	45.3	6.4	8	14.50	2.9
Q927080		1.99	1.640	>100	5.35	1525	1050	1.13	1.17	3.27	50.0	36.7	4.8	2	13.30	695
Q927081		4.82	<0.005	0.27	0.05	1.4	20	<0.05	0.03	20.3	0.07	1.02	0.6	1	0.12	2.5
Q927082		2.53	0.066	8.95	7.20	113.0	1860	1.49	0.48	2.41	9.12	55.3	4.9	9	14.70	17.2
Q927083		4.01	0.005	0.37	8.49	17.8	1300	1.78	1.21	3.47	0.35	54.5	10.6	7	14.35	4.4
Q927084		2.20	0.028	0.54	8.39	44.2	350	1.68	1.05	4.82	0.92	66.1	5.8	7	30.8	6.0
Q927085		3.49	<0.005	0.29	6.64	15.8	770	1.29	0.46	4.36	0.31	50.2	3.7	7	17.10	2.7
Q927086		5.26	<0.005	0.25	7.19	21.9	3340	1.49	0.67	2.78	0.17	55.5	4.2	9	13.90	7.6
Q927087		1.96	<0.005	0.21	7.29	20.0	3060	1.45	0.65	2.99	0.19	57.8	4.6	9	14.20	2.3
Q927088		2.39	0.027	0.73	9.66	30.4	1210	2.26	4.20	6.85	0.75	127.5	18.7	8	21.8	1.9
Q927089		5.23	<0.005	0.19	6.68	10.1	1700	1.28	0.63	3.55	0.21	49.6	6.3	9	10.95	1.2
Q927090		2.12	<0.005	0.72	8.72	9.8	400	1.96	0.95	3.05	0.14	44.6	3.7	8	31.0	4.3
Q927091		5.53	<0.005	0.15	7.26	13.8	1930	1.52	0.69	2.68	0.15	53.6	7.6	11	16.80	3.0
Q927092		4.86	0.006	0.29	8.65	38.1	5860	1.89	1.44	4.43	0.15	62.0	10.7	7	46.0	2.0
Q927093		3.79	0.031	0.76	5.64	90.9	370	1.25	1.49	5.61	0.94	44.9	12.6	6	18.25	5.6
Q927094		7.11	<0.005	0.14	7.28	18.3	2150	1.58	0.36	2.55	0.14	47.3	7.1	10	14.90	13.5
Q927095		1.39	<0.005	1.54	6.83	27.5	1600	1.38	0.41	1.76	0.27	47.6	6.4	8	17.15	47.4
Q927096		1.39	0.260	46.6	5.10	428	790	1.22	0.47	3.04	23.5	40.2	7.5	7	14.25	122.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927061		3.37	15.60	0.14	1.0	0.135	2.50	18.4	64.0	0.45	1590	2.03	0.34	6.7	3.6	550
Q927062		0.46	0.30	0.33	<0.1	<0.005	0.03	0.7	1.2	12.95	201	0.14	0.01	0.2	2.6	200
Q927063		2.82	17.55	0.31	1.1	0.051	2.03	27.4	70.4	0.44	1040	0.88	0.06	8.3	2.7	710
Q927064		3.03	16.05	0.25	1.1	0.056	2.59	19.5	58.4	0.31	1220	1.51	0.06	7.3	3.0	620
Q927065		3.05	16.90	0.25	1.1	0.049	2.81	23.7	18.2	0.80	682	1.09	2.32	7.8	2.8	650
Q927066		3.04	16.45	0.22	1.1	0.052	2.96	18.3	36.2	0.42	1080	2.50	0.47	7.8	3.0	650
Q927067		5.16	15.60	0.14	1.1	0.299	3.03	29.4	26.5	0.81	1870	15.70	0.16	6.1	14.9	540
Q927068		2.89	16.25	0.18	1.2	0.061	2.93	17.4	44.8	0.36	694	0.92	0.45	8.1	2.6	630
Q927069		3.46	17.40	0.20	1.3	0.089	3.06	26.1	12.9	0.74	694	1.66	2.22	8.6	3.7	700
Q927070		3.35	16.00	0.18	1.0	0.093	3.10	15.2	26.1	0.59	1330	1.00	0.13	7.5	3.1	660
Q927071		3.44	15.65	0.17	1.1	0.092	3.16	18.0	24.6	0.62	1360	1.09	0.14	7.4	3.2	670
Q927072		3.11	15.10	0.17	1.4	0.115	3.58	24.8	28.0	0.49	1060	1.54	0.11	7.7	2.6	550
Q927073		2.99	15.50	0.16	1.0	0.050	3.21	19.4	40.5	0.64	1170	0.81	0.14	6.9	2.6	590
Q927074		2.88	17.00	0.17	1.3	0.050	3.33	18.9	41.6	0.40	815	1.55	0.36	8.4	2.6	650
Q927075		2.90	15.55	0.21	1.1	0.065	2.86	20.7	11.0	0.68	968	3.39	1.85	7.7	3.2	630
Q927076		3.15	16.30	0.21	1.0	0.076	3.01	22.8	16.4	0.71	831	1.71	1.92	8.0	2.9	680
Q927077		8.71	14.05	0.11	0.9	1.480	2.58	19.2	16.7	0.68	2300	16.95	0.06	4.7	14.7	450
Q927078		3.91	13.50	0.12	0.8	0.092	2.61	26.5	27.9	1.13	5430	1.84	0.17	6.2	2.9	510
Q927079		3.31	14.75	0.12	1.0	0.096	2.83	22.3	34.0	1.03	1460	0.82	0.05	7.7	2.8	620
Q927080		4.84	11.10	0.08	0.7	0.154	2.42	18.2	26.8	1.10	15950	1.30	0.02	5.2	2.4	450
Q927081		0.46	0.16	0.10	<0.1	<0.005	0.02	0.5	1.0	12.95	215	0.10	<0.01	0.1	1.5	170
Q927082		2.99	15.05	0.13	1.1	0.091	2.78	27.5	25.6	0.80	1610	0.45	0.97	7.7	2.4	590
Q927083		4.56	18.90	0.15	1.2	0.199	2.50	25.8	31.3	1.16	1710	0.14	2.02	8.7	2.7	710
Q927084		4.79	20.5	0.16	1.2	0.288	3.13	34.6	30.2	1.55	2600	0.14	0.08	8.6	2.9	700
Q927085		3.35	14.85	0.12	0.9	0.163	2.73	26.1	19.1	1.31	1390	0.36	0.64	6.7	2.5	500
Q927086		3.32	15.50	0.19	1.1	0.143	2.57	28.8	18.1	0.86	1060	1.87	1.52	7.6	2.4	580
Q927087		3.35	15.50	0.15	1.2	0.125	2.56	28.9	18.3	0.86	989	3.92	1.78	8.3	2.5	630
Q927088		8.39	32.2	0.22	1.3	0.429	2.50	69.0	29.4	0.90	1960	0.33	1.01	10.3	3.1	830
Q927089		3.65	14.40	0.14	0.9	0.149	1.99	24.9	16.9	0.82	1380	0.37	1.64	7.2	2.6	620
Q927090		3.86	21.6	0.14	1.1	0.178	2.66	20.0	12.3	0.76	985	0.19	2.58	8.8	2.6	730
Q927091		3.42	16.20	0.14	1.0	0.085	2.54	26.6	18.6	0.84	770	0.65	1.49	7.9	2.6	670
Q927092		3.93	20.1	0.17	1.1	0.147	4.21	31.7	14.5	1.43	1160	0.13	0.22	8.1	2.8	680
Q927093		4.34	12.55	0.15	0.7	0.168	2.15	24.6	17.0	1.26	2050	1.66	0.41	5.2	2.7	440
Q927094		2.93	16.05	0.15	0.9	0.072	2.74	22.5	17.6	0.72	660	1.57	1.47	7.6	2.7	640
Q927095		2.55	15.60	0.14	1.2	0.054	3.36	23.0	42.7	0.59	2180	2.45	0.28	7.1	2.2	540
Q927096		2.90	11.20	0.14	1.0	0.208	2.39	21.1	42.9	0.97	5420	6.92	0.04	5.0	3.1	380

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110382

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927061		27.4	118.5	<0.002	0.25	31.8	9.4	1	2.1	140.0	0.52	<0.05	10.3	0.232	2.12	3.9
Q927062		5.4	1.2	<0.002	<0.01	0.12	0.2	<1	<0.2	41.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q927063		20.2	97.0	<0.002	0.05	39.9	11.7	<1	1.9	85.9	0.65	0.05	13.7	0.286	1.03	2.9
Q927064		21.2	112.5	<0.002	0.07	26.7	10.0	1	1.8	81.8	0.60	0.05	10.7	0.255	1.77	3.5
Q927065		20.4	103.5	<0.002	<0.01	2.92	11.0	1	1.6	373	0.63	<0.05	12.6	0.269	1.07	2.2
Q927066		23.1	115.0	<0.002	0.05	20.3	10.4	1	1.8	138.5	0.59	<0.05	10.4	0.266	1.77	3.6
Q927067		497	171.5	0.005	2.76	28.8	9.5	1	5.7	107.0	0.47	0.34	11.7	0.207	2.38	5.3
Q927068		18.4	117.0	<0.002	0.03	17.85	10.4	<1	1.7	134.0	0.66	<0.05	10.8	0.263	1.58	3.4
Q927069		22.4	139.0	<0.002	0.02	6.04	12.2	1	1.8	322	0.71	<0.05	15.0	0.278	1.50	3.2
Q927070		16.0	124.0	<0.002	0.11	20.7	10.1	1	1.8	100.5	0.56	<0.05	8.5	0.266	2.79	4.6
Q927071		16.7	130.5	<0.002	0.11	20.7	10.3	<1	1.8	100.5	0.57	<0.05	9.7	0.269	2.98	4.9
Q927072		16.5	168.0	<0.002	0.10	20.8	9.1	1	1.6	78.6	0.69	<0.05	15.8	0.233	2.72	3.9
Q927073		18.9	117.5	<0.002	0.07	17.95	9.2	<1	1.5	115.5	0.53	<0.05	10.9	0.239	1.89	2.8
Q927074		17.4	145.5	<0.002	0.06	16.60	11.0	<1	1.8	109.5	0.71	<0.05	12.1	0.269	2.07	3.0
Q927075		26.1	122.5	<0.002	0.16	7.78	10.6	1	1.7	238	0.61	<0.05	10.4	0.267	1.76	2.6
Q927076		21.6	126.5	<0.002	0.04	13.90	11.7	1	1.7	270	0.59	0.06	11.5	0.285	1.56	2.3
Q927077		1610	154.0	0.004	7.84	109.5	8.4	2	10.8	61.7	0.38	0.85	9.3	0.168	2.21	5.7
Q927078		1410	173.0	<0.002	1.17	123.0	9.3	1	2.2	78.0	0.48	0.05	11.7	0.215	2.25	6.6
Q927079		15.3	133.5	<0.002	0.40	24.5	10.7	<1	1.6	137.5	0.61	0.05	11.5	0.253	2.32	6.6
Q927080		7110	159.5	<0.002	3.08	961	8.0	1	1.6	86.9	0.40	<0.05	8.1	0.191	2.23	5.5
Q927081		5.3	1.0	<0.002	<0.01	0.88	0.1	1	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q927082		379	144.5	<0.002	0.45	56.5	10.1	1	1.7	166.5	0.64	<0.05	14.3	0.256	2.00	3.5
Q927083		22.2	130.5	<0.002	0.68	14.95	11.8	1	2.1	205	0.72	0.13	14.5	0.295	2.28	4.6
Q927084		64.3	179.0	<0.002	0.51	18.75	12.0	1	2.7	106.0	0.65	<0.05	15.7	0.282	2.90	15.4
Q927085		19.8	161.0	<0.002	0.26	12.30	8.8	1	1.6	113.0	0.56	<0.05	13.4	0.215	2.52	8.1
Q927086		14.7	148.5	<0.002	0.23	7.94	10.2	1	2.1	218	0.66	0.05	14.9	0.246	2.21	5.2
Q927087		16.5	145.5	<0.002	0.20	7.05	10.8	1	2.1	226	0.69	<0.05	16.0	0.263	2.24	4.8
Q927088		273	147.5	<0.002	0.67	24.4	13.3	2	5.8	591	0.84	0.23	19.1	0.354	2.33	5.6
Q927089		15.4	112.0	<0.002	0.19	5.96	10.9	1	2.2	170.5	0.54	<0.05	12.2	0.254	1.81	4.2
Q927090		14.3	146.0	<0.002	0.08	10.55	12.4	1	1.9	187.5	0.69	<0.05	12.4	0.312	2.66	3.4
Q927091		23.1	130.0	<0.002	0.13	6.28	11.4	1	1.9	229	0.59	<0.05	13.1	0.282	2.02	3.3
Q927092		10.8	237	<0.002	0.36	12.35	11.5	1	2.1	161.0	0.64	<0.05	14.2	0.288	3.82	12.9
Q927093		145.5	125.5	<0.002	1.48	13.60	7.5	1	1.7	141.0	0.41	0.09	10.2	0.186	2.02	14.1
Q927094		18.7	110.5	<0.002	0.13	7.46	10.8	1	2.1	255	0.56	<0.05	11.3	0.270	1.50	4.2
Q927095		25.7	144.5	<0.002	0.10	21.9	9.3	1	1.3	118.0	0.59	<0.05	17.5	0.228	2.05	3.0
Q927096		1870	136.5	<0.002	1.23	179.0	7.8	<1	1.3	84.0	0.42	<0.05	11.8	0.159	2.15	7.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110382

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
Q927061		64	5.2	12.4	89	23.5	
Q927062		2	0.1	0.7	15	<0.5	
Q927063		73	6.9	15.7	80	25.4	
Q927064		74	4.9	12.9	71	25.3	
Q927065		75	2.2	16.1	60	27.0	
Q927066		77	4.6	15.1	64	26.1	
Q927067		68	5.5	11.7	895	29.4	
Q927068		74	5.6	13.0	62	27.4	
Q927069		80	3.6	16.8	61	30.5	
Q927070		77	4.8	12.4	83	25.4	
Q927071		78	5.2	12.9	83	25.2	
Q927072		61	4.8	12.3	76	33.1	
Q927073		68	3.5	12.5	88	24.3	
Q927074		77	3.3	15.0	91	28.5	
Q927075		77	2.5	14.6	111	24.8	
Q927076		83	2.8	15.3	88	24.0	
Q927077		56	7.3	8.8	3300	22.0	
Q927078		65	4.0	14.2	928	19.5	
Q927079		74	3.1	13.6	92	25.5	
Q927080		53	2.5	11.1	6480	17.3	361
Q927081		2	0.1	0.7	17	<0.5	
Q927082		68	1.8	13.6	1300	25.9	
Q927083		82	5.5	16.4	97	29.4	
Q927084		89	9.9	19.0	155	28.1	
Q927085		61	2.4	14.4	74	24.0	
Q927086		67	4.0	14.4	73	28.7	
Q927087		69	3.9	14.2	71	29.8	
Q927088		137	6.5	25.9	137	32.7	
Q927089		65	13.1	13.8	81	21.3	
Q927090		89	13.6	13.7	61	24.1	
Q927091		77	3.3	14.6	53	25.5	
Q927092		90	6.6	16.3	68	27.6	
Q927093		61	4.0	17.2	116	20.1	
Q927094		73	2.4	14.9	49	22.7	
Q927095		63	1.9	14.5	77	32.0	
Q927096		58	3.2	12.1	3190	21.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110382

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110383

Project: KLAZA

P.O. No.: Batch 84

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

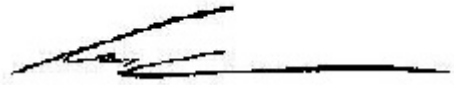
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110383

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927097		3.94	<0.005	0.19	7.35	11.5	1920	1.49	0.47	2.58	0.09	46.1	6.8	9	21.1	13.1
Q927098		3.11	<0.005	0.06	8.11	8.3	2410	1.62	0.21	2.46	0.13	40.9	6.6	11	15.40	7.1
Q927099		4.00	<0.005	0.69	7.24	16.3	1890	1.58	1.63	2.80	0.22	39.0	5.1	9	20.6	16.7
Q927100		2.82	<0.005	0.10	7.56	9.8	2230	1.52	0.14	2.88	0.15	45.2	7.1	9	14.90	10.6
Q927101		1.06	<0.005	0.12	7.08	9.9	2460	1.60	0.15	3.09	0.16	39.2	7.4	9	15.10	13.5
Q927102		3.31	0.042	1.99	7.03	109.0	2270	1.51	0.71	3.98	2.84	54.8	8.1	8	20.3	28.4
Q927103		5.19	<0.005	0.09	7.52	10.5	1500	1.21	0.17	2.04	0.18	41.1	7.4	10	17.05	12.7
Q927104		3.47	<0.005	0.26	7.31	19.6	1900	1.54	0.23	2.43	0.23	43.3	7.7	8	18.15	13.1
Q927105		2.27	0.046	1.94	7.95	87.5	2200	1.72	0.53	1.89	4.84	50.2	9.9	10	23.4	16.5
Q927106		3.52	<0.005	0.10	6.49	11.3	420	1.82	0.13	2.44	0.17	50.3	4.7	30	19.75	14.6
Q927107		4.51	0.007	0.13	6.77	50.8	310	1.86	0.19	2.35	0.23	52.7	5.1	31	17.40	14.0
Q927108		0.25	0.351	4.27	6.45	685	990	1.37	3.88	1.97	10.05	50.4	11.6	25	12.85	304
Q927109		2.55	<0.005	0.58	7.38	81.9	1170	1.61	0.23	0.84	7.97	50.6	8.2	8	23.0	15.2
Q927110		5.77	0.020	0.28	6.69	43.0	2030	1.52	0.18	2.45	0.28	41.3	7.7	9	18.65	12.9
Q927111		4.24	<0.005	0.07	7.27	14.2	2240	1.65	0.17	2.65	0.11	49.4	8.5	10	10.40	10.4
Q927112		0.23	0.897	11.85	6.16	1345	860	1.45	12.00	1.78	32.3	46.4	17.2	18	13.10	274
Q927113		5.62	<0.005	0.10	7.07	16.4	2150	1.45	0.18	2.59	0.10	44.1	7.8	11	9.87	8.3
Q927114		2.11	1.345	12.00	6.17	1615	1580	1.34	0.27	3.13	18.45	42.0	7.9	6	17.90	22.6
Q927115		5.98	<0.005	0.15	6.97	15.7	2180	1.70	0.21	2.44	0.16	45.8	7.3	9	10.25	22.4
Q927116		3.25	<0.005	0.40	6.58	19.6	2320	1.54	0.25	2.38	4.51	38.1	8.0	10	15.60	10.9
Q927117		2.15	<0.005	0.61	6.48	43.6	2770	1.60	0.33	2.67	6.00	34.8	7.8	9	20.1	16.3
Q927118		4.99	<0.005	0.17	7.12	13.5	2340	1.66	0.32	2.69	0.22	45.6	8.3	10	11.60	15.1
Q927119		2.47	<0.005	0.22	6.81	18.0	3000	1.09	0.39	2.00	0.51	36.1	7.3	8	13.80	27.2
Q927120		6.11	<0.005	0.27	7.47	17.7	2360	1.63	0.37	2.68	0.50	47.6	8.5	10	11.20	10.7
Q927121		3.90	<0.005	0.17	7.22	13.7	2180	1.58	0.22	2.63	0.24	50.1	7.6	10	10.80	8.4
Q927122		1.94	0.057	3.42	6.34	219	1630	1.62	0.24	2.14	13.25	45.2	7.6	7	20.0	10.4
Q927123		<0.02	0.055	3.54	6.43	235	1540	1.73	0.20	2.17	13.00	48.4	8.0	7	20.5	10.1
Q927124		5.07	0.166	4.07	7.05	418	1870	1.68	1.65	2.27	1.92	52.9	7.1	9	12.60	65.7
Q927125		5.10	<0.005	0.02	0.07	<0.2	30	0.09	0.02	20.1	0.06	1.31	0.7	1	0.17	2.8
Q927126		6.69	<0.005	0.10	6.90	8.1	1890	1.58	0.15	2.44	0.11	45.2	6.1	10	11.15	9.4
Q927127		6.31	<0.005	0.19	6.54	47.6	1520	1.19	0.18	1.80	0.36	39.8	6.2	8	14.15	10.1
Q927128		3.35	0.005	0.17	6.53	9.0	2270	1.35	0.32	2.49	0.18	38.7	6.3	9	14.30	11.4
Q927129		1.29	0.159	83.9	6.33	775	1750	1.39	0.35	1.41	31.0	54.7	6.4	6	14.60	136.5
Q927130		1.79	<0.005	0.25	7.15	18.4	1880	1.43	0.14	1.88	0.22	44.1	6.8	8	17.50	9.0
Q927131		1.53	0.417	5.21	6.11	833	640	1.52	0.68	2.59	4.50	39.2	6.2	7	14.45	27.8
Q927132		4.46	<0.005	0.02	0.05	0.6	20	0.07	0.01	18.95	0.06	0.93	0.6	1	0.11	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110383

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927097		2.91	15.70	0.21	1.2	0.049	2.67	22.0	23.4	0.76	890	1.11	1.73	8.5	2.7	620
Q927098		3.44	16.10	0.25	1.0	0.046	2.86	19.2	21.7	0.90	614	0.89	1.96	8.5	2.8	710
Q927099		3.29	15.80	0.26	1.0	0.074	2.42	18.0	33.1	1.27	947	0.35	1.45	8.2	2.8	700
Q927100		3.01	15.30	0.31	1.2	0.037	2.82	21.4	22.9	0.81	742	0.64	1.75	8.2	2.5	650
Q927101		3.05	15.80	0.30	1.2	0.044	2.78	17.3	26.0	0.88	808	0.62	1.62	8.5	2.4	640
Q927102		3.17	14.10	0.24	1.1	0.077	2.54	29.1	36.2	1.43	1420	4.03	0.09	7.3	3.0	570
Q927103		3.07	16.35	0.21	1.2	0.043	2.60	19.1	41.2	0.64	786	0.81	0.10	9.0	2.6	680
Q927104		3.04	15.70	0.25	1.0	0.044	2.80	20.4	24.6	0.63	760	0.72	1.51	8.2	2.9	650
Q927105		3.04	16.15	0.22	1.4	0.064	3.68	24.4	29.5	0.84	1920	1.61	0.14	8.4	7.8	640
Q927106		1.79	18.30	0.11	4.0	0.031	1.72	24.4	104.0	0.75	628	1.01	0.06	8.8	20.2	620
Q927107		1.97	18.35	0.12	4.0	0.025	1.63	26.5	100.5	0.87	778	1.12	0.05	8.9	21.0	640
Q927108		4.71	14.75	0.06	1.1	0.272	2.76	28.3	24.8	0.74	1800	13.95	0.14	6.2	15.1	510
Q927109		2.34	17.30	0.18	1.0	0.042	2.10	26.9	45.7	0.51	1480	1.01	0.04	8.1	4.9	650
Q927110		2.91	15.85	0.22	1.1	0.065	3.02	19.9	18.9	0.71	1460	0.88	0.81	7.8	2.9	620
Q927111		2.96	17.90	0.25	1.0	0.042	2.52	24.5	24.9	0.87	651	0.92	2.33	8.6	3.1	650
Q927112		6.23	15.10	0.13	1.2	0.775	2.65	25.2	19.0	0.73	1760	9.09	0.12	6.4	12.2	510
Q927113		2.86	16.30	0.24	0.9	0.034	2.38	22.2	24.7	0.84	650	0.99	2.24	7.7	2.6	610
Q927114		2.62	13.65	0.19	0.9	0.048	2.86	23.0	17.9	0.90	5420	1.27	0.57	6.0	2.0	430
Q927115		2.58	16.45	0.23	1.1	0.040	2.66	23.2	14.3	0.71	618	1.60	2.18	8.0	2.5	550
Q927116		2.58	15.90	0.27	1.1	0.045	2.52	18.9	19.7	0.68	1060	1.57	1.97	7.4	2.6	540
Q927117		2.70	16.50	0.24	1.2	0.038	2.73	15.7	24.7	0.81	1650	2.79	1.46	7.7	2.9	600
Q927118		2.97	17.30	0.31	1.2	0.046	2.51	22.9	13.3	0.76	817	3.68	2.03	8.4	3.0	610
Q927119		3.01	16.05	0.20	1.2	0.070	2.66	17.6	25.9	0.70	1120	1.77	0.38	7.7	2.6	610
Q927120		2.95	18.20	0.33	1.3	0.045	2.58	24.3	22.1	0.81	900	1.93	2.11	8.8	3.2	620
Q927121		2.80	16.70	0.28	1.2	0.035	2.68	26.7	21.4	0.78	922	2.68	2.07	8.0	2.6	580
Q927122		2.45	14.50	0.23	1.0	0.033	2.75	24.2	31.6	0.68	3290	2.86	0.11	7.1	2.6	530
Q927123		2.45	14.80	0.22	1.0	0.038	2.79	26.7	32.3	0.70	3310	4.80	0.10	7.1	2.6	530
Q927124		2.80	16.00	0.29	1.3	0.066	2.78	28.0	16.7	0.69	1990	1.74	1.73	8.0	2.7	540
Q927125		0.45	0.30	0.21	<0.1	0.005	0.03	0.6	1.1	12.20	213	0.12	0.01	0.2	1.6	180
Q927126		2.58	15.20	0.20	1.5	0.041	2.84	23.0	11.2	0.67	699	1.64	1.98	7.7	2.3	540
Q927127		2.48	15.10	0.22	1.4	0.033	2.66	19.7	29.9	0.57	1540	1.24	0.11	7.6	2.6	540
Q927128		2.71	17.10	0.26	1.1	0.083	2.69	17.6	21.1	0.58	959	1.98	0.96	8.1	2.5	610
Q927129		3.26	14.30	0.23	1.2	0.104	3.56	30.7	22.5	0.53	7340	0.82	0.17	7.0	2.4	440
Q927130		2.79	15.75	0.21	1.1	0.040	2.97	22.0	22.0	0.62	1560	0.48	1.03	7.2	2.5	600
Q927131		4.20	14.40	0.16	0.9	0.164	2.97	20.9	46.2	0.84	4420	1.31	0.04	6.5	2.6	510
Q927132		0.41	0.24	0.15	<0.1	0.005	0.02	<0.5	0.9	11.50	197	0.09	<0.01	0.1	1.4	150

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110383

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927097		19.2	109.0	<0.002	0.03	8.06	10.7	1	1.7	291	0.64	<0.05	13.0	0.259	1.27	3.8
Q927098		19.1	95.9	<0.002	0.01	5.18	11.2	1	1.7	369	0.60	<0.05	10.3	0.294	1.13	2.3
Q927099		45.2	88.0	<0.002	0.03	16.30	10.4	1	1.7	210	0.58	<0.05	8.5	0.277	1.29	2.5
Q927100		19.1	108.5	<0.002	0.07	4.13	10.2	1	1.5	329	0.67	<0.05	11.6	0.265	1.23	4.2
Q927101		21.8	95.8	<0.002	0.08	5.04	9.8	1	1.7	325	0.67	<0.05	9.9	0.275	1.26	3.6
Q927102		179.0	128.0	<0.002	0.40	22.7	9.7	2	1.9	210	0.61	0.08	12.7	0.233	1.48	5.6
Q927103		17.5	87.3	<0.002	0.04	12.75	11.1	<1	2.4	137.0	0.71	<0.05	10.9	0.288	1.16	2.2
Q927104		22.6	109.5	<0.002	0.07	7.00	10.5	1	1.6	300	0.65	<0.05	11.7	0.271	1.26	3.2
Q927105		501	152.5	<0.002	0.40	18.15	10.6	1	1.9	160.0	0.65	<0.05	13.0	0.273	2.36	5.7
Q927106		13.7	59.7	0.003	0.02	18.90	5.6	<1	1.5	169.5	0.69	<0.05	9.7	0.244	0.87	4.5
Q927107		17.1	58.2	0.003	0.04	18.00	5.8	<1	1.6	165.0	0.67	<0.05	10.4	0.247	0.84	4.8
Q927108		457	171.5	0.005	2.62	26.7	9.4	1	5.3	109.0	0.50	0.54	11.9	0.199	2.31	5.0
Q927109		74.0	114.0	<0.002	0.23	22.9	11.4	<1	2.7	91.9	0.56	<0.05	11.0	0.260	1.60	3.9
Q927110		18.0	127.0	<0.002	0.21	8.03	10.1	1	1.8	231	0.60	<0.05	9.6	0.251	2.01	3.6
Q927111		17.0	102.0	<0.002	0.02	1.22	12.1	1	1.7	438	0.60	<0.05	11.2	0.266	1.05	3.5
Q927112		1250	163.5	<0.002	4.38	63.3	9.2	2	7.9	96.0	0.52	1.12	11.2	0.201	2.55	5.2
Q927113		16.1	95.1	<0.002	0.03	1.34	10.7	1	1.5	400	0.53	<0.05	11.1	0.259	0.98	3.1
Q927114		475	137.0	<0.002	0.87	45.0	7.8	1	1.6	165.5	0.51	<0.05	11.7	0.179	2.05	4.4
Q927115		22.4	108.0	<0.002	0.05	1.75	9.5	<1	1.5	361	0.68	<0.05	12.4	0.226	1.19	4.0
Q927116		34.8	98.4	<0.002	0.10	1.95	9.5	1	1.6	353	0.57	<0.05	10.4	0.228	1.13	3.2
Q927117		130.5	102.5	<0.002	0.21	8.17	9.3	1	1.9	336	0.56	<0.05	7.7	0.238	1.58	2.9
Q927118		23.7	107.0	<0.002	0.03	2.85	11.3	1	1.7	372	0.59	<0.05	11.5	0.259	1.21	3.2
Q927119		24.7	100.0	<0.002	0.09	13.30	9.6	1	1.7	146.5	0.62	<0.05	9.7	0.244	1.51	3.6
Q927120		34.1	116.0	<0.002	0.02	2.72	11.9	1	1.7	391	0.61	<0.05	12.5	0.259	1.35	3.9
Q927121		22.4	119.0	<0.002	0.02	2.07	10.5	1	1.5	374	0.59	<0.05	13.3	0.243	1.26	4.2
Q927122		623	138.0	<0.002	1.24	32.0	9.4	1	1.9	145.0	0.52	<0.05	11.4	0.219	2.49	5.2
Q927123		603	153.5	<0.002	1.23	32.7	9.9	1	1.9	149.0	0.54	<0.05	12.3	0.219	2.55	5.6
Q927124		385	127.0	<0.002	0.25	25.6	10.1	2	1.6	298	0.63	<0.05	15.0	0.229	1.39	4.8
Q927125		2.1	1.3	<0.002	0.01	0.11	0.2	<1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q927126		18.2	114.5	<0.002	0.04	2.66	8.8	1	1.4	317	0.70	<0.05	13.5	0.224	1.26	4.4
Q927127		20.8	103.5	<0.002	0.16	22.3	8.9	<1	1.8	104.5	0.64	<0.05	11.6	0.226	1.77	3.1
Q927128		20.2	105.5	<0.002	0.05	11.15	10.0	1	1.9	232	0.62	<0.05	9.7	0.257	1.64	3.0
Q927129		4650	180.0	<0.002	1.04	196.5	8.4	1	2.0	103.5	0.63	0.05	22.1	0.192	2.33	5.9
Q927130		22.5	119.0	<0.002	0.15	10.90	9.8	1	1.8	236	0.57	<0.05	13.0	0.251	1.75	4.0
Q927131		297	175.5	<0.002	2.65	43.0	9.4	1	2.3	100.0	0.48	<0.05	8.7	0.214	2.78	5.8
Q927132		2.1	0.8	<0.002	0.01	0.12	0.1	1	<0.2	40.9	<0.05	<0.05	<0.2	<0.005	<0.02	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110383

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927097		72	2.0	15.9	54	29.3
Q927098		81	1.9	14.3	57	25.6
Q927099		78	4.3	15.1	72	24.9
Q927100		75	1.1	15.3	58	29.0
Q927101		75	1.2	14.9	61	29.7
Q927102		64	3.1	19.2	259	28.9
Q927103		81	3.3	14.8	72	29.9
Q927104		75	1.7	14.4	73	26.1
Q927105		73	3.7	16.1	456	41.7
Q927106		48	2.2	11.0	61	149.5
Q927107		50	2.4	11.6	61	152.5
Q927108		65	5.3	11.8	852	31.0
Q927109		68	9.2	13.6	505	26.0
Q927110		71	3.5	14.3	60	24.5
Q927111		75	1.2	18.1	48	26.3
Q927112		59	6.0	11.2	2250	32.0
Q927113		72	1.2	15.6	51	22.9
Q927114		50	1.9	12.8	1360	23.1
Q927115		64	1.1	15.2	52	29.6
Q927116		64	2.5	13.6	314	30.1
Q927117		66	2.8	12.8	432	33.2
Q927118		72	3.6	16.1	66	31.4
Q927119		69	2.8	13.8	78	28.3
Q927120		72	2.0	17.5	81	34.5
Q927121		67	2.9	16.3	64	32.4
Q927122		62	8.5	12.5	992	25.6
Q927123		62	7.3	13.4	934	25.5
Q927124		65	1.7	16.2	237	34.8
Q927125		2	0.1	0.8	13	<0.5
Q927126		62	1.3	14.5	45	37.3
Q927127		62	4.9	13.4	69	35.2
Q927128		70	2.3	13.9	49	26.8
Q927129		53	4.5	14.7	2530	28.4
Q927130		71	2.1	14.5	57	25.9
Q927131		62	6.2	12.0	406	20.5
Q927132		1	0.1	0.6	13	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110383

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
PUL-31	PUL-31d	PUL-QC	SPL-21
SPL-21d	WEI-21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110384

Project: KLAZA

P.O. No.: Batch 85

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

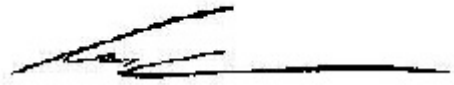
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110384

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926112		3.48	<0.005	0.41	7.98	24.8	1920	1.43	0.78	0.38	1.81	52.3	8.1	9	21.5	18.7
Q926113		3.43	0.007	0.22	6.49	77.5	3170	1.62	0.10	1.63	0.37	36.3	8.2	8	26.5	10.8
Q926114		5.47	<0.005	0.08	7.11	10.1	2010	1.63	0.06	1.72	0.11	39.7	8.3	9	34.6	13.2
Q926115		3.55	<0.005	0.11	6.80	38.6	1230	1.60	0.11	3.85	0.18	47.6	8.5	9	19.65	5.0
Q926116		3.34	<0.005	0.01	0.10	<0.2	30	0.07	0.04	20.2	0.05	1.25	0.7	1	0.31	2.4
Q926117		8.50	<0.005	0.09	7.62	4.8	2030	1.65	0.08	3.08	0.08	47.0	9.1	10	25.6	35.1
Q926118		4.16	<0.005	0.05	7.72	5.1	1990	1.19	0.08	2.07	0.10	38.2	8.0	9	21.7	15.4
Q926119		0.23	0.883	11.85	6.77	1610	430	1.49	12.40	1.91	33.4	46.2	17.1	19	13.50	297
Q926120		2.80	<0.005	0.10	6.91	14.7	1740	1.34	0.11	4.63	0.29	47.3	7.9	10	20.8	6.9
Q926121		7.58	<0.005	0.08	7.74	3.5	2180	1.60	0.09	2.83	0.14	43.5	9.0	10	13.40	8.0
Q926122		4.86	<0.005	0.15	7.18	31.2	2300	1.65	0.08	3.32	0.18	41.5	8.5	10	20.0	10.4
Q926123		3.02	<0.005	0.15	7.04	38.8	1440	1.61	0.07	3.05	0.18	40.8	8.1	9	19.55	10.1
Q926124		6.05	<0.005	0.08	7.99	6.6	2250	1.67	0.07	2.99	0.09	46.4	8.7	12	8.24	8.0
Q926125		4.87	<0.005	0.19	7.32	16.2	1570	1.63	0.30	2.94	0.58	44.1	8.6	9	22.9	17.2
Q926126		5.30	0.015	1.58	6.42	132.0	2460	1.57	3.14	3.30	0.91	33.6	10.9	9	16.90	129.5
Q926127		4.50	<0.005	0.01	0.08	0.9	30	0.07	0.03	21.1	0.06	1.09	0.8	1	0.17	4.2
Q926128		6.76	<0.005	0.62	7.48	47.7	1250	1.62	1.56	2.17	0.51	49.5	9.3	9	13.65	79.8
Q926129		7.08	<0.005	0.33	7.45	41.5	1610	1.46	0.49	2.54	0.69	44.4	8.7	10	20.4	17.2
Q926130		6.18	<0.005	0.46	6.82	56.3	1410	1.42	0.28	3.23	0.45	43.6	8.0	8	17.10	112.5
Q926131		5.84	<0.005	0.56	6.74	94.6	1970	1.53	0.56	4.29	0.41	43.3	8.7	9	17.65	51.9
Q926132		3.59	<0.005	0.27	7.30	13.1	1300	1.28	4.39	3.36	0.39	38.5	7.9	8	7.87	61.9
Q926133		5.28	0.014	0.24	8.26	42.1	1940	1.85	0.94	4.73	0.31	45.1	10.5	8	37.4	6.7
Q926134		4.30	0.007	0.18	8.22	16.4	5260	2.05	0.62	4.79	0.09	42.3	9.4	7	18.90	4.7
Q926135		3.61	<0.005	0.23	6.08	116.0	730	1.29	0.24	7.35	0.22	42.9	9.4	7	17.30	11.2
Q926136		7.84	<0.005	0.12	6.69	19.6	760	1.23	0.15	2.48	0.14	42.1	6.5	7	22.2	10.1
Q926137		<0.02	<0.005	0.12	6.88	20.8	780	1.26	0.16	2.49	0.14	42.6	6.6	8	22.2	12.8
Q926138		4.40	<0.005	0.21	6.13	28.2	650	1.48	0.18	2.73	0.24	43.3	5.8	5	16.95	19.3
Q926139		5.73	<0.005	0.21	6.56	57.9	520	1.36	0.18	2.07	0.88	39.7	6.3	8	17.70	19.2
Q926140		4.02	<0.005	0.20	7.19	51.0	600	1.46	0.16	1.95	0.24	44.4	7.7	11	27.0	18.3
Q926141		4.74	0.006	0.34	6.22	41.6	1840	1.40	0.36	2.92	0.25	41.9	8.0	8	20.8	42.8
Q926142		4.00	<0.005	0.13	6.99	9.1	1500	1.52	0.34	1.65	0.20	31.9	6.5	8	20.6	26.7
Q926143		0.23	0.360	4.45	6.62	712	530	1.27	3.13	1.99	10.05	48.5	11.3	23	12.80	302
Q926144		4.90	<0.005	0.15	6.89	11.4	1940	1.29	0.57	2.58	0.17	42.8	7.3	8	18.10	36.4
Q926145		5.01	<0.005	0.45	7.13	50.2	740	1.35	3.69	2.69	0.29	48.2	7.7	9	18.85	39.4
Q926146		6.60	0.025	1.69	7.23	478	1420	1.40	0.56	3.84	2.40	48.6	7.3	8	19.35	59.8
Q926147		6.45	0.014	2.64	7.25	162.0	1350	1.23	1.85	1.82	5.34	43.4	6.5	8	14.00	147.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110384

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926112		3.35	16.95	0.16	1.1	0.061	2.80	27.3	47.3	0.25	968	5.27	0.57	7.5	2.9	680
Q926113		3.12	15.75	0.13	1.0	0.120	2.27	14.9	146.5	0.31	1980	5.53	0.06	6.8	2.4	570
Q926114		3.10	16.65	0.13	1.2	0.036	2.36	16.5	78.4	0.29	723	2.92	0.74	7.4	2.8	620
Q926115		3.55	15.10	0.11	1.2	0.104	2.38	23.9	116.5	0.66	2480	3.90	0.10	6.8	2.6	580
Q926116		0.49	0.27	0.11	<0.1	<0.005	0.03	0.6	1.9	12.70	211	0.22	0.01	0.2	1.6	200
Q926117		3.49	15.70	0.07	1.4	0.047	2.53	23.2	14.2	0.76	822	1.36	2.03	7.9	3.4	680
Q926118		3.40	16.25	0.13	1.4	0.039	2.72	18.1	39.7	0.40	736	1.62	0.26	8.2	3.1	710
Q926119		6.70	14.15	0.07	1.1	0.776	2.94	25.6	20.9	0.79	1860	8.25	0.13	6.2	12.6	550
Q926120		3.81	13.90	0.07	1.1	0.073	2.90	26.4	40.5	1.15	2140	1.76	0.07	6.5	3.0	600
Q926121		3.44	16.35	0.19	1.4	0.040	2.71	21.0	28.1	0.81	781	1.54	1.72	8.1	3.1	700
Q926122		3.71	15.10	0.15	1.2	0.077	2.52	20.9	45.7	0.98	1350	1.44	0.77	7.4	3.2	640
Q926123		3.49	15.25	0.19	1.2	0.100	2.62	20.0	37.8	0.88	1380	1.30	0.64	7.3	2.6	630
Q926124		3.48	16.45	0.22	1.3	0.042	2.61	23.3	12.4	0.88	775	0.81	2.21	7.9	3.2	690
Q926125		3.42	15.80	0.21	1.3	0.082	2.64	21.9	51.7	0.68	1180	1.31	0.18	7.7	2.8	680
Q926126		3.89	14.95	0.17	1.0	0.308	3.01	18.2	12.2	0.58	2050	17.85	0.07	5.8	2.9	520
Q926127		0.49	0.22	0.11	<0.1	0.005	0.03	0.5	1.2	13.25	215	0.12	<0.01	0.2	1.6	190
Q926128		3.90	15.40	0.12	1.2	0.155	1.89	25.7	72.4	0.78	1100	1.49	0.39	7.4	3.2	670
Q926129		3.37	15.20	0.11	1.3	0.074	2.00	22.0	30.3	0.86	958	0.87	0.74	7.6	3.1	670
Q926130		2.94	14.10	0.14	1.4	0.060	2.37	22.6	49.5	1.01	1000	2.36	0.08	7.5	2.5	590
Q926131		3.33	13.90	0.10	1.0	0.072	2.58	22.2	22.1	0.84	1480	4.12	0.71	6.7	2.8	630
Q926132		3.16	14.85	0.14	1.4	0.098	1.81	18.7	29.9	1.01	1780	0.19	0.39	7.5	2.6	680
Q926133		4.55	15.35	0.13	1.6	0.181	4.22	21.8	9.6	1.07	4160	0.21	0.03	8.0	2.9	780
Q926134		3.87	16.40	0.17	1.2	0.125	4.28	20.9	11.4	1.02	3500	0.21	0.06	8.3	2.8	730
Q926135		3.57	11.80	0.12	0.9	0.067	2.31	24.2	50.7	1.37	1870	1.01	0.04	5.7	2.7	500
Q926136		2.89	14.40	0.22	1.0	0.060	2.39	20.3	79.8	0.86	1220	2.76	0.10	6.4	2.2	560
Q926137		3.04	14.35	0.21	1.1	0.059	2.40	20.9	76.4	0.88	1220	1.19	0.10	6.3	2.5	580
Q926138		2.63	12.65	0.17	1.0	0.063	2.71	21.9	28.5	0.91	3150	0.90	0.04	5.7	2.1	490
Q926139		2.89	14.20	0.18	1.0	0.068	2.61	19.9	81.5	0.79	2290	1.02	0.03	6.2	2.5	560
Q926140		3.17	15.40	0.19	1.1	0.111	2.82	21.2	100.5	0.80	1700	0.74	0.07	6.8	3.3	630
Q926141		2.97	13.25	0.17	0.8	0.077	2.27	21.6	131.5	0.90	1620	1.27	0.07	5.8	2.8	530
Q926142		2.86	16.30	0.16	1.1	0.047	1.95	13.8	288	0.61	940	2.05	0.06	7.4	2.4	650
Q926143		4.93	14.85	0.14	1.0	0.281	2.90	27.5	24.8	0.77	1840	15.40	0.15	5.7	14.0	520
Q926144		3.11	14.85	0.16	1.0	0.041	2.25	20.3	162.0	0.85	1040	1.31	0.19	6.6	2.9	590
Q926145		3.16	15.30	0.15	1.0	0.057	2.06	23.9	97.8	0.91	1380	1.33	0.06	6.6	2.8	610
Q926146		3.35	15.30	0.17	0.9	0.090	3.03	24.9	49.4	1.24	4310	1.84	0.04	6.9	3.1	590
Q926147		3.68	15.55	0.16	0.9	0.134	3.42	21.1	17.6	0.81	2980	2.20	0.09	6.7	2.4	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110384

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926112		34.6	135.5	<0.002	0.01	9.33	12.0	2	3.4	91.1	0.60	<0.05	13.4	0.294	1.81	3.3
Q926113		17.7	104.0	<0.002	0.19	30.0	10.2	1	1.5	140.0	0.53	<0.05	9.5	0.262	2.55	4.1
Q926114		13.3	99.1	<0.002	0.01	16.70	11.0	1	2.5	174.0	0.58	<0.05	10.6	0.273	1.51	2.5
Q926115		30.1	122.5	<0.002	0.13	19.30	11.1	1	1.6	135.5	0.56	<0.05	11.5	0.259	2.48	4.5
Q926116		1.6	1.5	<0.002	0.01	0.17	0.2	<1	<0.2	46.8	<0.05	<0.05	0.2	<0.005	0.02	0.5
Q926117		14.0	103.5	<0.002	0.02	2.89	12.5	1	1.7	380	0.61	<0.05	12.7	0.305	1.14	2.1
Q926118		15.5	92.1	<0.002	0.01	14.00	11.9	1	1.8	122.0	0.63	<0.05	9.4	0.313	1.17	2.0
Q926119		1310	172.0	0.002	4.70	64.8	9.3	2	7.5	98.2	0.49	1.18	10.6	0.214	2.32	5.3
Q926120		28.8	147.5	<0.002	0.09	13.50	10.6	1	1.5	142.5	0.51	<0.05	12.6	0.255	2.01	3.8
Q926121		17.1	98.0	<0.002	0.01	3.46	12.3	1	1.7	338	0.61	<0.05	10.6	0.306	1.10	2.1
Q926122		19.1	103.0	<0.002	0.29	11.80	11.5	1	1.8	236	0.56	<0.05	9.7	0.279	1.83	3.4
Q926123		18.5	99.8	<0.002	0.25	12.90	11.4	1	1.7	196.0	0.55	<0.05	9.8	0.278	1.94	3.9
Q926124		19.5	98.0	<0.002	0.18	1.17	12.2	1	2.0	415	0.61	<0.05	11.1	0.299	1.02	2.4
Q926125		36.4	95.5	<0.002	0.34	11.10	11.6	1	5.8	144.0	0.60	<0.05	10.5	0.300	1.50	3.7
Q926126		40.6	175.0	0.002	0.43	28.3	10.1	1	14.1	118.5	0.43	0.20	9.7	0.224	2.42	6.5
Q926127		1.6	1.3	<0.002	<0.01	0.11	0.2	<1	<0.2	46.8	<0.05	<0.05	0.2	<0.005	<0.02	0.5
Q926128		82.9	83.5	<0.002	0.64	24.3	11.7	1	15.4	143.0	0.58	0.06	13.2	0.278	1.39	7.5
Q926129		125.5	72.7	<0.002	0.45	7.68	11.2	1	8.1	228	0.61	<0.05	10.4	0.287	1.26	4.8
Q926130		36.5	96.4	<0.002	0.31	43.5	10.3	1	2.5	140.0	0.70	<0.05	13.9	0.252	1.57	6.7
Q926131		25.6	103.5	<0.002	0.34	9.57	10.4	1	2.6	238	0.53	<0.05	9.9	0.268	1.55	6.1
Q926132		15.6	55.4	<0.002	0.04	20.9	11.8	1	2.4	209	0.60	0.19	12.2	0.297	1.07	3.4
Q926133		10.0	202	<0.002	1.38	5.93	13.1	1	2.7	184.0	0.67	0.08	13.1	0.311	2.87	3.8
Q926134		9.4	182.0	<0.002	1.01	4.48	13.1	1	1.9	340	0.61	<0.05	11.8	0.318	2.45	4.3
Q926135		19.8	130.0	<0.002	0.45	10.45	9.2	1	1.7	254	0.44	<0.05	9.6	0.212	1.74	3.8
Q926136		15.2	100.0	<0.002	0.16	17.30	10.1	1	1.5	161.5	0.54	<0.05	10.9	0.241	1.94	3.0
Q926137		15.4	108.5	<0.002	0.17	16.85	10.2	<1	1.8	162.5	0.54	<0.05	11.1	0.242	1.96	3.1
Q926138		21.5	162.5	<0.002	0.17	16.90	9.0	<1	1.6	120.5	0.50	<0.05	10.9	0.219	2.34	8.7
Q926139		42.4	132.5	<0.002	0.31	25.2	10.4	1	1.9	122.0	0.51	<0.05	10.1	0.242	2.05	5.8
Q926140		16.6	144.0	<0.002	0.27	22.5	12.5	<1	1.9	156.5	0.56	<0.05	10.3	0.273	2.84	5.2
Q926141		17.8	130.0	<0.002	0.46	35.3	10.0	1	1.8	160.5	0.42	<0.05	9.4	0.228	1.76	5.2
Q926142		13.5	61.1	<0.002	0.06	21.7	12.0	1	1.9	150.0	0.62	<0.05	9.2	0.284	0.97	1.7
Q926143		465	161.0	0.005	2.63	27.3	9.1	1	5.3	103.0	0.48	0.26	10.8	0.203	2.31	5.1
Q926144		18.9	82.5	<0.002	0.15	19.50	10.9	<1	1.9	159.5	0.58	<0.05	11.1	0.253	1.18	2.9
Q926145		43.8	95.4	<0.002	0.36	27.5	11.6	1	2.9	150.0	0.58	0.05	12.1	0.257	1.46	5.4
Q926146		141.5	184.0	<0.002	0.53	32.3	11.3	1	2.6	167.0	0.60	<0.05	11.8	0.254	2.54	4.5
Q926147		195.0	181.0	<0.002	0.53	30.7	11.4	1	3.0	94.9	0.55	<0.05	10.6	0.260	2.48	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110384

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926112		84	3.2	17.2	224	27.8
Q926113		77	3.3	12.7	103	23.5
Q926114		80	3.0	13.0	57	29.1
Q926115		80	3.4	17.9	91	27.2
Q926116		3	0.1	0.8	16	<0.5
Q926117		93	1.6	18.3	60	35.4
Q926118		92	2.7	14.9	69	35.1
Q926119		64	5.5	11.3	2480	32.0
Q926120		75	2.9	18.9	118	29.3
Q926121		91	1.4	16.6	65	33.0
Q926122		83	2.6	16.6	81	30.5
Q926123		82	2.8	16.1	78	30.5
Q926124		86	0.9	17.1	64	31.6
Q926125		86	1.9	15.6	133	33.9
Q926126		73	5.7	12.5	148	23.8
Q926127		2	0.1	0.8	17	<0.5
Q926128		82	4.7	13.7	146	31.6
Q926129		81	4.6	15.7	130	32.7
Q926130		74	9.5	17.4	81	33.9
Q926131		78	2.5	16.5	119	24.8
Q926132		89	2.2	14.5	308	36.3
Q926133		75	5.6	17.7	118	41.5
Q926134		77	1.8	18.2	71	33.1
Q926135		68	3.8	17.1	68	24.7
Q926136		70	2.8	13.3	63	25.7
Q926137		70	3.0	13.5	63	26.8
Q926138		62	3.1	12.5	49	23.5
Q926139		73	3.5	12.6	104	24.1
Q926140		83	4.3	14.0	68	27.8
Q926141		69	3.8	14.8	66	22.1
Q926142		82	10.4	11.4	67	24.4
Q926143		65	5.3	11.4	847	27.5
Q926144		76	4.4	14.6	73	24.3
Q926145		78	8.0	15.5	93	25.0
Q926146		74	6.0	15.2	274	24.1
Q926147		77	6.8	13.4	618	22.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110384

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110385

Project: KLAZA

P.O. No.: Batch 86

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110385

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927133		2.80	<0.005	0.23	7.12	10.1	2300	1.51	0.83	2.92	0.08	39.1	9.8	15	14.65	28.2
Q927134		2.32	0.006	0.58	7.04	235	1850	1.54	0.34	2.38	0.68	34.9	9.4	13	20.7	28.3
Q927135		4.23	<0.005	0.09	7.49	11.2	2310	1.63	0.34	2.71	0.14	45.9	7.8	15	12.65	18.5
Q927136		1.86	0.012	0.76	6.98	35.3	1800	1.44	8.18	2.56	0.18	43.8	10.0	14	19.65	129.5
Q927137		5.99	0.046	0.18	6.76	12.1	2370	1.59	0.41	2.51	0.10	40.3	8.2	21	14.40	64.7
Q927138		3.11	<0.005	0.20	7.76	15.4	2250	1.19	0.23	1.18	0.26	51.4	6.3	12	16.25	32.6
Q927139		7.70	0.020	0.30	6.42	86.8	2310	1.68	0.75	2.73	0.14	42.4	6.3	12	22.0	14.3
Q927140		5.68	<0.005	0.01	0.07	<0.2	30	0.07	0.02	20.4	0.05	1.25	0.6	1	0.20	1.7
Q927141		5.50	0.005	0.15	7.11	56.2	2040	1.42	0.39	2.19	0.14	42.0	6.5	17	12.05	17.6
Q927142		1.12	0.268	7.92	5.40	1675	770	1.45	5.36	2.47	13.55	39.5	9.7	11	20.9	219
Q927143		4.20	<0.005	0.29	6.81	43.6	2130	1.43	0.49	2.54	0.27	40.6	7.5	14	13.25	86.6
Q927144		5.49	<0.005	0.19	7.30	37.1	2390	1.58	0.51	2.61	0.21	49.2	7.4	16	11.50	15.5
Q927145		0.25	0.886	11.25	6.43	1575	400	1.45	11.50	1.88	33.0	44.9	17.7	20	13.80	285
Q927146		1.86	0.314	1.59	6.43	2540	1560	1.37	0.57	2.51	0.58	36.6	6.9	16	20.1	15.2
Q927147		7.08	0.014	0.37	7.15	181.5	2300	1.50	0.62	2.54	0.23	44.1	7.9	14	14.95	36.0
Q927148		6.68	<0.005	0.33	6.99	36.8	2330	1.37	1.41	2.90	0.27	42.1	8.3	14	9.43	38.6
Q927149		4.55	<0.005	0.37	7.16	35.8	2250	1.52	0.94	2.68	0.32	46.4	7.9	17	10.75	13.2
Q927150		2.26	<0.005	0.34	7.03	16.8	2190	1.50	0.89	2.58	0.35	46.6	7.9	14	10.65	12.8
Q927151		5.26	<0.005	0.17	6.60	11.3	2030	1.39	1.05	2.27	0.15	40.4	6.7	16	11.80	15.4
Q927152		4.49	0.645	31.8	5.70	2180	1170	1.17	0.56	2.70	66.7	40.2	10.7	10	10.00	86.3
Q927153		4.12	<0.005	0.04	0.07	1.5	20	0.06	0.02	19.50	0.13	1.27	0.7	1	0.20	2.0
Q927154		6.15	0.074	2.26	7.15	384	2000	1.52	1.51	2.25	3.20	41.2	7.7	11	19.70	38.1
Q927155		4.07	<0.005	0.20	6.59	11.3	2070	1.50	0.75	2.39	0.24	35.8	4.3	13	10.00	10.3
Q927156		7.39	<0.005	0.15	5.98	10.1	2330	1.52	0.56	2.35	0.10	47.4	5.8	14	10.25	11.3
Q927157		2.68	<0.005	0.15	6.89	10.6	2370	1.50	0.65	2.64	0.11	36.4	6.9	13	16.90	19.1
Q927158		4.85	<0.005	0.24	7.04	53.3	1510	1.64	0.11	3.31	0.16	64.1	11.9	41	25.1	28.3
Q927159		<0.02	<0.005	0.25	7.13	54.4	1550	1.68	0.10	3.34	0.15	65.1	12.2	43	25.7	26.5
Q927160		2.37	<0.005	0.17	6.79	24.8	2140	1.68	0.58	1.92	0.12	46.3	8.2	11	15.35	6.8
Q927161		5.35	<0.005	0.16	7.09	13.1	2280	1.36	0.49	2.09	0.22	42.0	5.7	13	10.80	29.1
Q927162		6.63	<0.005	0.51	7.37	15.7	2160	1.33	1.12	1.90	0.18	50.6	7.0	14	12.80	28.4
Q927163		2.89	0.018	0.15	7.56	13.7	1930	1.20	0.54	0.77	0.36	58.8	7.1	10	13.85	20.0
Q927164		0.55	0.211	10.70	6.01	888	890	1.65	8.15	3.41	20.3	45.9	9.1	11	17.05	263
Q927165		3.56	<0.005	0.26	6.85	27.2	2090	1.37	0.73	2.02	0.47	34.9	6.3	12	16.25	20.8
Q927166		4.44	<0.005	0.18	7.00	10.3	2150	1.24	0.40	1.75	0.23	37.4	5.8	14	11.05	22.7
Q927167		0.25	1.695	36.3	5.44	2440	670	1.15	31.6	1.58	42.7	32.3	15.3	21	8.98	1170
Q927168		2.46	0.046	1.89	6.30	62.4	1120	1.52	0.74	3.60	13.30	56.2	9.2	9	12.45	79.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110385

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927133		3.18	16.85	0.09	1.1	0.070	2.62	17.1	15.0	0.79	998	0.87	1.78	8.6	2.9	680
Q927134		3.09	16.45	0.07	1.0	0.083	2.89	16.6	114.0	0.79	1650	0.83	0.42	8.2	2.8	600
Q927135		3.17	16.75	0.13	1.3	0.052	2.65	21.4	15.5	0.95	698	0.82	2.50	8.8	2.9	680
Q927136		3.15	16.05	0.11	1.2	0.080	3.03	21.1	40.2	0.88	899	0.70	0.48	8.3	2.7	630
Q927137		2.94	16.00	0.11	1.1	0.079	2.95	18.3	13.4	0.71	814	1.09	1.85	8.3	2.7	620
Q927138		2.81	16.55	0.08	1.2	0.054	3.24	26.4	118.5	0.51	683	1.09	0.43	8.2	2.6	650
Q927139		2.77	15.70	0.09	1.0	0.123	1.88	21.6	170.0	0.83	1280	0.78	0.09	7.3	2.5	550
Q927140		0.44	0.28	0.21	<0.1	<0.005	0.03	0.6	1.4	12.65	200	0.09	0.01	0.2	1.5	200
Q927141		2.88	16.10	0.17	1.4	0.071	2.98	19.6	48.0	0.71	739	5.19	1.28	8.3	2.6	620
Q927142		3.41	12.55	0.08	0.7	0.261	2.24	21.0	35.4	0.94	1740	35.7	0.02	5.5	4.1	430
Q927143		2.91	16.30	0.11	1.3	0.089	2.88	18.6	28.1	0.80	764	1.99	1.74	8.2	2.6	620
Q927144		2.89	16.00	0.11	1.3	0.052	2.87	24.3	12.3	0.78	701	1.39	2.16	7.8	2.5	610
Q927145		6.36	15.45	0.07	1.1	0.801	2.83	22.8	18.5	0.77	1880	8.32	0.12	6.5	12.2	530
Q927146		2.89	14.70	0.07	1.1	0.063	2.89	17.7	86.8	0.55	1100	2.18	0.23	6.8	2.9	570
Q927147		2.85	16.50	0.11	1.4	0.055	2.81	21.0	14.9	0.75	696	4.98	2.23	8.0	2.6	620
Q927148		2.99	15.40	0.12	1.2	0.074	2.58	19.1	16.6	0.83	848	1.23	2.00	7.6	3.4	630
Q927149		3.01	15.75	0.11	1.2	0.044	2.51	21.2	13.6	0.83	828	1.14	2.15	7.6	3.0	640
Q927150		2.89	15.20	0.15	1.2	0.049	2.49	22.1	12.6	0.80	767	1.06	2.13	7.5	2.7	650
Q927151		2.88	14.70	0.13	1.0	0.052	2.60	18.5	19.6	0.63	802	1.06	1.22	6.9	2.4	590
Q927152		4.51	12.05	0.14	0.8	0.143	2.36	21.3	48.0	0.82	4770	2.50	0.04	5.4	2.2	460
Q927153		0.43	0.19	0.06	<0.1	0.011	0.03	0.6	1.1	12.10	203	0.32	0.01	0.1	1.3	190
Q927154		4.33	17.90	0.09	1.0	0.248	2.64	19.5	46.5	0.81	2300	3.86	0.20	7.5	2.9	590
Q927155		2.93	14.40	0.12	1.2	0.071	2.49	16.9	12.4	0.76	716	1.07	2.11	7.0	2.6	580
Q927156		2.73	14.55	0.14	1.2	0.058	2.57	24.1	10.8	0.79	737	1.53	2.02	7.4	2.6	620
Q927157		2.95	15.50	0.13	1.1	0.051	2.54	16.2	19.2	0.71	762	2.48	1.91	7.5	3.1	670
Q927158		3.19	16.65	0.17	3.8	0.038	1.84	32.8	78.0	1.43	654	1.23	0.05	9.5	15.6	1600
Q927159		3.26	16.95	0.15	3.8	0.036	1.89	33.5	79.7	1.45	649	1.43	0.05	9.7	16.0	1620
Q927160		2.83	14.55	0.12	1.0	0.076	2.79	24.1	34.7	0.79	839	1.85	0.73	6.7	2.8	590
Q927161		2.72	15.70	0.17	1.2	0.069	2.90	20.0	16.6	0.64	698	1.41	1.53	7.5	2.4	620
Q927162		2.83	15.90	0.18	1.3	0.056	2.86	26.0	24.5	0.63	720	1.22	1.14	7.8	2.4	620
Q927163		2.83	16.00	0.17	1.3	0.055	2.77	32.1	35.1	0.40	661	1.00	0.29	7.9	2.5	690
Q927164		4.10	13.55	0.13	0.7	0.314	1.93	25.7	30.6	1.33	2020	29.2	0.07	5.8	3.3	460
Q927165		2.67	15.50	0.19	1.3	0.055	2.70	15.8	30.5	0.44	724	1.78	0.71	7.7	2.4	640
Q927166		2.86	14.85	0.16	1.2	0.056	2.89	17.4	26.8	0.58	821	1.29	0.64	7.4	2.6	630
Q927167		8.34	13.20	0.13	0.8	1.435	2.44	15.3	15.8	0.65	2250	16.10	0.06	4.4	13.7	440
Q927168		3.50	13.05	0.13	1.1	1.130	2.81	32.3	20.4	0.78	2800	1.48	0.18	6.8	2.2	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110385

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927133		15.7	92.5	<0.002	0.04	5.66	10.3	1	2.1	370	0.64	<0.05	7.2	0.283	1.36	3.3
Q927134		60.5	108.5	<0.002	0.25	28.0	10.0	1	2.4	168.0	0.60	<0.05	8.2	0.272	1.98	7.2
Q927135		17.2	94.5	<0.002	0.01	1.89	10.6	1	2.2	421	0.70	<0.05	10.9	0.287	1.16	3.9
Q927136		19.2	112.5	<0.002	0.35	21.6	9.7	1	2.0	186.0	0.68	<0.05	11.3	0.261	2.06	4.3
Q927137		16.3	99.8	<0.002	0.06	5.11	9.1	<1	1.9	330	0.65	<0.05	9.8	0.261	1.36	3.7
Q927138		24.3	127.5	<0.002	0.08	19.35	9.9	<1	2.6	165.5	0.61	<0.05	12.7	0.269	1.48	2.9
Q927139		15.6	74.6	<0.002	0.42	34.8	8.5	<1	8.5	196.0	0.56	<0.05	10.4	0.224	1.79	12.0
Q927140		1.2	1.3	<0.002	<0.01	0.08	0.2	<1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q927141		15.8	100.5	<0.002	0.06	8.72	9.3	<1	2.2	278	0.68	<0.05	11.0	0.259	1.43	3.5
Q927142		774	142.5	0.003	2.27	130.0	6.8	1	3.3	119.0	0.40	0.34	8.9	0.190	2.57	9.3
Q927143		21.5	102.0	<0.002	0.11	11.40	9.4	1	1.9	336	0.61	<0.05	9.5	0.262	1.48	3.4
Q927144		39.7	108.5	<0.002	0.03	3.47	9.7	<1	1.8	381	0.63	<0.05	12.1	0.248	1.20	3.6
Q927145		1280	154.5	<0.002	4.66	63.6	8.9	2	7.9	94.3	0.52	1.00	10.8	0.207	2.64	5.2
Q927146		44.8	106.0	<0.002	0.80	53.6	8.3	<1	1.7	156.5	0.51	<0.05	9.9	0.230	1.86	3.6
Q927147		24.8	103.0	<0.002	0.10	5.62	9.2	1	1.7	392	0.62	<0.05	10.7	0.257	1.37	3.7
Q927148		23.1	95.9	<0.002	0.09	3.39	10.1	1	2.8	400	0.58	<0.05	10.2	0.257	1.12	3.2
Q927149		31.5	91.5	<0.002	0.05	2.61	11.0	1	2.6	410	0.58	<0.05	11.0	0.262	1.06	3.3
Q927150		32.1	89.4	<0.002	0.03	2.24	10.5	1	2.6	404	0.57	<0.05	10.9	0.260	1.05	3.1
Q927151		23.3	92.5	<0.002	0.05	10.60	9.2	2	2.4	275	0.52	<0.05	10.5	0.242	1.29	2.3
Q927152		1460	146.0	<0.002	3.08	379	7.7	1	3.8	132.5	0.42	<0.05	10.9	0.189	2.14	3.6
Q927153		2.7	1.5	<0.002	<0.01	0.40	0.2	1	<0.2	42.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q927154		167.0	120.0	<0.002	1.16	43.0	9.2	2	2.9	129.5	0.63	<0.05	10.4	0.246	2.88	9.6
Q927155		19.0	93.8	<0.002	0.03	6.43	8.2	1	1.6	342	0.59	<0.05	8.9	0.230	1.22	2.6
Q927156		17.7	110.0	<0.002	0.07	4.25	9.5	2	1.9	368	0.60	<0.05	11.3	0.248	1.13	3.9
Q927157		18.1	93.3	<0.002	0.06	6.08	10.5	2	1.9	406	0.55	<0.05	8.2	0.269	1.16	2.8
Q927158		15.3	61.7	<0.002	0.32	26.8	7.7	1	1.0	639	0.57	<0.05	6.9	0.400	0.89	3.9
Q927159		14.9	61.7	<0.002	0.32	26.5	8.0	2	1.1	654	0.59	<0.05	6.8	0.410	0.82	3.9
Q927160		19.6	138.0	<0.002	0.20	10.70	9.5	1	1.6	168.0	0.53	<0.05	11.6	0.226	1.59	4.6
Q927161		22.7	115.0	<0.002	0.03	9.08	10.0	1	1.7	298	0.59	<0.05	11.4	0.250	1.27	2.9
Q927162		20.2	124.0	<0.002	0.03	15.40	10.3	1	1.8	241	0.65	<0.05	13.9	0.253	1.23	3.3
Q927163		17.7	134.0	<0.002	0.02	28.9	10.8	1	1.9	107.0	0.64	<0.05	15.4	0.269	1.26	2.8
Q927164		1130	122.0	0.003	1.72	91.7	8.2	2	3.5	145.5	0.48	0.42	10.3	0.199	1.57	5.0
Q927165		33.7	103.5	<0.002	0.07	16.45	9.7	1	1.7	176.5	0.67	<0.05	9.1	0.257	1.21	2.9
Q927166		16.5	109.0	0.002	0.04	15.10	9.3	1	1.8	155.0	0.63	<0.05	10.3	0.254	1.32	2.7
Q927167		1600	142.0	0.002	7.58	97.6	7.7	2	10.0	59.1	0.37	0.70	8.5	0.162	2.11	5.4
Q927168		535	183.0	<0.002	0.66	24.7	9.9	1	2.6	137.5	0.56	<0.05	13.7	0.219	2.30	10.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110385

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927133		80	1.8	15.7	56	27.8
Q927134		76	3.1	15.3	92	25.9
Q927135		80	1.1	17.6	54	30.7
Q927136		73	3.1	14.9	58	28.7
Q927137		72	2.7	14.3	51	28.2
Q927138		72	5.4	14.5	66	32.7
Q927139		68	4.8	14.1	57	28.6
Q927140		2	0.1	0.8	14	<0.5
Q927141		72	8.5	13.4	56	35.4
Q927142		58	17.7	11.2	952	21.2
Q927143		75	6.1	14.0	63	34.0
Q927144		69	1.8	15.8	59	35.3
Q927145		63	5.9	11.2	2370	30.0
Q927146		65	2.7	12.1	113	32.4
Q927147		71	1.8	14.2	61	38.1
Q927148		74	2.7	15.0	72	31.9
Q927149		76	1.9	15.8	85	32.4
Q927150		75	1.4	15.2	85	31.3
Q927151		71	6.1	13.0	60	28.5
Q927152		53	7.5	10.7	4860	21.7
Q927153		1	0.1	0.8	20	<0.5
Q927154		80	8.9	12.6	311	27.1
Q927155		65	2.8	12.4	60	31.3
Q927156		72	3.2	14.8	53	30.8
Q927157		78	2.0	13.8	52	29.2
Q927158		86	1.6	12.6	86	159.5
Q927159		88	1.6	12.8	87	163.5
Q927160		68	2.7	13.4	63	26.3
Q927161		72	2.9	14.3	58	30.3
Q927162		71	3.3	16.0	63	33.6
Q927163		76	5.3	16.3	81	33.2
Q927164		65	12.2	16.7	1310	18.9
Q927165		73	4.3	13.4	87	32.8
Q927166		71	4.5	13.2	64	30.9
Q927167		55	6.8	8.4	3250	20.9
Q927168		63	6.0	17.9	1280	28.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110385

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110386

Project: KLAZA

P.O. No.: Batch T2

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

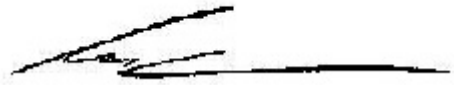
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110386

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925811		4.37	0.687	4.61	5.91	534	1200	1.45	2.12	0.87	15.20	59.2	13.6	9	31.8	29.4
Q925812		3.88	0.066	1.75	7.60	110.5	1270	1.59	0.56	0.91	11.50	60.4	10.3	7	17.90	115.5
Q925813		3.69	0.015	0.71	7.57	19.6	1900	1.62	0.37	0.71	7.69	50.9	8.6	6	12.10	43.5
Q925814		4.34	0.012	0.61	7.62	20.8	2300	1.40	0.34	0.41	7.69	51.8	6.5	6	12.30	65.5
Q925815		4.90	0.286	5.05	6.46	94.7	1050	1.63	5.01	0.35	11.55	50.7	10.3	4	14.70	53.2
Q925816		3.07	0.135	2.13	6.83	43.1	1620	1.68	2.34	1.50	22.4	52.6	8.7	6	9.58	73.0
Q925817		3.51	0.067	0.99	7.05	46.4	1610	1.74	0.95	1.63	20.3	48.8	6.4	5	16.55	23.7
Q925818		4.08	1.220	>100	5.20	379	970	1.28	358	0.52	3.78	29.5	10.0	5	37.7	62.0
Q925819		2.54	<0.005	0.35	0.09	2.0	280	<0.05	0.74	19.25	0.15	1.32	0.7	1	0.28	2.7
Q925820		3.76	0.114	3.97	7.11	40.2	1150	1.58	5.67	1.81	6.88	48.6	11.7	6	19.40	68.0
Q925821		4.64	0.014	0.52	7.30	15.6	2390	1.79	1.52	1.79	1.25	47.5	7.2	6	15.25	17.3
Q925822		3.27	0.009	0.35	7.03	13.1	1430	1.50	0.35	2.30	1.97	37.4	10.1	6	13.05	51.9
Q925823		4.07	0.012	0.36	6.94	12.5	1330	1.65	0.55	1.94	1.60	57.0	8.7	6	12.60	4.7
Q925824		3.55	0.009	0.20	6.95	12.7	1550	1.79	0.37	2.07	0.53	41.0	3.4	6	15.55	7.5
Q925825		2.72	0.034	0.56	6.80	13.6	1160	1.55	0.73	2.90	3.90	50.2	10.4	13	12.10	4.7
Q925826		4.23	0.027	0.55	6.94	17.4	970	1.55	1.26	2.22	1.18	79.4	11.2	9	11.05	6.6
Q925827		3.22	0.194	2.87	5.35	183.0	800	1.46	6.51	4.34	11.00	37.6	8.8	5	19.50	26.3
Q925828		3.23	0.025	0.62	6.20	20.2	1220	1.43	1.44	2.07	2.86	24.5	3.4	5	20.7	9.2
Q925829		3.37	0.053	1.18	7.08	27.5	2200	1.48	1.51	1.37	6.91	45.3	7.4	5	18.65	13.6
Q925830		4.94	0.138	2.95	6.26	23.6	1900	1.38	3.74	3.38	6.62	33.8	5.2	6	14.55	10.7
Q925831		3.07	0.029	0.74	6.58	20.6	1480	1.37	1.29	1.59	2.23	27.8	4.4	6	15.90	11.5
Q925832		3.48	0.012	0.44	6.47	18.1	2000	1.47	1.28	1.55	1.24	30.3	6.7	5	20.7	12.3
Q925833		4.68	0.031	0.79	6.93	26.6	1040	1.98	1.06	1.73	2.45	32.3	4.3	5	64.9	22.2
Q925834		0.26	4.38	>100	5.16	7010	1330	1.04	59.8	1.81	213	30.5	8.7	17	10.65	1230
Q925835		5.01	0.020	0.25	6.08	17.4	1860	1.31	0.36	3.28	0.92	25.9	3.1	5	25.6	6.2
Q925836		4.29	2.64	3.23	2.86	895	330	0.74	2.06	0.46	15.25	24.9	5.7	6	14.60	34.1
Q925837		4.04	0.502	4.25	3.39	587	380	0.95	3.57	1.34	18.60	23.6	3.8	4	16.00	48.8
Q925838		3.61	0.077	1.32	3.11	64.9	880	0.78	1.25	0.24	11.55	22.8	4.2	5	13.45	29.2
Q925839		3.67	0.045	0.70	2.82	41.0	390	0.86	0.66	0.10	4.46	18.35	3.1	10	13.55	20.6
Q925840		4.57	0.490	5.39	6.75	137.5	1020	1.16	3.65	0.26	8.55	42.3	3.3	6	21.3	59.0
Q925841		4.23	0.403	2.00	8.41	43.0	1120	1.67	1.29	0.18	11.75	43.7	12.1	8	14.75	69.5
Q925842		3.88	0.089	1.88	8.25	34.3	1420	1.39	1.73	0.19	9.61	51.3	10.1	6	13.65	86.0
Q925843		3.94	0.013	0.34	8.30	14.7	1990	1.53	0.65	0.31	6.21	52.1	5.2	5	14.65	15.0
Q925844		<0.02	0.012	0.39	8.63	15.7	2140	1.44	0.67	0.32	6.18	48.8	5.3	6	14.90	15.3
Q925845		3.80	0.020	0.50	8.30	22.2	2340	1.26	0.85	0.27	5.31	48.6	5.3	6	18.75	15.6
Q925846		3.15	0.024	0.93	8.58	27.7	4330	1.76	7.29	0.29	5.67	49.5	10.3	6	14.50	24.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110386

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925811		3.99	14.50	0.15	0.9	0.749	2.24	31.4	30.3	0.38	2480	39.0	0.03	4.4	4.3	530
Q925812		2.51	16.50	0.14	1.1	0.195	2.74	31.5	28.9	0.36	1400	7.51	0.11	7.2	2.6	620
Q925813		2.35	16.20	0.15	1.2	0.145	2.50	24.5	16.4	0.54	939	1.65	0.93	7.7	2.4	560
Q925814		2.44	16.50	0.18	1.0	0.129	2.60	23.7	20.0	0.69	848	1.25	0.51	7.9	2.3	600
Q925815		2.87	15.15	0.16	1.6	1.975	2.09	26.8	16.2	0.31	1080	2.42	0.43	6.6	1.9	350
Q925816		2.37	14.20	0.16	1.5	0.782	2.37	28.1	8.9	0.44	1220	1.62	1.42	6.5	2.5	380
Q925817		2.41	16.25	0.21	1.2	0.337	2.63	24.3	15.4	0.44	1520	1.78	0.23	7.1	2.0	530
Q925818		5.24	13.85	0.14	0.7	0.905	2.28	13.1	13.6	0.28	131	1.60	0.03	4.4	1.6	290
Q925819		0.45	0.27	0.12	<0.1	0.015	0.03	0.7	1.1	11.85	199	0.13	0.01	0.1	1.2	180
Q925820		2.80	16.25	0.14	1.2	0.342	2.61	24.8	19.2	0.55	843	1.49	0.12	7.5	2.0	550
Q925821		2.79	15.30	0.16	1.1	0.117	2.61	24.7	17.2	0.57	466	1.14	0.93	7.4	1.9	530
Q925822		1.99	16.00	0.16	1.2	0.115	2.09	17.2	17.2	0.31	496	1.46	1.04	7.9	2.0	530
Q925823		1.76	15.25	0.19	0.9	0.125	1.31	28.3	10.5	0.76	606	0.52	2.13	7.1	2.2	530
Q925824		2.16	15.00	0.16	1.1	0.082	1.95	18.4	15.0	0.62	433	0.83	1.89	7.6	1.6	540
Q925825		2.08	16.00	0.18	1.3	0.193	1.54	20.5	16.9	0.81	1050	0.83	1.75	7.3	3.0	580
Q925826		2.25	16.45	0.20	1.0	0.296	1.28	44.8	19.6	0.89	678	0.70	2.28	6.5	2.6	530
Q925827		4.02	12.35	0.14	0.8	0.496	1.69	20.4	26.8	1.31	1080	0.85	0.06	5.0	2.4	340
Q925828		1.81	16.75	0.16	1.0	0.183	1.93	9.8	39.1	0.19	790	1.01	0.06	7.5	1.8	500
Q925829		2.14	15.95	0.18	1.0	0.398	2.26	21.7	46.2	0.21	855	1.19	0.09	6.8	2.2	460
Q925830		2.79	16.10	0.19	0.8	0.640	2.14	12.6	15.6	0.44	954	2.69	0.47	6.0	1.9	370
Q925831		2.19	17.25	0.15	1.1	0.261	2.01	11.6	50.0	0.19	802	1.72	0.06	7.5	1.7	530
Q925832		1.93	15.75	0.15	1.0	0.110	1.73	13.1	51.1	0.21	600	1.40	0.05	7.1	2.4	500
Q925833		1.94	16.40	0.16	1.0	0.196	1.69	14.0	68.7	0.20	501	1.99	0.03	7.0	2.2	500
Q925834		7.44	12.70	0.15	1.0	4.57	2.12	14.3	29.4	0.59	2880	14.40	0.08	5.1	13.7	430
Q925835		1.95	14.20	0.13	1.0	0.053	1.32	11.4	77.4	0.22	685	1.16	0.03	6.4	1.8	450
Q925836		2.72	6.83	0.15	0.4	0.710	1.11	12.1	63.0	0.13	1380	30.5	0.03	2.5	1.8	170
Q925837		3.42	8.22	0.11	0.5	0.899	1.34	11.3	51.7	0.14	1080	22.3	0.03	3.0	1.6	210
Q925838		1.77	7.18	0.14	0.4	0.329	1.14	11.0	68.2	0.12	1170	39.3	0.03	2.7	2.4	140
Q925839		1.10	6.32	0.14	0.4	0.171	1.00	9.3	73.8	0.08	442	35.7	0.03	2.5	1.4	170
Q925840		3.50	15.95	0.17	0.9	1.195	2.69	21.9	23.0	0.20	471	16.10	0.04	5.7	1.6	390
Q925841		3.30	18.30	0.16	1.0	0.518	3.16	16.6	19.3	0.24	1860	9.33	0.05	6.4	2.7	540
Q925842		2.12	17.95	0.18	1.1	0.554	2.14	23.6	61.7	0.17	1000	5.17	0.05	7.8	2.1	590
Q925843		2.14	18.75	0.17	1.1	0.179	2.62	25.5	20.3	0.22	470	2.87	0.50	8.4	2.2	610
Q925844		2.26	19.10	0.18	1.2	0.171	2.73	23.8	20.7	0.23	485	2.83	0.52	8.6	2.4	610
Q925845		2.26	17.95	0.20	1.1	0.110	2.85	24.8	29.8	0.21	516	2.73	0.19	8.1	2.4	620
Q925846		2.90	20.0	0.20	1.0	0.313	2.55	21.9	17.2	0.30	670	2.49	0.34	6.2	2.6	640

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110386

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925811		1910	144.5	<0.002	1.33	61.7	10.1	1	6.7	108.0	0.35	0.69	10.6	0.168	3.32	4.1
Q925812		447	144.0	<0.002	0.71	29.0	11.0	1	3.2	57.5	0.60	0.12	14.7	0.235	2.75	3.8
Q925813		410	116.5	<0.002	0.18	5.93	9.4	1	2.4	144.5	0.72	0.08	14.8	0.227	1.67	3.1
Q925814		143.0	116.0	<0.002	0.10	6.55	10.3	1	3.1	87.5	0.65	<0.05	14.4	0.242	1.61	2.5
Q925815		1350	113.0	<0.002	0.59	12.00	7.3	1	6.7	40.8	0.74	0.44	21.9	0.134	1.86	4.6
Q925816		401	109.5	<0.002	0.79	5.52	7.3	2	2.4	198.5	0.72	0.16	19.9	0.150	1.60	3.6
Q925817		338	128.5	<0.002	0.40	7.24	9.4	1	3.1	76.7	0.65	0.10	13.1	0.198	2.58	3.2
Q925818		2450	130.0	<0.002	4.65	20.8	6.8	3	8.3	34.2	0.40	8.05	7.7	0.152	2.14	1.8
Q925819		10.5	1.6	<0.002	0.02	0.21	0.2	1	<0.2	48.4	<0.05	<0.05	0.2	<0.005	0.02	0.5
Q925820		513	105.0	<0.002	0.63	16.20	9.3	2	3.4	61.3	0.65	1.17	12.1	0.226	2.05	3.0
Q925821		50.5	99.2	<0.002	0.38	4.64	9.3	1	1.9	184.0	0.64	0.22	13.4	0.221	1.12	2.5
Q925822		45.9	79.0	<0.002	0.22	10.00	8.8	1	2.0	185.0	0.69	0.08	11.1	0.224	1.06	2.0
Q925823		102.5	58.7	<0.002	0.21	3.48	9.2	2	3.1	256	0.62	0.12	12.8	0.213	0.90	1.9
Q925824		21.9	68.5	<0.002	0.13	4.78	9.4	1	2.2	323	0.67	0.13	13.2	0.219	0.78	2.6
Q925825		80.0	65.2	<0.002	0.32	3.73	9.9	2	3.4	255	0.61	0.39	11.2	0.229	1.20	2.0
Q925826		131.5	59.7	<0.002	0.53	3.05	9.3	1	4.7	238	0.57	0.62	11.8	0.221	1.14	1.5
Q925827		581	82.0	<0.002	2.52	10.40	6.7	1	5.9	173.5	0.45	0.58	10.7	0.153	1.22	9.0
Q925828		110.0	69.1	<0.002	0.22	16.15	7.6	1	3.3	78.9	0.62	0.38	7.6	0.225	1.23	1.7
Q925829		383	103.0	<0.002	0.32	21.2	9.1	1	3.5	75.0	0.57	0.47	11.3	0.205	1.86	2.2
Q925830		356	97.9	<0.002	0.70	8.05	8.8	1	5.6	107.0	0.51	1.16	10.3	0.188	1.91	2.6
Q925831		59.0	90.2	<0.002	0.33	15.10	8.7	1	3.2	69.9	0.67	0.41	9.5	0.222	1.52	1.7
Q925832		41.5	70.5	<0.002	0.21	16.05	8.2	1	2.7	70.4	0.65	0.49	9.6	0.214	1.13	2.0
Q925833		153.0	78.2	<0.002	0.34	18.00	8.1	1	2.8	102.5	0.60	0.30	9.7	0.220	1.25	2.0
Q925834		9100	133.0	<0.002	6.60	208	7.0	1	8.3	120.0	0.39	0.42	7.9	0.174	2.22	4.8
Q925835		34.4	41.8	<0.002	0.18	11.00	5.9	<1	1.7	120.5	0.56	0.11	7.3	0.195	0.84	1.9
Q925836		796	72.2	<0.002	1.19	127.5	4.3	1	4.2	77.3	0.21	0.17	5.4	0.079	1.36	2.9
Q925837		904	87.2	<0.002	1.55	99.0	5.3	<1	6.2	80.4	0.25	0.31	6.6	0.090	1.50	2.6
Q925838		317	64.8	<0.002	0.31	148.5	4.7	1	2.1	101.5	0.23	0.16	6.5	0.085	1.41	4.0
Q925839		211	56.1	<0.002	0.20	145.0	3.8	1	1.7	90.5	0.22	0.16	5.7	0.079	1.16	3.5
Q925840		1290	143.0	<0.002	0.39	43.3	7.5	1	11.0	31.9	0.50	0.68	9.8	0.176	2.57	3.0
Q925841		1040	164.0	<0.002	0.09	19.55	10.7	1	4.9	29.6	0.59	0.49	17.1	0.196	3.30	4.1
Q925842		416	116.5	<0.002	0.12	32.0	11.5	1	4.7	77.9	0.66	0.48	16.9	0.233	2.00	3.7
Q925843		61.1	113.5	<0.002	0.04	12.30	11.7	1	3.4	84.5	0.70	0.11	15.7	0.260	1.72	2.4
Q925844		62.8	127.0	<0.002	0.04	12.35	11.8	1	3.4	87.6	0.72	0.13	15.8	0.262	1.73	2.5
Q925845		92.3	116.5	<0.002	0.05	12.15	10.9	1	2.5	67.1	0.64	0.15	15.6	0.245	1.68	2.8
Q925846		66.2	143.5	<0.002	0.20	10.35	11.9	2	5.1	75.8	0.51	2.11	16.0	0.191	2.12	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110386

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	1	0.001
Q925811		70	2.3	13.8	1300	25.4		
Q925812		74	1.6	17.1	819	29.5		
Q925813		63	1.3	14.0	798	33.3		
Q925814		68	6.7	13.3	640	29.3		
Q925815		42	1.1	17.6	1560	46.1		
Q925816		44	1.0	13.9	1540	39.3		
Q925817		59	1.5	15.7	1120	33.6		
Q925818		52	2.5	6.5	451	19.2	163	
Q925819		2	0.1	0.8	25	0.5		
Q925820		69	1.5	16.2	681	30.8		
Q925821		61	1.2	13.3	162	30.5		
Q925822		60	1.4	12.9	191	30.7		
Q925823		61	0.9	14.7	246	25.8		
Q925824		60	0.7	12.8	85	28.6		
Q925825		68	1.0	17.3	276	39.2		
Q925826		69	1.1	15.4	162	26.5		
Q925827		41	1.6	14.9	863	21.7		
Q925828		61	2.2	9.2	294	27.8		
Q925829		55	1.7	13.6	607	26.1		
Q925830		61	1.9	13.8	559	22.1		
Q925831		63	2.5	11.8	261	28.6		
Q925832		57	2.4	10.9	140	27.4		
Q925833		59	2.2	9.4	268	27.5		
Q925834		50	4.5	7.9	>10000	29.3	120	1.600
Q925835		50	2.0	9.1	124	25.4		
Q925836		31	2.1	7.7	907	11.3		
Q925837		34	2.0	10.1	1330	13.2		
Q925838		32	1.6	9.5	817	12.7		
Q925839		29	1.1	6.7	465	11.5		
Q925840		57	2.3	9.5	1080	24.0		
Q925841		62	1.5	14.1	1200	27.7		
Q925842		66	1.4	15.8	709	31.0		
Q925843		68	1.8	16.0	555	30.4		
Q925844		71	1.9	15.8	569	31.7		
Q925845		67	2.2	15.4	343	30.0		
Q925846		67	1.2	21.0	332	26.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110386

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110387

Project: KLAZA

P.O. No.: Batch T3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

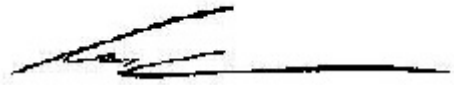
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110387

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925847		4.28	0.048	1.81	7.97	56.6	1630	1.60	4.12	0.16	5.32	43.6	10.5	7	13.60	39.9
Q925848		3.94	0.059	5.54	7.54	108.5	1500	1.65	19.65	0.19	7.79	47.1	5.2	6	15.70	71.3
Q925849		3.96	0.017	0.42	7.77	27.0	1620	1.34	1.22	0.19	4.70	40.2	4.9	6	16.40	16.7
Q925850		3.94	0.062	1.61	8.09	58.2	2190	1.45	2.67	0.21	6.94	47.4	6.1	6	13.65	25.7
Q925851		4.08	0.022	0.64	8.40	21.8	2200	1.52	1.56	0.30	3.72	57.7	8.5	6	13.45	13.4
Q925852		4.01	0.038	0.71	8.23	41.1	2140	1.44	1.79	0.19	5.73	53.3	11.1	6	12.10	30.5
Q925853		3.32	0.019	0.35	8.39	14.2	2440	1.34	0.78	0.30	2.62	57.4	6.5	6	12.90	38.3
Q925854		2.96	0.018	0.51	7.74	24.3	2370	1.59	1.46	0.44	4.10	56.2	12.3	6	11.00	17.4
Q925855		3.10	0.065	1.11	8.07	46.4	1720	1.66	4.84	0.19	4.82	61.1	21.4	6	12.70	34.2
Q925856		3.45	0.150	1.67	7.84	103.5	1690	1.39	9.69	0.09	2.98	68.2	8.8	6	10.80	24.7
Q925857		3.08	0.069	0.99	8.03	40.8	2030	1.17	2.45	0.11	4.53	44.3	10.7	6	12.50	38.0
Q925858		3.34	0.047	0.61	8.31	35.4	2300	1.29	1.66	0.19	6.51	52.4	16.1	6	14.25	56.3
Q925859		4.48	0.053	1.37	7.97	59.9	1990	1.83	4.17	0.17	8.15	61.1	13.0	6	18.60	82.3
Q925860		3.36	0.094	3.13	7.81	114.0	1510	1.75	9.02	0.11	2.83	59.6	3.6	7	14.35	42.3
Q925861		0.26	0.340	4.35	6.88	714	1230	1.34	3.27	2.07	11.35	52.0	12.0	26	13.50	324
Q925862		4.90	0.323	3.16	6.44	53.9	1590	1.26	14.40	0.04	0.47	61.1	0.8	4	7.81	7.7
Q925863		4.61	0.124	1.98	7.30	305	1180	1.35	9.50	0.10	3.30	47.1	3.2	5	22.2	45.4
Q925864		3.81	0.150	1.32	6.93	230	2050	1.83	1.66	0.23	9.05	56.0	17.8	5	19.35	111.5
Q925865		4.37	0.020	0.43	7.77	62.9	2420	1.55	0.77	0.25	6.60	55.3	15.6	5	20.2	36.2
Q925866		2.96	0.062	1.40	7.10	122.0	1400	1.38	2.01	0.18	6.92	48.9	12.7	4	18.10	80.1
Q925867		3.63	0.083	1.36	6.97	136.5	1160	1.04	1.56	0.16	2.31	41.9	7.9	4	16.45	88.3
Q925868		2.63	0.395	1.24	7.24	179.5	1540	1.11	1.22	0.15	2.58	45.5	8.4	5	16.50	104.0
Q925869		<0.02	0.192	1.22	7.18	172.0	1480	1.13	1.22	0.15	2.66	45.0	8.5	5	16.20	103.0
Q925870		3.43	0.095	2.77	9.11	117.0	1980	1.16	2.26	0.25	2.35	50.5	10.4	6	19.30	93.5
Q925871		4.29	0.009	0.24	7.59	19.7	2020	1.58	0.38	0.51	5.40	56.8	10.0	5	14.65	19.0
Q925872		3.33	0.009	0.27	8.19	15.2	2630	1.90	0.26	1.12	4.34	51.1	11.2	4	16.70	29.9
Q925873		4.05	0.007	0.16	8.74	9.3	2590	1.51	0.29	0.74	7.74	64.3	16.1	13	15.90	18.9
Q925874		3.46	0.011	0.25	7.37	17.0	6810	1.18	0.55	0.51	4.26	50.2	10.4	8	12.85	16.1
Q925875		3.73	0.159	1.52	8.39	114.5	2000	1.94	3.53	0.33	10.90	65.1	13.7	11	17.70	47.1
Q925876		3.32	0.118	1.77	7.91	332	1090	1.10	3.00	0.20	3.27	53.5	3.6	11	33.5	35.4
Q925893		3.07	0.021	0.43	6.56	131.0	1190	0.81	0.78	0.23	0.86	47.2	3.5	6	26.3	21.5
Q925894		4.50	0.426	4.45	7.67	76.9	2030	1.13	27.6	0.09	0.20	36.9	0.4	11	7.34	14.0
Q925895		3.31	0.264	4.05	7.83	255	1700	1.20	8.62	0.08	0.80	53.1	1.1	10	13.25	16.6
Q925896		4.55	0.530	3.88	8.30	104.0	1000	1.18	4.99	0.09	0.46	55.1	0.6	12	16.15	13.5
Q925897		4.13	0.121	2.96	7.40	191.0	1810	1.11	5.97	0.13	1.48	54.9	1.8	9	19.95	37.0
Q925898		2.40	<0.005	0.02	0.07	1.2	30	0.05	0.08	19.75	0.05	1.15	0.9	1	0.19	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110387

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925847		3.25	18.15	0.17	1.0	0.315	3.07	22.1	22.5	0.22	686	4.89	0.06	5.9	2.2	490
Q925848		2.95	16.95	0.21	1.0	0.377	3.15	24.4	20.7	0.22	1270	5.58	0.06	6.0	2.9	540
Q925849		2.28	17.30	0.17	1.0	0.107	2.48	18.5	32.6	0.17	713	3.54	0.06	7.0	2.5	560
Q925850		2.87	17.65	0.18	1.1	0.150	3.00	23.4	25.4	0.19	676	2.83	0.10	7.4	2.5	570
Q925851		3.31	18.10	0.17	1.2	0.129	2.90	33.2	23.2	0.24	738	3.41	0.59	7.7	2.6	600
Q925852		3.65	18.45	0.20	1.2	0.147	2.78	30.6	23.1	0.19	803	5.79	0.09	7.5	3.1	570
Q925853		2.39	18.25	0.19	1.2	0.063	3.11	27.1	24.0	0.26	561	2.06	0.34	8.2	2.2	590
Q925854		3.03	17.45	0.21	1.1	0.141	2.82	32.9	16.2	0.24	491	16.30	0.69	7.2	2.5	560
Q925855		3.49	18.80	0.21	1.1	0.198	3.28	37.6	19.0	0.24	595	8.33	0.19	7.0	2.5	470
Q925856		3.75	18.90	0.20	1.0	0.303	3.47	44.0	11.0	0.24	175	12.10	0.08	6.7	1.4	310
Q925857		4.80	18.30	0.18	1.1	0.215	3.18	28.9	22.5	0.17	214	10.70	0.09	7.1	2.0	450
Q925858		3.44	17.65	0.21	1.1	0.158	3.68	29.4	22.8	0.13	722	4.27	0.12	7.8	2.6	590
Q925859		4.14	17.60	0.21	1.1	0.540	3.57	35.6	16.3	0.21	624	3.62	0.08	6.9	2.7	600
Q925860		3.49	18.90	0.18	1.2	0.700	3.61	36.1	8.6	0.28	181	5.92	0.07	6.4	1.4	330
Q925861		5.04	15.90	0.19	1.1	0.314	2.99	30.0	27.2	0.79	1890	15.70	0.15	6.0	14.6	540
Q925862		1.54	15.35	0.14	1.2	0.230	3.20	36.4	8.8	0.24	90	4.51	0.05	5.7	0.7	130
Q925863		4.10	17.10	0.15	1.2	0.940	3.33	27.2	10.6	0.24	122	10.15	0.05	6.8	1.2	470
Q925864		4.58	15.15	0.14	1.1	0.388	2.76	28.8	23.9	0.19	417	9.77	0.29	7.1	2.5	570
Q925865		3.91	15.90	0.14	1.3	0.145	2.87	27.7	27.6	0.20	647	4.52	0.14	7.7	2.7	560
Q925866		4.29	15.55	0.13	1.1	0.444	2.78	25.1	20.1	0.18	662	8.91	0.08	7.3	2.3	530
Q925867		4.56	14.95	0.12	1.1	0.406	2.53	21.2	11.0	0.21	150	6.19	0.36	6.7	1.6	540
Q925868		5.24	15.85	0.12	1.0	0.460	3.01	24.0	15.3	0.23	185	8.84	0.05	6.4	1.7	550
Q925869		5.23	15.95	0.13	1.0	0.456	2.98	23.6	15.2	0.23	184	9.90	0.05	6.5	1.8	540
Q925870		5.57	19.60	0.13	1.3	0.593	2.64	27.3	26.7	0.40	181	4.71	0.17	9.1	1.9	680
Q925871		2.97	16.05	0.15	1.2	0.100	2.41	31.2	14.0	0.30	597	1.98	1.61	7.9	3.0	560
Q925872		2.42	18.10	0.21	0.9	0.059	2.64	26.3	12.2	0.37	674	1.75	2.21	6.9	2.4	460
Q925873		4.17	18.60	0.19	1.3	0.092	1.80	33.8	28.4	1.07	1360	1.96	0.46	9.4	7.4	1300
Q925874		4.01	15.90	0.18	0.9	0.170	2.66	24.1	17.7	0.66	828	1.62	0.50	7.8	4.1	940
Q925875		5.41	18.80	0.16	1.2	1.020	3.48	32.8	13.7	0.40	960	3.20	0.10	8.3	5.4	1080
Q925876		5.75	17.50	0.14	1.3	1.165	3.40	30.7	8.5	0.29	180	4.66	0.05	8.1	3.0	840
Q925893		5.39	15.05	0.12	0.6	0.259	2.61	26.0	12.6	0.21	146	2.77	0.05	6.1	2.2	910
Q925894		3.21	21.7	0.13	1.2	0.274	3.75	17.9	5.9	0.27	88	3.06	0.06	8.0	0.6	230
Q925895		3.22	18.15	0.15	1.3	0.306	3.67	26.5	6.8	0.33	135	2.42	0.05	8.3	1.0	360
Q925896		2.77	19.30	0.17	1.5	0.264	4.02	27.9	6.6	0.37	141	1.98	0.05	10.0	1.1	310
Q925897		4.57	19.10	0.15	1.1	0.818	3.29	29.2	7.1	0.28	156	3.88	0.07	8.7	1.4	630
Q925898		0.45	0.29	0.35	<0.1	<0.005	0.03	0.5	0.9	12.65	198	0.11	0.01	0.3	1.5	220

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110387

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925847		420	168.5	<0.002	0.09	16.20	10.8	1	4.1	32.1	0.47	0.76	15.0	0.179	2.57	3.8
Q925848		245	182.0	<0.002	0.12	29.0	10.6	2	4.2	32.5	0.51	0.47	15.0	0.195	3.01	3.4
Q925849		49.8	131.5	<0.002	0.08	26.2	10.7	1	2.5	39.1	0.59	0.22	14.6	0.213	1.72	3.1
Q925850		192.0	167.0	<0.002	0.09	18.25	10.4	1	2.4	55.4	0.63	0.29	15.5	0.228	1.87	3.2
Q925851		70.9	140.5	<0.002	0.15	11.40	10.9	1	2.6	108.0	0.62	0.23	16.0	0.234	1.61	3.2
Q925852		64.7	155.0	<0.002	0.12	22.8	11.0	1	4.9	47.7	0.62	0.29	15.7	0.232	1.91	4.1
Q925853		70.4	126.5	<0.002	0.02	11.30	10.9	1	2.1	106.0	0.70	0.09	16.5	0.250	1.37	2.8
Q925854		85.3	147.5	0.002	0.09	10.70	9.7	1	4.1	125.5	0.61	0.26	15.3	0.219	1.84	3.5
Q925855		132.5	179.5	<0.002	0.19	14.35	11.1	1	6.2	64.7	0.58	0.87	13.9	0.218	2.57	3.6
Q925856		66.2	194.0	<0.002	0.12	11.05	9.1	2	9.3	33.7	0.57	2.06	10.1	0.200	2.88	3.0
Q925857		56.8	168.0	<0.002	0.08	17.15	9.3	1	3.2	69.4	0.63	0.50	13.3	0.211	2.25	3.9
Q925858		38.2	172.5	<0.002	0.07	13.15	10.3	2	2.3	85.2	0.68	0.17	16.7	0.234	2.22	3.8
Q925859		77.4	214	<0.002	0.20	11.70	10.0	1	3.8	82.2	0.61	0.34	25.6	0.207	3.10	7.0
Q925860		180.0	233	<0.002	0.25	12.55	8.5	1	7.2	40.1	0.55	1.06	16.5	0.188	3.46	3.1
Q925861		492	180.0	0.006	2.73	29.0	9.5	2	5.9	113.0	0.51	0.26	12.2	0.214	2.56	5.0
Q925862		142.0	195.0	<0.002	0.29	7.73	6.4	<1	8.7	38.6	0.53	0.63	7.9	0.169	2.67	1.3
Q925863		203	211	<0.002	0.25	20.9	8.2	1	5.8	52.8	0.61	1.30	15.4	0.196	3.15	3.1
Q925864		174.0	142.5	<0.002	0.16	20.8	12.1	1	3.2	91.9	0.64	0.28	16.2	0.208	2.26	6.1
Q925865		30.1	117.0	<0.002	0.13	12.35	10.7	1	2.3	71.0	0.71	0.07	16.9	0.228	1.63	4.6
Q925866		222	129.5	<0.002	0.15	18.75	10.6	1	3.3	50.8	0.66	0.19	15.8	0.215	2.24	5.0
Q925867		218	139.0	<0.002	0.08	11.80	8.3	1	5.9	52.4	0.59	0.41	13.7	0.183	2.62	3.9
Q925868		165.5	169.0	<0.002	0.16	14.65	9.0	1	5.1	26.6	0.57	0.37	15.1	0.193	2.93	4.1
Q925869		163.5	169.5	<0.002	0.16	14.35	9.0	1	5.1	26.5	0.57	0.37	15.3	0.191	3.00	4.1
Q925870		298	117.5	<0.002	0.13	12.40	10.9	1	6.2	82.0	0.85	0.52	17.4	0.257	1.88	4.2
Q925871		35.7	96.4	<0.002	0.11	5.25	10.4	1	2.8	222	0.72	0.09	16.4	0.230	1.22	3.6
Q925872		23.9	113.5	<0.002	0.04	6.63	7.6	1	1.6	363	0.58	<0.05	12.9	0.188	1.26	2.7
Q925873		25.1	72.9	<0.002	0.02	21.4	17.9	1	2.2	148.0	0.52	<0.05	7.4	0.454	0.85	2.1
Q925874		30.9	100.5	<0.002	0.05	5.88	14.4	2	2.5	174.0	0.51	<0.05	9.1	0.327	1.22	2.2
Q925875		127.0	203	<0.002	0.17	7.11	18.2	2	8.9	46.9	0.52	0.18	12.3	0.343	2.95	7.3
Q925876		190.5	198.0	<0.002	0.70	13.65	13.8	1	5.4	46.0	0.52	0.11	7.9	0.350	3.59	3.4
Q925893		59.4	135.0	<0.002	1.00	11.05	9.6	1	2.0	52.1	0.38	0.16	7.7	0.242	2.38	2.6
Q925894		111.0	153.5	<0.002	0.88	7.39	16.5	2	16.5	58.9	0.52	1.64	6.6	0.370	3.03	1.7
Q925895		253	204	<0.002	0.33	10.10	14.5	1	7.6	28.4	0.51	0.72	5.8	0.328	3.40	2.2
Q925896		221	241	<0.002	0.56	29.6	15.4	1	5.4	31.0	0.57	0.38	6.2	0.387	4.26	1.7
Q925897		149.0	187.5	<0.002	0.32	12.20	15.3	1	6.3	42.2	0.57	0.72	10.6	0.327	3.34	3.2
Q925898		2.2	1.5	<0.002	0.01	1.87	0.2	1	0.3	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110387

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925847		63	1.5	17.5	482	26.8
Q925848		60	2.2	16.4	611	26.0
Q925849		65	1.8	14.9	368	28.5
Q925850		64	2.7	14.8	560	30.6
Q925851		68	2.2	18.4	321	32.3
Q925852		76	2.6	18.7	460	32.9
Q925853		68	1.6	16.1	217	35.7
Q925854		66	1.6	17.5	389	30.9
Q925855		72	4.1	19.6	533	30.6
Q925856		63	5.6	11.8	422	27.0
Q925857		64	3.3	15.0	672	29.8
Q925858		62	3.0	20.4	776	30.3
Q925859		62	2.9	17.9	812	30.8
Q925860		60	4.8	9.6	499	32.5
Q925861		66	5.8	11.9	890	29.2
Q925862		51	5.1	5.3	80	32.8
Q925863		60	2.6	9.3	483	37.1
Q925864		60	2.8	20.0	822	32.9
Q925865		61	2.3	19.6	427	36.9
Q925866		57	2.4	17.2	789	33.2
Q925867		56	1.8	9.5	456	32.7
Q925868		60	2.2	11.8	586	30.9
Q925869		60	2.2	11.8	577	32.1
Q925870		69	2.9	11.1	454	39.3
Q925871		61	1.3	20.0	417	37.8
Q925872		42	2.1	15.9	285	27.5
Q925873		153	3.6	24.3	400	43.3
Q925874		108	2.2	19.2	304	28.8
Q925875		129	4.0	28.8	1030	39.0
Q925876		122	4.6	7.7	807	48.8
Q925893		78	2.3	6.3	256	21.2
Q925894		140	26.5	6.1	42	37.3
Q925895		115	6.6	6.9	141	43.4
Q925896		125	10.5	6.0	83	51.2
Q925897		107	5.1	10.0	285	34.2
Q925898		3	0.1	0.8	14	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110387

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110388

Project: KLAZA

P.O. No.: Batch T4

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

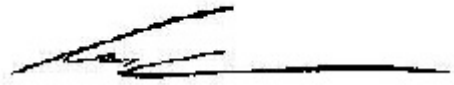
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110388

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q925899		3.14	0.083	2.16	8.22	148.0	2640	1.28	5.17	0.85	5.85	52.5	8.3	12	15.85	43.2
Q925900		4.44	0.063	0.78	8.65	45.9	1970	1.57	2.12	1.66	5.08	52.0	15.2	12	13.05	76.3
Q925901		3.10	0.063	0.93	8.80	68.1	1720	1.46	5.03	0.44	4.78	55.1	11.1	13	17.90	64.6
Q925902		4.35	0.263	2.27	7.87	173.5	1400	1.63	27.0	0.35	6.30	62.7	20.2	11	21.2	128.5
Q925903		4.07	0.017	0.77	6.80	34.3	3080	1.90	3.43	0.33	10.65	74.9	20.1	19	30.1	115.5
Q925904		3.07	0.041	0.42	8.44	29.3	2760	1.95	2.27	0.63	7.89	71.1	13.6	23	19.45	53.3
Q925905		4.34	0.009	0.24	9.73	14.7	2310	1.48	0.74	0.54	3.57	59.0	12.3	17	15.40	32.8
Q925877		3.85	0.465	3.45	7.89	117.0	9090	1.66	23.5	0.41	3.16	64.7	14.6	18	22.0	124.0
Q925878		3.33	0.704	5.21	8.49	130.5	2540	1.74	34.4	0.45	1.64	59.7	12.4	17	22.9	114.0
Q925879		3.76	0.039	0.60	8.34	32.9	2180	1.59	5.66	2.78	0.75	51.6	13.3	13	14.90	33.8
Q925880		4.36	0.135	0.50	8.09	48.6	1540	1.98	3.13	0.46	0.74	60.2	9.3	25	35.9	33.0
Q925881		3.57	0.261	1.00	9.34	111.5	1720	1.77	8.15	0.58	1.06	58.1	17.4	16	26.2	134.5
Q925882		4.07	1.970	2.42	9.03	197.0	1560	1.81	36.5	0.43	2.08	59.3	16.1	12	29.1	370
Q925883		4.09	0.166	0.61	8.34	81.9	2140	1.90	3.57	0.36	2.85	78.9	11.6	23	28.9	90.1
Q925884		4.19	0.016	0.20	7.96	32.8	2420	1.79	0.66	0.33	0.63	52.3	6.9	13	25.7	18.7
Q925885		3.51	0.022	0.14	8.03	18.3	1720	1.62	0.65	0.31	0.27	51.7	6.2	12	25.1	15.3
Q925886		3.13	0.008	0.17	7.94	19.8	980	1.68	0.39	0.42	0.34	54.8	6.0	12	22.6	15.5
Q925887		2.71	0.005	0.15	7.90	12.1	1150	1.64	0.24	0.93	0.76	49.0	5.9	12	25.6	15.0
Q925888		4.28	0.013	0.21	5.22	25.8	4220	1.55	0.26	2.36	3.02	20.7	5.0	11	24.5	10.4
Q925889		3.45	0.197	1.33	8.73	82.3	990	1.83	2.68	0.87	23.7	34.0	13.0	21	24.0	39.4
Q925890		2.85	0.442	3.13	8.06	348	1520	1.44	5.20	0.64	26.0	48.0	12.9	19	19.55	53.1
Q925891		4.97	0.134	0.41	7.44	54.0	740	1.52	2.06	1.86	12.65	23.8	13.6	20	25.5	53.7
Q925906		3.78	0.540	17.10	8.24	373	710	1.41	23.2	0.55	3.59	31.4	20.5	24	36.0	332
Q925907		4.90	0.045	0.76	8.56	109.5	620	1.92	12.60	0.58	0.74	40.9	13.4	15	41.7	407
Q925908		5.08	<0.005	0.02	0.06	0.8	20	0.07	0.10	19.75	0.08	1.09	0.6	1	0.24	3.0
Q925909		3.99	0.013	0.46	8.29	32.5	1920	1.82	0.37	0.76	4.17	59.3	7.2	6	22.7	24.7
Q925910		4.25	0.011	0.42	7.98	37.1	1740	1.73	0.31	0.72	3.81	56.7	7.9	6	23.1	15.2
Q925911		3.57	0.006	0.32	7.99	15.5	2230	1.84	0.34	0.97	3.07	56.8	5.7	5	17.85	9.5
Q925912		3.97	0.066	0.80	8.35	116.0	1290	1.81	0.99	0.35	6.17	56.3	4.5	5	28.0	21.1
Q925913		4.23	3.78	9.85	4.43	817	200	1.07	10.40	0.15	5.62	36.9	1.7	3	25.0	260
Q925914		3.09	0.276	1.69	7.99	419	1360	1.73	2.40	0.34	7.85	52.4	5.8	6	29.3	293
Q925915		3.59	0.025	0.58	8.17	48.1	2100	1.62	0.88	0.32	6.11	56.6	9.0	5	17.80	154.5
Q925916		3.10	0.049	0.73	8.35	62.6	2400	1.79	1.76	0.37	5.26	58.4	8.1	5	18.10	212
Q925917		3.68	0.026	0.77	8.69	57.3	1550	1.95	1.25	0.36	7.65	65.1	12.2	5	28.4	64.7
Q925945		0.26	0.942	11.60	6.68	1360	300	1.30	11.65	1.90	31.6	41.7	16.3	17	12.90	284
Q925946		<0.02	0.026	0.79	8.75	59.9	1560	1.90	1.21	0.36	7.58	62.5	12.1	6	27.6	64.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q925899		6.39	18.40	0.16	1.1	1.070	3.01	26.9	10.6	0.90	568	5.16	0.96	7.1	4.8	1240
Q925900		5.98	17.95	0.15	1.0	0.441	2.35	23.3	16.4	1.14	884	2.80	1.55	7.3	6.4	1380
Q925901		5.72	18.95	0.16	1.1	0.295	3.00	27.4	20.2	0.51	826	2.94	0.16	7.9	5.7	1340
Q925902		6.48	19.60	0.15	1.0	0.651	2.75	32.3	20.4	0.35	768	4.61	0.14	6.8	5.7	1100
Q925903		4.18	16.75	0.12	3.3	0.123	1.95	38.7	53.3	0.27	1780	4.28	0.04	8.4	8.3	1130
Q925904		3.73	20.0	0.14	3.7	0.152	2.22	34.8	57.5	0.32	1780	2.39	0.19	10.4	9.0	1410
Q925905		4.24	20.7	0.14	2.0	0.102	2.58	26.5	38.2	0.56	994	1.62	0.15	9.1	7.9	1550
Q925877		6.14	20.5	0.13	2.2	0.206	2.46	35.7	47.7	0.33	1540	7.58	0.09	8.3	8.2	1190
Q925878		6.04	21.2	0.14	1.9	0.243	2.75	33.1	41.7	0.35	846	7.78	0.54	8.4	7.1	1280
Q925879		4.88	19.10	0.15	1.0	0.339	2.27	23.9	20.2	1.46	1080	1.49	1.80	7.8	7.3	1360
Q925880		3.72	19.65	0.14	3.6	0.094	2.68	31.5	33.4	0.30	1300	3.10	0.07	10.0	10.8	990
Q925881		6.64	20.3	0.13	1.1	0.251	3.37	28.6	24.5	0.40	1390	3.36	0.30	7.3	8.3	1470
Q925882		7.30	23.7	0.14	0.9	0.246	3.27	30.1	27.9	0.35	1270	2.50	0.07	6.8	7.6	1450
Q925883		4.48	20.6	0.13	4.5	0.095	2.22	41.0	84.3	0.25	987	3.06	0.06	10.4	9.7	1480
Q925884		2.32	18.70	0.12	3.9	0.038	2.80	28.8	37.4	0.23	551	1.86	0.07	8.2	6.6	770
Q925885		2.14	18.90	0.11	3.8	0.032	2.82	28.0	36.4	0.24	480	0.81	0.09	8.0	6.3	750
Q925886		2.20	19.50	0.09	3.9	0.040	2.78	29.7	38.1	0.23	444	0.91	0.07	8.2	6.3	700
Q925887		2.21	19.35	0.12	3.9	0.028	2.86	24.4	33.9	0.22	462	1.18	0.07	8.0	6.2	700
Q925888		1.95	16.30	0.14	3.3	0.031	2.36	10.0	34.7	0.18	745	1.45	0.04	7.0	5.6	560
Q925889		6.63	21.4	0.12	1.4	0.696	2.28	12.6	29.3	0.23	2160	2.50	0.07	6.7	4.6	1110
Q925890		6.75	20.3	0.14	1.2	1.190	2.03	18.1	28.8	0.34	2260	3.57	0.13	6.2	3.9	980
Q925891		4.56	21.5	0.09	1.4	0.298	1.70	9.8	37.5	0.19	1310	2.43	0.10	6.8	3.5	1090
Q925906		8.38	19.00	<0.05	0.7	0.482	2.62	14.0	15.9	0.52	1410	11.80	0.23	5.2	5.1	1030
Q925907		6.68	23.5	0.05	0.9	0.209	1.94	19.9	28.2	0.52	790	2.32	0.37	5.6	4.0	950
Q925908		0.47	0.26	<0.05	<0.1	<0.005	0.02	0.5	1.1	12.30	199	0.30	<0.01	0.1	1.3	160
Q925909		2.63	17.10	0.07	1.2	0.083	2.83	31.1	20.8	0.48	731	1.86	1.38	8.4	3.1	650
Q925910		2.39	17.00	0.10	1.1	0.068	3.06	32.1	17.8	0.30	581	1.98	1.27	8.1	2.8	600
Q925911		2.61	17.20	0.12	1.3	0.076	3.04	31.0	23.5	0.50	504	1.92	1.61	8.4	2.5	560
Q925912		3.36	17.90	0.11	1.2	0.231	3.23	32.2	45.1	0.28	730	2.88	0.14	8.3	2.6	570
Q925913		7.37	11.00	0.06	0.6	0.531	1.84	21.3	25.6	0.17	193	9.06	0.03	3.9	1.2	240
Q925914		3.69	17.00	0.07	1.2	0.462	3.12	29.5	21.6	0.22	1160	4.15	0.05	7.7	2.8	570
Q925915		2.47	17.55	0.08	1.2	0.267	3.54	31.4	37.8	0.17	902	3.12	0.20	8.4	2.3	600
Q925916		3.62	17.15	0.10	1.2	0.291	3.40	33.3	28.5	0.22	875	2.68	0.44	7.8	3.0	580
Q925917		3.87	19.75	0.07	1.3	0.416	3.37	36.5	34.3	0.26	1040	3.94	0.38	9.0	2.8	670
Q925945		6.69	14.70	0.06	1.0	0.770	2.93	22.2	19.7	0.78	1820	8.36	0.13	5.8	11.6	540
Q925946		4.02	19.25	0.09	1.3	0.399	3.39	35.6	31.9	0.26	1070	3.61	0.38	8.9	3.0	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q925899		109.5	149.0	<0.002	0.16	6.04	15.7	1	6.0	216	0.49	0.84	9.2	0.373	2.24	5.3
Q925900		30.5	95.0	<0.002	0.14	6.47	17.6	1	4.2	355	0.47	0.34	11.5	0.400	1.32	4.6
Q925901		30.5	144.0	<0.002	0.09	8.09	17.5	2	5.0	70.5	0.53	0.79	13.3	0.425	2.11	4.7
Q925902		50.9	158.0	<0.002	0.62	17.20	16.7	1	9.4	56.8	0.48	1.93	11.9	0.343	2.02	4.9
Q925903		19.5	86.1	<0.002	0.11	44.1	9.3	<1	1.6	207	0.53	0.10	10.0	0.300	1.16	7.8
Q925904		21.0	91.2	<0.002	0.07	20.9	10.5	1	2.1	125.0	0.69	0.10	9.8	0.384	1.17	4.6
Q925905		20.7	96.7	<0.002	0.02	13.15	18.5	1	1.8	131.0	0.65	<0.05	12.4	0.457	1.20	3.2
Q925877		57.7	129.0	<0.002	0.44	19.00	13.7	1	4.6	266	0.58	0.50	9.8	0.362	1.80	4.5
Q925878		59.7	139.5	<0.002	0.16	19.05	14.5	1	5.5	218	0.56	1.05	10.3	0.390	1.91	4.6
Q925879		22.6	87.7	<0.002	0.28	4.79	18.6	1	4.2	493	0.55	0.41	11.7	0.426	1.44	3.0
Q925880		24.6	148.5	<0.002	0.20	21.4	10.6	1	2.4	190.5	0.76	0.22	10.6	0.316	2.35	6.4
Q925881		36.3	161.5	<0.002	0.11	31.2	20.3	1	5.7	123.5	0.55	0.70	12.6	0.457	2.73	4.2
Q925882		45.3	168.0	<0.002	0.20	41.0	20.6	1	7.2	50.3	0.48	1.52	10.1	0.442	2.93	5.1
Q925883		57.3	98.4	<0.002	0.07	22.5	9.3	1	2.2	312	0.66	0.16	10.1	0.408	1.55	4.4
Q925884		21.5	139.5	<0.002	0.06	10.60	7.1	1	1.2	291	0.70	<0.05	11.7	0.261	2.31	4.1
Q925885		19.5	138.5	<0.002	0.03	6.86	7.2	<1	1.2	299	0.67	<0.05	11.8	0.258	2.12	4.1
Q925886		21.9	136.5	<0.002	0.01	5.46	7.3	<1	1.3	158.5	0.71	0.05	12.3	0.250	1.95	4.1
Q925887		23.0	138.0	<0.002	0.02	7.06	7.3	1	1.2	173.5	0.68	<0.05	11.5	0.248	2.06	3.9
Q925888		22.8	82.5	<0.002	0.12	9.32	4.5	<1	1.2	203	0.60	<0.05	5.8	0.225	1.73	2.7
Q925889		206	108.5	<0.002	0.42	15.85	22.3	1	8.6	65.8	0.46	0.31	5.6	0.508	2.23	3.4
Q925890		504	104.5	<0.002	0.35	21.4	20.2	1	9.5	85.6	0.38	0.35	5.1	0.459	1.89	3.1
Q925891		19.3	61.7	<0.002	0.12	21.5	19.7	1	3.4	55.6	0.45	0.05	3.5	0.537	1.76	2.1
Q925906		1845	146.0	<0.002	0.26	14.80	25.3	2	6.3	64.6	0.32	1.44	4.3	0.434	2.69	3.9
Q925907		34.8	119.5	<0.002	0.17	17.85	20.1	1	5.1	84.9	0.37	1.74	5.2	0.421	2.43	2.2
Q925908		3.5	1.1	<0.002	<0.01	0.16	0.2	1	<0.2	44.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q925909		99.4	118.5	<0.002	0.03	6.80	11.5	1	1.7	182.5	0.71	0.05	14.2	0.266	1.68	2.9
Q925910		167.5	126.5	<0.002	0.05	5.66	10.2	1	1.6	165.5	0.67	0.08	14.3	0.244	1.92	3.0
Q925911		81.4	123.0	<0.002	0.04	4.29	10.2	1	1.4	224	0.78	0.10	15.2	0.233	1.55	2.8
Q925912		160.0	158.5	<0.002	0.12	11.55	11.2	1	3.2	69.4	0.70	0.10	14.9	0.246	2.81	4.2
Q925913		925	104.5	<0.002	3.36	59.6	5.7	1	8.3	47.7	0.32	0.50	7.4	0.118	2.10	3.7
Q925914		170.5	159.0	<0.002	0.18	23.6	10.0	1	2.3	51.1	0.65	0.18	13.7	0.231	3.00	5.1
Q925915		71.9	145.5	<0.002	0.12	18.50	10.8	1	1.9	90.7	0.73	0.08	15.3	0.242	2.27	4.3
Q925916		55.2	140.5	<0.002	0.18	15.70	11.6	1	3.0	99.9	0.69	0.44	14.3	0.240	1.97	3.9
Q925917		110.5	154.5	<0.002	0.08	12.55	11.8	1	2.8	61.1	0.80	0.21	18.1	0.250	2.66	5.9
Q925945		1305	160.0	<0.002	4.65	66.6	8.7	2	7.6	93.3	0.49	1.16	10.2	0.203	2.49	4.7
Q925946		112.0	150.5	<0.002	0.09	12.70	11.3	1	2.7	59.7	0.75	0.22	17.3	0.255	2.57	5.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q925899		147	2.8	17.0	775	34.0
Q925900		157	2.2	16.7	574	32.1
Q925901		162	5.4	17.3	495	34.0
Q925902		151	5.8	17.3	488	31.0
Q925903		74	2.2	23.3	681	148.0
Q925904		89	2.6	19.0	490	149.5
Q925905		160	3.7	17.4	229	78.0
Q925877		115	5.0	21.4	359	89.5
Q925878		136	6.3	17.5	224	73.7
Q925879		165	1.9	18.4	135	26.3
Q925880		91	2.1	18.3	96	135.5
Q925881		185	5.8	19.8	152	30.4
Q925882		177	4.4	21.5	212	25.2
Q925883		89	2.8	15.2	277	184.5
Q925884		59	1.8	11.7	76	148.0
Q925885		59	1.7	11.8	70	150.0
Q925886		58	1.5	12.9	91	150.5
Q925887		56	1.5	12.2	104	149.0
Q925888		50	1.7	6.5	205	129.0
Q925889		191	3.8	16.2	1740	41.6
Q925890		172	4.5	18.4	2360	31.0
Q925891		195	3.0	14.9	903	35.9
Q925906		187	4.5	28.3	420	16.3
Q925907		167	7.0	25.7	119	20.6
Q925908		1	0.1	0.8	16	<0.5
Q925909		74	3.7	18.3	391	32.0
Q925910		64	2.9	18.8	384	32.1
Q925911		62	1.2	15.3	300	35.5
Q925912		68	3.3	21.5	674	32.4
Q925913		36	5.9	9.6	507	16.6
Q925914		62	3.5	18.9	839	33.1
Q925915		66	1.9	17.6	588	34.2
Q925916		69	1.9	19.6	622	31.9
Q925917		69	2.3	21.3	740	35.9
Q925945		61	5.8	10.8	2420	26.8
Q925946		70	2.3	20.2	748	35.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110388

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

CERTIFICATE WH14110389

Project: KLAZA

P.O. No.: Batch 87

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110389

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927169		6.24	<0.005	0.31	6.68	28.4	2050	1.60	0.77	2.48	0.22	46.2	7.7	9	17.65	23.7
Q927170		4.56	<0.005	0.17	7.02	25.3	2080	1.43	0.42	2.71	0.16	47.0	7.1	8	21.4	16.3
Q927171		2.97	<0.005	0.19	7.64	8.8	2210	1.63	0.31	2.55	0.16	51.2	7.2	9	19.90	30.6
Q927172		7.24	<0.005	0.13	7.57	10.1	2080	1.48	0.33	2.30	0.13	55.3	7.0	10	19.65	29.4
Q927173		6.92	<0.005	0.15	7.45	10.3	2070	1.46	0.49	2.00	0.18	44.2	7.4	8	18.10	28.2
Q927174		6.89	<0.005	0.20	7.73	12.2	2260	1.59	0.46	2.41	0.19	52.2	7.5	11	14.15	25.7
Q927175		4.58	0.038	0.49	7.37	323	2890	1.52	0.60	2.95	3.16	49.2	7.5	11	20.0	17.6
Q927176		4.03	<0.005	0.01	0.10	0.6	50	0.06	0.02	20.0	0.06	1.16	0.8	1	0.23	2.5
Q927177		6.16	<0.005	0.24	7.21	23.0	2090	1.34	0.55	2.43	0.23	45.9	5.7	11	24.5	25.4
Q927178		2.13	0.036	0.33	7.52	69.5	1350	1.55	0.46	2.90	0.48	53.6	7.3	8	21.3	24.1
Q927179		5.31	<0.005	0.58	7.21	28.9	980	1.48	0.39	2.63	2.02	53.6	6.6	8	18.80	29.2
Q927180		1.91	1.185	2.40	7.20	536	1660	1.41	0.62	1.76	4.81	49.5	5.3	8	14.35	90.5
Q927181		2.56	<0.005	0.13	6.89	16.5	2100	1.46	0.30	2.16	0.14	42.5	5.7	8	14.35	52.0
Q927182		7.66	<0.005	0.09	6.42	16.4	1960	1.72	0.18	3.54	0.14	39.2	8.5	8	17.75	16.8
Q927183		4.14	<0.005	0.08	6.55	15.6	1980	1.71	0.19	3.06	0.12	40.2	8.8	8	18.05	19.8
Q927184		7.07	<0.005	0.12	6.70	7.7	2090	1.72	0.44	2.75	0.11	35.4	7.8	8	16.90	21.6
Q927185		7.23	<0.005	0.06	6.41	18.4	2270	1.46	0.25	3.24	0.15	36.0	9.3	8	16.60	38.0
Q927186		10.66	<0.005	0.05	6.79	10.0	2420	1.56	0.21	2.81	0.11	37.7	8.8	8	14.00	14.7
Q927187		0.25	0.887	10.95	6.65	1615	1330	1.64	12.05	1.85	32.6	46.7	17.8	17	13.70	279
Q927188		2.99	0.154	0.73	6.93	223	1520	1.43	0.17	2.52	0.16	43.1	8.5	8	20.4	18.0
Q927189		6.29	<0.005	0.05	6.95	17.0	3200	1.62	0.16	2.84	0.13	40.6	8.0	9	17.90	16.9
Q927190		2.87	1.135	53.6	6.33	2050	1100	1.71	2.13	3.05	31.6	48.7	8.7	6	18.70	230
Q927191		5.10	<0.005	0.02	0.07	0.7	50	0.06	0.02	21.1	0.08	1.20	0.8	<1	0.17	3.0
Q927192		3.77	0.135	3.05	6.22	361	2440	1.58	6.79	3.19	2.82	45.9	6.0	5	17.15	37.0
Q927193		7.39	0.009	0.16	6.99	26.4	1800	1.68	0.45	2.52	0.14	43.1	6.8	9	18.70	12.1
Q927194		7.66	<0.005	1.12	6.67	126.0	1660	1.54	0.22	2.73	5.13	35.6	8.4	6	17.60	25.5
Q927195		6.24	0.006	0.86	7.18	39.6	1470	1.74	1.26	2.96	2.15	43.6	8.1	7	18.20	12.5
Q927196		7.26	<0.005	0.72	6.60	43.5	3500	1.57	1.04	3.37	3.58	41.0	6.0	6	16.35	6.5
Q927197		<0.02	<0.005	0.71	6.59	42.4	3020	1.60	1.08	3.31	4.05	41.0	6.1	7	16.15	4.3
Q927198		7.84	<0.005	0.14	7.22	29.6	1820	1.46	0.41	1.95	0.36	42.2	7.6	8	16.80	15.2
Q927199		6.90	<0.005	0.06	6.85	15.4	2150	1.70	0.51	2.78	0.12	38.0	7.8	9	12.40	12.3
Q927200		0.38	0.358	4.31	6.95	748	1120	1.61	3.62	2.10	10.95	51.0	13.2	25	13.70	316
Q927201		4.31	<0.005	0.06	7.44	12.2	2120	2.05	0.52	2.45	0.13	49.6	6.8	9	12.60	14.6
Q927202		8.36	<0.005	0.11	5.97	30.4	2190	1.82	0.73	4.10	0.18	36.3	6.5	7	12.60	5.6
Q927203		6.07	0.093	3.29	6.26	362	2440	1.54	1.59	3.23	5.33	35.6	2.8	4	11.45	101.5
Q927204		5.98	0.061	5.36	7.17	347	1790	1.81	0.49	2.20	1.03	41.4	5.4	5	13.25	105.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927169		2.85	16.95	0.28	1.4	0.085	3.01	23.4	143.5	0.79	1220	1.05	0.19	8.2	3.0	570
Q927170		2.76	15.35	0.24	1.2	0.045	3.17	23.8	128.5	0.85	1060	0.84	0.19	7.5	2.5	610
Q927171		2.95	16.60	0.35	1.3	0.048	3.05	25.4	19.5	0.73	685	0.96	1.81	8.0	2.8	630
Q927172		2.79	16.20	0.36	1.4	0.056	2.90	27.7	31.2	0.69	608	2.31	1.35	8.1	2.5	630
Q927173		2.90	15.55	0.33	1.3	0.044	2.93	21.8	28.5	0.64	661	2.43	1.46	7.9	2.3	630
Q927174		2.99	16.20	0.37	1.4	0.048	2.96	26.2	18.7	0.79	711	1.75	2.23	8.2	2.6	640
Q927175		3.29	15.85	0.31	1.2	0.097	3.28	24.4	50.2	0.99	1550	2.19	0.50	7.9	2.8	670
Q927176		0.48	0.36	0.29	<0.1	<0.005	0.05	0.5	1.3	12.50	212	0.41	0.01	0.2	1.5	200
Q927177		2.85	15.60	0.35	1.1	0.053	3.32	22.8	72.9	0.77	911	0.64	0.46	7.7	2.5	610
Q927178		2.94	15.80	0.35	1.2	0.074	3.08	27.8	79.8	1.04	1300	2.44	0.06	8.0	2.7	640
Q927179		2.73	15.40	0.36	1.2	0.068	2.77	27.8	96.8	0.95	1260	0.90	0.05	7.5	2.3	600
Q927180		3.41	15.70	0.31	1.1	0.174	4.06	25.5	27.1	0.64	2330	1.86	0.29	7.4	2.4	580
Q927181		2.75	14.80	0.31	1.2	0.064	3.19	20.7	17.2	0.65	611	1.04	1.46	7.4	2.2	580
Q927182		2.92	16.45	0.09	1.5	0.031	2.76	18.9	25.7	0.97	805	0.58	1.15	8.5	2.4	590
Q927183		2.93	16.65	0.09	1.6	0.038	2.76	18.6	25.5	0.92	753	0.69	1.26	8.8	2.5	620
Q927184		2.87	17.05	0.10	1.5	0.061	2.51	16.4	12.4	0.67	607	2.34	2.42	9.0	2.6	650
Q927185		2.80	16.35	0.08	1.5	0.045	2.71	16.8	21.8	0.89	824	0.87	1.21	8.7	2.3	610
Q927186		2.82	16.45	0.10	1.6	0.038	2.82	17.4	12.9	0.64	597	0.82	2.05	8.6	2.5	610
Q927187		6.57	15.50	0.15	1.1	0.770	2.85	24.0	20.1	0.77	1800	10.20	0.13	7.1	11.8	550
Q927188		2.56	16.35	0.11	1.4	0.033	3.60	20.8	19.3	0.82	2110	0.68	0.29	8.6	2.6	600
Q927189		2.84	16.75	0.08	1.6	0.041	2.89	18.7	14.0	0.67	860	1.10	1.76	8.8	2.5	620
Q927190		3.72	15.85	0.09	1.0	0.682	2.49	26.6	27.0	1.03	11400	19.25	0.05	7.1	3.5	530
Q927191		0.48	0.38	0.37	<0.1	0.005	0.03	0.6	1.2	13.30	223	0.12	0.01	0.2	2.3	170
Q927192		3.06	14.95	0.10	1.4	0.093	2.74	24.4	27.7	0.99	7860	4.34	0.04	7.3	2.0	480
Q927193		2.86	17.50	0.11	1.5	0.069	2.64	20.0	15.6	0.61	1040	1.58	1.94	9.1	2.7	630
Q927194		2.65	17.60	0.10	1.6	0.034	2.60	16.5	38.7	0.68	5390	2.03	0.10	9.1	2.4	620
Q927195		2.75	17.65	0.10	1.7	0.062	2.90	21.2	31.2	0.95	2020	1.00	0.04	9.0	3.1	650
Q927196		2.88	16.05	0.10	1.2	0.166	2.99	21.4	23.1	1.13	3240	0.84	0.03	6.7	1.9	510
Q927197		2.86	16.10	0.10	1.2	0.167	2.97	21.3	23.8	1.11	2920	0.82	0.03	6.9	1.9	520
Q927198		2.83	17.65	0.10	1.8	0.039	3.22	19.6	30.5	0.61	1120	0.83	0.13	9.5	2.6	640
Q927199		2.84	17.00	0.09	1.8	0.047	2.91	17.3	12.2	0.69	662	1.25	1.92	9.1	2.6	600
Q927200		5.13	16.35	0.14	1.2	0.307	2.99	28.0	27.6	0.81	1920	15.15	0.16	7.3	15.4	530
Q927201		3.33	17.85	0.11	2.0	0.045	2.90	22.9	13.1	0.83	665	1.20	2.34	10.4	2.5	680
Q927202		3.01	16.55	0.09	1.6	0.086	2.41	16.4	13.1	0.38	1060	1.41	1.75	8.7	2.4	560
Q927203		3.32	14.10	0.09	1.6	0.230	2.99	19.4	22.1	0.84	5200	3.89	0.05	8.3	1.7	400
Q927204		3.31	17.45	0.09	1.8	0.200	3.36	19.3	16.0	0.54	8010	1.81	0.94	9.3	2.4	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927169		20.5	129.0	<0.002	0.27	17.30	10.4	1	2.8	166.0	0.70	<0.05	13.4	0.233	2.32	4.4
Q927170		15.8	135.5	<0.002	0.19	15.85	10.4	1	1.8	191.5	0.57	<0.05	14.7	0.246	1.70	3.5
Q927171		21.8	132.0	<0.002	0.03	7.03	10.9	1	1.7	346	0.66	<0.05	15.7	0.261	1.30	4.5
Q927172		17.7	125.0	<0.002	0.04	9.81	10.7	1	1.7	287	0.66	<0.05	15.9	0.257	1.24	4.5
Q927173		18.2	121.5	<0.002	0.03	13.55	10.2	<1	1.6	275	0.64	<0.05	14.1	0.256	1.18	4.3
Q927174		21.3	130.5	<0.002	0.01	4.27	10.8	1	1.7	412	0.67	<0.05	15.1	0.256	1.16	4.2
Q927175		91.5	148.5	<0.002	0.31	16.40	11.4	1	2.3	222	0.62	<0.05	13.5	0.255	1.96	4.0
Q927176		1.9	1.9	<0.002	0.01	0.12	0.2	1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q927177		19.8	142.0	<0.002	0.07	17.10	10.0	1	2.1	203	0.60	<0.05	13.7	0.249	1.79	3.8
Q927178		22.5	149.5	<0.002	0.29	22.8	11.1	1	1.9	199.0	0.64	<0.05	15.9	0.258	2.11	4.5
Q927179		72.0	145.0	<0.002	0.18	22.7	10.4	1	1.8	195.0	0.62	<0.05	16.0	0.239	1.96	4.8
Q927180		173.5	205	<0.002	1.39	25.2	10.0	1	3.2	128.5	0.59	<0.05	13.9	0.239	2.56	4.5
Q927181		15.7	137.5	<0.002	0.07	7.97	9.4	1	2.2	313	0.61	<0.05	12.7	0.236	1.51	3.7
Q927182		18.7	96.5	<0.002	0.10	4.42	10.2	1	1.8	253	0.67	<0.05	10.6	0.240	1.52	3.1
Q927183		16.6	99.5	<0.002	0.10	4.18	11.4	1	2.0	248	0.67	<0.05	10.3	0.255	1.56	3.1
Q927184		17.8	86.3	<0.002	0.03	2.88	11.6	1	2.2	374	0.65	<0.05	9.1	0.269	1.15	2.1
Q927185		18.0	94.7	<0.002	0.13	5.78	11.1	1	2.0	252	0.63	<0.05	9.7	0.253	1.60	2.3
Q927186		17.7	103.0	<0.002	0.07	2.03	11.0	1	1.9	373	0.60	<0.05	10.3	0.251	1.21	2.2
Q927187		1295	171.0	<0.002	4.72	63.2	10.2	2	8.2	100.0	0.55	1.08	11.9	0.209	2.45	5.3
Q927188		26.3	157.5	<0.002	0.89	16.45	11.3	1	1.8	134.0	0.58	<0.05	11.1	0.251	2.52	4.0
Q927189		17.5	112.5	<0.002	0.10	6.00	11.6	1	2.0	335	0.66	<0.05	10.8	0.249	1.43	2.6
Q927190		3510	155.5	0.003	2.15	186.5	10.4	1	3.3	132.0	0.54	0.17	11.9	0.218	2.44	5.1
Q927191		2.3	1.2	<0.002	0.01	0.11	0.2	<1	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q927192		117.5	163.0	<0.002	1.23	40.8	10.1	<1	2.2	85.7	0.62	<0.05	13.7	0.197	2.44	5.6
Q927193		17.9	99.7	<0.002	0.24	10.60	11.6	1	2.5	269	0.67	<0.05	11.2	0.269	1.69	2.5
Q927194		109.5	90.6	<0.002	0.23	18.35	10.9	1	2.2	142.5	0.69	<0.05	10.4	0.250	1.99	2.8
Q927195		63.3	112.5	<0.002	0.29	13.00	11.9	<1	2.1	124.0	0.66	<0.05	12.4	0.251	2.38	3.9
Q927196		76.4	165.0	<0.002	0.34	11.75	10.0	<1	1.9	83.9	0.48	<0.05	10.5	0.197	2.25	3.2
Q927197		75.3	160.0	<0.002	0.34	11.70	10.0	<1	1.9	80.8	0.49	<0.05	10.3	0.204	2.31	3.3
Q927198		22.5	116.0	<0.002	0.15	17.75	11.5	<1	2.0	120.5	0.73	<0.05	12.5	0.262	1.95	3.2
Q927199		18.2	105.0	<0.002	0.08	3.51	10.8	1	1.9	335	0.75	<0.05	10.6	0.248	1.38	2.8
Q927200		489	176.0	0.003	2.77	29.5	10.8	1	6.0	117.0	0.56	0.34	12.8	0.210	2.45	5.5
Q927201		19.0	110.0	<0.002	0.03	4.66	13.9	1	2.4	412	0.87	<0.05	13.6	0.282	1.26	3.3
Q927202		17.1	98.2	<0.002	0.04	9.09	9.7	1	3.3	263	0.67	<0.05	9.7	0.240	1.57	3.1
Q927203		361	197.5	<0.002	0.88	53.0	8.3	<1	3.3	91.3	0.77	<0.05	16.4	0.169	2.44	5.7
Q927204		1145	161.5	<0.002	0.47	49.8	12.0	1	2.1	183.5	0.74	<0.05	12.5	0.258	2.30	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110389

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927169		66	4.3	15.1	58	35.6
Q927170		69	2.9	16.3	55	34.8
Q927171		73	1.6	17.5	56	37.7
Q927172		70	2.2	17.7	50	39.2
Q927173		71	3.2	16.2	62	36.5
Q927174		72	2.3	18.3	64	41.0
Q927175		73	3.7	17.5	270	35.9
Q927176		2	1.0	0.8	13	<0.5
Q927177		70	2.5	15.0	64	34.8
Q927178		74	3.3	16.9	90	33.8
Q927179		66	3.2	16.9	180	36.1
Q927180		67	9.2	13.8	414	33.6
Q927181		64	3.8	14.4	46	35.5
Q927182		67	1.0	15.8	45	43.1
Q927183		75	1.0	15.5	43	43.7
Q927184		77	0.9	15.1	42	45.8
Q927185		74	1.8	14.5	45	44.6
Q927186		71	1.1	15.0	41	47.9
Q927187		63	6.1	12.4	2400	30.7
Q927188		68	5.9	13.6	39	42.9
Q927189		72	1.7	15.5	53	48.3
Q927190		67	9.6	14.5	4580	31.0
Q927191		2	0.1	0.7	15	<0.5
Q927192		53	3.2	14.0	263	37.7
Q927193		70	2.2	13.5	49	42.2
Q927194		70	3.4	14.4	378	45.8
Q927195		72	3.3	15.9	170	51.3
Q927196		64	2.5	13.8	214	33.2
Q927197		64	2.6	13.7	237	34.4
Q927198		74	3.4	14.8	70	50.3
Q927199		70	1.9	14.8	45	48.2
Q927200		68	5.9	13.4	901	34.6
Q927201		89	2.5	19.4	57	56.6
Q927202		71	2.3	16.3	69	51.2
Q927203		50	3.2	14.3	560	42.5
Q927204		73	4.8	14.9	212	52.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14110389

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14111980

Project: Klaza

P.O. No.: Batch 88

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

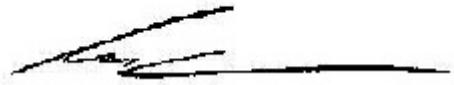
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111980

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926148		8.37	0.013	0.70	7.20	884	1690	1.30	2.05	2.47	0.64	42.7	9.2	12	14.20	108.5
Q926149		6.46	0.091	1.43	6.84	4900	1370	1.22	7.00	1.70	0.28	32.6	10.8	12	16.60	267
Q926150		5.03	0.043	2.57	6.72	981	1900	1.35	6.64	2.63	1.55	47.1	10.3	11	15.85	253
Q926151		7.80	0.005	0.57	7.26	38.8	1710	1.60	1.29	1.63	0.46	43.9	8.3	9	11.15	78.4
Q926152		0.25	0.905	11.70	6.54	1545	870	1.48	12.05	1.82	33.2	48.1	18.5	19	14.20	290
Q926153		7.42	0.029	1.50	7.33	196.5	1130	1.67	0.75	2.00	3.77	44.3	8.8	13	20.2	45.0
Q926154		3.94	0.009	2.97	6.97	121.5	1020	1.32	10.90	1.87	2.35	51.0	9.2	11	12.45	201
Q926155		3.69	2.02	11.80	6.99	6460	680	1.39	5.54	1.12	75.7	40.5	10.4	11	15.10	621
Q926156		6.16	<0.005	0.03	0.05	4.4	20	<0.05	0.02	19.95	0.10	1.19	0.8	1	0.11	3.0
Q926157		5.91	0.074	0.45	7.13	285	2050	1.67	0.61	2.66	6.71	38.2	8.4	15	13.70	58.2
Q926158		9.22	<0.005	0.35	7.59	11.2	1550	1.69	0.43	1.69	0.24	42.4	9.4	12	20.6	29.4
Q926159		5.70	0.045	6.28	6.49	52.7	1380	1.36	2.10	2.00	2.19	39.3	8.1	10	20.7	233
Q926160		<0.02	0.039	5.64	6.91	42.6	1460	1.44	2.66	2.09	1.94	44.6	8.9	10	22.0	167.5
Q926161		4.71	<0.005	0.54	7.11	10.3	1780	1.57	0.24	2.23	0.24	41.0	7.9	12	13.90	41.8
Q926162		7.80	0.029	0.78	6.74	53.9	1580	1.57	0.14	3.58	0.59	45.2	8.1	12	15.45	66.9
Q926163		6.50	<0.005	0.11	7.41	6.1	2220	1.56	0.20	2.54	0.10	50.6	8.6	11	14.25	11.5
Q926164		3.77	0.007	0.25	6.33	10.2	530	1.44	0.49	3.32	0.20	56.7	8.8	13	13.85	6.9
Q926165		6.74	0.071	2.90	6.92	218	920	1.54	1.09	2.15	3.10	46.8	9.4	11	16.35	109.5
Q926166		1.21	0.020	0.80	7.18	131.0	1040	2.24	0.15	2.13	0.93	58.9	7.0	14	27.9	30.7
Q926167		3.12	0.044	2.66	7.27	288	1060	1.43	0.46	2.92	2.63	48.5	8.2	10	14.85	269
Q926168		3.69	<0.005	0.33	7.18	35.8	1360	1.56	0.41	2.07	0.40	49.3	9.0	12	19.85	17.6
Q926169		7.12	<0.005	0.12	7.02	14.6	1220	1.39	0.13	1.66	0.12	39.8	6.6	14	22.7	18.3
Q926170		6.66	0.029	0.35	7.64	178.5	1180	1.71	0.38	2.65	1.38	51.7	14.4	8	11.70	7.5
Q926171		4.74	<0.005	0.08	6.81	27.6	1210	1.53	0.11	2.33	0.14	39.6	6.0	10	15.95	11.8
Q926172		11.17	0.007	0.68	7.10	28.2	1700	1.49	0.22	2.28	0.18	45.5	7.8	13	19.95	350
Q926173		5.95	0.007	0.61	6.90	28.4	1730	1.49	0.21	2.36	0.22	38.7	8.4	14	19.45	377
Q926174		7.76	0.005	0.39	6.96	22.8	1680	1.36	0.22	2.56	0.12	49.2	8.3	10	13.60	175.0
Q926175		8.08	0.005	0.28	6.27	8.7	1840	1.31	0.20	3.39	0.12	37.3	7.9	11	11.90	165.5
Q926176		0.29	0.341	4.21	6.20	640	630	1.36	3.11	1.84	9.95	46.0	11.6	22	12.75	294
Q926177		6.85	<0.005	0.15	6.83	13.0	1140	1.50	0.31	3.30	0.14	58.0	12.0	11	17.50	10.2
Q926178		5.47	<0.005	0.02	0.04	0.7	20	0.05	0.02	19.00	0.06	1.13	0.7	1	0.11	7.7
Q926179		9.10	<0.005	0.05	7.02	3.4	1840	1.59	0.12	2.22	0.10	46.6	8.4	11	15.45	13.1
Q926180		6.59	<0.005	0.20	7.31	5.7	2540	1.54	0.15	2.69	0.10	48.2	8.6	14	12.45	112.0
Q926181		7.07	0.182	0.20	7.55	8.8	2070	1.75	0.49	1.94	0.40	52.8	5.7	13	18.60	10.7
Q926182		8.27	<0.005	0.12	7.74	7.5	1370	1.73	0.28	2.27	0.33	51.5	5.6	13	21.4	11.2
Q926183		8.58	<0.005	0.05	7.56	7.6	2420	1.52	0.12	2.06	0.12	48.2	7.9	13	21.0	9.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926148		2.91	16.15	0.20	1.2	0.097	2.53	20.3	28.5	0.74	724	1.77	0.11	8.3	2.7	640
Q926149		3.16	16.15	0.22	1.2	0.113	2.39	14.7	31.4	0.53	685	2.55	0.08	7.9	2.7	600
Q926150		3.10	14.80	0.25	0.9	0.134	3.10	24.5	23.7	0.79	2570	16.90	0.07	6.8	3.0	560
Q926151		3.55	15.70	0.22	1.0	0.084	2.81	20.9	26.6	0.82	1160	8.00	0.32	7.7	2.6	630
Q926152		6.36	15.70	0.14	1.1	0.774	2.80	24.2	18.9	0.75	1710	9.11	0.12	6.6	12.6	530
Q926153		3.67	17.85	0.18	1.2	0.122	3.23	20.7	37.6	0.71	3940	7.79	0.05	8.6	3.0	640
Q926154		4.11	16.50	0.20	1.0	0.154	2.81	26.3	24.1	0.86	1120	2.78	0.08	7.4	2.7	630
Q926155		6.04	16.45	0.17	1.1	1.255	2.76	20.4	63.6	0.55	1600	8.68	0.06	7.2	3.0	560
Q926156		0.47	0.28	0.20	<0.1	0.007	0.02	0.6	1.1	12.60	209	0.18	<0.01	0.1	1.6	190
Q926157		3.15	16.55	0.22	1.2	0.160	2.75	17.0	35.5	0.83	842	2.93	1.39	8.6	2.8	620
Q926158		3.27	17.60	0.29	1.2	0.048	2.48	19.7	135.5	0.71	1380	1.57	0.07	8.9	2.9	690
Q926159		3.23	14.85	0.25	0.9	0.087	2.55	18.8	138.0	0.65	2530	1.58	0.06	7.1	2.6	570
Q926160		3.30	15.75	0.25	1.0	0.081	2.68	22.2	148.0	0.68	2630	1.45	0.06	7.4	2.5	590
Q926161		3.09	17.05	0.25	1.1	0.069	2.92	19.0	25.4	0.67	1630	1.62	0.63	8.1	2.6	620
Q926162		3.20	16.50	0.27	1.1	0.050	2.98	21.6	26.5	0.79	2740	2.03	0.48	7.9	2.7	590
Q926163		3.10	17.10	0.31	1.2	0.046	2.76	24.2	32.2	0.81	866	1.21	0.90	8.3	3.0	630
Q926164		3.16	13.60	0.29	1.1	0.068	2.97	30.2	53.4	1.10	2060	1.27	0.03	7.7	2.7	640
Q926165		4.09	15.45	0.25	1.0	0.160	3.14	24.9	50.2	0.81	2300	5.27	0.04	7.3	2.6	570
Q926166		2.67	17.60	0.27	2.7	0.055	2.44	30.1	46.1	0.81	2610	5.10	0.03	9.3	4.4	890
Q926167		3.78	16.00	0.23	0.9	0.166	3.20	25.7	21.2	1.01	4740	2.61	0.03	7.1	2.6	590
Q926168		3.14	16.20	0.26	1.0	0.100	3.05	25.8	31.7	0.82	1700	1.39	0.03	7.7	3.1	600
Q926169		2.84	16.75	0.23	1.0	0.057	2.27	18.5	75.7	0.60	1020	1.72	0.05	8.2	2.6	620
Q926170		5.72	17.30	0.22	1.1	0.246	3.88	25.7	7.7	1.08	3840	0.36	0.03	7.9	2.6	630
Q926171		2.85	15.60	0.23	1.0	0.061	2.93	18.8	70.9	0.78	1380	1.31	0.05	7.3	2.2	590
Q926172		2.78	15.95	0.27	0.9	0.080	2.69	22.6	34.5	0.72	832	3.39	1.02	7.0	2.7	670
Q926173		2.82	16.60	0.28	0.9	0.088	2.78	17.7	36.2	0.73	913	2.63	0.93	7.3	2.9	680
Q926174		2.75	15.80	0.34	1.0	0.054	2.63	24.3	25.7	0.77	859	11.45	1.01	7.8	2.7	630
Q926175		2.32	14.10	0.37	0.8	0.047	2.39	18.2	21.4	0.74	715	3.63	1.19	6.8	2.1	540
Q926176		4.48	14.70	0.27	1.1	0.278	2.68	25.0	23.5	0.70	1650	14.45	0.13	5.9	13.3	470
Q926177		3.54	15.35	0.27	0.8	0.096	2.65	32.4	37.0	0.91	1540	11.15	0.38	6.8	2.6	530
Q926178		0.45	0.32	0.27	<0.1	0.006	0.02	0.5	1.2	11.95	193	0.19	<0.01	0.1	1.6	160
Q926179		3.24	16.05	0.35	1.0	0.040	2.74	22.4	23.8	0.79	638	1.39	1.04	7.7	2.7	600
Q926180		3.30	17.20	0.37	1.1	0.053	2.86	22.4	17.9	0.81	865	1.79	1.57	8.2	3.0	630
Q926181		3.81	15.50	0.19	0.9	0.145	3.65	28.9	42.7	0.83	1640	1.01	0.04	7.0	2.7	640
Q926182		3.26	15.95	0.29	0.8	0.141	3.47	27.3	58.5	0.79	1320	1.09	0.04	7.5	2.0	660
Q926183		3.36	15.80	0.29	0.9	0.071	2.86	25.4	53.7	0.84	1030	1.09	0.23	7.6	2.4	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926148		40.1	83.3	<0.002	0.38	13.90	10.8	1	3.7	182.5	0.75	0.12	11.8	0.280	1.42	4.8
Q926149		31.7	84.5	<0.002	0.88	25.8	10.1	1	5.2	119.5	0.73	0.64	10.8	0.264	1.75	3.8
Q926150		99.1	166.0	0.003	0.88	53.2	9.9	1	4.1	134.0	0.56	0.10	11.9	0.244	2.42	3.5
Q926151		30.2	113.0	<0.002	0.39	7.99	11.2	1	3.1	180.5	0.62	0.06	12.4	0.275	1.58	3.5
Q926152		1280	168.5	0.002	4.61	63.3	9.4	2	8.3	97.0	0.56	1.05	12.7	0.205	2.62	5.6
Q926153		216	159.5	0.002	1.04	22.4	12.0	1	3.3	137.5	0.74	<0.05	12.0	0.285	2.71	5.5
Q926154		166.5	167.5	<0.002	1.55	51.7	11.5	1	18.6	108.5	0.58	0.12	13.3	0.255	2.44	5.0
Q926155		1570	148.5	<0.002	4.23	118.0	11.0	1	5.7	97.1	0.58	0.08	12.2	0.247	1.84	6.1
Q926156		2.7	0.9	<0.002	<0.01	0.21	0.1	<1	0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q926157		41.0	116.0	<0.002	0.22	7.99	10.7	1	2.6	299	0.87	<0.05	11.2	0.266	1.51	4.9
Q926158		20.5	102.5	<0.002	0.14	19.35	12.4	1	2.3	155.5	0.73	<0.05	12.5	0.296	1.43	3.3
Q926159		79.4	111.0	<0.002	0.65	48.2	10.1	1	2.8	145.0	0.56	0.36	10.9	0.255	1.65	3.5
Q926160		85.1	122.5	<0.002	0.66	44.2	10.7	1	3.0	154.0	0.60	0.46	12.2	0.255	1.77	3.8
Q926161		26.0	122.0	<0.002	0.12	9.57	11.1	1	2.1	234	0.64	<0.05	11.1	0.273	1.72	2.9
Q926162		36.2	136.5	<0.002	0.33	14.35	10.9	1	2.0	248	0.65	<0.05	12.1	0.262	1.95	4.6
Q926163		19.5	120.0	<0.002	0.05	4.79	11.9	1	1.7	313	0.71	<0.05	13.9	0.276	1.52	3.9
Q926164		20.0	203	<0.002	0.28	6.78	11.6	1	1.5	115.0	0.64	<0.05	15.2	0.261	2.27	3.6
Q926165		92.0	191.0	<0.002	1.94	58.6	10.8	1	2.1	119.5	0.57	<0.05	12.7	0.247	2.31	4.5
Q926166		78.7	133.0	<0.002	0.44	46.5	8.6	1	1.7	650	0.70	<0.05	10.7	0.289	2.68	15.1
Q926167		158.5	219	<0.002	1.02	62.7	10.6	1	3.2	91.2	0.55	<0.05	12.4	0.247	2.84	3.7
Q926168		30.7	175.5	<0.002	0.42	17.30	11.3	1	2.2	116.0	0.62	<0.05	13.1	0.266	2.78	4.1
Q926169		12.6	91.2	<0.002	0.09	20.9	11.2	1	1.8	128.5	0.67	<0.05	11.2	0.271	1.57	2.6
Q926170		31.1	194.5	<0.002	1.23	14.35	11.4	1	2.8	67.9	0.67	<0.05	14.7	0.265	2.78	11.2
Q926171		11.0	120.5	<0.002	0.20	11.25	10.0	<1	1.6	173.0	0.58	<0.05	11.1	0.258	2.18	3.2
Q926172		17.5	125.0	<0.002	0.07	20.6	10.4	1	2.0	279	0.56	<0.05	14.2	0.255	1.58	3.4
Q926173		18.6	113.0	<0.002	0.08	21.5	10.2	1	2.0	267	0.58	<0.05	12.0	0.261	1.71	3.1
Q926174		16.4	109.5	0.002	0.06	24.8	10.9	1	1.8	244	0.60	<0.05	14.6	0.255	1.40	3.8
Q926175		12.7	96.1	<0.002	0.07	13.80	9.3	1	1.6	250	0.54	<0.05	9.8	0.239	1.25	3.2
Q926176		437	151.0	0.004	2.48	27.0	8.6	1	5.3	100.0	0.50	0.27	11.5	0.189	2.29	5.0
Q926177		11.7	147.0	0.002	0.41	8.79	10.1	1	1.9	157.0	0.54	<0.05	12.3	0.237	1.84	3.5
Q926178		1.6	0.9	<0.002	<0.01	0.10	0.1	1	0.2	45.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q926179		18.1	107.0	<0.002	0.02	4.43	10.9	1	1.7	301	0.60	<0.05	11.9	0.263	1.34	3.4
Q926180		18.2	110.5	<0.002	0.05	10.45	11.4	1	1.8	333	0.65	<0.05	12.2	0.275	1.38	4.5
Q926181		14.2	185.5	<0.002	0.45	9.89	11.6	1	2.1	122.0	0.50	<0.05	10.0	0.253	2.21	2.8
Q926182		15.7	178.0	<0.002	0.23	11.10	12.1	1	2.3	139.0	0.52	<0.05	11.0	0.267	2.21	2.7
Q926183		12.7	128.5	<0.002	0.11	9.24	11.6	1	2.0	188.0	0.57	<0.05	11.1	0.264	1.50	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926148		77	6.6	14.6	105	27.8
Q926149		76	6.4	11.3	65	29.2
Q926150		70	6.2	13.3	253	20.4
Q926151		80	4.5	13.0	89	23.9
Q926152		62	6.4	12.1	2310	29.8
Q926153		82	6.9	13.9	321	25.7
Q926154		79	8.9	14.9	308	22.5
Q926155		74	5.1	12.7	7000	23.7
Q926156		2	0.1	0.7	22	<0.5
Q926157		77	2.6	14.6	610	25.9
Q926158		83	8.9	14.2	71	26.9
Q926159		74	5.9	12.8	210	21.3
Q926160		77	6.1	14.1	192	22.0
Q926161		77	4.7	14.4	70	25.2
Q926162		75	4.6	15.3	81	25.3
Q926163		78	3.2	16.5	54	25.8
Q926164		68	2.1	14.7	68	25.8
Q926165		73	3.5	13.2	372	23.2
Q926166		69	5.6	15.1	128	90.7
Q926167		72	5.0	14.6	355	19.5
Q926168		78	2.6	13.4	80	20.9
Q926169		74	4.5	12.9	54	22.0
Q926170		74	6.7	14.9	158	22.7
Q926171		75	2.6	12.6	54	21.4
Q926172		72	20.1	14.1	65	18.9
Q926173		75	17.4	12.9	67	20.9
Q926174		74	3.0	13.3	60	22.5
Q926175		66	4.9	12.1	43	19.5
Q926176		61	5.8	11.1	774	28.3
Q926177		72	3.5	14.6	79	19.6
Q926178		2	0.1	0.8	13	<0.5
Q926179		76	1.0	13.0	58	21.9
Q926180		80	1.2	14.0	60	23.8
Q926181		81	3.4	12.6	102	20.1
Q926182		80	3.0	13.3	80	20.2
Q926183		80	2.6	15.4	62	21.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111980

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14111981

Project: Klaza

P.O. No.: Batch 89

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111981

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927205		4.08	<0.005	0.09	7.57	11.3	2050	1.75	0.30	1.72	0.09	45.2	6.7	12	13.40	6.0
Q927206		8.09	0.006	0.34	7.16	42.5	1850	1.63	1.24	2.37	0.21	42.8	7.2	11	17.80	15.8
Q927207		3.90	<0.005	0.15	7.53	66.0	2080	1.78	0.62	3.12	0.17	49.2	8.2	10	22.0	5.7
Q927208		4.80	<0.005	0.09	6.92	8.1	2380	1.40	0.28	3.78	0.11	45.5	6.5	8	17.05	11.2
Q927209		<0.02	<0.005	0.08	7.00	7.1	2400	1.36	0.28	3.82	0.15	46.9	6.5	8	17.30	10.5
Q927210		10.53	0.202	6.41	6.77	192.0	1810	1.31	3.03	3.04	2.26	49.9	11.9	13	10.70	1215
Q927211		9.86	0.005	0.13	7.59	7.5	2300	1.76	0.28	2.59	0.10	48.6	7.4	13	11.20	25.3
Q927212		11.39	<0.005	0.15	7.49	9.0	2180	1.72	0.32	2.63	0.12	47.3	7.5	13	11.00	15.1
Q927213		8.32	<0.005	0.10	7.49	8.2	2310	1.71	0.21	2.51	0.10	44.0	7.4	11	10.90	11.3
Q927214		0.29	0.388	4.58	6.90	732	460	1.47	3.53	2.00	11.40	51.0	12.2	24	12.65	317
Q927215		8.17	<0.005	0.12	7.42	9.2	2320	1.41	0.34	1.71	0.14	38.9	7.2	20	11.10	12.9
Q927216		3.54	<0.005	0.08	7.73	9.5	2450	1.82	0.32	2.53	0.11	46.8	7.9	16	9.89	10.3
Q927217		7.97	<0.005	0.19	7.35	13.1	2250	1.39	0.75	2.38	0.16	45.8	8.3	12	9.38	28.9
Q927218		8.95	<0.005	0.15	7.48	9.8	2170	1.82	0.42	2.43	0.14	53.7	7.2	14	9.91	29.6
Q927219		0.30	0.889	12.30	6.73	1620	750	1.52	12.50	1.83	34.8	48.5	17.9	17	13.05	287
Q927220		4.60	<0.005	0.17	7.27	9.6	2270	1.72	0.53	2.64	0.13	48.3	7.8	13	13.60	22.5
Q927221		4.35	0.142	2.31	6.78	438	2450	1.55	0.70	2.87	1.84	50.7	18.2	12	12.70	34.0
Q927222		4.58	<0.005	0.01	0.07	<0.2	60	0.08	0.02	20.6	0.07	1.11	0.8	1	0.17	1.1
Q927223		6.91	<0.005	0.14	7.88	17.6	2060	1.36	0.40	0.99	0.20	57.1	6.8	14	12.70	21.9
Q927224		4.65	0.005	0.32	7.57	271	2390	1.42	0.46	1.81	0.23	46.0	6.5	10	18.70	26.7
Q927225		6.90	0.012	0.49	7.03	107.5	1810	1.68	0.91	2.43	0.55	44.8	7.6	9	20.4	23.9
Q927226		9.09	<0.005	0.74	7.13	16.9	1880	1.31	1.58	2.90	0.14	46.2	8.3	10	14.65	51.2
Q927227		11.06	0.012	0.16	7.31	10.6	2150	1.70	0.63	2.66	0.28	45.5	7.4	13	10.20	22.4
Q927228		6.50	<0.005	0.18	7.41	19.6	2030	1.81	0.39	2.64	0.12	50.5	7.7	10	13.55	27.6
Q927229		5.70	<0.005	0.10	7.50	7.6	2190	1.74	0.58	3.14	0.10	52.7	7.3	10	8.94	17.7
Q927230		2.91	<0.005	0.19	7.37	7.7	2100	1.79	0.58	2.36	0.11	48.3	7.1	11	8.46	15.8
Q927231		7.90	0.005	0.30	7.26	11.1	2250	1.72	1.33	2.41	0.11	48.4	8.9	12	7.75	40.7
Q927232		3.36	<0.005	0.14	7.12	10.8	2070	1.49	0.94	2.73	0.10	48.9	7.5	11	8.11	12.7
Q927233		8.36	<0.005	0.71	7.21	8.3	2370	1.60	4.67	1.94	0.13	44.2	8.3	12	6.69	53.3
Q927234		5.82	0.012	0.42	7.68	13.8	2250	1.66	0.59	1.96	0.18	50.5	7.8	13	9.80	47.0
Q927235		7.32	<0.005	0.20	6.75	48.4	2180	1.59	2.34	2.39	0.08	48.0	12.8	12	7.75	6.7
Q927236		5.14	<0.005	0.01	0.06	0.9	30	0.07	0.03	20.5	0.06	1.05	0.8	1	0.12	1.0
Q927237		7.72	<0.005	0.17	7.36	8.6	2370	1.68	0.27	2.48	0.12	48.6	8.2	11	13.15	67.3
Q927238		5.33	0.039	10.85	6.82	302	1610	1.44	0.45	2.15	9.34	45.5	8.5	11	12.80	85.3
Q927239		6.67	<0.005	0.09	6.82	6.1	2130	1.68	0.26	2.46	0.09	42.8	6.5	13	10.15	28.1
Q927240		5.28	<0.005	0.25	7.23	8.4	2210	1.51	0.43	2.52	0.12	53.0	6.1	13	10.45	48.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927205		3.09	16.00	0.27	1.7	0.041	2.92	22.5	24.4	0.58	515	1.69	1.22	8.4	2.7	650
Q927206		3.19	16.25	0.30	1.8	0.075	2.95	20.6	35.3	0.62	922	2.18	0.10	8.5	3.1	650
Q927207		2.90	17.05	0.30	1.9	0.098	2.98	25.1	40.9	0.57	1080	0.97	0.17	8.4	4.3	660
Q927208		2.89	15.15	0.34	1.3	0.044	2.50	23.4	42.8	0.70	844	1.76	0.29	7.5	2.1	580
Q927209		2.88	15.15	0.33	1.3	0.048	2.52	24.4	43.0	0.71	826	1.60	0.30	7.5	2.0	590
Q927210		3.81	14.55	0.31	1.3	0.441	3.24	27.8	22.7	0.75	2820	2.53	0.05	7.3	2.2	510
Q927211		2.91	16.05	0.35	1.1	0.043	2.69	24.6	17.5	0.81	625	1.84	2.16	8.1	2.4	660
Q927212		2.97	16.00	0.40	1.2	0.054	2.75	24.5	15.8	0.74	704	3.35	2.12	8.0	3.0	650
Q927213		2.89	15.75	0.39	1.2	0.041	2.74	22.5	17.7	0.73	584	1.15	2.26	8.0	2.3	630
Q927214		5.06	14.80	0.31	1.0	0.313	2.97	29.4	29.3	0.78	1870	16.60	0.16	6.0	14.0	540
Q927215		2.84	16.40	0.35	1.3	0.043	2.84	18.8	34.5	0.42	667	2.05	0.38	8.2	2.6	640
Q927216		2.97	16.65	0.40	1.3	0.045	2.84	23.6	22.7	0.83	589	3.20	2.45	8.2	2.6	640
Q927217		2.88	15.85	0.40	1.5	0.054	2.84	23.0	31.5	0.71	590	1.69	0.78	8.2	2.5	650
Q927218		2.90	15.90	0.45	1.4	0.049	2.74	27.5	17.6	0.79	590	1.85	2.19	8.2	2.4	630
Q927219		6.63	15.10	0.28	1.1	0.873	2.92	26.2	21.8	0.78	1830	9.87	0.13	6.4	11.9	540
Q927220		2.90	15.95	0.38	1.2	0.063	2.95	24.4	11.8	0.75	758	4.14	1.98	8.2	2.7	630
Q927221		3.42	14.55	0.37	1.0	0.088	3.23	28.6	23.3	0.83	7530	3.61	0.30	6.6	2.5	560
Q927222		0.46	0.34	0.29	<0.1	<0.005	0.03	0.5	1.2	12.60	218	0.20	0.01	0.2	1.4	200
Q927223		2.88	16.40	0.43	1.7	0.058	3.15	30.6	34.4	0.44	1140	3.05	0.10	8.4	2.3	670
Q927224		3.05	16.65	0.32	1.3	0.057	3.27	22.8	32.0	0.61	1110	6.46	0.23	8.1	2.6	660
Q927225		3.05	15.30	0.31	1.2	0.099	3.43	23.1	30.9	0.77	1700	3.42	0.54	7.4	2.1	620
Q927226		2.85	15.35	0.36	1.3	0.066	2.87	23.5	33.4	0.73	836	1.81	0.24	7.8	2.4	630
Q927227		2.95	15.60	0.36	1.4	0.048	2.78	23.2	16.5	0.77	736	2.60	2.16	7.8	2.4	650
Q927228		2.90	15.50	0.40	1.4	0.055	3.08	25.8	15.6	0.80	983	2.48	1.55	7.8	2.3	680
Q927229		2.94	15.95	0.41	1.5	0.050	2.88	28.4	13.8	0.81	728	1.53	2.11	8.3	2.3	660
Q927230		2.89	15.75	0.45	1.5	0.054	2.75	24.7	13.1	0.78	608	3.79	2.20	8.2	2.3	630
Q927231		3.07	15.90	0.46	1.3	0.100	3.12	24.7	11.8	0.77	838	2.84	1.84	7.9	2.4	620
Q927232		2.83	14.75	0.45	1.3	0.058	3.00	25.8	18.1	0.80	953	1.85	1.23	7.5	2.2	610
Q927233		2.99	15.30	0.43	1.4	0.079	3.01	22.3	18.2	0.81	612	1.82	1.75	7.6	2.4	640
Q927234		3.02	16.10	0.47	1.5	0.092	3.16	26.3	19.0	0.77	746	1.94	1.37	8.0	2.6	710
Q927235		2.95	13.95	0.46	1.4	0.118	3.31	25.5	10.6	0.71	1230	1.86	1.24	7.3	2.3	590
Q927236		0.47	0.34	0.32	<0.1	0.005	0.02	0.5	1.1	12.60	207	0.10	0.01	0.2	1.1	200
Q927237		2.78	14.75	0.44	1.2	0.045	2.77	25.5	11.5	0.73	586	2.47	2.17	7.6	2.2	630
Q927238		3.10	15.30	0.15	1.3	0.193	3.54	23.2	17.4	0.68	3610	3.19	0.45	7.6	2.7	600
Q927239		2.84	14.70	0.18	1.5	0.050	2.71	21.6	13.2	0.76	581	1.51	2.06	7.9	2.9	650
Q927240		3.26	15.20	0.20	1.3	0.105	3.18	28.2	13.9	0.83	814	2.05	1.66	7.7	2.7	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927205		16.9	120.0	<0.002	0.02	6.77	10.9	1	1.9	242	0.73	<0.05	12.2	0.261	1.36	3.1
Q927206		32.6	120.0	<0.002	0.05	16.65	11.4	1	2.1	119.0	0.71	<0.05	11.8	0.267	1.67	4.7
Q927207		17.8	121.0	<0.002	0.26	16.30	10.7	1	2.1	191.5	0.70	<0.05	12.3	0.262	1.74	5.9
Q927208		17.9	93.1	<0.002	0.03	15.70	10.4	2	1.9	234	0.60	<0.05	10.8	0.239	1.06	2.9
Q927209		18.1	96.0	<0.002	0.03	15.65	10.4	1	1.8	241	0.60	<0.05	11.0	0.238	1.07	3.0
Q927210		40.0	178.0	<0.002	0.65	76.1	9.5	1	2.4	81.6	0.64	0.07	15.0	0.206	2.33	4.0
Q927211		17.9	110.5	<0.002	0.01	3.87	11.2	1	2.1	441	0.63	<0.05	10.9	0.265	1.16	2.1
Q927212		17.7	113.5	<0.002	0.02	3.61	11.2	1	2.0	362	0.63	<0.05	11.5	0.258	1.19	2.9
Q927213		16.0	110.0	<0.002	0.02	3.19	11.0	1	1.9	405	0.62	<0.05	10.4	0.258	1.08	2.6
Q927214		493	171.5	0.005	2.75	27.5	9.6	2	5.9	115.0	0.48	0.30	10.3	0.196	2.39	5.0
Q927215		16.8	109.5	<0.002	0.02	17.45	10.6	1	2.0	119.5	0.64	<0.05	10.1	0.252	1.21	3.1
Q927216		16.6	113.0	<0.002	0.01	1.88	11.5	1	1.9	415	0.64	<0.05	10.5	0.257	1.10	3.5
Q927217		18.2	116.0	<0.002	0.02	9.11	11.0	1	2.7	173.0	0.68	<0.05	12.7	0.257	1.19	2.6
Q927218		16.0	122.5	<0.002	0.01	3.46	11.3	1	1.9	387	0.68	<0.05	13.6	0.258	1.14	3.1
Q927219		1310	178.0	<0.002	4.75	67.0	9.9	3	8.6	102.5	0.51	1.36	10.5	0.206	2.57	5.2
Q927220		16.7	131.0	<0.002	0.03	3.63	10.9	2	2.1	358	0.65	<0.05	12.6	0.246	1.38	3.7
Q927221		184.0	167.0	<0.002	0.87	28.8	10.1	1	2.2	142.0	0.50	0.06	10.9	0.213	2.11	11.2
Q927222		1.6	1.2	<0.002	0.01	0.10	0.2	1	<0.2	47.2	<0.05	0.07	<0.2	<0.005	<0.02	0.7
Q927223		15.6	158.0	<0.002	0.07	32.1	11.5	1	2.3	85.1	0.70	<0.05	15.9	0.258	1.74	5.5
Q927224		20.9	151.5	<0.002	0.23	23.6	11.4	1	2.4	113.0	0.62	<0.05	10.9	0.259	1.95	5.3
Q927225		28.2	153.0	<0.002	0.29	17.55	10.4	1	2.4	164.5	0.58	<0.05	10.6	0.243	2.19	6.0
Q927226		82.8	121.0	<0.002	0.05	14.90	10.6	2	2.4	161.0	0.64	<0.05	11.4	0.248	1.42	2.9
Q927227		18.3	114.5	<0.002	0.03	3.29	10.8	1	2.3	372	0.62	<0.05	11.4	0.251	1.21	3.0
Q927228		16.3	133.5	<0.002	0.10	6.42	10.9	1	2.3	279	0.62	<0.05	11.4	0.256	1.66	2.8
Q927229		15.7	126.5	<0.002	0.02	2.65	11.4	2	2.3	371	0.68	<0.05	15.3	0.252	1.21	3.7
Q927230		15.6	117.5	<0.002	0.03	2.53	11.1	1	2.2	359	0.65	<0.05	12.0	0.250	1.18	3.2
Q927231		16.0	134.0	<0.002	0.07	2.84	10.8	2	2.2	316	0.61	<0.05	12.5	0.239	1.45	4.9
Q927232		17.3	123.5	<0.002	0.05	6.93	10.1	1	2.1	234	0.61	<0.05	11.8	0.238	1.43	2.7
Q927233		16.7	114.0	<0.002	0.03	4.56	10.7	1	2.3	286	0.61	<0.05	11.0	0.245	1.20	3.1
Q927234		60.9	139.0	<0.002	0.06	6.99	11.2	1	2.7	248	0.63	<0.05	12.8	0.258	1.49	4.9
Q927235		16.7	178.0	<0.002	0.27	6.39	10.2	1	2.3	193.5	0.62	0.05	12.1	0.224	1.96	5.3
Q927236		1.3	1.1	<0.002	0.01	0.07	0.2	1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q927237		15.6	121.5	<0.002	0.05	4.21	10.2	1	2.3	378	0.61	<0.05	11.0	0.245	1.21	3.8
Q927238		288	163.5	<0.002	0.57	52.1	10.3	2	2.9	131.0	0.60	<0.05	10.7	0.237	2.50	6.3
Q927239		14.9	108.0	<0.002	0.01	1.94	10.0	1	2.1	352	0.65	<0.05	10.8	0.242	1.17	3.6
Q927240		39.1	137.0	<0.002	0.03	3.56	10.5	1	2.4	301	0.61	<0.05	12.6	0.242	1.49	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927205		76	2.5	14.4	47	55.0
Q927206		78	3.2	16.4	71	57.2
Q927207		73	2.7	18.3	80	61.4
Q927208		70	2.6	18.1	50	39.4
Q927209		72	2.6	18.7	50	40.2
Q927210		62	6.8	16.8	182	38.5
Q927211		76	1.3	17.9	49	35.9
Q927212		74	1.2	18.3	50	36.4
Q927213		75	1.1	17.5	46	35.8
Q927214		67	5.3	11.4	865	32.1
Q927215		72	3.0	13.2	57	39.3
Q927216		75	1.0	17.9	46	40.1
Q927217		75	5.7	15.9	54	47.7
Q927218		74	1.8	17.9	50	41.6
Q927219		64	5.9	11.7	2400	31.8
Q927220		71	1.6	16.8	51	38.0
Q927221		66	2.8	17.4	265	34.0
Q927222		3	0.1	0.8	15	0.9
Q927223		72	5.4	18.5	66	49.9
Q927224		77	2.9	17.8	58	42.1
Q927225		71	2.5	14.1	83	37.3
Q927226		73	2.8	16.6	51	41.0
Q927227		74	1.2	17.0	61	42.9
Q927228		76	1.9	14.9	48	43.4
Q927229		75	1.3	19.4	47	46.8
Q927230		74	1.3	14.8	46	42.6
Q927231		70	2.8	16.1	49	42.5
Q927232		70	3.9	17.6	47	41.2
Q927233		74	6.1	14.5	51	44.7
Q927234		76	3.6	16.2	57	49.3
Q927235		66	3.4	13.7	57	44.0
Q927236		2	0.1	0.7	14	<0.5
Q927237		71	2.1	15.3	42	39.0
Q927238		69	4.0	13.3	943	41.5
Q927239		72	1.0	15.3	45	46.0
Q927240		75	7.9	15.7	54	43.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111981

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
PUL-31	PUL-31d	PUL-QC	SPL-21
SPL-21d	WEI-21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14111982

Project: Klaza

P.O. No.: Batch 90

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

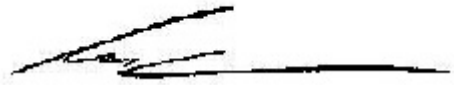
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111982

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926184		4.05	<0.005	0.10	6.80	20.1	5990	1.61	0.13	4.31	0.11	41.2	10.7	8	18.80	23.5
Q926185		9.37	<0.005	0.07	6.93	8.8	1980	1.63	0.10	2.69	0.10	37.5	8.6	11	23.8	23.6
Q926186		6.51	<0.005	0.05	6.94	4.6	1980	1.56	0.14	2.99	0.07	37.0	8.7	8	15.35	7.9
Q926187		8.35	<0.005	0.06	7.53	11.2	1540	1.70	0.15	2.17	0.14	40.5	8.5	8	18.55	5.2
Q926188		4.51	0.016	0.26	5.33	25.4	1250	1.47	0.38	3.05	1.44	22.1	8.5	7	16.35	21.8
Q926189		3.78	<0.005	0.05	0.10	<0.2	30	0.08	0.06	20.5	0.06	1.31	1.4	1	0.30	4.0
Q926190		2.80	<0.005	0.05	6.83	6.9	1790	1.65	0.09	3.17	0.09	36.6	8.7	7	24.4	7.0
Q926191		6.35	<0.005	0.06	5.78	18.8	1490	1.50	0.11	2.71	0.19	27.5	9.7	7	19.00	7.7
Q926192		4.08	<0.005	0.04	7.02	13.1	1610	1.55	0.07	1.95	0.17	31.2	9.4	7	23.3	9.8
Q926193		3.43	<0.005	0.07	5.75	18.3	2210	1.79	0.08	2.47	0.19	21.2	8.6	9	24.0	11.8
Q926194		4.51	<0.005	0.06	7.69	4.8	1980	1.54	0.10	2.15	0.14	40.7	8.5	8	24.3	10.7
Q926195		0.22	1.700	38.6	5.80	2580	1010	1.22	35.6	1.66	45.0	35.5	16.7	21	10.20	1175
Q926196		4.49	0.147	0.33	5.55	171.5	1140	1.59	0.54	3.54	0.60	28.1	9.7	6	19.35	7.6
Q926197		4.51	<0.005	0.06	7.48	4.2	2170	1.44	0.15	2.98	0.08	46.4	7.8	9	14.00	4.2
Q926198		7.31	<0.005	0.05	6.52	7.6	1750	1.49	0.19	3.20	0.14	34.2	7.9	9	20.0	5.7
Q926199		5.00	0.019	0.13	7.12	20.6	1950	1.48	0.24	2.42	0.10	49.0	9.7	9	19.25	8.5
Q926200		2.44	0.022	0.14	7.35	15.6	2960	1.50	0.29	2.52	0.11	52.8	9.3	9	19.25	9.0
Q926201		4.49	<0.005	0.11	7.80	4.9	2610	1.71	0.16	3.11	0.10	43.5	9.6	10	10.65	18.2
Q926202		4.05	0.034	0.64	6.87	623	1220	1.47	0.26	4.68	0.41	46.0	8.6	9	20.8	10.2
Q926203		6.14	0.013	3.01	6.81	82.6	1540	1.46	8.04	3.71	0.57	40.5	12.1	9	14.45	120.0
Q926204		4.37	0.037	0.50	7.50	150.0	780	1.54	1.31	4.04	0.19	45.5	14.4	8	21.9	6.0
Q926205		4.93	0.006	0.09	7.25	23.2	2710	1.66	0.25	5.26	0.13	39.1	9.5	7	13.40	5.3
Q926206		0.22	0.371	3.90	6.73	752	370	1.37	3.40	2.05	10.95	47.2	12.4	26	12.10	318
Q926207		5.32	<0.005	0.04	7.97	5.7	1000	1.79	0.21	5.08	0.13	42.0	8.9	8	11.65	1.6
Q926208		3.27	0.026	0.09	7.80	30.7	1560	1.66	0.44	4.44	0.21	51.6	9.6	9	10.60	1.8
Q926209		5.07	<0.005	0.06	8.08	8.8	2750	1.79	0.36	4.70	0.14	49.0	9.0	9	11.30	1.8
Q926210		<0.02	<0.005	0.07	8.11	9.8	2430	1.73	0.35	4.69	0.13	50.7	9.2	9	11.25	2.2
Q926211		4.10	0.011	0.14	8.24	19.4	2280	1.72	0.57	4.94	0.19	43.5	10.0	8	10.25	2.2
Q926212		3.34	0.027	1.31	7.28	70.7	790	1.81	4.61	3.73	0.92	46.0	11.7	7	42.8	9.5
Q926213		3.92	<0.005	0.01	0.08	<0.2	40	0.06	0.04	20.5	0.07	1.04	0.8	1	0.41	6.7
Q926214		7.24	<0.005	1.63	7.28	21.7	1050	1.42	1.36	2.13	31.2	44.7	8.9	8	7.63	120.0
Q926215		7.82	<0.005	0.18	7.22	35.2	1210	1.35	0.24	2.29	0.38	43.1	8.9	9	23.3	11.3
Q926216		6.23	<0.005	0.06	8.16	4.6	1770	1.16	0.17	1.33	0.22	42.9	7.6	9	23.5	7.4
Q926217		3.42	0.009	0.19	7.54	38.8	1150	1.62	0.33	2.05	0.74	53.7	11.8	10	20.4	8.9
Q926218		6.97	<0.005	0.11	7.51	4.3	1630	1.29	0.28	2.06	0.14	35.1	8.4	9	18.80	23.8
Q926219		5.04	<0.005	0.10	7.44	4.3	2430	1.41	0.32	3.13	0.17	42.5	8.0	9	13.65	29.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926184		3.27	17.50	0.10	1.0	0.043	2.40	20.3	71.3	1.39	1050	0.86	0.63	8.7	2.7	650
Q926185		3.11	17.30	0.11	1.1	0.042	2.53	17.0	31.3	0.76	731	1.06	1.24	9.2	2.6	650
Q926186		3.15	17.05	0.10	1.4	0.037	2.40	17.0	11.1	0.46	721	0.90	1.83	8.8	2.5	630
Q926187		3.31	17.35	0.11	1.6	0.060	2.47	19.2	97.6	0.40	948	1.21	0.69	9.3	2.4	670
Q926188		3.77	15.50	0.09	1.2	0.264	2.67	9.0	89.1	0.15	1480	1.39	0.24	7.9	2.2	560
Q926189		0.51	0.42	<0.05	<0.1	<0.005	0.04	0.6	1.7	12.95	219	0.10	0.01	0.3	1.4	170
Q926190		3.04	18.20	0.12	1.3	0.045	2.82	16.9	30.6	0.40	762	0.66	1.45	8.6	2.5	630
Q926191		3.39	17.60	0.13	1.4	0.075	2.66	11.6	102.5	0.22	1530	3.98	0.26	9.0	2.8	590
Q926192		2.96	17.95	0.10	1.6	0.042	2.66	13.9	118.5	0.24	1150	3.92	0.10	9.4	2.3	640
Q926193		2.93	17.25	0.08	1.4	0.043	2.60	9.5	163.0	0.12	701	4.34	0.08	9.4	2.5	590
Q926194		3.67	17.60	0.10	1.5	0.047	2.83	18.8	25.0	0.32	748	2.40	0.75	9.2	2.5	670
Q926195		9.06	13.95	0.19	0.9	1.520	2.61	17.7	17.4	0.69	2350	18.80	0.06	5.2	13.7	450
Q926196		4.27	15.25	0.10	1.3	0.196	3.03	12.7	23.6	0.42	2790	3.30	0.05	7.7	2.7	530
Q926197		3.17	15.75	0.25	1.3	0.060	3.07	23.1	9.0	0.59	1130	2.25	1.59	7.3	2.6	650
Q926198		3.02	15.45	0.23	1.2	0.055	2.78	16.2	17.1	0.31	982	2.79	0.95	7.0	2.6	600
Q926199		4.36	15.90	0.24	1.1	0.077	2.58	25.0	22.9	0.81	1560	3.39	0.89	7.1	2.8	650
Q926200		4.83	16.05	0.24	1.1	0.096	2.91	28.2	25.1	0.93	1830	4.83	0.65	7.2	2.9	640
Q926201		3.69	17.35	0.27	1.2	0.048	2.43	21.4	13.0	0.98	752	9.86	2.07	7.9	3.1	730
Q926202		3.69	14.20	0.25	1.1	0.054	2.48	25.2	37.2	1.61	3240	2.60	0.22	6.6	2.7	630
Q926203		4.14	14.20	0.26	1.1	0.270	3.04	22.1	14.6	1.19	3310	2.11	0.09	6.6	2.6	610
Q926204		5.65	19.15	0.26	1.3	0.233	3.99	22.0	8.9	1.18	3190	5.26	0.04	7.5	3.4	680
Q926205		3.51	15.85	0.24	1.2	0.085	3.55	18.8	17.9	1.04	1910	0.71	0.16	7.5	2.7	660
Q926206		5.10	15.25	0.23	1.1	0.318	3.00	26.1	26.6	0.77	1940	13.90	0.15	5.7	14.8	540
Q926207		4.14	15.95	0.26	1.2	0.082	4.05	20.1	39.5	1.27	2000	0.19	0.05	8.3	3.0	760
Q926208		4.31	15.95	0.29	1.2	0.116	4.29	25.7	14.7	1.22	2540	0.13	0.03	8.4	3.0	760
Q926209		4.49	16.50	0.26	1.3	0.125	4.41	23.8	19.3	1.25	2840	0.17	0.04	8.4	3.1	830
Q926210		4.49	16.45	0.28	1.2	0.122	4.46	24.8	19.6	1.25	2790	0.14	0.04	8.5	3.1	830
Q926211		4.72	16.80	0.27	1.2	0.107	4.58	20.6	4.9	1.27	3490	0.23	0.03	8.5	3.2	800
Q926212		4.18	16.75	0.21	1.0	0.262	3.28	24.3	24.8	1.06	2780	0.31	0.04	6.8	2.9	620
Q926213		0.48	0.30	0.19	<0.1	<0.005	0.04	0.5	1.2	12.60	217	0.09	<0.01	0.1	1.8	180
Q926214		3.47	15.40	0.23	1.0	0.179	1.97	22.6	40.4	0.91	2430	0.99	0.04	7.4	2.7	670
Q926215		3.37	15.90	0.22	1.0	0.074	2.49	22.2	35.7	0.83	1700	0.65	0.06	7.2	2.8	680
Q926216		3.27	17.30	0.31	1.1	0.044	2.24	21.8	30.8	0.59	938	0.55	0.06	7.7	2.5	720
Q926217		4.12	16.75	0.32	1.0	0.096	3.04	28.0	27.0	0.93	2640	0.65	0.05	7.6	3.3	670
Q926218		3.15	16.70	0.30	1.0	0.035	2.49	16.3	32.2	0.65	909	0.71	0.08	7.9	2.7	690
Q926219		3.25	15.65	0.32	1.1	0.047	2.63	21.9	35.2	0.97	862	1.03	0.60	7.3	2.6	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926184		16.3	75.4	<0.002	0.30	10.00	11.4	1	1.9	370	0.66	<0.05	9.7	0.271	1.29	3.3
Q926185		16.9	94.0	<0.002	0.04	8.03	12.7	1	1.8	330	0.70	<0.05	10.2	0.274	1.15	2.9
Q926186		15.2	93.1	<0.002	0.01	2.69	11.9	1	1.8	288	0.69	<0.05	10.0	0.275	1.11	1.3
Q926187		17.4	107.0	<0.002	0.01	11.85	12.7	1	1.9	170.5	0.77	<0.05	11.9	0.284	1.35	2.2
Q926188		31.7	108.5	<0.002	0.09	19.15	8.6	<1	2.5	127.5	0.58	<0.05	5.9	0.261	2.01	3.0
Q926189		1.7	2.1	<0.002	<0.01	1.27	0.3	1	<0.2	44.8	<0.05	<0.05	0.2	0.005	0.02	0.5
Q926190		17.4	117.0	<0.002	0.02	9.58	12.3	1	1.9	300	0.69	<0.05	10.2	0.270	1.62	2.2
Q926191		21.1	99.9	<0.002	0.04	12.70	10.0	<1	1.9	130.0	0.71	<0.05	7.5	0.267	1.79	3.0
Q926192		18.8	106.5	<0.002	<0.01	14.10	11.9	<1	1.9	114.0	0.76	<0.05	9.7	0.285	1.66	2.6
Q926193		19.4	94.7	<0.002	0.04	19.95	10.0	<1	1.9	111.0	0.76	<0.05	6.5	0.288	1.84	2.6
Q926194		18.9	116.0	<0.002	0.01	8.19	12.6	1	2.1	175.0	0.76	<0.05	11.8	0.291	1.51	3.1
Q926195		1645	150.0	0.003	7.96	105.0	8.6	2	11.3	63.5	0.40	0.80	9.6	0.164	2.18	5.5
Q926196		27.8	153.0	<0.002	0.20	19.35	9.6	<1	1.7	96.1	0.62	<0.05	8.2	0.233	2.71	5.8
Q926197		18.7	139.0	<0.002	0.04	4.16	10.6	1	1.7	303	0.59	<0.05	10.9	0.272	1.77	2.8
Q926198		11.9	133.5	<0.002	0.03	4.78	9.5	1	1.7	157.5	0.60	<0.05	8.8	0.257	1.89	3.6
Q926199		22.5	119.5	<0.002	0.34	7.98	11.3	1	3.1	198.0	0.54	<0.05	10.1	0.271	1.94	6.3
Q926200		23.5	149.5	<0.002	0.27	8.20	11.6	1	3.3	179.0	0.57	<0.05	10.9	0.278	2.29	7.6
Q926201		17.3	89.8	<0.002	0.03	2.55	12.4	1	1.9	425	0.64	<0.05	9.8	0.304	1.08	2.5
Q926202		35.9	140.5	<0.002	0.74	20.4	10.8	1	1.6	160.0	0.52	<0.05	9.8	0.262	2.43	5.6
Q926203		54.3	201	<0.002	1.33	59.0	10.7	1	3.6	96.8	0.51	0.15	11.0	0.251	2.50	6.1
Q926204		34.3	187.5	<0.002	2.64	9.95	12.2	1	17.1	154.5	0.59	0.09	9.9	0.273	4.05	4.2
Q926205		10.4	162.5	<0.002	0.51	7.11	11.2	<1	1.8	181.0	0.59	<0.05	9.7	0.272	3.99	8.5
Q926206		504	154.0	0.004	2.77	27.0	8.8	1	5.8	111.0	0.46	0.33	10.2	0.204	2.48	5.0
Q926207		6.4	182.0	<0.002	0.18	5.73	12.6	1	2.0	113.0	0.64	<0.05	10.3	0.313	3.43	3.0
Q926208		7.9	223	<0.002	1.05	5.37	12.6	1	2.1	98.7	0.65	<0.05	10.6	0.307	4.04	3.6
Q926209		7.3	225	<0.002	0.46	5.90	13.6	1	2.3	134.5	0.65	<0.05	11.3	0.321	4.24	3.1
Q926210		7.5	230	<0.002	0.45	5.96	13.8	1	2.2	125.5	0.67	<0.05	12.2	0.319	4.17	3.2
Q926211		9.6	213	<0.002	1.44	6.46	12.9	2	2.3	100.0	0.66	<0.05	10.6	0.325	3.62	10.0
Q926212		45.5	161.0	<0.002	1.34	30.1	10.6	1	6.3	112.5	0.53	0.45	10.1	0.253	2.49	13.2
Q926213		1.4	2.4	<0.002	0.01	0.09	0.2	1	0.5	50.9	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q926214		2510	77.6	<0.002	0.16	49.8	11.0	2	3.2	101.0	0.59	0.46	10.3	0.276	1.24	2.7
Q926215		42.3	96.7	<0.002	0.33	18.20	10.9	<1	1.9	122.5	0.54	<0.05	9.4	0.270	1.73	3.3
Q926216		23.8	89.0	<0.002	0.03	15.00	12.2	1	1.7	89.6	0.56	<0.05	10.5	0.296	1.11	2.0
Q926217		25.7	166.0	<0.002	0.40	27.9	13.0	1	2.1	93.7	0.56	<0.05	11.3	0.279	2.12	2.8
Q926218		18.7	88.8	<0.002	0.06	11.75	11.4	1	2.0	124.0	0.61	<0.05	9.0	0.288	1.22	2.2
Q926219		15.5	102.0	<0.002	0.09	9.01	10.5	1	1.9	338	0.60	<0.05	10.4	0.268	1.22	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926184		80	1.5	15.9	59	23.5
Q926185		83	1.5	15.5	56	26.4
Q926186		79	2.2	13.6	52	36.5
Q926187		85	4.1	15.4	72	38.6
Q926188		80	4.3	9.5	324	31.4
Q926189		2	0.2	0.9	15	0.5
Q926190		80	3.2	13.3	59	34.5
Q926191		80	4.2	11.2	82	36.0
Q926192		85	3.4	13.1	59	42.4
Q926193		90	3.0	9.8	65	36.2
Q926194		85	4.2	16.1	67	41.1
Q926195		57	7.4	9.4	3410	24.5
Q926196		69	3.0	11.6	111	32.6
Q926197		82	1.6	13.4	67	36.8
Q926198		77	2.7	11.3	59	35.5
Q926199		82	6.4	15.9	90	29.4
Q926200		83	8.2	17.8	105	28.9
Q926201		91	6.5	17.4	71	32.5
Q926202		77	5.1	16.1	80	26.3
Q926203		75	3.7	14.1	111	27.8
Q926204		93	7.9	12.6	110	37.4
Q926205		71	2.0	13.2	64	34.3
Q926206		69	5.4	10.8	895	33.1
Q926207		79	2.5	12.0	81	36.7
Q926208		73	2.8	13.1	78	36.6
Q926209		79	3.4	14.1	78	38.7
Q926210		79	3.4	14.7	78	36.6
Q926211		84	3.3	13.7	70	35.8
Q926212		92	9.6	12.6	148	27.4
Q926213		3	0.1	0.7	18	<0.5
Q926214		80	4.3	12.7	1920	24.7
Q926215		80	5.8	14.0	101	23.0
Q926216		88	8.7	15.3	67	26.3
Q926217		94	3.7	17.3	160	23.8
Q926218		84	5.1	12.6	61	24.8
Q926219		81	2.6	14.2	63	25.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111982

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

CERTIFICATE WH14111983

Project: Klaza

P.O. No.: Batch 91

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

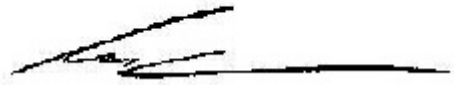
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111983

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927241		3.15	0.019	0.87	7.46	703	2090	1.54	0.65	2.11	1.03	51.0	7.6	10	21.4	24.3
Q927242		10.87	0.009	0.13	7.32	7.2	2360	1.60	0.29	2.56	0.11	50.4	8.5	18	9.83	27.7
Q927243		7.92	<0.005	0.12	7.42	5.3	2270	1.71	0.23	2.62	0.10	51.6	7.8	17	11.35	20.9
Q927244		3.74	0.498	5.80	6.91	3130	740	1.60	0.48	1.99	2.27	56.6	8.5	14	21.3	144.5
Q927245		5.79	<0.005	<0.01	0.06	<0.2	30	0.07	0.02	20.9	0.05	1.63	2.6	<1	0.19	2.4
Q927246		2.45	0.009	0.81	7.18	73.2	2310	1.48	1.78	2.53	0.28	44.5	5.0	11	18.30	192.5
Q927247		3.85	0.064	0.70	7.07	114.5	1920	1.48	0.58	2.57	0.29	47.4	6.2	14	14.95	48.7
Q927248		6.75	<0.005	0.17	7.15	34.9	2530	1.56	0.52	2.64	0.09	46.3	6.1	11	17.15	11.2
Q927249		8.19	0.013	0.64	7.07	79.9	2070	1.61	0.60	2.83	0.29	47.5	5.8	9	19.25	137.0
Q927250		7.51	<0.005	0.22	7.42	12.9	2510	1.60	0.42	2.50	0.58	45.0	6.8	10	15.85	13.1
Q927251		<0.02	<0.005	0.36	7.65	24.0	2550	1.64	0.55	2.55	0.85	45.1	6.9	11	16.35	19.8
Q927252		4.59	<0.005	0.14	7.48	18.8	1780	1.74	0.25	2.50	0.14	43.4	7.0	11	27.2	15.3
Q927253		3.01	0.027	0.54	7.34	92.2	2410	1.95	0.85	2.52	0.50	43.9	7.1	9	24.2	24.4
Q927254		0.25	0.894	15.20	6.58	1560	1010	1.56	11.50	1.81	31.3	51.9	17.4	17	15.30	292
Q927255		13.00	<0.005	0.14	7.19	7.8	2600	1.54	0.29	2.66	0.13	40.2	7.2	13	25.4	9.0
Q927256		3.92	<0.005	0.22	6.60	20.2	3610	1.68	0.31	3.30	0.19	48.5	7.8	9	24.0	17.2
Q927257		7.51	0.056	0.31	7.22	10.0	2720	1.41	0.40	2.03	0.13	37.9	5.7	10	17.75	72.9
Q927258		6.14	0.013	0.70	6.83	150.0	2110	1.68	0.62	2.32	0.64	42.3	6.7	7	21.0	19.8
Q927259		6.30	<0.005	0.21	7.56	13.5	2410	1.47	0.39	1.78	0.19	47.0	4.5	10	19.95	15.2
Q927260		7.28	0.015	0.89	7.96	65.0	2450	1.39	0.99	1.31	0.99	53.2	6.2	9	16.85	63.5
Q927261		0.11	1.815	37.9	5.84	2530	1260	1.36	33.1	1.64	43.2	42.7	16.8	19	11.05	1205
Q927262		3.31	0.433	23.4	6.47	998	800	1.49	3.10	2.55	9.08	47.0	9.8	9	17.10	73.3
Q927263		4.61	<0.005	0.01	0.08	<0.2	30	0.07	0.03	20.5	0.07	1.50	2.6	<1	0.24	2.8
Q927264		6.34	0.021	0.84	7.06	56.6	2830	1.39	1.46	2.78	0.80	48.3	3.5	9	14.00	64.9
Q927265		4.34	0.008	0.47	6.80	70.2	2830	1.61	0.99	4.31	0.16	50.5	7.8	8	16.70	19.2
Q927266		2.92	<0.005	0.12	7.12	14.8	2260	1.48	0.26	2.29	0.11	47.4	7.2	14	36.3	15.7
Q927267		8.60	<0.005	0.11	6.84	11.2	2430	1.77	0.32	2.59	0.13	45.4	8.5	11	11.50	24.9
Q927268		3.56	<0.005	0.12	6.90	11.9	2490	1.60	0.38	2.62	0.28	45.4	8.8	12	11.70	31.4
Q927269		10.68	0.017	0.46	7.06	19.6	2400	1.45	1.90	1.78	0.13	48.7	9.8	13	14.00	138.0
Q927270		4.37	0.088	5.21	6.64	613	780	1.46	0.58	2.43	4.69	42.5	8.0	10	15.60	76.6
Q927271		2.12	0.562	45.6	5.82	2560	2820	1.38	0.67	2.52	96.4	39.2	6.1	8	14.10	98.9
Q927272		6.88	0.047	3.67	6.95	258	2260	1.70	0.42	2.06	2.94	45.2	6.6	11	16.30	58.9
Q927273		6.37	0.050	0.54	7.36	96.6	1910	1.64	0.62	2.49	0.57	47.5	8.1	5	17.65	26.8
Q927274		5.86	0.019	1.56	7.55	88.4	2090	1.62	0.57	2.01	0.34	47.4	7.2	8	16.20	353
Q927275		3.10	<0.005	0.15	8.15	10.1	2540	1.23	0.50	0.77	0.11	52.6	5.2	5	11.25	15.9
Q927276		7.55	0.006	0.31	7.04	20.1	2440	1.31	1.07	2.13	0.16	42.2	6.4	7	15.00	36.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927241		2.80	16.35	<0.05	1.5	0.083	3.83	26.3	20.1	0.67	2490	1.50	0.41	8.6	2.8	630
Q927242		3.06	16.05	<0.05	1.7	0.065	3.02	24.8	12.0	0.84	694	2.42	2.27	8.8	3.2	700
Q927243		3.12	16.20	0.05	1.5	0.058	2.81	25.4	11.0	0.83	620	3.46	2.35	9.3	3.0	670
Q927244		3.55	14.20	0.05	1.3	0.104	3.17	31.0	23.8	0.70	1180	2.63	0.19	7.5	3.6	560
Q927245		0.50	0.41	0.12	<0.1	0.014	0.03	0.8	1.1	13.40	215	0.12	0.01	0.8	4.0	210
Q927246		3.43	15.90	0.10	1.5	0.142	3.48	21.9	21.6	0.70	951	1.84	0.91	8.5	2.5	630
Q927247		3.08	15.75	0.10	1.4	0.174	3.59	23.4	19.2	0.77	2090	10.40	0.79	8.5	2.6	610
Q927248		3.15	15.70	0.09	1.4	0.096	3.47	22.5	12.5	0.76	918	4.96	1.42	8.7	2.8	670
Q927249		3.49	16.05	0.09	1.3	0.234	3.70	23.5	18.6	0.90	2290	1.52	0.09	8.5	2.8	650
Q927250		3.15	15.90	0.11	1.3	0.097	3.08	21.6	20.9	0.69	1030	1.67	1.77	8.8	2.8	660
Q927251		3.19	16.25	<0.05	1.4	0.104	3.14	21.9	21.3	0.71	1040	1.98	1.80	8.9	2.7	680
Q927252		2.70	16.10	0.10	1.4	0.053	3.47	20.7	56.8	0.65	1010	1.66	0.63	9.1	2.6	690
Q927253		2.82	16.30	0.07	1.3	0.132	3.00	21.2	77.5	0.81	1520	5.47	0.84	8.5	3.1	670
Q927254		6.33	14.15	<0.05	1.1	0.805	2.87	27.6	18.9	0.76	1830	8.75	0.13	6.8	11.8	550
Q927255		3.10	16.00	<0.05	1.4	0.061	2.77	18.7	29.1	0.73	714	1.86	1.68	8.9	2.9	660
Q927256		2.70	13.80	<0.05	1.2	0.053	2.61	25.8	92.3	1.07	915	1.76	0.07	7.5	2.6	570
Q927257		3.17	15.65	<0.05	1.4	0.072	2.99	17.6	38.8	0.54	764	1.50	0.88	8.9	2.6	690
Q927258		3.54	15.15	<0.05	1.2	0.138	3.24	20.6	37.4	0.78	2800	0.71	0.32	8.4	3.1	600
Q927259		3.44	16.20	<0.05	1.2	0.217	3.59	23.6	48.4	0.73	1290	4.08	0.09	8.5	2.5	680
Q927260		3.31	15.90	0.08	1.3	0.088	3.35	28.2	28.9	0.67	1260	1.15	0.27	8.8	2.6	690
Q927261		8.91	13.05	<0.05	0.9	1.560	2.62	23.3	16.8	0.69	2360	17.15	0.06	5.3	14.4	480
Q927262		3.48	13.75	<0.05	1.0	0.259	2.89	25.6	30.1	0.86	4370	2.44	0.02	7.0	2.6	530
Q927263		0.48	0.44	0.13	<0.1	0.012	0.03	0.7	1.1	13.10	216	0.09	<0.01	0.8	4.5	190
Q927264		3.98	20.1	0.17	1.0	0.398	3.01	24.1	40.9	1.05	2530	0.61	0.04	7.2	2.5	610
Q927265		4.09	16.90	0.16	1.0	0.233	3.01	26.1	29.3	1.45	2390	1.41	0.36	7.1	2.8	560
Q927266		2.95	16.65	0.16	1.3	0.048	2.91	23.1	101.0	0.69	914	1.25	0.91	7.8	2.8	670
Q927267		2.93	17.35	0.16	1.2	0.056	2.50	19.5	14.9	0.82	757	1.56	2.05	8.0	2.9	610
Q927268		3.07	17.30	0.16	1.2	0.052	2.54	20.2	15.5	0.84	814	1.37	2.07	8.2	2.8	630
Q927269		3.14	17.30	0.16	1.2	0.113	2.88	24.6	28.9	0.72	1040	1.74	0.79	7.8	2.6	600
Q927270		2.99	15.85	0.15	1.1	0.183	2.83	20.6	39.6	0.80	4930	1.99	0.02	7.1	2.6	580
Q927271		3.32	13.60	0.16	0.9	0.791	2.40	19.4	29.5	0.83	5020	3.68	0.02	5.6	2.3	450
Q927272		2.84	16.35	0.16	1.3	0.152	3.55	21.2	19.7	0.63	3190	2.54	0.70	7.7	2.3	580
Q927273		3.00	15.30	0.18	1.1	0.095	3.23	24.8	78.5	0.88	1940	1.83	0.05	7.0	3.1	580
Q927274		3.20	15.80	0.18	1.1	0.097	3.44	24.6	62.4	0.80	3090	1.45	0.20	7.5	2.6	610
Q927275		2.78	17.25	0.16	1.2	0.060	2.46	28.7	37.7	0.38	1040	1.40	0.06	8.1	1.9	680
Q927276		3.49	15.65	0.17	1.0	0.139	2.94	21.4	64.0	0.88	1180	1.75	0.29	7.0	2.3	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927241		89.9	163.5	<0.002	0.84	30.6	10.1	<1	2.2	125.0	0.70	<0.05	12.8	0.255	2.68	4.6
Q927242		15.1	104.0	<0.002	0.02	2.42	9.9	<1	2.2	382	0.72	<0.05	11.3	0.255	1.24	3.6
Q927243		15.1	101.0	<0.002	0.01	1.73	10.4	<1	2.4	391	0.74	<0.05	12.1	0.262	1.17	3.1
Q927244		56.2	161.5	<0.002	2.31	105.0	9.5	<1	2.3	107.0	0.62	<0.05	12.4	0.223	2.64	6.0
Q927245		1.2	1.2	<0.002	0.02	0.10	0.4	<1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q927246		14.1	122.0	<0.002	0.17	36.0	9.4	<1	2.6	191.0	0.70	<0.05	11.0	0.248	1.91	5.3
Q927247		22.5	139.0	<0.002	0.58	15.60	9.5	<1	2.3	191.0	0.71	<0.05	11.0	0.248	2.22	5.4
Q927248		12.9	126.0	<0.002	0.14	5.71	10.3	<1	2.3	273	0.64	<0.05	9.6	0.272	1.95	3.8
Q927249		13.2	139.5	<0.002	0.49	26.8	10.5	<1	3.2	101.0	0.63	<0.05	9.2	0.265	2.88	6.2
Q927250		22.6	109.0	<0.002	0.06	5.05	10.7	<1	2.1	330	0.64	<0.05	9.0	0.273	1.52	3.0
Q927251		28.9	112.5	<0.002	0.10	5.42	10.8	<1	2.1	335	0.66	<0.05	9.3	0.282	1.60	3.2
Q927252		13.3	126.0	<0.002	0.15	11.85	10.7	<1	2.0	203	0.69	<0.05	9.2	0.279	2.39	3.2
Q927253		38.5	109.0	<0.002	0.59	22.0	10.5	<1	3.3	181.5	0.62	<0.05	8.6	0.271	2.14	4.4
Q927254		1250	156.5	<0.002	4.62	62.1	9.2	1	8.2	92.2	0.56	3.06	10.9	0.210	2.49	4.7
Q927255		15.2	92.7	<0.002	0.03	6.97	10.0	<1	1.9	339	0.62	<0.05	7.8	0.270	1.36	2.3
Q927256		13.2	108.0	<0.002	0.21	25.6	9.8	<1	1.6	193.5	0.58	<0.05	9.3	0.235	1.92	4.5
Q927257		15.5	94.7	<0.002	0.04	22.7	10.4	<1	1.9	213	0.65	<0.05	7.7	0.279	1.39	2.9
Q927258		22.4	123.0	<0.002	0.51	24.0	9.8	<1	2.0	131.5	0.60	<0.05	7.8	0.257	2.39	10.1
Q927259		14.2	142.0	<0.002	0.10	17.90	11.2	<1	2.2	122.5	0.60	<0.05	8.8	0.277	2.23	2.5
Q927260		138.0	133.5	<0.002	0.12	29.9	11.2	<1	1.9	125.0	0.64	<0.05	10.4	0.278	1.72	5.0
Q927261		1640	140.0	0.003	7.95	99.5	8.5	1	10.3	61.4	0.41	0.67	9.5	0.167	2.16	5.3
Q927262		1630	162.5	<0.002	1.81	82.4	9.5	<1	2.2	82.6	0.50	<0.05	9.1	0.227	2.49	8.1
Q927263		2.5	1.5	<0.002	<0.01	0.19	0.4	<1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q927264		41.9	152.5	<0.002	0.61	23.3	11.4	1	2.3	108.5	0.52	<0.05	9.6	0.252	2.48	4.5
Q927265		16.6	162.5	<0.002	0.65	19.85	11.1	1	1.9	173.5	0.51	<0.05	10.4	0.241	2.50	6.4
Q927266		14.4	129.5	<0.002	0.09	16.45	13.1	<1	1.9	228	0.57	<0.05	10.8	0.300	1.88	4.2
Q927267		16.4	101.5	<0.002	0.02	3.15	11.6	1	1.8	384	0.58	<0.05	10.2	0.262	1.18	3.3
Q927268		21.4	98.8	<0.002	0.03	3.45	11.8	1	1.8	393	0.61	<0.05	9.9	0.267	1.28	3.4
Q927269		14.4	132.5	<0.002	0.09	18.40	11.5	1	2.0	170.5	0.61	0.05	11.0	0.253	1.69	4.3
Q927270		329	147.0	<0.002	1.36	64.3	10.6	1	2.5	165.5	0.54	<0.05	9.3	0.245	2.85	4.1
Q927271		4850	148.5	<0.002	2.85	149.0	8.6	1	3.9	142.5	0.42	<0.05	8.6	0.199	2.46	8.0
Q927272		264	168.5	<0.002	0.62	39.8	10.7	1	1.8	186.0	0.62	<0.05	10.6	0.244	2.48	4.2
Q927273		37.0	151.0	<0.002	0.34	27.4	9.7	1	1.7	120.0	0.48	<0.05	10.0	0.240	2.16	5.6
Q927274		36.4	136.5	<0.002	0.39	33.1	9.6	<1	1.7	124.5	0.56	<0.05	10.8	0.251	2.07	4.3
Q927275		11.0	110.5	<0.002	0.05	24.4	10.8	<1	1.9	69.6	0.60	<0.05	12.2	0.271	1.08	3.4
Q927276		11.9	104.5	<0.002	0.14	22.4	9.5	1	1.7	132.5	0.51	<0.05	9.4	0.242	1.80	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927241		71	3.1	13.8	114	43.6
Q927242		75	1.3	15.7	46	48.5
Q927243		77	4.3	15.9	42	43.9
Q927244		64	4.1	12.8	199	37.5
Q927245		2	0.1	0.9	14	<0.5
Q927246		71	8.0	14.6	68	42.2
Q927247		68	3.2	13.6	67	39.5
Q927248		77	2.5	13.9	46	40.1
Q927249		74	5.9	13.2	69	35.2
Q927250		77	1.8	13.9	99	37.0
Q927251		79	1.9	14.0	128	36.9
Q927252		79	4.0	14.2	42	36.4
Q927253		78	4.1	14.3	68	34.9
Q927254		63	6.1	10.7	2390	29.2
Q927255		77	1.5	14.0	51	38.1
Q927256		67	3.4	15.5	51	33.6
Q927257		79	3.3	12.3	61	38.0
Q927258		74	3.8	13.9	125	33.0
Q927259		78	3.3	13.9	68	31.4
Q927260		76	3.6	14.1	127	34.5
Q927261		57	7.4	8.8	3430	24.1
Q927262		60	3.7	12.6	1340	24.9
Q927263		2	0.1	0.8	16	<0.5
Q927264		87	5.2	15.0	152	28.6
Q927265		68	3.5	15.4	72	30.8
Q927266		91	1.9	16.2	51	36.0
Q927267		73	4.0	16.2	56	33.8
Q927268		75	2.3	16.0	66	34.6
Q927269		71	5.7	15.2	62	33.6
Q927270		69	5.2	12.5	429	29.1
Q927271		56	5.2	10.3	7280	24.6
Q927272		68	3.3	14.6	332	33.2
Q927273		66	4.7	14.0	95	28.8
Q927274		67	5.5	13.9	92	30.1
Q927275		66	8.2	14.0	43	31.6
Q927276		69	4.4	12.5	61	26.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111983

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14111984

Project: Klaza

P.O. No.: Batch 92

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

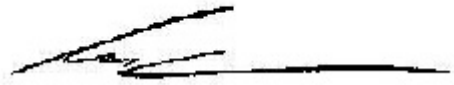
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111984

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927277		7.31	<0.005	0.17	7.18	27.5	4090	1.63	0.70	2.72	0.10	47.5	5.3	9	19.35	5.6
Q927278		7.32	0.011	0.33	6.82	28.2	1940	1.38	1.03	2.47	0.13	44.4	6.7	9	13.55	56.2
Q927279		3.92	0.022	0.31	7.22	36.5	1870	1.56	1.02	2.52	0.11	50.6	6.0	14	14.05	92.7
Q927280		3.61	0.015	0.05	8.60	10.0	1390	1.51	2.05	3.11	0.05	105.5	2.3	7	35.0	0.9
Q927281		10.90	<0.005	0.28	6.88	11.6	2860	1.43	0.75	2.53	0.09	44.0	5.5	10	11.40	5.5
Q927282		3.03	0.016	1.23	5.40	43.8	170	1.61	0.24	2.02	0.66	46.9	6.3	19	23.8	10.6
Q927283		7.08	0.005	0.67	6.40	27.4	1850	1.42	0.67	3.43	0.27	44.4	5.3	9	19.90	21.6
Q927284		2.40	0.110	2.67	5.00	245	1790	1.52	0.34	4.85	0.94	36.4	6.0	9	18.80	10.9
Q927285		1.62	0.010	0.69	7.34	31.0	7040	2.21	0.12	2.78	0.56	67.6	9.7	42	29.6	12.0
Q927286		0.26	0.377	3.85	6.72	718	470	1.43	3.66	1.98	11.20	50.1	12.3	24	12.35	303
Q927287		6.71	0.020	1.43	6.79	96.1	3160	1.55	0.59	3.04	1.78	50.3	7.8	12	20.9	37.5
Q927288		4.92	<0.005	0.21	6.95	20.7	1230	1.50	0.46	2.96	0.08	46.7	5.7	9	18.50	7.4
Q927289		6.35	<0.005	0.12	6.96	10.8	2410	1.49	0.67	2.31	0.08	40.1	6.2	14	12.75	22.4
Q927290		9.36	<0.005	0.18	7.28	9.8	2410	1.56	0.63	2.44	0.11	45.7	6.1	14	9.02	25.1
Q927291		<0.02	<0.005	0.18	7.06	9.7	2360	1.60	0.63	2.36	0.11	44.6	5.9	14	9.04	20.6
Q927292		2.03	0.014	1.20	6.71	314	1540	1.40	0.54	2.24	4.60	39.2	6.5	11	13.30	65.5
Q927293		2.89	0.005	0.33	6.87	30.2	3020	1.53	0.48	1.68	0.28	42.6	4.8	15	19.15	168.0
Q927294		10.29	0.044	1.47	6.92	161.5	2420	1.61	0.34	2.55	2.92	40.2	7.0	9	19.70	19.3
Q927295		9.85	0.019	0.52	6.60	35.1	2160	1.56	0.58	2.31	0.48	39.9	6.4	8	23.7	43.1
Q927296		10.29	<0.005	0.14	6.81	15.1	1090	1.88	0.28	2.52	0.14	47.2	5.4	26	32.2	10.9
Q927297		13.02	<0.005	0.04	6.82	9.3	1800	2.01	0.08	2.89	0.08	43.9	5.2	18	34.3	4.8
Q927298		5.78	<0.005	0.07	6.77	11.7	1030	2.01	0.11	2.67	0.05	45.6	5.5	23	35.7	6.4
Q927299		6.77	<0.005	0.20	6.95	16.4	1180	1.96	0.19	2.93	0.14	50.6	5.6	30	30.3	14.5
Q927300		5.91	0.066	1.29	7.04	163.0	2130	1.68	2.33	2.38	6.05	47.8	3.6	11	26.5	13.8
Q927301		4.94	<0.005	0.01	0.06	<0.2	20	0.07	0.02	20.3	0.04	1.00	0.8	1	0.14	2.1
Q927302		6.43	0.078	2.24	6.71	308	2690	1.55	0.41	2.11	5.99	42.2	4.3	10	20.8	22.6
Q927303		4.58	0.006	1.30	7.58	60.5	2120	1.52	0.45	0.98	0.88	50.1	3.9	8	19.80	20.6
Q927304		4.38	0.010	0.30	6.93	23.3	2210	1.33	0.55	2.23	0.29	43.2	5.3	9	16.70	11.5
Q927305		0.26	0.844	10.25	6.53	1560	410	1.45	12.30	1.71	33.0	47.4	17.5	18	12.25	284
Q927306		9.82	<0.005	0.18	7.23	16.3	2550	1.50	0.25	2.25	0.24	43.6	5.6	11	11.30	11.7
Q927307		6.37	<0.005	0.39	6.95	47.0	2140	1.58	0.68	2.02	0.36	42.9	5.1	11	12.50	13.0
Q927308		9.18	0.005	0.32	7.65	15.9	2870	1.79	0.71	1.80	0.22	46.9	4.2	13	9.01	19.5
Q927309		7.08	0.125	0.39	7.43	22.2	2100	1.29	1.49	1.06	0.14	54.9	14.4	9	7.87	19.0
Q927310		5.38	<0.005	0.01	0.06	<0.2	20	0.06	0.03	20.9	0.06	1.36	1.2	1	0.13	5.0
Q927311		10.75	0.014	0.24	7.13	21.0	2730	2.06	0.65	1.74	0.11	51.5	5.1	13	10.25	29.8
Q927312		9.85	0.005	0.14	6.93	43.1	2670	2.30	0.71	1.98	0.15	38.6	3.8	18	14.80	6.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111984

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927277		3.40	16.10	0.20	1.1	0.134	3.14	25.1	76.1	1.07	1500	1.29	0.19	7.5	2.3	580
Q927278		3.75	15.00	0.19	1.1	0.158	2.79	22.7	53.9	0.92	1390	0.88	0.76	7.4	2.4	570
Q927279		4.00	16.65	0.16	1.2	0.177	3.01	25.8	49.7	0.95	1380	1.33	0.86	7.5	2.4	580
Q927280		6.36	26.3	0.18	0.9	0.449	2.57	53.4	38.6	0.91	1950	0.33	2.59	6.6	3.0	550
Q927281		3.55	16.05	0.14	1.2	0.164	2.49	22.4	20.7	0.89	1140	1.13	1.84	7.6	2.3	570
Q927282		1.80	13.05	0.14	2.0	0.034	1.95	25.5	95.6	0.74	1420	3.33	0.03	6.7	5.0	720
Q927283		2.40	13.75	0.15	1.3	0.068	2.41	23.7	78.8	1.29	1660	3.58	0.02	7.0	2.2	510
Q927284		2.35	10.55	0.11	1.0	0.048	2.02	19.9	37.8	1.83	2550	2.87	0.02	5.3	3.1	410
Q927285		3.22	18.35	0.15	4.2	0.044	1.57	33.7	263	1.08	1200	1.37	0.01	10.9	14.9	1660
Q927286		4.96	14.75	0.11	1.1	0.311	2.95	29.1	27.8	0.77	1890	15.80	0.15	6.1	14.0	520
Q927287		2.96	14.70	0.13	1.2	0.084	3.07	27.2	58.9	1.03	2410	2.11	0.04	7.4	3.1	560
Q927288		2.77	15.25	0.16	1.2	0.079	2.69	24.2	74.8	1.07	1280	1.12	0.05	8.0	2.3	680
Q927289		2.89	15.15	0.16	1.1	0.113	3.18	19.7	24.8	0.67	829	1.70	1.63	7.7	2.3	580
Q927290		2.90	15.50	0.15	1.3	0.072	3.18	22.6	9.2	0.78	965	2.18	2.00	7.8	2.5	600
Q927291		2.83	15.80	0.16	1.3	0.063	3.12	22.1	9.2	0.76	928	2.40	1.96	8.0	2.4	590
Q927292		2.85	15.05	0.14	1.2	0.061	3.46	19.4	13.6	0.63	5710	1.51	0.57	7.4	2.3	560
Q927293		2.50	15.00	0.13	1.2	0.096	2.84	21.6	124.0	0.60	836	5.30	0.37	7.6	2.0	550
Q927294		3.06	15.95	0.15	1.1	0.069	3.32	19.7	16.6	0.48	3500	6.47	1.14	8.0	2.5	570
Q927295		3.00	15.60	0.12	1.1	0.101	3.29	19.1	19.6	0.42	1250	2.26	1.29	8.0	3.1	570
Q927296		2.00	17.85	0.14	3.6	0.028	2.80	23.4	63.8	0.77	490	1.37	1.05	9.0	17.5	670
Q927297		2.14	17.85	0.17	2.4	0.030	2.79	21.4	65.2	0.86	451	1.43	1.12	8.8	10.4	780
Q927298		2.04	18.60	0.16	3.4	0.025	2.97	22.1	60.3	0.78	441	1.47	1.52	9.1	16.3	710
Q927299		2.11	18.35	0.16	4.1	0.033	3.14	25.1	55.7	0.82	747	1.35	1.50	9.0	20.0	640
Q927300		3.22	14.90	0.13	1.3	0.138	4.22	25.3	20.6	0.87	3040	3.09	0.48	7.5	3.6	560
Q927301		0.46	0.27	0.22	<0.1	<0.005	0.02	0.5	1.3	12.50	207	0.13	0.01	0.1	1.4	180
Q927302		3.01	14.35	0.20	1.3	0.131	3.54	20.7	18.5	0.86	3470	1.72	0.80	7.6	2.2	540
Q927303		2.87	15.40	0.21	1.3	0.105	3.49	27.3	22.8	0.48	2010	1.03	0.88	7.6	2.6	580
Q927304		2.94	14.70	0.18	1.4	0.101	3.49	21.2	29.8	0.79	1180	1.26	0.54	7.8	2.2	560
Q927305		6.36	14.45	0.13	1.1	0.819	2.84	25.9	19.5	0.73	1700	10.15	0.13	6.3	11.9	510
Q927306		2.92	15.20	0.14	1.3	0.076	3.17	21.7	12.1	0.67	694	1.58	2.03	7.9	2.4	580
Q927307		2.91	15.25	0.15	1.3	0.116	3.00	21.0	20.5	0.55	903	1.51	1.59	8.2	2.5	570
Q927308		3.42	15.70	0.16	1.3	0.161	3.14	24.4	14.9	0.63	1030	1.43	1.97	8.1	2.7	600
Q927309		4.04	15.00	0.15	1.2	0.277	3.04	30.3	17.2	0.37	1080	1.04	1.35	7.1	2.4	480
Q927310		0.48	0.25	0.05	<0.1	0.007	0.02	0.6	0.9	13.20	198	0.26	0.01	0.2	<0.2	180
Q927311		3.62	16.80	0.14	1.3	0.200	2.95	24.2	19.0	0.49	1300	1.47	1.54	8.9	2.4	570
Q927312		3.27	18.20	0.15	1.4	0.118	2.88	17.6	29.4	0.34	1120	1.70	1.31	9.2	2.9	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111984

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927277		11.7	127.5	<0.002	0.34	13.55	10.1	1	2.2	159.0	0.57	<0.05	10.7	0.229	2.32	4.2
Q927278		12.1	113.0	<0.002	0.36	28.7	10.0	<1	2.6	128.5	0.55	<0.05	10.1	0.231	2.00	4.3
Q927279		12.5	120.5	<0.002	0.36	38.7	10.4	1	3.2	150.5	0.55	<0.05	10.1	0.228	2.14	4.7
Q927280		13.1	110.5	<0.002	0.03	13.15	9.8	1	9.6	211	0.46	<0.05	14.9	0.228	2.12	2.9
Q927281		10.9	100.5	<0.002	0.13	6.32	10.1	1	4.0	209	0.55	<0.05	10.1	0.237	1.59	3.7
Q927282		27.1	102.5	0.002	0.16	80.0	7.1	1	1.4	810	0.45	<0.05	8.1	0.225	1.75	35.0
Q927283		17.8	103.5	<0.002	0.30	24.0	8.9	1	2.6	294	0.54	<0.05	10.2	0.212	2.27	6.6
Q927284		79.4	114.5	<0.002	0.54	25.5	6.8	1	2.3	165.0	0.40	<0.05	7.7	0.167	1.92	5.1
Q927285		28.1	69.6	<0.002	0.25	68.2	8.8	1	1.5	486	0.62	<0.05	6.5	0.429	1.35	6.5
Q927286		481	164.0	0.004	2.69	27.2	9.1	2	5.9	112.0	0.48	0.33	10.6	0.201	2.38	5.2
Q927287		164.0	166.0	<0.002	0.92	24.3	10.0	1	2.0	179.0	0.54	<0.05	10.6	0.230	2.25	6.0
Q927288		13.8	116.5	<0.002	0.26	11.45	10.7	1	2.3	172.5	0.61	<0.05	10.6	0.245	2.35	5.3
Q927289		13.6	130.5	<0.002	0.10	5.30	9.9	1	2.1	291	0.57	<0.05	9.2	0.239	1.75	3.5
Q927290		28.0	121.5	<0.002	0.08	2.80	10.4	1	1.9	334	0.60	<0.05	10.6	0.250	1.54	3.9
Q927291		24.1	123.5	<0.002	0.08	2.84	10.4	2	2.0	328	0.60	<0.05	10.8	0.244	1.54	4.1
Q927292		242	134.5	<0.002	0.61	10.90	9.7	2	1.9	165.0	0.52	<0.05	9.9	0.234	2.45	3.9
Q927293		17.2	108.5	<0.002	0.12	82.9	9.7	1	2.1	162.0	0.55	<0.05	10.3	0.230	1.41	5.0
Q927294		219	141.0	<0.002	0.21	10.30	10.0	1	2.9	274	0.58	<0.05	10.0	0.241	2.14	2.7
Q927295		47.6	129.0	<0.002	0.08	8.59	9.9	2	2.1	288	0.59	<0.05	9.9	0.241	1.93	2.7
Q927296		16.2	91.2	<0.002	0.02	6.81	5.6	1	1.8	378	0.68	<0.05	8.4	0.256	1.20	3.7
Q927297		16.2	81.9	<0.002	0.03	1.91	5.5	1	1.4	530	0.64	<0.05	7.0	0.267	1.00	3.1
Q927298		16.0	92.8	<0.002	0.01	2.64	5.6	1	1.6	445	0.68	<0.05	7.8	0.259	1.13	3.8
Q927299		18.2	103.5	<0.002	0.01	6.45	5.7	1	1.8	342	0.69	<0.05	9.0	0.253	1.30	4.5
Q927300		51.7	172.0	<0.002	0.73	13.70	9.8	1	2.3	230	0.62	0.05	11.9	0.232	2.75	4.2
Q927301		1.5	0.9	<0.002	<0.01	0.06	0.2	<1	11.7	49.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q927302		146.0	132.0	<0.002	0.53	22.2	8.9	1	2.1	217	0.62	<0.05	10.2	0.224	2.49	3.4
Q927303		36.6	145.0	<0.002	0.43	17.30	9.9	1	1.9	141.5	0.61	<0.05	15.2	0.240	2.05	3.8
Q927304		25.8	124.5	<0.002	0.09	8.42	9.3	1	1.9	168.0	0.68	<0.05	10.7	0.233	1.97	3.5
Q927305		1250	164.0	<0.002	4.58	69.6	9.3	2	8.5	99.0	0.51	1.03	10.5	0.196	2.52	5.1
Q927306		24.1	116.5	<0.002	0.04	3.13	9.8	2	1.8	360	0.60	<0.05	10.3	0.240	1.41	2.6
Q927307		38.8	120.5	<0.002	0.05	6.04	10.1	1	1.8	213	0.61	<0.05	10.7	0.241	1.75	2.9
Q927308		19.4	123.0	<0.002	0.04	5.00	10.5	2	1.9	209	0.63	<0.05	11.4	0.249	1.59	2.9
Q927309		14.8	136.0	<0.002	0.25	5.71	9.3	1	2.0	120.5	0.65	0.07	17.0	0.199	1.67	4.2
Q927310		2.2	1.1	<0.002	<0.01	0.05	0.2	1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q927311		16.0	117.0	<0.002	0.12	6.40	11.5	<1	2.0	155.5	0.73	<0.05	12.7	0.254	1.72	4.0
Q927312		18.9	106.5	<0.002	0.04	7.27	11.9	<1	2.4	192.0	0.70	<0.05	10.4	0.276	1.73	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111984

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927277		65	10.5	12.7	55	31.0
Q927278		64	6.2	11.2	62	31.0
Q927279		68	6.3	11.3	72	34.3
Q927280		97	4.9	10.8	83	25.3
Q927281		69	3.9	12.7	57	35.1
Q927282		58	4.1	14.7	56	86.7
Q927283		60	3.7	12.0	46	37.7
Q927284		46	3.3	9.8	79	28.3
Q927285		89	9.1	13.7	120	185.5
Q927286		66	5.5	11.5	853	31.0
Q927287		63	3.9	13.6	217	38.9
Q927288		68	3.1	15.2	43	36.7
Q927289		68	2.4	12.6	45	34.9
Q927290		71	2.1	14.1	52	41.1
Q927291		69	4.5	14.0	50	40.4
Q927292		65	5.1	13.1	573	36.4
Q927293		65	3.7	12.3	66	36.6
Q927294		68	11.1	13.8	241	31.3
Q927295		67	4.2	12.8	81	30.9
Q927296		50	1.7	9.8	52	144.5
Q927297		50	0.9	9.4	57	86.2
Q927298		50	0.9	9.7	53	128.0
Q927299		51	1.0	10.5	59	165.5
Q927300		64	3.4	14.7	442	39.6
Q927301		2	0.1	0.7	14	<0.5
Q927302		62	3.4	12.4	425	37.5
Q927303		67	3.0	13.0	116	38.1
Q927304		65	2.5	14.1	57	39.9
Q927305		61	5.8	10.7	2240	28.9
Q927306		67	1.9	13.9	58	37.8
Q927307		64	2.9	12.8	71	40.4
Q927308		71	3.5	14.0	69	39.4
Q927309		62	10.8	12.7	69	34.9
Q927310		2	0.1	0.9	16	0.5
Q927311		67	5.6	13.8	65	33.9
Q927312		72	3.8	12.5	66	37.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111984

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

CERTIFICATE WH14111988

Project: Klaza

P.O. No.: Batch 99

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111988

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927421		4.64	<0.005	0.08	7.07	6.9	2150	1.46	0.13	2.64	0.13	45.2	7.3	16	14.00	15.8
Q927422		4.65	<0.005	0.09	7.36	5.8	2240	1.59	0.12	2.70	0.09	51.9	6.9	18	13.45	8.9
Q927423		2.93	<0.005	0.19	6.88	33.2	1750	1.46	0.15	2.57	0.11	43.0	6.2	11	21.1	7.8
Q927424		4.32	<0.005	0.06	6.74	14.5	2260	1.68	0.16	2.64	0.09	43.4	6.5	12	16.65	7.2
Q927425		0.24	0.920	11.60	6.41	1495	520	1.31	12.80	1.90	31.4	49.1	16.6	17	13.05	284
Q927426		3.09	<0.005	0.16	6.61	20.2	1620	1.48	0.18	2.47	0.40	42.2	7.1	10	19.75	14.8
Q927427		3.04	<0.005	0.18	6.90	25.9	2100	1.62	0.39	2.49	0.44	49.0	7.0	15	10.30	9.9
Q927428		2.08	0.165	4.74	6.68	774	1610	1.58	2.92	3.29	7.47	51.1	7.7	13	27.3	231
Q927429		5.64	<0.005	0.01	0.05	0.4	40	<0.05	0.01	21.1	0.05	1.10	0.6	1	0.14	1.9
Q927430		2.75	<0.005	0.24	6.87	47.9	2150	1.35	0.23	2.27	0.58	42.4	5.0	10	11.90	7.4
Q927431		2.89	<0.005	0.28	6.64	33.3	3170	1.46	0.18	3.00	0.79	44.2	7.0	11	19.60	19.3
Q927432		2.58	0.097	0.78	6.98	157.0	1950	1.41	0.19	2.47	1.02	47.3	6.5	12	12.10	15.4
Q927433		3.12	<0.005	0.07	7.31	6.2	2290	1.55	0.18	2.75	0.10	43.3	7.0	13	8.57	11.9
Q927434		1.54	<0.005	0.07	7.02	6.1	2140	1.49	0.18	2.61	0.11	51.1	6.8	13	8.41	13.1
Q927435		1.36	0.022	1.16	6.86	205	1380	1.62	0.20	2.89	2.30	48.0	7.4	12	17.35	23.4
Q927436		3.77	<0.005	0.12	7.30	10.8	1370	1.67	1.49	2.44	0.11	52.0	7.7	12	9.32	7.8
Q927437		5.76	<0.005	0.18	7.08	7.2	2320	1.66	0.88	2.54	0.07	47.2	12.6	14	6.68	5.6
Q927438		3.85	<0.005	0.22	7.57	18.9	2340	1.48	0.75	3.02	0.06	44.7	8.3	11	7.33	5.7
Q927439		1.49	<0.005	0.19	7.77	18.8	1810	1.31	0.59	1.27	0.16	47.4	8.1	13	13.35	38.9
Q927440		2.97	0.015	5.70	6.89	168.0	1870	1.53	0.49	2.41	20.1	44.4	15.1	11	15.00	104.5
Q927441		0.24	1.650	36.4	5.54	2420	180	1.16	36.4	1.70	43.2	37.1	15.6	21	9.54	1190
Q927442		2.04	0.040	1.59	6.57	115.0	1000	1.52	0.42	2.97	3.60	44.1	8.6	14	15.60	19.2
Q927443		1.73	0.406	3.76	6.66	597	610	1.65	0.52	3.39	0.86	48.0	9.9	10	21.9	113.0
Q927444		2.02	<0.005	0.02	0.08	1.0	30	0.09	0.02	20.8	0.07	1.21	0.6	1	0.21	1.7
Q927445		3.54	0.007	0.18	7.60	21.4	1920	1.22	0.56	1.57	0.13	47.3	8.6	12	14.80	104.0
Q927446		2.24	<0.005	3.64	6.83	18.6	1390	1.42	0.60	2.04	12.20	43.9	6.1	19	17.75	29.5
Q927447		3.71	<0.005	0.18	7.55	45.1	670	1.84	0.15	2.22	0.52	74.7	10.4	36	27.2	13.0
Q927448		5.96	0.011	0.25	6.82	37.3	580	1.95	0.18	2.95	0.56	62.3	5.2	18	23.5	6.5
Q927449		5.99	0.087	2.42	6.89	80.8	1820	1.80	2.45	2.56	2.45	58.9	6.0	16	22.3	24.2
Q927450		3.93	<0.005	1.77	7.04	59.1	1060	1.43	0.10	2.78	0.15	42.4	7.5	22	24.4	249
Q927451		3.07	0.007	0.24	7.44	41.6	810	1.36	0.10	3.84	0.09	48.0	9.1	20	16.95	7.8
Q927452		<0.02	0.006	0.24	7.56	43.7	790	1.49	0.10	3.93	0.10	52.2	9.2	17	17.45	8.7
Q927453		6.94	0.014	0.48	7.26	127.5	1530	1.39	0.14	2.96	0.37	41.6	9.0	25	16.70	11.9
Q927454		3.56	0.005	0.68	6.93	72.6	940	1.53	0.11	2.68	0.38	38.1	8.3	22	24.1	11.3
Q927455		3.45	<0.005	0.11	6.92	20.0	1580	1.76	0.11	2.40	0.09	44.9	7.8	13	28.6	5.9
Q927456		2.60	0.028	0.69	7.01	109.0	1980	1.75	0.58	2.89	1.28	44.5	8.8	19	18.60	16.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111988

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927421		2.95	16.15	0.09	1.2	0.060	2.83	21.9	13.1	0.75	622	1.67	2.21	8.0	2.7	570
Q927422		2.92	16.45	0.10	1.3	0.049	2.80	25.2	13.5	0.76	615	2.00	2.25	8.0	2.9	570
Q927423		2.68	15.35	0.11	1.2	0.053	3.25	19.9	33.7	0.82	985	1.58	0.48	7.6	2.5	560
Q927424		2.94	15.50	0.11	1.2	0.059	2.96	19.7	12.0	0.71	683	1.33	1.76	7.7	2.7	550
Q927425		6.43	14.75	0.07	1.1	0.763	2.82	25.0	19.2	0.76	1740	8.62	0.12	6.1	11.9	510
Q927426		2.99	15.00	0.09	1.2	0.060	3.04	18.9	28.9	0.80	925	1.50	0.79	7.9	2.6	590
Q927427		3.15	15.45	0.13	1.1	0.101	2.75	24.3	10.2	0.67	867	1.69	2.10	7.6	2.5	550
Q927428		3.84	15.90	0.11	1.1	0.273	3.01	26.4	27.9	1.17	2200	23.9	0.06	6.9	3.8	550
Q927429		0.47	0.20	0.20	<0.1	0.012	0.02	0.5	1.0	13.30	197	0.20	0.01	0.1	1.5	160
Q927430		3.24	15.35	0.15	1.5	0.098	3.47	19.4	16.8	0.68	1370	1.37	1.06	7.7	2.3	570
Q927431		2.83	15.60	0.13	1.4	0.062	2.91	20.7	39.6	0.87	1290	1.85	0.62	7.8	2.6	560
Q927432		2.91	15.65	0.09	1.2	0.086	3.22	22.1	22.8	0.70	2030	1.46	0.90	7.5	2.4	550
Q927433		3.05	16.20	0.10	1.3	0.065	2.89	19.7	10.8	0.79	631	1.58	2.20	7.9	2.5	580
Q927434		2.96	15.75	0.13	1.2	0.067	2.74	24.7	10.4	0.75	612	1.46	2.09	7.6	2.7	550
Q927435		2.92	15.70	0.12	1.1	0.068	3.19	22.9	16.7	0.84	2850	8.71	0.56	7.7	2.4	560
Q927436		3.19	16.45	0.12	1.2	0.086	1.78	25.4	17.0	0.86	730	1.24	2.65	7.7	2.4	570
Q927437		3.23	15.05	0.09	1.2	0.079	2.65	22.7	10.2	0.81	782	1.47	2.42	7.5	2.6	560
Q927438		3.45	15.75	0.10	1.3	0.136	2.31	20.5	12.9	0.61	944	2.51	3.00	7.7	2.2	580
Q927439		2.87	17.50	0.10	1.6	0.060	3.12	22.9	27.9	0.44	856	1.52	0.36	8.3	2.6	580
Q927440		3.13	16.75	0.10	1.3	0.082	3.16	20.5	17.9	0.71	1580	2.24	1.06	8.1	2.7	600
Q927441		8.89	13.25	0.06	0.8	1.425	2.56	17.7	15.9	0.68	2200	16.35	0.06	4.5	14.2	440
Q927442		2.94	15.10	0.10	1.2	0.058	3.42	21.2	21.5	0.87	2630	1.90	0.19	7.5	2.4	560
Q927443		3.28	14.95	0.07	1.3	0.055	2.79	23.5	29.0	0.98	3560	1.52	0.02	7.3	2.5	560
Q927444		0.47	0.29	0.17	<0.1	0.015	0.04	0.5	1.3	13.10	192	0.10	0.01	0.4	1.6	170
Q927445		2.88	16.60	0.17	1.5	0.056	2.98	22.8	35.5	0.52	671	2.05	0.52	8.0	2.4	600
Q927446		2.95	17.55	0.14	1.3	0.086	2.68	20.6	30.6	0.77	1880	3.26	0.06	7.6	2.8	530
Q927447		3.36	18.40	0.17	4.3	0.040	2.04	36.6	174.0	1.23	1070	0.98	0.04	11.4	12.0	1700
Q927448		2.48	17.30	0.18	2.5	0.026	1.94	30.4	66.9	1.00	1020	1.59	0.05	11.0	3.3	840
Q927449		2.52	17.55	0.16	2.6	0.047	2.05	27.8	57.4	0.86	1200	1.84	0.05	11.3	3.0	870
Q927450		3.08	16.10	0.16	1.1	0.081	2.71	19.9	90.4	0.91	1320	1.48	0.06	8.0	2.5	630
Q927451		3.19	15.65	0.16	1.2	0.040	2.40	24.0	59.0	1.38	1610	1.46	0.03	7.5	2.7	630
Q927452		3.34	15.75	0.15	1.2	0.046	2.43	26.4	59.7	1.41	1640	2.54	0.03	7.7	3.1	640
Q927453		2.94	16.35	0.15	1.1	0.044	2.56	19.4	40.9	1.05	1500	2.42	0.03	8.1	3.0	670
Q927454		3.06	16.95	0.17	1.3	0.073	2.71	16.7	64.1	0.75	1760	1.46	0.09	8.6	2.8	680
Q927455		3.29	16.70	0.16	1.3	0.036	2.59	20.7	83.0	0.70	756	2.25	0.63	8.6	2.9	640
Q927456		4.05	16.15	0.15	1.0	0.205	2.83	21.5	24.1	1.06	4870	1.68	0.03	7.9	3.2	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111988

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927421		17.9	107.0	<0.002	0.02	1.86	10.0	1	1.9	351	0.65	<0.05	12.4	0.245	1.29	2.8
Q927422		17.5	113.0	0.002	0.02	1.46	10.2	2	1.9	363	0.68	<0.05	14.1	0.246	1.23	3.7
Q927423		15.6	124.0	0.002	0.14	9.90	9.3	1	2.1	130.5	0.64	<0.05	12.7	0.244	2.36	3.7
Q927424		16.5	116.5	0.002	0.07	4.48	9.6	1	2.0	293	0.64	<0.05	11.5	0.247	1.61	3.0
Q927425		1245	168.0	0.003	4.47	61.0	9.2	2	7.8	92.2	0.53	1.25	12.1	0.206	2.60	5.4
Q927426		28.0	122.0	0.003	0.18	13.20	9.9	1	1.9	133.0	0.64	<0.05	11.9	0.251	2.07	4.1
Q927427		30.6	126.0	0.002	0.30	4.44	9.9	1	2.0	247	0.63	0.05	13.6	0.238	1.70	4.9
Q927428		379	169.5	0.003	1.63	41.3	9.6	1	3.9	146.0	0.60	0.25	11.9	0.235	2.89	5.0
Q927429		1.6	1.0	0.002	<0.01	0.10	0.1	1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q927430		54.5	129.5	0.002	0.21	6.58	9.4	1	2.2	170.5	0.66	0.05	11.6	0.247	1.89	3.2
Q927431		45.3	113.0	0.002	0.30	14.20	9.7	1	2.0	168.5	0.69	<0.05	11.9	0.244	1.94	6.5
Q927432		121.0	143.5	0.003	0.37	15.05	9.9	2	2.4	178.5	0.61	0.05	12.7	0.237	1.95	5.4
Q927433		17.8	108.0	0.003	0.04	1.61	10.0	1	2.3	357	0.67	<0.05	11.7	0.256	1.19	3.4
Q927434		17.7	109.5	0.002	0.04	1.66	9.9	2	2.4	337	0.60	<0.05	12.1	0.242	1.19	3.4
Q927435		80.7	137.0	0.003	0.76	17.20	10.3	1	2.9	135.0	0.63	<0.05	12.1	0.250	2.31	3.2
Q927436		13.7	84.8	0.002	0.08	10.50	9.7	1	2.8	245	0.71	<0.05	15.2	0.238	0.94	3.7
Q927437		13.9	103.0	0.002	0.35	3.50	9.7	1	2.0	255	0.65	0.06	13.0	0.232	1.31	2.9
Q927438		10.1	92.3	0.002	0.39	4.50	8.9	1	2.2	201	0.72	0.05	12.9	0.228	1.28	5.8
Q927439		20.9	129.5	0.003	0.31	21.7	10.9	1	2.2	101.5	0.74	<0.05	14.6	0.258	1.54	8.6
Q927440		400	125.0	0.003	0.50	26.2	10.9	2	3.5	210	0.64	0.05	12.0	0.263	1.96	4.9
Q927441		1565	144.5	0.004	7.52	102.0	8.1	1	10.7	59.5	0.39	0.68	9.1	0.161	2.08	5.2
Q927442		80.9	134.0	0.003	1.11	16.70	9.6	2	2.2	129.0	0.63	<0.05	12.1	0.240	2.50	4.6
Q927443		46.9	124.0	0.002	1.81	53.8	10.0	1	2.8	188.5	0.59	<0.05	11.8	0.238	2.44	5.0
Q927444		1.9	2.2	0.004	0.01	0.14	0.2	1	<0.2	46.0	<0.05	<0.05	0.3	<0.005	<0.02	0.5
Q927445		15.4	118.0	0.003	0.37	13.15	10.3	2	2.3	158.0	0.67	0.07	13.5	0.258	1.54	3.4
Q927446		189.0	102.0	<0.002	0.23	28.3	9.8	1	2.5	95.2	0.65	<0.05	12.5	0.228	2.08	7.2
Q927447		23.5	80.0	<0.002	0.06	27.9	8.0	1	1.2	643	0.74	<0.05	8.7	0.412	1.67	4.5
Q927448		24.3	62.2	<0.002	0.15	13.45	5.8	1	1.6	257	0.76	<0.05	10.0	0.242	2.04	7.3
Q927449		132.0	60.1	0.002	0.23	24.2	5.9	1	1.9	287	0.77	<0.05	9.6	0.260	2.11	6.8
Q927450		17.3	95.4	<0.002	0.25	27.3	11.2	1	1.6	204	0.63	<0.05	10.8	0.269	1.89	3.8
Q927451		13.4	94.4	<0.002	0.18	6.50	11.4	1	1.5	171.5	0.60	<0.05	13.3	0.267	1.77	4.6
Q927452		13.0	105.5	<0.002	0.19	6.76	11.9	1	1.5	175.0	0.63	<0.05	13.0	0.272	1.79	4.8
Q927453		21.5	91.7	<0.002	0.43	7.24	11.7	<1	1.6	174.5	0.62	<0.05	11.5	0.280	1.96	5.2
Q927454		28.5	92.1	<0.002	0.44	12.05	11.1	1	1.7	145.5	0.71	<0.05	10.8	0.285	2.14	4.4
Q927455		16.3	91.3	<0.002	0.07	6.71	11.3	1	1.6	233	0.73	<0.05	12.0	0.281	1.66	4.2
Q927456		102.0	116.5	<0.002	0.73	9.50	11.5	1	3.5	151.0	0.59	<0.05	10.4	0.265	2.89	4.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111988

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927421		68	2.6	15.2	48	32.6
Q927422		66	3.0	16.0	49	34.7
Q927423		65	4.3	12.9	52	32.1
Q927424		66	3.0	14.0	47	31.3
Q927425		60	6.2	11.0	2350	29.3
Q927426		68	3.4	13.8	73	32.1
Q927427		64	2.8	14.2	87	30.3
Q927428		70	13.1	14.8	581	30.4
Q927429		2	0.2	0.7	15	0.5
Q927430		66	4.2	13.8	110	38.9
Q927431		64	3.5	14.2	101	37.9
Q927432		66	2.3	14.1	165	32.3
Q927433		69	1.2	14.9	47	33.2
Q927434		65	1.2	14.8	45	32.0
Q927435		67	4.2	15.1	213	32.6
Q927436		68	3.5	14.4	52	33.4
Q927437		62	3.0	14.3	49	32.5
Q927438		61	3.0	14.5	45	35.4
Q927439		72	3.6	15.6	59	41.4
Q927440		74	3.9	14.7	1160	35.3
Q927441		54	7.2	8.7	3300	22.9
Q927442		65	4.3	13.3	280	33.2
Q927443		64	4.0	14.7	110	33.1
Q927444		2	0.1	0.8	15	0.5
Q927445		69	3.5	14.6	43	38.8
Q927446		70	3.4	15.1	713	32.7
Q927447		83	2.9	13.8	118	176.0
Q927448		50	2.7	13.2	100	85.0
Q927449		52	2.4	12.4	234	85.7
Q927450		78	3.0	14.1	74	27.5
Q927451		75	4.6	15.9	59	27.8
Q927452		79	4.6	17.1	59	28.8
Q927453		82	7.0	14.6	75	25.6
Q927454		82	5.3	13.5	78	30.5
Q927455		82	2.6	13.6	59	28.2
Q927456		79	8.0	15.8	176	23.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111988

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14111989

Project: Klaza

P.O. No.: Batch 101

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

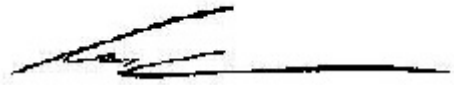
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111989

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927457		2.20	0.006	0.53	7.09	54.9	3240	2.45	0.20	3.83	0.50	60.2	8.4	16	32.6	37.9
Q927458		5.57	<0.005	0.04	7.34	29.1	610	1.91	0.08	2.71	0.22	70.8	9.5	31	26.4	9.0
Q927459		4.95	<0.005	0.10	7.27	45.3	2100	2.05	0.21	2.63	0.25	63.5	4.7	13	25.0	6.2
Q927460		6.80	0.007	0.20	7.51	17.0	2370	1.53	0.45	1.90	0.35	46.7	7.4	9	14.10	35.0
Q927461		5.87	0.006	0.84	7.54	27.1	1930	1.53	0.42	1.61	0.72	48.0	8.1	9	17.90	21.2
Q927462		1.81	0.008	0.26	7.30	12.7	1180	1.66	0.41	2.90	0.09	42.4	6.8	7	16.10	77.7
Q927463		5.54	<0.005	0.15	7.17	19.7	1870	1.66	0.43	2.17	0.07	49.2	11.5	9	8.88	10.8
Q927464		0.25	0.376	4.65	6.67	705	710	1.44	3.04	1.96	11.05	49.6	11.8	23	12.50	308
Q927465		2.05	<0.005	0.07	7.09	9.0	2070	1.69	0.33	2.06	0.12	45.5	2.5	8	8.76	6.2
Q927466		4.09	0.006	0.97	7.28	31.0	3970	1.25	1.06	1.41	5.30	47.2	6.9	7	9.32	83.3
Q927467		1.53	<0.005	2.01	7.49	33.4	2400	1.15	0.66	1.10	3.95	52.1	6.8	7	9.31	88.8
Q927468		5.64	<0.005	0.15	8.37	11.7	1920	1.21	0.39	0.76	0.40	57.2	7.4	9	15.60	43.7
Q927469		3.52	<0.005	0.19	7.05	20.8	1070	1.62	0.20	1.50	0.26	46.6	7.3	8	25.3	16.1
Q927470		2.90	0.012	0.34	7.41	22.1	1700	1.26	0.78	1.03	0.35	48.9	7.8	9	23.7	38.2
Q927471		5.07	<0.005	0.12	6.82	16.6	1450	1.37	0.33	2.01	0.16	43.7	6.4	8	25.9	13.8
Q927472		3.37	0.153	1.99	6.77	258	1960	1.61	0.53	2.51	4.14	39.8	2.9	7	10.25	21.4
Q927473		2.57	0.227	1.80	6.14	403	2690	1.48	0.49	3.34	4.54	38.2	3.2	7	10.30	14.7
Q927474		2.84	0.013	0.55	4.89	78.2	1420	0.97	0.71	1.72	0.41	32.7	13.3	8	5.28	7.3
Q927475		<0.02	0.015	0.54	4.91	85.2	1470	0.90	0.74	1.77	0.45	32.0	14.2	9	5.26	7.7
Q927476		2.89	0.206	3.85	3.74	498	630	0.75	0.91	1.81	5.58	23.9	2.4	10	3.76	10.0
Q927477		6.18	<0.005	0.03	0.05	1.0	30	0.05	0.03	20.6	0.06	1.00	0.6	1	0.12	1.9
Q927478		2.83	0.039	1.39	5.02	152.5	960	1.09	1.12	2.01	2.09	34.1	4.0	9	7.31	21.0
Q927479		6.13	0.015	0.49	7.03	75.7	2050	1.65	0.77	2.28	0.93	44.6	3.4	10	11.70	17.0
Q927480		4.58	<0.005	0.09	6.86	6.9	2000	1.50	0.41	2.45	0.09	38.2	3.8	10	11.70	8.2
Q927481		2.49	0.084	3.26	6.65	375	2150	1.51	1.43	2.81	4.69	40.8	7.8	11	15.75	58.3
Q927482		0.27	0.869	10.85	6.39	1530	690	1.36	11.80	1.75	31.8	45.2	15.8	17	12.05	274
Q927483		4.14	0.011	0.19	7.34	60.0	2020	1.76	0.34	2.73	0.42	43.0	7.9	11	19.20	13.5
Q927484		5.48	<0.005	0.11	7.65	8.9	2100	1.62	0.19	2.38	0.18	52.6	7.6	9	17.10	17.1
Q927485		6.92	<0.005	0.16	6.98	9.6	2090	1.49	0.31	2.68	0.15	39.3	7.6	11	12.75	23.4
Q927486		4.51	<0.005	0.15	7.21	8.2	2120	1.51	0.18	2.40	0.11	40.4	6.5	11	17.75	13.4
Q927487		1.10	0.271	27.4	6.24	841	1240	1.45	0.24	1.66	12.25	46.7	5.9	9	12.65	78.5
Q927488		5.73	<0.005	0.03	0.06	0.4	20	0.08	0.02	21.1	0.05	1.03	0.6	1	0.12	2.1
Q927489		4.45	<0.005	0.15	7.31	7.6	2180	1.49	0.19	2.43	0.11	43.9	6.5	10	16.45	18.9
Q927490		7.97	<0.005	0.42	7.13	28.6	1230	1.38	0.24	2.10	1.02	46.4	12.9	9	16.90	36.3
Q927491		2.14	0.278	8.40	6.73	1115	550	1.58	0.59	2.67	37.3	49.7	9.5	7	16.00	176.0
Q927492		3.35	0.007	0.59	7.20	25.6	920	1.41	0.23	2.49	2.63	51.3	6.6	7	15.80	15.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111989

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927457		2.57	18.60	0.18	3.5	0.057	2.67	28.4	34.2	1.32	1540	1.64	0.42	10.2	6.9	1080
Q927458		3.43	19.40	0.17	4.4	0.044	1.99	32.5	74.0	1.14	994	0.91	0.04	11.2	11.6	1740
Q927459		2.20	18.80	0.16	2.8	0.025	1.42	28.6	256	0.86	736	1.57	0.03	11.6	3.0	920
Q927460		2.79	16.95	0.14	1.6	0.062	3.12	20.5	24.5	0.59	918	1.16	0.90	8.2	2.4	610
Q927461		2.80	16.40	0.15	1.5	0.063	3.25	22.4	51.4	0.62	883	1.31	1.10	7.9	2.5	580
Q927462		4.54	18.35	0.16	1.4	0.100	2.93	17.1	31.4	1.09	1340	1.05	1.12	7.1	3.0	810
Q927463		2.86	16.60	0.14	1.4	0.076	2.81	21.7	12.4	0.73	797	1.18	2.13	8.1	2.4	570
Q927464		4.92	15.95	0.14	1.2	0.299	2.92	25.4	26.3	0.76	1930	14.40	0.15	6.1	14.4	510
Q927465		2.76	15.90	0.13	1.3	0.078	3.09	20.8	14.2	0.70	699	0.64	2.03	7.8	2.4	560
Q927466		2.71	16.15	0.13	1.4	0.196	2.48	22.0	41.7	0.45	996	1.10	0.28	7.6	2.3	560
Q927467		2.58	16.00	0.15	1.5	0.250	2.52	24.9	44.2	0.41	860	1.16	0.36	7.6	2.4	550
Q927468		2.61	18.50	0.16	1.7	0.046	2.78	27.8	40.6	0.39	742	1.97	0.14	8.7	2.5	640
Q927469		2.44	16.15	0.12	1.6	0.036	2.45	21.1	219	0.57	976	1.09	0.08	7.7	2.3	590
Q927470		2.46	16.85	0.16	1.8	0.041	2.79	22.4	38.6	0.52	878	2.16	0.10	8.2	2.5	600
Q927471		2.61	15.95	0.14	1.7	0.039	2.51	18.5	96.5	0.62	837	1.42	0.66	7.8	2.2	560
Q927472		3.02	16.20	0.15	1.2	0.102	2.47	15.3	21.6	0.80	1000	0.45	1.81	7.7	2.5	570
Q927473		2.74	14.55	0.13	1.2	0.073	2.74	14.6	23.0	0.85	1240	0.77	1.24	6.9	2.1	540
Q927474		2.67	12.15	0.15	0.7	0.135	2.39	14.5	14.7	0.64	1830	1.11	0.04	4.2	1.8	310
Q927475		2.74	12.20	0.14	0.7	0.130	2.42	14.6	15.0	0.66	1900	1.09	0.04	4.4	1.8	330
Q927476		1.91	9.86	0.13	0.6	0.084	1.88	10.8	14.8	0.61	2840	1.99	0.03	3.2	1.3	240
Q927477		0.45	0.19	0.10	<0.1	0.007	0.02	<0.5	1.2	12.65	209	0.10	<0.01	0.1	1.1	180
Q927478		2.35	12.70	0.14	0.8	0.128	2.26	15.2	26.0	0.67	1080	3.31	0.22	4.9	1.7	370
Q927479		3.06	16.55	0.15	1.5	0.089	2.89	20.0	12.5	0.75	855	3.31	1.95	8.1	2.6	580
Q927480		2.81	15.15	0.13	1.5	0.052	2.74	16.8	10.9	0.74	677	1.47	2.26	7.3	2.2	570
Q927481		3.14	16.05	0.16	1.5	0.106	2.67	16.3	13.4	0.66	1100	8.71	1.68	7.4	2.8	550
Q927482		6.30	15.20	0.15	1.1	0.770	2.71	21.5	18.8	0.73	1780	8.79	0.12	6.1	11.1	510
Q927483		3.03	17.45	0.14	1.6	0.059	2.86	18.1	37.6	0.78	653	2.24	1.72	8.6	2.4	620
Q927484		3.00	17.95	0.15	1.4	0.047	2.74	23.4	70.7	0.73	736	1.71	1.84	8.6	2.6	620
Q927485		3.02	16.15	0.19	1.3	0.047	2.58	15.3	13.8	0.75	765	2.16	2.18	7.8	2.3	580
Q927486		2.95	16.85	0.15	1.3	0.046	2.93	16.8	27.9	0.67	789	1.76	1.19	8.3	2.3	620
Q927487		2.75	14.40	0.16	1.0	0.077	2.98	23.1	41.0	0.62	2750	2.16	0.29	6.5	2.6	460
Q927488		0.48	0.17	0.11	<0.1	0.008	0.02	0.5	1.3	12.85	215	0.10	0.01	0.1	1.2	180
Q927489		2.93	16.65	0.15	1.3	0.071	2.90	19.2	13.8	0.75	697	1.46	2.00	8.1	2.2	600
Q927490		3.39	16.95	0.15	1.2	0.164	3.14	21.3	53.1	0.81	1660	2.39	0.17	7.9	2.3	580
Q927491		3.32	15.55	0.14	1.2	0.129	3.07	24.7	27.5	0.93	3760	3.22	0.04	7.4	2.6	550
Q927492		2.62	15.75	0.15	1.6	0.143	2.53	25.3	74.5	0.91	1560	1.95	0.07	7.8	2.2	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111989

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927457		25.8	119.0	<0.002	0.59	32.4	6.9	1	1.7	434	0.69	<0.05	8.3	0.304	3.19	8.0
Q927458		13.3	76.3	<0.002	0.03	22.7	7.6	1	1.3	451	0.74	<0.05	7.4	0.431	2.23	3.2
Q927459		15.3	52.9	<0.002	0.11	20.8	6.1	1	1.9	394	0.75	<0.05	9.2	0.276	1.76	6.1
Q927460		19.5	120.5	<0.002	0.32	19.95	10.3	1	2.0	177.5	0.68	<0.05	12.2	0.265	1.85	4.1
Q927461		97.5	130.0	<0.002	0.26	18.50	9.8	1	2.1	209	0.65	0.05	13.0	0.255	1.90	5.3
Q927462		10.2	123.0	<0.002	0.18	7.73	11.3	1	1.8	201	0.52	<0.05	7.8	0.322	2.23	3.2
Q927463		14.6	106.0	<0.002	0.18	5.33	10.2	1	2.0	311	0.64	0.05	12.4	0.248	1.49	4.7
Q927464		486	162.5	0.003	2.73	29.1	9.1	1	5.7	110.0	0.47	0.30	11.0	0.208	2.54	5.0
Q927465		14.9	112.5	<0.002	0.04	5.93	9.4	1	2.0	258	0.67	<0.05	11.8	0.239	1.59	9.7
Q927466		625	95.5	<0.002	0.41	43.3	9.6	1	2.2	145.5	0.63	<0.05	12.6	0.248	1.38	3.6
Q927467		1290	102.0	<0.002	0.38	44.8	9.5	1	2.0	124.5	0.66	<0.05	13.5	0.245	1.42	4.4
Q927468		33.9	116.0	<0.002	0.28	14.10	10.8	2	2.4	80.0	0.74	<0.05	15.9	0.281	1.42	5.0
Q927469		20.1	84.1	<0.002	0.23	25.8	9.7	1	2.1	156.0	0.62	<0.05	11.9	0.254	1.68	5.4
Q927470		49.6	110.5	<0.002	0.24	13.85	9.6	1	2.2	91.2	0.69	<0.05	13.5	0.259	1.50	4.4
Q927471		17.4	92.5	<0.002	0.11	14.00	9.7	1	2.0	209	0.67	<0.05	11.3	0.248	1.58	5.6
Q927472		154.0	95.9	<0.002	0.12	24.7	9.2	<1	2.7	220	0.62	<0.05	10.4	0.253	1.70	2.2
Q927473		76.8	94.8	<0.002	0.20	14.10	8.5	<1	2.1	240	0.57	<0.05	9.8	0.231	1.69	5.1
Q927474		48.0	145.0	<0.002	0.87	8.64	5.8	1	1.3	64.5	0.34	0.12	8.0	0.140	1.90	2.9
Q927475		56.4	146.0	<0.002	0.88	8.94	5.7	<1	1.4	67.9	0.35	0.07	8.4	0.141	2.05	2.9
Q927476		726	109.5	<0.002	0.62	240	4.8	<1	1.1	35.6	0.27	0.05	6.3	0.109	1.56	4.6
Q927477		2.4	1.0	<0.002	<0.01	0.31	0.1	<1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q927478		138.5	116.5	<0.002	0.35	14.55	6.1	<1	1.6	95.0	0.41	0.08	8.7	0.161	1.74	3.9
Q927479		54.5	115.0	<0.002	0.23	6.65	10.0	<1	2.2	283	0.66	0.07	11.5	0.254	1.71	3.7
Q927480		16.3	91.8	<0.002	0.02	4.38	9.1	<1	1.9	326	0.59	<0.05	10.0	0.254	1.27	3.2
Q927481		215	109.5	<0.002	0.60	10.45	9.3	1	2.6	331	0.57	0.18	10.6	0.236	1.58	4.2
Q927482		1230	160.0	<0.002	4.63	63.0	8.6	1	7.9	94.3	0.49	1.00	10.3	0.206	2.48	4.6
Q927483		26.2	111.0	<0.002	0.11	6.04	10.1	1	2.2	326	0.69	<0.05	11.3	0.266	1.64	3.7
Q927484		18.1	106.5	<0.002	0.08	10.00	10.9	<1	2.4	349	0.66	<0.05	12.2	0.272	1.33	3.6
Q927485		16.7	92.3	<0.002	0.07	3.39	8.8	1	2.5	368	0.65	0.05	10.1	0.249	1.36	3.5
Q927486		18.3	102.5	<0.002	0.04	10.05	10.0	1	2.2	249	0.65	<0.05	10.8	0.271	1.56	3.3
Q927487		801	156.5	<0.002	1.13	126.0	8.4	<1	1.9	94.8	0.49	<0.05	11.1	0.214	2.46	5.6
Q927488		1.7	0.9	<0.002	0.01	0.13	0.1	1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q927489		15.9	108.5	<0.002	0.04	6.66	9.8	<1	2.1	336	0.66	<0.05	10.7	0.271	1.60	3.4
Q927490		48.9	133.5	<0.002	0.30	23.4	10.1	<1	4.7	121.0	0.60	<0.05	11.4	0.253	2.40	5.0
Q927491		433	178.5	<0.002	2.04	120.5	9.6	<1	3.0	112.5	0.58	0.07	12.4	0.235	2.83	5.0
Q927492		66.2	130.0	<0.002	0.28	24.7	8.9	<1	2.4	161.5	0.75	<0.05	15.1	0.229	2.17	6.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111989

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927457		67	3.8	13.1	78	131.0
Q927458		81	3.5	12.3	105	170.0
Q927459		52	2.9	11.7	84	91.8
Q927460		71	3.4	15.2	66	39.7
Q927461		68	3.4	14.0	91	34.5
Q927462		100	2.2	14.6	86	36.9
Q927463		68	2.6	14.3	51	33.2
Q927464		65	6.0	11.6	866	31.4
Q927465		62	2.5	13.7	59	33.0
Q927466		67	12.1	14.8	485	37.0
Q927467		65	13.8	14.8	334	37.0
Q927468		73	10.5	16.1	73	45.8
Q927469		70	4.2	13.0	56	41.5
Q927470		67	10.1	14.8	65	48.8
Q927471		69	4.7	13.6	56	42.5
Q927472		65	3.4	13.2	323	28.3
Q927473		62	2.5	12.1	364	29.4
Q927474		50	2.6	8.4	62	18.6
Q927475		51	2.7	8.7	63	18.2
Q927476		42	1.6	6.6	598	14.1
Q927477		2	0.4	0.7	16	<0.5
Q927478		59	3.9	9.5	167	20.8
Q927479		71	4.5	13.8	122	36.3
Q927480		70	2.5	13.3	55	38.4
Q927481		66	5.6	14.0	360	38.7
Q927482		61	6.0	10.4	2320	27.2
Q927483		73	3.2	15.4	73	40.0
Q927484		77	3.8	16.5	51	33.0
Q927485		68	4.2	13.8	53	29.9
Q927486		75	4.1	14.5	49	31.5
Q927487		59	3.7	12.7	986	24.7
Q927488		2	0.1	0.7	16	<0.5
Q927489		74	3.4	14.9	50	31.6
Q927490		72	4.8	13.8	138	28.2
Q927491		66	4.2	13.5	2380	27.8
Q927492		62	2.8	15.5	260	35.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14111989

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113430

Project: KLAZA

P.O. No.: BATCH T8

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113430

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926845		3.15	0.704	1.39	8.17	553	1010	2.52	0.95	0.24	62.4	62.1	14.0	5	24.0	60.3
Q926846		3.78	0.041	1.37	8.12	153.5	2450	1.45	3.87	0.16	1.60	68.2	1.7	8	16.70	164.5
Q926847		3.12	0.426	11.40	6.88	291	1250	1.07	15.40	0.07	0.31	83.1	0.3	5	22.2	59.4
Q926848		2.90	0.047	1.10	8.07	34.4	2100	1.32	1.90	0.19	0.42	76.5	2.3	6	23.2	119.0
Q926849		4.38	0.042	0.72	8.10	20.8	2830	1.45	1.29	0.47	0.57	63.5	2.1	9	14.20	75.6
Q926850		4.54	0.036	0.73	7.31	37.9	1780	1.21	1.58	0.18	0.48	61.7	6.4	7	13.40	28.0
Q926851		3.95	0.043	0.78	8.01	38.1	2430	1.59	1.27	0.24	1.04	57.8	7.2	9	12.15	40.6
Q926852		4.40	0.071	1.10	7.67	121.0	2600	1.34	1.82	0.15	0.70	81.0	3.1	8	13.60	32.9
Q926853		4.35	0.019	0.51	8.28	14.7	2770	1.65	0.91	0.21	0.44	45.9	6.5	9	12.15	22.5
Q926854		4.07	0.190	3.95	6.60	270	1110	1.01	5.96	0.13	0.52	62.7	0.7	5	12.80	57.7
Q926855		4.38	0.061	0.84	8.09	103.5	2240	1.22	1.30	0.09	0.45	51.8	1.9	7	23.2	46.2
Q926856		5.04	0.056	0.76	7.54	51.4	1960	1.03	1.36	0.11	0.48	57.1	1.2	19	18.45	27.5
Q926857		4.38	0.029	0.36	7.71	24.7	2410	1.03	0.94	0.10	0.64	28.4	5.5	6	16.85	25.3
Q926858		2.74	0.022	0.33	7.75	19.5	3060	1.37	0.94	0.42	0.55	26.5	3.5	7	18.00	27.4
Q926859		4.40	0.108	0.87	6.84	64.2	3680	1.20	3.02	0.17	0.63	69.0	4.0	7	16.80	40.3
Q926860		3.55	0.052	0.62	7.37	30.8	2980	1.42	1.09	0.38	0.81	37.4	3.1	10	10.70	39.4
Q926861		<0.02	0.050	0.56	7.65	29.5	2940	1.43	1.02	0.39	0.77	41.0	2.9	9	10.30	37.0
Q926862		3.18	0.056	1.45	7.85	51.4	2110	1.66	1.82	0.34	0.80	69.0	2.1	8	13.80	66.5
Q926863		5.60	0.078	1.76	7.48	72.2	2120	1.24	1.94	0.10	0.66	58.9	3.0	12	14.30	81.6
Q926864		5.40	0.148	2.02	6.79	179.5	1890	1.07	2.53	0.13	0.75	69.1	1.8	13	15.05	56.4
Q926865		4.11	0.075	1.36	6.93	130.0	2430	1.06	1.96	0.12	0.56	73.8	1.1	12	19.35	75.6
Q926866		4.56	0.103	1.38	6.28	144.0	1330	0.81	1.99	0.13	0.42	68.4	1.0	13	20.8	60.2
Q926867		3.82	0.126	1.99	7.05	150.0	1710	1.09	2.94	0.13	0.47	77.4	1.6	15	17.45	88.8
Q926868		5.40	<0.005	0.02	0.11	2.8	30	0.05	0.06	20.7	0.07	1.67	0.6	<1	0.34	4.5
Q926869		3.74	0.043	1.51	7.49	88.9	1740	1.24	2.70	0.10	0.47	65.6	2.6	11	14.50	45.9
Q926870		3.89	0.470	4.86	7.05	333	1020	0.88	9.44	0.09	0.47	86.2	1.0	10	13.60	29.3
Q926871		3.24	0.396	2.68	8.12	166.0	2480	1.40	2.60	0.09	0.54	71.1	2.7	12	11.90	206
Q926872		4.58	0.703	2.39	8.29	177.0	2460	1.48	2.94	0.07	0.80	68.4	2.7	7	15.65	129.0
Q926873		3.67	0.117	1.71	7.84	178.5	2020	1.41	3.35	0.08	0.66	77.0	2.9	7	16.10	95.5
Q926874		4.35	0.069	1.55	8.21	155.0	3180	1.43	2.30	0.07	0.54	65.4	3.4	9	12.00	86.8
Q926875		4.19	0.075	1.37	9.44	92.9	2900	1.54	2.51	0.07	0.45	101.0	1.9	6	17.70	52.9
Q926876		0.26	1.720	39.8	5.96	2580	1360	1.10	35.9	1.70	46.2	37.1	16.6	19	10.45	1225
Q926877		4.89	0.075	2.11	8.33	76.2	1830	1.06	2.98	0.06	0.35	78.4	0.6	7	12.20	9.5
Q926878		3.70	0.086	1.30	9.61	60.5	2070	1.65	3.38	0.07	0.75	89.9	6.5	8	18.50	67.2
Q926879		5.35	0.105	1.05	8.12	39.8	2230	1.64	2.24	0.39	0.78	55.6	6.9	8	13.25	66.3
Q926880		4.59	0.043	1.13	8.40	70.9	2120	1.33	2.92	0.22	0.59	73.4	3.9	11	16.15	62.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113430

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926845		2.36	17.45	0.14	1.5	0.250	3.60	38.2	14.1	0.27	10700	2.00	0.06	9.3	3.6	620
Q926846		3.23	16.65	0.15	1.5	0.547	3.86	39.1	22.7	0.26	187	1.12	0.64	8.1	0.9	670
Q926847		5.23	15.85	0.14	1.2	1.695	3.56	55.8	9.1	0.25	124	2.91	0.05	7.0	<0.2	330
Q926848		4.08	16.95	0.14	1.3	0.244	3.83	40.3	16.8	0.30	186	1.06	0.51	8.5	0.7	620
Q926849		3.88	16.55	0.13	1.3	0.195	3.69	40.7	9.8	0.61	252	1.02	1.50	8.1	1.1	630
Q926850		5.39	14.95	0.12	1.1	0.076	3.01	39.5	10.8	0.21	130	15.45	1.79	4.5	0.5	450
Q926851		3.67	15.90	0.13	1.2	0.115	3.48	36.0	14.6	0.28	200	3.38	1.54	5.9	1.3	540
Q926852		5.18	15.75	0.16	1.1	0.242	4.17	49.7	17.6	0.24	167	1.91	0.42	6.0	0.7	530
Q926853		3.82	15.85	0.13	1.2	0.094	3.71	27.7	8.9	0.23	144	1.49	1.88	5.8	0.8	580
Q926854		5.93	15.05	0.14	1.1	0.520	3.33	36.5	9.1	0.23	147	2.02	0.05	7.1	<0.2	510
Q926855		3.85	15.65	0.13	1.2	0.258	3.68	28.4	17.8	0.24	115	1.76	0.08	6.9	0.6	570
Q926856		3.58	14.95	0.12	1.1	0.170	2.17	33.6	31.9	0.19	76	4.62	0.05	6.0	0.4	700
Q926857		3.60	15.20	0.11	1.2	0.116	2.85	18.4	25.3	0.14	239	1.00	0.25	8.0	1.3	570
Q926858		3.23	15.55	0.12	1.2	0.108	2.61	16.0	13.1	0.67	269	0.78	1.61	8.4	1.5	530
Q926859		6.60	14.40	0.14	1.0	0.199	3.45	45.9	8.5	0.33	155	1.62	0.84	4.3	0.7	610
Q926860		4.11	16.10	0.14	1.1	0.215	3.30	23.6	9.1	0.65	240	1.06	1.36	7.0	1.0	610
Q926861		4.00	15.35	0.12	1.0	0.189	3.20	27.5	8.6	0.66	235	0.97	1.32	6.7	0.9	590
Q926862		4.84	15.40	0.14	1.0	0.194	3.26	45.7	9.9	0.46	182	1.56	0.98	5.8	0.9	650
Q926863		4.45	16.55	0.14	1.1	0.187	3.64	34.3	18.1	0.22	244	2.49	0.20	6.6	1.5	650
Q926864		5.29	15.95	0.15	1.0	0.375	3.23	42.0	13.8	0.30	119	4.70	0.06	5.5	0.9	650
Q926865		5.53	16.15	0.15	1.0	0.352	3.31	43.1	12.0	0.30	112	3.72	0.05	4.5	0.9	680
Q926866		6.99	15.70	0.15	0.9	0.308	3.06	40.2	11.0	0.28	85	3.79	0.04	4.9	0.8	660
Q926867		5.16	15.80	0.15	1.0	0.411	3.35	46.7	13.5	0.31	149	7.22	0.05	4.8	0.9	640
Q926868		0.52	0.30	0.12	<0.1	0.009	0.05	0.9	1.2	12.65	199	0.11	<0.01	0.2	1.5	200
Q926869		4.05	16.90	0.15	1.1	0.425	3.48	42.2	13.6	0.37	140	4.54	0.05	4.6	0.9	430
Q926870		3.26	18.10	0.16	1.2	0.488	3.33	52.9	10.8	0.29	99	4.32	0.04	6.5	0.8	490
Q926871		3.86	18.85	0.13	1.0	0.424	3.85	41.0	17.6	0.26	176	10.20	0.07	6.0	1.8	630
Q926872		4.14	18.60	0.13	1.2	0.279	3.27	42.9	24.6	0.28	119	6.66	0.05	5.1	2.2	670
Q926873		4.89	18.10	0.14	1.1	0.298	3.59	49.5	16.9	0.30	190	3.40	0.05	4.8	1.4	640
Q926874		3.77	17.65	0.13	1.1	0.371	4.14	39.1	18.3	0.25	154	2.25	0.09	6.1	1.9	1100
Q926875		2.60	23.6	0.15	1.3	0.325	4.04	62.0	20.9	0.40	96	1.68	0.05	5.4	0.9	590
Q926876		9.32	14.50	0.13	0.9	1.555	2.65	19.4	16.1	0.72	2390	16.30	0.07	5.0	14.6	470
Q926877		1.55	21.3	0.14	1.2	0.635	3.84	46.8	12.6	0.41	125	1.97	0.04	6.5	0.5	250
Q926878		4.22	21.4	0.15	1.1	0.367	4.23	55.2	20.3	0.32	253	1.39	0.11	7.8	2.0	580
Q926879		4.14	17.80	0.13	1.0	0.280	2.87	33.3	12.8	0.41	304	1.55	1.73	8.0	2.1	720
Q926880		6.34	21.6	0.14	1.1	0.287	2.96	53.6	16.8	0.29	183	1.65	1.03	9.1	1.5	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113430

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926845		508	181.0	<0.002	0.27	9.11	11.2	2	4.2	24.9	0.73	0.27	16.1	0.262	4.06	4.1
Q926846		87.8	171.5	<0.002	0.60	8.59	11.1	1	2.9	123.0	0.66	0.55	18.4	0.235	2.92	3.7
Q926847		566	184.5	<0.002	1.71	25.5	8.6	2	9.5	26.9	0.56	0.51	16.0	0.210	4.12	1.7
Q926848		86.6	174.0	<0.002	0.66	5.76	12.4	1	3.5	93.2	0.67	0.23	17.1	0.269	3.18	2.6
Q926849		95.1	156.0	<0.002	0.28	3.95	10.8	1	3.1	216	0.63	0.37	15.6	0.244	2.56	2.7
Q926850		83.3	139.5	<0.002	0.99	3.65	8.4	2	2.7	212	0.39	0.42	10.8	0.143	2.50	1.8
Q926851		71.7	151.5	<0.002	0.24	4.32	9.9	1	3.5	202	0.47	0.36	13.8	0.181	2.59	4.4
Q926852		118.0	190.5	<0.002	0.90	6.03	9.9	1	6.3	95.4	0.50	0.31	15.9	0.184	3.34	3.3
Q926853		95.0	151.5	<0.002	0.15	2.89	9.0	2	2.4	237	0.50	0.24	13.0	0.169	2.59	4.0
Q926854		360	170.0	<0.002	1.86	17.55	8.8	1	8.3	28.2	0.61	0.22	14.0	0.206	3.73	2.0
Q926855		97.1	177.0	<0.002	0.71	11.55	9.8	1	2.7	52.8	0.60	0.22	17.6	0.206	3.38	2.3
Q926856		78.0	112.0	<0.002	0.73	28.8	8.9	1	2.7	48.6	0.49	0.30	17.9	0.186	2.02	2.6
Q926857		28.0	121.0	<0.002	0.14	22.8	10.1	1	2.0	72.7	0.67	0.23	14.6	0.234	1.87	4.0
Q926858		31.8	114.0	<0.002	0.08	6.46	10.3	1	1.9	231	0.73	0.24	14.2	0.225	1.69	3.1
Q926859		122.5	148.5	<0.002	1.04	12.40	9.0	2	3.1	150.0	0.38	0.91	15.6	0.155	2.32	2.5
Q926860		105.5	152.0	<0.002	0.17	18.30	10.5	1	3.0	190.0	0.57	0.32	12.2	0.213	2.48	3.4
Q926861		100.0	150.5	<0.002	0.17	17.45	9.8	1	2.8	191.5	0.54	0.32	12.2	0.204	2.48	3.1
Q926862		196.0	164.0	<0.002	0.56	19.05	10.4	1	2.8	149.0	0.49	0.50	14.5	0.180	2.85	3.4
Q926863		185.5	185.5	<0.002	0.65	25.1	9.8	1	3.4	76.4	0.53	0.56	16.8	0.193	2.97	3.2
Q926864		267	188.0	<0.002	1.30	28.5	9.7	1	4.8	48.0	0.44	0.35	14.2	0.175	3.57	2.1
Q926865		159.5	180.0	<0.002	1.36	28.6	9.9	1	3.5	58.2	0.39	0.37	15.7	0.146	3.87	1.8
Q926866		102.0	171.5	<0.002	2.06	39.8	7.9	1	3.1	61.1	0.41	0.40	18.0	0.152	3.74	1.5
Q926867		145.5	194.5	<0.002	1.35	38.1	8.7	1	4.1	54.1	0.40	0.46	17.4	0.148	3.63	1.8
Q926868		2.2	2.8	<0.002	0.01	0.33	0.2	<1	<0.2	48.4	<0.05	<0.05	0.2	<0.005	0.03	0.7
Q926869		184.5	197.0	<0.002	0.68	14.05	8.5	1	5.1	43.6	0.40	0.39	12.4	0.155	3.54	2.1
Q926870		281	193.5	<0.002	0.50	56.2	10.6	2	11.2	117.0	0.54	0.33	17.0	0.197	3.36	2.5
Q926871		556	202	<0.002	0.22	40.5	9.8	1	3.8	78.0	0.47	0.41	15.8	0.191	3.45	3.4
Q926872		285	192.0	<0.002	0.36	36.7	10.4	1	4.0	101.0	0.45	0.49	15.3	0.169	2.88	3.8
Q926873		206	204	<0.002	0.60	28.3	9.7	1	6.1	66.8	0.39	0.34	15.3	0.159	3.41	3.0
Q926874		119.5	196.0	<0.002	0.39	21.6	10.7	1	3.3	96.5	0.51	0.40	19.4	0.188	3.35	3.8
Q926875		106.5	233	<0.002	0.40	33.2	9.6	1	3.8	95.8	0.50	0.56	20.3	0.155	4.00	3.0
Q926876		1700	152.0	<0.002	8.15	111.0	8.3	1	11.1	64.3	0.41	0.73	9.7	0.173	2.28	5.7
Q926877		337	221	<0.002	0.28	18.30	9.3	1	10.1	42.3	0.56	0.37	9.8	0.207	3.96	1.7
Q926878		123.5	220	<0.002	0.36	12.50	10.3	2	5.5	57.0	0.63	0.51	15.6	0.238	3.93	3.3
Q926879		86.0	137.5	<0.002	0.18	6.21	10.4	1	3.8	221	0.62	0.33	17.7	0.242	2.29	3.5
Q926880		85.4	162.5	<0.002	1.30	9.64	10.3	2	4.3	160.5	0.72	0.69	18.9	0.275	2.70	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113430

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926845		68	10.6	50.1	2110	42.6
Q926846		65	1.8	12.7	191	39.9
Q926847		55	5.5	6.8	85	35.3
Q926848		83	2.5	10.6	233	37.0
Q926849		70	1.9	10.8	209	36.0
Q926850		59	1.4	9.5	180	33.8
Q926851		63	1.5	11.1	252	35.3
Q926852		61	3.9	13.3	260	33.5
Q926853		61	0.9	10.5	248	34.4
Q926854		55	7.3	10.0	151	31.8
Q926855		63	2.4	9.6	172	34.0
Q926856		61	2.6	8.9	129	30.8
Q926857		67	3.9	11.6	365	33.8
Q926858		62	1.4	11.4	164	35.8
Q926859		62	1.5	9.7	257	27.6
Q926860		64	1.5	9.5	294	30.9
Q926861		61	1.4	9.7	273	28.6
Q926862		61	1.5	10.2	283	28.8
Q926863		60	2.9	10.2	390	31.0
Q926864		59	4.4	10.2	216	29.7
Q926865		60	3.0	9.6	198	27.9
Q926866		53	2.5	8.4	133	25.9
Q926867		55	3.7	8.7	130	27.6
Q926868		2	0.1	1.0	15	0.6
Q926869		66	3.1	7.4	218	35.2
Q926870		56	11.3	9.0	92	33.1
Q926871		70	3.5	9.7	302	30.3
Q926872		68	3.7	10.0	374	30.5
Q926873		62	4.4	9.1	331	31.0
Q926874		65	3.2	10.7	297	37.3
Q926875		69	2.6	9.5	145	33.2
Q926876		58	7.6	9.3	3510	24.1
Q926877		71	4.9	7.8	37	31.8
Q926878		83	3.5	10.9	241	29.7
Q926879		70	1.8	12.0	280	28.3
Q926880		77	2.4	10.3	230	29.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113430

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113432

Project: KLAZA

P.O. No.: BATCH 94

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

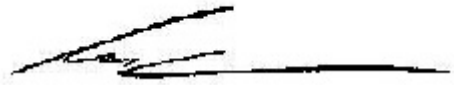
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113432

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926220		3.21	0.012	0.49	6.96	48.6	1390	1.58	0.33	2.82	0.48	45.3	8.0	7	18.80	25.5
Q926221		6.16	<0.005	0.16	7.78	8.0	2190	1.66	0.45	2.75	0.12	46.6	8.5	9	14.95	31.1
Q926222		4.95	0.042	1.11	5.91	126.5	910	1.36	0.35	4.21	0.92	43.2	6.8	5	15.20	31.7
Q926223		4.41	<0.005	0.13	6.71	16.7	1120	1.65	0.19	2.77	0.08	45.1	7.1	7	25.3	13.4
Q926224		4.61	0.039	2.24	7.47	12.5	1820	1.63	0.22	2.06	0.56	52.9	7.7	9	27.7	23.5
Q926225		2.55	0.011	2.07	7.24	25.1	1490	1.79	0.21	2.21	0.94	48.0	7.5	9	19.25	30.4
Q926226		4.07	0.012	1.66	6.64	83.3	440	1.46	0.18	2.35	1.13	47.8	6.5	6	13.80	26.4
Q926227		6.32	0.005	0.26	7.20	37.5	1850	1.57	0.51	2.32	0.18	44.8	9.0	8	18.95	16.9
Q926228		3.62	0.011	2.76	6.94	24.4	1600	1.49	0.38	2.80	0.61	43.3	7.8	7	11.70	22.0
Q926229		2.82	<0.005	0.13	7.49	6.1	2040	1.49	0.22	2.14	0.12	47.5	7.8	9	12.45	7.4
Q926230		0.30	1.610	39.4	5.84	2560	820	1.30	36.3	1.65	43.8	35.8	15.6	20	9.22	1160
Q926231		4.39	3.62	>100	6.19	221	640	1.33	1.86	2.26	22.8	40.4	10.6	8	13.00	243
Q926232		3.57	<0.005	0.21	7.27	10.2	2050	1.68	0.19	2.90	0.20	46.6	8.7	10	14.95	12.6
Q926233		5.05	<0.005	0.41	6.79	28.0	1120	1.62	0.25	2.60	0.79	45.8	8.1	9	20.0	21.5
Q926234		5.23	0.025	1.02	6.82	59.2	1260	1.53	0.39	2.74	0.77	41.2	7.5	9	17.85	77.3
Q926235		9.08	0.039	2.67	7.38	78.7	1780	1.41	0.38	2.23	6.48	42.8	7.2	9	15.00	54.5
Q926236		5.47	<0.005	0.03	0.08	<0.2	30	0.05	0.02	21.0	0.09	1.38	0.7	1	0.25	2.1
Q926237		6.66	0.096	5.18	7.00	817	910	1.35	0.21	2.37	23.7	46.2	7.5	9	15.85	67.5
Q926238		9.46	<0.005	0.16	7.72	29.3	2120	1.55	0.16	2.70	0.53	45.4	7.8	11	22.7	11.0
Q926239		0.30	0.364	4.94	6.92	713	550	1.41	3.44	2.09	10.80	50.7	11.9	25	13.55	312
Q926240		5.30	0.007	0.42	6.87	38.4	3610	1.34	0.67	3.67	0.14	44.3	8.0	9	19.40	5.7
Q926241		4.30	0.031	0.91	7.76	215	1070	1.49	0.82	2.34	2.55	52.4	7.9	9	20.3	19.0
Q926242		6.40	<0.005	0.19	7.41	36.6	1520	1.28	0.20	2.20	0.30	42.6	8.2	9	13.75	13.2
Q926243		<0.02	<0.005	0.16	7.30	27.9	1570	1.27	0.19	2.12	0.39	39.8	8.3	9	13.60	19.1
Q926244		3.64	0.019	0.71	7.13	53.9	1980	1.40	0.30	2.15	4.09	43.7	7.8	8	15.15	24.0
Q926245		2.56	2.88	16.00	7.04	9690	210	1.42	7.32	1.28	101.5	47.5	8.3	8	14.55	551
Q926246		9.76	<0.005	0.16	7.88	26.7	2260	1.64	0.32	2.47	0.35	44.9	8.3	10	15.25	21.9
Q926247		5.74	0.980	4.01	7.48	636	1140	1.43	1.21	1.48	18.55	47.1	7.4	8	18.00	29.3
Q926248		3.57	0.005	0.24	6.92	35.6	440	1.64	2.12	2.43	0.44	45.8	6.9	8	22.3	19.7
Q926249		7.77	<0.005	0.11	7.57	13.6	1290	1.60	0.57	2.57	0.09	40.1	7.0	10	17.60	6.7
Q926250		8.76	<0.005	0.18	7.43	11.6	1960	1.55	0.55	2.27	0.19	43.8	8.1	9	17.05	6.0
Q926251		4.69	<0.005	0.07	7.45	10.4	2340	1.48	0.43	2.79	0.07	48.2	7.9	10	17.25	6.3
Q926252		5.89	<0.005	0.06	7.82	6.1	3230	1.21	2.69	1.56	0.10	44.5	7.7	10	15.75	10.7
Q926253		6.23	<0.005	0.01	0.07	0.2	20	<0.05	0.05	21.7	0.06	1.26	0.6	<1	0.19	4.3
Q926254		6.92	<0.005	0.78	7.10	33.4	2100	1.53	2.87	3.04	0.20	44.5	11.4	8	19.65	9.8
Q926255		4.32	<0.005	0.11	7.72	11.0	2010	1.27	0.21	2.22	0.14	42.7	7.8	9	20.3	41.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113432

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926220		3.64	16.15	0.13	0.8	0.086	3.33	24.2	33.8	0.88	3150	0.87	0.31	7.0	2.7	610
Q926221		3.26	18.10	0.15	1.0	0.040	2.78	23.9	34.5	0.87	718	0.88	1.74	8.1	2.9	700
Q926222		3.49	13.15	0.14	0.7	0.114	2.53	24.4	56.6	1.16	3900	0.70	0.03	5.6	2.2	520
Q926223		2.90	16.85	0.14	0.9	0.063	2.68	23.5	145.5	0.71	1760	0.74	0.14	7.4	2.5	620
Q926224		3.39	17.75	0.16	1.1	0.050	3.03	29.5	41.1	0.76	1520	1.64	0.81	8.2	2.4	670
Q926225		3.51	16.95	0.11	1.0	0.098	3.41	25.1	40.7	0.78	2750	1.48	0.46	7.6	2.4	670
Q926226		3.67	14.05	0.15	0.8	0.127	2.76	27.2	69.0	1.04	3620	1.38	0.03	6.1	2.4	560
Q926227		3.06	17.40	0.14	0.9	0.054	3.02	22.8	84.1	0.71	1440	1.03	0.44	7.7	2.8	650
Q926228		3.47	16.45	0.14	1.0	0.089	3.34	22.1	17.6	0.79	2900	0.77	0.91	7.3	2.6	630
Q926229		3.09	17.10	0.13	1.0	0.036	2.68	24.4	42.6	0.84	680	0.69	1.08	7.7	2.3	670
Q926230		8.99	14.20	0.13	0.8	1.560	2.63	18.2	16.9	0.69	2410	17.55	0.06	4.6	13.0	470
Q926231		5.50	14.15	0.11	0.7	0.242	2.83	22.4	32.5	0.79	9030	0.90	0.04	5.7	2.2	530
Q926232		3.45	16.50	0.13	1.1	0.047	2.71	21.5	20.4	0.96	1030	1.75	1.58	8.7	3.0	720
Q926233		2.65	14.10	0.15	1.0	0.049	2.60	24.2	38.2	0.81	1570	0.82	0.36	7.2	2.5	610
Q926234		3.18	15.15	0.14	1.1	0.063	2.85	20.3	31.1	0.89	2740	1.00	0.66	7.3	2.6	610
Q926235		3.35	15.90	0.16	1.1	0.124	3.10	21.1	21.1	0.76	3310	0.92	0.68	7.6	2.5	630
Q926236		0.48	0.28	0.10	<0.1	0.007	0.04	0.7	0.3	13.00	218	0.10	0.01	0.2	1.4	220
Q926237		4.58	14.60	0.13	1.1	0.297	3.34	24.6	9.7	0.87	10900	0.83	0.03	7.0	2.6	560
Q926238		3.25	16.20	0.14	1.2	0.045	2.77	21.9	20.9	0.84	1120	1.04	1.87	8.4	2.7	660
Q926239		5.13	15.05	0.14	1.2	0.307	3.02	28.4	23.6	0.80	1980	14.35	0.15	6.2	14.1	520
Q926240		2.74	14.95	0.14	1.1	0.040	2.41	22.8	39.1	1.09	1620	0.71	0.06	7.6	2.7	590
Q926241		3.64	15.95	0.15	1.2	0.146	2.75	29.1	30.8	0.98	1380	0.64	0.04	7.4	2.5	610
Q926242		2.82	16.40	0.15	1.2	0.044	2.64	21.3	31.7	0.73	1240	2.25	0.09	8.2	2.8	650
Q926243		2.78	16.35	0.14	1.3	0.040	2.59	19.3	32.2	0.70	1240	0.66	0.08	7.9	3.0	640
Q926244		3.40	15.30	0.15	1.1	0.092	3.10	22.2	23.2	0.76	2440	0.83	0.10	7.3	2.5	590
Q926245		5.65	15.80	0.14	1.1	1.400	3.28	25.3	18.4	0.47	2560	0.87	0.18	7.2	2.6	590
Q926246		3.16	16.60	0.12	1.4	0.051	2.89	21.9	21.1	0.87	704	0.89	1.29	8.3	2.8	680
Q926247		4.44	15.65	0.13	1.3	0.413	2.07	24.5	51.1	0.67	5520	2.37	0.03	7.8	2.6	620
Q926248		2.79	14.55	0.12	1.1	0.041	1.75	23.7	260	0.77	1520	0.57	0.04	7.1	2.6	630
Q926249		3.82	16.45	0.16	1.3	0.113	3.39	19.4	48.2	0.91	1500	0.40	0.04	7.5	2.5	640
Q926250		3.60	15.75	0.15	1.2	0.097	2.88	22.2	65.7	0.90	1520	0.57	0.04	7.5	2.8	630
Q926251		3.22	15.80	0.14	1.2	0.053	2.52	25.3	46.7	1.02	1210	0.62	0.04	7.4	2.6	640
Q926252		3.24	16.10	0.12	1.2	0.041	2.39	22.2	46.3	0.56	940	0.73	0.09	8.1	2.6	700
Q926253		0.47	0.28	0.24	<0.1	<0.005	0.02	0.6	0.4	13.25	210	0.07	0.01	0.2	1.4	190
Q926254		3.13	15.60	0.24	1.1	0.041	2.37	23.0	39.3	0.99	1040	0.86	0.34	7.1	3.3	620
Q926255		3.22	16.25	0.22	1.2	0.053	2.75	21.1	33.1	0.77	900	0.66	0.43	7.9	2.7	690

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113432

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926220		34.8	174.5	0.002	0.58	23.0	10.6	1	2.5	182.0	0.51	<0.05	10.3	0.256	2.47	3.4
Q926221		16.3	104.0	0.002	0.06	6.35	12.0	<1	2.4	397	0.59	<0.05	11.8	0.298	1.28	3.5
Q926222		47.4	176.5	0.002	0.48	34.3	9.1	1	2.2	130.5	0.41	<0.05	10.1	0.215	2.37	7.7
Q926223		17.6	116.0	0.003	0.13	15.45	11.0	1	2.1	203	0.55	<0.05	10.9	0.254	2.28	3.5
Q926224		37.2	150.5	0.002	0.18	13.90	12.4	1	2.0	264	0.67	<0.05	14.4	0.281	1.82	3.5
Q926225		90.5	163.0	0.002	0.30	18.70	11.3	1	2.4	195.0	0.59	<0.05	12.1	0.280	2.36	3.3
Q926226		172.5	192.5	0.002	0.42	34.5	9.5	1	2.2	112.0	0.47	<0.05	11.2	0.236	2.57	6.7
Q926227		19.7	120.0	0.002	0.25	17.95	10.8	1	2.0	222	0.58	<0.05	11.7	0.275	2.56	4.5
Q926228		537	163.5	0.002	0.30	57.4	10.5	1	2.1	236	0.58	<0.05	11.1	0.259	2.34	4.8
Q926229		16.1	97.7	0.002	0.04	6.47	11.1	<1	1.8	318	0.61	<0.05	12.6	0.282	1.27	2.8
Q926230		1675	147.0	0.004	7.99	113.0	7.9	1	10.8	65.0	0.38	0.71	8.1	0.171	2.11	4.8
Q926231		5740	149.5	0.003	1.98	209	9.0	1	2.7	102.0	0.45	0.14	10.3	0.216	2.36	7.7
Q926232		25.4	97.1	<0.002	0.04	3.53	11.6	1	1.9	368	0.70	<0.05	11.3	0.307	1.44	3.7
Q926233		27.4	125.0	<0.002	0.20	19.95	10.3	<1	1.9	133.0	0.57	<0.05	11.6	0.266	2.09	6.8
Q926234		50.2	120.0	<0.002	0.27	29.5	9.7	1	1.9	218	0.64	<0.05	11.5	0.254	2.18	5.9
Q926235		194.0	132.5	<0.002	0.37	19.40	10.3	1	2.0	203	0.66	<0.05	12.3	0.270	1.93	4.0
Q926236		2.5	2.0	<0.002	0.01	0.21	0.2	<1	<0.2	48.8	<0.05	<0.05	0.2	<0.005	0.02	0.7
Q926237		647	196.5	<0.002	1.70	47.6	9.6	1	3.0	87.8	0.63	<0.05	12.4	0.247	3.15	5.1
Q926238		40.4	105.5	<0.002	0.06	3.38	11.2	1	1.9	392	0.72	<0.05	12.2	0.293	1.34	4.1
Q926239		492	160.0	0.003	2.76	28.2	8.9	1	5.6	112.0	0.51	0.43	11.8	0.216	2.63	5.3
Q926240		15.8	78.8	<0.002	0.30	14.65	9.6	1	1.6	171.5	0.63	<0.05	10.1	0.260	2.35	4.6
Q926241		110.0	152.0	<0.002	0.96	15.30	10.7	1	5.3	121.0	0.65	<0.05	13.8	0.262	2.49	6.1
Q926242		19.7	84.9	<0.002	0.16	18.70	10.3	1	1.9	130.5	0.73	<0.05	12.0	0.281	1.62	3.2
Q926243		17.5	79.9	<0.002	0.14	19.00	10.0	<1	2.6	127.5	0.69	<0.05	10.7	0.277	1.50	3.0
Q926244		196.5	127.0	<0.002	0.39	16.10	10.0	1	2.3	121.0	0.67	<0.05	11.9	0.256	2.07	4.1
Q926245		2630	177.5	<0.002	5.01	81.2	10.0	1	7.6	85.0	0.68	<0.05	12.6	0.249	2.33	4.7
Q926246		25.7	100.5	<0.002	0.12	4.80	10.9	1	2.1	347	0.79	<0.05	12.9	0.291	1.38	4.2
Q926247		636	93.8	0.002	0.36	41.1	10.8	1	2.1	97.2	0.68	<0.05	14.2	0.265	1.50	7.5
Q926248		15.5	69.9	<0.002	0.16	43.1	10.5	1	2.1	201	0.58	<0.05	11.1	0.259	1.67	4.9
Q926249		8.1	127.5	<0.002	0.29	12.60	10.4	1	2.1	95.7	0.62	<0.05	10.9	0.275	2.57	2.9
Q926250		12.7	119.0	<0.002	0.28	18.40	10.9	1	1.9	108.0	0.60	<0.05	10.6	0.270	1.96	2.7
Q926251		9.7	102.0	<0.002	0.12	17.80	11.2	<1	1.7	140.0	0.59	<0.05	11.3	0.267	1.63	2.6
Q926252		14.3	81.3	<0.002	0.10	19.80	11.4	1	1.8	129.0	0.66	<0.05	11.2	0.298	1.02	2.5
Q926253		1.4	1.3	<0.002	<0.01	0.15	0.2	<1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q926254		20.4	87.2	<0.002	0.13	14.15	10.5	1	1.6	206	0.57	<0.05	10.3	0.258	1.64	3.1
Q926255		19.2	93.2	<0.002	0.04	10.70	10.9	1	1.7	268	0.64	<0.05	10.9	0.293	1.33	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113432

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
Q926220		75	2.5	12.4	125	21.2	
Q926221		87	0.9	15.5	55	24.8	
Q926222		68	4.7	14.9	153	17.8	
Q926223		76	2.7	15.5	59	22.9	
Q926224		82	3.4	16.3	146	26.3	
Q926225		81	3.9	14.2	205	23.9	
Q926226		72	4.3	12.5	208	20.0	
Q926227		82	4.7	13.4	70	23.7	
Q926228		78	3.1	13.9	153	23.0	
Q926229		82	3.3	14.1	52	24.4	
Q926230		59	7.6	8.8	3490	22.4	
Q926231		64	6.1	12.1	1900	18.2	107
Q926232		94	2.5	17.2	66	25.3	
Q926233		72	2.2	15.7	142	24.8	
Q926234		77	3.4	14.0	126	26.0	
Q926235		77	3.6	14.7	822	26.6	
Q926236		3	0.1	0.9	17	0.5	
Q926237		71	7.0	13.8	2110	27.6	
Q926238		85	1.4	16.8	88	26.8	
Q926239		69	5.9	11.7	904	30.7	
Q926240		76	3.9	14.8	53	26.0	
Q926241		76	3.8	14.0	298	29.2	
Q926242		81	5.9	14.0	76	28.9	
Q926243		78	5.5	13.4	81	29.4	
Q926244		77	3.0	14.8	527	25.3	
Q926245		73	2.8	11.9	8720	27.3	
Q926246		85	2.0	14.7	70	33.2	
Q926247		73	11.0	16.1	1820	31.4	
Q926248		81	2.2	14.1	82	31.1	
Q926249		83	3.3	12.8	70	29.9	
Q926250		81	3.0	13.6	91	29.5	
Q926251		80	2.1	13.7	60	29.2	
Q926252		86	6.2	14.8	62	30.0	
Q926253		2	0.1	0.8	13	0.5	
Q926254		82	1.9	14.7	66	27.1	
Q926255		86	3.0	14.8	66	30.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113432

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
PUL-31	PUL-31d	PUL-QC	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113433

Project: KLAZA

P.O. No.: BATCH 95

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113433

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927313		7.99	0.050	2.15	7.03	284	2150	1.32	0.83	2.43	1.72	43.4	6.8	13	17.40	35.5
Q927314		3.56	0.008	0.11	7.87	30.1	2590	1.92	0.33	1.98	0.12	50.7	5.2	30	26.9	15.9
Q927315		9.24	<0.005	0.15	7.62	15.7	2420	1.55	0.27	2.61	0.17	44.0	8.4	14	19.45	60.0
Q927316		5.40	0.300	1.60	7.45	63.5	2340	1.35	0.64	2.53	0.32	44.1	24.9	11	15.40	221
Q927317		8.82	0.028	3.39	7.54	121.0	2100	1.56	0.65	2.84	1.25	40.8	7.8	11	15.40	79.7
Q927318		<0.02	0.032	3.44	7.21	122.0	2000	1.52	0.61	2.76	1.24	39.2	7.7	12	14.60	78.0
Q927319		7.13	0.008	0.47	7.06	19.0	2050	1.15	0.21	2.58	0.55	41.9	6.6	9	18.55	17.8
Q927320		5.51	<0.005	0.29	7.33	14.5	2170	1.48	0.26	2.60	0.49	43.9	7.0	11	14.30	12.9
Q927321		5.97	<0.005	0.12	7.27	7.7	2120	1.52	0.19	2.74	0.26	52.0	6.4	13	11.50	9.1
Q927322		3.68	0.056	10.55	7.14	136.0	2270	1.32	0.34	2.71	1.48	44.6	4.4	10	17.15	316
Q927323		5.41	<0.005	0.02	0.08	0.5	30	0.05	0.02	20.1	0.07	1.29	0.5	<1	0.17	1.7
Q927324		5.91	<0.005	0.13	7.22	14.9	1590	1.35	0.24	2.39	0.16	39.9	4.9	10	18.95	12.0
Q927325		4.32	0.024	0.51	7.14	185.0	1390	1.47	0.84	2.14	2.42	44.2	4.3	8	19.40	6.6
Q927326		5.45	0.015	0.81	7.13	107.0	1450	1.43	0.26	2.75	3.78	44.1	5.4	9	19.55	11.9
Q927327		3.29	0.010	0.66	7.08	84.8	1630	1.51	0.22	2.61	3.54	44.9	5.4	10	19.95	13.7
Q927328		9.41	<0.005	0.10	6.93	9.4	2180	1.39	0.21	2.59	0.10	38.1	6.3	10	15.95	10.5
Q927329		3.22	0.006	0.29	7.26	54.5	1530	1.30	0.21	2.33	0.32	42.1	7.3	9	23.6	11.5
Q927330		6.78	<0.005	0.17	7.24	27.5	1550	1.38	0.42	2.32	0.13	47.1	7.9	10	15.30	6.0
Q927331		5.15	<0.005	0.10	7.34	10.6	1840	1.44	0.23	1.80	0.17	49.2	5.4	12	13.85	15.5
Q927332		0.24	0.388	4.50	6.70	691	630	1.44	3.15	1.97	11.05	49.9	12.1	24	12.50	304
Q927333		5.97	0.024	0.29	6.65	73.0	1910	1.60	0.20	2.51	0.32	42.8	6.3	9	17.35	13.5
Q927334		11.02	<0.005	0.09	7.52	7.6	2320	1.52	0.21	2.47	0.17	47.0	7.2	14	10.30	15.6
Q927335		2.75	<0.005	0.16	7.03	12.7	2730	1.43	0.30	2.11	0.17	41.2	6.4	14	14.25	15.6
Q927336		3.28	<0.005	0.27	7.02	15.1	1850	1.61	0.36	2.13	0.71	55.1	6.2	14	11.80	13.7
Q927337		5.00	<0.005	0.15	7.44	12.4	2100	1.44	0.28	1.83	0.22	48.7	6.1	15	15.40	12.3
Q927338		7.17	<0.005	0.16	7.11	7.8	2230	1.56	0.26	2.43	0.18	48.2	6.5	15	11.25	17.1
Q927339		7.63	<0.005	0.14	7.16	8.4	2450	1.44	0.35	2.26	0.13	44.4	5.4	12	9.68	10.7
Q927340		3.83	0.008	0.31	6.48	13.2	2700	1.30	0.81	2.95	0.16	48.2	9.5	15	9.32	8.2
Q927341		5.75	<0.005	0.01	0.07	<0.2	40	<0.05	0.02	20.8	0.05	1.16	0.6	<1	0.14	1.5
Q927342		7.68	<0.005	0.18	6.88	7.6	2710	1.31	0.50	2.06	0.13	46.5	3.9	14	7.12	5.2
Q927343		5.93	<0.005	0.36	7.09	6.8	2220	1.57	0.74	2.40	0.10	52.4	6.9	15	7.13	4.1
Q927344		0.25	0.866	11.90	6.63	1570	850	1.48	11.00	1.83	33.7	48.2	17.3	18	12.85	287
Q927345		13.60	0.022	0.54	8.29	39.5	1370	1.50	1.19	3.21	0.61	58.2	4.7	6	11.70	7.0
Q927346		5.14	0.009	0.20	9.61	8.5	840	1.78	0.98	1.92	0.15	70.8	2.1	7	12.10	2.1
Q927347		5.87	<0.005	0.26	8.33	7.9	1820	1.42	0.74	2.61	0.09	57.0	5.0	10	7.89	1.4
Q927348		7.04	0.086	0.13	8.81	9.7	1720	1.52	0.75	2.53	0.14	57.1	3.1	10	8.18	1.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927313		3.54	16.00	0.13	1.2	0.195	3.93	21.7	16.9	0.73	2880	2.73	0.47	7.9	3.5	570
Q927314		2.59	21.9	0.13	4.3	0.107	3.89	25.0	63.4	0.81	685	1.05	0.38	10.1	19.8	700
Q927315		3.25	17.40	0.14	1.2	0.077	2.84	21.4	15.6	0.78	753	1.59	2.31	8.7	3.1	650
Q927316		3.75	16.70	0.14	1.2	0.179	3.55	22.3	23.9	0.80	2060	1.50	0.78	8.3	3.3	600
Q927317		3.26	17.50	0.12	1.3	0.076	3.53	19.3	11.7	0.79	2160	1.73	1.44	8.6	3.1	630
Q927318		3.16	16.65	0.12	1.2	0.074	3.34	18.8	10.7	0.77	2060	1.63	1.38	8.1	2.9	620
Q927319		2.74	15.75	0.13	1.2	0.048	2.31	21.3	121.5	0.86	1140	2.41	0.07	7.7	2.4	570
Q927320		3.04	16.50	0.14	1.4	0.073	3.06	21.6	25.1	0.73	1220	2.36	1.75	8.4	3.1	600
Q927321		2.84	16.85	0.15	1.4	0.056	2.58	25.7	10.1	0.79	687	4.29	2.55	8.6	2.9	630
Q927322		2.75	15.70	0.14	1.3	0.100	3.03	23.0	37.1	0.76	3330	1.67	0.35	7.9	2.4	560
Q927323		0.46	0.21	0.14	<0.1	0.006	0.03	0.6	0.9	12.55	202	0.15	0.01	0.2	1.5	190
Q927324		2.87	16.25	0.15	1.4	0.081	2.70	19.3	39.2	0.70	1000	1.98	1.28	8.3	2.7	600
Q927325		3.19	18.90	0.12	1.2	0.185	2.95	20.8	48.5	0.71	2830	4.17	1.03	8.3	2.4	590
Q927326		3.01	15.45	0.11	1.3	0.087	3.24	22.7	60.6	0.98	2740	5.44	0.25	7.9	2.6	560
Q927327		2.85	15.65	0.12	1.3	0.076	3.21	23.0	48.5	0.87	2320	3.92	0.43	7.9	2.5	530
Q927328		2.75	15.90	0.12	1.3	0.055	2.71	18.2	10.3	0.67	612	4.38	2.19	8.1	2.5	580
Q927329		2.67	16.35	0.12	1.3	0.062	3.17	20.9	66.6	0.73	1260	3.22	0.43	8.0	2.5	570
Q927330		3.32	16.85	0.12	1.5	0.116	3.01	24.1	17.9	0.81	1080	0.95	1.12	8.5	2.7	580
Q927331		2.52	16.60	0.14	1.7	0.049	3.05	22.8	40.3	0.54	646	1.49	1.16	7.9	2.7	550
Q927332		4.95	15.85	0.15	1.1	0.285	2.89	25.8	25.7	0.76	1900	14.45	0.15	5.9	14.6	520
Q927333		2.46	15.35	0.14	1.4	0.055	2.59	19.7	77.7	0.82	2530	1.74	0.05	7.2	2.6	570
Q927334		2.92	16.90	0.16	1.3	0.054	2.74	21.8	13.1	0.82	652	2.37	2.33	7.6	2.8	600
Q927335		2.79	15.70	0.15	1.3	0.052	2.95	18.0	24.3	0.72	846	2.24	1.22	7.0	2.8	550
Q927336		2.38	16.05	0.16	2.0	0.072	3.55	25.2	11.3	0.62	880	2.02	1.81	8.3	2.2	470
Q927337		2.80	16.65	0.16	1.4	0.059	3.02	22.2	48.0	0.61	819	1.81	1.44	7.9	2.6	590
Q927338		2.92	16.30	0.13	1.3	0.066	2.64	22.4	11.5	0.76	707	2.58	2.25	7.8	2.7	590
Q927339		2.96	16.25	0.13	1.3	0.080	2.87	19.4	16.4	0.67	800	2.50	1.90	7.8	2.8	620
Q927340		3.86	15.75	0.14	1.1	0.279	2.94	23.5	58.4	0.93	1660	2.39	0.59	6.1	2.7	470
Q927341		0.47	0.19	0.08	<0.1	0.007	0.03	0.5	1.3	12.75	212	0.12	0.01	0.2	1.3	190
Q927342		3.05	16.10	0.18	1.7	0.151	3.38	21.2	15.5	0.63	987	1.58	1.64	8.1	2.3	550
Q927343		2.93	15.90	0.13	2.0	0.160	2.80	24.1	14.6	0.59	1070	1.88	1.76	8.8	2.4	540
Q927344		6.53	16.00	0.17	1.2	0.782	2.84	23.2	19.4	0.77	1840	9.32	0.13	6.3	12.5	530
Q927345		6.53	26.7	0.16	1.4	0.623	3.17	26.0	27.0	1.27	3520	1.45	0.93	9.1	2.6	660
Q927346		5.25	26.5	0.14	1.7	0.411	1.80	33.2	28.5	0.87	2270	0.78	3.31	10.9	2.8	720
Q927347		4.42	19.65	0.16	1.7	0.217	2.33	25.1	16.6	0.85	1700	0.84	2.62	9.9	3.0	730
Q927348		4.39	21.6	0.17	1.5	0.199	1.80	26.3	17.9	0.97	1360	0.43	3.68	10.2	2.8	780

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927313		143.0	167.0	<0.002	0.84	17.50	9.5	1	2.4	147.0	0.63	0.06	12.0	0.249	2.81	4.5
Q927314		19.8	115.5	<0.002	0.07	11.00	6.5	1	2.0	206	0.80	<0.05	11.3	0.295	2.42	5.2
Q927315		22.1	99.6	<0.002	0.19	2.96	10.8	1	2.2	400	0.66	0.06	11.8	0.287	1.37	3.0
Q927316		326	153.0	<0.002	0.81	15.40	10.4	1	2.2	186.5	0.64	0.07	12.3	0.258	2.43	4.5
Q927317		1435	135.0	<0.002	0.45	22.6	10.5	1	2.0	288	0.64	<0.05	10.3	0.274	2.33	4.3
Q927318		1470	131.0	<0.002	0.43	21.5	10.3	1	2.0	275	0.60	<0.05	9.9	0.263	2.21	4.0
Q927319		118.0	87.0	<0.002	0.15	24.4	9.6	1	2.3	139.5	0.58	<0.05	10.9	0.242	1.73	4.8
Q927320		52.2	112.5	<0.002	0.15	5.91	9.9	1	2.2	289	0.70	<0.05	12.8	0.260	1.67	4.8
Q927321		28.4	87.5	<0.002	0.01	2.84	10.4	1	2.3	394	0.71	<0.05	14.2	0.260	1.10	3.6
Q927322		90.6	121.0	<0.002	0.57	118.5	9.4	1	2.7	133.5	0.67	0.07	12.5	0.243	2.05	5.4
Q927323		1.9	1.4	<0.002	<0.01	0.25	0.2	<1	<0.2	45.2	<0.05	<0.05	0.2	<0.005	<0.02	1.2
Q927324		17.0	95.4	<0.002	0.10	14.05	9.2	<1	3.4	212	0.69	<0.05	12.2	0.268	1.80	4.3
Q927325		79.2	115.0	<0.002	0.57	16.15	9.9	1	3.8	144.0	0.68	<0.05	10.7	0.256	2.34	5.0
Q927326		131.5	136.5	<0.002	0.36	19.05	9.2	<1	2.7	128.0	0.67	<0.05	12.5	0.246	2.56	7.5
Q927327		116.5	144.5	<0.002	0.38	17.75	9.2	<1	2.8	153.5	0.69	<0.05	12.5	0.243	2.51	6.2
Q927328		19.9	96.0	<0.002	0.03	4.03	9.1	1	2.6	352	0.66	<0.05	10.9	0.256	1.39	3.8
Q927329		31.5	123.0	<0.002	0.31	19.00	9.6	<1	2.8	139.5	0.65	<0.05	11.8	0.258	2.35	5.3
Q927330		31.9	129.5	<0.002	0.33	7.91	10.3	1	2.2	161.0	0.70	0.06	14.3	0.248	2.14	3.6
Q927331		20.1	120.0	<0.002	0.03	11.70	9.5	1	2.1	224	0.68	<0.05	13.6	0.244	1.51	3.5
Q927332		473	163.5	0.006	2.73	28.9	9.0	1	5.7	110.5	0.47	0.31	10.9	0.208	2.57	4.9
Q927333		23.5	101.0	<0.002	0.61	20.1	9.0	1	2.1	255	0.58	<0.05	11.3	0.239	2.39	8.9
Q927334		21.6	109.0	<0.002	0.02	2.08	10.4	1	2.0	399	0.58	<0.05	11.6	0.260	1.28	3.7
Q927335		26.6	112.5	<0.002	0.09	13.10	8.8	1	1.7	235	0.55	<0.05	11.0	0.236	1.73	3.6
Q927336		33.7	138.5	<0.002	0.06	5.33	7.8	<1	1.7	238	0.83	<0.05	17.2	0.201	1.86	6.9
Q927337		18.8	122.5	<0.002	0.05	12.80	9.9	1	2.1	250	0.64	<0.05	13.0	0.258	1.74	4.4
Q927338		95.9	110.5	<0.002	0.04	3.91	10.5	1	2.1	345	0.59	<0.05	11.8	0.262	1.35	3.8
Q927339		45.1	110.0	<0.002	0.04	7.63	10.0	1	2.3	266	0.62	0.05	11.0	0.265	1.47	3.2
Q927340		17.0	141.0	<0.002	0.43	5.38	8.8	1	1.9	133.0	0.51	<0.05	10.9	0.205	2.05	10.1
Q927341		1.6	1.0	<0.002	<0.01	0.05	0.2	1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q927342		18.8	134.0	<0.002	0.09	3.45	9.1	<1	2.1	174.5	0.76	<0.05	13.6	0.228	1.83	4.0
Q927343		15.5	126.0	<0.002	0.12	3.68	9.5	1	2.2	169.5	0.87	<0.05	15.6	0.234	1.91	5.7
Q927344		1310	169.5	<0.002	4.78	72.5	9.2	2	8.2	98.7	0.52	1.03	10.9	0.216	2.60	5.2
Q927345		57.0	157.5	<0.002	0.84	12.15	11.8	1	6.3	127.0	0.75	<0.05	14.3	0.281	3.11	10.7
Q927346		12.7	108.0	<0.002	0.13	8.92	13.2	1	7.1	193.5	0.97	<0.05	22.9	0.315	1.69	4.0
Q927347		11.4	102.0	<0.002	0.19	5.92	12.6	1	2.8	176.0	0.83	<0.05	15.4	0.313	1.93	6.1
Q927348		12.3	70.7	<0.002	0.15	5.96	12.5	1	2.8	233	0.82	<0.05	14.7	0.329	1.28	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927313		67	6.5	14.3	186	31.5
Q927314		62	1.5	12.3	70	164.0
Q927315		78	1.7	16.5	59	32.3
Q927316		69	5.7	15.0	83	31.7
Q927317		76	3.7	15.3	200	37.2
Q927318		72	3.4	14.9	189	35.1
Q927319		66	3.6	14.4	80	35.9
Q927320		69	1.8	15.5	99	38.9
Q927321		72	1.0	17.1	58	41.7
Q927322		65	2.6	14.8	135	36.7
Q927323		1	0.1	0.8	14	<0.5
Q927324		70	1.9	14.4	52	39.5
Q927325		78	3.0	12.8	202	35.5
Q927326		65	2.6	15.0	291	37.0
Q927327		64	2.4	14.6	278	34.9
Q927328		67	1.4	14.4	43	39.3
Q927329		69	2.4	14.4	57	37.5
Q927330		68	2.3	15.6	58	42.2
Q927331		66	2.0	14.5	49	48.5
Q927332		65	6.1	11.2	860	29.2
Q927333		65	3.5	13.8	69	36.6
Q927334		70	1.9	15.8	51	34.8
Q927335		65	3.4	13.0	58	34.3
Q927336		53	3.1	14.8	84	54.6
Q927337		70	2.8	14.7	56	36.4
Q927338		71	4.2	16.1	57	34.3
Q927339		74	2.3	14.1	55	34.6
Q927340		62	3.5	16.1	77	29.5
Q927341		2	0.1	0.8	14	<0.5
Q927342		62	2.6	13.5	59	45.2
Q927343		59	2.7	14.9	62	51.0
Q927344		63	6.4	11.1	2390	28.9
Q927345		99	11.9	17.3	189	33.6
Q927346		91	7.9	21.0	102	44.5
Q927347		80	4.4	17.1	87	39.5
Q927348		80	5.4	17.2	72	38.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113433

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113434

Project: KLAZA

P.O. No.: BATCH 96

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

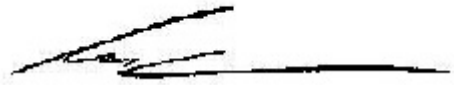
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113434

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q927349		3.57	0.027		0.44	7.35	7.1	810	1.43	1.42	1.95	0.13	57.4	11.3	15	10.95
Q927350		5.48	<0.005		0.38	8.41	8.9	340	1.32	0.97	1.97	0.06	49.1	34.1	8	5.58
Q927351		7.32	0.026		0.54	8.53	24.2	1340	1.34	1.31	2.28	0.18	67.9	25.1	9	11.85
Q927352		6.28	0.046		1.99	7.72	161.0	2460	1.62	1.44	1.64	2.23	57.3	6.5	10	14.15
Q927353		12.31	<0.005		0.14	7.36	8.1	2120	1.59	0.26	2.45	0.11	49.4	6.9	18	13.30
Q927354		4.35	0.005		0.11	7.47	6.6	2120	1.74	0.26	2.54	0.15	55.1	7.7	19	14.30
Q927355		8.81	<0.005		0.20	8.43	9.0	1820	1.27	0.26	0.76	0.24	56.3	7.4	13	12.80
Q927356		5.74	<0.005		0.16	7.91	11.1	1900	1.31	0.32	1.55	0.18	52.2	5.6	11	13.05
Q927357		0.24	0.849		11.90	6.61	1585	1170	1.38	11.35	1.83	30.7	49.2	16.9	18	13.85
Q927358		4.32	0.209		1.90	7.69	795	1570	1.66	0.37	1.81	1.21	56.4	6.9	12	20.5
Q927359		5.17	<0.005		0.28	7.42	35.4	2270	1.71	0.36	2.58	0.22	51.6	7.7	17	14.35
Q927360		3.93	0.006		0.30	7.30	30.1	2050	1.72	1.27	2.71	0.10	49.7	14.6	17	13.10
Q927361		0.98	>10.0	12.60	>100	4.26	>10000	670	1.01	0.17	1.64	210	35.4	4.3	18	10.80
Q927362		5.62	0.008		1.32	0.05	17.1	20	<0.05	0.03	20.6	0.25	1.14	0.6	1	0.13
Q927363		2.17	0.135		2.30	7.88	415	1240	1.60	0.32	1.70	3.50	58.8	7.3	11	24.7
Q927364		3.85	1.335		13.20	7.06	1315	1090	1.63	0.36	2.06	15.15	55.5	7.1	12	22.3
Q927365		7.24	0.008		0.40	7.54	43.3	920	1.53	0.24	2.02	0.27	51.2	5.2	14	23.1
Q927366		4.33	<0.005		0.15	7.74	44.8	1480	1.95	0.25	1.61	0.28	59.9	7.2	13	24.9
Q927367		0.24	1.735		40.8	6.07	2670	1220	1.11	34.0	1.70	43.8	40.4	16.4	23	10.15
Q927368		5.13	0.015		0.96	7.51	53.2	1280	1.39	0.42	2.14	1.92	45.0	3.5	16	22.8
Q927369		2.68	>10.0	30.9	5.28	4.35	655	850	0.73	2.13	1.31	10.20	76.5	103.5	13	6.53
Q927370		6.05	0.038		0.59	7.00	111.5	2170	1.04	0.79	2.30	0.53	51.2	8.0	18	12.15
Q927371		4.92	<0.005		0.31	7.05	14.4	2980	1.26	0.54	2.35	0.11	48.4	1.4	14	12.00
Q927372		4.05	0.150		0.34	6.62	10.9	3350	1.37	0.77	2.55	0.09	46.9	4.0	14	9.39
Q927373		4.46	0.022		0.59	6.85	47.4	1520	1.15	0.62	1.62	0.20	43.8	5.8	12	13.15
Q927374		5.45	0.007		0.31	6.81	20.8	2570	1.23	0.45	1.79	0.14	49.5	1.9	16	13.00
Q927375		3.24	<0.005		0.12	7.39	10.2	2780	1.50	0.27	2.13	0.08	43.9	2.6	12	14.20
Q927376		6.37	<0.005		0.18	7.89	23.5	2320	1.92	0.76	2.20	0.28	45.9	15.3	12	18.10
Q927377		<0.02	<0.005		0.19	7.96	20.7	2310	1.91	0.74	2.23	0.24	49.8	15.3	13	18.25
Q927378		8.38	<0.005		0.14	7.37	11.0	2320	1.60	0.52	2.59	0.15	41.6	23.4	12	11.20
Q927379		3.05	0.007		0.17	7.44	18.5	1780	1.19	0.20	2.07	0.31	41.7	6.3	11	12.05
Q927380		4.91	0.005		0.19	7.71	22.8	2110	1.96	1.08	2.50	0.05	46.9	5.7	13	18.40
Q927381		3.70	<0.005		0.21	7.17	25.6	1870	1.65	0.36	2.68	0.20	46.9	4.7	13	20.7
Q927382		5.45	<0.005		0.01	0.07	0.3	30	0.05	0.03	20.2	0.05	1.27	0.6	1	0.17
Q927383		5.54	<0.005		0.16	7.94	14.1	2150	1.66	0.27	2.69	0.14	41.1	5.5	15	19.85
Q927384		4.76	0.338		11.90	7.06	1850	920	1.51	0.20	2.62	10.15	39.5	6.0	14	17.40

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113434

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q927349		3.4	3.88	17.25	0.09	1.6	0.185	2.21	29.5	28.1	0.83	1330	2.29	1.34	9.4	2.7
Q927350		2.0	6.38	16.85	<0.05	1.4	0.156	0.94	24.7	12.8	0.67	1340	0.31	4.46	9.1	2.7
Q927351		2.1	6.81	26.2	0.10	1.5	0.472	2.47	36.0	25.3	1.16	2500	0.84	1.66	9.9	3.3
Q927352		36.9	3.89	19.25	0.08	1.4	0.193	2.92	30.3	21.8	0.84	1140	6.55	1.21	8.3	3.1
Q927353		13.7	2.97	17.20	0.10	1.5	0.058	2.79	24.7	14.1	0.78	595	3.19	2.29	8.9	2.8
Q927354		14.7	2.99	17.40	0.11	1.6	0.051	2.81	27.5	13.8	0.79	639	3.39	2.30	8.9	2.9
Q927355		24.5	2.76	17.50	0.12	1.5	0.054	2.84	30.9	46.1	0.41	849	3.49	0.10	8.8	2.7
Q927356		17.7	3.02	15.90	0.11	1.5	0.055	3.41	28.1	36.0	0.63	868	1.90	0.40	8.0	2.5
Q927357		277	6.41	14.70	0.08	1.2	0.821	2.85	27.6	18.6	0.76	1790	8.56	0.12	6.3	11.8
Q927358		32.7	3.04	17.15	0.12	1.6	0.056	3.20	29.3	96.4	0.67	1790	2.22	0.56	8.6	2.7
Q927359		33.5	2.91	18.35	0.13	1.6	0.049	2.93	26.1	14.5	0.68	708	2.27	2.23	9.1	3.0
Q927360		12.1	3.09	17.50	0.14	1.4	0.064	3.03	25.2	15.1	0.70	899	2.38	1.72	8.6	2.9
Q927361		640	4.07	12.65	0.05	0.8	0.069	2.13	20.6	23.1	0.47	6110	1.83	0.04	4.4	2.0
Q927362		2.8	0.47	0.19	0.14	<0.1	<0.005	0.02	0.5	0.8	12.65	207	0.11	0.01	0.1	1.5
Q927363		27.4	2.66	17.40	0.19	1.6	0.051	3.49	30.9	131.5	0.62	1820	1.81	0.08	9.1	2.4
Q927364		26.4	3.77	15.40	0.10	1.4	0.073	3.29	31.4	27.0	0.74	3010	6.77	0.03	7.7	3.4
Q927365		10.5	2.42	15.70	0.10	1.4	0.057	2.52	27.6	53.0	0.79	1540	2.18	0.02	8.0	3.3
Q927366		15.6	2.66	17.90	0.14	1.5	0.069	2.54	32.1	132.0	0.66	1060	2.03	0.03	8.9	3.2
Q927367		1200	9.20	13.55	<0.05	0.9	1.570	2.70	21.3	15.1	0.70	2340	16.70	0.06	4.6	14.0
Q927368		8.0	2.73	14.15	0.06	1.3	0.064	2.67	24.2	142.5	0.83	1540	3.25	0.02	7.2	2.8
Q927369		9.6	11.35	15.50	0.07	0.5	0.148	1.61	41.6	10.1	0.58	1920	3.44	0.07	3.6	4.7
Q927370		3.3	3.81	13.10	0.06	1.0	0.225	3.31	28.2	22.0	0.91	2660	1.68	0.03	7.3	2.3
Q927371		1.5	3.15	14.45	0.10	1.0	0.230	3.75	24.8	47.6	0.86	1580	1.89	0.06	7.6	2.2
Q927372		1.6	2.89	14.95	0.11	1.0	0.234	3.64	23.9	28.6	0.64	1530	1.67	0.10	7.8	2.3
Q927373		3.9	5.81	16.40	0.05	0.9	0.377	2.97	25.1	41.4	0.91	2990	8.62	0.03	5.3	3.0
Q927374		9.1	3.76	13.30	0.06	1.0	0.164	2.62	26.4	80.0	0.78	1830	1.62	0.07	7.6	2.3
Q927375		5.9	3.37	16.05	0.08	1.2	0.097	3.24	21.9	31.9	0.71	984	1.41	1.00	8.2	2.8
Q927376		8.8	4.01	19.10	0.07	1.3	0.168	2.64	22.8	25.8	0.80	871	1.22	1.85	9.2	3.0
Q927377		7.2	4.01	19.20	0.08	1.4	0.156	2.61	25.2	26.1	0.81	885	1.49	1.85	9.3	3.1
Q927378		8.9	3.69	16.10	0.13	1.3	0.067	2.97	21.6	12.9	0.79	649	2.70	2.17	8.2	3.0
Q927379		15.6	3.02	15.45	0.14	1.5	0.051	2.81	21.8	30.1	0.66	1060	1.97	0.40	8.3	2.4
Q927380		6.4	3.75	18.95	0.14	1.5	0.376	2.74	23.8	26.1	0.71	1130	1.92	2.22	9.2	2.9
Q927381		6.6	2.74	15.50	0.16	1.3	0.073	2.87	25.1	58.9	0.88	1360	1.71	0.75	7.9	3.0
Q927382		1.9	0.45	0.25	0.14	<0.1	<0.005	0.03	0.6	1.1	12.75	199	0.10	0.01	0.2	1.3
Q927383		7.7	3.09	16.60	0.22	1.4	0.056	3.38	20.6	44.6	0.77	934	2.07	1.33	8.0	3.1
Q927384		28.6	2.94	14.65	0.14	1.1	0.052	2.80	20.9	79.7	0.90	3230	3.40	0.04	6.8	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113434

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q927349		640	18.5	104.5	<0.002	0.42	15.05	11.1	1	2.2	90.6	0.86	0.10	15.2	0.263	1.69
Q927350		730	10.5	30.5	<0.002	0.56	6.58	10.6	1	2.9	173.5	0.87	0.07	15.2	0.278	0.68
Q927351		760	16.3	104.0	<0.002	0.71	9.91	12.4	1	4.9	124.0	0.87	0.38	14.3	0.306	1.83
Q927352		610	160.5	126.0	<0.002	0.53	19.75	11.1	1	3.0	174.0	0.68	0.07	13.0	0.259	1.82
Q927353		610	22.5	97.9	<0.002	0.01	4.21	10.1	1	2.5	373	0.76	<0.05	12.0	0.267	1.28
Q927354		620	22.6	103.0	<0.002	0.01	3.50	10.4	<1	2.3	373	0.79	<0.05	12.8	0.267	1.20
Q927355		670	17.9	122.0	<0.002	0.04	26.7	10.8	<1	2.4	76.7	0.75	<0.05	15.2	0.283	1.23
Q927356		570	18.7	139.5	<0.002	0.05	16.20	9.4	<1	2.2	121.5	0.70	<0.05	14.4	0.253	1.75
Q927357		540	1290	160.5	<0.002	4.62	71.3	8.9	2	7.9	95.3	0.54	0.98	11.0	0.207	2.49
Q927358		600	82.3	146.0	<0.002	0.58	43.8	10.5	1	2.1	183.0	0.72	<0.05	13.7	0.253	2.21
Q927359		590	26.1	113.0	<0.002	0.08	6.67	10.5	1	1.9	381	0.75	<0.05	12.6	0.260	1.56
Q927360		600	15.7	128.0	0.002	0.28	10.50	10.8	1	1.9	293	0.71	0.10	12.4	0.268	1.93
Q927361		310	>10000	99.8	<0.002	4.29	8070	5.3	<1	53.5	64.8	0.38	<0.05	7.7	0.133	2.82
Q927362		180	20.8	1.0	<0.002	<0.01	10.50	0.1	<1	<0.2	47.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q927363		620	98.0	143.5	<0.002	0.90	53.5	10.9	1	2.9	167.5	0.78	<0.05	14.2	0.261	2.34
Q927364		550	467	170.5	<0.002	2.99	86.9	9.6	<1	4.4	121.0	0.65	<0.05	13.3	0.235	2.95
Q927365		600	22.3	108.5	<0.002	0.36	31.7	9.5	1	2.1	192.5	0.65	<0.05	11.9	0.261	3.48
Q927366		600	19.3	127.0	<0.002	0.27	39.5	11.1	1	2.6	169.0	0.75	<0.05	14.1	0.261	4.22
Q927367		480	1705	141.0	0.002	8.12	115.0	7.8	1	11.4	62.1	0.41	0.74	9.4	0.178	2.13
Q927368		580	69.7	123.5	<0.002	0.37	29.4	8.7	1	2.6	175.5	0.64	<0.05	11.6	0.247	3.74
Q927369		490	314	76.4	<0.002	>10.0	27.3	9.0	1	3.0	72.4	0.34	1.30	7.1	0.133	1.32
Q927370		550	54.9	165.0	<0.002	0.96	13.95	9.0	<1	2.0	77.3	0.60	0.07	12.1	0.227	2.69
Q927371		580	14.2	156.5	<0.002	0.17	11.25	9.8	<1	2.2	118.0	0.65	<0.05	11.3	0.242	2.81
Q927372		580	13.3	151.5	<0.002	0.35	8.72	9.9	<1	2.2	118.0	0.65	<0.05	11.4	0.243	2.66
Q927373		470	183.0	164.0	<0.002	0.73	11.05	7.9	1	3.8	61.6	0.45	0.07	10.2	0.190	2.45
Q927374		650	23.6	102.0	<0.002	0.24	14.70	10.3	<1	2.3	116.0	0.56	<0.05	11.1	0.273	1.74
Q927375		650	15.9	111.0	<0.002	0.07	8.36	10.3	<1	2.2	199.5	0.64	<0.05	10.1	0.281	1.91
Q927376		670	29.3	96.1	<0.002	0.12	13.65	10.8	1	4.7	262	0.72	<0.05	11.8	0.292	1.56
Q927377		670	24.7	101.0	<0.002	0.13	13.75	11.2	1	4.5	261	0.77	<0.05	12.4	0.290	1.51
Q927378		620	21.6	125.0	<0.002	0.24	3.85	11.0	1	2.6	392	0.64	0.07	10.9	0.266	1.55
Q927379		640	23.0	113.5	<0.002	0.13	13.25	10.3	1	2.2	161.5	0.73	<0.05	11.0	0.270	1.53
Q927380		620	18.5	131.5	<0.002	0.13	12.20	11.1	1	14.9	275	0.82	<0.05	12.5	0.267	2.06
Q927381		620	20.0	133.5	<0.002	0.33	15.80	10.6	1	2.7	189.5	0.63	<0.05	13.1	0.268	2.76
Q927382		180	1.7	1.2	<0.002	<0.01	0.16	0.2	<1	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	<0.02
Q927383		650	16.8	126.5	<0.002	0.08	9.16	10.1	1	2.1	309	0.63	<0.05	12.1	0.268	1.93
Q927384		580	747	118.0	<0.002	1.23	62.5	9.4	1	2.1	157.5	0.51	<0.05	11.3	0.236	2.47

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113434

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001
Q927349		8.8	65	6.9	16.6	67	42.4				
Q927350		3.4	53	38.1	13.3	66	41.0				
Q927351		4.0	105	13.6	20.1	116	40.5				
Q927352		5.2	80	5.4	18.1	191	39.8				
Q927353		3.8	73	2.1	17.1	49	41.5				
Q927354		4.0	73	1.8	18.1	51	45.1				
Q927355		3.7	69	8.6	16.3	56	44.6				
Q927356		3.6	68	3.2	15.5	54	42.6				
Q927357		5.0	63	6.1	11.2	2350	30.2				
Q927358		5.4	68	3.7	16.6	184	43.1				
Q927359		4.3	69	2.9	17.1	54	45.4				
Q927360		4.6	74	2.0	16.2	56	37.4				
Q927361		3.4	35	5.1	7.0	>10000	21.2	1130	1.900	1.435	1.835
Q927362		0.5	2	0.1	0.8	30	<0.5				
Q927363		7.7	72	3.6	16.1	283	44.6				
Q927364		8.2	63	4.7	14.3	982	41.9				
Q927365		5.2	69	5.0	14.5	60	39.8				
Q927366		5.8	68	3.8	17.6	68	42.5				
Q927367		5.3	59	7.5	9.0	3370	24.3				
Q927368		4.7	65	3.8	12.3	169	35.4				
Q927369		2.4	69	11.8	9.5	694	15.7				
Q927370		5.0	58	9.9	13.1	118	27.4				
Q927371		4.8	62	3.3	14.5	60	26.1				
Q927372		3.6	61	3.4	14.1	55	27.3				
Q927373		7.3	63	12.0	10.7	131	22.0				
Q927374		3.6	67	5.9	12.3	77	29.2				
Q927375		4.8	74	3.6	13.9	58	34.0				
Q927376		4.2	82	6.3	14.1	77	39.5				
Q927377		4.3	82	6.1	14.5	76	40.4				
Q927378		3.8	74	6.9	15.5	52	37.8				
Q927379		3.6	70	4.4	15.5	85	41.2				
Q927380		5.0	80	2.8	16.7	60	45.3				
Q927381		5.8	70	2.4	14.8	72	29.8				
Q927382		0.9	2	0.1	0.8	14	<0.5				
Q927383		3.8	76	1.7	15.7	50	37.8				
Q927384		4.2	67	3.5	13.5	1260	30.7				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113434

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
ME-MS61	ME-OG62	Pb-OG62	PUL-31
PUL-31d	PUL-QC	Zn-OG62	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113435

Project: KLAZA

P.O. No.: BATCH 97

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113435

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926256		4.39	<0.005	0.09	7.23	4.7	2210	1.39	2.35	3.27	0.09	40.1	7.9	11	13.50	12.6
Q926257		8.73	<0.005	0.34	7.32	6.4	2250	1.37	4.57	2.24	0.10	37.8	8.2	14	13.05	13.8
Q926258		3.88	<0.005	0.22	7.34	11.3	2440	1.39	1.51	2.19	0.05	39.9	8.7	13	12.50	12.2
Q926259		3.27	<0.005	1.04	7.11	48.9	1750	1.44	1.91	2.54	0.11	40.3	8.3	12	12.80	7.9
Q926260		<0.02	0.005	1.03	7.38	44.5	1760	1.45	2.25	2.58	0.11	44.6	8.4	11	13.15	7.7
Q926261		7.20	0.008	0.09	7.60	42.7	2230	1.52	0.22	2.51	0.13	41.9	8.0	21	16.30	8.5
Q926262		6.53	<0.005	1.63	7.85	7.1	1990	1.43	37.5	2.20	0.26	42.7	7.8	12	18.45	39.6
Q926263		0.25	0.358	4.35	6.73	677	1350	1.33	3.15	2.02	10.60	47.6	11.8	26	13.45	309
Q926264		8.99	0.010	1.25	7.78	66.7	1920	1.47	4.05	2.43	1.00	40.8	7.5	12	15.80	26.6
Q926265		3.74	0.005	0.37	7.35	47.7	5840	2.26	0.51	4.60	0.32	59.3	6.0	15	33.2	10.8
Q926266		4.57	<0.005	0.09	7.95	27.2	910	1.79	0.12	3.68	0.19	72.0	9.4	33	30.8	19.8
Q926267		7.77	<0.005	0.19	8.59	64.2	1890	1.97	0.27	2.39	0.18	52.1	5.8	15	34.4	7.1
Q926268		7.07	<0.005	0.14	7.28	7.3	2070	1.54	4.67	2.70	0.13	43.3	7.6	14	18.50	26.6
Q926269		2.75	<0.005	0.27	7.31	31.6	1520	1.34	0.89	2.60	1.34	39.1	7.4	12	25.0	14.0
Q926270		9.78	<0.005	0.07	7.56	3.3	2190	1.64	1.85	2.72	0.08	42.7	8.0	13	10.15	15.7
Q926271		7.61	<0.005	0.12	8.09	10.3	2120	1.47	1.77	2.42	0.35	47.8	8.2	13	13.40	19.7
Q926272		3.02	0.005	0.28	7.33	81.6	1910	1.55	1.13	2.49	3.26	42.5	7.8	10	18.30	20.1
Q926273		4.42	0.011	0.41	7.35	159.0	1780	1.54	0.74	2.63	2.63	38.3	7.1	12	25.6	17.9
Q926274		5.59	<0.005	0.02	0.08	<0.2	30	0.06	0.03	21.2	0.06	1.27	0.8	<1	0.25	1.7
Q926275		8.72	0.006	0.45	7.37	9.7	2200	1.62	19.85	2.51	0.33	43.6	7.5	15	18.20	24.0
Q926276		3.65	<0.005	0.24	7.04	29.4	1860	1.27	1.23	2.64	0.45	42.6	6.9	11	21.7	13.3
Q926277		5.46	<0.005	0.06	7.49	6.4	2050	1.69	0.29	2.33	0.10	44.1	8.2	13	23.4	8.8
Q926278		2.80	0.061	0.81	6.82	90.0	1110	1.22	0.84	4.90	1.43	33.0	9.1	9	19.75	22.7
Q926279		3.39	<0.005	0.08	7.85	12.0	1450	1.32	0.82	1.94	0.07	47.6	9.1	14	7.77	5.8
Q926280		5.23	<0.005	0.11	7.99	61.7	1650	1.44	0.25	3.32	0.13	38.0	7.2	11	10.15	9.8
Q926281		3.72	<0.005	0.11	7.37	12.3	1690	1.19	0.16	2.31	0.28	38.8	7.4	10	15.20	11.2
Q926282		2.22	<0.005	0.11	7.17	17.8	1970	1.28	0.18	2.60	0.32	37.9	7.3	9	16.25	14.9
Q926283		6.44	<0.005	0.10	7.54	6.7	2070	1.37	0.20	2.40	0.08	41.2	7.8	12	12.05	14.1
Q926284		3.47	<0.005	0.11	7.57	43.0	1490	1.31	0.25	3.96	0.10	36.1	6.8	11	10.15	8.4
Q926285		5.28	<0.005	0.01	0.07	<0.2	90	0.07	0.13	21.0	0.06	1.08	0.7	1	0.14	2.1
Q926286		5.81	<0.005	0.10	7.14	6.3	1680	1.46	0.31	3.11	0.06	38.8	7.8	15	13.35	11.4
Q926287		0.23	0.872	11.30	6.52	1515	1330	1.32	11.55	1.81	32.1	46.2	16.5	19	13.75	279
Q926288		3.00	0.009	0.19	7.15	76.8	1050	1.51	0.20	3.04	0.22	40.7	8.1	11	20.3	12.6
Q926289		3.07	<0.005	0.14	7.54	43.0	1580	1.43	0.15	2.88	0.33	41.7	9.0	12	28.2	16.5
Q926290		3.80	<0.005	0.65	7.42	55.1	1620	1.43	0.74	1.69	0.14	51.4	9.8	13	13.85	92.6
Q926291		1.34	0.018	0.72	6.96	118.5	1430	1.58	0.22	2.09	1.12	49.3	8.5	11	22.2	31.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113435

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926256		3.12	15.60	0.19	1.1	0.046	2.52	19.7	13.3	0.86	723	0.91	2.04	7.3	2.9	660
Q926257		3.14	15.35	0.19	1.2	0.054	2.63	19.0	21.3	0.89	785	0.96	1.10	7.3	2.9	660
Q926258		3.10	15.65	0.22	1.2	0.039	2.49	20.3	28.8	0.87	733	0.77	1.16	7.1	2.9	650
Q926259		3.08	15.10	0.22	1.3	0.039	2.82	20.3	49.2	0.94	1240	0.87	0.69	7.0	2.9	680
Q926260		3.12	15.35	0.23	1.3	0.043	2.84	22.7	49.8	0.96	1280	0.88	0.70	7.2	2.9	690
Q926261		3.07	16.25	0.21	1.2	0.039	2.58	20.7	25.1	0.75	777	1.34	1.54	7.6	3.1	680
Q926262		3.26	16.45	0.23	1.3	0.054	2.76	22.0	21.2	0.64	1000	0.88	0.78	7.4	2.8	660
Q926263		4.94	14.60	0.14	1.1	0.286	2.92	28.1	27.2	0.77	1900	13.30	0.15	5.7	14.3	540
Q926264		3.75	15.35	0.19	1.2	0.093	3.26	21.1	19.9	0.87	2100	0.94	0.78	6.9	2.7	670
Q926265		2.46	16.80	0.24	3.1	0.030	2.88	31.5	34.7	1.28	1460	3.00	0.05	9.5	5.1	1050
Q926266		3.34	17.95	0.23	4.5	0.032	2.26	37.7	103.0	1.38	811	1.05	0.07	10.8	12.0	1770
Q926267		2.17	20.4	0.28	3.1	0.037	2.52	24.8	109.0	0.73	662	1.86	0.05	14.0	3.6	1080
Q926268		2.92	15.60	0.23	1.2	0.044	2.66	21.9	10.7	0.74	936	1.30	2.08	7.4	2.7	630
Q926269		2.88	16.05	0.26	1.3	0.036	2.75	19.9	29.7	0.85	1900	1.33	0.48	7.5	3.1	620
Q926270		3.08	15.90	0.26	1.3	0.036	2.66	21.3	12.6	0.88	770	1.12	2.16	7.7	2.9	650
Q926271		3.14	16.25	0.24	1.4	0.047	2.87	24.5	31.9	0.90	1400	2.01	0.97	7.9	2.9	690
Q926272		3.21	15.75	0.25	1.2	0.043	2.85	21.0	31.7	0.83	1720	0.95	1.39	7.4	2.7	610
Q926273		3.23	14.75	0.22	1.2	0.049	2.87	20.2	79.0	0.90	2630	1.36	0.31	6.9	2.7	580
Q926274		0.47	0.34	0.22	<0.1	<0.005	0.03	0.6	1.5	12.95	207	0.09	0.01	0.2	1.5	220
Q926275		2.99	15.30	0.30	1.3	0.037	2.62	21.9	23.4	0.81	677	1.20	1.89	7.5	2.8	630
Q926276		2.59	14.25	0.24	1.2	0.032	2.26	23.0	156.0	0.88	1470	1.58	0.06	6.8	2.6	580
Q926277		3.28	15.45	0.22	1.3	0.041	2.60	22.1	32.6	0.91	661	0.93	1.43	7.6	2.8	650
Q926278		3.62	13.85	0.19	1.0	0.097	2.67	16.4	38.5	0.34	1850	1.96	0.18	6.1	2.3	570
Q926279		3.60	16.60	0.22	1.2	0.050	1.87	24.3	19.1	0.68	935	1.23	1.52	8.1	2.9	770
Q926280		3.10	15.35	0.25	1.3	0.055	2.77	18.9	17.2	0.65	1090	1.09	1.18	7.1	2.6	630
Q926281		3.05	14.35	0.21	1.3	0.055	2.51	19.8	26.4	0.79	1560	0.93	0.29	6.9	2.5	620
Q926282		3.11	14.40	0.23	1.3	0.065	2.50	19.3	23.2	0.77	1480	1.01	0.53	6.9	2.6	600
Q926283		2.96	15.60	0.27	1.4	0.042	2.79	21.0	19.1	0.71	900	1.18	1.04	7.4	2.6	660
Q926284		2.91	14.30	0.27	1.3	0.040	2.57	18.3	21.6	0.76	1130	0.97	0.61	6.7	2.3	630
Q926285		0.48	0.33	0.20	<0.1	<0.005	0.03	0.5	1.1	12.65	209	0.08	0.01	0.2	1.4	190
Q926286		2.94	14.95	0.32	1.5	0.031	2.67	19.3	9.2	0.74	840	1.02	1.73	7.2	2.6	610
Q926287		6.39	14.45	0.19	1.1	0.778	2.81	25.8	20.4	0.75	1760	8.04	0.12	5.9	12.0	530
Q926288		3.26	15.55	0.21	1.5	0.099	3.14	20.5	16.7	0.69	2520	1.18	0.54	7.3	2.5	620
Q926289		2.99	16.10	0.25	1.2	0.036	2.49	21.4	70.4	0.94	988	1.18	0.45	7.4	3.1	610
Q926290		3.23	17.25	0.11	1.3	0.061	2.63	26.3	41.2	0.79	812	4.19	0.20	8.3	3.1	660
Q926291		3.16	16.10	0.11	1.1	0.128	3.23	25.1	28.9	0.70	2430	0.87	0.73	7.5	3.0	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113435

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926256		16.1	85.9	<0.002	0.03	3.46	10.6	1	1.7	442	0.55	<0.05	9.4	0.270	1.09	3.2
Q926257		15.9	89.4	<0.002	0.09	5.74	11.0	1	6.8	307	0.56	<0.05	13.2	0.277	1.25	3.8
Q926258		12.6	92.1	<0.002	0.10	10.70	10.6	<1	2.7	261	0.57	<0.05	8.9	0.271	1.34	2.6
Q926259		12.7	113.5	<0.002	0.15	14.65	10.5	1	1.9	169.5	0.56	<0.05	9.1	0.267	1.91	3.4
Q926260		13.1	124.0	<0.002	0.16	14.65	11.1	1	1.9	172.5	0.57	<0.05	10.1	0.271	2.00	3.7
Q926261		17.5	92.8	<0.002	0.08	7.09	11.4	1	1.7	363	0.59	<0.05	10.9	0.284	1.19	2.8
Q926262		64.5	109.5	<0.002	0.12	8.71	11.6	1	2.5	273	0.60	0.21	13.3	0.276	1.46	2.9
Q926263		482	161.0	0.004	2.72	24.3	9.1	1	5.2	113.0	0.47	0.32	11.6	0.208	2.47	4.7
Q926264		124.5	138.0	<0.002	0.28	8.77	10.7	1	3.9	259	0.54	<0.05	9.3	0.267	2.16	3.4
Q926265		29.2	133.5	<0.002	0.27	23.8	6.5	1	1.4	334	0.65	<0.05	7.9	0.276	3.91	4.1
Q926266		12.7	80.6	<0.002	0.04	18.50	7.8	1	1.3	612	0.70	<0.05	7.3	0.427	2.39	2.7
Q926267		18.7	67.7	<0.002	0.22	12.40	6.2	1	1.9	416	0.86	<0.05	7.9	0.296	2.94	4.8
Q926268		20.3	103.5	<0.002	0.11	2.00	10.3	1	2.5	408	0.68	<0.05	12.8	0.260	1.29	4.3
Q926269		40.6	103.5	<0.002	0.08	8.26	10.4	1	2.4	227	0.74	<0.05	12.3	0.257	1.70	4.5
Q926270		17.1	99.8	<0.002	0.07	1.65	10.9	1	2.3	420	0.75	<0.05	12.9	0.271	1.17	4.2
Q926271		27.8	103.5	<0.002	0.14	3.88	11.2	1	2.6	312	0.74	<0.05	14.5	0.285	1.37	4.2
Q926272		84.3	105.0	<0.002	0.25	5.99	10.2	1	3.0	327	0.67	<0.05	12.7	0.259	1.68	4.0
Q926273		135.0	113.0	<0.002	0.30	14.70	9.8	1	2.2	192.5	0.62	<0.05	11.8	0.245	2.19	4.3
Q926274		1.5	1.4	<0.002	0.01	0.08	0.2	<1	<0.2	52.2	<0.05	<0.05	0.2	0.005	0.02	0.5
Q926275		39.3	102.0	<0.002	0.23	3.06	10.4	1	2.8	412	0.72	0.23	12.8	0.261	1.27	4.0
Q926276		24.4	88.4	<0.002	0.20	19.60	10.0	1	2.0	185.5	0.65	<0.05	12.6	0.236	1.71	7.7
Q926277		17.2	104.0	<0.002	0.05	3.52	10.8	1	2.1	373	0.70	<0.05	12.6	0.274	1.32	3.6
Q926278		75.4	104.5	<0.002	0.94	14.75	8.5	1	2.1	130.0	0.47	<0.05	7.8	0.242	2.10	4.5
Q926279		12.6	79.7	<0.002	0.01	4.14	13.5	1	2.4	184.0	0.63	<0.05	12.1	0.316	1.03	2.5
Q926280		17.0	101.0	<0.002	0.07	5.15	9.9	1	1.6	243	0.62	<0.05	9.1	0.265	1.54	2.2
Q926281		16.5	93.4	<0.002	0.10	12.85	10.0	1	1.6	124.5	0.61	<0.05	9.4	0.251	1.60	3.6
Q926282		17.5	98.5	<0.002	0.10	10.90	9.9	1	2.1	165.0	0.59	<0.05	9.2	0.250	1.48	3.9
Q926283		15.7	107.5	<0.002	0.04	7.31	10.7	1	1.7	231	0.62	<0.05	11.4	0.277	1.37	2.3
Q926284		15.2	90.3	<0.002	0.07	7.57	9.5	1	1.4	187.5	0.57	<0.05	8.8	0.256	1.42	2.8
Q926285		1.2	1.1	<0.002	0.01	0.07	0.2	1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q926286		12.9	106.0	<0.002	0.04	3.88	9.7	1	1.5	285	0.67	<0.05	9.6	0.254	1.35	3.9
Q926287		1275	164.5	<0.002	4.65	60.9	9.1	2	7.3	101.5	0.47	0.94	11.8	0.202	2.49	4.7
Q926288		15.7	148.5	<0.002	0.22	10.45	10.2	1	1.6	148.5	0.68	<0.05	11.7	0.255	2.11	4.3
Q926289		19.1	86.1	<0.002	0.22	14.75	10.8	1	1.7	204	0.60	<0.05	10.7	0.267	3.92	5.3
Q926290		27.6	112.5	<0.002	0.17	22.2	11.9	1	5.5	112.5	0.74	<0.05	14.9	0.274	1.74	4.6
Q926291		40.2	180.0	<0.002	0.50	13.05	10.9	1	2.6	177.5	0.64	0.05	14.0	0.246	2.52	6.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113435

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926256		79	0.8	15.6	57	29.0
Q926257		81	2.1	14.7	64	30.0
Q926258		83	3.2	12.9	64	30.9
Q926259		79	2.8	13.1	70	33.7
Q926260		80	2.3	13.6	73	33.0
Q926261		85	1.6	15.6	59	30.8
Q926262		81	1.7	16.8	74	33.2
Q926263		67	5.7	12.8	878	30.5
Q926264		81	3.4	15.7	150	30.1
Q926265		60	4.6	14.2	67	117.0
Q926266		84	1.2	13.2	98	180.5
Q926267		59	4.4	11.6	66	101.0
Q926268		75	1.0	15.6	60	30.3
Q926269		77	2.8	14.6	127	30.7
Q926270		80	1.2	17.2	57	31.5
Q926271		85	3.2	17.2	77	33.2
Q926272		76	1.9	15.6	298	29.1
Q926273		73	3.7	15.3	330	29.3
Q926274		2	0.1	0.8	16	<0.5
Q926275		76	1.7	15.8	74	31.3
Q926276		74	3.0	14.5	79	29.6
Q926277		82	1.1	16.6	61	31.6
Q926278		73	4.1	12.8	255	26.5
Q926279		97	6.2	15.2	109	30.5
Q926280		76	2.8	14.5	63	34.6
Q926281		76	6.4	15.2	76	33.3
Q926282		77	5.5	15.0	77	33.1
Q926283		81	3.0	14.6	57	34.6
Q926284		76	2.4	15.1	59	36.1
Q926285		2	0.1	0.8	14	<0.5
Q926286		75	1.6	13.7	48	37.3
Q926287		62	6.0	13.7	2310	30.5
Q926288		76	2.2	15.1	82	38.2
Q926289		80	2.0	15.0	80	31.0
Q926290		80	5.0	14.6	63	35.1
Q926291		73	4.1	14.1	181	31.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113435

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113436

Project: KLAZA

P.O. No.: BATCH 98

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

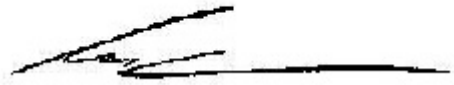
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113436

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927385		5.81	<0.005	0.05	0.04	<0.2	20	0.05	0.02	22.1	0.05	1.08	0.7	1	0.08	2.9
Q927386		4.75	0.261	1.37	7.31	325	1110	1.44	0.33	2.99	4.08	44.4	3.4	10	16.80	22.2
Q927387		3.51	0.030	0.45	7.82	129.5	2050	1.41	0.55	2.43	0.38	49.1	8.8	11	17.95	12.9
Q927388		4.63	<0.005	0.09	6.89	11.6	2690	1.31	0.16	2.64	0.11	35.3	6.6	11	15.35	12.0
Q927389		2.13	<0.005	0.09	7.44	11.9	2880	1.50	0.17	2.80	0.09	43.8	6.4	13	15.60	13.3
Q927390		6.66	<0.005	0.08	7.31	9.0	2550	1.47	0.19	2.79	0.11	37.3	6.7	18	14.10	11.2
Q927391		5.70	<0.005	0.11	7.45	11.3	2740	1.55	0.21	2.55	0.13	39.8	6.9	14	15.15	8.0
Q927392		2.57	<0.005	0.10	7.13	9.8	1800	1.27	0.27	2.89	0.15	38.9	8.0	10	11.30	7.2
Q927393		4.15	<0.005	0.11	7.10	11.6	2540	1.49	0.22	2.60	0.12	36.1	7.4	12	19.35	13.0
Q927394		5.85	<0.005	0.04	7.06	45.6	750	1.56	0.06	4.34	0.13	62.5	12.1	43	27.0	8.6
Q927395		3.76	<0.005	0.09	6.83	13.5	3980	1.73	0.45	2.97	0.06	41.7	3.5	12	21.1	3.2
Q927396		6.94	<0.005	0.06	7.53	10.2	2370	1.63	0.30	2.50	0.10	47.9	6.9	11	12.80	12.6
Q927397		4.41	<0.005	0.13	7.71	7.7	2260	1.60	0.22	2.44	0.10	57.2	7.7	11	8.49	16.3
Q927398		6.17	<0.005	0.12	7.11	17.8	1050	2.02	0.24	2.54	0.09	67.0	6.2	29	40.5	10.3
Q927399		6.64	<0.005	0.06	7.09	11.0	920	2.04	0.12	2.88	0.05	52.7	5.1	20	45.3	6.8
Q927400		0.30	0.347	4.76	6.88	709	680	1.42	3.56	2.06	10.85	51.2	13.0	25	13.50	321
Q927401		4.32	<0.005	0.07	7.47	11.7	3080	1.71	0.18	2.00	0.11	57.1	4.9	29	31.5	9.1
Q927402		1.90	0.013	0.89	7.43	19.3	1710	1.65	0.44	2.38	0.16	53.9	9.0	21	35.4	24.6
Q927403		3.67	<0.005	0.16	7.57	6.7	2110	1.88	0.26	2.31	0.11	55.1	7.2	10	35.3	14.5
Q927404		2.60	<0.005	0.20	7.73	6.5	2280	1.57	0.41	2.30	0.11	53.2	7.0	10	31.7	10.5
Q927405		<0.02	<0.005	0.22	7.79	6.4	2230	1.73	0.42	2.35	0.13	54.8	7.2	12	32.9	13.0
Q927406		5.62	0.026	0.70	7.32	38.5	2310	1.51	0.95	2.41	0.27	50.9	6.8	13	22.2	10.6
Q927407		0.30	0.837	12.60	6.79	1505	1140	1.36	12.30	1.87	32.7	50.2	18.7	19	13.65	295
Q927408		3.53	<0.005	0.14	7.85	8.7	2320	1.65	0.29	2.66	0.16	50.4	7.5	12	13.60	10.2
Q927409		0.93	0.035	2.42	6.96	244	1730	1.36	0.75	3.32	1.56	50.5	8.8	10	15.95	45.8
Q927410		5.75	<0.005	0.02	0.06	<0.2	80	<0.05	0.02	21.2	0.03	1.11	0.7	1	0.16	1.2
Q927411		2.08	0.042	1.09	6.95	170.5	1850	1.47	0.50	2.81	0.34	48.3	6.8	10	14.25	16.4
Q927412		6.77	<0.005	0.12	8.00	9.9	2310	1.65	0.24	2.70	0.11	57.3	7.6	13	13.55	12.6
Q927413		6.89	<0.005	0.10	7.97	7.7	2260	1.55	0.20	2.65	0.11	56.0	7.8	11	13.65	10.2
Q927414		4.49	<0.005	0.16	7.17	32.1	2010	1.54	0.23	2.59	0.13	49.9	8.5	11	17.90	20.0
Q927415		4.05	<0.005	1.11	7.86	50.5	2310	1.54	0.27	2.50	0.70	51.1	7.4	13	17.30	15.9
Q927416		4.72	<0.005	0.26	7.63	20.5	2080	1.41	0.30	2.04	0.11	50.0	6.4	11	21.4	10.4
Q927417		3.67	<0.005	0.12	7.84	9.5	2230	1.71	0.34	2.45	0.12	51.0	8.5	12	11.50	12.3
Q927418		3.98	<0.005	0.10	7.60	16.5	2330	1.61	0.30	2.35	0.15	49.6	6.4	14	10.40	5.6
Q927419		2.33	0.662	>100	7.21	995	1200	1.34	4.26	1.83	12.35	54.6	9.5	11	26.0	696
Q927420		3.37	<0.005	0.49	7.90	7.1	2310	1.55	0.15	2.37	0.12	56.0	7.9	12	19.80	14.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113436

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927385		0.47	0.20	0.30	<0.1	0.006	0.01	0.5	<0.2	13.65	210	0.17	0.01	0.1	1.7	180
Q927386		3.20	15.45	0.21	1.1	0.121	2.67	23.5	77.8	1.03	2940	3.44	0.02	7.3	2.7	600
Q927387		3.73	16.20	0.21	1.3	0.160	3.80	25.9	22.9	0.84	2450	2.41	0.69	8.3	2.7	610
Q927388		2.72	15.10	0.19	1.2	0.036	2.90	16.8	11.5	0.74	642	2.34	1.94	7.3	2.5	560
Q927389		2.80	15.65	0.21	1.3	0.046	2.99	21.6	12.6	0.79	670	1.75	2.04	7.6	2.4	580
Q927390		2.79	15.85	0.19	1.2	0.045	2.79	17.9	13.0	0.75	630	2.75	2.17	7.6	2.8	610
Q927391		3.04	16.40	0.18	1.2	0.050	2.70	19.2	26.3	0.75	557	1.98	2.20	7.9	2.8	630
Q927392		2.93	16.25	0.19	1.2	0.052	2.71	18.8	79.8	1.04	716	2.23	0.51	8.1	2.7	670
Q927393		3.04	16.25	0.19	1.2	0.048	2.67	16.1	40.5	0.76	584	3.10	1.70	8.2	3.1	670
Q927394		3.50	18.05	0.22	4.1	0.042	2.12	31.2	74.7	1.54	688	0.93	0.14	10.6	17.8	1710
Q927395		2.99	15.85	0.17	1.1	0.099	2.56	20.0	77.4	0.84	771	6.76	1.62	8.1	3.2	590
Q927396		2.92	16.85	0.23	1.3	0.058	2.61	23.8	16.2	0.82	591	2.08	2.28	8.6	2.8	640
Q927397		2.95	16.25	0.16	1.2	0.047	2.73	30.4	18.2	0.84	553	1.66	2.27	8.0	2.7	610
Q927398		2.19	20.1	0.16	4.1	0.033	3.14	37.6	56.3	0.73	475	1.46	0.67	9.6	19.5	710
Q927399		2.15	18.80	0.18	2.6	0.028	2.90	27.2	58.4	0.74	457	1.27	0.71	9.0	11.2	780
Q927400		5.09	15.60	0.15	1.1	0.332	3.02	29.5	28.5	0.79	1900	14.80	0.15	6.3	13.7	540
Q927401		2.10	18.50	0.15	3.6	0.029	1.43	31.0	94.4	0.66	463	1.43	0.02	8.8	14.8	660
Q927402		2.35	16.90	0.19	2.7	0.059	2.95	29.1	49.7	0.93	842	1.13	0.26	7.9	13.1	610
Q927403		2.85	16.45	0.19	1.5	0.061	2.89	30.0	14.2	0.63	708	1.50	2.15	8.8	3.2	570
Q927404		3.05	16.25	0.18	1.4	0.071	3.10	28.1	11.1	0.75	970	1.84	2.28	8.2	2.8	590
Q927405		3.00	17.00	0.19	1.4	0.076	3.03	29.2	11.6	0.75	960	2.05	2.28	8.5	3.1	580
Q927406		3.03	16.10	0.15	1.5	0.108	3.14	27.7	13.5	0.72	1260	1.56	1.90	7.9	4.1	600
Q927407		6.67	15.35	0.17	1.1	0.866	2.95	28.1	21.4	0.78	1800	9.42	0.13	6.5	11.8	550
Q927408		3.10	16.75	0.18	1.2	0.062	2.84	26.4	14.8	0.79	733	1.45	2.50	8.2	2.5	650
Q927409		3.37	15.45	0.17	1.2	0.105	3.00	27.4	21.8	0.77	1560	2.57	0.63	7.5	3.5	570
Q927410		0.46	0.18	0.09	<0.1	<0.005	0.03	0.6	1.1	12.75	212	0.11	0.01	0.1	1.4	230
Q927411		2.92	15.25	0.15	1.3	0.128	3.22	24.8	13.2	0.75	2250	2.30	1.21	8.2	2.1	540
Q927412		2.94	16.60	0.18	1.3	0.054	2.91	31.2	11.5	0.77	703	4.64	2.30	8.3	2.5	600
Q927413		2.99	16.45	0.19	1.3	0.051	2.90	30.8	14.1	0.78	699	2.89	2.32	8.3	2.6	630
Q927414		2.95	16.95	0.20	1.3	0.061	2.79	26.0	16.6	0.69	790	1.91	1.76	8.7	2.8	580
Q927415		2.91	17.10	0.20	1.3	0.082	3.40	26.7	13.6	0.62	1060	2.47	1.83	8.3	2.7	610
Q927416		2.94	16.45	0.16	1.2	0.078	3.23	26.9	121.0	0.69	849	1.15	0.53	8.1	2.4	620
Q927417		3.07	16.20	0.19	1.3	0.085	3.19	27.6	11.4	0.75	661	1.55	2.24	7.9	2.5	620
Q927418		2.98	16.30	0.18	1.2	0.070	3.47	25.7	13.2	0.76	1080	1.78	1.99	8.3	2.5	620
Q927419		4.14	15.30	0.31	1.2	0.267	3.06	30.5	70.5	0.66	3360	8.57	0.24	7.6	2.6	590
Q927420		2.95	16.95	0.20	1.3	0.053	3.06	30.9	18.1	0.66	673	1.83	1.92	8.3	2.6	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113436

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927385		3.4	0.7	<0.002	<0.01	0.06	0.1	1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q927386		104.5	115.5	0.002	0.63	31.2	9.5	1	2.2	190.0	0.56	<0.05	12.4	0.249	2.20	4.9
Q927387		21.4	185.0	<0.002	1.17	14.30	10.0	1	1.9	175.5	0.68	<0.05	13.8	0.265	2.59	4.5
Q927388		21.1	92.6	<0.002	0.06	3.46	8.5	1	1.6	363	0.58	<0.05	9.1	0.248	1.41	3.1
Q927389		17.5	105.0	<0.002	0.06	3.44	9.1	1	1.7	387	0.59	<0.05	10.8	0.252	1.41	3.3
Q927390		17.8	83.8	<0.002	0.04	3.14	9.0	1	1.7	399	0.58	<0.05	9.1	0.256	1.17	2.8
Q927391		25.7	86.7	<0.002	0.07	4.55	10.1	1	1.7	450	0.59	<0.05	9.2	0.274	1.13	2.9
Q927392		19.8	68.8	<0.002	0.04	8.46	9.9	1	1.9	242	0.62	<0.05	9.6	0.280	1.24	1.7
Q927393		19.0	80.7	<0.002	0.04	6.38	10.1	1	1.8	378	0.61	<0.05	9.2	0.281	1.19	2.7
Q927394		16.9	51.8	<0.002	0.02	10.20	7.8	1	1.1	968	0.63	<0.05	6.4	0.426	0.92	2.5
Q927395		14.4	89.2	<0.002	0.08	6.14	9.8	1	2.0	334	0.59	<0.05	10.0	0.252	1.26	4.3
Q927396		18.6	94.8	<0.002	0.02	4.99	11.2	1	2.1	408	0.67	<0.05	12.0	0.273	1.03	3.8
Q927397		19.1	99.2	<0.002	0.02	2.57	10.7	1	1.9	421	0.66	<0.05	13.5	0.263	1.03	3.4
Q927398		16.4	120.5	<0.002	<0.01	9.68	6.5	1	1.8	345	0.77	<0.05	11.9	0.270	1.51	4.9
Q927399		16.1	94.4	<0.002	0.01	5.50	5.8	1	1.5	421	0.68	<0.05	8.6	0.268	1.44	2.7
Q927400		486	158.0	0.003	2.75	27.5	9.4	1	5.9	109.0	0.50	0.33	11.2	0.209	2.51	5.1
Q927401		16.1	52.0	<0.002	0.07	22.1	5.8	1	1.6	239	0.72	<0.05	10.4	0.264	0.76	3.7
Q927402		21.6	106.5	<0.002	0.04	13.90	7.2	1	2.0	268	0.67	<0.05	11.4	0.251	1.50	4.8
Q927403		22.4	130.0	<0.002	0.01	3.14	10.7	1	2.1	380	0.79	<0.05	13.9	0.247	1.33	4.2
Q927404		22.0	125.5	<0.002	0.01	3.04	10.6	1	2.1	378	0.76	<0.05	12.7	0.254	1.44	3.8
Q927405		23.7	133.5	<0.002	0.01	3.22	11.0	1	2.1	378	0.73	<0.05	14.1	0.251	1.50	4.1
Q927406		31.2	127.0	<0.002	0.16	5.88	9.8	1	2.2	319	0.64	<0.05	12.4	0.248	1.64	3.6
Q927407		1300	163.0	<0.002	4.77	67.3	9.5	2	8.4	98.7	0.54	1.31	11.4	0.209	2.61	5.0
Q927408		21.2	105.0	<0.002	0.02	1.45	10.7	1	2.4	402	0.68	<0.05	12.4	0.261	1.17	3.9
Q927409		53.6	122.0	<0.002	0.73	15.15	9.5	1	2.5	193.5	0.64	0.05	11.9	0.240	2.26	8.4
Q927410		1.7	1.0	<0.002	<0.01	0.08	0.2	1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q927411		26.8	132.5	<0.002	0.48	9.85	9.2	1	2.2	232	0.75	<0.05	12.9	0.226	2.03	4.2
Q927412		18.8	116.5	<0.002	0.03	1.74	10.6	1	2.0	373	0.70	<0.05	13.7	0.264	1.34	3.5
Q927413		18.2	115.0	<0.002	0.02	1.60	10.6	1	1.9	372	0.70	<0.05	13.7	0.264	1.28	2.7
Q927414		18.4	110.0	<0.002	0.04	3.84	11.5	1	2.4	280	0.70	<0.05	12.1	0.259	1.61	2.8
Q927415		33.6	132.0	<0.002	0.08	7.77	10.8	<1	2.3	299	0.70	<0.05	13.2	0.254	1.93	3.3
Q927416		16.0	122.0	<0.002	0.10	15.70	10.3	<1	2.0	163.5	0.65	<0.05	12.5	0.258	1.73	2.9
Q927417		15.4	125.5	<0.002	0.02	2.92	10.5	1	1.8	340	0.67	<0.05	12.9	0.255	1.42	2.9
Q927418		14.9	127.5	<0.002	0.12	7.19	10.4	1	1.8	300	0.69	<0.05	12.5	0.255	1.69	3.0
Q927419		2330	157.0	<0.002	2.24	762	10.5	1	2.5	112.0	0.62	<0.05	12.6	0.245	2.26	3.9
Q927420		20.2	118.5	<0.002	0.02	6.91	10.9	1	2.1	308	0.69	<0.05	14.2	0.260	1.42	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113436

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
Q927385		2	0.1	0.8	16	<0.5	
Q927386		68	4.2	13.6	348	30.6	
Q927387		67	4.6	13.7	89	36.8	
Q927388		68	1.8	13.0	50	34.7	
Q927389		68	1.8	14.4	45	36.8	
Q927390		70	2.1	13.2	46	32.5	
Q927391		76	1.8	14.4	51	32.1	
Q927392		77	3.5	14.0	48	31.5	
Q927393		80	2.0	13.3	47	31.8	
Q927394		88	1.0	12.0	83	164.0	
Q927395		68	1.9	13.6	46	30.8	
Q927396		75	1.3	16.3	47	35.3	
Q927397		71	1.6	16.7	49	30.3	
Q927398		53	1.4	12.9	57	161.0	
Q927399		51	1.3	11.1	54	93.5	
Q927400		67	6.2	12.1	900	30.1	
Q927401		51	2.8	11.2	59	140.5	
Q927402		59	2.4	13.4	69	105.0	
Q927403		69	6.8	18.5	55	39.8	
Q927404		71	2.8	17.2	57	33.9	
Q927405		70	3.4	17.9	57	36.3	
Q927406		66	2.2	15.7	73	40.6	
Q927407		63	6.5	12.2	2430	29.7	
Q927408		73	1.0	17.3	62	31.1	
Q927409		66	2.7	16.6	192	33.5	
Q927410		3	0.1	0.8	15	<0.5	
Q927411		63	2.3	15.9	61	35.3	
Q927412		71	2.0	18.0	56	34.1	
Q927413		72	2.2	17.8	57	33.0	
Q927414		74	4.2	17.8	57	33.4	
Q927415		71	3.2	16.7	144	35.4	
Q927416		71	6.9	16.2	58	33.4	
Q927417		71	2.6	16.1	55	32.6	
Q927418		70	2.5	15.9	257	32.7	
Q927419		69	5.4	15.1	1700	31.3	314
Q927420		72	3.0	17.3	54	33.3	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14113436

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
PUL-31	PUL-31d	PUL-QC	

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113780

Project: Klaza

P.O. No.: Batch 102

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

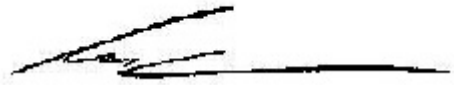
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113780

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927493		2.15	<0.005	0.32	7.63	16.6	2250	1.65	0.59	1.12	0.23	54.6	6.4	15	9.38	10.1
Q927494		3.52	0.007	0.16	7.58	14.5	2400	1.60	0.66	1.09	0.24	53.3	4.7	14	11.45	5.4
Q927495		5.46	<0.005	0.17	7.53	10.8	2250	1.62	0.62	2.34	0.23	52.7	5.1	22	9.64	8.0
Q927496		5.49	<0.005	0.20	7.60	9.6	2250	1.64	0.32	2.54	0.27	50.2	7.4	24	12.95	15.2
Q927497		3.22	0.025	0.37	6.42	15.7	1960	1.42	0.48	2.51	1.35	34.1	8.9	21	14.10	17.8
Q927498		3.79	<0.005	0.24	7.27	9.9	2320	1.53	0.33	2.56	0.40	39.3	7.4	20	16.45	12.8
Q927499		1.77	<0.005	0.24	7.57	9.5	2360	1.62	0.30	2.39	0.36	43.7	7.5	21	16.60	14.4
Q927500		3.30	0.065	7.03	8.14	598	1760	1.33	0.25	0.85	13.85	50.0	5.7	19	21.7	123.0
Q927501		1.52	<0.005	0.28	6.45	16.6	2380	1.52	0.34	2.30	0.80	43.1	4.2	16	15.70	3.5
Q927502		5.57	<0.005	0.01	0.08	<0.2	40	0.06	0.02	19.95	0.07	1.53	0.7	6	0.32	2.0
Q927503		3.31	<0.005	0.19	7.91	11.8	2150	1.44	0.32	1.62	0.60	48.7	7.3	18	14.35	14.0
Q927504		3.44	<0.005	0.19	7.62	8.7	2130	1.73	0.77	2.11	0.19	48.5	9.9	14	14.85	15.4
Q927505		0.26	0.859	12.25	6.84	1595	1160	1.40	13.20	1.82	34.6	49.0	18.4	21	14.70	287
Q927506		3.15	0.009	0.46	7.88	51.7	2030	1.40	0.29	1.38	0.90	54.4	8.3	19	17.05	17.4
Q927507		2.46	0.075	0.93	7.53	83.8	3710	1.61	0.40	1.43	1.72	49.1	8.7	18	21.5	15.6
Q927508		4.88	<0.005	0.13	7.54	4.4	2350	1.62	0.15	2.53	0.16	45.4	8.6	20	13.50	11.2
Q927509		0.70	1.255	0.82	7.19	42.7	1540	1.41	0.49	2.01	0.15	47.3	15.8	18	17.55	8.0
Q927510		2.17	0.049	0.13	7.11	7.2	2170	1.59	0.16	2.42	0.32	43.3	8.7	12	11.75	10.0
Q927511		3.77	0.180	0.17	7.50	7.2	2300	1.59	0.18	2.29	0.15	48.8	10.1	20	9.17	6.6
Q927512		<0.02	0.156	0.12	7.28	7.1	2280	1.64	0.16	2.24	0.17	43.3	10.4	16	9.06	6.7
Q927513		1.82	3.13	8.85	6.79	16.5	2550	1.35	162.0	1.67	0.16	48.5	5.1	15	11.15	27.2
Q927514		4.82	<0.005	0.09	7.66	7.5	2310	1.53	0.41	2.02	0.12	79.4	6.0	14	11.50	7.7
Q927515		3.79	0.063	0.20	7.94	26.2	2600	1.46	0.45	2.43	0.07	45.0	16.9	10	14.25	0.9
Q927516		6.15	<0.005	0.16	7.71	17.8	2940	1.56	0.70	1.81	0.18	44.9	8.0	13	15.55	2.6
Q927517		0.26	1.685	39.0	5.79	2530	1080	1.21	38.6	1.60	46.5	34.6	16.9	25	10.30	1145
Q927518		4.66	0.007	0.17	8.32	15.3	5120	1.66	0.51	3.23	0.16	44.7	22.6	6	14.65	2.6
Q927519		3.13	0.005	0.24	7.12	31.6	1440	1.52	0.23	1.60	0.31	36.2	6.0	10	16.65	11.2
Q927520		0.57	0.901	28.9	3.81	2870	100	1.21	0.33	2.25	11.05	24.7	5.8	12	13.70	159.5
Q927521		5.38	<0.005	0.02	0.07	0.8	40	0.06	0.02	20.7	0.08	1.17	0.7	1	0.18	2.8
Q927522		5.65	<0.005	0.12	7.49	8.8	2240	1.46	0.16	2.54	0.10	43.5	7.5	12	16.00	19.7
Q927523		2.84	0.013	0.17	7.33	12.1	2580	1.50	0.18	2.36	0.13	47.8	7.5	10	17.50	19.9
Q927524		3.05	<0.005	0.16	6.80	17.8	3030	1.38	0.23	2.29	0.17	41.8	4.8	7	20.4	9.3
Q927525		3.45	0.010	0.12	7.16	25.6	3470	1.41	0.23	1.58	0.23	46.4	5.5	11	18.95	9.6
Q927526		4.51	0.007	0.08	7.82	25.3	1500	1.49	0.29	3.56	0.15	47.5	1.6	5	16.80	1.4
Q927527		5.82	<0.005	0.07	7.57	5.4	2230	1.66	0.16	2.40	0.09	47.0	5.8	12	10.35	6.0
Q927528		0.79	0.014	0.30	7.01	26.2	1440	1.59	0.34	3.07	0.35	42.2	6.3	11	16.50	10.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927493		3.26	16.65	0.16	1.0	0.118	2.85	28.7	12.8	0.42	865	2.52	1.65	8.1	3.3	600
Q927494		3.21	17.15	0.17	1.1	0.149	2.97	27.4	15.5	0.26	764	2.02	1.24	8.3	2.7	600
Q927495		3.03	16.60	0.16	1.3	0.081	2.84	25.4	11.4	0.72	728	1.49	2.12	8.4	2.7	630
Q927496		2.94	17.25	0.17	1.3	0.051	2.69	23.5	14.8	0.69	787	1.93	2.33	8.5	2.9	600
Q927497		3.08	16.95	0.16	1.2	0.077	2.85	14.9	27.6	0.36	1100	1.60	0.40	8.2	2.7	560
Q927498		3.05	16.55	0.16	1.2	0.052	2.77	17.4	20.3	0.52	899	1.39	1.35	8.2	2.8	620
Q927499		3.11	17.15	0.18	1.2	0.050	2.78	20.0	20.7	0.51	857	1.83	1.44	8.6	2.9	610
Q927500		3.49	17.50	0.17	1.2	0.064	2.94	26.1	141.5	0.27	994	1.72	0.13	8.6	2.7	590
Q927501		2.85	14.85	0.18	1.1	0.149	2.88	20.9	139.5	0.72	1080	1.24	0.05	7.5	2.4	510
Q927502		0.47	0.31	0.19	<0.1	<0.005	0.03	0.7	1.6	12.60	199	0.15	0.01	0.2	1.1	190
Q927503		2.82	18.05	0.21	1.4	0.065	3.00	23.1	22.6	0.30	644	1.11	1.03	9.3	2.6	590
Q927504		2.80	17.65	0.20	1.3	0.076	2.88	23.4	13.6	0.53	637	1.23	2.20	8.7	2.8	580
Q927505		6.51	16.35	0.15	1.2	0.838	2.86	24.6	19.2	0.77	1780	9.30	0.13	6.8	12.7	540
Q927506		3.10	17.55	0.20	1.3	0.069	3.25	27.0	21.8	0.45	1080	1.72	1.05	9.1	3.0	640
Q927507		3.16	17.30	0.19	1.2	0.094	3.45	23.8	44.9	0.28	1770	1.91	0.37	8.3	2.9	600
Q927508		2.88	16.75	0.17	1.2	0.043	2.83	20.8	14.3	0.72	688	1.77	2.33	8.4	2.8	600
Q927509		3.63	16.60	0.18	1.1	0.134	3.10	23.1	22.4	0.63	2000	1.79	0.59	7.8	3.0	550
Q927510		2.98	16.50	0.16	1.2	0.051	2.81	19.4	11.4	0.66	747	1.35	2.05	8.3	2.8	580
Q927511		2.98	16.70	0.17	1.2	0.060	2.95	23.8	12.0	0.69	615	1.89	2.14	8.4	2.7	580
Q927512		3.02	16.50	0.15	1.2	0.053	2.92	20.3	11.9	0.66	613	1.78	2.12	8.4	2.8	570
Q927513		3.15	15.40	0.18	1.1	0.189	2.82	23.9	21.9	0.48	1060	1.54	0.70	7.6	2.4	540
Q927514		2.76	16.40	0.19	1.2	0.057	3.07	41.7	13.0	0.65	682	1.45	1.72	8.3	2.5	590
Q927515		4.99	16.85	0.17	1.3	0.271	2.85	19.6	12.1	0.82	1860	0.58	2.39	8.8	2.9	660
Q927516		3.28	17.00	0.16	1.2	0.109	3.50	20.6	22.8	0.56	1000	1.78	0.68	8.3	2.6	630
Q927517		8.74	14.10	0.14	0.9	1.595	2.50	16.4	16.0	0.66	2260	18.00	0.06	4.9	14.5	440
Q927518		5.34	18.50	0.14	1.2	0.239	3.55	21.3	16.4	0.82	1860	0.75	1.32	8.3	3.2	720
Q927519		2.91	16.35	0.17	1.3	0.100	3.46	17.4	30.3	0.55	1880	1.74	0.07	7.9	2.8	590
Q927520		3.45	9.00	0.11	0.6	0.154	1.71	11.8	43.1	0.72	6190	5.07	0.02	3.7	2.7	230
Q927521		0.47	0.30	0.28	<0.1	0.005	0.03	0.6	1.1	12.70	212	0.10	0.01	0.2	2.4	190
Q927522		2.86	16.05	0.24	1.1	0.048	2.82	22.5	11.3	0.76	821	1.33	2.23	7.8	2.8	600
Q927523		2.73	15.60	0.24	1.1	0.053	2.88	24.9	9.3	0.67	611	1.21	2.18	7.6	2.6	570
Q927524		2.65	15.25	0.17	1.0	0.091	3.15	21.0	18.9	0.74	1940	1.26	0.61	7.4	2.3	550
Q927525		2.91	14.80	0.19	1.1	0.091	3.15	24.9	29.4	0.59	1530	1.16	0.09	7.2	2.7	550
Q927526		3.68	17.35	0.19	1.2	0.317	4.05	23.1	16.3	0.97	3020	1.04	0.24	8.8	2.3	690
Q927527		2.74	15.65	0.21	1.3	0.053	3.06	24.8	10.2	0.72	679	1.62	2.10	7.9	2.5	580
Q927528		2.95	15.35	0.18	1.0	0.161	3.35	21.1	17.4	0.82	2110	1.63	0.79	7.9	2.6	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927493		20.0	138.0	<0.002	0.01	10.70	11.3	1	2.2	221	0.62	<0.05	14.5	0.255	1.42	3.6
Q927494		19.5	137.0	<0.002	0.02	15.40	11.5	1	2.0	159.5	0.66	<0.05	15.3	0.252	1.50	3.2
Q927495		20.0	114.5	<0.002	0.01	3.46	10.6	1	1.7	329	0.67	<0.05	13.8	0.262	1.28	2.5
Q927496		26.6	111.0	<0.002	0.01	2.74	11.0	1	1.8	381	0.69	<0.05	14.0	0.252	1.32	3.1
Q927497		66.6	106.5	<0.002	0.12	15.10	8.9	1	1.9	109.5	0.67	<0.05	10.1	0.244	1.85	3.0
Q927498		29.9	100.5	<0.002	0.02	10.15	10.2	1	1.8	261	0.64	<0.05	10.8	0.261	1.49	2.0
Q927499		29.6	110.5	<0.002	0.01	10.60	11.1	1	1.9	271	0.65	<0.05	12.6	0.267	1.45	2.2
Q927500		168.0	146.5	<0.002	0.19	43.5	11.4	1	1.9	117.5	0.66	<0.05	15.7	0.270	1.82	4.2
Q927501		14.2	127.0	<0.002	0.11	29.1	9.1	1	1.4	101.0	0.68	<0.05	12.4	0.213	2.25	3.0
Q927502		1.4	1.7	<0.002	<0.01	0.12	0.2	1	<0.2	49.6	<0.05	<0.05	0.4	<0.005	0.02	3.1
Q927503		25.1	126.0	<0.002	0.01	14.65	11.1	1	2.0	178.0	0.85	<0.05	14.2	0.258	1.50	2.6
Q927504		24.2	125.5	<0.002	0.01	6.06	10.7	1	1.9	331	0.75	<0.05	14.0	0.249	1.42	2.9
Q927505		1300	177.5	<0.002	4.76	66.2	10.1	2	8.4	103.0	0.57	1.29	12.6	0.210	2.77	5.6
Q927506		37.0	155.5	<0.002	0.15	15.20	12.2	1	3.0	200	0.80	<0.05	15.8	0.269	1.96	3.5
Q927507		54.4	176.5	<0.002	0.27	21.0	10.9	1	2.0	121.0	0.68	<0.05	13.7	0.249	2.61	4.1
Q927508		23.6	105.0	<0.002	0.01	1.57	10.2	1	1.7	381	0.69	<0.05	12.5	0.256	1.23	2.4
Q927509		28.1	132.5	<0.002	0.93	8.66	10.4	1	1.9	124.5	0.64	0.25	13.1	0.244	2.13	4.8
Q927510		31.7	102.0	<0.002	0.14	2.29	9.8	1	1.7	336	0.69	<0.05	11.8	0.250	1.29	2.6
Q927511		20.8	115.0	<0.002	0.20	2.22	10.2	1	1.7	350	0.70	<0.05	13.7	0.249	1.33	2.8
Q927512		20.8	110.5	<0.002	0.20	2.23	9.9	1	1.7	345	0.72	0.05	12.4	0.243	1.38	2.8
Q927513		43.8	134.0	<0.002	0.26	8.12	9.9	1	1.6	106.0	0.62	0.09	13.4	0.221	1.99	3.1
Q927514		19.2	125.0	<0.002	0.03	4.08	10.1	1	1.7	290	0.70	<0.05	19.9	0.246	1.52	3.6
Q927515		6.8	102.0	<0.002	0.53	7.59	11.1	1	2.0	214	0.84	0.06	13.7	0.258	2.61	5.0
Q927516		15.3	137.0	<0.002	0.15	12.40	10.4	1	1.6	151.0	0.70	<0.05	13.3	0.251	2.34	4.3
Q927517		1625	143.5	0.002	7.86	105.5	8.4	2	11.0	63.8	0.41	0.73	9.4	0.166	2.36	5.7
Q927518		12.3	127.0	<0.002	0.80	12.65	11.9	1	2.2	296	0.68	0.06	12.8	0.259	2.25	4.2
Q927519		20.7	142.5	<0.002	0.35	22.4	10.2	<1	1.7	75.2	0.67	<0.05	10.9	0.248	2.16	6.2
Q927520		631	118.0	<0.002	2.37	234	5.3	<1	1.9	84.8	0.29	<0.05	6.9	0.119	1.64	9.3
Q927521		2.9	1.5	<0.002	<0.01	0.16	0.2	<1	<0.2	51.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q927522		20.0	115.5	<0.002	0.07	2.64	10.3	1	1.7	386	0.62	<0.05	12.2	0.251	1.15	3.2
Q927523		20.1	125.0	<0.002	0.05	2.96	10.2	1	1.6	385	0.59	<0.05	13.2	0.247	1.18	2.9
Q927524		17.2	140.5	<0.002	0.20	10.55	9.7	1	1.7	142.0	0.59	<0.05	11.0	0.236	2.05	4.5
Q927525		22.2	148.0	<0.002	0.39	19.60	9.6	<1	1.7	85.7	0.61	<0.05	13.6	0.230	2.05	4.6
Q927526		12.5	148.5	<0.002	0.41	9.87	11.7	1	1.9	82.4	0.77	<0.05	12.7	0.264	3.04	8.7
Q927527		18.4	132.0	<0.002	0.02	2.25	9.9	<1	1.5	344	0.72	<0.05	13.6	0.241	1.29	4.1
Q927528		43.2	182.0	<0.002	0.31	6.68	10.0	1	1.8	146.5	0.69	<0.05	11.4	0.244	2.35	7.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927493		73	2.8	18.2	80	27.8
Q927494		71	2.9	18.3	81	28.7
Q927495		71	1.5	16.5	74	32.6
Q927496		71	1.2	17.5	72	32.9
Q927497		68	2.4	13.4	165	31.6
Q927498		75	2.4	14.8	99	31.5
Q927499		76	2.4	16.0	101	32.0
Q927500		74	5.2	15.1	1220	31.3
Q927501		62	2.0	14.5	134	28.4
Q927502		2	0.1	0.9	14	<0.5
Q927503		71	3.1	17.1	123	33.7
Q927504		65	1.7	17.2	62	31.8
Q927505		64	6.3	12.5	2340	31.2
Q927506		77	3.1	17.8	133	31.4
Q927507		70	3.6	15.0	199	30.7
Q927508		71	0.9	16.1	59	29.4
Q927509		68	4.4	15.3	57	28.4
Q927510		69	1.4	15.5	72	31.1
Q927511		67	1.5	15.8	54	29.6
Q927512		69	1.5	15.0	53	30.2
Q927513		60	3.5	14.0	50	28.3
Q927514		67	2.0	16.3	50	30.7
Q927515		66	13.7	13.5	64	34.1
Q927516		73	3.3	14.4	63	32.0
Q927517		56	8.3	9.1	3300	23.4
Q927518		63	10.4	16.3	75	33.0
Q927519		70	3.0	12.3	74	33.5
Q927520		34	3.4	8.2	1700	15.4
Q927521		2	0.1	0.8	19	0.5
Q927522		71	1.6	16.3	54	29.3
Q927523		67	1.6	16.4	49	29.5
Q927524		65	2.4	14.2	54	26.7
Q927525		63	4.0	14.2	55	26.9
Q927526		63	2.8	18.3	64	29.3
Q927527		65	1.6	16.2	46	31.3
Q927528		72	2.7	15.5	94	26.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113780

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113781

Project: klaza

P.O. No.: Batch 103

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14113781

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927529		5.75	<0.005	0.09	6.88	5.8	2150	1.63	0.33	2.38	0.14	42.0	6.5	12	13.10	8.7
Q927530		2.25	<0.005	0.17	7.34	23.5	2040	1.48	0.33	1.90	0.23	44.0	7.1	10	16.45	8.8
Q927531		5.09	0.159	2.33	6.78	799	1550	1.65	0.20	2.69	25.3	51.6	7.1	13	21.1	20.1
Q927532		2.47	<0.005	0.11	7.13	26.3	2440	1.47	0.16	1.41	0.37	66.1	5.0	17	9.83	9.9
Q927533		5.63	<0.005	0.02	0.12	0.9	320	0.09	0.03	20.8	0.06	1.98	0.7	1	0.22	3.0
Q927534		2.85	<0.005	0.13	7.33	23.4	1680	1.39	0.16	2.15	0.14	49.9	6.3	13	20.7	10.8
Q927535		2.23	0.015	0.49	7.02	46.8	1970	1.52	0.23	2.72	0.21	48.6	6.4	11	19.10	18.7
Q927536		3.72	<0.005	0.20	7.25	13.8	1970	1.52	0.21	2.62	0.13	43.1	7.9	15	18.80	19.4
Q927537		4.63	<0.005	0.10	6.62	7.9	2190	1.53	0.14	2.51	0.13	36.7	6.5	12	20.3	8.9
Q927538		1.07	<0.005	0.56	6.69	27.8	4230	1.86	0.71	2.11	0.39	40.2	6.5	13	28.9	19.3
Q927539		5.75	<0.005	0.13	6.80	18.9	1380	1.94	0.17	3.04	0.10	51.2	6.0	30	29.1	16.0
Q927540		4.75	<0.005	0.16	6.54	19.6	930	1.85	0.17	3.10	0.09	44.8	5.9	30	27.6	16.7
Q927541		5.81	<0.005	0.12	6.61	11.9	500	1.70	0.07	2.57	0.09	46.2	5.0	21	28.4	9.1
Q927542		6.54	<0.005	0.04	6.92	8.5	410	1.78	0.06	2.41	0.08	48.9	4.7	20	27.1	8.0
Q927543		6.37	<0.005	0.04	6.37	13.0	1010	1.72	0.09	2.94	0.07	41.7	5.1	30	29.8	7.9
Q927544		1.91	0.312	1.75	6.48	62.7	1980	1.67	0.86	2.31	1.29	38.3	6.1	12	30.9	43.2
Q927545		3.65	0.036	0.17	7.07	8.0	2500	1.45	0.51	2.24	0.09	40.3	6.0	15	26.0	13.3
Q927546		3.07	0.017	0.78	6.91	133.5	1670	1.52	0.24	2.54	1.18	45.5	12.0	11	19.10	10.4
Q927547		0.23	0.339	4.35	6.87	732	670	1.44	3.56	2.06	11.65	49.6	12.6	26	13.45	319
Q927548		2.81	<0.005	0.07	7.30	6.1	2270	1.62	0.17	2.57	0.13	47.2	6.2	14	11.10	12.7
Q927549		6.68	<0.005	0.09	6.43	10.8	1780	1.47	0.38	2.71	0.10	41.9	4.8	12	15.80	5.4
Q927550		5.64	<0.005	0.07	6.98	7.5	2050	1.60	0.20	2.46	0.13	46.7	5.6	16	13.70	10.4
Q927551		3.49	0.016	0.74	6.94	103.0	1950	1.61	0.23	2.30	0.59	46.3	6.3	20	25.3	49.6
Q927552		3.16	<0.005	0.08	7.30	11.9	2090	1.62	0.22	2.24	0.14	49.9	7.1	14	19.50	6.9
Q927553		4.81	<0.005	0.17	6.82	20.0	1370	1.56	0.18	2.21	0.18	42.4	6.8	15	23.8	11.5
Q927554		<0.02	<0.005	0.15	6.94	19.3	1370	1.38	0.16	2.17	0.20	44.2	6.5	17	23.2	13.3
Q927555		1.42	0.036	1.00	5.72	344	1760	1.55	0.09	3.88	1.09	41.6	7.3	10	20.5	7.0
Q927556		2.46	<0.005	0.07	7.47	7.4	2130	1.65	0.13	2.37	0.15	55.7	7.2	15	14.55	8.1
Q927557		4.15	0.016	0.25	6.75	27.6	1390	1.57	0.18	2.81	0.25	47.6	7.0	15	19.95	8.2
Q927558		5.66	<0.005	0.01	0.06	<0.2	80	0.05	0.03	21.2	0.06	1.06	0.7	1	0.17	1.2
Q927559		2.57	0.128	3.26	6.98	455	1150	1.42	0.71	2.87	1.92	48.0	7.1	14	19.70	74.0
Q927560		3.80	<0.005	0.10	6.93	13.6	1800	1.32	0.18	2.30	0.15	43.5	6.1	15	18.90	15.9
Q927561		3.58	<0.005	0.11	6.65	23.4	2560	1.46	0.20	2.54	0.19	44.1	8.2	14	24.0	8.5
Q927562		0.23	0.914	11.10	6.60	1565	350	1.49	12.20	1.86	35.0	44.7	18.0	19	13.70	283
Q927563		3.04	<0.005	0.10	7.09	12.5	2980	1.51	0.23	2.13	0.17	45.1	8.8	16	24.7	11.2
Q927564		3.06	<0.005	0.53	6.92	34.9	1630	1.72	0.18	2.76	2.07	48.8	6.6	14	24.3	8.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14113781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927529		2.76	16.75	0.14	1.3	0.040	2.85	18.4	12.5	0.65	737	1.17	2.10	8.1	2.5	570
Q927530		2.72	16.80	0.17	1.1	0.053	3.28	19.8	18.2	0.67	1010	1.26	0.91	7.9	2.6	590
Q927531		2.73	15.45	0.15	1.4	0.056	2.68	26.3	32.4	0.89	4260	2.47	0.03	7.2	2.7	500
Q927532		2.27	18.60	0.13	4.0	0.031	0.75	31.7	97.0	0.63	967	1.43	0.03	10.3	4.7	1020
Q927533		0.46	0.31	0.09	<0.1	<0.005	0.04	0.9	1.7	12.65	208	0.17	0.01	0.3	1.3	210
Q927534		2.81	16.65	0.16	1.5	0.067	3.66	22.6	29.2	0.76	1140	1.85	0.37	8.2	2.3	580
Q927535		2.97	15.70	0.15	1.3	0.076	3.28	23.7	24.7	0.91	1880	2.88	0.12	7.5	2.1	570
Q927536		3.37	16.65	0.16	1.5	0.075	2.85	17.7	12.2	0.83	1060	2.11	1.81	8.2	2.6	600
Q927537		2.76	16.00	0.15	1.4	0.036	2.69	14.2	22.6	0.62	705	1.46	1.83	7.7	2.5	560
Q927538		2.46	16.10	0.14	1.7	0.091	3.36	17.0	20.0	0.82	777	1.50	0.56	7.3	7.7	540
Q927539		2.15	19.40	0.16	4.3	0.032	2.96	23.8	75.3	0.91	475	1.22	0.27	9.0	20.6	640
Q927540		2.19	19.30	0.12	4.4	0.032	2.99	19.9	72.2	0.90	467	1.11	0.30	8.9	20.2	650
Q927541		1.97	18.05	0.16	2.8	0.030	2.22	21.3	63.4	0.82	500	0.99	0.04	8.5	11.3	730
Q927542		2.16	19.50	0.16	2.7	0.026	2.21	21.4	59.3	0.81	555	0.95	0.03	9.0	10.2	790
Q927543		2.07	19.00	0.16	4.0	0.024	2.83	17.8	50.4	0.88	460	1.25	0.72	8.8	18.5	680
Q927544		2.91	15.65	0.13	1.2	0.132	3.45	14.9	22.3	0.70	2200	3.83	0.85	7.3	5.7	540
Q927545		2.79	17.05	0.14	1.3	0.062	2.95	17.2	35.2	0.65	728	1.77	1.46	8.0	2.8	570
Q927546		2.88	16.60	0.13	1.1	0.104	3.62	20.2	31.3	0.71	2780	1.66	0.23	7.6	2.2	560
Q927547		5.09	15.25	0.18	1.1	0.334	2.97	27.7	24.8	0.79	2010	16.85	0.15	6.2	15.3	530
Q927548		2.78	15.05	0.17	1.0	0.058	2.95	23.7	7.5	0.71	637	1.86	2.17	7.4	2.1	560
Q927549		2.77	13.85	0.18	0.9	0.124	2.77	21.4	17.3	0.80	886	6.65	1.31	7.2	1.9	540
Q927550		2.79	15.15	0.21	1.0	0.071	2.74	23.9	11.5	0.72	638	1.92	2.15	7.6	2.1	560
Q927551		2.84	14.90	0.16	1.0	0.111	3.13	23.7	41.0	0.75	1900	1.66	0.23	7.6	2.1	580
Q927552		2.90	15.50	0.17	1.0	0.060	2.91	26.6	20.0	0.64	703	2.80	1.63	7.9	2.1	600
Q927553		2.70	15.40	0.18	1.0	0.053	2.63	22.1	165.5	0.71	949	1.85	0.39	8.0	2.0	560
Q927554		2.68	14.95	0.18	1.0	0.049	2.61	23.0	166.5	0.71	933	1.85	0.39	7.9	2.0	560
Q927555		3.11	11.65	0.17	0.8	0.033	2.52	23.0	48.8	1.28	3370	1.49	0.04	5.9	2.3	420
Q927556		2.83	16.15	0.18	1.2	0.047	2.92	28.8	24.4	0.74	728	1.73	2.08	8.3	1.9	590
Q927557		2.90	15.85	0.18	1.1	0.078	2.60	23.8	89.1	0.87	1740	1.41	0.49	7.8	2.0	570
Q927558		0.48	0.24	0.16	<0.1	0.010	0.02	0.5	1.0	13.00	224	0.08	0.01	0.1	1.2	170
Q927559		2.78	13.70	0.16	0.9	0.080	2.40	26.4	91.7	1.00	2250	20.3	0.03	6.9	2.0	520
Q927560		2.69	14.80	0.17	1.0	0.081	2.96	21.8	26.4	0.66	783	1.29	0.77	7.4	1.9	570
Q927561		2.72	14.70	0.16	1.0	0.058	2.79	22.0	64.3	0.71	950	1.34	0.99	7.5	1.9	560
Q927562		6.58	14.95	0.14	1.0	0.858	2.90	23.5	18.8	0.77	1860	9.45	0.13	6.6	11.8	550
Q927563		2.85	15.95	0.16	1.0	0.068	3.07	22.6	55.9	0.64	703	1.83	0.96	8.1	2.1	590
Q927564		2.72	14.95	0.17	1.0	0.072	2.77	26.4	99.4	0.84	1990	2.35	0.15	7.5	2.0	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14113781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927529		19.0	106.0	<0.002	0.04	2.99	9.3	1	1.8	349	0.64	<0.05	10.9	0.251	1.40	2.1
Q927530		16.4	138.5	<0.002	0.18	8.65	9.4	<1	2.1	209	0.60	<0.05	11.2	0.260	1.96	2.8
Q927531		253	149.5	<0.002	0.86	29.0	8.9	1	2.7	103.5	0.60	<0.05	12.8	0.213	2.62	7.6
Q927532		12.7	28.0	<0.002	0.07	40.4	4.9	<1	1.6	253	0.67	<0.05	9.0	0.311	0.46	4.1
Q927533		1.6	1.6	<0.002	0.01	0.10	0.2	<1	<0.2	56.3	<0.05	<0.05	0.2	0.006	<0.02	0.7
Q927534		15.1	154.5	<0.002	0.18	10.85	9.5	<1	1.9	150.0	0.72	<0.05	11.9	0.248	2.52	4.2
Q927535		19.4	155.5	<0.002	0.58	12.85	9.4	1	1.7	154.0	0.62	<0.05	12.2	0.237	2.50	5.3
Q927536		29.4	126.5	<0.002	0.09	5.66	12.5	<1	2.0	328	0.70	<0.05	10.5	0.282	1.72	3.6
Q927537		20.0	98.6	<0.002	0.03	2.68	9.3	<1	1.7	367	0.62	<0.05	9.9	0.242	1.30	2.9
Q927538		22.4	147.0	<0.002	0.16	12.85	7.7	<1	2.5	276	0.57	<0.05	10.2	0.231	2.33	8.1
Q927539		20.5	96.8	<0.002	0.03	9.87	5.5	<1	1.8	399	0.68	<0.05	9.3	0.258	1.59	4.3
Q927540		19.6	83.0	<0.002	0.01	7.99	5.2	<1	1.9	404	0.70	<0.05	8.5	0.259	1.58	4.5
Q927541		15.3	67.9	<0.002	0.01	11.50	5.2	<1	1.5	350	0.62	<0.05	8.0	0.260	0.94	2.7
Q927542		13.5	65.8	<0.002	0.01	14.20	5.6	1	1.6	256	0.67	<0.05	8.0	0.276	0.96	2.1
Q927543		15.9	74.5	<0.002	0.02	7.09	5.1	<1	1.6	483	0.68	<0.05	7.7	0.264	1.38	4.0
Q927544		143.5	146.5	<0.002	0.35	10.30	8.7	1	3.3	352	0.57	<0.05	10.5	0.229	2.21	9.0
Q927545		17.3	110.0	<0.002	0.03	4.32	9.4	1	1.7	348	0.62	<0.05	11.0	0.250	1.46	3.1
Q927546		50.4	146.5	<0.002	0.60	13.10	9.3	<1	1.9	152.5	0.58	<0.05	11.6	0.243	2.78	9.5
Q927547		496	166.0	0.006	2.76	27.1	10.1	1	5.9	105.5	0.50	0.32	11.1	0.215	2.50	5.3
Q927548		16.5	115.0	<0.002	0.03	2.40	11.1	1	1.6	365	0.57	<0.05	11.8	0.246	1.32	4.2
Q927549		12.1	113.5	<0.002	0.06	4.39	10.2	<1	1.6	231	0.53	<0.05	9.9	0.234	1.70	5.0
Q927550		16.5	115.5	<0.002	0.01	3.09	11.1	1	1.6	357	0.59	<0.05	11.8	0.246	1.25	4.3
Q927551		32.1	149.5	<0.002	0.37	23.3	11.7	1	1.8	132.5	0.57	<0.05	11.4	0.257	2.50	5.6
Q927552		17.1	127.0	<0.002	0.04	6.44	11.3	1	1.8	293	0.63	<0.05	14.3	0.250	1.46	4.8
Q927553		18.6	107.5	<0.002	0.11	16.90	10.9	1	1.8	162.5	0.62	<0.05	11.2	0.245	1.69	4.4
Q927554		18.1	106.5	<0.002	0.11	16.65	10.3	<1	2.1	161.0	0.63	<0.05	10.9	0.239	1.63	4.1
Q927555		49.4	131.5	<0.002	1.13	31.0	8.2	1	1.7	109.0	0.48	<0.05	9.7	0.186	2.16	9.1
Q927556		16.3	118.5	<0.002	0.04	3.44	11.9	1	1.7	344	0.71	<0.05	15.0	0.258	1.24	5.4
Q927557		22.3	105.5	<0.002	0.24	13.90	11.0	<1	1.8	171.0	0.63	<0.05	12.0	0.234	1.95	5.1
Q927558		1.3	1.0	<0.002	0.01	0.09	0.2	<1	<0.2	46.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q927559		144.5	136.0	<0.002	0.73	56.8	9.3	1	2.0	105.0	0.55	0.26	11.8	0.221	2.12	7.2
Q927560		15.3	111.0	<0.002	0.09	13.60	10.1	<1	1.9	177.5	0.57	<0.05	10.9	0.246	1.62	5.0
Q927561		15.4	119.5	<0.002	0.14	12.10	10.6	<1	1.9	231	0.59	<0.05	12.6	0.240	1.95	4.2
Q927562		1315	164.0	0.002	4.74	66.4	10.0	1	8.3	92.2	0.51	0.96	10.1	0.211	2.53	5.2
Q927563		16.3	124.5	<0.002	0.11	11.15	11.3	<1	1.8	245	0.61	<0.05	12.6	0.254	1.81	3.4
Q927564		68.6	131.5	<0.002	0.22	17.60	10.5	1	1.6	171.5	0.60	<0.05	13.1	0.235	2.35	8.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14113781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927529		69	3.9	13.5	53	30.0
Q927530		70	4.0	13.1	60	27.3
Q927531		59	3.9	13.9	1440	34.6
Q927532		48	5.1	10.0	98	154.0
Q927533		3	0.3	1.0	15	1.4
Q927534		67	3.1	14.3	54	33.8
Q927535		65	4.2	14.7	57	30.9
Q927536		89	3.8	16.0	63	33.9
Q927537		68	3.0	13.2	57	31.2
Q927538		61	3.2	12.2	73	51.0
Q927539		49	1.5	10.7	57	160.5
Q927540		51	1.4	9.8	57	158.5
Q927541		50	2.0	10.0	59	89.1
Q927542		52	2.1	10.8	63	84.0
Q927543		51	1.1	9.0	53	148.5
Q927544		61	3.4	11.9	173	31.4
Q927545		66	2.9	13.6	48	31.9
Q927546		67	4.1	13.5	124	27.9
Q927547		69	5.4	10.9	905	32.8
Q927548		69	2.2	15.9	50	28.9
Q927549		65	1.9	12.8	55	24.0
Q927550		69	1.9	16.0	47	26.9
Q927551		72	3.6	15.2	86	24.9
Q927552		70	3.2	16.7	55	29.4
Q927553		69	3.3	15.5	56	29.5
Q927554		69	3.2	14.8	55	27.0
Q927555		53	3.2	14.5	105	20.8
Q927556		72	1.1	18.7	52	31.8
Q927557		68	2.3	16.1	80	29.7
Q927558		3	0.1	0.7	17	<0.5
Q927559		61	3.6	13.3	352	26.0
Q927560		69	1.8	13.4	53	26.1
Q927561		66	2.3	14.8	59	26.5
Q927562		65	5.8	10.6	2420	33.7
Q927563		70	2.5	15.1	56	28.4
Q927564		67	2.3	15.5	180	27.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14113781

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113782

Project: Klaza

P.O. No.: Batch T1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

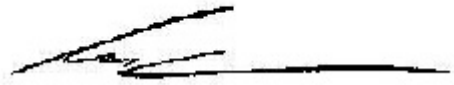
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113782

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M635751		2.76	0.041	0.56	7.78	43.6	2240	1.55	0.83	1.21	5.48	51.2	7.9	9	17.30	43.2
M635752		2.70	0.144	9.83	7.71	155.0	1870	0.97	32.7	0.19	0.98	38.7	1.5	6	24.9	20.3
M635753		7.14	0.049	0.69	7.71	113.0	2200	1.80	2.17	0.65	19.65	59.7	9.8	7	13.70	87.9
M635754		5.36	0.535	12.45	7.13	198.5	1450	1.20	39.6	0.08	2.11	52.8	0.7	7	11.65	11.8
M635755		4.44	0.150	5.77	7.28	552	1430	1.24	9.48	0.17	2.65	36.2	1.9	6	21.3	76.1
M635756		2.48	0.266	24.8	7.26	460	1170	1.12	27.4	0.07	0.85	54.1	0.4	8	6.92	20.5
M635757		4.01	0.190	6.44	7.16	566	3100	1.31	8.40	0.09	8.87	45.1	0.6	7	14.45	30.2
M635758		7.75	0.048	1.93	8.07	117.0	1960	1.74	2.85	0.69	31.9	43.7	8.2	8	22.3	116.5
M635759		2.94	0.291	3.93	7.42	639	1120	1.51	4.54	0.15	18.00	51.2	1.2	7	19.50	157.0
M635760		2.96	1.085	11.25	6.65	515	2270	1.02	15.65	0.08	2.92	49.9	0.5	10	10.75	26.3
M635761		1.22	1.690	21.4	7.14	1655	970	1.21	8.40	0.25	10.40	56.9	1.3	15	21.6	79.2
M635762		7.31	0.028	0.67	7.63	78.8	1840	2.26	0.42	1.10	58.3	57.2	10.8	18	19.30	26.3
M635763		3.78	2.75	27.0	6.39	1805	1100	0.96	8.61	0.22	4.45	51.8	1.5	14	14.55	91.8
M635764		2.62	0.164	5.33	7.80	342	1870	1.08	2.84	0.07	0.90	39.6	0.4	9	8.26	5.0
M635765		5.24	0.341	9.29	6.91	633	890	1.15	1.44	0.19	2.75	48.2	0.6	7	21.1	65.8
M635766		5.80	0.025	0.62	6.29	92.2	1960	2.36	0.36	1.78	25.7	35.1	7.0	18	21.8	46.7
Q934488		0.26	1.720	38.3	5.32	2310	410	1.25	38.0	1.56	43.6	35.9	16.9	21	10.30	1160
Q934489		5.76	<0.005	0.10	0.07	6.0	20	0.06	0.17	19.55	0.12	1.26	0.7	1	0.19	2.2
Q934490		<0.02	0.023	0.61	7.62	93.4	2080	2.24	0.32	1.83	26.6	48.6	6.5	13	20.0	47.5
Q934491		<0.02	0.008	1.14	5.66	56.3	1090	1.46	1.15	2.46	2.23	33.6	6.9	6	20.5	2.1
Q925801		2.95	0.011	0.29	7.72	23.9	1970	1.60	0.36	0.79	1.06	68.5	2.3	7	8.18	4.4
Q925802		3.01	0.021	0.53	8.49	50.9	1280	1.92	0.40	0.28	1.10	87.4	10.1	6	15.50	8.4
Q925803		3.04	0.291	2.66	5.91	729	2580	1.54	0.94	1.33	2.95	74.7	16.3	7	16.20	16.0
Q925804		4.92	<0.005	0.02	0.06	0.9	30	0.07	0.04	20.0	0.10	1.25	0.7	1	0.18	1.0
Q925805		2.18	0.020	0.77	7.61	52.9	1080	1.66	0.39	0.67	3.40	80.6	17.6	8	9.63	31.5
Q925806		5.35	<0.005	0.17	7.52	16.5	2150	1.56	0.26	0.84	0.97	60.4	3.3	7	9.55	4.1
Q925807		4.12	0.009	0.29	7.78	26.0	2780	1.90	0.57	0.34	0.66	47.5	7.7	7	29.8	4.4
Q925808		3.25	0.005	0.13	7.77	12.3	3660	1.41	0.29	0.64	0.33	60.9	3.9	7	9.97	2.4
Q925809		2.58	0.050	0.42	7.77	338	2640	1.77	0.36	0.49	3.26	58.1	5.0	7	16.35	6.8
Q925810		5.97	0.068	0.50	7.84	33.6	1430	1.90	0.49	0.25	3.75	70.3	13.8	6	33.1	5.0
Q926882		2.69	0.080	4.38	6.43	193.0	1430	1.68	2.96	0.17	9.82	51.6	9.3	6	17.80	22.8
Q926883		3.26	0.103	3.72	6.74	195.5	1220	1.88	3.11	0.14	7.30	50.9	7.5	6	22.3	17.4
Q926884		3.76	<0.005	1.16	6.11	37.0	1590	1.62	0.33	1.74	8.10	33.3	7.6	6	23.8	4.0
Q926885		0.22	0.856	12.15	6.63	1545	1310	1.53	13.40	1.91	32.8	50.7	18.6	19	14.65	299
Q926886		5.00	<0.005	0.60	7.62	21.1	700	1.82	1.37	0.96	2.36	57.7	7.3	6	25.8	2.8
Q926887		3.82	0.007	1.03	6.18	55.1	1100	1.58	1.16	2.51	2.28	50.1	6.5	6	21.0	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M635751		3.44	17.25	0.10	1.3	0.076	2.85	26.3	8.7	0.30	1160	1.25	1.71	8.7	3.3	650
M635752		3.83	15.45	0.07	1.2	0.221	3.14	23.3	13.4	0.22	111	1.26	0.19	8.0	0.9	360
M635753		4.46	16.90	0.12	1.2	0.301	3.30	32.3	9.1	0.35	1570	1.69	0.96	8.4	3.1	630
M635754		2.45	17.10	0.10	1.2	0.309	3.42	29.1	11.4	0.28	159	1.57	0.05	8.1	0.9	350
M635755		4.79	18.05	0.10	1.0	0.904	2.94	19.4	18.3	0.23	149	2.38	0.04	8.1	1.7	560
M635756		2.45	16.55	0.10	1.0	1.165	3.77	31.2	7.6	0.31	155	1.81	0.06	8.1	0.7	330
M635757		3.39	17.10	0.09	0.9	0.426	3.37	25.5	8.5	0.29	158	2.55	0.04	7.3	0.8	360
M635758		3.44	17.35	0.09	1.1	0.204	3.15	22.4	20.7	0.20	2570	2.78	0.39	8.4	3.8	650
M635759		5.59	16.65	0.10	1.0	0.805	3.29	28.0	8.9	0.30	309	3.69	0.05	7.3	1.5	690
M635760		2.98	15.85	0.15	1.5	1.425	3.26	27.1	9.9	0.24	158	3.80	0.05	9.0	1.3	330
M635761		7.42	17.80	0.15	2.9	4.93	2.65	32.1	40.8	0.22	154	4.61	0.09	9.0	1.8	820
M635762		3.07	19.80	0.19	3.7	0.213	3.09	28.6	54.6	0.29	2270	1.54	0.11	10.6	7.3	1070
M635763		6.31	16.70	0.16	2.6	6.41	2.67	28.1	16.8	0.21	228	4.21	0.05	8.1	2.7	760
M635764		1.71	16.00	0.16	1.2	0.405	3.67	20.5	5.7	0.29	108	1.23	0.07	6.9	0.7	180
M635765		4.75	16.15	0.14	1.2	0.753	3.09	27.7	9.0	0.29	160	1.54	0.03	7.5	0.8	420
M635766		2.93	19.35	0.17	3.5	0.129	2.97	15.9	19.6	0.23	975	1.49	0.06	10.7	6.9	980
Q934488		8.31	14.20	0.16	0.9	1.565	2.39	18.3	16.1	0.63	2110	17.55	0.06	4.9	14.4	410
Q934489		0.46	0.21	0.09	<0.1	0.012	0.03	0.6	1.1	12.20	185	0.11	<0.01	0.2	<0.2	180
Q934490		3.05	19.10	0.26	3.5	0.122	3.16	24.0	17.5	0.26	997	1.50	0.06	10.0	6.7	1120
Q934491		3.38	16.15	0.15	1.4	0.068	3.08	15.1	13.1	0.26	3390	0.86	0.02	7.7	2.3	500
Q925801		2.41	17.50	0.18	1.2	0.185	2.47	39.3	22.7	0.22	1720	0.76	1.07	8.0	3.7	590
Q925802		2.68	18.45	0.18	1.3	0.349	3.72	49.3	24.6	0.27	2630	1.02	0.07	8.5	3.7	790
Q925803		3.24	13.05	0.16	1.0	0.293	2.46	44.1	36.0	0.42	3430	1.62	0.06	5.8	3.3	420
Q925804		0.47	0.21	0.18	<0.1	<0.005	0.03	0.6	1.1	12.45	220	0.10	<0.01	0.1	<0.2	150
Q925805		3.45	16.95	0.23	1.5	0.424	3.12	46.2	28.0	0.24	2030	0.61	0.06	8.3	3.4	590
Q925806		2.63	17.45	0.20	1.4	0.129	3.02	34.5	16.3	0.31	965	0.76	1.42	8.4	2.8	550
Q925807		2.91	18.35	0.16	1.1	0.102	2.75	25.3	28.3	0.29	838	0.60	0.92	7.9	2.6	580
Q925808		2.84	17.45	0.19	1.2	0.075	2.87	33.6	19.7	0.41	750	0.48	1.52	8.1	2.3	620
Q925809		4.23	17.15	0.19	1.5	0.239	3.65	32.3	15.8	0.26	4250	1.48	0.42	7.6	2.6	580
Q925810		4.42	16.20	0.15	1.4	0.275	2.53	41.1	26.1	0.24	1470	1.11	0.91	7.4	2.6	580
Q926882		5.63	16.70	0.18	1.3	0.427	3.03	33.4	14.9	0.22	13400	2.22	0.05	6.7	2.6	430
Q926883		5.60	18.35	0.16	1.4	0.153	3.07	29.5	15.5	0.23	7720	2.05	0.04	6.6	2.7	480
Q926884		3.76	15.60	0.14	1.5	0.138	3.17	15.3	16.3	0.23	7990	2.66	0.02	7.5	2.9	490
Q926885		6.58	16.20	0.19	1.2	0.858	2.89	27.2	20.4	0.78	1860	9.47	0.13	6.8	12.8	530
Q926886		2.81	18.30	0.19	1.5	0.074	3.25	32.1	27.0	0.25	2370	1.63	0.03	8.9	2.8	600
Q926887		3.56	15.45	0.15	1.4	0.069	3.15	28.2	14.4	0.24	3550	0.87	0.02	7.5	2.5	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
M635751		31.7	128.5	<0.002	0.04	4.65	11.8	1	1.8	271	0.67	0.05	12.6	0.270	1.44	3.3
M635752		325	151.5	<0.002	0.75	9.12	7.2	1	2.6	76.9	0.67	1.41	12.3	0.251	2.09	1.8
M635753		38.6	178.5	<0.002	0.15	4.31	11.8	1	3.2	149.0	0.70	0.18	16.1	0.243	2.15	4.5
M635754		414	190.0	<0.002	0.36	13.30	10.1	1	8.5	81.5	0.74	1.54	12.8	0.232	3.06	2.1
M635755		550	170.5	<0.002	0.26	31.4	10.6	1	6.5	74.2	0.62	1.81	13.0	0.239	2.80	3.1
M635756		1965	210	<0.002	0.66	34.4	10.3	1	8.4	44.1	0.58	0.47	8.7	0.265	3.06	1.3
M635757		625	202	<0.002	0.32	15.85	10.6	1	7.6	72.6	0.56	0.79	10.9	0.225	3.02	2.6
M635758		105.5	160.5	<0.002	0.23	18.15	11.3	1	3.1	55.7	0.67	0.28	14.0	0.258	2.46	4.1
M635759		349	188.5	<0.002	0.20	39.8	10.8	1	4.5	53.1	0.59	0.22	15.0	0.226	3.12	3.8
M635760		1150	162.5	<0.002	0.74	36.1	9.9	1	10.7	125.0	0.72	1.75	13.3	0.271	2.95	2.0
M635761		3090	145.5	<0.002	0.75	31.6	6.4	2	6.9	250	0.65	0.54	12.3	0.267	2.91	4.6
M635762		77.7	173.5	<0.002	0.05	11.00	7.9	1	1.5	111.0	0.74	0.05	10.2	0.293	3.67	4.9
M635763		4440	144.0	<0.002	1.49	30.2	9.1	2	7.0	115.5	0.58	1.20	13.2	0.245	2.89	3.3
M635764		352	210	<0.002	0.34	15.85	10.9	1	5.5	33.4	0.55	0.20	8.2	0.234	2.82	1.1
M635765		1190	221	<0.002	1.00	29.2	9.7	<1	3.1	65.9	0.58	0.21	14.1	0.244	3.21	1.7
M635766		74.2	135.5	<0.002	0.06	6.76	6.4	1	1.5	88.1	0.73	<0.05	7.0	0.284	3.12	3.9
Q934488		1560	145.5	0.002	7.26	101.5	8.4	2	10.7	60.0	0.40	0.75	9.5	0.159	2.31	5.7
Q934489		10.8	1.6	<0.002	0.02	0.39	0.2	1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q934490		70.4	135.0	<0.002	0.06	6.25	6.6	<1	1.5	91.3	0.68	<0.05	7.9	0.296	2.65	3.5
Q934491		271	164.0	<0.002	0.04	16.10	8.4	1	2.4	61.2	0.61	<0.05	9.1	0.230	2.73	5.2
Q925801		19.8	146.0	<0.002	0.07	8.37	11.0	1	2.3	131.0	0.62	<0.05	14.5	0.239	2.32	2.9
Q925802		60.5	221	<0.002	0.03	12.85	10.9	1	3.3	51.5	0.68	<0.05	16.3	0.250	3.61	3.0
Q925803		266	156.5	<0.002	0.19	40.4	8.7	1	3.1	79.6	0.46	0.11	11.2	0.178	2.43	3.4
Q925804		2.9	1.5	<0.002	<0.01	0.17	0.2	1	<0.2	43.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q925805		192.5	194.5	<0.002	0.14	17.75	11.8	1	2.5	42.9	0.69	<0.05	18.1	0.236	3.05	4.2
Q925806		18.3	151.0	<0.002	0.02	7.03	11.4	1	1.9	185.0	0.67	<0.05	16.8	0.229	1.86	2.8
Q925807		26.0	120.5	<0.002	0.02	11.80	11.9	1	1.8	100.0	0.67	<0.05	14.0	0.229	1.49	2.7
Q925808		14.2	118.0	<0.002	0.02	7.43	11.0	<1	1.8	131.5	0.69	<0.05	15.3	0.249	1.28	2.6
Q925809		32.7	208	<0.002	0.30	13.45	11.0	1	2.1	71.6	0.63	<0.05	16.8	0.225	3.14	4.5
Q925810		137.5	153.0	<0.002	0.12	10.05	11.0	1	2.8	63.3	0.60	0.11	17.6	0.228	2.34	4.2
Q926882		878	168.0	<0.002	0.10	31.4	10.3	1	2.2	83.5	0.57	<0.05	13.8	0.205	2.61	6.4
Q926883		727	161.0	<0.002	0.03	35.9	9.8	1	2.1	52.1	0.56	0.05	13.4	0.201	2.36	6.5
Q926884		195.5	169.0	<0.002	0.03	15.90	8.9	1	2.1	96.8	0.61	<0.05	9.3	0.229	3.17	5.6
Q926885		1330	175.0	<0.002	4.68	66.9	10.0	2	8.4	98.7	0.57	1.07	12.9	0.217	2.78	5.8
Q926886		58.7	208	<0.002	0.01	13.55	12.6	1	2.2	91.2	0.73	<0.05	17.2	0.251	2.84	4.8
Q926887		260	185.0	<0.002	0.04	14.95	10.7	1	2.2	61.6	0.61	<0.05	14.6	0.239	2.62	6.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
M635751		78	3.1	21.6	476	35.9
M635752		61	4.3	4.8	173	35.0
M635753		70	3.0	23.6	1150	31.5
M635754		65	8.7	4.8	139	28.1
M635755		75	4.5	6.9	684	23.6
M635756		69	7.6	4.7	102	24.6
M635757		68	4.7	5.9	555	23.9
M635758		74	2.7	19.4	1700	26.6
M635759		71	6.0	5.9	1470	25.0
M635760		65	8.6	4.8	213	43.8
M635761		67	3.2	8.6	1300	106.0
M635762		66	1.5	16.5	2800	139.0
M635763		63	5.6	6.7	804	96.9
M635764		70	10.2	3.6	71	29.5
M635765		67	5.3	4.9	467	31.1
M635766		64	3.4	9.8	1440	136.5
Q934488		53	7.6	9.1	3120	24.1
Q934489		2	0.1	0.8	20	0.5
Q934490		66	3.4	12.5	1430	136.0
Q934491		66	3.7	12.3	356	38.8
Q925801		67	3.2	18.5	93	29.9
Q925802		69	5.7	17.0	120	35.0
Q925803		51	8.2	15.1	379	24.9
Q925804		2	0.1	0.8	16	0.5
Q925805		65	5.9	17.2	387	33.1
Q925806		63	2.1	17.4	100	34.7
Q925807		70	2.6	16.8	112	29.5
Q925808		69	2.3	18.2	94	28.4
Q925809		68	4.0	18.1	283	40.6
Q925810		71	10.6	15.7	340	37.4
Q926882		65	4.0	22.1	1410	37.6
Q926883		75	3.6	14.4	1310	39.7
Q926884		64	4.5	12.7	988	39.7
Q926885		64	6.3	12.4	2430	30.9
Q926886		69	3.0	16.6	334	36.9
Q926887		67	3.5	17.7	365	34.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113782

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113783

Project: Klaza

P.O. No.: Batch T9

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

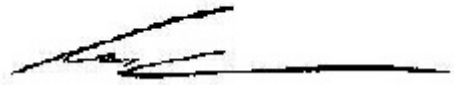
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113783

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926881		3.43	0.052	1.02	8.24	56.0	2190	1.46	2.67	0.09	0.51	71.5	4.5	8	12.25	90.8
Q926888		4.96	0.056	0.85	7.00	17.9	770	1.55	1.18	1.48	2.92	42.6	5.6	8	20.3	3.2
Q926889		5.24	0.005	1.64	5.92	29.2	700	1.74	0.59	1.52	8.78	28.8	6.8	8	38.3	6.8
Q926890		2.92	0.029	3.04	6.78	184.5	780	1.74	2.84	0.42	10.05	54.9	8.9	8	32.3	12.6
Q926891		4.28	0.008	4.21	6.38	67.5	540	1.48	0.36	0.35	28.9	45.9	8.3	9	22.9	5.8
Q926892		5.42	0.008	1.53	6.73	67.2	700	1.60	0.78	0.36	9.09	53.3	10.8	8	28.9	7.8
Q926893		4.75	0.026	2.73	6.91	164.5	720	2.24	1.73	0.18	22.9	57.1	6.1	8	43.2	5.4
Q926894		3.56	0.005	1.13	6.57	43.6	1330	1.62	0.47	0.24	6.15	52.7	6.6	9	22.6	18.3
Q926895		0.21	0.863	12.00	5.93	1385	1130	1.42	12.35	1.68	29.9	46.7	16.9	17	13.60	262
Q926896		5.12	<0.005	1.94	6.90	45.9	1880	1.70	0.33	0.26	11.10	46.3	4.7	9	20.5	24.4
Q926897		3.23	<0.005	1.19	7.30	24.4	2150	1.54	1.28	0.64	7.00	49.7	6.6	9	14.55	9.1
Q926898		4.60	<0.005	0.17	7.58	9.5	2300	1.83	0.30	1.68	1.00	51.8	7.2	9	12.70	6.3
Q926899		3.31	<0.005	0.21	7.57	10.4	2340	1.64	0.48	1.38	0.30	48.7	8.2	10	12.05	12.0
Q926900		4.06	<0.005	0.26	7.58	39.9	2350	1.54	0.84	0.58	0.41	53.0	7.0	9	13.20	9.2
Q934492		<0.02	<0.005	0.18	7.45	10.9	2300	1.70	0.52	1.39	0.27	49.7	8.3	10	11.75	12.5
Q934401		3.41	0.005	0.21	8.02	11.1	2220	1.40	0.28	0.55	0.24	52.3	7.5	11	17.55	10.0
Q934402		3.95	<0.005	0.19	8.30	14.4	2290	1.49	0.35	0.80	0.34	56.7	7.8	10	16.45	11.0
Q934403		4.34	<0.005	0.13	8.30	9.5	2250	1.68	1.56	0.69	0.12	55.8	7.3	7	20.7	18.9
Q934404		3.07	<0.005	0.11	8.63	14.0	1450	1.59	0.28	0.27	0.15	71.9	8.4	14	11.85	12.8
Q934405		3.76	<0.005	0.17	8.65	21.7	1650	1.77	2.25	0.33	0.14	56.7	7.3	9	15.50	14.2
Q934406		3.59	<0.005	0.18	8.28	10.5	1300	1.72	1.79	0.24	0.12	58.1	7.6	12	12.40	12.3
Q934407		5.46	<0.005	0.05	8.21	13.1	1580	1.73	0.29	0.32	0.13	73.6	8.3	13	15.60	10.5
Q934408		5.56	<0.005	0.01	0.07	<0.2	30	0.07	0.02	20.2	0.05	1.10	0.7	1	0.17	2.2
Q934409		3.00	<0.005	0.17	8.07	9.9	1220	1.85	3.18	0.29	0.13	52.4	6.6	9	10.85	11.2
Q934410		3.76	<0.005	0.26	7.87	13.1	1580	1.62	3.32	0.25	0.17	58.9	11.6	11	8.93	29.8
Q934411		3.42	<0.005	0.20	8.19	15.0	1470	2.30	4.32	0.88	0.13	53.7	12.2	8	17.10	26.0
Q934412		3.13	<0.005	0.22	7.79	9.7	2450	1.69	3.57	0.46	0.13	54.7	8.5	9	8.77	10.2
Q934413		4.49	<0.005	0.17	7.84	11.2	1010	1.85	1.99	0.26	0.11	62.5	7.3	7	19.50	11.4
Q934414		3.35	<0.005	0.20	7.79	9.1	1810	1.76	2.17	0.39	0.10	56.4	8.5	9	10.45	15.3
Q934415		4.19	<0.005	0.26	7.93	9.5	1230	1.80	1.96	0.36	0.07	57.9	9.2	7	12.45	12.8
Q934416		3.61	<0.005	0.18	7.69	7.5	2480	1.66	4.08	1.16	0.08	51.7	8.3	9	7.11	15.0
Q934417		3.66	<0.005	0.14	7.59	7.7	2410	1.58	1.68	1.36	0.09	51.4	8.5	8	7.72	15.5
Q934418		3.43	<0.005	0.17	7.26	9.0	2130	1.69	3.71	0.72	0.11	47.9	9.7	8	9.22	24.5
Q934419		3.20	<0.005	0.14	7.72	7.8	2180	1.80	2.41	0.57	0.14	45.8	8.6	8	6.61	21.3
Q934420		3.58	<0.005	0.32	7.72	12.4	1970	2.22	3.82	0.31	0.26	75.2	9.2	8	21.3	13.4
Q934421		4.40	<0.005	0.17	7.55	8.5	1820	1.90	1.20	0.34	0.17	38.9	7.3	8	6.92	10.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926881		2.83	19.40	0.17	1.2	0.186	3.09	46.8	29.3	0.19	178	2.01	0.18	8.9	2.3	640
Q926888		3.24	16.10	0.15	1.6	0.099	3.38	22.0	12.5	0.24	3370	1.09	0.03	8.5	2.5	570
Q926889		4.77	16.15	0.14	1.4	0.174	3.07	13.2	10.2	0.33	10800	1.11	0.03	7.3	3.2	480
Q926890		5.82	16.75	0.18	1.4	0.335	2.96	31.0	13.3	0.23	5940	2.29	0.02	7.3	3.0	520
Q926891		5.70	16.00	0.17	1.3	0.220	2.90	24.6	11.5	0.24	16200	1.87	0.02	7.0	2.9	480
Q926892		4.40	17.50	0.17	1.5	0.167	3.02	29.0	10.7	0.25	17700	1.21	0.02	7.4	3.6	490
Q926893		4.24	15.90	0.18	1.5	0.162	2.86	31.7	19.3	0.22	6610	1.66	0.02	7.8	1.9	530
Q926894		3.49	15.90	0.19	1.5	0.183	3.12	29.2	11.4	0.20	12250	1.47	0.03	8.2	2.5	510
Q926895		5.74	15.00	0.16	1.0	0.775	2.52	25.5	18.7	0.68	1620	8.47	0.11	6.3	11.5	460
Q926896		4.17	15.85	0.14	1.5	0.175	3.20	26.9	8.6	0.22	15800	2.37	0.03	7.4	2.0	550
Q926897		3.09	16.35	0.13	1.4	0.050	3.14	29.2	18.5	0.22	7390	1.56	0.52	7.5	2.5	590
Q926898		2.92	17.75	0.19	1.7	0.046	2.70	26.8	14.4	0.50	1620	1.01	1.96	8.3	2.6	590
Q926899		3.32	17.20	0.16	1.5	0.046	2.62	25.6	14.5	0.51	833	1.52	1.73	7.6	2.9	650
Q926900		2.88	17.10	0.19	1.6	0.040	2.80	28.8	18.5	0.32	1120	1.11	1.18	8.1	3.1	590
Q934492		3.27	17.35	0.19	1.4	0.048	2.60	25.9	14.3	0.51	768	1.46	1.77	7.6	3.0	660
Q934401		2.97	17.95	0.19	1.6	0.043	2.81	23.5	25.7	0.39	744	1.14	0.94	8.1	3.5	600
Q934402		3.36	17.95	0.13	1.9	0.053	3.12	29.7	18.3	0.40	1250	1.25	1.27	8.7	3.7	650
Q934403		3.01	17.15	0.15	1.6	0.060	2.96	27.8	22.5	0.20	543	1.35	2.14	8.1	3.3	690
Q934404		2.95	20.9	0.17	3.7	0.033	2.56	41.5	55.8	0.12	1120	2.14	1.32	10.5	5.8	910
Q934405		2.97	18.75	0.17	1.7	0.047	3.05	35.0	17.4	0.16	357	1.29	1.52	8.6	3.6	670
Q934406		3.22	17.85	0.15	1.5	0.041	2.88	32.6	15.5	0.19	625	1.80	1.62	8.1	3.3	700
Q934407		2.09	21.8	0.14	4.0	0.039	1.94	42.5	46.9	0.23	1780	1.31	0.06	11.0	4.1	900
Q934408		0.44	0.24	0.11	<0.1	0.006	0.03	0.6	1.1	12.45	202	0.13	0.01	0.2	1.2	190
Q934409		3.30	17.55	0.20	1.5	0.038	2.76	31.5	17.1	0.18	247	1.33	1.37	8.0	3.0	700
Q934410		3.24	17.10	0.21	1.5	0.039	2.49	33.2	22.2	0.17	1520	2.68	1.01	8.0	3.2	650
Q934411		3.60	23.6	0.19	1.5	0.069	1.91	28.2	32.3	0.44	854	2.98	2.25	7.9	2.8	640
Q934412		2.96	16.75	0.16	1.9	0.041	2.94	22.2	18.6	0.31	967	1.78	2.14	8.0	3.1	640
Q934413		2.97	19.15	0.19	1.7	0.035	2.31	39.4	15.9	0.20	652	1.54	1.90	7.6	2.7	560
Q934414		3.07	16.95	0.23	1.5	0.040	2.82	29.8	13.1	0.36	683	2.21	2.23	7.8	3.2	630
Q934415		3.06	21.3	0.17	1.6	0.039	2.22	25.5	17.4	0.41	1200	2.21	2.10	7.6	2.5	570
Q934416		3.08	16.45	0.18	1.4	0.037	2.70	27.2	20.0	0.52	566	1.59	2.22	7.6	2.9	710
Q934417		3.02	17.30	0.19	1.4	0.036	2.59	27.0	22.0	0.52	577	1.23	2.21	7.9	2.9	670
Q934418		3.24	18.05	0.18	1.4	0.037	2.61	27.2	21.6	0.52	498	1.74	2.03	7.9	3.3	700
Q934419		2.94	17.75	0.19	1.5	0.038	2.71	21.5	17.1	0.37	600	2.01	2.32	8.2	3.4	690
Q934420		3.42	23.2	0.20	1.6	0.046	2.68	34.6	14.7	0.38	2720	10.65	1.28	7.8	3.4	570
Q934421		2.82	17.10	0.14	1.6	0.037	2.77	17.5	14.3	0.27	564	3.25	2.19	8.0	3.1	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926881		58.4	161.5	<0.002	0.20	31.7	12.1	2	3.5	81.3	0.70	0.34	16.1	0.246	2.41	3.7
Q926888		99.8	192.0	<0.002	0.01	9.93	11.0	1	1.9	66.9	0.77	<0.05	13.1	0.247	3.01	4.7
Q926889		390	157.5	<0.002	0.04	13.45	9.3	1	1.8	78.4	0.58	<0.05	10.0	0.224	2.61	6.2
Q926890		668	170.5	0.002	0.03	25.4	10.7	1	2.3	89.6	0.59	<0.05	14.6	0.223	2.74	8.5
Q926891		936	171.5	<0.002	0.19	16.00	9.7	1	2.0	78.1	0.57	0.06	12.9	0.214	2.44	8.3
Q926892		303	186.0	<0.002	0.03	14.20	10.6	1	2.3	73.1	0.59	<0.05	14.0	0.217	2.87	6.3
Q926893		520	176.0	<0.002	0.04	21.4	10.8	1	2.2	101.0	0.62	<0.05	15.6	0.230	2.75	11.7
Q926894		218	186.0	<0.002	0.03	17.50	10.6	1	2.0	115.5	0.68	<0.05	15.3	0.219	3.23	5.7
Q926895		1190	162.0	<0.002	4.13	61.3	9.3	2	7.6	89.2	0.51	1.23	11.7	0.184	2.54	5.1
Q926896		480	182.5	<0.002	0.05	19.50	10.5	1	1.9	81.2	0.60	<0.05	13.3	0.237	2.70	5.1
Q926897		421	151.0	<0.002	0.01	11.35	11.0	1	1.9	144.0	0.62	<0.05	13.5	0.243	2.20	4.1
Q926898		45.0	131.5	<0.002	<0.01	4.73	11.2	1	1.7	306	0.73	<0.05	14.0	0.253	1.39	2.3
Q926899		20.1	130.0	<0.002	0.01	7.80	12.5	1	1.9	241	0.61	<0.05	14.0	0.271	1.40	2.2
Q926900		21.3	141.5	<0.002	0.02	8.75	11.4	1	1.8	140.0	0.65	<0.05	14.7	0.249	1.51	2.5
Q934492		17.7	130.5	<0.002	0.01	8.12	12.4	1	1.9	244	0.60	<0.05	12.7	0.268	1.38	2.2
Q934401		20.7	141.5	<0.002	<0.01	6.85	11.1	<1	1.8	120.5	0.65	<0.05	13.8	0.255	1.38	2.1
Q934402		23.3	157.5	<0.002	<0.01	8.43	11.5	1	1.7	176.0	0.77	<0.05	16.7	0.271	1.74	2.8
Q934403		16.5	137.0	<0.002	<0.01	4.42	11.4	1	1.9	261	0.64	<0.05	14.9	0.274	1.31	3.0
Q934404		22.8	101.0	<0.002	<0.01	7.56	8.5	1	1.4	322	0.79	<0.05	14.8	0.303	1.12	5.7
Q934405		18.5	134.0	<0.002	<0.01	9.24	12.6	1	1.9	248	0.72	<0.05	16.6	0.282	1.41	4.9
Q934406		14.7	140.5	<0.002	<0.01	7.94	12.0	1	1.9	198.5	0.64	<0.05	16.0	0.273	1.43	5.2
Q934407		14.0	94.6	<0.002	0.02	17.35	8.3	1	1.5	431	0.80	0.05	13.4	0.300	1.03	6.1
Q934408		1.3	1.2	<0.002	<0.01	0.07	0.2	1	<0.2	47.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q934409		17.2	136.5	<0.002	<0.01	8.18	11.7	1	2.2	227	0.64	<0.05	16.0	0.255	1.33	5.0
Q934410		18.8	119.0	<0.002	0.01	12.55	12.3	1	2.1	219	0.65	0.05	15.2	0.254	1.27	5.8
Q934411		19.5	111.5	<0.002	0.01	23.4	12.3	1	3.6	178.0	0.65	<0.05	15.1	0.247	1.21	4.0
Q934412		16.6	138.0	<0.002	<0.01	11.20	11.4	1	2.0	227	0.63	<0.05	15.3	0.258	1.39	3.5
Q934413		14.8	123.5	<0.002	<0.01	8.65	11.7	1	1.9	108.0	0.61	<0.05	13.9	0.239	1.18	4.0
Q934414		17.3	139.5	<0.002	<0.01	3.22	12.1	1	2.1	181.5	0.63	<0.05	15.8	0.247	1.24	3.3
Q934415		16.4	128.0	<0.002	<0.01	9.47	10.7	1	1.9	114.0	0.63	0.06	13.4	0.239	1.21	3.7
Q934416		18.4	122.0	<0.002	<0.01	3.03	11.0	1	1.9	331	0.63	<0.05	13.0	0.258	1.17	2.4
Q934417		15.4	126.5	<0.002	<0.01	2.36	11.6	1	2.0	358	0.63	<0.05	12.5	0.257	1.21	2.1
Q934418		18.4	135.5	<0.002	<0.01	3.71	12.8	1	2.1	258	0.61	<0.05	12.4	0.254	1.28	3.1
Q934419		16.1	135.0	<0.002	<0.01	3.31	12.3	<1	1.9	257	0.63	<0.05	13.9	0.251	1.30	3.5
Q934420		24.0	159.0	<0.002	<0.01	6.33	11.9	2	1.9	89.4	0.63	0.15	13.2	0.233	1.41	4.6
Q934421		18.0	134.5	<0.002	<0.01	3.31	11.6	1	1.7	200	0.65	<0.05	14.2	0.241	1.23	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926881		73	3.2	11.8	131	28.4
Q926888		67	3.9	14.8	414	41.3
Q926889		63	3.0	12.2	1180	41.9
Q926890		66	3.9	15.2	1790	39.7
Q926891		57	3.3	14.0	2380	39.4
Q926892		62	3.7	15.7	1880	40.8
Q926893		62	4.2	13.1	1380	51.2
Q926894		56	4.0	16.8	728	40.9
Q926895		56	5.8	11.5	2130	28.3
Q926896		60	4.1	17.1	1320	36.8
Q926897		67	2.7	16.6	953	36.0
Q926898		72	1.0	15.9	160	40.6
Q926899		84	1.3	16.9	87	40.0
Q926900		72	2.2	15.8	81	39.9
Q934492		82	1.4	17.0	81	36.6
Q934401		73	2.2	14.2	74	44.8
Q934402		76	2.2	17.8	76	51.9
Q934403		74	1.9	17.8	53	47.3
Q934404		67	1.4	21.2	66	141.5
Q934405		73	1.9	23.6	60	47.1
Q934406		75	1.7	19.4	54	43.1
Q934407		59	1.8	18.7	61	154.5
Q934408		2	0.1	0.8	12	0.5
Q934409		73	1.7	16.6	70	39.8
Q934410		72	2.3	17.4	70	39.4
Q934411		97	2.9	19.4	65	38.0
Q934412		67	2.0	15.0	49	45.0
Q934413		77	1.9	17.9	42	40.3
Q934414		69	1.6	16.5	48	43.4
Q934415		81	2.1	13.6	39	42.6
Q934416		72	2.3	15.0	49	35.6
Q934417		70	1.8	16.2	45	33.9
Q934418		73	2.1	15.9	50	36.5
Q934419		70	1.9	15.0	52	37.6
Q934420		91	2.7	16.7	49	45.9
Q934421		68	2.0	14.8	53	42.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113783

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113784

Project: Klaza

P.O. No.: Batch T10

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113784

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934422		4.06	<0.005	0.16	7.95	9.1	1550	1.89	1.96	0.49	0.13	61.1	7.9	8	13.35	10.8
Q934423		4.36	<0.005	0.10	7.56	5.7	2140	1.73	1.74	0.90	0.14	54.5	7.3	6	5.76	5.7
Q934424		<0.02	<0.005	0.09	7.43	5.6	2080	1.57	1.25	0.89	0.15	54.8	7.4	7	5.76	6.0
Q934425		3.46	<0.005	0.10	7.39	6.5	2060	1.72	2.13	0.87	0.14	53.4	7.1	6	6.70	6.3
Q934426		3.36	<0.005	0.24	7.62	8.8	2050	1.70	4.60	0.61	0.19	52.0	8.6	7	8.95	9.4
Q934427		3.21	<0.005	0.09	7.28	6.1	2150	1.61	0.55	0.84	0.12	47.1	6.9	6	5.66	5.5
Q934428		4.89	<0.005	0.13	7.58	6.4	1350	1.72	2.65	0.43	0.08	50.5	7.2	7	8.59	7.7
Q934429		3.88	<0.005	0.12	7.41	5.5	1780	1.71	1.06	0.57	0.12	54.6	7.8	7	6.14	6.3
Q934430		2.79	<0.005	0.16	7.44	6.2	1530	2.16	0.82	0.38	0.10	58.9	7.6	7	10.75	9.0
Q934431		2.90	<0.005	0.10	8.40	6.9	1530	1.87	0.33	0.52	0.14	67.9	8.1	6	11.70	8.5
Q934432		3.51	<0.005	0.08	8.18	8.7	2200	1.76	0.22	0.79	0.16	53.1	8.3	7	8.97	9.2
Q934433		3.54	<0.005	0.07	7.87	7.3	2330	1.76	0.19	1.08	0.23	62.0	8.3	6	9.62	8.3
Q934434		3.90	<0.005	0.06	8.07	7.2	2210	1.72	0.13	1.10	0.16	57.3	8.2	7	7.07	5.1
Q934435		3.29	<0.005	0.10	8.02	7.2	2390	1.68	0.12	0.87	0.15	56.5	7.9	6	6.72	7.6
Q934436		3.76	<0.005	0.07	8.20	7.4	1890	1.83	0.13	0.67	0.15	53.4	8.4	7	7.12	6.1
Q934437		3.43	<0.005	0.09	8.15	7.5	1730	1.75	0.13	0.67	0.15	56.0	8.6	7	7.32	6.7
Q934438		4.71	<0.005	0.06	8.06	8.9	2390	1.73	0.13	1.22	0.23	61.0	8.6	6	4.52	7.4
Q934439		4.82	0.006	0.17	8.00	17.6	2150	1.76	0.30	1.17	0.38	59.7	8.8	11	5.66	14.4
Q934440		3.39	0.038	3.60	7.44	178.0	1710	2.00	3.33	0.32	14.95	56.4	14.3	12	22.4	33.0
Q934441		3.92	0.026	2.51	6.88	100.0	900	1.77	2.58	0.18	8.55	54.7	7.7	5	31.6	9.6
Q934442		3.81	0.017	5.81	7.02	108.0	590	1.67	0.40	0.10	11.30	50.1	2.7	5	42.4	11.5
Q934443		3.07	0.087	4.26	5.93	210	680	1.27	0.44	0.08	4.32	43.2	1.9	5	24.5	8.0
Q934444		3.62	0.010	2.45	7.58	71.5	560	1.58	0.20	0.18	38.4	59.7	3.7	6	39.3	6.7
Q934445		3.05	<0.005	1.30	6.73	33.3	650	1.62	0.38	1.49	7.74	48.6	9.0	5	30.1	3.6
Q934446		3.38	0.010	2.21	8.04	30.5	1440	2.06	6.21	1.03	1.21	59.3	9.2	7	20.3	2.3
Q934447		4.17	<0.005	0.37	7.93	12.9	1190	1.93	0.31	0.47	2.73	61.3	4.3	6	20.5	2.5
Q934448		2.83	0.009	2.55	7.38	49.9	1220	1.86	0.67	0.16	21.0	60.1	7.5	5	22.8	15.1
Q934449		3.15	0.006	2.06	8.05	40.3	870	1.58	0.42	0.22	17.70	60.9	4.7	6	18.20	10.4
Q934450		3.93	0.005	1.22	7.95	43.1	680	1.66	0.40	0.22	13.65	60.6	5.0	6	21.4	2.6
Q934451		5.56	0.016	1.87	7.69	81.7	830	1.67	0.15	0.20	21.6	59.3	6.8	6	21.2	4.9
Q934452		3.73	0.007	2.05	7.35	107.5	1770	1.98	0.75	0.13	17.00	50.2	12.2	6	27.1	17.3
Q934453		3.17	<0.005	0.54	8.58	33.1	1990	1.92	0.73	0.27	3.74	64.0	9.1	7	18.80	6.0
Q934454		4.51	<0.005	0.20	9.10	9.7	2450	1.57	0.24	0.29	1.95	55.5	7.5	7	14.15	9.6
Q934455		3.85	0.011	3.49	8.31	131.0	1800	1.96	1.07	0.21	9.67	61.8	9.9	7	23.3	19.2
Q934493		0.23	1.660	41.2	6.12	2630	910	1.41	40.7	1.73	50.1	39.9	18.1	21	11.35	1240
Q934494		5.44	<0.005	0.04	0.08	1.3	30	0.07	0.04	22.2	0.08	1.40	0.7	<1	0.17	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934422		3.11	18.20	0.10	1.7	0.047	2.65	37.6	16.1	0.36	589	2.19	2.07	8.2	3.3	660
Q934423		2.65	16.50	0.11	1.7	0.041	2.66	27.5	15.7	0.37	782	1.30	2.42	8.0	2.6	600
Q934424		2.70	16.20	0.12	1.6	0.042	2.58	28.0	15.7	0.37	799	1.37	2.36	8.2	2.9	610
Q934425		2.66	16.35	0.11	1.6	0.053	2.62	27.9	15.9	0.44	591	2.04	2.25	8.0	2.9	620
Q934426		3.06	18.30	0.21	1.8	0.049	2.56	20.6	18.3	0.57	974	1.89	2.30	8.6	3.4	660
Q934427		2.67	16.30	0.15	1.6	0.036	2.63	23.6	17.0	0.49	498	1.35	2.32	7.4	2.4	620
Q934428		2.95	18.05	0.16	1.7	0.046	2.41	19.5	14.6	0.62	517	0.87	2.27	7.8	2.7	620
Q934429		2.87	17.20	0.19	1.6	0.041	2.55	24.1	15.4	0.67	671	0.76	2.31	8.3	2.8	610
Q934430		2.71	17.65	0.20	1.6	0.049	2.29	21.6	17.0	0.64	653	0.89	1.89	8.0	2.7	590
Q934431		3.10	20.2	0.15	1.7	0.041	2.59	28.4	17.1	0.69	625	0.86	2.28	9.1	3.1	670
Q934432		3.15	18.95	0.18	1.6	0.044	2.79	26.2	21.0	0.68	663	0.89	2.24	9.1	3.1	700
Q934433		3.01	18.80	0.17	1.5	0.044	2.60	31.8	22.2	0.62	857	0.94	2.27	8.5	3.1	670
Q934434		3.06	18.20	0.15	1.4	0.045	2.50	29.5	22.3	0.72	763	0.68	2.48	8.8	2.9	670
Q934435		2.89	17.65	0.16	1.4	0.042	2.69	33.3	21.7	0.66	599	0.73	2.32	8.4	2.8	620
Q934436		3.18	18.65	0.15	1.5	0.038	2.51	24.6	19.9	0.68	584	0.84	2.45	8.8	3.0	650
Q934437		3.04	17.75	0.14	1.6	0.044	2.36	25.8	20.4	0.67	628	1.04	2.50	8.9	3.1	650
Q934438		3.08	17.85	0.15	1.5	0.040	2.62	28.4	21.0	0.72	948	0.84	2.51	9.0	3.4	710
Q934439		3.07	17.20	0.17	1.6	0.043	2.59	29.6	20.6	0.63	704	1.13	2.43	9.3	5.1	710
Q934440		4.49	19.40	0.16	2.0	0.240	3.03	29.9	32.2	0.24	10100	12.15	0.05	8.3	8.9	740
Q934441		3.49	16.15	0.16	1.4	0.267	2.86	28.3	26.5	0.22	4360	2.00	0.03	7.5	3.1	520
Q934442		4.79	15.45	0.15	1.4	0.247	3.09	26.7	22.9	0.22	1100	2.29	0.03	7.3	1.6	430
Q934443		3.58	14.30	0.14	1.3	0.176	2.75	23.2	23.1	0.19	489	1.16	0.03	6.4	1.2	260
Q934444		3.86	16.25	0.15	1.7	0.192	3.26	31.6	20.0	0.23	3240	0.91	0.06	7.7	2.0	610
Q934445		3.57	15.50	0.15	1.6	0.257	3.10	23.4	20.0	0.22	10500	1.21	0.04	7.9	2.5	520
Q934446		3.08	18.95	0.18	1.5	0.090	3.81	30.3	13.0	0.28	1840	1.14	0.04	8.9	2.4	630
Q934447		2.97	17.65	0.16	1.8	0.081	3.70	31.9	13.5	0.26	3690	0.67	0.02	9.2	2.2	540
Q934448		3.70	17.05	0.18	1.8	0.310	3.34	31.2	16.5	0.22	10750	5.69	0.03	8.3	2.9	490
Q934449		3.27	17.75	0.21	1.7	0.146	3.82	31.3	10.8	0.25	11650	2.77	0.03	8.8	2.0	610
Q934450		2.89	17.25	0.19	1.6	0.076	3.64	32.0	14.5	0.27	8070	0.92	0.02	8.5	2.5	570
Q934451		3.57	18.60	0.20	1.6	0.168	3.76	31.1	13.4	0.29	17600	1.56	0.02	8.2	3.0	540
Q934452		4.95	17.25	0.17	1.5	0.212	3.37	25.0	16.6	0.23	18850	4.71	0.04	7.7	2.3	450
Q934453		2.88	19.20	0.17	1.9	0.089	3.58	32.3	30.8	0.26	4630	2.95	0.11	9.5	3.1	660
Q934454		3.11	19.35	0.17	2.0	0.050	3.46	25.0	44.0	0.49	1900	2.86	0.10	10.2	2.9	750
Q934455		4.46	19.10	0.20	1.7	0.176	4.24	33.1	13.3	0.22	8910	17.60	0.06	8.9	2.7	540
Q934493		9.28	15.15	0.18	0.9	1.715	2.73	19.3	18.0	0.71	2490	18.75	0.06	5.2	15.7	470
Q934494		0.48	0.25	0.08	<0.1	0.009	0.03	0.6	1.2	13.65	228	0.10	<0.01	0.2	1.2	210

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934422		20.5	126.5	<0.002	<0.01	3.21	12.5	1	1.7	177.0	0.66	0.05	16.4	0.256	1.12	4.5
Q934423		17.2	114.5	<0.002	<0.01	1.90	10.1	1	1.6	274	0.67	<0.05	14.4	0.242	1.01	2.9
Q934424		17.5	112.5	<0.002	<0.01	1.90	10.3	1	1.7	267	0.68	0.05	14.5	0.242	0.97	2.9
Q934425		16.9	115.0	<0.002	<0.01	2.06	10.3	1	1.7	278	0.68	0.06	14.7	0.246	1.03	2.9
Q934426		19.1	123.0	<0.002	<0.01	3.87	11.8	<1	2.1	214	0.73	0.05	14.5	0.261	1.12	3.0
Q934427		15.0	117.0	<0.002	<0.01	1.88	10.8	1	1.7	306	0.60	<0.05	13.5	0.240	1.05	2.4
Q934428		16.4	122.0	<0.002	<0.01	3.84	11.1	1	1.7	149.0	0.67	<0.05	14.3	0.244	1.07	2.6
Q934429		16.1	128.0	<0.002	<0.01	3.72	11.9	1	1.9	208	0.67	<0.05	14.5	0.254	1.07	2.2
Q934430		16.1	131.5	<0.002	0.01	3.97	11.8	1	1.7	135.0	0.63	<0.05	14.2	0.242	1.07	2.3
Q934431		18.1	136.0	<0.002	<0.01	6.08	13.1	<1	1.6	183.0	0.73	<0.05	16.7	0.278	1.24	3.2
Q934432		20.3	125.5	<0.002	<0.01	5.99	13.3	1	1.5	297	0.70	<0.05	15.4	0.281	1.22	3.1
Q934433		22.8	117.5	<0.002	<0.01	3.49	13.1	1	1.5	323	0.64	<0.05	16.2	0.266	1.07	2.6
Q934434		19.2	107.5	<0.002	<0.01	4.43	12.4	1	1.5	321	0.69	<0.05	15.4	0.278	1.00	2.6
Q934435		22.0	111.0	<0.002	<0.01	3.41	12.6	1	1.4	303	0.65	<0.05	15.8	0.259	1.02	2.8
Q934436		21.3	111.5	<0.002	<0.01	5.03	12.1	<1	1.4	233	0.68	<0.05	15.8	0.272	1.03	2.8
Q934437		19.4	101.0	<0.002	<0.01	6.03	12.2	1	1.5	213	0.70	<0.05	16.2	0.272	0.98	2.8
Q934438		22.6	105.0	<0.002	<0.01	3.65	12.2	1	1.6	349	0.72	<0.05	15.2	0.273	0.95	2.3
Q934439		28.5	111.5	<0.002	<0.01	5.21	11.0	1	1.6	320	0.75	<0.05	14.7	0.292	1.07	2.5
Q934440		479	167.5	<0.002	0.03	37.6	10.3	1	2.9	268	0.63	0.05	14.4	0.270	3.21	6.1
Q934441		349	168.0	<0.002	0.03	26.3	9.3	<1	3.0	85.8	0.62	<0.05	14.5	0.225	2.45	5.5
Q934442		1060	172.0	<0.002	0.07	36.5	9.0	<1	1.8	86.2	0.57	<0.05	14.9	0.219	2.52	8.1
Q934443		670	150.5	<0.002	0.06	33.4	8.1	1	1.8	33.6	0.50	<0.05	11.1	0.191	2.11	4.0
Q934444		547	195.0	<0.002	0.07	17.50	10.3	<1	1.9	128.0	0.58	<0.05	19.4	0.232	2.98	5.6
Q934445		237	182.5	<0.002	<0.01	15.40	9.6	1	2.3	122.5	0.71	<0.05	15.2	0.216	2.93	6.4
Q934446		59.1	208	<0.002	0.01	16.95	11.7	2	2.5	54.9	0.72	<0.05	16.2	0.266	2.96	4.2
Q934447		65.6	223	<0.002	0.01	12.85	10.4	1	1.8	57.1	0.92	<0.05	19.5	0.238	3.13	4.9
Q934448		585	193.0	<0.002	0.01	19.30	9.9	<1	2.6	99.7	0.86	<0.05	18.5	0.215	2.83	6.8
Q934449		478	223	<0.002	<0.01	16.35	11.8	1	2.0	72.3	0.75	<0.05	17.2	0.250	3.66	5.4
Q934450		208	216	<0.002	<0.01	13.90	11.0	1	2.2	92.2	0.71	<0.05	17.8	0.242	3.23	5.1
Q934451		261	214	<0.002	0.01	16.40	10.5	1	2.1	140.5	0.69	<0.05	17.9	0.242	2.99	5.8
Q934452		610	152.0	<0.002	0.01	35.2	10.5	1	2.0	188.5	0.68	<0.05	17.8	0.237	2.02	8.5
Q934453		75.6	184.5	<0.002	<0.01	22.0	12.5	1	2.0	91.0	0.86	<0.05	20.6	0.267	2.69	4.3
Q934454		30.5	157.5	<0.002	<0.01	11.95	12.9	1	1.9	70.9	0.87	<0.05	20.2	0.297	1.90	3.3
Q934455		446	227	<0.002	0.03	29.9	12.1	<1	2.7	122.5	0.73	<0.05	18.3	0.263	3.61	6.0
Q934493		1750	163.0	<0.002	8.38	115.5	9.1	2	11.8	66.1	0.43	0.78	10.5	0.176	2.48	6.2
Q934494		2.8	1.4	<0.002	0.02	0.21	0.2	<1	<0.2	50.4	<0.05	<0.05	0.2	<0.005	<0.02	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934422		79	1.8	19.4	57	50.6
Q934423		66	1.7	16.5	47	46.0
Q934424		66	1.7	16.6	48	46.6
Q934425		67	1.8	14.7	47	43.7
Q934426		75	2.1	12.6	54	45.9
Q934427		68	1.8	12.0	46	46.6
Q934428		74	2.3	10.6	48	42.5
Q934429		70	2.0	12.4	51	40.5
Q934430		69	1.9	13.3	58	39.7
Q934431		83	2.1	14.7	61	49.1
Q934432		81	1.9	15.9	61	42.4
Q934433		79	1.5	17.2	58	38.9
Q934434		79	1.8	16.7	67	37.4
Q934435		75	1.7	18.1	59	39.0
Q934436		78	2.2	16.2	59	41.1
Q934437		74	2.5	16.3	71	40.2
Q934438		78	2.2	17.9	70	39.8
Q934439		78	2.0	17.5	78	41.8
Q934440		77	3.7	14.3	1600	62.7
Q934441		60	3.7	12.4	979	41.9
Q934442		63	3.9	9.4	2230	41.3
Q934443		54	3.2	5.6	1170	35.2
Q934444		63	4.2	8.8	1860	44.3
Q934445		59	3.2	16.5	1490	42.7
Q934446		79	2.5	16.8	163	43.8
Q934447		66	3.5	18.7	462	45.6
Q934448		60	4.0	15.6	1860	43.1
Q934449		69	3.6	17.1	1800	45.3
Q934450		69	2.9	16.8	1520	42.2
Q934451		67	4.5	18.8	1970	44.1
Q934452		67	3.1	12.9	1620	39.5
Q934453		79	5.0	21.5	337	51.6
Q934454		81	4.4	17.3	341	55.2
Q934455		76	5.5	15.6	1060	47.2
Q934493		60	8.0	10.7	3640	24.7
Q934494		2	0.1	0.9	20	0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113784

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
PUL-31	PUL-31d	PUL-QC	SPL-21
SPL-21d	WEI-21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

CERTIFICATE WH14113787

Project: Klaza

P.O. No.: Batch 93

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

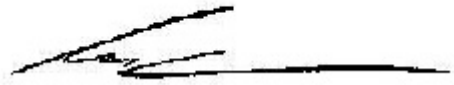
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113787

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
Q016881		1.86	2.49		>100	2.95	6340	190	0.67	7.82	1.77	>1000	23.3	23.8	11	3.26
Q016882		1.00	0.567		28.9	5.95	2210	610	1.23	6.18	1.13	23.9	41.1	11.7	13	9.89
Q016883		1.86	0.054		5.59	6.38	194.0	990	1.58	0.99	2.17	7.97	37.3	8.2	14	13.00
Q016884		0.10	>10.0	13.90	>100	4.35	174.5	790	0.45	1.92	2.00	830	18.85	59.3	46	1.33
Q016885		5.66	>10.0	27.8	>100	1.43	>10000	120	0.34	129.5	1.33	481	8.31	21.4	7	2.05
Q016886		6.26	0.085		6.58	7.18	937	1660	1.68	0.35	2.55	32.5	48.5	7.1	18	16.70
Q016887		<0.02	0.080		5.94	7.00	845	1610	1.67	0.26	2.48	31.8	48.4	7.0	17	16.75
Q016888		3.78	0.064		6.14	6.69	730	1120	1.74	0.53	2.76	6.92	48.7	7.5	13	21.1
Q016889		2.38	0.020		0.84	7.76	147.0	370	2.21	0.23	2.28	1.24	79.9	8.7	29	33.1
Q016890		2.01	2.74		46.4	5.59	>10000	380	1.15	7.87	0.83	59.7	43.2	10.3	16	13.20
Q016891		0.74	0.174		9.75	4.51	923	270	1.42	0.50	1.35	105.5	34.2	7.7	10	17.30
Q016892		2.72	2.10		62.1	2.79	3790	180	0.98	0.35	1.95	194.5	17.55	3.1	18	10.35
Q016893		4.66	<0.005		0.02	0.06	1.0	30	0.06	0.16	20.0	0.09	1.20	0.7	<1	0.12
Q016894		5.02	1.455		12.95	5.91	3840	450	1.38	0.15	2.57	43.9	44.9	5.6	12	16.60
Q016895		2.10	0.017		0.63	7.05	98.2	1540	1.38	0.48	1.97	0.63	44.8	6.3	11	19.40
Q016896		2.57	0.847		47.1	4.69	2480	230	1.03	0.42	1.91	45.9	32.0	8.5	8	15.05
Q016897		2.23	>10.0	25.3	>100	1.04	>10000	60	0.27	0.26	0.57	771	1.53	1.8	17	1.62
Q016898		4.03	<0.005		0.06	0.04	3.2	20	0.05	0.08	20.3	0.11	0.94	0.6	<1	0.10
Q016899		1.71	1.180		19.70	6.41	2130	700	1.16	1.22	1.17	15.00	46.6	6.0	16	16.05
Q016900		4.46	0.409		9.39	6.76	1255	910	1.36	1.13	1.96	7.50	47.0	8.2	11	19.30
Q016901		3.97	1.055		20.1	5.66	3880	3080	0.99	3.53	1.11	68.1	29.9	5.3	20	8.50
Q016902		0.27	1.685		40.2	5.74	2590	160	1.10	37.0	1.64	45.5	35.8	16.9	22	10.10
Q016903		3.86	2.98		17.75	5.35	10000	290	0.88	4.81	0.27	103.5	23.2	3.9	14	9.88
Q016904		3.16	0.432		10.05	6.15	631	250	0.93	4.64	0.26	94.1	23.8	9.0	20	11.35
Q016905		2.87	>10.0	26.8	>100	1.97	>10000	700	0.35	157.5	4.31	257	11.50	13.7	13	2.31
Q016906		2.73	0.219		3.54	5.85	582	550	0.92	1.35	4.03	18.05	36.4	8.1	13	10.95
Q016907		<0.02	0.228		3.37	5.89	562	400	0.93	1.30	4.11	17.65	37.7	7.8	14	10.60
Q016908		2.44	0.047		0.31	7.17	42.5	930	1.58	0.66	2.47	0.22	45.8	8.1	9	15.35
Q016909		1.72	0.415		6.78	5.66	884	470	1.31	3.09	3.51	12.15	39.1	8.1	9	23.7
Q016910		2.77	0.082		2.28	6.82	178.5	860	1.54	0.32	3.23	2.42	46.6	8.1	10	21.1
Q016911		2.48	>10.0	20.6	93.8	1.91	>10000	80	0.47	2.42	1.90	541	12.40	4.0	16	3.20
Q016912		5.18	1.095		10.90	6.68	2900	940	1.39	11.70	2.80	9.69	39.7	9.6	11	17.35
Q016913		1.56	1.615		20.8	4.42	3090	710	1.68	9.90	4.21	8.25	40.5	7.3	12	21.4
Q016914		3.74	>10.0	29.9	>100	1.79	>10000	140	0.29	311	0.80	315	10.25	13.8	16	1.87
Q016915		4.42	0.080		2.90	7.03	314	820	1.51	0.83	1.69	6.29	37.1	8.9	20	13.25
Q016916		10.07	0.012		0.43	6.78	43.1	2170	1.43	0.49	2.14	0.29	43.0	6.1	15	13.10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q016881		1300	8.26	9.36	<0.05	0.5	11.60	1.43	12.8	10.2	0.74	4240	2.68	0.02	3.0	3.7
Q016882		87.5	5.28	16.45	<0.05	1.2	0.478	2.80	21.9	14.6	0.56	674	1.56	0.03	6.3	4.9
Q016883		53.2	4.05	16.20	<0.05	1.2	0.178	3.48	17.5	18.4	0.47	3750	1.89	0.05	7.1	3.0
Q016884		>10000	8.94	16.05	<0.05	0.6	3.06	0.83	9.3	6.6	0.80	1660	160.5	1.09	2.1	18.4
Q016885		2100	16.55	5.46	<0.05	0.3	2.97	0.65	3.7	6.7	0.44	14400	13.70	0.01	1.4	1.7
Q016886		46.8	4.39	16.00	<0.05	1.1	0.209	3.09	26.6	20.5	0.98	11600	2.69	0.11	7.6	2.8
Q016887		45.5	4.27	15.85	<0.05	1.1	0.202	3.03	26.9	21.4	0.95	11300	2.02	0.11	7.5	2.7
Q016888		55.2	3.54	14.85	<0.05	1.1	0.130	2.85	27.2	17.6	1.01	7540	1.50	0.02	6.7	2.9
Q016889		27.2	3.50	19.35	0.08	4.5	0.054	2.14	41.1	217	1.17	1510	1.23	0.04	11.9	11.0
Q016890		522	6.67	14.35	<0.05	1.0	0.535	2.60	24.1	22.4	0.41	6930	9.83	0.03	5.7	5.2
Q016891		54.3	3.19	10.65	<0.05	1.0	0.079	1.74	17.7	63.4	0.53	2280	9.50	0.02	4.7	4.7
Q016892		317	3.39	7.47	<0.05	0.5	2.92	1.12	8.5	63.9	0.66	2640	115.0	0.01	3.0	2.6
Q016893		2.3	0.45	0.21	0.10	<0.1	<0.005	0.02	0.6	1.1	12.45	196	0.24	<0.01	0.2	1.5
Q016894		54.1	3.41	13.75	<0.05	1.0	0.192	2.57	23.9	32.5	1.01	2100	18.55	0.02	6.1	2.3
Q016895		20.8	2.60	15.70	0.10	1.3	0.053	3.12	22.5	69.4	0.61	1630	1.75	0.72	7.7	2.3
Q016896		82.7	4.02	10.85	<0.05	1.0	0.168	2.04	15.9	46.5	0.66	3410	16.30	0.02	4.8	2.8
Q016897		1330	8.21	7.61	<0.05	0.2	0.555	0.44	<0.5	24.2	0.21	11700	2.70	0.01	0.9	1.7
Q016898		2.9	0.44	0.15	0.14	<0.1	<0.005	0.02	<0.5	0.9	12.65	199	0.11	<0.01	0.1	1.3
Q016899		127.0	3.65	13.55	<0.05	1.3	0.193	2.66	26.2	68.3	0.48	4250	2.99	0.02	6.5	4.2
Q016900		46.0	2.96	14.65	<0.05	1.3	0.059	2.82	24.8	157.0	0.71	2320	2.91	0.05	7.2	2.6
Q016901		120.5	5.00	13.25	<0.05	0.9	0.493	2.60	14.2	10.7	0.46	6510	12.65	0.01	5.8	2.8
Q016902		1230	8.89	14.20	<0.05	0.9	1.605	2.70	17.9	15.3	0.68	2380	17.40	0.07	4.8	14.6
Q016903		117.0	4.81	13.40	<0.05	0.9	1.235	2.43	12.0	13.4	0.23	4250	45.8	0.02	5.3	2.0
Q016904		162.0	5.51	17.20	<0.05	1.0	2.48	3.03	11.6	8.3	0.17	396	3.60	0.02	6.2	3.2
Q016905		1940	11.45	5.47	<0.05	0.3	9.01	0.90	5.9	11.4	0.12	2610	25.3	0.01	1.9	1.9
Q016906		54.5	4.64	13.25	<0.05	0.9	0.260	2.79	18.5	12.0	0.32	2250	16.85	0.02	5.7	3.2
Q016907		50.5	4.69	12.90	<0.05	0.9	0.238	2.81	18.7	12.1	0.33	2280	16.60	0.02	5.5	2.8
Q016908		19.0	3.44	14.90	0.24	1.1	0.149	3.01	25.4	135.0	1.00	1540	2.06	0.03	6.8	2.6
Q016909		106.5	3.59	12.90	<0.05	0.9	0.237	2.21	21.6	41.6	1.17	3110	16.70	0.02	5.6	2.7
Q016910		24.1	2.83	14.85	<0.05	1.0	0.050	2.90	25.9	49.0	1.13	3120	2.80	0.02	7.0	2.9
Q016911		171.0	13.90	7.76	<0.05	0.3	0.846	0.87	4.5	15.7	0.46	16100	31.4	0.01	1.7	2.7
Q016912		262	4.38	15.80	<0.05	1.0	0.398	3.19	20.2	21.5	0.90	4570	3.51	0.02	7.1	3.1
Q016913		573	3.35	11.45	<0.05	2.1	0.578	1.52	22.0	52.4	1.38	2270	5.39	0.02	6.5	5.4
Q016914		3280	13.70	6.03	<0.05	0.2	4.10	0.85	5.6	11.2	0.29	2850	5.99	0.01	1.4	2.2
Q016915		298	3.91	15.95	<0.05	0.7	0.130	3.19	18.8	41.0	0.70	5420	1.58	0.07	6.8	3.0
Q016916		79.8	2.92	15.45	0.09	1.3	0.068	2.96	21.9	11.0	0.72	641	1.52	2.04	7.6	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q016881		220	>10000	86.8	<0.002	>10.0	996	4.8	1	19.8	29.5	0.25	1.55	5.2	0.102	3.09
Q016882		510	3530	163.5	<0.002	4.58	40.9	8.8	<1	16.5	45.0	0.51	0.30	10.3	0.212	2.27
Q016883		530	547	161.0	<0.002	2.09	27.6	9.7	<1	4.0	97.0	0.60	<0.05	10.4	0.229	2.84
Q016884		540	>10000	26.9	0.072	>10.0	180.0	11.0	8	18.2	224	0.15	0.50	1.7	0.169	8.35
Q016885		80	>10000	37.4	0.002	>10.0	1310	2.4	2	16.0	24.9	0.13	3.65	2.4	0.047	3.00
Q016886		600	680	175.0	<0.002	0.66	31.2	11.4	1	4.6	129.5	0.60	<0.05	12.7	0.255	3.11
Q016887		590	618	169.0	<0.002	0.64	30.1	11.3	<1	4.6	127.0	0.59	<0.05	12.4	0.248	2.95
Q016888		530	463	161.5	<0.002	0.67	39.0	10.0	<1	2.6	161.5	0.54	<0.05	12.0	0.234	2.87
Q016889		1700	52.8	81.6	<0.002	0.15	39.1	8.1	1	1.7	615	0.75	<0.05	8.7	0.424	1.51
Q016890		450	2890	143.5	<0.002	4.42	205	8.3	<1	6.3	124.5	0.42	0.16	9.5	0.199	2.28
Q016891		310	1720	95.1	<0.002	1.95	60.5	5.8	<1	3.0	111.5	0.40	0.08	8.1	0.143	1.71
Q016892		140	>10000	68.7	0.003	2.89	263	3.8	<1	6.6	95.1	0.26	<0.05	5.0	0.087	1.95
Q016893		190	2.6	0.9	<0.002	0.01	0.10	0.2	<1	<0.2	42.2	<0.05	<0.05	<0.2	<0.005	<0.02
Q016894		420	1760	148.5	0.002	2.14	67.7	7.8	1	6.4	120.0	0.52	<0.05	11.3	0.187	2.54
Q016895		570	52.9	123.0	<0.002	0.26	26.6	9.5	1	2.1	193.5	0.63	<0.05	12.0	0.242	2.08
Q016896		340	4560	117.0	<0.002	3.37	146.0	6.5	<1	6.5	93.3	0.43	0.05	7.9	0.147	2.33
Q016897		60	>10000	26.3	<0.002	9.01	2530	1.3	1	74.3	85.2	0.08	0.06	0.4	0.029	2.42
Q016898		200	6.0	0.8	<0.002	<0.01	0.27	0.1	<1	<0.2	42.4	<0.05	<0.05	<0.2	<0.005	<0.02
Q016899		440	1030	150.5	<0.002	2.88	168.5	7.8	1	3.8	202	0.59	<0.05	12.7	0.195	2.81
Q016900		530	245	119.5	<0.002	1.24	61.8	9.2	<1	3.5	148.0	0.60	<0.05	12.6	0.226	2.26
Q016901		390	3500	138.5	<0.002	3.64	70.3	8.1	<1	6.4	107.5	0.56	<0.05	9.0	0.192	2.79
Q016902		440	1690	145.0	0.002	7.98	109.0	8.2	1	11.2	64.1	0.40	0.75	8.8	0.163	2.25
Q016903		310	1560	133.0	<0.002	3.70	98.3	7.2	1	8.3	44.9	0.45	0.09	9.1	0.186	2.40
Q016904		470	1990	160.5	<0.002	5.68	44.7	9.6	<1	8.4	25.4	0.55	<0.05	10.1	0.212	2.06
Q016905		120	5590	56.7	<0.002	>10.0	493	2.9	2	4.9	104.0	0.17	3.31	3.3	0.064	1.10
Q016906		460	1090	155.5	<0.002	4.40	40.9	8.2	<1	6.4	133.0	0.48	<0.05	9.3	0.206	2.44
Q016907		460	1080	156.0	<0.002	4.44	40.4	8.0	<1	6.0	133.0	0.49	<0.05	9.0	0.206	2.37
Q016908		580	14.7	161.0	<0.002	0.24	17.75	9.4	1	2.1	184.0	0.54	0.05	13.0	0.230	2.52
Q016909		430	591	124.0	<0.002	1.83	79.9	7.9	<1	3.3	206	0.45	0.14	9.2	0.190	2.27
Q016910		580	113.5	148.0	<0.002	1.11	37.9	9.6	1	2.2	305	0.55	<0.05	12.1	0.224	2.90
Q016911		120	3580	52.7	<0.002	>10.0	463	2.8	1	21.5	44.9	0.13	<0.05	2.2	0.057	1.18
Q016912		560	549	169.0	<0.002	2.63	106.0	9.9	<1	2.9	112.0	0.57	0.35	10.9	0.236	2.64
Q016913		700	439	85.4	<0.002	0.76	148.5	4.5	1	1.3	566	0.43	0.52	5.8	0.183	1.78
Q016914		130	>10000	50.2	0.002	>10.0	1060	2.5	3	8.0	16.7	0.12	3.77	2.8	0.051	2.51
Q016915		570	404	155.5	<0.002	1.29	65.3	10.2	1	3.3	101.0	0.52	<0.05	11.5	0.243	2.39
Q016916		530	40.2	111.0	<0.002	0.04	3.96	9.4	1	2.0	335	0.60	<0.05	11.8	0.237	1.27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113787

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q016881		4.1	32	3.4	5.8	>10000	11.8	664		12.20	7.95	
Q016882		3.8	60	7.5	8.4	1470	32.5					
Q016883		5.8	68	6.2	10.8	823	28.9					
Q016884		2.1	120	8.4	12.0	>10000	11.8	132	2.81	2.40	15.25	
Q016885		1.8	18	3.4	3.6	>10000	5.0	656		5.51	5.17	13.35
Q016886		4.4	76	10.2	14.0	2170	25.8					
Q016887		4.2	73	9.8	14.0	2000	27.1					
Q016888		4.1	68	5.7	12.1	564	25.3					
Q016889		3.9	85	3.1	14.6	181	179.5					
Q016890		7.5	58	10.0	9.3	4740	27.0					1.690
Q016891		9.5	41	3.3	9.9	6620	26.9					
Q016892		14.5	27	2.6	5.9	>10000	14.1			1.055	1.135	
Q016893		0.5	2	0.1	0.8	15	<0.5					
Q016894		14.0	57	3.8	10.3	2700	25.4					
Q016895		4.8	67	2.6	13.8	78	35.3					
Q016896		10.3	45	7.3	7.7	2910	27.1					
Q016897		0.7	10	1.5	3.1	>10000	5.8	637		3.53	5.04	4.35
Q016898		0.5	2	0.1	0.6	17	<0.5					
Q016899		7.2	55	5.6	9.8	1870	37.1					
Q016900		6.0	63	4.8	13.2	499	35.8					
Q016901		5.9	59	5.7	7.1	6800	21.6					
Q016902		5.5	57	7.5	9.5	3260	23.6					
Q016903		5.3	57	5.8	4.7	>10000	20.4				1.065	0.983
Q016904		2.8	64	8.6	5.8	>10000	23.0				1.125	
Q016905		2.1	20	5.6	5.5	>10000	7.0	101			3.63	7.62
Q016906		6.3	60	7.2	7.8	2190	23.6					
Q016907		6.5	62	7.1	7.6	2160	21.6					
Q016908		5.2	66	4.2	13.7	76	26.8					
Q016909		4.7	56	6.6	12.6	928	22.5					
Q016910		4.6	63	3.7	15.6	231	27.8					
Q016911		30.3	22	4.5	8.1	>10000	7.7				3.11	5.54
Q016912		6.2	77	5.1	12.7	983	23.4					
Q016913		7.8	41	4.6	11.1	814	85.6					
Q016914		1.5	19	4.8	4.7	>10000	5.1	338		3.55	3.40	10.30
Q016915		3.9	70	13.1	12.4	618	17.6					
Q016916		3.5	63	2.2	14.5	66	35.9					

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14113787

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21d
LOG-22	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

CERTIFICATE WH14114870

Project: Klaza

P.O. No.: Batch 100

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

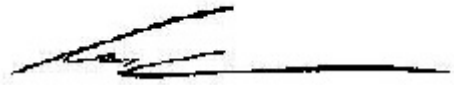
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114870

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926292		4.90	0.010	0.36	6.85	34.4	1460	1.52	0.31	3.39	0.32	40.3	7.5	8	19.25	24.4
Q926293		4.05	0.020	0.41	6.90	75.7	1990	1.46	1.25	5.14	0.80	45.1	9.3	4	51.7	5.2
Q926294		2.62	<0.005	0.61	6.20	14.8	4040	1.38	1.40	3.32	1.07	42.6	8.7	6	13.90	15.0
Q926295		2.33	0.158	2.48	6.58	944	920	1.25	0.29	2.67	1.41	46.3	8.1	7	21.1	81.7
Q926296		6.48	0.005	0.34	6.32	46.6	4270	1.37	0.34	2.55	0.90	40.8	6.5	7	19.90	5.2
Q926297		4.07	0.268	12.50	5.95	1400	310	1.25	1.15	2.75	21.4	41.9	9.1	6	14.45	127.5
Q926298		3.93	<0.005	0.03	0.07	1.3	20	0.06	0.02	19.95	0.08	1.22	0.6	<1	0.15	1.2
Q926299		2.96	<0.005	0.74	6.88	38.5	1620	1.57	2.24	2.76	0.75	40.4	10.0	12	35.4	47.2
Q926300		11.36	<0.005	0.28	6.92	7.0	2040	1.28	2.61	2.81	0.16	41.3	8.0	9	9.80	55.0
Q926301		9.55	<0.005	0.17	7.18	5.0	2160	1.34	1.24	2.57	0.08	49.4	8.1	10	7.87	17.0
Q926302		4.74	0.010	0.26	6.68	63.6	1280	1.33	0.47	2.16	0.33	42.5	8.0	8	13.15	8.4
Q926303		0.25	1.805	38.2	5.37	2430	140	1.06	35.6	1.54	41.9	33.9	15.5	18	9.22	1125
Q926304		3.39	0.020	1.17	7.11	210	1010	1.48	0.22	2.30	2.99	44.2	7.3	8	18.65	27.1
Q926305		3.64	0.075	1.39	6.99	577	1910	1.78	0.62	2.02	4.50	49.7	8.2	7	27.6	15.1
Q926306		5.40	<0.005	0.57	6.85	33.6	2170	1.45	0.58	2.38	0.95	65.9	6.2	10	22.6	6.4
Q926307		8.32	<0.005	0.46	6.55	30.3	2060	1.40	0.38	2.09	0.50	61.1	5.2	10	21.0	10.3
Q926308		6.36	0.005	0.32	7.18	127.5	1480	1.41	0.38	1.92	1.19	43.9	7.1	8	28.0	9.0
Q926309		10.63	<0.005	0.15	6.69	6.9	2040	1.55	0.52	2.69	0.11	53.0	7.7	10	21.3	10.4
Q926310		9.71	<0.005	0.11	6.78	6.1	1880	1.36	0.52	2.60	0.10	51.4	7.5	9	18.60	11.0
Q926311		4.80	<0.005	0.13	6.52	6.2	1900	1.36	0.55	2.62	0.09	39.9	7.8	11	19.20	11.4
Q926312		6.01	<0.005	0.18	7.75	4.5	2150	1.60	0.73	2.54	0.12	49.2	9.3	11	28.0	26.0
Q926313		7.17	<0.005	0.15	7.19	9.0	1790	1.51	0.90	2.20	0.15	41.2	8.0	9	26.7	26.6
Q926314		8.33	<0.005	0.31	6.27	8.1	1930	1.27	4.80	3.69	0.09	38.6	8.4	8	14.50	62.3
Q926315		5.51	0.011	0.12	6.24	11.2	1450	1.28	0.31	4.78	0.15	42.7	7.2	7	14.10	7.7
Q926316		0.25	0.352	4.71	6.67	709	520	1.43	3.20	1.98	10.80	50.2	12.5	21	13.65	307
Q926317		5.40	0.006	0.10	6.96	10.1	1130	1.71	0.43	5.78	0.18	42.0	9.7	6	16.25	4.2
Q926318		6.36	0.010	0.06	7.32	12.5	590	1.27	0.30	3.93	0.16	46.2	8.3	6	12.20	1.6
Q926319		2.75	0.014	0.99	6.35	31.5	1280	1.23	0.28	3.47	0.26	42.8	7.5	7	12.30	8.3
Q926320		2.10	0.020	0.34	6.67	31.5	820	1.55	0.26	2.52	0.56	42.3	8.2	7	15.95	6.7
Q926321		1.43	0.009	0.28	7.06	49.8	1170	1.46	0.28	2.03	0.14	44.5	7.4	8	15.80	4.8
Q926322		5.59	<0.005	<0.01	0.06	0.6	70	0.05	0.04	20.7	0.05	1.05	0.6	1	0.15	1.8
Q926323		5.47	<0.005	0.16	7.07	17.7	940	1.34	0.46	3.28	0.12	49.1	7.3	7	24.6	9.1
Q926324		<0.02	<0.005	0.15	6.82	16.2	940	1.23	0.52	3.24	0.14	41.0	6.9	9	21.2	8.5
Q926325		1.29	0.027	1.73	6.74	86.4	850	1.30	0.38	3.69	1.11	47.4	8.5	7	15.10	13.4
Q926326		6.33	<0.005	0.10	6.55	3.9	1190	1.55	0.23	2.99	0.11	44.2	6.7	10	14.10	3.1
Q926327		7.55	<0.005	0.65	6.93	14.7	1490	1.43	1.40	3.21	0.21	47.2	10.6	6	19.95	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114870

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926292		3.22	15.35	0.10	1.1	0.050	3.13	19.4	19.0	0.80	2030	2.59	0.52	7.6	2.9	630
Q926293		4.20	15.00	0.10	1.0	0.210	3.43	22.2	13.4	1.07	5330	0.36	0.06	7.2	2.1	650
Q926294		2.67	12.25	0.09	0.9	0.047	1.82	23.5	100.5	1.08	1780	0.32	0.05	5.7	2.4	500
Q926295		3.06	13.35	0.11	1.0	0.044	2.34	25.6	59.2	0.91	3070	0.67	0.05	6.5	2.5	550
Q926296		2.81	13.95	0.10	1.0	0.042	2.62	20.8	38.3	0.85	1700	1.24	0.08	6.4	2.2	590
Q926297		4.51	12.45	0.10	0.9	0.177	2.39	23.1	44.0	0.84	8260	0.93	0.03	5.6	2.5	470
Q926298		0.47	0.20	0.08	<0.1	<0.005	0.02	0.6	1.1	12.35	215	0.16	<0.01	0.2	1.3	200
Q926299		3.54	16.35	0.07	1.2	0.052	2.52	18.2	33.1	0.79	1600	0.84	0.54	8.1	3.2	740
Q926300		3.10	15.35	0.10	1.1	0.039	2.47	19.8	18.9	0.82	929	5.22	1.39	7.4	2.8	630
Q926301		3.24	14.80	0.13	1.1	0.054	2.62	25.3	15.4	0.91	1000	5.70	1.78	7.0	3.0	660
Q926302		2.94	14.95	0.14	1.1	0.051	2.82	20.1	33.8	0.71	2060	1.42	0.07	7.2	2.8	640
Q926303		8.41	12.15	0.13	0.7	1.545	2.47	16.5	15.5	0.64	2220	16.00	0.06	4.1	13.4	430
Q926304		2.97	14.35	0.14	1.0	0.096	3.29	22.6	18.1	0.72	5550	1.86	0.03	6.7	2.5	590
Q926305		3.14	14.55	0.15	1.1	0.185	3.07	26.7	25.3	0.82	2100	1.09	0.04	6.6	2.5	550
Q926306		2.47	16.95	0.17	2.5	0.035	2.38	32.7	84.0	0.88	794	1.67	0.04	10.7	3.0	850
Q926307		2.24	16.20	0.16	2.3	0.030	2.13	29.7	96.5	0.76	813	1.25	0.04	10.3	2.7	830
Q926308		2.99	15.90	0.11	1.1	0.045	2.05	22.0	90.7	0.76	1360	0.59	0.04	7.2	2.2	660
Q926309		2.94	15.00	0.16	1.1	0.048	2.49	28.5	16.1	0.80	728	0.55	2.03	7.1	2.6	610
Q926310		2.87	14.90	0.17	1.1	0.040	2.58	27.2	24.9	0.76	748	0.52	1.39	6.8	2.5	600
Q926311		2.91	14.80	0.13	1.0	0.043	2.57	19.1	29.9	0.76	756	0.63	1.39	6.9	2.7	610
Q926312		3.38	16.15	0.16	1.2	0.047	2.68	23.6	35.4	0.79	756	0.62	1.81	8.0	2.9	730
Q926313		3.03	17.25	0.13	1.3	0.041	2.83	19.1	117.0	0.78	913	0.52	0.37	7.7	2.5	630
Q926314		2.83	13.55	0.14	1.1	0.036	2.42	18.5	34.3	0.88	866	0.37	0.87	6.2	2.3	580
Q926315		3.14	15.00	0.12	1.0	0.076	2.69	21.6	17.6	0.39	1410	1.22	0.63	6.6	2.2	640
Q926316		4.93	14.75	0.15	1.1	0.334	2.93	27.7	26.9	0.76	1840	14.25	0.15	5.9	14.6	520
Q926317		3.92	20.3	0.14	1.4	0.115	3.20	18.8	15.7	0.51	1980	0.64	0.45	7.2	2.6	700
Q926318		4.31	16.75	0.13	1.4	0.092	2.98	22.4	10.1	0.71	1460	0.77	1.74	6.8	2.4	650
Q926319		3.08	14.15	0.14	1.1	0.125	2.97	21.6	16.3	0.65	1660	1.21	0.74	6.3	2.2	560
Q926320		2.90	14.65	0.14	1.4	0.158	3.45	20.7	8.1	0.74	2960	1.14	0.43	6.8	2.3	590
Q926321		3.00	15.25	0.16	1.1	0.136	3.26	22.2	25.6	0.66	1480	1.60	0.11	6.7	2.4	590
Q926322		0.47	0.18	0.11	<0.1	<0.005	0.03	0.5	0.9	13.30	209	3.10	<0.01	0.1	1.4	200
Q926323		2.95	15.50	0.16	1.3	0.055	2.45	24.8	68.2	0.90	1190	1.05	0.07	7.3	2.5	620
Q926324		2.96	14.25	0.12	1.1	0.050	2.43	19.8	63.3	0.87	1210	0.89	0.08	6.8	2.2	630
Q926325		3.78	13.40	0.12	1.0	0.151	3.07	24.7	21.4	1.23	3310	0.36	0.09	6.2	2.5	550
Q926326		2.72	14.60	0.15	1.2	0.062	2.66	21.8	20.7	0.88	1540	0.35	0.77	7.3	2.4	590
Q926327		2.95	13.95	0.15	1.1	0.038	2.77	24.8	50.2	1.12	1760	0.14	0.11	6.0	2.4	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114870

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926292		27.4	132.5	<0.002	0.30	17.20	11.4	1	1.8	166.0	0.64	<0.05	10.5	0.278	2.02	5.6
Q926293		25.5	138.0	<0.002	1.47	17.70	10.0	1	3.7	173.0	0.58	<0.05	10.4	0.258	2.55	2.9
Q926294		147.5	89.3	<0.002	0.18	36.3	9.2	1	1.8	180.5	0.45	0.07	9.5	0.220	1.22	6.0
Q926295		51.2	127.0	<0.002	0.60	76.4	10.4	1	1.5	136.0	0.52	<0.05	11.1	0.236	1.89	5.7
Q926296		69.1	115.0	<0.002	0.22	16.85	10.1	<1	1.7	120.0	0.52	<0.05	9.6	0.255	1.81	2.9
Q926297		643	137.5	<0.002	2.30	72.1	8.9	1	1.9	121.0	0.46	<0.05	9.4	0.203	2.07	9.0
Q926298		1.9	1.1	<0.002	<0.01	0.20	0.2	<1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q926299		49.2	99.1	<0.002	0.21	19.85	15.6	1	2.4	230	0.61	<0.05	9.1	0.360	1.91	11.3
Q926300		21.7	86.8	0.002	0.17	5.25	10.7	1	2.0	344	0.59	<0.05	10.1	0.281	1.09	3.4
Q926301		19.6	99.1	<0.002	0.05	2.63	11.8	1	1.8	366	0.56	<0.05	12.2	0.275	1.12	3.8
Q926302		24.3	111.5	<0.002	0.32	15.85	11.3	1	1.8	125.5	0.59	<0.05	9.8	0.272	1.98	3.7
Q926303		1565	127.0	0.002	7.47	99.4	7.9	2	9.9	62.8	0.36	0.74	8.0	0.159	2.14	5.2
Q926304		87.3	201	<0.002	0.89	18.10	11.2	<1	1.8	80.2	0.55	<0.05	10.3	0.264	2.90	3.1
Q926305		134.0	179.5	<0.002	0.81	17.95	11.0	1	2.1	125.0	0.55	<0.05	12.4	0.240	2.51	5.8
Q926306		41.6	82.6	<0.002	0.13	11.60	7.1	1	2.0	300	0.78	<0.05	9.8	0.253	2.41	6.0
Q926307		39.5	67.4	<0.002	0.11	14.55	5.8	1	1.5	288	0.72	<0.05	8.8	0.236	2.17	5.7
Q926308		61.3	91.5	<0.002	0.21	16.45	11.9	<1	2.0	176.5	0.60	<0.05	10.5	0.279	1.63	2.9
Q926309		22.8	108.5	<0.002	0.04	2.63	12.6	1	2.0	394	0.59	<0.05	14.9	0.263	1.19	4.7
Q926310		16.4	114.0	<0.002	0.04	4.15	11.8	1	2.0	305	0.57	<0.05	13.2	0.259	1.23	4.1
Q926311		16.4	89.5	<0.002	0.04	4.35	10.7	1	2.0	310	0.58	<0.05	10.2	0.253	1.21	3.4
Q926312		18.1	103.5	<0.002	0.04	4.85	13.0	1	2.4	381	0.66	<0.05	11.7	0.305	1.23	3.8
Q926313		14.9	101.0	<0.002	0.04	18.05	11.7	<1	2.1	193.0	0.67	<0.05	11.1	0.271	1.45	3.4
Q926314		13.1	87.5	<0.002	0.12	6.55	10.1	1	1.9	258	0.53	<0.05	9.2	0.243	1.36	3.3
Q926315		14.5	120.0	<0.002	0.07	7.56	11.2	1	1.8	141.5	0.53	<0.05	11.0	0.276	1.75	3.5
Q926316		476	156.5	0.003	2.65	26.4	9.8	2	5.7	112.5	0.49	0.29	10.9	0.205	2.51	5.2
Q926317		8.3	127.5	<0.002	0.19	8.20	12.8	1	2.2	108.0	0.64	0.05	10.3	0.278	2.18	4.0
Q926318		6.7	130.5	<0.002	0.16	4.06	12.0	1	2.1	105.5	0.61	<0.05	11.2	0.265	1.83	2.6
Q926319		46.7	131.5	<0.002	0.45	6.81	10.3	1	1.7	185.0	0.54	<0.05	10.8	0.247	2.08	3.8
Q926320		19.2	189.5	<0.002	0.86	6.98	11.1	1	1.7	79.0	0.62	<0.05	11.8	0.252	2.83	13.4
Q926321		18.9	150.5	<0.002	1.15	12.70	11.1	1	2.9	70.9	0.57	<0.05	10.5	0.258	2.38	6.7
Q926322		1.2	1.2	<0.002	0.01	0.08	0.2	1	<0.2	48.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q926323		17.6	101.5	<0.002	0.10	11.95	11.5	1	1.8	133.0	0.65	<0.05	12.0	0.259	1.98	5.4
Q926324		16.5	77.7	<0.002	0.10	11.00	10.3	1	1.7	126.0	0.59	<0.05	10.2	0.264	1.85	5.0
Q926325		61.7	184.5	<0.002	0.86	18.25	10.2	1	1.9	107.5	0.52	<0.05	10.9	0.236	2.80	6.7
Q926326		12.2	128.5	<0.002	0.10	5.03	11.4	1	1.7	121.0	0.64	<0.05	12.8	0.259	1.94	5.5
Q926327		12.6	138.0	<0.002	0.37	6.85	10.0	1	1.6	87.7	0.53	0.14	11.8	0.218	1.75	7.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114870

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926292		87	3.1	13.9	105	27.0
Q926293		80	11.4	15.0	168	24.7
Q926294		63	2.0	16.2	209	21.5
Q926295		70	1.9	15.2	146	24.8
Q926296		73	2.6	13.5	113	25.2
Q926297		62	2.9	13.0	2140	23.1
Q926298		2	0.2	0.8	17	<0.5
Q926299		120	3.1	16.1	135	29.2
Q926300		77	2.7	14.1	63	27.6
Q926301		81	1.9	15.1	61	26.3
Q926302		76	3.5	11.4	83	26.4
Q926303		54	6.8	7.3	3190	19.5
Q926304		78	3.6	11.4	312	25.8
Q926305		69	3.5	11.9	398	26.9
Q926306		53	2.1	11.9	118	83.9
Q926307		49	1.9	10.8	96	84.1
Q926308		80	4.1	13.2	171	25.4
Q926309		76	0.5	17.0	51	26.1
Q926310		75	1.0	13.9	50	25.9
Q926311		73	1.0	12.3	50	25.3
Q926312		91	1.3	15.0	60	28.8
Q926313		79	1.8	13.4	64	30.0
Q926314		70	1.8	10.0	50	24.8
Q926315		82	2.7	11.9	67	26.9
Q926316		64	5.6	10.5	884	28.2
Q926317		85	1.8	11.6	76	32.0
Q926318		75	10.7	8.7	75	37.9
Q926319		72	4.1	13.5	79	32.4
Q926320		74	4.6	12.3	76	36.1
Q926321		75	4.7	10.8	51	26.9
Q926322		2	0.1	0.7	15	<0.5
Q926323		75	3.5	14.1	68	31.9
Q926324		75	3.2	12.1	69	28.3
Q926325		68	3.2	11.7	184	24.5
Q926326		71	2.8	11.4	76	29.6
Q926327		66	3.4	11.3	82	27.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114870

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

CERTIFICATE WH14114871

Project: Klaza

P.O. No.: Batch 104

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114871

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927565		2.86	0.024	0.21	6.38	37.4	2440	1.37	0.13	1.80	0.25	38.3	5.8	8	22.4	6.8
Q927566		4.05	0.016	0.54	6.32	59.1	730	1.53	0.36	2.38	0.98	41.2	6.7	7	21.4	11.5
Q927567		1.60	<0.005	0.13	6.56	20.7	1760	1.39	0.19	2.59	0.23	38.0	5.8	7	21.9	13.7
Q927568		1.06	0.159	5.38	6.37	496	1040	1.74	3.13	3.68	11.50	46.5	9.9	7	32.1	125.0
Q927569		5.81	<0.005	0.11	7.35	7.4	2300	1.62	0.17	2.73	0.21	50.4	6.6	9	14.45	8.3
Q927570		0.22	0.908	13.95	6.68	1620	360	1.57	13.35	1.88	35.0	49.2	19.0	16	14.85	295
Q927571		4.02	<0.005	0.13	7.22	7.6	2270	1.69	0.35	2.53	0.18	51.9	7.3	9	15.75	10.3
Q927572		2.31	<0.005	1.32	6.66	27.4	1600	1.47	0.25	2.10	0.39	45.3	8.2	6	25.1	38.7
Q927573		5.46	<0.005	0.11	7.27	9.7	2270	1.40	0.17	2.13	0.14	45.5	7.2	8	15.00	10.4
Q927574		0.76	0.025	1.36	7.42	107.0	760	1.58	0.37	3.31	0.98	28.4	19.6	4	21.4	22.4
Q927575		1.52	0.113	4.95	6.73	1285	1080	1.45	0.29	2.75	40.6	53.2	10.2	7	19.15	22.5
Q927576		7.38	<0.005	0.23	7.18	18.8	2000	1.49	0.21	2.20	0.70	48.6	7.3	9	19.55	7.5
Q927577		<0.02	<0.005	0.11	6.98	10.0	2270	1.62	0.17	2.52	0.25	52.7	7.2	9	12.95	13.1
Q927578		3.57	<0.005	0.11	7.32	8.5	2330	1.71	0.19	2.60	0.17	54.3	7.1	10	13.35	14.5
Q927579		3.59	<0.005	0.19	6.60	16.1	2360	1.46	0.17	2.61	0.44	43.4	7.6	9	16.60	14.0
Q927580		0.22	0.361	4.81	6.91	757	820	1.57	3.70	2.11	12.15	51.4	13.3	26	14.05	326
Q927581		4.16	0.028	0.16	7.37	7.5	2310	1.56	0.22	2.62	0.19	48.2	7.4	12	16.05	17.0
Q927582		1.73	<0.005	0.15	7.37	9.0	1650	1.39	0.20	1.49	0.26	50.9	6.3	9	23.4	25.1
Q927583		4.15	<0.005	0.19	7.21	5.3	2150	1.58	0.15	2.55	0.17	50.8	6.9	9	13.75	18.8
Q927584		3.71	<0.005	0.29	7.09	6.2	2400	1.64	0.16	2.58	0.19	50.7	7.1	10	14.90	52.4
Q927585		1.74	<0.005	0.33	7.21	5.3	2480	1.61	0.14	2.52	0.19	49.7	7.0	10	14.65	59.6
Q927586		5.96	<0.005	0.12	7.23	7.7	2200	1.70	0.26	2.53	0.18	52.5	8.5	10	14.10	50.9
Q927587		4.90	<0.005	0.22	6.89	15.4	2480	1.31	0.36	2.19	0.21	43.2	7.6	9	12.80	13.1
Q927588		3.93	<0.005	0.11	6.85	7.6	2730	1.70	0.48	2.48	0.13	46.0	6.6	9	10.35	3.5
Q927589		5.67	0.006	0.18	6.73	12.4	2800	1.61	0.50	2.43	0.67	46.1	14.5	9	8.84	2.5
Q927590		3.47	0.133	0.61	8.32	48.8	1650	1.07	0.64	1.88	2.88	63.0	16.7	7	9.51	3.0
Q927591		2.69	0.048	1.01	8.18	75.3	630	1.43	0.66	2.40	2.86	53.2	56.0	6	13.30	6.9
Q927592		1.46	0.041	1.01	8.05	124.5	430	1.42	2.06	0.67	1.16	50.1	44.9	5	12.85	5.2
Q927593		2.63	<0.005	0.11	7.13	11.5	2580	1.53	0.24	2.52	0.22	46.0	5.9	8	12.65	8.5
Q927594		6.00	<0.005	0.10	7.77	6.3	2300	1.98	0.23	2.25	0.18	48.1	7.0	9	15.75	11.7
Q927595		1.29	0.071	1.69	6.54	350	1060	1.45	2.53	3.60	1.59	51.7	11.1	9	9.45	6.7
Q927596		0.71	5.11	>100	4.10	>10000	230	0.87	0.94	2.99	195.5	25.0	3.4	4	7.26	790
Q927597		5.38	<0.005	0.60	0.08	11.0	50	0.05	0.03	21.7	0.36	1.30	0.9	<1	0.18	3.2
Q927598		4.47	0.013	1.17	7.16	26.5	2000	1.40	0.98	2.20	0.76	51.1	10.9	9	13.00	10.0
Q927599		4.86	0.007	0.31	7.33	10.9	2520	1.51	0.60	2.13	0.17	48.5	8.9	8	12.85	48.2
Q927600		5.81	<0.005	0.06	0.07	0.7	20	0.05	0.04	21.2	0.11	1.15	0.7	<1	0.15	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114871

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927565		2.22	13.20	0.14	1.0	0.032	2.26	18.6	430	0.61	1190	0.94	0.03	6.7	2.2	530
Q927566		2.54	14.45	0.13	1.1	0.038	2.40	20.6	119.0	0.79	1640	1.60	0.02	6.7	2.4	520
Q927567		2.49	17.10	0.15	1.2	0.055	3.08	16.1	96.6	0.50	754	0.88	0.49	7.7	2.2	570
Q927568		3.56	14.00	0.13	1.0	0.277	2.80	23.3	32.3	1.02	1320	23.3	0.09	6.5	3.4	520
Q927569		2.92	15.15	0.15	1.1	0.046	2.83	25.3	22.4	0.75	699	1.20	2.18	7.5	2.4	600
Q927570		6.56	15.70	0.16	1.1	0.904	2.95	24.7	21.4	0.79	1850	9.73	0.13	6.4	13.0	550
Q927571		2.81	16.05	0.17	1.1	0.039	2.72	25.4	14.8	0.73	619	1.10	2.31	7.9	2.5	580
Q927572		2.78	15.15	0.16	1.1	0.069	3.18	23.1	61.9	0.72	1040	0.97	0.41	7.4	2.3	540
Q927573		2.98	15.60	0.16	1.0	0.060	2.87	21.3	21.5	0.66	738	1.66	1.54	7.8	2.3	610
Q927574		6.67	19.55	0.12	1.4	0.150	3.51	12.2	45.7	1.57	4710	0.76	0.05	4.9	4.1	1110
Q927575		3.35	18.35	0.13	1.2	0.123	2.99	27.9	51.7	0.90	3890	4.83	0.05	7.9	2.8	600
Q927576		2.91	18.45	0.16	1.2	0.088	3.03	24.3	49.8	0.71	1120	12.00	0.57	8.9	2.6	600
Q927577		2.92	18.20	0.14	1.1	0.069	2.81	28.2	21.1	0.79	696	12.05	2.12	8.9	2.5	600
Q927578		2.97	18.50	0.15	1.1	0.076	2.87	28.8	22.5	0.82	697	12.45	2.16	9.1	2.6	600
Q927579		2.82	17.45	0.14	1.0	0.072	2.78	21.9	30.4	0.73	857	1.11	1.76	7.9	2.5	550
Q927580		5.20	17.45	0.12	1.1	0.353	3.01	29.8	27.1	0.81	1980	15.20	0.15	6.6	15.0	520
Q927581		3.09	18.00	0.13	1.1	0.078	2.61	24.4	16.7	0.76	649	10.25	2.37	8.6	2.5	600
Q927582		2.78	18.60	0.15	1.1	0.072	2.72	26.6	107.0	0.55	786	7.53	0.79	8.8	2.4	570
Q927583		2.95	17.90	0.13	1.0	0.062	2.73	26.2	15.6	0.76	635	2.06	2.26	8.5	2.4	570
Q927584		2.86	18.50	0.16	1.1	0.065	2.81	25.0	20.4	0.76	614	1.47	2.21	8.6	2.6	580
Q927585		2.86	17.75	0.14	1.1	0.058	2.76	25.5	19.4	0.76	607	1.26	2.20	8.3	2.4	570
Q927586		2.99	19.30	0.14	1.2	0.135	2.78	26.1	16.1	0.76	732	1.96	2.32	9.0	2.8	580
Q927587		3.13	17.40	0.14	1.2	0.149	3.20	20.7	31.0	0.71	946	1.25	1.19	8.3	2.3	550
Q927588		3.21	19.00	0.15	1.2	0.182	3.08	22.2	12.4	0.68	1000	0.96	1.98	9.1	2.4	570
Q927589		3.20	16.80	0.12	0.9	0.223	3.47	23.8	17.9	0.73	1460	1.65	1.30	7.9	1.9	550
Q927590		7.10	20.0	0.14	1.0	0.372	1.94	33.1	46.8	0.90	3010	0.58	3.16	9.0	2.4	650
Q927591		8.19	20.2	0.12	0.9	0.542	1.87	27.3	159.0	1.14	4570	0.16	1.51	9.0	2.4	570
Q927592		9.51	24.5	0.13	0.7	0.526	3.63	25.8	99.8	0.78	3460	0.21	0.04	6.1	2.4	520
Q927593		3.23	18.85	0.13	1.3	0.108	3.37	22.6	42.2	0.76	887	0.80	0.76	9.2	2.4	590
Q927594		3.17	17.70	0.12	1.4	0.053	3.08	24.1	25.7	0.76	647	1.26	1.65	9.1	2.5	600
Q927595		3.41	18.15	0.16	1.4	0.211	3.29	28.5	8.9	0.68	5340	1.81	0.04	7.0	3.3	580
Q927596		7.50	11.10	0.09	0.7	0.366	1.79	10.8	18.3	0.80	10500	13.10	0.02	4.5	1.5	300
Q927597		0.50	0.30	0.07	<0.1	0.005	0.04	0.6	1.2	13.15	239	0.08	0.01	0.2	1.6	180
Q927598		3.28	17.60	0.11	1.3	0.112	3.38	26.7	31.5	0.75	1400	2.28	0.80	7.7	2.7	560
Q927599		3.30	18.35	0.12	1.1	0.124	3.21	25.5	23.0	0.76	794	1.55	1.49	8.4	2.4	590
Q927600		0.45	0.24	0.07	<0.1	<0.005	0.03	0.6	1.1	12.85	210	0.11	0.01	0.2	1.5	210

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114871

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927565		17.0	85.0	<0.002	0.46	20.3	8.8	1	1.5	254	0.60	<0.05	9.8	0.229	2.22	4.0
Q927566		45.3	109.0	<0.002	0.70	27.2	9.3	1	1.9	165.5	0.59	<0.05	10.2	0.229	2.44	3.9
Q927567		21.0	117.5	<0.002	0.07	13.35	10.0	<1	1.9	202	0.70	<0.05	10.3	0.246	1.97	4.1
Q927568		540	129.0	0.004	1.35	31.7	9.1	1	3.0	240	0.56	0.24	9.6	0.222	2.50	4.9
Q927569		20.1	109.0	<0.002	0.03	2.13	10.9	1	1.6	382	0.65	<0.05	12.1	0.261	1.26	4.6
Q927570		1305	167.0	<0.002	4.73	70.5	10.5	2	8.4	106.0	0.55	1.51	11.3	0.218	2.75	5.6
Q927571		19.1	110.0	<0.002	0.02	1.81	11.0	1	1.5	396	0.67	<0.05	12.0	0.252	1.19	4.5
Q927572		18.5	134.5	<0.002	0.15	23.0	10.2	1	1.7	165.0	0.66	<0.05	11.3	0.235	2.24	4.9
Q927573		18.2	105.5	<0.002	0.04	9.02	10.9	1	1.7	293	0.64	<0.05	10.7	0.262	1.52	3.6
Q927574		122.0	173.5	<0.002	0.82	19.45	13.9	<1	2.3	125.0	0.29	<0.05	2.6	0.352	3.76	1.8
Q927575		878	139.0	<0.002	0.83	38.7	11.6	1	2.5	125.5	0.63	<0.05	10.9	0.247	2.81	4.2
Q927576		44.0	121.5	<0.002	0.10	19.65	11.2	1	2.0	174.0	0.71	<0.05	11.8	0.258	2.17	4.1
Q927577		20.7	121.0	0.002	0.05	2.98	12.4	1	2.1	357	0.70	<0.05	13.6	0.252	1.49	4.9
Q927578		18.7	122.5	0.002	0.06	2.92	12.4	1	2.3	369	0.71	<0.05	13.1	0.262	1.51	4.8
Q927579		28.9	108.5	<0.002	0.10	5.31	10.9	1	2.1	322	0.61	<0.05	10.8	0.235	1.66	4.1
Q927580		508	164.5	0.005	2.76	34.0	10.0	1	6.3	113.0	0.52	0.35	10.8	0.214	2.76	5.4
Q927581		16.7	104.0	0.002	0.06	7.08	11.8	1	2.5	375	0.68	<0.05	11.6	0.260	1.27	4.1
Q927582		16.8	116.0	0.002	0.05	25.7	11.4	1	2.2	167.0	0.73	<0.05	13.1	0.247	1.57	3.7
Q927583		18.6	108.5	<0.002	0.03	3.44	11.1	1	2.0	344	0.68	<0.05	12.6	0.249	1.27	4.4
Q927584		19.0	104.5	<0.002	0.03	5.60	11.1	1	1.8	367	0.69	<0.05	12.0	0.246	1.35	4.2
Q927585		18.8	103.5	<0.002	0.03	5.63	10.6	1	1.8	368	0.68	<0.05	12.0	0.242	1.28	4.2
Q927586		15.8	112.0	<0.002	0.05	3.88	11.7	1	2.0	335	0.75	<0.05	12.1	0.253	1.48	4.5
Q927587		15.6	122.0	<0.002	0.18	8.87	10.5	1	1.7	208	0.71	<0.05	10.5	0.233	1.96	4.1
Q927588		13.4	118.0	<0.002	0.06	3.58	11.6	1	2.2	295	0.74	<0.05	10.2	0.248	1.98	4.8
Q927589		25.3	154.0	<0.002	0.28	4.83	10.5	1	1.7	212	0.64	<0.05	11.1	0.234	2.53	4.2
Q927590		67.7	82.0	<0.002	1.22	9.10	13.8	1	1.9	178.5	0.76	0.06	16.5	0.258	1.53	4.9
Q927591		56.2	81.7	<0.002	1.24	16.80	12.2	1	1.6	152.0	0.74	<0.05	13.6	0.245	1.86	4.1
Q927592		38.7	176.0	<0.002	3.64	11.00	11.8	1	3.2	56.3	0.58	<0.05	10.9	0.216	3.55	4.8
Q927593		16.8	128.0	<0.002	0.12	7.73	11.4	1	1.9	224	0.78	<0.05	11.8	0.249	2.07	3.9
Q927594		20.5	121.5	<0.002	0.03	7.62	11.5	1	1.7	327	0.82	<0.05	12.4	0.260	1.53	4.9
Q927595		128.0	186.0	0.002	1.87	30.0	11.0	1	2.8	83.3	0.58	0.18	11.1	0.229	3.17	6.7
Q927596		8090	108.0	<0.002	7.87	1070	6.3	1	9.7	75.7	0.41	<0.05	6.2	0.134	2.05	3.0
Q927597		13.0	1.7	<0.002	0.02	2.70	0.2	1	<0.2	53.0	<0.05	<0.05	0.2	<0.005	0.02	1.0
Q927598		39.7	145.0	0.002	0.42	16.55	10.9	1	1.9	208	0.65	0.11	12.1	0.236	2.28	4.5
Q927599		16.3	132.0	<0.002	0.16	9.94	11.1	1	1.9	269	0.68	<0.05	11.6	0.244	1.84	5.1
Q927600		2.0	1.1	<0.002	<0.01	0.26	0.2	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114871

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62	As-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
Q927565		63	4.5	10.1	43	25.8			
Q927566		63	12.6	12.4	112	23.4			
Q927567		65	3.4	13.5	65	28.3			
Q927568		65	12.4	12.9	889	26.1			
Q927569		70	2.8	15.0	66	27.3			
Q927570		63	6.4	10.9	2500	32.2			
Q927571		66	2.6	15.4	55	28.8			
Q927572		64	4.9	13.3	70	27.0			
Q927573		71	2.4	13.6	59	27.3			
Q927574		139	2.9	14.6	215	49.3			
Q927575		74	3.8	16.7	2360	32.2			
Q927576		74	4.4	15.5	88	27.9			
Q927577		73	2.2	18.7	55	26.5			
Q927578		74	4.2	18.1	53	26.7			
Q927579		67	2.2	14.6	66	25.2			
Q927580		69	6.7	12.3	891	29.4			
Q927581		75	2.7	16.7	53	27.1			
Q927582		69	4.1	15.2	55	27.3			
Q927583		70	1.7	16.2	48	24.8			
Q927584		69	3.2	16.2	53	27.9			
Q927585		69	1.9	15.7	50	26.9			
Q927586		71	3.7	16.8	49	28.8			
Q927587		66	4.0	13.1	57	27.6			
Q927588		71	3.7	15.4	50	28.8			
Q927589		66	2.8	13.7	84	22.4			
Q927590		65	25.4	16.9	241	24.2			
Q927591		61	30.9	12.8	288	19.7			
Q927592		85	28.9	8.2	158	17.5			
Q927593		70	2.4	14.3	53	30.6			
Q927594		73	1.8	15.8	48	32.0			
Q927595		70	3.4	17.6	229	42.8			
Q927596		39	5.2	9.2	>10000	15.3	404	1.740	1.055
Q927597		3	0.1	0.9	47	<0.5			
Q927598		72	2.7	13.9	119	32.5			
Q927599		70	3.0	14.0	58	26.2			
Q927600		3	0.1	0.8	14	<0.5			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114871

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	ME-MS61
ME-OG62	Zn-OG62		

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

CERTIFICATE WH14114872

Project: Klaza

P.O. No.: Batch 105

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114872

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927601		5.68	0.006	0.41	6.99	18.0	2170	1.49	0.27	2.59	1.55	54.1	6.7	8	11.20	21.1
Q927602		3.95	0.052	0.11	7.62	9.7	2120	1.18	0.41	0.76	0.24	54.9	4.8	8	9.24	13.1
Q927603		4.29	0.012	0.18	7.43	18.4	1990	1.30	1.09	1.10	0.35	53.1	4.8	8	12.25	33.1
Q927604		5.06	0.009	0.14	6.94	13.2	2450	1.63	0.56	2.25	0.11	54.1	3.8	8	11.70	14.5
Q927605		2.28	0.008	0.15	6.86	14.7	2490	1.54	0.59	2.25	0.12	44.4	3.5	8	11.65	15.6
Q927606		6.32	<0.005	0.11	6.85	8.2	2380	1.35	0.77	2.43	0.11	45.5	3.2	8	9.55	11.8
Q927607		6.97	0.008	0.16	6.92	11.9	3120	1.41	0.40	2.25	0.17	42.6	3.9	8	10.40	20.9
Q927608		4.94	0.107	1.83	6.98	110.5	5020	1.28	2.55	2.84	1.28	53.9	7.8	16	14.70	195.5
Q927609		5.57	<0.005	0.02	0.06	<0.2	30	0.06	0.02	20.2	0.09	1.14	0.7	<1	0.15	2.9
Q927610		2.71	0.021	0.84	6.69	60.0	1530	1.52	0.51	2.48	0.61	55.6	3.6	14	14.95	8.7
Q927611		3.17	<0.005	0.11	6.75	6.2	2800	1.50	0.25	2.02	0.07	49.8	3.7	18	9.01	6.8
Q927612		0.23	0.381	4.34	6.26	693	470	1.46	3.13	1.94	10.45	47.9	12.4	25	11.95	316
Q927613		3.99	0.030	0.38	6.28	94.0	1770	1.17	0.29	2.88	1.44	44.4	3.5	11	10.85	8.8
Q927614		3.89	<0.005	0.10	6.97	6.8	2590	1.38	0.32	1.64	0.04	49.6	7.4	8	10.95	4.2
Q927615		4.41	<0.005	0.06	6.50	5.9	3460	1.21	0.25	2.11	0.05	45.0	7.5	7	8.36	2.4
Q927616		5.22	0.025	1.38	8.25	35.2	3640	1.26	0.60	1.55	0.06	60.6	25.2	8	8.02	176.0
Q927617		2.42	0.090	2.47	6.90	79.8	2480	1.15	1.73	1.55	0.24	51.2	12.0	8	5.58	408
Q927618		5.14	0.020	1.11	6.73	19.6	2310	1.75	0.56	2.39	6.24	48.9	12.3	9	10.80	296
Q927619		7.02	<0.005	0.67	6.87	13.6	2140	1.54	0.35	2.45	1.36	47.8	6.8	9	11.65	64.6
Q927620		4.18	0.007	2.58	6.81	59.6	1590	1.52	0.53	2.20	2.35	44.9	8.2	8	19.95	407
Q927621		2.70	<0.005	0.17	7.13	21.7	900	1.48	0.26	1.56	0.24	50.3	6.9	11	23.2	40.6
Q927622		1.77	0.031	1.00	6.73	74.2	680	2.19	0.78	2.15	1.53	46.4	10.6	7	37.2	69.3
Q927623		0.23	0.866	11.85	6.34	1505	970	1.52	11.05	1.79	32.3	47.7	18.0	17	12.45	291
Q927624		3.33	<0.005	0.06	7.48	46.7	1090	2.16	0.08	2.78	0.27	73.8	10.8	40	43.1	13.6
Q927625		2.55	0.009	3.01	6.86	26.5	2610	1.82	0.26	2.63	1.70	48.0	8.4	8	20.6	245
Q927626		6.06	<0.005	0.22	6.75	8.5	2110	1.66	0.22	2.44	0.20	45.9	7.8	9	9.77	69.3
Q927627		5.29	<0.005	0.15	6.70	11.7	2080	1.31	0.33	2.58	0.09	43.9	4.1	7	8.21	9.1
Q927628		8.77	<0.005	0.26	6.76	20.8	2260	1.42	0.39	2.42	0.16	43.0	4.2	7	6.67	7.2
Q927629		<0.02	<0.005	0.27	7.06	21.1	2300	1.49	0.36	2.52	0.14	48.7	4.1	8	6.91	8.0
Q927630		4.09	0.018	0.52	7.41	32.1	4680	1.33	0.90	2.30	0.13	51.0	27.0	7	10.70	2.3
Q927631		5.40	0.171	1.51	7.15	467	1130	1.47	0.08	2.89	5.49	45.6	8.0	10	6.90	32.9
Q927632		4.38	0.034	0.33	7.28	48.7	1130	1.46	0.15	2.90	2.17	47.5	7.9	12	7.43	12.7
Q927633		6.00	0.018	0.36	7.08	75.6	1240	1.42	0.19	2.99	0.46	47.1	7.8	9	6.89	5.1
Q927634		2.03	0.024	0.83	6.62	37.0	660	1.40	0.48	2.66	1.06	47.7	33.8	8	10.50	24.5
Q927635		5.40	<0.005	0.02	0.05	<0.2	30	0.07	0.02	20.1	0.06	1.11	0.7	<1	0.10	2.1
Q927636		5.39	0.013	0.26	6.66	21.0	1060	1.21	0.11	2.93	0.99	41.1	6.9	9	7.71	6.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114872

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927601		2.99	17.40	0.13	1.0	0.173	3.08	29.3	19.2	0.67	1300	1.79	1.01	8.1	2.4	560
Q927602		3.18	17.65	0.14	1.1	0.205	2.61	30.1	36.4	0.46	876	1.82	0.05	8.2	2.5	570
Q927603		2.86	17.75	0.14	1.1	0.201	2.74	29.4	39.7	0.59	991	1.36	0.19	8.1	2.9	520
Q927604		3.40	17.40	0.14	1.3	0.248	2.95	29.8	16.7	0.70	983	0.81	1.27	8.6	2.4	560
Q927605		3.33	17.75	0.12	1.2	0.274	3.03	21.9	16.6	0.68	1010	1.05	1.20	8.9	2.3	560
Q927606		3.27	17.65	0.12	1.0	0.191	2.83	23.2	14.6	0.72	802	0.82	1.68	8.2	2.4	590
Q927607		3.29	17.50	0.13	1.1	0.154	3.15	21.1	16.6	0.68	875	0.77	1.55	8.3	2.5	560
Q927608		4.12	17.60	0.12	1.5	0.467	2.90	29.0	49.4	0.95	2010	1.68	0.98	9.2	4.3	610
Q927609		0.46	0.24	0.07	<0.1	0.005	0.02	0.6	1.1	12.45	204	0.07	0.01	0.1	1.5	160
Q927610		3.56	16.95	0.16	1.6	0.167	2.72	28.7	64.3	0.94	2540	1.06	0.27	8.2	6.8	570
Q927611		3.45	16.70	0.18	1.9	0.125	2.74	25.1	15.3	0.93	931	0.53	1.93	9.1	7.4	610
Q927612		4.69	15.70	0.19	1.0	0.298	2.70	25.9	25.9	0.73	1900	15.30	0.14	5.8	14.4	490
Q927613		3.27	15.20	0.17	1.1	0.188	2.44	21.8	30.8	0.98	2520	0.09	1.20	7.5	3.3	550
Q927614		3.11	16.35	0.19	0.9	0.142	2.36	25.2	31.4	0.69	1030	4.36	1.98	8.0	2.6	570
Q927615		3.34	15.80	0.19	0.9	0.145	1.98	22.0	53.6	0.79	1080	0.25	1.52	7.5	2.3	570
Q927616		5.10	18.15	0.19	1.1	0.243	2.90	31.6	64.0	0.77	1700	0.08	2.26	8.7	2.7	660
Q927617		4.01	16.65	0.17	1.0	0.320	2.81	25.9	25.0	0.80	1560	0.41	1.50	7.8	2.2	580
Q927618		2.95	16.75	0.17	1.2	0.241	2.98	24.9	14.4	0.71	932	1.80	1.54	7.6	2.6	560
Q927619		2.61	16.30	0.21	1.3	0.040	2.59	23.4	13.2	0.71	819	0.64	1.87	7.4	3.5	550
Q927620		2.87	17.30	0.18	1.1	0.142	2.70	20.2	117.0	0.68	1080	0.82	0.59	7.7	2.8	550
Q927621		2.61	17.80	0.17	1.6	0.045	2.45	25.1	363	0.62	961	0.91	0.14	8.4	3.9	690
Q927622		2.55	15.65	0.17	1.2	0.120	2.40	24.1	78.6	0.92	1170	11.20	0.06	6.8	4.4	500
Q927623		6.26	16.25	0.14	1.1	0.786	2.70	25.1	20.3	0.74	1760	8.84	0.12	6.2	12.5	500
Q927624		3.19	19.55	0.17	4.2	0.039	2.28	37.4	470	1.52	913	1.01	0.05	10.5	17.7	1690
Q927625		2.77	16.70	0.18	1.3	0.056	2.82	23.8	51.8	0.84	1260	0.96	1.58	7.6	2.7	570
Q927626		2.58	17.10	0.18	1.4	0.033	2.52	20.1	19.9	0.71	663	1.28	2.17	8.0	2.5	550
Q927627		3.11	15.85	0.17	1.3	0.234	2.64	21.5	17.5	0.62	1090	1.32	1.45	7.4	2.5	580
Q927628		2.90	16.55	0.21	1.4	0.116	2.89	20.6	12.5	0.63	1080	1.57	1.50	7.8	2.2	570
Q927629		3.03	17.25	0.16	1.4	0.131	2.92	24.2	13.3	0.66	1080	1.57	1.53	8.1	2.6	570
Q927630		4.86	19.05	0.17	1.2	0.337	3.48	25.1	11.9	0.63	2230	2.87	1.04	8.2	3.1	620
Q927631		2.92	16.25	0.18	0.5	0.055	2.12	22.4	10.5	0.90	731	0.76	1.95	7.5	3.2	510
Q927632		2.85	17.40	0.17	0.7	0.084	2.15	23.4	11.4	0.94	707	0.74	2.09	8.7	3.2	490
Q927633		2.83	17.45	0.18	0.6	0.042	2.01	22.2	10.6	0.94	670	0.77	2.09	8.5	3.2	500
Q927634		2.68	15.45	0.18	0.8	0.062	2.05	23.9	11.2	0.81	1140	11.60	1.70	8.0	5.4	420
Q927635		0.43	0.16	0.13	<0.1	0.007	0.02	0.5	1.6	12.45	195	0.08	0.01	0.1	1.4	180
Q927636		2.68	15.40	0.18	0.6	0.039	2.22	19.6	9.3	0.92	870	0.66	1.86	7.9	2.9	470

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114872

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927601		58.3	134.0	<0.002	0.19	9.08	10.6	1	2.6	199.5	0.68	<0.05	12.9	0.238	1.90	4.4
Q927602		13.4	119.5	<0.002	0.09	31.8	10.7	1	2.0	77.3	0.65	<0.05	14.7	0.239	1.40	2.2
Q927603		10.5	132.5	<0.002	0.13	36.6	9.9	1	1.9	89.2	0.70	<0.05	14.5	0.231	1.72	5.9
Q927604		12.9	140.0	<0.002	0.11	9.96	11.1	1	1.8	213	0.76	<0.05	13.5	0.240	1.87	5.8
Q927605		11.8	125.5	<0.002	0.11	10.00	10.8	1	1.8	201	0.75	<0.05	10.6	0.242	1.87	4.7
Q927606		12.3	111.5	<0.002	0.02	6.04	11.3	1	2.0	263	0.64	<0.05	11.4	0.252	1.62	3.8
Q927607		19.2	113.5	<0.002	0.08	6.19	11.3	2	2.0	282	0.65	<0.05	10.8	0.250	1.65	4.1
Q927608		58.8	119.0	<0.002	0.66	57.1	11.8	1	3.2	205	0.68	0.10	12.1	0.272	2.08	7.1
Q927609		1.3	1.0	<0.002	0.01	0.18	0.2	1	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q927610		37.2	131.5	<0.002	0.54	17.30	11.8	1	2.5	141.0	0.64	<0.05	11.3	0.261	2.14	4.2
Q927611		14.8	116.5	<0.002	0.04	5.19	12.2	1	2.1	245	0.76	<0.05	11.8	0.269	1.56	3.5
Q927612		461	154.0	0.006	2.50	28.1	9.4	1	5.7	103.0	0.48	0.31	10.2	0.199	2.46	4.8
Q927613		47.7	129.5	<0.002	0.53	7.85	10.2	1	1.9	175.5	0.59	<0.05	10.2	0.236	2.11	6.9
Q927614		6.7	124.5	<0.002	0.11	6.04	11.0	<1	1.8	208	0.64	<0.05	11.9	0.238	1.86	2.7
Q927615		5.3	96.3	<0.002	0.15	5.33	10.5	1	1.7	191.5	0.61	<0.05	10.7	0.231	1.58	1.6
Q927616		10.3	103.0	<0.002	0.96	24.5	12.4	2	1.9	201	0.70	0.08	15.3	0.270	1.44	3.8
Q927617		13.8	123.0	<0.002	0.47	64.9	11.8	1	3.7	143.0	0.56	<0.05	11.5	0.254	1.73	5.8
Q927618		191.0	132.0	<0.002	0.38	4.77	10.9	2	2.2	296	0.60	<0.05	12.1	0.243	1.71	4.1
Q927619		143.0	115.0	<0.002	0.14	2.51	10.2	2	1.7	346	0.62	<0.05	11.7	0.229	1.31	3.9
Q927620		87.8	122.5	<0.002	0.35	37.2	10.5	1	2.2	200	0.61	<0.05	11.2	0.243	1.73	3.9
Q927621		14.5	101.0	<0.002	0.11	32.9	10.4	1	1.7	283	0.69	<0.05	12.1	0.259	1.44	3.4
Q927622		55.0	105.0	0.002	0.31	43.1	9.4	1	1.9	204	0.57	0.05	11.1	0.223	1.63	5.9
Q927623		1265	164.0	<0.002	4.47	66.6	9.7	2	8.2	95.4	0.50	1.15	10.8	0.200	2.53	5.5
Q927624		17.3	95.1	<0.002	0.09	22.0	9.1	1	1.3	1115	0.65	<0.05	7.4	0.430	1.45	2.6
Q927625		62.1	118.5	<0.002	0.20	15.70	10.4	2	1.8	364	0.63	<0.05	12.1	0.238	1.48	4.1
Q927626		21.1	104.0	<0.002	0.11	2.15	10.3	1	1.6	370	0.69	<0.05	12.3	0.235	1.19	4.8
Q927627		13.8	119.5	<0.002	0.07	4.78	10.4	1	1.9	229	0.60	<0.05	10.8	0.245	1.49	3.3
Q927628		17.2	118.0	<0.002	0.06	3.63	10.2	2	1.8	203	0.68	<0.05	11.2	0.234	1.71	2.4
Q927629		18.0	127.5	<0.002	0.06	3.77	10.8	1	2.0	207	0.67	<0.05	12.4	0.251	1.71	2.8
Q927630		15.1	165.5	<0.002	0.83	5.63	11.7	1	2.4	184.0	0.68	0.25	13.2	0.255	2.46	5.2
Q927631		458	85.2	<0.002	0.33	3.34	10.6	1	1.9	330	0.59	<0.05	10.1	0.270	1.00	2.4
Q927632		45.6	85.5	<0.002	0.25	1.70	11.0	1	1.9	338	0.90	0.07	11.1	0.266	1.01	3.4
Q927633		49.0	82.2	<0.002	0.25	1.43	11.4	1	1.8	346	0.75	0.11	11.6	0.270	0.97	3.3
Q927634		50.7	100.5	0.005	1.07	2.88	8.9	1	2.3	240	0.72	0.26	14.3	0.220	1.61	5.8
Q927635		1.5	0.8	<0.002	<0.01	0.06	0.2	1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q927636		58.2	87.4	<0.002	0.22	1.89	10.0	1	1.7	321	0.77	0.08	10.0	0.255	1.23	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114872

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927601		68	3.5	15.3	218	25.5
Q927602		64	3.9	13.4	65	27.1
Q927603		60	3.5	12.2	74	26.7
Q927604		69	2.4	15.9	58	30.7
Q927605		67	2.4	14.0	57	33.4
Q927606		69	2.6	14.8	53	24.2
Q927607		70	4.1	13.5	57	25.5
Q927608		75	7.7	16.9	158	55.2
Q927609		3	0.1	0.7	13	<0.5
Q927610		76	6.2	15.5	105	49.1
Q927611		75	2.9	15.3	70	67.2
Q927612		63	5.8	11.3	861	29.6
Q927613		59	3.2	13.4	178	35.4
Q927614		58	3.6	13.2	52	26.0
Q927615		57	4.0	12.3	50	25.4
Q927616		59	9.8	15.2	82	29.8
Q927617		64	12.9	12.3	88	27.5
Q927618		68	6.2	14.8	664	33.9
Q927619		63	3.3	16.0	183	38.3
Q927620		65	4.5	14.5	221	32.6
Q927621		68	4.2	14.4	60	50.9
Q927622		63	5.6	13.0	118	33.4
Q927623		60	6.8	11.6	2340	30.4
Q927624		88	4.2	13.4	113	180.0
Q927625		67	2.3	15.4	167	36.7
Q927626		64	2.0	15.7	49	37.5
Q927627		70	2.9	14.7	54	35.3
Q927628		65	2.8	14.2	52	41.3
Q927629		67	2.8	15.5	53	38.6
Q927630		76	11.3	14.7	70	33.9
Q927631		83	1.0	13.3	363	11.1
Q927632		81	0.9	14.6	199	13.1
Q927633		83	1.4	14.6	60	12.3
Q927634		66	5.1	13.3	103	17.3
Q927635		2	0.1	0.8	12	0.5
Q927636		79	2.2	12.4	96	12.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114872

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

CERTIFICATE WH14114873

Project: klaza

P.O. No.: Batch 106

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14114873

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927637		2.30	0.037	0.43	7.08	22.0	1610	1.30	0.36	2.71	3.65	47.1	11.5	8	10.60	16.9
Q927638		2.23	0.022	0.53	7.76	64.6	1000	1.30	0.82	1.75	1.10	51.3	5.2	7	10.95	30.1
Q927639		4.16	0.010	0.91	6.34	49.8	670	1.91	0.15	3.18	5.33	57.9	7.1	13	21.1	48.1
Q927640		3.39	0.026	2.01	6.03	98.8	940	2.07	0.15	2.81	3.61	54.4	6.1	13	20.2	30.9
Q927641		4.17	0.007	0.95	6.62	17.0	1410	1.45	0.27	3.15	18.20	71.1	5.4	10	10.10	78.9
Q927642		6.71	<0.005	0.44	6.72	15.4	1160	1.38	0.18	2.53	12.85	67.9	5.4	11	11.10	48.4
Q927643		1.96	<0.005	0.77	6.64	16.5	1800	1.51	0.22	2.59	2.36	44.9	6.6	6	17.30	17.9
Q927644		2.67	0.234	4.57	6.50	787	1810	1.34	0.21	2.17	1.16	42.1	6.7	5	16.35	16.4
Q927645		0.24	0.935	11.30	6.29	1535	300	1.36	12.90	1.75	32.9	46.6	17.4	15	13.80	277
Q927646		6.36	0.220	5.04	5.91	791	380	1.18	0.24	2.27	7.46	42.7	6.5	6	13.55	19.1
Q927647		5.85	<0.005	0.03	0.06	1.7	30	<0.05	0.06	19.65	0.08	1.24	0.7	1	0.17	2.7
Q927648		4.65	<0.005	0.25	6.75	45.4	1860	1.38	0.33	1.54	0.87	34.9	8.8	6	14.70	9.8
Q927649		7.49	<0.005	0.12	7.91	7.6	2210	1.24	0.37	1.09	0.24	44.9	7.2	6	14.95	11.9
Q927650		3.45	<0.005	0.11	7.34	8.0	2180	1.21	0.21	1.05	0.20	38.5	7.4	7	14.50	12.3
Q927651		8.11	<0.005	0.10	7.10	6.5	2060	1.38	0.18	1.79	0.15	40.2	7.4	6	15.90	15.1
Q927652		3.45	0.006	0.63	6.56	104.5	1450	1.60	0.34	3.43	1.13	47.1	5.4	5	18.70	11.4
Q927653		5.67	<0.005	0.16	6.83	20.4	1850	1.39	0.31	2.19	0.12	40.7	8.3	6	17.55	10.0
Q927654		3.76	0.005	0.17	6.79	12.6	2100	1.60	0.25	2.55	0.23	41.3	6.1	7	14.00	11.8
Q927655		1.22	0.119	8.81	6.57	253	1050	1.53	3.70	3.84	7.57	47.8	9.2	8	12.40	128.5
Q927656		3.08	<0.005	0.24	7.23	15.8	1360	1.43	0.53	1.63	0.28	44.1	7.3	6	11.90	12.4
Q927657		<0.02	<0.005	0.29	7.29	23.0	1330	1.49	0.34	1.65	0.28	40.6	7.2	7	12.05	13.0
Q927658		6.20	<0.005	0.11	7.43	5.2	2240	1.69	0.42	2.49	0.13	42.9	7.1	8	12.15	10.1
Q927659		1.16	<0.005	0.07	7.73	12.9	1120	1.20	0.30	3.47	0.04	36.7	12.6	3	5.99	1.7
Q927660		3.77	0.012	0.51	6.84	111.0	1770	1.38	0.18	2.36	0.27	38.7	6.9	6	19.80	10.0
Q927661		10.45	<0.005	0.08	7.40	5.0	2150	1.57	0.21	2.73	0.13	48.8	7.5	10	14.20	8.5
Q927662		2.95	<0.005	0.11	7.23	7.1	2050	1.32	0.27	1.97	0.16	41.8	6.8	7	15.65	11.1
Q927663		2.48	0.132	3.45	6.87	542	2350	1.48	3.94	3.07	13.60	47.9	9.3	9	19.00	106.0
Q927664		5.41	<0.005	0.01	0.09	0.2	30	0.06	0.02	20.3	0.07	1.38	0.8	<1	0.23	2.2
Q927665		4.31	<0.005	0.10	7.20	9.1	1930	1.15	0.37	1.52	0.22	39.4	6.8	7	19.35	11.2
Q927666		9.02	<0.005	0.10	6.85	5.0	2200	1.58	0.19	2.52	0.13	42.6	6.9	8	18.05	12.2
Q927667		0.25	1.615	37.2	5.46	2460	330	1.07	32.3	1.54	45.4	36.1	16.2	18	10.15	1175
Q927668		3.32	0.054	30.6	6.61	792	2290	1.35	0.24	2.56	7.66	43.4	6.5	5	21.3	29.0
Q927669		7.09	<0.005	0.18	6.56	13.6	1510	1.30	0.18	2.13	0.35	39.5	6.9	6	20.9	12.8
Q927670		5.34	<0.005	0.35	7.18	22.4	2490	1.54	0.34	2.55	0.15	42.7	6.4	7	32.5	16.8
Q927671		3.38	<0.005	1.51	6.61	32.9	2430	1.55	3.86	2.82	0.09	42.2	3.8	6	21.7	96.2
Q927672		2.28	<0.005	0.12	7.07	7.3	2150	1.59	0.25	2.57	0.14	42.7	6.9	7	30.3	12.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14114873

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927637		2.70	15.65	0.23	0.9	0.062	3.10	21.8	10.1	0.88	1070	4.53	1.80	9.4	3.6	500
Q927638		2.99	16.75	0.24	0.6	0.088	2.63	26.7	26.1	0.68	997	1.33	0.42	8.4	2.7	540
Q927639		2.33	15.85	0.20	3.2	0.023	2.42	31.0	45.3	1.24	1160	1.58	0.03	9.0	5.7	950
Q927640		1.94	14.65	0.21	3.0	0.024	2.31	29.0	24.1	1.02	1140	2.12	0.04	8.5	5.0	880
Q927641		2.29	16.35	0.18	2.5	0.064	0.63	37.7	110.5	1.16	882	2.10	0.02	10.8	2.8	830
Q927642		2.28	16.35	0.19	2.5	0.046	0.86	35.4	97.5	0.94	845	2.54	0.02	10.7	2.8	840
Q927643		2.59	15.65	0.18	1.1	0.056	2.94	21.6	23.9	0.64	1620	0.66	1.16	7.8	2.4	570
Q927644		2.80	15.40	0.17	1.2	0.085	3.74	21.0	49.0	0.54	2600	2.46	0.35	7.5	1.8	530
Q927645		6.08	15.10	0.15	1.1	0.798	2.85	24.5	20.5	0.73	1740	9.43	0.12	6.3	12.1	520
Q927646		3.14	13.35	0.13	1.1	0.130	2.65	23.0	51.8	0.76	4600	3.87	0.03	6.3	2.3	450
Q927647		0.43	0.22	0.16	<0.1	0.010	0.02	0.6	1.3	12.30	192	0.09	<0.01	0.2	1.4	180
Q927648		2.65	16.55	0.14	1.2	0.057	2.83	16.7	60.5	0.49	1140	2.33	0.08	8.2	2.3	540
Q927649		2.83	17.65	0.15	1.3	0.043	2.84	22.7	30.6	0.32	729	1.97	0.20	8.9	2.1	600
Q927650		2.77	17.40	0.13	1.3	0.039	2.84	19.0	30.7	0.28	735	2.07	0.20	8.8	2.4	570
Q927651		2.83	16.60	0.13	1.3	0.037	2.76	19.6	24.6	0.43	714	1.83	0.98	8.4	2.2	560
Q927652		2.98	15.95	0.14	1.0	0.197	3.17	25.5	21.8	1.15	2840	2.20	0.13	7.4	2.3	510
Q927653		2.57	15.35	0.12	1.1	0.072	3.06	20.3	32.4	0.73	856	2.77	0.83	7.8	2.0	520
Q927654		2.74	15.95	0.14	1.1	0.077	2.84	20.1	11.9	0.67	819	4.98	1.88	8.0	2.2	520
Q927655		3.41	15.00	0.13	0.9	0.125	1.91	25.8	32.7	1.32	1480	47.7	0.06	6.4	3.5	520
Q927656		2.59	16.55	0.15	1.5	0.059	2.46	22.0	33.0	0.59	750	6.34	0.67	8.9	2.3	550
Q927657		2.64	17.15	0.10	1.6	0.058	2.54	19.7	34.6	0.59	761	5.76	0.68	9.1	2.5	560
Q927658		2.73	16.35	0.10	1.2	0.039	2.64	21.5	15.1	0.69	634	4.17	2.30	8.3	2.4	560
Q927659		5.74	20.5	0.13	1.3	0.109	1.73	16.4	16.6	1.87	1420	0.83	2.42	5.8	4.1	1210
Q927660		2.73	16.35	0.14	1.3	0.071	2.86	18.7	25.9	0.72	1230	1.89	0.74	7.7	2.4	560
Q927661		2.96	16.25	0.14	1.4	0.045	2.73	24.4	19.3	0.81	759	2.01	2.30	8.4	2.5	610
Q927662		2.69	17.10	0.11	1.5	0.040	2.74	20.3	29.6	0.59	722	2.32	1.16	8.9	2.3	590
Q927663		3.69	15.70	0.14	1.1	0.750	2.91	26.1	36.5	1.10	1970	15.30	0.09	7.4	3.8	590
Q927664		0.44	0.46	0.17	<0.1	0.006	0.03	0.7	1.4	12.60	198	0.24	0.01	0.2	1.4	200
Q927665		2.70	16.75	0.15	1.5	0.041	2.70	19.5	39.7	0.47	744	2.02	0.43	8.5	2.2	560
Q927666		2.66	16.45	0.12	1.4	0.037	2.76	20.6	16.3	0.66	709	2.23	2.13	8.3	2.2	540
Q927667		8.31	13.85	0.14	0.8	1.495	2.54	18.5	15.5	0.64	2230	17.35	0.06	4.8	13.7	410
Q927668		2.74	14.90	0.13	1.3	0.031	2.81	22.9	47.0	0.84	2240	2.20	0.24	7.2	2.3	480
Q927669		2.53	14.80	0.13	1.3	0.037	2.56	20.1	59.9	0.75	970	1.75	0.15	7.2	2.2	490
Q927670		2.81	16.65	0.13	1.4	0.063	3.10	21.2	13.8	0.58	673	2.07	1.84	8.4	2.3	580
Q927671		2.60	15.70	0.16	1.2	0.185	2.80	21.3	22.5	0.78	799	4.13	1.05	7.9	2.1	510
Q927672		2.83	16.15	0.15	1.3	0.047	2.90	21.0	10.5	0.63	666	2.67	2.20	8.3	2.4	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14114873

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927637		68.8	118.5	<0.002	0.49	4.21	10.2	1	2.6	311	1.20	0.09	15.8	0.257	1.86	4.6
Q927638		62.1	120.5	<0.002	0.75	11.80	11.0	<1	2.5	135.5	0.77	0.09	15.8	0.280	2.00	3.7
Q927639		41.7	141.0	<0.002	0.44	13.65	6.1	1	1.3	257	0.66	<0.05	10.3	0.251	3.44	6.6
Q927640		31.8	133.5	<0.002	0.63	15.35	5.5	1	1.3	131.5	0.63	<0.05	9.8	0.240	3.50	4.5
Q927641		154.5	27.6	<0.002	0.11	6.07	5.5	1	1.3	404	0.79	<0.05	12.2	0.226	0.72	5.6
Q927642		65.0	35.0	<0.002	0.10	7.08	5.5	1	1.4	297	0.77	<0.05	12.1	0.233	0.93	6.4
Q927643		143.5	113.5	<0.002	0.10	7.16	9.7	1	1.5	270	0.70	<0.05	14.0	0.236	1.95	4.3
Q927644		123.5	171.5	<0.002	1.14	44.7	9.1	1	1.8	122.5	0.66	<0.05	13.7	0.218	2.86	5.1
Q927645		1250	162.0	<0.002	4.48	59.7	9.0	2	8.0	93.2	0.57	1.19	12.9	0.196	2.73	5.1
Q927646		228	159.0	<0.002	1.79	43.0	7.8	1	2.0	96.5	0.55	<0.05	12.7	0.190	2.50	5.6
Q927647		2.4	1.3	<0.002	0.01	0.20	0.1	<1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q927648		22.9	106.0	<0.002	0.19	26.6	10.2	1	1.7	93.2	0.68	<0.05	11.2	0.248	1.61	5.2
Q927649		18.8	119.0	<0.002	0.02	25.7	10.9	1	1.7	85.9	0.71	<0.05	13.5	0.267	1.22	2.7
Q927650		18.6	115.0	<0.002	0.02	27.4	10.9	1	1.8	84.9	0.70	<0.05	12.2	0.259	1.22	2.8
Q927651		20.4	99.5	<0.002	0.01	10.60	10.2	1	2.0	167.5	0.67	<0.05	12.6	0.258	1.17	3.3
Q927652		32.3	158.5	<0.002	0.33	14.80	9.6	1	1.6	79.8	0.58	<0.05	12.8	0.218	2.70	7.9
Q927653		16.1	116.0	<0.002	0.10	10.50	9.3	1	1.6	158.0	0.64	<0.05	11.9	0.237	1.81	4.6
Q927654		21.5	107.5	<0.002	0.06	3.48	9.9	1	2.0	315	0.61	<0.05	11.2	0.244	1.30	3.5
Q927655		577	96.3	0.005	1.01	27.8	8.9	1	3.3	168.0	0.49	0.14	11.0	0.217	1.38	13.7
Q927656		18.6	94.4	<0.002	0.13	4.87	9.8	1	1.7	126.5	0.78	<0.05	13.0	0.246	1.15	5.1
Q927657		20.3	92.8	<0.002	0.14	5.17	9.9	1	1.8	129.0	0.81	<0.05	12.7	0.249	1.24	5.6
Q927658		19.1	103.5	<0.002	0.01	1.15	10.2	1	1.7	383	0.67	<0.05	12.2	0.248	1.00	4.1
Q927659		16.5	72.7	<0.002	0.02	4.85	13.5	2	1.4	409	0.32	<0.05	2.7	0.418	1.38	1.9
Q927660		18.7	104.0	<0.002	0.15	12.10	9.7	1	1.7	168.0	0.61	<0.05	11.0	0.244	1.57	4.9
Q927661		18.5	101.0	<0.002	0.02	1.14	10.6	1	1.7	378	0.68	<0.05	12.3	0.266	1.10	4.0
Q927662		18.8	101.5	0.002	0.02	7.34	10.8	1	1.8	226	0.70	<0.05	11.3	0.265	1.17	4.2
Q927663		417	137.0	0.002	1.04	32.1	9.5	1	2.5	156.5	0.58	0.10	11.2	0.251	2.04	5.1
Q927664		1.8	1.5	<0.002	<0.01	0.05	0.2	1	<0.2	46.3	<0.05	<0.05	0.2	<0.005	<0.02	0.6
Q927665		18.5	99.9	<0.002	0.02	19.60	10.1	1	1.8	118.0	0.70	<0.05	12.2	0.248	1.23	4.1
Q927666		19.1	102.0	<0.002	0.02	3.08	9.7	1	1.8	368	0.66	<0.05	12.2	0.245	1.18	4.1
Q927667		1560	143.0	0.003	7.49	99.8	7.8	2	10.6	60.6	0.37	0.64	8.7	0.162	2.09	5.4
Q927668		2260	109.5	<0.002	0.33	43.7	8.8	1	2.2	140.5	0.60	<0.05	12.3	0.217	1.97	5.6
Q927669		17.6	95.2	<0.002	0.12	22.3	8.7	1	1.6	127.5	0.58	<0.05	11.5	0.222	1.73	4.7
Q927670		58.5	123.5	<0.002	0.02	5.71	10.1	1	1.9	342	0.65	<0.05	12.6	0.257	1.61	3.6
Q927671		12.1	126.0	<0.002	0.13	23.2	9.1	1	1.9	181.0	0.62	<0.05	12.8	0.231	2.18	3.9
Q927672		20.0	111.5	<0.002	0.01	3.50	9.7	1	1.9	377	0.63	<0.05	12.1	0.253	1.39	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14114873

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927637		76	2.6	15.5	320	16.1
Q927638		87	2.9	15.0	138	11.4
Q927639		53	4.5	12.1	405	116.5
Q927640		49	5.8	11.6	285	109.5
Q927641		44	3.6	12.9	857	79.7
Q927642		44	5.5	12.5	623	77.6
Q927643		66	1.4	14.3	313	23.6
Q927644		60	5.2	13.7	176	29.2
Q927645		59	6.5	11.7	2360	28.0
Q927646		52	8.7	11.9	959	28.1
Q927647		2	0.1	0.8	15	<0.5
Q927648		68	4.8	13.2	150	33.4
Q927649		69	8.2	15.8	64	35.1
Q927650		67	8.4	14.0	64	34.4
Q927651		67	5.2	15.2	57	36.2
Q927652		59	3.0	15.6	126	28.9
Q927653		63	2.7	13.7	52	30.8
Q927654		65	2.5	14.4	58	29.6
Q927655		67	8.3	14.7	533	25.2
Q927656		65	2.8	15.3	67	39.7
Q927657		67	2.9	15.0	68	39.7
Q927658		67	1.4	16.0	54	31.2
Q927659		146	1.0	15.0	193	46.1
Q927660		69	2.3	14.9	62	35.3
Q927661		74	1.8	17.6	59	39.1
Q927662		70	2.8	15.9	62	41.5
Q927663		73	6.8	15.7	1100	30.6
Q927664		2	0.1	0.8	16	0.6
Q927665		66	3.7	14.7	68	39.0
Q927666		65	2.9	15.2	52	39.7
Q927667		53	7.1	9.0	3230	23.1
Q927668		58	5.7	14.3	523	35.2
Q927669		61	3.7	14.1	65	35.4
Q927670		68	2.7	15.4	55	41.2
Q927671		61	3.4	14.0	52	33.1
Q927672		68	3.6	15.0	50	36.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: klaza

CERTIFICATE OF ANALYSIS WH14114873

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

CERTIFICATE WH14114874

Project: Klaza

P.O. No.: Batch 107

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

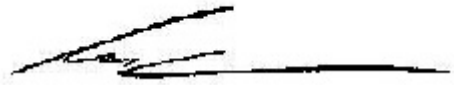
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114874

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926328		2.68	<0.005	0.16	6.73	13.4	1420	1.48	0.31	2.31	0.27	41.7	7.2	6	14.95	14.7
Q926329		3.93	<0.005	0.06	6.88	6.2	920	1.34	0.13	1.93	0.12	36.2	7.7	11	13.80	9.0
Q926330		8.84	0.034	0.92	4.91	129.5	480	1.15	0.16	3.90	2.57	35.3	6.7	6	13.05	16.1
Q926331		5.52	<0.005	0.01	0.09	<0.2	70	0.05	0.02	20.2	0.05	1.20	0.7	<1	0.19	1.7
Q926332		3.08	<0.005	1.84	6.24	6.8	1970	1.41	3.48	3.19	0.28	36.9	7.4	7	9.28	11.1
Q926333		7.42	<0.005	4.46	7.30	5.5	2680	1.14	9.55	1.88	0.17	41.5	8.4	7	12.10	8.1
Q926334		2.88	<0.005	0.61	6.80	11.1	1440	1.35	2.29	2.99	0.12	46.0	7.3	6	13.90	6.6
Q926335		1.55	0.007	0.19	6.72	19.1	1570	1.46	0.41	3.04	0.14	43.2	8.2	5	14.90	7.9
Q926336		6.15	0.006	0.94	5.93	20.2	810	1.28	0.27	2.38	0.37	42.3	8.1	5	15.80	8.3
Q926337		3.80	<0.005	0.16	7.03	14.3	2910	1.46	0.23	2.36	0.09	47.7	6.9	7	14.45	11.2
Q926338		6.87	<0.005	0.08	6.62	4.6	1690	1.39	0.19	2.24	0.08	34.4	6.9	7	10.65	12.9
Q926339		<0.02	<0.005	0.06	7.02	5.8	1710	1.31	0.19	2.28	0.09	37.4	6.8	8	10.20	12.8
Q926340		3.84	0.017	0.53	6.78	233	670	1.28	0.21	3.36	0.67	45.7	8.6	7	11.85	5.9
Q926341		0.28	0.885	10.85	6.43	1560	540	1.21	12.60	1.76	31.2	43.3	16.6	16	12.60	287
Q926342		5.28	0.023	0.60	6.62	190.0	1050	1.45	0.59	2.25	0.44	44.2	8.4	7	12.90	5.9
Q926343		2.89	0.060	1.30	5.91	352	960	1.16	0.25	4.28	13.50	41.9	6.8	5	13.70	8.2
Q926344		0.26	1.585	37.8	5.48	2490	140	1.01	39.6	1.54	43.7	31.8	15.5	19	9.23	1195
Q926345		3.52	0.603	12.25	4.60	562	170	0.89	1.79	4.26	22.3	35.8	17.2	<1	14.75	42.2
Q926346		2.50	0.008	0.80	7.47	30.5	870	1.35	0.21	1.34	0.63	42.5	9.2	7	9.63	210
Q926347		11.07	<0.005	0.14	7.09	5.9	2230	1.33	0.16	2.78	0.17	44.3	8.3	10	12.95	23.1
Q926348		3.26	0.005	0.70	7.60	36.0	1970	1.23	0.13	1.80	0.38	39.0	8.0	7	10.55	22.1
Q926349		3.52	0.059	2.69	6.56	199.0	1730	1.30	0.30	2.74	7.26	46.1	8.3	6	16.70	25.8
Q926350		2.69	<0.005	0.12	6.99	26.4	1980	1.41	0.19	2.69	0.13	38.0	8.1	9	11.80	12.4
Q926351		7.28	<0.005	0.36	7.58	23.5	1980	1.34	0.16	1.98	1.66	40.9	7.9	8	14.90	56.6
Q926352		5.73	0.012	0.82	6.94	135.5	1600	1.32	0.22	2.69	2.56	40.7	7.4	8	17.35	19.5
Q926353		4.70	0.127	3.13	6.86	245	1270	1.34	0.53	2.37	11.50	40.2	6.9	7	13.40	40.4
Q926354		5.73	<0.005	0.03	0.06	2.2	20	0.08	0.03	20.3	0.10	1.18	0.7	<1	0.19	2.3
Q926355		4.84	<0.005	0.16	6.52	24.0	920	1.32	0.47	4.34	0.38	49.0	6.0	6	18.20	13.6
Q926356		8.15	0.210	2.18	7.01	2610	1670	1.43	0.35	3.32	3.69	48.2	9.6	9	21.6	55.3
Q926357		4.23	0.006	0.22	6.80	65.9	2270	2.08	0.88	3.52	0.68	39.0	9.6	6	56.1	5.8
Q926358		1.50	0.049	2.05	7.40	286	1180	1.73	0.46	2.90	2.99	48.2	8.6	8	30.1	20.6
Q926359		4.17	0.015	0.92	6.66	31.9	1730	1.15	0.39	3.16	1.70	43.0	7.7	7	17.30	30.4
Q926360		5.38	<0.005	0.14	7.47	7.2	2080	1.47	0.22	3.06	0.12	42.9	8.6	9	20.1	11.2
Q926361		11.56	<0.005	0.15	7.29	7.2	2110	1.43	0.24	2.96	0.26	41.6	8.5	9	12.60	11.7
Q926362		6.69	<0.005	0.12	7.08	5.2	2470	1.33	0.42	3.11	0.11	44.2	8.4	8	14.30	6.5
Q926363		2.99	<0.005	0.13	7.29	10.6	1150	1.31	0.17	2.86	0.38	45.1	6.7	8	20.2	6.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114874

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926328		2.80	15.20	0.17	1.2	0.038	2.53	21.2	37.3	0.78	1580	0.29	0.07	7.7	2.3	550
Q926329		3.05	16.70	0.11	1.6	0.039	2.23	16.5	38.9	0.70	1060	0.55	0.05	9.0	2.6	620
Q926330		2.61	11.25	0.12	0.8	0.099	2.21	19.4	34.2	0.97	4430	1.60	0.02	5.1	2.2	360
Q926331		0.44	0.44	0.18	<0.1	<0.005	0.03	0.6	1.4	12.45	206	0.08	<0.01	0.2	1.3	150
Q926332		2.70	15.30	0.19	1.0	0.041	2.39	17.7	17.1	0.81	1140	0.25	1.32	7.2	2.2	550
Q926333		3.03	16.10	0.16	1.1	0.048	2.70	20.4	29.6	0.75	1020	0.31	0.19	7.7	2.6	620
Q926334		3.18	14.35	0.14	0.9	0.082	2.67	24.8	27.8	1.09	1800	0.30	0.06	7.0	2.3	580
Q926335		3.28	14.85	0.13	1.0	0.111	2.88	23.4	22.7	1.03	1920	0.39	0.05	6.8	2.2	540
Q926336		3.14	13.00	0.12	0.9	0.081	2.57	22.9	34.7	0.97	2020	0.39	0.03	6.2	2.5	470
Q926337		3.11	15.95	0.14	1.1	0.088	3.16	24.8	30.3	0.77	1320	0.72	0.17	8.0	2.5	590
Q926338		2.78	15.90	0.14	1.1	0.038	2.92	16.3	21.7	0.52	910	7.68	0.28	7.9	2.1	590
Q926339		2.81	15.60	0.14	1.2	0.043	2.92	17.7	21.7	0.54	913	5.94	0.30	7.5	2.6	630
Q926340		3.37	13.80	0.17	1.0	0.073	3.27	25.5	16.5	0.97	4170	2.99	0.03	6.3	2.5	550
Q926341		6.11	14.35	0.16	0.9	0.745	2.78	24.0	16.8	0.74	1780	8.26	0.12	5.8	11.2	540
Q926342		3.28	15.50	0.18	1.0	0.084	3.17	24.4	22.2	0.89	2500	0.69	0.05	6.4	2.4	560
Q926343		3.59	12.70	0.18	1.0	0.141	2.84	23.0	15.7	1.36	6460	1.17	0.09	5.7	2.5	470
Q926344		8.34	13.05	0.13	0.8	1.440	2.55	16.6	13.8	0.64	2220	16.45	0.06	4.3	13.2	440
Q926345		7.55	10.60	0.11	0.6	0.336	1.99	19.1	31.4	1.17	20200	1.36	0.03	4.9	2.5	470
Q926346		2.41	16.00	0.13	1.0	0.072	1.78	22.8	43.0	0.48	1270	0.53	0.04	7.6	2.8	650
Q926347		3.09	15.85	0.17	1.1	0.041	2.55	22.4	18.6	0.74	806	0.60	1.30	7.6	2.8	660
Q926348		2.88	16.85	0.19	1.0	0.053	2.92	18.6	36.2	0.55	1220	0.58	0.12	7.8	2.7	680
Q926349		3.77	14.55	0.17	0.8	0.115	2.97	26.0	13.5	0.81	6640	0.59	0.96	6.5	2.6	550
Q926350		3.13	15.30	0.18	0.9	0.056	2.79	19.2	13.0	0.80	1230	0.51	1.41	7.0	2.6	600
Q926351		3.11	16.60	0.18	1.0	0.056	2.85	21.0	26.8	0.62	1260	0.57	0.37	7.8	2.6	690
Q926352		3.27	13.80	0.18	0.9	0.076	3.12	21.7	28.8	0.85	2730	0.65	0.61	6.5	2.4	580
Q926353		3.60	14.60	0.16	0.8	0.176	3.25	21.7	16.7	0.72	3320	0.36	0.36	6.5	2.3	580
Q926354		0.46	0.26	0.24	<0.1	0.008	0.03	0.6	1.0	12.80	214	0.09	0.01	0.2	2.0	200
Q926355		2.14	13.90	0.19	1.0	0.052	2.67	27.6	37.8	0.87	1920	0.81	0.22	6.4	2.3	530
Q926356		3.16	16.00	0.18	1.1	0.071	3.29	24.6	24.4	0.78	3120	0.39	0.33	7.9	3.4	680
Q926357		2.85	16.45	0.16	1.1	0.193	2.36	20.0	41.1	0.80	1700	0.50	0.05	7.3	2.7	610
Q926358		2.73	16.40	0.20	1.4	0.060	2.98	25.2	25.3	0.99	1560	0.91	0.16	8.3	3.1	740
Q926359		2.95	14.25	0.19	0.9	0.071	2.76	22.7	46.5	0.87	1570	0.77	0.10	6.6	3.8	610
Q926360		3.39	15.95	0.18	1.1	0.047	2.46	21.7	16.1	0.86	720	0.80	1.80	7.6	3.0	780
Q926361		3.24	15.95	0.19	1.1	0.055	2.58	20.6	14.9	0.89	889	1.02	1.82	7.4	2.8	680
Q926362		3.04	14.95	0.22	1.0	0.041	2.29	23.9	18.1	0.96	730	0.92	1.01	7.0	2.6	650
Q926363		2.53	15.50	0.20	1.1	0.041	2.35	23.5	60.5	0.87	883	0.63	0.07	7.5	2.2	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114874

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926328		15.0	106.0	<0.002	0.15	13.40	10.5	1	1.6	89.6	0.66	<0.05	12.1	0.258	1.76	9.0
Q926329		14.7	71.2	<0.002	0.02	15.55	12.3	1	2.0	85.6	0.78	<0.05	11.9	0.275	1.19	3.0
Q926330		134.5	141.5	<0.002	0.63	42.2	7.6	1	2.1	92.2	0.42	<0.05	8.7	0.183	2.05	6.4
Q926331		1.6	1.3	<0.002	0.01	0.06	0.2	1	<0.2	45.5	<0.05	<0.05	0.2	<0.005	0.02	0.8
Q926332		45.7	87.5	<0.002	0.06	8.11	9.8	1	1.6	251	0.56	0.20	9.1	0.243	1.29	3.7
Q926333		88.1	94.2	<0.002	0.09	8.27	10.6	1	2.0	124.5	0.58	0.10	10.7	0.274	1.38	2.6
Q926334		20.5	144.0	<0.002	0.21	13.75	10.3	<1	1.8	114.0	0.52	<0.05	11.8	0.253	1.79	5.6
Q926335		18.2	163.5	<0.002	0.37	14.50	10.3	1	2.2	113.0	0.54	<0.05	11.3	0.244	2.14	7.9
Q926336		15.9	167.5	<0.002	0.43	21.6	9.2	1	1.4	70.3	0.47	<0.05	11.4	0.211	1.84	2.9
Q926337		16.6	142.5	<0.002	0.28	11.75	11.2	1	1.7	116.5	0.65	<0.05	13.5	0.261	2.07	7.0
Q926338		13.4	100.5	0.002	0.04	12.15	9.8	1	1.7	117.5	0.67	<0.05	10.9	0.263	1.48	2.4
Q926339		14.4	101.5	<0.002	0.04	11.70	10.2	1	2.0	119.0	0.68	<0.05	11.8	0.268	1.42	2.3
Q926340		37.9	214	<0.002	0.63	14.20	9.2	1	1.8	76.9	0.53	0.05	12.5	0.228	2.59	6.6
Q926341		1250	153.0	<0.002	4.56	59.7	8.3	2	7.7	90.5	0.46	1.22	11.0	0.199	2.45	4.9
Q926342		45.4	191.0	<0.002	0.70	14.30	9.8	1	2.1	61.9	0.54	<0.05	12.1	0.232	2.49	5.8
Q926343		271	175.5	<0.002	0.58	19.15	8.6	1	1.8	111.5	0.49	<0.05	11.9	0.203	2.32	6.3
Q926344		1600	134.0	0.003	7.63	103.5	7.5	1	10.1	58.4	0.35	0.78	8.1	0.163	2.13	5.0
Q926345		2460	107.0	<0.002	4.34	44.4	8.2	1	2.3	124.5	0.37	0.29	7.4	0.187	2.04	4.7
Q926346		22.7	74.2	<0.002	0.09	43.4	10.5	1	1.8	78.7	0.63	<0.05	11.5	0.264	1.05	2.4
Q926347		22.8	86.8	<0.002	0.03	6.60	11.0	1	1.8	324	0.63	<0.05	11.4	0.283	1.03	3.1
Q926348		27.9	104.5	<0.002	0.16	13.75	10.7	1	1.9	151.5	0.62	<0.05	10.4	0.287	1.31	4.0
Q926349		807	138.5	<0.002	0.54	56.1	9.5	1	2.0	253	0.52	<0.05	11.0	0.236	1.87	4.1
Q926350		29.0	106.5	<0.002	0.18	10.65	9.8	1	1.6	333	0.53	<0.05	9.9	0.255	1.44	2.9
Q926351		69.5	101.0	<0.002	0.11	17.45	10.9	1	1.9	195.5	0.58	<0.05	11.0	0.284	1.31	3.8
Q926352		156.0	148.5	<0.002	0.50	18.05	9.8	1	1.7	204	0.52	<0.05	10.3	0.247	2.02	5.9
Q926353		513	167.5	<0.002	1.41	20.7	9.6	1	2.3	109.0	0.50	<0.05	10.5	0.242	2.40	4.8
Q926354		3.8	1.7	<0.002	<0.01	0.22	0.2	1	0.2	43.2	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
Q926355		15.6	114.0	<0.002	0.18	15.10	8.5	1	1.7	176.0	0.52	<0.05	11.1	0.226	2.17	5.0
Q926356		213	157.0	<0.002	0.64	43.7	12.1	1	2.3	195.5	0.61	<0.05	12.0	0.283	2.60	8.8
Q926357		42.8	94.1	<0.002	0.39	13.00	10.2	1	2.9	245	0.58	<0.05	10.2	0.258	1.74	3.5
Q926358		198.0	127.0	<0.002	0.32	15.10	10.6	1	1.8	217	0.60	<0.05	9.7	0.276	2.51	5.4
Q926359		110.5	112.0	<0.002	0.34	16.30	10.0	1	2.1	190.5	0.49	<0.05	9.8	0.254	1.64	3.7
Q926360		22.5	86.0	<0.002	0.02	3.49	12.0	1	1.8	434	0.52	<0.05	9.8	0.308	1.04	2.9
Q926361		25.9	89.7	<0.002	0.08	3.19	11.1	1	2.1	418	0.55	<0.05	10.2	0.285	1.11	3.4
Q926362		19.7	86.1	<0.002	0.03	3.96	10.5	1	1.4	379	0.53	<0.05	10.7	0.269	0.98	3.3
Q926363		22.5	80.9	<0.002	0.08	8.06	11.0	1	1.6	197.5	0.57	<0.05	11.0	0.277	1.52	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114874

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926328		74	2.2	14.2	87	30.0
Q926329		80	4.2	14.1	65	36.4
Q926330		54	3.0	11.6	238	20.4
Q926331		2	0.2	0.8	14	0.7
Q926332		70	1.7	12.1	117	24.7
Q926333		78	3.0	13.3	104	26.5
Q926334		71	2.0	15.9	81	23.6
Q926335		71	2.0	15.4	80	23.6
Q926336		64	6.8	13.5	90	25.5
Q926337		75	3.0	15.0	62	27.1
Q926338		74	2.6	11.5	51	27.8
Q926339		76	2.6	12.6	54	28.4
Q926340		65	2.9	13.6	165	25.0
Q926341		60	5.6	10.6	2410	26.8
Q926342		68	4.6	12.1	96	24.1
Q926343		59	2.9	14.7	1270	23.9
Q926344		54	6.7	8.6	3380	21.1
Q926345		58	3.3	14.1	1720	14.6
Q926346		64	19.1	13.4	83	24.3
Q926347		82	3.4	15.6	60	25.1
Q926348		80	5.8	13.7	99	24.7
Q926349		66	2.8	14.2	647	21.0
Q926350		73	2.2	13.3	57	21.9
Q926351		81	4.8	14.5	192	25.1
Q926352		71	2.4	13.9	269	20.9
Q926353		67	3.6	11.0	1120	20.7
Q926354		2	0.1	0.7	17	<0.5
Q926355		65	1.6	13.8	97	23.8
Q926356		84	2.7	16.1	486	26.8
Q926357		79	5.0	13.2	131	26.5
Q926358		76	8.1	13.9	242	40.2
Q926359		72	3.2	15.0	212	23.8
Q926360		94	1.4	15.6	64	27.2
Q926361		82	1.1	14.9	79	27.4
Q926362		76	1.4	15.3	60	25.3
Q926363		79	1.6	15.0	77	27.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114874

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

CERTIFICATE WH14114875

Project: Klaza

P.O. No.: Batch 108

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

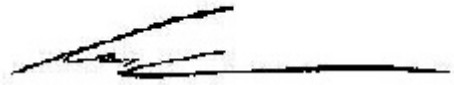
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114875

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927673		2.35	<0.005	0.16	7.08	18.2	1240	1.44	0.34	2.52	0.13	42.6	5.0	11	21.5	10.4
Q927674		0.24	1.595	36.9	5.49	2440	130	1.14	38.1	1.53	43.1	32.6	15.9	19	9.42	1140
Q927675		2.88	0.192	2.17	5.86	411	260	1.32	0.44	3.01	7.21	42.5	4.0	6	14.65	9.7
Q927676		2.96	<0.005	0.12	7.25	11.6	2130	1.46	0.24	2.34	0.18	41.6	6.7	12	19.05	10.4
Q927677		7.12	<0.005	0.10	6.77	5.0	2370	1.55	0.31	2.89	0.12	40.5	6.7	12	25.6	9.2
Q927678		9.56	<0.005	0.07	7.35	12.9	1490	1.49	0.23	1.70	0.16	43.5	6.7	12	30.6	7.4
Q927679		4.59	<0.005	0.06	7.03	12.8	1430	1.35	0.19	1.61	0.14	39.7	6.7	9	27.4	7.2
Q927680		9.45	<0.005	0.08	7.16	5.8	2310	1.61	0.25	2.44	0.10	44.1	7.0	16	31.1	9.0
Q927681		5.40	<0.005	0.07	6.85	13.0	2370	1.47	0.24	2.36	0.11	37.5	6.3	10	33.7	9.8
Q927682		3.97	<0.005	0.08	7.32	3.6	2170	1.63	0.17	2.51	0.10	46.8	7.0	14	17.20	9.5
Q927683		7.98	<0.005	0.21	6.92	13.5	2010	1.54	0.29	1.95	0.32	41.8	6.9	9	26.9	10.2
Q927684		2.57	<0.005	0.32	6.38	14.0	1260	1.39	0.34	2.55	0.19	52.3	7.0	8	16.45	17.2
Q927685		9.43	<0.005	0.13	6.43	28.5	1840	1.60	0.24	2.06	0.18	43.4	6.4	9	23.9	10.7
Q927686		0.34	0.822	11.55	6.05	1510	140	1.41	14.00	1.71	32.7	46.4	16.9	16	13.25	278
Q927687		5.39	0.166	1.90	6.44	824	2010	1.56	0.38	2.55	4.45	50.8	6.1	10	16.25	9.1
Q927688		4.01	<0.005	0.20	7.78	24.4	2140	1.54	0.36	1.49	0.21	58.8	7.6	9	18.85	6.7
Q927689		5.97	0.016	1.00	6.72	78.6	1720	1.69	0.35	2.55	1.32	49.0	7.3	9	24.3	9.9
Q927690		7.03	0.021	1.48	6.87	98.6	3600	1.30	1.58	1.69	2.90	51.1	8.1	11	14.05	5.2
Q927691		<0.02	0.021	1.39	6.85	107.5	3520	1.25	1.57	1.67	2.64	54.0	7.9	15	14.45	3.3
Q927692		5.19	<0.005	0.35	6.97	10.0	5200	1.15	1.19	1.73	0.09	52.3	6.2	10	11.90	2.1
Q927693		8.01	0.008	0.16	7.21	126.5	2690	1.55	0.34	1.82	0.25	51.9	6.3	17	16.15	6.2
Q927694		1.52	0.126	4.62	5.67	1435	640	1.34	0.72	3.26	3.55	45.5	11.8	8	12.70	90.9
Q927695		4.09	0.005	1.44	6.71	76.9	1550	1.67	0.31	2.11	2.38	44.7	6.6	11	17.60	16.1
Q927696		2.92	2.03	7.37	7.01	1990	250	1.49	9.28	1.32	13.85	57.0	7.5	11	14.50	210
Q927697		4.50	<0.005	0.23	7.03	16.2	1830	1.60	0.33	2.20	0.23	51.0	6.8	11	21.2	9.7
Q927698		2.01	1.035	84.0	3.08	3390	180	1.02	0.33	6.38	56.7	22.7	5.4	3	8.31	142.5
Q927699		5.46	<0.005	0.06	0.08	1.9	20	0.06	0.03	20.0	0.09	1.55	0.6	<1	0.21	1.5
Q927700		4.10	0.006	0.36	7.16	38.8	2140	1.43	0.28	1.37	0.54	42.9	4.7	9	19.50	20.3
Q927701		4.19	0.027	0.30	6.61	95.9	2370	1.41	0.57	2.28	0.22	50.0	6.6	12	16.25	10.1
Q927702		2.89	0.019	14.00	7.45	121.5	930	1.65	0.79	2.37	0.68	40.0	8.9	3	11.00	61.9
Q927703		3.59	<0.005	0.67	6.70	27.6	1950	1.55	0.34	2.73	0.31	49.3	3.4	13	12.70	4.7
Q927704		7.43	<0.005	0.17	7.09	8.7	1980	1.59	0.61	2.14	0.08	48.8	3.8	11	10.35	8.9
Q927705		3.95	0.006	0.76	6.57	123.5	1390	1.50	0.55	2.50	2.19	49.1	13.6	11	14.35	7.0
Q927706		8.24	<0.005	0.12	6.88	10.9	2140	1.43	0.24	1.75	0.13	47.3	5.4	9	17.25	13.8
Q927707		5.08	0.020	0.37	7.02	17.0	1980	1.49	0.53	1.84	1.37	46.9	10.9	10	18.70	21.6
Q927708		5.43	<0.005	0.01	0.07	<0.2	30	<0.05	0.03	19.80	0.06	1.39	0.6	<1	0.21	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114875

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927673		2.62	15.30	0.20	1.3	0.075	2.82	22.1	62.5	0.83	1460	2.22	0.21	7.5	2.5	590
Q927674		8.26	13.25	0.15	0.8	1.425	2.49	16.5	15.6	0.63	2250	16.15	0.06	4.4	13.7	440
Q927675		4.04	13.00	0.15	0.8	0.223	2.81	23.1	20.7	0.83	5700	13.95	0.02	6.1	2.5	430
Q927676		2.65	15.70	0.17	1.3	0.041	2.97	21.1	54.2	0.69	911	1.22	0.96	7.6	2.3	580
Q927677		2.73	15.45	0.20	1.3	0.043	2.66	19.9	17.2	0.62	758	1.63	2.07	7.6	2.4	600
Q927678		2.54	16.10	0.17	1.4	0.045	2.44	22.1	154.0	0.54	782	1.91	0.27	7.9	2.3	600
Q927679		2.42	15.10	0.14	1.3	0.039	2.33	20.2	141.0	0.51	740	1.40	0.24	7.5	2.1	580
Q927680		2.71	16.05	0.18	1.4	0.040	2.74	22.5	13.5	0.63	633	1.89	2.23	7.7	2.6	570
Q927681		2.55	15.75	0.18	1.3	0.057	2.92	18.4	91.1	0.56	675	1.22	1.09	7.6	2.2	600
Q927682		2.73	15.70	0.23	1.4	0.036	2.73	24.6	14.8	0.71	658	1.37	2.20	7.8	2.5	560
Q927683		2.55	15.50	0.20	1.3	0.038	2.64	21.3	155.0	0.62	942	1.77	0.60	7.6	2.4	550
Q927684		2.41	14.05	0.15	1.4	0.034	1.80	28.7	142.5	0.90	1060	2.04	0.05	7.2	2.5	500
Q927685		2.45	15.35	0.15	1.5	0.036	2.77	21.1	78.5	0.56	632	2.08	1.14	7.6	2.2	550
Q927686		5.97	15.35	0.12	1.2	0.779	2.79	24.1	19.0	0.71	1720	9.63	0.12	6.3	12.5	520
Q927687		2.84	15.10	0.14	1.4	0.058	3.30	27.5	46.0	0.84	2060	1.62	0.15	7.3	2.4	520
Q927688		2.65	17.75	0.16	1.6	0.063	3.71	31.1	66.2	0.64	839	1.65	0.38	8.7	2.5	600
Q927689		2.39	15.10	0.14	1.4	0.046	2.70	26.8	55.9	0.86	1500	1.35	0.04	7.3	2.4	530
Q927690		3.14	16.05	0.15	1.5	0.134	4.21	25.8	23.8	0.67	2070	2.02	0.24	7.9	2.6	580
Q927691		3.12	15.55	0.16	1.4	0.133	4.30	28.7	23.2	0.67	2010	2.67	0.23	7.7	2.7	580
Q927692		2.96	15.00	0.15	1.4	0.133	4.48	28.2	21.2	0.70	1190	1.24	0.84	7.7	2.5	560
Q927693		2.80	16.40	0.15	1.5	0.068	3.43	27.5	18.8	0.63	971	1.71	1.31	8.0	2.7	570
Q927694		3.52	13.50	0.12	1.3	0.164	2.76	24.9	39.8	1.04	9120	2.51	0.03	6.2	2.4	450
Q927695		2.59	16.10	0.13	1.3	0.050	3.12	22.1	45.0	0.60	2660	1.82	0.91	7.6	2.5	550
Q927696		4.93	17.40	0.14	1.2	0.363	3.18	31.5	12.0	0.64	1680	15.30	0.05	7.3	3.8	520
Q927697		2.49	16.40	0.15	1.4	0.039	2.89	26.4	49.6	0.60	1240	1.44	0.94	7.8	2.5	570
Q927698		4.33	7.64	0.07	0.6	0.089	1.61	11.8	29.2	2.09	11900	3.47	0.03	3.3	1.8	230
Q927699		0.45	0.26	0.12	<0.1	<0.005	0.03	0.8	1.2	12.50	209	0.10	0.01	0.2	1.3	200
Q927700		2.68	16.80	0.19	1.4	0.072	3.31	21.2	68.1	0.49	1260	1.37	0.11	7.9	2.2	590
Q927701		3.01	15.50	0.16	1.4	0.088	3.24	26.7	29.8	0.75	1540	1.89	0.58	7.8	2.4	560
Q927702		5.86	19.40	0.13	1.4	0.405	3.65	19.8	29.2	1.30	3820	3.83	0.03	5.4	3.9	1040
Q927703		2.93	15.10	0.13	1.3	0.118	3.01	25.7	23.7	0.92	1780	1.51	1.58	7.4	2.3	560
Q927704		2.83	15.70	0.13	1.4	0.100	2.92	25.1	9.1	0.74	698	1.55	2.45	8.0	2.5	650
Q927705		2.90	15.25	0.13	1.2	0.119	2.91	25.9	19.6	0.80	2300	1.52	1.11	7.4	2.3	530
Q927706		2.65	16.00	0.13	1.4	0.061	3.05	24.2	44.9	0.48	743	1.57	1.24	7.6	2.3	550
Q927707		3.01	16.25	0.14	1.6	0.071	3.38	23.4	33.3	0.64	956	2.08	0.49	8.3	2.4	610
Q927708		0.44	0.23	0.18	<0.1	<0.005	0.03	0.7	1.2	12.40	195	0.18	0.01	0.2	1.3	180

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114875

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927673		15.2	115.5	<0.002	0.13	13.80	10.0	1	2.1	162.0	0.59	<0.05	12.0	0.245	2.05	4.8
Q927674		1590	136.5	0.003	7.58	102.0	7.7	2	10.1	58.9	0.36	0.74	8.3	0.155	2.20	5.1
Q927675		208	169.5	0.002	2.79	31.4	7.4	<1	2.4	81.9	0.44	<0.05	9.0	0.185	2.62	12.8
Q927676		18.4	106.0	<0.002	0.08	8.00	9.3	1	1.8	232	0.60	<0.05	11.9	0.249	1.54	4.0
Q927677		18.4	93.1	<0.002	0.02	2.54	9.7	1	1.7	381	0.61	<0.05	10.8	0.248	1.24	3.9
Q927678		16.3	89.2	<0.002	0.12	16.60	9.7	1	1.7	192.0	0.67	<0.05	12.3	0.249	1.98	4.0
Q927679		15.1	79.9	<0.002	0.12	17.20	9.3	1	1.7	182.0	0.62	<0.05	11.5	0.244	1.92	3.4
Q927680		17.7	103.5	<0.002	0.02	1.57	9.7	1	1.8	398	0.63	<0.05	12.3	0.240	1.28	3.7
Q927681		18.5	108.0	<0.002	0.07	6.84	9.4	1	1.7	306	0.62	<0.05	11.1	0.247	2.06	4.0
Q927682		17.5	102.0	<0.002	0.01	0.89	9.6	1	1.7	388	0.66	<0.05	12.6	0.239	1.10	3.8
Q927683		24.5	98.4	<0.002	0.13	15.45	9.1	1	1.7	202	0.67	<0.05	12.1	0.235	1.56	3.9
Q927684		19.8	84.3	<0.002	0.17	26.7	8.7	1	2.0	166.5	0.68	<0.05	15.0	0.210	1.38	7.2
Q927685		21.4	105.0	<0.002	0.06	10.35	8.8	1	1.8	248	0.71	<0.05	14.3	0.224	1.54	4.4
Q927686		1220	157.0	<0.002	4.40	60.1	8.7	2	8.2	91.9	0.58	1.32	13.3	0.193	2.75	5.9
Q927687		178.0	145.5	<0.002	1.01	21.7	9.2	1	3.0	146.5	0.67	<0.05	14.7	0.216	2.57	8.0
Q927688		20.9	155.5	<0.002	0.15	11.30	10.7	1	2.1	158.0	0.79	<0.05	17.3	0.254	2.68	5.7
Q927689		67.4	128.0	<0.002	0.39	21.6	8.8	1	2.2	178.5	0.65	<0.05	14.7	0.219	2.55	9.2
Q927690		93.1	172.5	<0.002	0.67	14.90	9.7	1	2.5	137.0	0.72	0.24	14.5	0.234	3.02	6.3
Q927691		91.6	175.0	<0.002	0.68	14.35	9.5	1	2.1	135.0	0.68	0.19	15.0	0.226	2.97	6.2
Q927692		12.5	164.5	<0.002	0.17	6.31	9.7	1	1.9	173.0	0.69	0.13	15.3	0.228	2.47	6.2
Q927693		30.1	152.0	<0.002	0.14	7.53	10.2	<1	1.9	237	0.73	<0.05	17.1	0.240	2.00	5.7
Q927694		198.0	181.5	<0.002	1.53	69.6	7.9	1	2.0	92.1	0.55	<0.05	14.0	0.187	2.73	11.1
Q927695		107.0	127.5	<0.002	0.18	15.45	9.1	1	1.9	185.0	0.67	<0.05	13.6	0.228	2.17	4.2
Q927696		873	178.0	0.002	4.60	88.0	9.2	1	9.1	159.5	0.65	0.54	12.9	0.243	3.70	4.0
Q927697		38.2	127.0	<0.002	0.26	13.00	9.7	1	1.9	203	0.72	<0.05	16.6	0.239	2.34	5.9
Q927698		3580	97.6	<0.002	2.06	201	4.7	1	2.1	103.0	0.29	<0.05	6.5	0.104	1.55	10.4
Q927699		4.2	1.5	<0.002	<0.01	0.27	0.2	<1	<0.2	45.2	<0.05	<0.05	0.2	<0.005	<0.02	0.8
Q927700		30.7	139.5	<0.002	0.28	26.9	9.6	1	2.0	99.4	0.71	<0.05	13.9	0.245	2.32	4.9
Q927701		23.9	151.0	<0.002	0.63	14.65	9.9	1	2.2	136.0	0.70	<0.05	15.4	0.231	2.45	9.0
Q927702		50.5	218	<0.002	1.05	32.3	12.0	1	1.9	54.3	0.37	<0.05	5.3	0.359	3.52	11.2
Q927703		119.5	131.5	<0.002	0.19	9.54	9.5	1	1.7	227	0.67	<0.05	14.7	0.229	1.85	5.3
Q927704		15.7	121.5	<0.002	0.02	3.80	10.1	1	1.8	289	0.72	<0.05	15.1	0.248	1.46	4.8
Q927705		86.3	134.0	<0.002	0.49	11.45	9.1	<1	2.0	144.0	0.66	0.08	14.1	0.223	2.30	5.7
Q927706		19.0	126.0	<0.002	0.06	15.65	9.3	1	1.9	218	0.70	<0.05	14.1	0.232	1.59	4.3
Q927707		46.4	138.5	<0.002	0.18	13.75	9.8	1	3.0	146.0	0.74	0.06	14.2	0.245	2.16	5.4
Q927708		1.5	1.4	<0.002	<0.01	0.10	0.2	<1	<0.2	44.9	<0.05	<0.05	0.3	<0.005	<0.02	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114875

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927673		66	2.1	14.5	46	33.9
Q927674		54	6.9	8.7	3260	21.3
Q927675		51	5.1	13.9	564	23.0
Q927676		67	2.0	14.4	49	34.0
Q927677		68	2.1	15.4	50	34.2
Q927678		66	3.5	14.7	55	36.5
Q927679		66	3.8	13.6	52	33.9
Q927680		66	1.7	16.1	48	38.8
Q927681		68	2.1	14.1	49	34.8
Q927682		65	1.7	16.3	50	35.9
Q927683		64	3.7	14.7	59	36.1
Q927684		57	3.8	16.2	45	32.7
Q927685		61	2.4	14.1	48	33.3
Q927686		58	6.2	11.0	2360	27.7
Q927687		61	3.3	15.3	352	31.5
Q927688		68	2.5	16.7	56	37.3
Q927689		59	3.8	14.7	118	31.7
Q927690		63	8.8	13.7	286	36.1
Q927691		62	8.4	13.8	264	33.8
Q927692		63	5.6	14.5	58	33.9
Q927693		66	3.0	16.2	69	34.9
Q927694		51	4.2	14.5	478	28.9
Q927695		62	4.4	14.9	206	30.4
Q927696		76	5.0	10.7	1150	35.3
Q927697		65	3.6	16.2	56	31.7
Q927698		36	2.6	12.1	5270	13.3
Q927699		2	0.1	0.9	20	1.0
Q927700		68	3.8	13.8	95	29.7
Q927701		66	5.5	16.5	59	31.0
Q927702		122	6.3	17.9	161	48.0
Q927703		63	1.9	15.7	82	28.2
Q927704		68	2.0	16.0	51	30.8
Q927705		61	3.1	14.6	252	27.3
Q927706		63	5.5	15.4	50	30.8
Q927707		68	9.4	16.2	123	34.1
Q927708		2	0.1	0.8	14	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114875

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2014
Account: ROCKHA

CERTIFICATE WH14114876

Project: Klaza

P.O. No.: batch 109

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

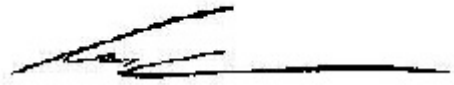
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114876

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926364		5.82	0.237	1.90	6.63	527	1170	1.53	3.17	2.51	5.60	49.4	11.1	9	18.10	100.5
Q926365		5.11	<0.005	0.09	7.04	18.1	3240	2.38	0.22	3.36	0.10	64.2	6.8	16	25.6	11.1
Q926366		6.14	<0.005	0.19	7.10	17.9	870	1.45	0.35	2.84	0.18	51.3	8.5	12	24.9	8.9
Q926367		3.63	<0.005	0.14	7.28	14.9	800	1.47	0.39	3.06	0.16	52.0	8.5	10	24.6	9.8
Q926368		5.27	<0.005	0.07	6.90	5.8	1980	1.45	0.38	2.78	0.10	42.1	8.0	13	24.0	6.8
Q926369		4.96	<0.005	0.17	6.76	10.5	2380	1.50	0.72	3.43	0.15	49.4	8.2	10	19.45	7.5
Q926370		4.87	<0.005	0.08	6.77	5.0	1800	1.52	0.52	2.64	0.07	45.4	7.1	13	17.60	5.6
Q926371		5.35	<0.005	0.12	6.66	10.8	1420	1.66	0.31	2.46	0.20	47.8	6.9	14	18.95	22.3
Q926372		2.12	<0.005	0.10	6.76	17.6	970	1.44	0.19	4.98	0.18	47.0	8.2	9	14.45	5.2
Q926373		3.97	<0.005	0.07	7.05	6.7	1250	1.62	0.57	2.01	0.16	47.8	6.5	11	22.2	6.8
Q926374		4.13	<0.005	0.24	6.37	14.1	2810	1.45	0.33	3.29	0.34	47.2	9.1	8	13.80	11.8
Q926375		2.36	<0.005	2.07	9.04	30.8	2050	2.21	10.15	0.58	0.28	57.0	9.0	8	20.8	35.0
Q926376		5.58	<0.005	0.01	0.12	0.3	40	0.08	0.04	19.50	0.06	1.30	0.7	1	0.42	2.2
Q926377		4.41	0.028	0.13	8.05	98.5	2180	1.82	0.61	2.23	0.07	44.6	13.2	7	17.85	3.7
Q926378		5.09	0.009	0.07	6.97	23.1	5210	1.53	0.31	3.34	0.16	41.7	7.1	8	13.90	3.5
Q926379		5.90	0.797	0.24	7.26	31.9	680	1.43	0.42	2.68	0.50	42.5	10.9	6	15.70	6.9
Q926380		4.04	0.060	0.38	8.16	114.0	800	1.61	0.57	2.19	1.81	44.1	13.6	5	18.65	9.2
Q926381		0.24	0.385	4.11	6.55	708	420	1.34	3.40	1.91	10.35	47.8	11.3	22	12.75	309
Q926382		5.13	<0.005	0.11	7.24	31.9	3110	1.50	0.23	3.01	0.23	55.6	9.8	11	15.90	10.5
Q926383		4.54	0.005	0.13	7.28	61.8	2210	1.13	0.13	2.21	0.14	49.5	8.7	8	15.20	13.8
Q926384		2.35	1.710	0.57	6.42	570	860	1.35	0.32	4.18	0.24	40.8	9.3	8	16.85	8.6
Q926385		4.35	0.012	0.71	6.87	129.5	690	1.40	0.26	2.25	1.88	46.9	7.4	7	17.95	11.8
Q926386		3.74	<0.005	0.81	7.15	27.3	1470	1.72	3.48	2.41	0.16	46.6	8.2	10	18.30	3.2
Q926387		8.56	<0.005	0.30	7.40	15.5	1520	1.66	0.42	2.19	0.08	35.1	7.4	14	15.05	10.7
Q926388		6.61	<0.005	0.18	6.79	46.3	830	1.43	0.20	2.47	0.16	33.0	6.8	11	15.45	13.2
Q926389		<0.02	<0.005	0.20	6.83	45.5	840	1.51	0.22	2.47	0.17	35.4	7.1	13	15.65	16.9
Q926390		8.12	0.013	0.24	7.19	12.1	1250	1.46	0.74	1.92	0.09	36.3	7.7	9	13.10	6.7
Q926391		1.98	0.009	14.00	7.23	66.2	1610	1.51	0.41	3.55	0.30	48.5	9.1	12	13.05	19.4
Q926392		0.24	0.818	11.05	6.56	1615	520	1.40	12.25	1.79	31.8	45.9	16.3	18	12.85	289
Q926393		2.65	0.148	56.4	6.92	245	1360	1.47	0.59	2.13	18.85	55.6	9.0	8	15.65	145.0
Q926394		1.99	0.042	9.78	7.17	301	850	1.47	0.16	2.95	27.5	46.4	7.9	8	16.95	42.7
Q926395		5.66	<0.005	0.13	0.07	0.4	60	0.05	0.02	20.3	0.11	1.17	0.7	<1	0.16	5.9
Q926396		3.59	<0.005	0.13	7.82	4.8	1860	1.47	0.07	2.75	0.23	56.6	9.0	13	17.75	7.8
Q926397		3.35	0.085	15.40	6.79	807	1340	1.27	0.17	2.28	128.5	46.7	8.0	8	16.45	42.2
Q926398		4.30	<0.005	0.10	6.88	14.1	1090	1.47	0.10	2.46	0.31	46.5	6.5	8	30.1	6.7
Q926399		2.24	0.010	0.69	7.59	105.5	1180	1.51	0.21	2.39	3.66	45.1	8.3	10	24.9	14.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114876

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926364		3.40	15.40	0.17	1.4	0.120	2.69	26.7	48.1	0.93	1650	2.85	0.03	7.2	2.9	580
Q926365		2.46	18.95	0.17	3.8	0.031	2.41	33.3	113.0	1.16	832	1.59	0.03	10.4	6.2	1100
Q926366		2.86	16.60	0.14	1.2	0.040	2.41	27.3	68.4	0.95	892	1.01	0.04	7.9	2.7	660
Q926367		3.02	16.55	0.14	1.2	0.042	2.46	28.2	73.0	1.07	982	0.80	0.04	7.7	2.7	650
Q926368		3.06	16.35	0.13	1.2	0.040	2.55	20.4	38.5	0.75	706	1.33	1.58	7.9	2.7	650
Q926369		2.94	15.30	0.13	1.2	0.036	2.27	27.1	122.0	1.19	1000	0.82	0.14	7.2	2.7	600
Q926370		2.94	16.30	0.14	1.2	0.038	2.66	22.4	25.4	0.69	792	1.20	1.39	7.8	2.6	630
Q926371		2.87	16.10	0.14	1.2	0.050	2.78	25.1	25.2	0.91	1100	1.11	0.50	7.3	2.8	590
Q926372		2.88	15.05	0.14	1.1	0.043	2.26	25.9	45.6	1.25	1470	0.75	0.04	6.5	2.1	550
Q926373		2.77	16.95	0.13	1.2	0.040	2.75	23.8	116.0	0.74	911	0.82	0.07	7.9	2.5	640
Q926374		2.89	14.65	0.14	1.1	0.034	2.04	26.0	95.4	1.10	1480	0.81	0.02	6.8	2.7	550
Q926375		3.74	20.8	0.20	1.3	0.125	3.71	30.2	16.3	0.35	1260	2.37	0.92	7.8	2.7	600
Q926376		0.45	0.42	0.30	<0.1	<0.005	0.05	0.6	1.6	12.20	216	0.07	<0.01	0.3	1.9	170
Q926377		6.38	18.65	0.19	1.4	0.174	4.02	21.3	16.2	0.36	3240	0.27	0.18	8.6	3.3	720
Q926378		3.77	15.95	0.19	1.2	0.081	2.97	20.3	12.5	0.45	1660	1.16	1.06	7.6	2.2	640
Q926379		5.83	16.55	0.18	1.2	0.135	3.45	20.7	33.3	0.72	3310	0.40	0.10	7.9	2.8	680
Q926380		6.05	17.75	0.17	1.1	0.113	3.80	21.1	17.4	0.66	3660	0.31	0.57	8.2	3.0	730
Q926381		4.75	14.80	0.18	1.0	0.292	2.85	27.5	25.0	0.74	1840	12.70	0.14	5.8	13.7	510
Q926382		3.47	15.15	0.16	1.1	0.063	2.57	26.9	27.2	0.92	2130	1.80	0.63	7.5	3.3	730
Q926383		3.46	15.90	0.14	1.2	0.079	2.83	24.0	33.4	0.84	1920	1.06	0.09	8.3	2.8	660
Q926384		3.88	13.35	0.14	1.0	0.075	2.63	20.8	55.7	1.33	2840	1.09	0.06	6.4	2.6	510
Q926385		2.58	14.25	0.14	1.2	0.061	2.52	23.8	66.2	0.78	2440	0.91	0.03	7.0	2.3	560
Q926386		2.83	15.00	0.14	1.2	0.061	2.75	23.1	65.1	0.87	1440	0.80	0.06	8.0	2.3	570
Q926387		2.96	15.85	0.18	1.1	0.077	2.92	15.7	65.8	0.74	1480	1.20	0.06	8.6	2.8	670
Q926388		2.87	14.15	0.18	1.1	0.077	2.84	16.0	73.5	0.83	2140	0.81	0.04	7.3	2.4	550
Q926389		2.85	14.50	0.21	1.0	0.086	2.80	17.5	74.3	0.83	2130	1.00	0.04	7.4	2.4	540
Q926390		3.18	15.55	0.19	1.2	0.096	2.59	17.4	49.5	0.60	1700	0.73	0.33	8.0	2.3	620
Q926391		3.29	14.85	0.20	1.1	0.064	3.05	27.0	17.0	1.03	6320	0.79	0.14	7.6	2.6	600
Q926392		6.20	14.90	0.15	1.0	0.756	2.87	24.8	19.4	0.74	1840	8.74	0.12	6.1	11.6	530
Q926393		4.51	16.15	0.18	1.5	0.165	2.83	29.0	18.8	0.81	11850	0.97	0.06	8.3	3.2	680
Q926394		3.28	15.00	0.16	1.1	0.206	3.42	25.5	25.3	0.95	9950	1.10	0.04	7.0	2.4	600
Q926395		0.46	0.24	0.25	<0.1	0.005	0.03	0.6	1.0	12.70	236	0.34	<0.01	0.2	1.9	200
Q926396		3.44	16.45	0.25	1.4	0.044	2.60	29.2	20.0	0.95	887	1.28	1.70	8.3	3.1	750
Q926397		2.93	13.90	0.20	1.1	0.569	2.58	25.6	40.5	0.71	5140	0.91	0.47	6.9	2.5	580
Q926398		2.71	14.75	0.19	1.2	0.030	2.63	24.8	114.5	0.85	1110	0.82	0.26	7.2	2.4	590
Q926399		3.01	16.70	0.18	1.3	0.067	3.26	23.4	81.3	0.88	2640	1.27	0.14	7.9	2.8	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114876

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926364		231	148.5	<0.002	1.20	37.1	9.8	1	3.1	208	0.65	<0.05	14.5	0.233	2.59	7.4
Q926365		18.1	115.5	<0.002	0.17	15.25	6.9	<1	1.5	443	0.80	<0.05	11.3	0.288	2.72	7.6
Q926366		17.3	105.0	<0.002	0.13	8.46	11.5	1	1.7	174.5	0.58	<0.05	13.2	0.268	1.78	4.7
Q926367		16.8	112.0	<0.002	0.11	8.38	11.6	1	1.8	182.5	0.60	<0.05	13.2	0.269	1.83	4.4
Q926368		21.1	97.1	<0.002	0.02	4.56	11.1	1	1.7	365	0.61	<0.05	11.9	0.271	1.32	3.5
Q926369		19.2	101.5	<0.002	0.13	8.58	10.5	1	1.4	212	0.58	<0.05	13.1	0.248	1.43	5.1
Q926370		17.9	109.5	<0.002	0.01	4.27	10.8	1	1.5	295	0.64	<0.05	13.0	0.266	1.34	3.6
Q926371		15.6	141.0	<0.002	0.09	11.20	10.6	1	1.5	152.0	0.62	<0.05	13.5	0.248	1.96	3.6
Q926372		12.1	118.0	<0.002	0.16	14.55	8.9	<1	1.4	164.0	0.54	<0.05	12.4	0.219	1.36	5.0
Q926373		16.9	111.0	<0.002	0.02	15.20	11.1	1	1.6	141.5	0.67	<0.05	14.0	0.266	1.51	2.5
Q926374		15.4	102.5	<0.002	0.20	19.45	9.8	1	2.0	133.0	0.54	<0.05	13.0	0.226	1.30	9.8
Q926375		29.9	209	<0.002	0.04	27.2	11.4	1	2.5	101.0	0.68	0.07	15.5	0.256	3.28	4.5
Q926376		1.9	2.7	<0.002	<0.01	0.17	0.2	<1	0.2	46.0	<0.05	<0.05	0.3	<0.005	0.03	1.0
Q926377		9.2	205	<0.002	1.02	9.25	11.9	<1	3.8	76.3	0.70	0.05	13.4	0.289	3.74	4.7
Q926378		12.8	129.0	<0.002	0.41	5.39	9.9	1	2.2	181.0	0.65	<0.05	11.2	0.256	2.52	3.8
Q926379		38.5	179.0	<0.002	1.33	10.20	11.5	1	3.3	58.6	0.63	<0.05	11.9	0.268	3.16	3.1
Q926380		24.8	221	<0.002	0.26	12.75	12.8	1	3.2	78.1	0.61	<0.05	11.9	0.284	3.39	4.9
Q926381		461	153.0	0.002	2.62	27.6	8.6	2	5.5	102.5	0.46	0.28	11.4	0.191	2.41	5.1
Q926382		23.4	169.0	<0.002	0.64	9.82	12.9	1	1.7	160.0	0.53	<0.05	13.0	0.276	3.33	7.2
Q926383		20.9	133.5	<0.002	0.39	15.90	12.4	1	2.3	127.0	0.67	<0.05	12.5	0.296	1.71	8.0
Q926384		22.4	134.5	<0.002	1.29	22.1	9.2	1	1.4	142.0	0.52	<0.05	11.1	0.220	2.32	13.9
Q926385		64.5	130.5	<0.002	0.55	17.65	9.3	1	1.7	85.8	0.63	<0.05	13.9	0.219	2.54	4.4
Q926386		24.2	141.5	<0.002	0.30	14.30	8.9	1	1.5	78.7	0.75	0.19	14.0	0.215	2.86	7.4
Q926387		21.3	125.0	<0.002	0.23	16.20	11.0	1	1.7	121.0	0.68	<0.05	9.5	0.284	2.29	5.2
Q926388		26.6	144.5	<0.002	0.25	17.70	9.2	1	1.5	99.9	0.53	<0.05	8.9	0.237	2.77	5.0
Q926389		26.4	148.5	<0.002	0.25	17.70	9.3	<1	1.6	100.0	0.54	<0.05	9.1	0.235	2.83	4.9
Q926390		23.6	115.0	<0.002	0.19	12.95	10.2	1	1.7	126.0	0.59	<0.05	10.4	0.253	1.87	3.9
Q926391		172.0	178.0	<0.002	0.47	46.3	9.5	1	1.6	110.0	0.58	<0.05	13.7	0.247	2.29	4.2
Q926392		1290	160.0	<0.002	4.67	65.5	8.7	2	7.9	93.8	0.49	1.02	10.9	0.199	2.52	4.9
Q926393		1760	147.5	<0.002	1.41	118.0	12.3	1	2.5	92.3	0.67	<0.05	13.5	0.260	2.20	4.9
Q926394		1440	227	<0.002	0.85	56.7	10.1	1	2.1	92.6	0.51	<0.05	11.3	0.249	2.88	5.7
Q926395		6.9	1.3	<0.002	0.01	0.35	0.2	1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q926396		22.8	98.0	<0.002	0.02	5.39	12.8	1	1.6	351	0.68	<0.05	13.8	0.292	1.09	3.8
Q926397		454	133.0	<0.002	1.35	43.4	9.6	1	2.9	157.5	0.50	<0.05	11.0	0.240	2.16	4.2
Q926398		13.5	108.5	<0.002	0.10	27.4	9.7	<1	1.4	155.5	0.60	<0.05	12.6	0.233	1.74	4.3
Q926399		164.0	150.0	<0.002	0.24	14.50	11.4	1	2.0	161.5	0.59	<0.05	11.9	0.272	2.50	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114876

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q926364		67	4.8	13.5	474	32.2	
Q926365		61	2.1	14.1	60	129.5	
Q926366		77	3.3	15.8	67	27.4	
Q926367		79	3.0	16.5	71	27.2	
Q926368		79	1.2	15.4	59	27.3	
Q926369		72	4.2	16.2	68	26.2	
Q926370		77	1.2	14.0	58	28.3	
Q926371		73	2.3	14.0	68	27.3	
Q926372		60	2.5	15.5	71	24.7	
Q926373		77	1.8	14.4	69	27.8	
Q926374		70	2.7	14.9	84	25.1	
Q926375		110	2.4	16.4	85	37.0	
Q926376		3	0.1	0.9	17	<0.5	
Q926377		72	14.8	11.8	115	35.9	
Q926378		70	7.1	12.7	94	28.4	
Q926379		73	25.7	12.9	140	28.5	
Q926380		73	16.6	12.1	148	27.8	
Q926381		62	5.6	11.1	871	28.1	
Q926382		76	1.6	15.3	73	29.0	
Q926383		86	6.0	16.6	76	31.5	
Q926384		64	3.1	16.1	77	27.7	
Q926385		61	3.1	14.5	192	32.6	
Q926386		62	2.6	15.3	79	31.8	
Q926387		83	5.6	13.3	87	27.1	
Q926388		65	2.8	12.9	94	29.4	
Q926389		64	2.9	12.5	92	28.9	
Q926390		71	3.3	12.7	116	32.3	
Q926391		63	2.8	13.5	149	30.5	
Q926392		62	5.8	10.9	2450	27.4	
Q926393		81	4.1	18.4	1620	33.7	
Q926394		71	5.4	14.6	2830	29.7	
Q926395		3	0.2	0.8	23	0.5	
Q926396		95	4.2	16.1	76	34.6	
Q926397		67	2.5	13.2	>10000	29.7	1.420
Q926398		67	1.7	13.2	84	31.9	
Q926399		80	4.7	16.0	343	35.0	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114876

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Zn-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2014
Account: ROCKHA

CERTIFICATE WH14114877

Project: Klaza

P.O. No.: Batch 112

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

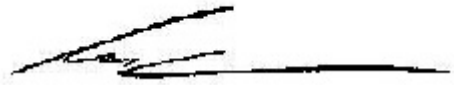
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114877

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
Q016917		6.81	0.167		5.15	7.07	85.2	1740	1.35	3.04	2.49	2.13	50.9	16.9	7	11.05
Q016918		3.60	>10.0	14.60	>100	2.70	>10000	100	0.64	1.77	5.62	193.5	18.30	5.0	1	3.75
Q016919		2.26	0.022		2.25	5.82	49.5	290	1.40	0.35	3.20	0.88	39.7	4.3	7	19.70
Q016920		6.83	1.145		3.53	7.07	1400	820	1.51	3.42	2.46	3.17	48.4	8.1	8	15.10
Q016921		<0.02	1.120		3.27	7.20	1440	820	1.47	3.58	2.52	3.24	48.1	8.0	8	15.30
Q016922		3.68	0.023		1.31	6.70	102.0	560	1.54	3.79	2.42	3.01	45.0	6.1	6	17.10
Q016923		2.85	2.99		53.2	2.05	1695	340	0.69	11.35	1.99	87.6	14.65	32.3	1	7.81
Q016924		5.54	<0.005		0.14	0.04	3.5	40	0.05	0.04	19.70	0.22	0.97	0.7	1	0.11
Q016925		0.72	0.190		3.80	7.02	380	760	1.33	1.78	3.11	11.00	65.3	4.6	10	18.55
Q016926		1.90	>10.0	35.5	>100	1.55	>10000	50	0.46	650	1.10	618	22.7	61.7	1	4.49
Q016927		1.67	0.047		0.85	6.92	73.5	1350	1.44	3.79	2.18	1.11	46.8	7.1	9	15.00
Q016928		3.80	5.20		>100	3.95	8250	140	1.04	3.98	3.38	222	27.3	4.8	4	13.55
Q016929		1.79	<0.005		0.21	0.05	6.0	40	0.05	0.04	21.4	0.28	1.21	0.7	<1	0.13
Q016930		2.54	1.575		>100	4.86	>10000	110	0.89	14.50	1.61	300	30.7	7.6	5	8.42
Q016931		2.77	0.074		2.61	7.41	180.5	1010	1.36	0.63	2.74	1.20	51.4	3.6	7	12.30
Q016932		4.40	1.600		10.15	6.45	2350	110	1.21	17.00	0.72	33.2	38.8	82.8	7	11.05
Q016933		3.91	0.087		4.77	7.40	209	970	1.49	8.92	1.96	12.75	48.1	10.5	8	20.4
Q016934		5.22	0.691		13.20	6.67	784	50	1.09	6.70	0.63	13.70	36.6	41.0	7	22.3
Q016935		1.68	8.35		>100	5.80	>10000	360	1.36	1.18	3.18	59.6	41.6	6.9	3	15.40
Q016936		3.89	0.017		0.39	7.73	51.6	1930	1.63	0.16	2.22	0.31	52.3	5.4	8	14.10
Q016937		<0.02	0.017		0.34	7.86	45.2	1970	1.61	0.17	2.26	0.33	54.3	5.5	8	14.15
Q016938		3.73	0.429		4.90	7.04	657	1370	1.42	0.92	2.50	2.29	44.8	7.0	5	13.65
Q016939		0.14	>10.0	14.80	>100	4.85	169.5	250	0.40	2.33	2.24	902	19.75	64.4	49	1.52
Q016940		4.07	5.80		>100	3.23	>10000	60	0.60	1.09	4.06	434	23.6	3.0	3	5.01
Q016941		3.74	4.68		>100	6.26	7730	230	0.69	10.85	1.63	40.7	29.5	23.9	11	5.14
Q016942		4.07	2.67		>100	5.76	3310	150	0.53	3.33	1.30	112.0	27.5	23.0	12	3.97
Q016943		8.31	2.08		3.81	7.05	6920	550	1.59	6.28	2.39	5.61	46.9	8.5	9	14.90
Q016944		4.84	0.126		6.08	8.59	309	2710	2.65	1.25	4.26	8.25	72.9	11.0	17	30.2
Q016945		2.07	0.009		0.85	8.25	50.3	660	2.11	0.17	3.32	1.13	87.6	9.6	34	37.1
Q016946		3.07	0.657		19.65	5.26	1950	500	1.66	3.88	4.05	65.6	43.0	9.5	8	16.95
Q016947		0.25	1.740		38.5	5.86	2600	70	1.06	34.8	1.73	44.7	37.6	16.6	21	10.35
Q016948		2.56	2.03		>100	4.43	4870	190	0.77	5.45	0.38	652	23.5	5.5	11	4.97
Q016949		5.94	1.055		7.34	7.19	855	630	1.52	4.77	2.25	20.3	50.1	9.0	8	13.90
Q016950		7.00	>10.0	21.5	>100	1.26	5970	20	0.22	288	0.94	199.0	7.35	25.1	4	1.70
Q016951		3.23	0.011		0.79	7.42	43.0	880	1.55	0.65	2.79	1.16	49.4	8.9	10	23.4
Q016952		2.07	2.80		33.1	4.75	>10000	60	1.38	0.96	3.66	113.5	35.4	4.6	5	15.45

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114877

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q016917		634	4.42	15.30	0.17	1.2	0.263	3.48	27.7	19.7	0.87	2860	3.55	0.51	7.0	2.6
Q016918		478	5.77	7.48	0.11	0.4	0.256	1.33	8.9	21.1	1.86	13100	4.47	0.02	2.5	1.9
Q016919		10.7	1.97	12.60	0.20	1.0	0.042	2.46	21.4	31.3	1.23	1960	3.23	0.03	6.2	1.9
Q016920		59.5	4.24	15.65	0.19	1.1	0.078	3.45	27.0	12.6	0.85	2630	0.75	0.03	6.9	2.6
Q016921		63.7	4.30	15.65	0.17	1.1	0.075	3.51	26.6	12.5	0.87	2580	0.81	0.03	6.9	2.4
Q016922		11.3	2.84	13.90	0.19	1.1	0.066	2.97	24.2	29.8	0.85	3670	5.78	0.03	6.5	2.7
Q016923		202	10.60	6.06	0.10	0.3	1.535	0.80	8.1	26.6	0.83	21300	31.8	0.01	1.8	2.9
Q016924		2.7	0.47	0.22	0.22	<0.1	0.006	0.02	0.5	1.0	12.45	237	0.23	<0.01	0.1	2.0
Q016925		29.3	2.62	15.30	0.24	2.3	0.099	2.39	35.6	37.8	1.10	1260	1.28	0.05	10.0	2.5
Q016926		6240	22.4	5.02	0.11	0.4	10.20	0.68	12.5	5.0	0.39	1330	5.36	0.01	1.7	2.3
Q016927		44.5	4.04	15.40	0.14	1.1	0.147	3.13	24.7	31.0	0.78	1970	0.91	0.49	7.2	2.6
Q016928		339	4.09	11.00	0.12	0.8	0.496	1.55	14.6	59.2	1.11	5920	14.60	0.02	4.1	2.3
Q016929		3.1	0.48	0.17	0.14	<0.1	0.006	0.01	0.6	0.9	12.95	218	0.42	0.01	0.1	1.5
Q016930		4230	7.57	14.20	0.12	0.8	2.30	2.29	16.1	18.8	0.63	2510	24.6	0.02	5.0	2.7
Q016931		16.4	3.70	18.00	0.14	1.0	0.171	2.99	27.7	48.8	0.95	2450	1.20	0.47	7.9	2.5
Q016932		53.1	6.85	16.65	0.13	1.1	0.415	2.73	19.2	14.9	0.42	2640	4.94	0.02	7.2	4.4
Q016933		100.5	3.64	17.10	0.13	1.1	0.125	3.03	24.5	38.0	0.74	2850	1.18	0.04	8.2	2.7
Q016934		77.2	11.95	16.00	0.18	0.8	0.782	2.98	17.7	24.7	0.32	824	44.8	0.02	7.0	3.7
Q016935		182.5	5.75	15.05	0.13	0.8	0.184	2.41	22.4	80.9	0.81	12250	30.6	0.06	6.2	2.7
Q016936		9.0	3.19	17.05	0.13	1.1	0.077	3.17	26.9	35.7	0.84	1220	1.32	1.08	8.7	2.4
Q016937		9.4	3.26	17.00	0.15	1.2	0.078	3.22	28.1	40.7	0.85	1220	1.21	1.03	8.8	2.9
Q016938		8.2	3.40	17.50	0.14	1.3	0.167	3.33	22.0	22.9	0.76	4940	3.83	0.02	8.2	2.9
Q016939		>10000	9.94	18.55	0.14	0.6	3.36	0.88	10.4	5.8	0.88	1760	171.0	1.17	2.4	20.2
Q016940		263	5.13	9.24	0.11	0.6	0.240	1.40	12.5	27.2	1.15	9170	19.35	0.02	3.2	1.8
Q016941		79.5	5.12	12.55	0.11	1.1	0.143	2.55	15.7	12.1	0.65	4540	1.39	0.08	5.8	2.5
Q016942		121.5	6.20	15.90	0.08	1.1	0.142	1.95	14.8	11.5	0.78	3270	17.05	0.17	5.0	3.3
Q016943		106.0	5.26	16.35	0.13	1.2	0.141	3.28	24.8	15.8	0.91	1740	1.56	0.03	7.5	2.8
Q016944		34.7	3.06	21.4	0.16	3.9	0.068	2.66	39.0	79.8	1.53	1620	3.84	0.05	12.0	7.6
Q016945		14.8	3.44	21.0	0.17	4.7	0.041	2.09	45.9	193.5	1.46	1080	1.47	0.05	12.9	11.2
Q016946		89.7	3.45	12.55	0.11	1.6	0.251	1.94	23.5	20.1	1.37	1920	2.46	0.04	6.8	3.8
Q016947		1230	9.30	14.70	0.13	0.9	1.560	2.68	19.1	15.3	0.70	2370	17.55	0.06	4.9	14.2
Q016948		399	5.19	11.85	0.10	0.8	4.09	2.19	11.5	9.6	0.27	1520	2.41	0.02	4.7	2.5
Q016949		133.0	4.18	18.05	0.15	1.2	0.305	3.20	27.6	14.1	0.76	5560	2.48	0.02	7.7	3.0
Q016950		8110	26.1	4.14	0.12	0.2	5.61	0.57	2.8	6.8	0.32	1280	2.98	0.01	1.3	1.7
Q016951		26.6	3.36	17.20	0.13	1.2	0.062	2.96	25.3	64.7	1.01	2000	0.80	0.05	8.2	2.9
Q016952		91.7	5.27	12.10	0.10	0.8	0.083	1.87	18.3	46.9	1.09	6220	6.60	0.02	5.2	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114877

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q016917		550	68.0	178.5	<0.002	1.32	37.2	9.5	1	2.5	140.5	0.57	0.15	12.8	0.223	2.55
Q016918		210	>10000	79.1	0.002	4.40	1085	3.4	1	26.4	105.5	0.21	0.10	4.4	0.087	2.21
Q016919		460	55.1	123.5	<0.002	0.23	32.6	7.8	1	1.6	185.0	0.51	<0.05	10.3	0.193	2.30
Q016920		580	171.0	217	<0.002	2.26	26.3	9.8	1	5.3	72.3	0.61	<0.05	13.0	0.229	2.47
Q016921		580	150.0	220	<0.002	2.33	26.1	10.0	1	5.5	73.0	0.61	<0.05	12.8	0.235	2.54
Q016922		560	186.0	164.0	<0.002	0.70	18.45	9.1	1	2.2	128.0	0.54	<0.05	12.5	0.226	2.31
Q016923		140	5080	47.2	0.002	3.95	173.5	3.8	1	2.9	113.5	0.14	0.29	3.3	0.063	1.02
Q016924		190	13.3	0.8	<0.002	0.01	0.48	0.1	<1	0.2	44.7	<0.05	<0.05	<0.2	<0.005	<0.02
Q016925		820	398	92.0	<0.002	0.46	14.80	5.6	1	2.0	246	0.72	<0.05	10.2	0.234	2.26
Q016926		150	5810	39.6	<0.002	>10.0	536	2.0	2	15.8	45.8	0.14	5.09	2.3	0.053	1.03
Q016927		610	45.5	142.5	<0.002	0.54	7.89	10.2	1	3.2	194.0	0.63	0.08	11.8	0.247	2.08
Q016928		280	8360	85.1	0.002	3.24	339	5.1	1	20.8	122.5	0.37	<0.05	8.3	0.130	1.56
Q016929		150	8.5	0.8	<0.002	0.01	0.68	0.2	1	<0.2	52.4	<0.05	<0.05	<0.2	<0.005	<0.02
Q016930		350	8970	128.0	<0.002	8.37	2960	6.6	<1	28.6	36.0	0.43	0.16	9.2	0.153	2.27
Q016931		570	45.9	165.0	<0.002	1.19	23.2	10.4	1	3.1	124.5	0.66	0.06	14.1	0.251	2.60
Q016932		540	1520	157.5	0.002	6.68	43.2	9.3	1	11.0	66.6	0.57	1.11	10.4	0.234	1.95
Q016933		650	1090	144.0	<0.002	1.63	39.1	11.4	1	4.8	210	0.68	0.29	13.6	0.290	2.64
Q016934		470	494	179.5	0.004	>10.0	61.9	8.9	1	6.4	63.3	0.59	0.34	11.6	0.201	2.79
Q016935		440	1780	116.0	<0.002	4.26	388	7.7	<1	22.0	161.0	0.53	<0.05	11.3	0.193	2.29
Q016936		620	24.9	131.0	<0.002	0.35	9.02	10.3	1	2.1	246	0.77	<0.05	14.4	0.274	1.78
Q016937		650	23.3	135.0	<0.002	0.38	8.97	10.5	1	2.1	246	0.79	<0.05	14.8	0.269	1.76
Q016938		580	97.2	160.5	<0.002	1.75	28.4	9.9	1	3.7	140.5	0.71	0.13	13.4	0.262	3.19
Q016939		610	>10000	28.7	0.081	>10.0	201	11.8	10	21.5	232	0.18	0.51	2.2	0.190	8.22
Q016940		240	>10000	77.0	<0.002	4.61	416	4.1	<1	30.8	90.3	0.27	0.15	6.1	0.101	1.53
Q016941		460	2610	132.5	<0.002	4.12	187.5	9.1	1	6.9	52.8	0.49	0.64	9.7	0.193	2.58
Q016942		460	7080	94.3	0.002	5.28	201	9.4	<1	12.1	83.1	0.45	0.51	9.1	0.199	1.69
Q016943		580	250	185.0	<0.002	2.77	30.4	10.4	1	5.3	92.4	0.66	0.12	12.7	0.255	2.49
Q016944		1140	735	156.0	<0.002	0.62	47.0	8.2	1	2.1	751	0.89	<0.05	12.8	0.347	3.00
Q016945		1920	121.0	91.9	<0.002	0.10	25.2	8.3	1	1.8	835	0.91	<0.05	10.5	0.465	1.86
Q016946		580	2940	102.5	<0.002	2.09	49.3	5.5	1	3.5	212	0.52	0.13	8.7	0.196	2.13
Q016947		470	1680	143.0	0.002	8.31	100.0	8.0	1	11.5	63.3	0.43	0.73	10.2	0.171	2.16
Q016948		350	>10000	124.0	<0.002	8.56	657	5.9	1	22.1	23.5	0.44	<0.05	7.2	0.160	1.91
Q016949		610	602	204	<0.002	3.07	45.4	11.7	1	5.2	112.5	0.63	0.13	13.8	0.257	3.16
Q016950		90	>10000	33.5	<0.002	>10.0	922	1.9	3	23.0	27.0	0.10	3.12	1.5	0.044	0.61
Q016951		680	84.4	120.5	<0.002	0.26	11.15	11.8	1	2.0	183.5	0.63	<0.05	13.1	0.297	2.19
Q016952		360	923	102.0	<0.002	4.02	130.0	6.2	<1	9.3	183.0	0.47	<0.05	9.5	0.156	1.81

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114877

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q016917		5.2	64	9.8	14.0	197	31.9					
Q016918		3.5	24	1.9	7.6	>10000	11.2	778		3.14	1.360	2.25
Q016919		15.5	54	3.7	11.4	86	31.7					
Q016920		5.8	69	3.4	13.2	437	26.8					
Q016921		5.4	70	3.5	13.3	452	27.0					
Q016922		5.4	65	3.2	12.3	274	24.1					
Q016923		10.4	33	3.1	8.5	8720	8.4					
Q016924		0.7	2	0.1	0.7	27	<0.5					
Q016925		4.7	46	4.0	11.3	1080	76.5					
Q016926		1.7	18	2.0	7.2	>10000	13.1	359			5.34	2.41
Q016927		4.4	72	6.5	14.2	153	27.9					
Q016928		17.0	40	5.1	9.2	>10000	21.5	168			1.510	
Q016929		0.7	2	0.1	0.8	36	<0.5					
Q016930		7.9	43	4.5	6.2	>10000	21.4	462			2.18	1.265
Q016931		7.7	69	3.5	14.5	173	28.9					
Q016932		6.7	66	6.7	9.7	3680	30.9					
Q016933		4.9	80	4.1	13.4	1110	27.7					
Q016934		9.2	57	20.9	8.8	1340	22.1					
Q016935		7.9	52	6.3	11.0	5510	21.8	96				1.620
Q016936		5.2	72	2.4	15.1	59	30.0					
Q016937		5.4	73	2.4	15.4	60	29.7					
Q016938		6.2	72	8.7	13.5	244	34.9					
Q016939		2.5	133	9.8	13.1	>10000	12.7	129	2.85	2.51	15.70	
Q016940		4.5	27	7.6	7.2	>10000	16.9	250		1.325	2.72	1.905
Q016941		3.2	61	22.2	9.2	3100	34.3	98				
Q016942		5.3	77	17.6	7.8	8120	33.7	133				
Q016943		3.8	73	3.4	12.4	679	29.7					
Q016944		15.4	73	7.8	16.4	644	155.5					
Q016945		7.1	94	9.9	14.9	156	189.0					
Q016946		15.8	46	5.2	9.6	4870	59.1					
Q016947		5.7	59	8.1	9.5	3430	23.7					
Q016948		4.9	48	4.5	6.6	>10000	21.4	552		10.95	4.51	
Q016949		8.0	75	6.8	13.6	2030	34.5					
Q016950		8.6	15	2.2	5.4	>10000	5.9	323		1.300	2.05	
Q016951		5.3	83	2.7	16.2	165	31.5					
Q016952		5.3	43	4.4	10.3	7160	20.9					0.994

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14114877

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21d
LOG-22	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
This copy reported on 12-AUG-2014
Account: ROCKHA

CERTIFICATE WH14115441

Project: ROCKHA_WH14105962

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2014.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **Re-analysis results for samples originally reported on certificate WH14105962**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14105962

CERTIFICATE OF ANALYSIS WH14115441

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
Q924949		0.75	7.51	195.0	2020	1.34	0.29	2.61	1.27	44.0	8.1	14	14.15	27.4	3.28	14.50
Q924950		1.72	7.91	246	1280	1.42	1.36	1.00	34.9	55.9	8.3	12	11.35	236	3.77	16.15
Q925351		0.18	7.68	21.4	2130	1.57	0.50	2.10	20.5	47.3	8.7	12	16.30	85.6	3.28	15.85
Q925352		0.22	7.62	35.0	2050	1.71	0.55	1.88	33.5	46.8	10.4	12	18.75	151.5	3.55	17.20
Q925353		5.64	7.78	61.0	2260	1.67	1.95	1.09	49.1	52.4	15.4	12	11.85	332	4.28	16.35
Q925354		0.10	7.68	10.9	2260	1.77	0.22	2.07	9.06	51.4	9.7	11	16.60	43.0	3.19	17.70
Q925355		0.41	7.47	48.9	1990	1.42	0.89	1.87	0.41	42.3	6.9	9	21.9	15.1	2.88	17.30
Q925356		40.4	5.83	2530	1460	1.17	39.7	1.65	46.7	35.3	16.9	21	10.15	1160	8.86	14.00
Q925357		0.47	7.00	55.1	2430	1.42	0.97	2.10	0.48	39.8	6.5	9	23.0	18.8	2.85	15.65
Q925358		0.50	5.96	22.7	2250	1.40	0.69	3.56	0.48	26.6	7.0	7	19.05	8.1	2.67	14.65
Q925359		0.11	8.32	19.0	2210	1.45	1.19	1.03	0.21	56.7	7.0	9	20.9	11.6	2.81	18.00
Q925360		2.55	7.11	243	650	1.89	1.82	2.67	5.77	44.2	6.2	6	31.0	49.5	2.84	15.05
Q925361		0.01	0.09	0.6	30	0.07	0.04	20.9	0.10	1.36	0.7	1	0.29	2.7	0.49	0.28
Q925362		5.87	7.25	356	1670	1.62	0.99	2.02	2.20	44.1	7.0	7	31.0	60.5	2.87	15.10
Q925363		4.92	7.29	348	1710	1.70	1.10	2.04	1.97	46.5	7.3	7	31.1	54.3	2.88	15.25
Q925364		1.55	7.65	44.4	5360	1.46	0.24	1.73	0.86	63.0	5.7	23	16.35	15.5	2.39	17.75
Q925365		0.91	7.55	85.5	2610	1.39	0.72	1.79	3.63	48.0	4.7	8	22.1	20.2	3.04	16.35
Q925366		0.49	7.16	57.3	1940	1.40	0.54	2.09	2.78	40.4	4.1	12	15.45	7.1	2.87	14.35
Q925367		>100	6.32	>10000	790	1.19	0.53	1.05	323	44.5	3.5	6	14.25	121.5	3.92	14.75
Q925368		47.1	6.94	5250	720	1.53	1.43	1.28	71.9	54.0	5.6	9	17.50	44.2	4.88	16.40
Q925369		4.76	6.88	723	1180	1.54	3.72	2.04	11.80	47.7	12.8	24	13.70	308	4.98	15.95
Q925370		0.21	7.62	26.9	2420	1.52	0.80	2.26	0.52	50.3	7.6	11	14.65	7.8	3.54	16.25
Q925371		0.16	7.51	14.5	2190	1.56	0.97	2.41	0.25	41.9	5.6	9	13.30	5.3	2.99	15.20
Q925372		0.09	7.51	11.0	2600	1.54	0.59	2.08	0.09	46.8	6.8	11	11.20	9.8	2.80	15.50
Q925373		0.34	7.51	15.8	2540	1.59	0.41	2.74	0.94	46.2	7.1	12	18.85	9.2	3.36	16.80
Q925374		0.30	7.27	9.8	2340	1.59	0.27	2.37	2.51	40.1	6.2	9	23.6	9.8	2.88	15.50
Q925375		0.27	7.37	13.0	2260	1.52	0.21	2.38	1.45	40.6	6.2	10	21.9	15.0	2.90	15.50
Q925376		>100	7.06	5770	1030	1.41	1.16	1.72	58.3	37.6	5.9	13	19.15	198.5	3.68	14.25
Q925377		0.45	7.33	18.0	2130	1.58	0.68	2.25	0.40	49.4	6.7	7	29.5	12.8	3.00	16.35
Q925378		0.27	7.20	35.1	660	1.99	0.18	3.34	0.55	48.6	5.4	26	39.3	6.3	2.31	17.60
Q925379		0.06	7.07	21.7	1510	1.93	0.12	3.30	0.09	48.1	5.2	22	39.5	6.6	2.09	18.20
Q925380		0.17	7.22	24.1	2330	1.72	0.13	3.34	0.11	48.5	5.8	28	32.9	16.7	1.99	16.95
Q925381		0.21	7.04	10.9	2670	1.38	1.07	2.23	0.16	37.1	5.4	7	29.8	17.9	2.83	15.55
Q925382		4.90	7.23	415	2920	1.57	0.42	2.73	8.08	46.7	7.3	12	22.8	27.7	2.69	16.20
Q925383		0.24	7.30	12.6	2210	1.74	0.31	2.36	0.17	43.4	6.5	8	27.7	6.7	2.86	16.30
Q925384		1.41	7.00	277	1530	1.56	0.44	2.92	6.18	41.8	5.3	7	26.0	11.5	2.77	14.85

Comments: **Re-analysis results for samples originally reported on certificate WH14105962**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14105962

CERTIFICATE OF ANALYSIS WH14115441

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
Q924949		<0.05	1.1	0.104	3.16	22.8	12.1	0.76	1820	4.90	1.59	6.9	4.3	620	118.5	121.5
Q924950		0.09	1.1	0.218	3.76	31.8	21.7	0.59	1540	1.31	0.38	7.7	2.3	590	516	209
Q925351		0.08	1.1	0.058	3.05	24.8	16.2	0.75	1170	0.89	1.78	8.0	3.0	640	33.5	130.5
Q925352		0.09	1.2	0.086	3.23	23.0	18.7	0.72	1480	0.81	1.45	8.4	3.4	600	42.1	145.0
Q925353		0.09	1.0	0.576	3.60	28.5	23.7	0.65	2060	1.92	0.32	7.6	3.3	640	382	209
Q925354		0.12	1.3	0.061	2.86	26.0	15.6	0.68	819	0.76	1.76	8.7	3.0	610	25.6	122.0
Q925355		0.10	1.3	0.077	3.34	21.0	29.8	0.25	1040	1.00	0.38	8.3	3.1	620	44.7	141.5
Q925356		0.08	0.8	1.675	2.60	18.9	17.0	0.68	2280	18.25	0.06	4.6	17.8	460	1665	147.0
Q925357		0.07	1.2	0.064	3.04	20.2	32.7	0.39	1060	2.06	0.34	7.6	3.8	580	65.8	122.5
Q925358		0.08	1.2	0.036	2.81	11.7	25.5	0.22	852	0.71	1.06	7.1	2.5	530	27.3	87.7
Q925359		0.11	1.4	0.047	3.14	31.3	39.4	0.40	709	0.75	0.24	8.5	2.6	630	17.0	142.5
Q925360		0.09	1.2	0.470	2.92	23.6	30.5	0.89	1960	3.21	0.05	6.9	2.5	550	421	120.0
Q925361		0.17	<0.1	<0.005	0.03	0.7	1.1	13.00	211	0.21	<0.01	0.1	1.5	160	2.0	1.6
Q925362		0.12	1.3	0.068	3.10	23.3	15.1	0.77	2770	2.50	0.03	7.1	2.9	590	413	137.0
Q925363		0.08	1.2	0.066	3.07	25.0	15.5	0.78	2730	2.62	0.03	7.1	2.9	580	319	144.5
Q925364		0.10	4.2	0.046	1.14	32.7	74.2	0.70	882	1.00	0.03	10.2	5.8	1270	124.5	45.8
Q925365		0.09	1.4	0.154	3.21	25.2	17.7	0.64	1460	0.58	0.99	8.2	2.8	610	142.0	143.0
Q925366		0.07	1.2	0.098	3.55	20.6	12.0	0.63	1520	0.60	1.06	7.2	2.4	560	53.0	139.0
Q925367		<0.05	1.1	0.547	2.84	25.1	13.7	0.44	1570	0.54	0.02	5.5	1.7	430	>10000	160.5
Q925368		0.10	1.3	0.180	3.12	30.7	15.7	0.57	4040	0.99	0.03	7.0	2.5	490	6510	178.5
Q925369		0.09	1.1	0.337	3.00	26.3	28.4	0.78	1850	15.15	0.15	6.1	15.2	530	491	156.5
Q925370		0.09	1.3	0.061	3.04	25.7	16.4	0.98	1040	0.74	2.04	8.9	3.0	790	29.8	118.5
Q925371		0.06	1.2	0.040	2.80	20.9	16.2	0.79	683	1.51	2.50	7.6	2.6	650	23.7	97.9
Q925372		0.09	1.1	0.050	3.05	24.6	16.3	0.80	574	4.93	2.51	7.6	2.6	580	15.7	110.5
Q925373		0.10	1.2	0.070	2.87	23.2	20.7	0.87	1120	7.33	1.98	8.5	3.1	670	35.3	104.0
Q925374		0.09	1.2	0.043	2.77	20.4	13.1	0.69	764	1.45	2.14	7.5	2.5	600	72.2	95.5
Q925375		0.10	1.1	0.037	2.78	21.1	12.8	0.69	749	3.62	2.14	7.5	2.5	590	53.7	95.6
Q925376		0.05	1.0	0.347	3.05	19.0	34.4	0.60	2040	2.78	0.28	6.6	2.3	550	>10000	115.5
Q925377		0.14	1.3	0.063	3.02	24.3	39.5	0.63	833	3.12	1.68	8.0	3.6	610	34.0	127.0
Q925378		0.11	3.3	0.029	3.06	25.4	78.5	1.05	638	1.06	0.09	8.3	16.8	680	35.8	101.0
Q925379		0.16	2.9	0.026	2.93	24.5	60.8	0.88	453	1.00	0.08	8.5	14.0	750	17.3	91.1
Q925380		0.12	3.6	0.027	2.84	25.7	73.2	0.94	534	0.64	0.08	7.8	19.2	650	19.8	95.7
Q925381		0.08	1.1	0.075	2.99	18.5	53.3	0.63	876	0.43	1.03	7.4	3.2	610	23.4	99.4
Q925382		0.08	1.8	0.079	2.33	24.5	94.8	0.95	1670	1.46	0.04	7.5	7.5	570	333	89.9
Q925383		0.10	1.3	0.062	2.91	22.0	32.6	0.65	718	0.60	1.49	7.8	2.8	600	18.7	109.5
Q925384		0.08	1.2	0.047	2.73	22.1	122.0	1.01	2020	0.76	0.25	7.4	2.5	570	208	102.0

Comments: **Re-analysis results for samples originally reported on certificate WH14105962**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14105962

CERTIFICATE OF ANALYSIS WH14115441

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
Q924949		<0.002	0.31	5.08	9.0	1	2.1	297	0.60	<0.05	12.2	0.268	1.63	3.7	73	1.3
Q924950		<0.002	1.14	6.36	10.5	1	10.7	77.6	0.66	<0.05	16.3	0.263	2.43	5.5	70	4.0
Q925351		<0.002	0.06	2.73	10.9	1	1.9	296	0.65	<0.05	13.2	0.282	1.61	4.6	77	1.4
Q925352		<0.002	0.06	3.30	11.7	1	2.4	250	0.68	<0.05	12.8	0.271	1.98	5.6	75	1.9
Q925353		<0.002	1.35	8.87	11.0	1	6.9	88.1	0.57	<0.05	12.8	0.262	2.44	9.1	73	3.5
Q925354		<0.002	0.05	3.45	11.2	1	1.9	313	0.80	<0.05	15.4	0.266	1.56	6.5	71	1.2
Q925355		<0.002	0.11	15.85	10.0	1	2.5	103.0	0.73	<0.05	12.3	0.266	2.48	3.4	73	2.6
Q925356		0.003	7.84	103.5	8.3	1	10.7	63.8	0.40	0.72	8.9	0.173	2.31	5.5	57	7.3
Q925357		<0.002	0.30	15.20	8.9	<1	2.8	118.5	0.67	0.06	11.2	0.251	2.56	3.2	67	2.6
Q925358		<0.002	0.05	7.72	6.9	<1	2.4	218	0.63	<0.05	7.7	0.249	1.47	2.6	69	1.8
Q925359		<0.002	0.06	15.15	11.2	<1	2.3	92.1	0.75	<0.05	17.0	0.272	1.78	6.5	71	3.1
Q925360		<0.002	0.65	22.7	9.0	<1	2.3	108.5	0.62	<0.05	12.5	0.235	2.45	5.8	64	3.0
Q925361		<0.002	0.01	0.15	0.2	<1	<0.2	49.0	<0.05	<0.05	0.2	<0.005	<0.02	0.7	3	0.1
Q925362		<0.002	1.41	34.7	9.1	1	2.3	115.5	0.61	0.05	12.0	0.236	2.69	5.0	65	3.5
Q925363		<0.002	1.38	31.1	9.3	1	2.2	115.5	0.61	<0.05	12.5	0.239	2.65	5.2	65	3.5
Q925364		<0.002	0.24	44.4	6.4	1	1.5	368	0.69	<0.05	8.6	0.350	0.79	4.2	59	4.5
Q925365		<0.002	0.47	12.95	9.9	<1	2.6	147.0	0.72	<0.05	13.5	0.265	2.37	4.9	70	2.4
Q925366		<0.002	0.27	7.14	8.9	1	2.3	173.5	0.66	<0.05	11.3	0.250	2.29	4.4	68	1.2
Q925367		<0.002	4.49	164.5	7.7	<1	17.5	46.3	0.52	0.05	11.7	0.199	2.88	3.3	53	4.0
Q925368		<0.002	3.32	81.5	9.2	<1	8.1	67.4	0.64	0.12	14.5	0.206	3.36	4.5	56	3.3
Q925369		0.005	2.73	26.8	9.4	1	5.6	110.5	0.52	0.32	11.3	0.212	2.69	5.2	65	5.7
Q925370		<0.002	0.07	4.36	13.7	1	2.3	343	0.67	0.05	11.6	0.334	1.51	3.8	92	1.8
Q925371		<0.002	0.03	2.68	9.9	1	2.0	367	0.61	0.08	10.8	0.277	1.24	3.8	75	1.1
Q925372		<0.002	0.04	2.09	9.5	1	2.0	388	0.62	<0.05	12.2	0.252	1.34	4.0	65	0.9
Q925373		<0.002	0.14	5.56	11.5	1	2.2	321	0.66	<0.05	10.9	0.288	1.41	4.2	79	1.3
Q925374		<0.002	0.03	3.22	9.1	1	1.8	371	0.63	<0.05	10.3	0.262	1.24	3.2	67	1.0
Q925375		0.002	0.06	3.01	9.0	<1	1.7	364	0.61	<0.05	10.4	0.256	1.25	3.4	69	0.9
Q925376		<0.002	2.14	259	8.5	<1	3.4	147.0	0.55	0.08	10.0	0.231	2.33	4.7	61	3.7
Q925377		<0.002	0.07	6.69	10.4	1	2.3	331	0.68	0.15	11.3	0.264	1.68	3.3	68	1.2
Q925378		<0.002	0.02	10.20	5.5	<1	1.9	498	0.66	<0.05	9.1	0.265	1.92	4.2	51	1.4
Q925379		<0.002	0.04	7.73	5.5	<1	1.7	447	0.68	<0.05	8.8	0.271	1.87	4.2	50	1.7
Q925380		<0.002	0.06	13.10	5.2	1	2.0	408	0.63	<0.05	9.3	0.260	1.93	4.3	49	1.5
Q925381		<0.002	0.04	10.00	9.0	1	2.5	282	0.56	0.05	9.4	0.255	1.67	2.3	67	1.9
Q925382		0.002	0.65	21.4	8.7	1	3.8	242	0.63	0.08	10.9	0.245	1.91	6.4	62	3.9
Q925383		<0.002	0.08	8.13	9.6	1	2.3	303	0.66	0.08	10.8	0.262	1.84	3.2	70	1.0
Q925384		<0.002	0.31	15.10	9.2	1	2.7	179.0	0.65	0.07	11.0	0.247	2.16	4.2	64	2.7

Comments: **Re-analysis results for samples originally reported on certificate WH14105962**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14105962

CERTIFICATE OF ANALYSIS WH14115441

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61
	Analyte	Y	Zn	Zr
	Units	ppm	ppm	ppm
	LOR	0.1	2	0.5
Q924949		13.6	170	28.9
Q924950		11.5	2940	27.1
Q925351		16.9	1860	27.4
Q925352		17.5	2510	31.0
Q925353		12.3	3280	24.0
Q925354		17.7	1380	31.7
Q925355		15.2	71	36.0
Q925356		9.4	3300	23.0
Q925357		12.8	74	32.7
Q925358		11.1	64	31.0
Q925359		18.8	56	37.6
Q925360		16.0	686	31.3
Q925361		0.8	21	<0.5
Q925362		13.1	267	33.4
Q925363		13.7	248	33.0
Q925364		13.0	124	171.0
Q925365		15.1	401	37.8
Q925366		13.9	357	31.0
Q925367		8.9	>10000	25.8
Q925368		12.5	4830	33.7
Q925369		11.8	883	32.4
Q925370		20.7	89	34.7
Q925371		15.9	63	31.3
Q925372		16.2	46	29.8
Q925373		18.4	108	30.5
Q925374		14.9	190	29.7
Q925375		15.1	130	28.9
Q925376		12.4	4770	27.1
Q925377		15.0	76	31.8
Q925378		10.5	96	125.5
Q925379		10.7	51	103.5
Q925380		10.5	50	138.5
Q925381		13.0	54	29.2
Q925382		14.4	557	60.2
Q925383		15.1	56	34.6
Q925384		15.0	422	33.0

Comments: **Re-analysis results for samples originally reported on certificate WH14105962**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: ROCKHA_WH14105962

Finalized Date: 6-AUG-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14115441

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

CERTIFICATE WH14115503

Project: KLAZA

P.O. No.: BATCH 121

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

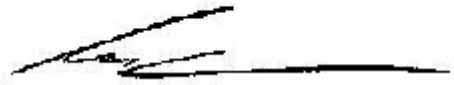
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115503

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933017		6.00	<0.005	0.04	7.20	15.6	880	1.73	0.12	3.01	0.40	77.3	5.9	14	23.2	4.6
Q933018		4.36	1.425	12.15	6.57	2020	370	1.11	2.31	3.17	29.4	44.8	9.0	5	26.7	66.4
Q933019		3.01	0.062	1.05	7.27	82.7	1680	1.72	0.79	3.10	1.70	57.3	6.8	7	38.5	8.8
Q933020		1.12	0.011	0.27	5.91	42.0	1740	1.70	0.23	1.64	0.61	52.8	4.7	9	37.9	8.4
Q933021		10.25	0.016	0.86	7.09	15.1	2000	1.41	1.64	2.96	0.49	50.6	13.7	7	20.6	6.5
Q933022		0.26	0.351	4.54	6.80	714	280	1.27	3.29	2.12	10.70	50.8	12.3	22	13.35	331
Q933023		6.23	0.007	0.31	7.13	13.3	1470	1.33	1.17	2.33	0.31	51.5	13.2	6	22.4	6.0
Q933024		4.08	0.011	0.24	6.92	19.2	1720	1.61	1.11	2.08	0.22	53.9	7.2	6	26.4	9.9
Q933025		2.59	<0.005	0.07	6.89	30.7	1200	1.94	0.39	2.36	0.31	63.7	6.1	14	26.8	9.5
Q933026		4.79	<0.005	0.05	6.76	12.4	210	1.80	0.10	2.87	0.29	52.9	8.6	8	31.6	9.3
Q933027		7.11	<0.005	0.06	7.54	23.8	550	1.83	0.15	2.50	0.08	68.2	6.7	17	27.0	9.6
Q933028		11.38	<0.005	0.12	7.21	25.0	830	1.64	0.13	3.51	0.14	57.3	6.3	7	25.5	6.2
Q933029		7.06	0.087	2.26	7.38	82.7	2000	1.64	0.81	1.89	7.16	54.1	7.3	5	20.3	18.6
Q933030		0.26	1.775	37.9	5.60	2430	430	1.11	33.7	1.68	43.5	36.2	15.9	18	9.64	1210
Q933031		6.61	0.098	5.37	6.94	290	150	1.45	1.56	1.90	27.3	45.0	8.6	7	15.20	16.0
Q933032		2.51	1.545	39.0	6.10	5390	200	1.22	2.54	0.80	300	40.1	8.9	7	8.45	171.5
Q933033		3.18	0.029	1.39	7.41	65.9	390	1.48	0.84	2.26	2.42	54.1	8.9	8	15.75	3.3
Q933034		3.01	0.210	3.19	6.37	809	310	1.23	1.08	1.57	12.65	42.3	7.6	7	16.30	11.2
Q933035		6.61	<0.005	0.02	0.18	0.4	50	0.09	0.03	20.9	0.07	1.47	0.9	5	0.51	2.0
Q933036		2.21	0.022	1.09	7.21	156.5	1880	1.19	0.35	2.35	5.92	55.2	6.4	7	24.3	9.6
Q933037		6.48	<0.005	0.13	7.24	10.1	2550	1.17	0.48	2.88	0.16	53.0	8.0	9	22.6	13.1
Q933038		5.21	0.013	0.44	7.14	38.5	1650	1.23	0.52	2.79	0.94	52.9	7.2	7	24.3	7.6
Q933039		2.75	0.008	0.29	6.94	27.8	1740	1.45	0.53	2.98	0.49	52.3	6.0	7	25.1	7.3
Q933040		5.41	0.125	3.52	6.91	325	410	1.31	1.69	2.70	7.51	50.9	7.7	6	22.2	9.7
Q933041		9.99	<0.005	0.39	7.01	8.7	2440	1.34	0.30	2.64	0.46	53.7	6.6	9	20.6	6.9
Q933042		1.56	0.022	0.67	7.28	37.2	1470	1.44	0.33	2.35	5.40	55.3	9.3	7	30.4	14.2
Q933043		5.97	0.016	0.57	6.89	35.2	2260	1.44	0.37	2.41	8.66	50.5	6.8	6	27.7	11.4
Q933044		2.24	<0.005	0.01	0.06	<0.2	70	<0.05	0.02	20.7	0.06	1.12	0.6	<1	0.14	4.1
Q933045		4.40	<0.005	0.05	6.98	6.2	2870	1.64	0.30	2.48	0.09	49.7	6.9	10	18.35	7.0
Q933046		3.79	0.030	0.41	6.76	67.7	1800	1.49	0.52	2.80	0.66	53.1	6.9	8	22.1	5.1
Q933047		5.13	0.005	0.09	6.73	8.6	2080	1.68	0.49	2.55	0.12	43.4	7.5	9	18.40	4.7
Q933048		9.36	<0.005	0.09	6.97	7.5	2190	1.60	0.44	2.29	0.11	48.7	7.3	9	16.75	4.6
Q933049		<0.02	<0.005	0.10	7.00	8.3	2120	1.56	0.43	2.26	0.13	46.9	7.2	9	16.80	4.5
Q933050		6.05	0.234	9.29	7.31	73.2	710	1.51	7.46	3.53	9.96	25.9	25.5	4	12.40	7.7
Q933051		4.17	0.008	0.21	6.87	15.5	2200	1.25	0.49	2.13	0.16	43.8	7.9	8	14.95	6.0
Q933052		2.31	0.016	0.32	6.38	27.1	1520	1.35	0.66	2.62	0.21	45.0	6.8	8	16.70	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115503

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933017		2.66	20.1	0.09	4.4	0.026	2.71	37.3	46.9	0.87	515	0.36	0.66	11.0	5.5	1140
Q933018		3.59	14.40	0.07	1.2	0.469	2.94	21.7	18.8	1.08	838	2.18	0.06	6.2	3.1	540
Q933019		2.54	17.90	0.15	1.8	0.055	3.13	27.9	25.5	1.06	553	2.42	0.07	8.2	2.5	620
Q933020		1.85	14.55	0.08	3.0	0.036	2.00	26.4	96.8	0.61	515	0.87	0.07	8.0	3.7	720
Q933021		3.42	15.45	0.07	1.1	0.058	3.03	25.8	50.9	0.85	684	0.56	0.82	6.9	2.3	530
Q933022		5.20	16.00	0.08	1.1	0.307	3.09	26.5	28.3	0.82	1920	14.55	0.16	6.1	14.6	520
Q933023		3.25	15.55	0.07	1.2	0.054	2.82	26.5	106.5	0.90	782	0.62	0.07	6.9	2.2	550
Q933024		2.75	16.05	0.10	1.3	0.053	2.43	26.5	345	0.77	551	1.35	0.05	7.7	2.9	570
Q933025		2.43	17.55	0.11	3.6	0.031	2.02	31.6	510	0.84	546	0.64	0.06	9.7	5.9	1030
Q933026		2.24	17.35	0.11	3.4	0.025	2.63	25.6	68.8	0.94	640	0.36	0.06	9.0	6.8	730
Q933027		2.81	19.95	0.13	3.7	0.028	2.74	33.3	235	0.93	643	0.86	0.05	10.8	7.1	1120
Q933028		2.68	18.40	0.09	3.5	0.035	3.27	28.5	51.2	1.09	679	0.89	0.06	9.8	4.2	740
Q933029		4.19	15.90	0.07	1.4	0.166	3.51	27.4	71.6	0.85	1000	0.94	0.38	7.6	2.4	590
Q933030		9.03	13.75	0.07	0.8	1.475	2.62	16.8	17.1	0.70	2280	17.10	0.06	4.5	14.2	450
Q933031		4.65	16.35	0.07	1.2	0.215	3.39	20.5	20.5	0.75	1280	1.96	0.04	6.4	2.3	520
Q933032		5.87	15.20	0.06	1.3	2.18	3.01	19.0	11.2	0.43	871	1.56	0.03	5.4	2.0	440
Q933033		3.97	16.55	0.07	1.1	0.045	3.45	27.6	48.0	0.88	1220	1.18	0.04	6.3	2.1	550
Q933034		3.99	14.60	0.08	1.0	0.213	2.99	18.8	28.3	0.64	1740	1.17	0.03	5.7	2.6	490
Q933035		0.50	0.42	0.09	<0.1	<0.005	0.09	0.7	1.7	12.85	223	0.07	0.01	0.1	2.7	170
Q933036		3.38	15.45	0.15	1.1	0.062	3.41	28.3	52.7	0.83	1530	1.12	0.21	6.9	2.0	580
Q933037		3.08	17.00	0.10	1.3	0.037	2.89	25.9	10.9	0.70	540	0.92	2.04	8.0	2.4	590
Q933038		3.07	16.60	0.10	1.2	0.033	3.04	26.3	193.5	0.81	684	1.19	0.28	7.5	2.4	590
Q933039		2.85	16.05	0.12	1.2	0.027	2.99	25.5	227	0.81	667	0.85	0.29	7.3	2.2	560
Q933040		3.49	15.35	0.10	1.0	0.075	2.83	26.3	125.0	0.96	1220	1.02	0.05	6.6	2.0	520
Q933041		3.21	16.35	0.08	1.3	0.042	2.86	25.3	22.1	0.73	671	0.91	1.91	7.8	2.3	600
Q933042		2.78	16.80	0.09	1.1	0.135	2.84	27.3	18.9	0.83	615	1.41	0.05	7.7	2.4	650
Q933043		2.87	16.00	0.12	1.2	0.247	2.81	25.3	175.0	0.80	848	1.29	0.14	7.3	2.2	530
Q933044		0.47	0.24	0.17	<0.1	<0.005	0.02	0.5	1.2	12.70	193	0.23	<0.01	0.2	1.4	190
Q933045		2.73	15.50	0.13	1.4	0.033	2.63	25.3	13.3	0.65	452	0.75	1.98	7.8	2.3	540
Q933046		2.85	15.10	0.14	1.3	0.040	3.04	28.5	130.0	0.82	1160	0.93	0.23	7.4	2.2	540
Q933047		3.06	15.55	0.13	1.2	0.041	2.69	21.7	29.7	0.77	517	1.43	1.46	8.2	2.1	560
Q933048		2.99	15.85	0.12	1.1	0.035	2.64	24.1	32.8	0.74	427	0.97	1.56	7.7	2.2	560
Q933049		3.00	15.75	0.13	1.1	0.035	2.60	24.6	35.0	0.74	422	0.91	1.50	8.0	2.3	570
Q933050		5.60	17.50	0.13	1.7	0.110	3.02	11.8	99.5	1.43	2120	2.63	0.07	5.2	4.1	1060
Q933051		2.88	15.70	0.12	1.1	0.045	2.64	22.2	40.7	0.70	614	1.16	0.52	7.9	2.3	590
Q933052		2.92	13.75	0.13	1.0	0.030	3.13	24.7	49.6	0.81	746	0.81	0.54	6.7	2.2	500

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115503

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933017		23.5	108.0	<0.002	0.02	4.55	5.8	<1	1.5	725	0.72	<0.05	10.2	0.344	1.41	3.6
Q933018		2750	153.0	0.002	2.12	18.55	8.5	1	3.0	223	0.57	0.50	11.1	0.221	2.65	4.6
Q933019		134.0	153.0	<0.002	1.02	8.53	9.9	1	2.0	251	0.67	0.36	12.8	0.253	2.36	5.9
Q933020		55.1	93.0	<0.002	0.17	41.6	5.6	1	1.2	409	0.57	0.06	8.1	0.247	1.59	13.9
Q933021		50.3	128.5	<0.002	1.12	5.85	9.4	1	1.9	281	0.58	0.82	13.4	0.227	1.66	4.8
Q933022		497	161.0	0.006	2.81	29.6	9.3	1	5.8	109.0	0.52	0.35	10.9	0.210	2.40	5.4
Q933023		25.5	118.5	<0.002	0.71	13.30	9.4	1	1.8	176.5	0.59	0.37	13.1	0.226	1.51	4.8
Q933024		19.6	113.0	<0.002	0.59	19.10	10.6	1	2.0	196.0	0.71	0.16	13.0	0.247	1.69	4.7
Q933025		23.7	91.9	<0.002	0.10	26.4	6.6	1	1.5	585	0.65	0.06	9.2	0.318	1.22	6.3
Q933026		13.1	114.5	<0.002	0.05	21.2	7.3	<1	1.7	277	0.68	<0.05	9.1	0.289	1.45	5.8
Q933027		18.2	132.0	<0.002	0.04	18.85	6.9	1	1.3	460	0.72	<0.05	9.9	0.342	2.06	4.5
Q933028		18.6	151.0	<0.002	0.10	25.6	7.6	1	1.3	357	0.71	<0.05	10.2	0.295	2.32	5.7
Q933029		463	161.5	<0.002	1.05	14.00	10.0	1	2.4	204	0.65	0.20	13.8	0.253	2.42	5.0
Q933030		1625	143.5	0.002	7.92	108.5	8.0	2	10.6	61.4	0.37	0.74	8.6	0.163	2.27	5.5
Q933031		1070	201	0.002	3.49	12.55	10.0	1	3.6	96.7	0.54	0.50	12.5	0.211	3.14	5.5
Q933032		8470	181.0	<0.002	5.93	56.9	8.0	1	8.2	32.4	0.44	0.32	10.9	0.178	3.30	3.5
Q933033		150.0	192.5	<0.002	2.58	8.63	9.9	1	3.3	120.5	0.54	0.43	14.7	0.209	2.88	5.3
Q933034		565	170.5	<0.002	3.43	15.65	8.6	1	4.2	153.0	0.50	0.37	10.6	0.197	2.94	4.3
Q933035		2.4	4.1	<0.002	<0.01	0.08	0.4	<1	<0.2	39.1	<0.05	0.05	<0.2	0.007	0.02	0.6
Q933036		218	166.0	<0.002	1.06	9.71	9.8	1	2.2	215	0.59	0.13	13.5	0.250	2.57	5.1
Q933037		18.9	124.0	<0.002	0.57	3.27	10.6	1	1.9	381	0.66	0.18	14.2	0.259	1.46	5.3
Q933038		58.8	131.5	<0.002	1.39	12.00	10.1	1	2.1	256	0.66	0.38	13.3	0.253	2.10	5.1
Q933039		28.3	122.5	<0.002	1.05	10.70	9.4	1	1.8	251	0.61	0.28	13.0	0.241	1.94	5.0
Q933040		1265	151.0	<0.002	2.05	13.75	9.2	1	2.5	205	0.55	0.27	12.7	0.219	2.47	4.5
Q933041		105.5	113.5	<0.002	0.29	5.00	10.6	1	2.0	360	0.64	0.10	14.0	0.264	1.43	4.8
Q933042		90.4	122.5	<0.002	0.63	8.24	11.7	<1	2.0	202	0.60	0.13	13.0	0.277	2.47	4.4
Q933043		87.2	128.0	<0.002	0.88	18.25	9.6	1	1.9	223	0.60	0.12	13.3	0.240	2.21	5.0
Q933044		1.5	0.9	<0.002	<0.01	0.07	0.1	1	<0.2	50.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q933045		15.2	105.0	<0.002	0.50	2.67	10.5	1	1.6	420	0.69	0.10	15.5	0.233	1.25	5.0
Q933046		42.3	140.0	<0.002	1.07	8.97	10.4	1	1.7	216	0.67	0.13	15.4	0.223	2.04	4.6
Q933047		15.7	111.5	<0.002	1.01	3.03	11.8	1	2.0	332	0.71	0.20	13.2	0.246	1.45	4.5
Q933048		15.6	110.0	0.002	0.75	3.94	11.4	1	1.8	336	0.65	0.19	15.4	0.239	1.36	5.0
Q933049		14.8	111.0	<0.002	0.79	3.93	11.1	1	1.9	329	0.66	0.19	14.0	0.242	1.35	4.6
Q933050		462	174.5	<0.002	2.71	14.15	13.2	1	2.6	126.5	0.29	4.48	2.7	0.381	2.54	3.1
Q933051		15.1	103.5	<0.002	0.68	12.60	10.8	1	1.8	193.0	0.68	0.14	13.3	0.242	1.49	4.3
Q933052		17.2	143.0	<0.002	1.68	5.72	9.4	2	1.6	197.5	0.58	0.32	13.2	0.210	1.98	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115503

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q933017		54	1.2	10.1	100	181.5	
Q933018		61	3.5	11.9	1870	33.7	
Q933019		67	4.5	13.6	145	59.6	
Q933020		54	2.5	11.8	80	119.0	
Q933021		64	2.1	14.9	67	27.4	
Q933022		65	5.5	11.2	867	28.4	
Q933023		63	1.7	15.1	59	28.9	
Q933024		68	2.2	14.8	47	31.5	
Q933025		62	8.5	12.9	66	148.5	
Q933026		64	3.7	12.2	73	122.0	
Q933027		68	2.9	12.1	69	151.5	
Q933028		68	4.4	13.9	62	129.5	
Q933029		67	5.1	13.3	486	36.5	
Q933030		56	7.0	8.9	3220	21.8	
Q933031		62	4.8	11.5	1790	29.8	
Q933032		51	6.1	8.8	>10000	25.4	1.980
Q933033		63	3.5	12.1	195	28.2	
Q933034		59	12.0	10.2	829	24.8	
Q933035		4	0.1	0.8	16	<0.5	
Q933036		69	3.7	14.5	428	25.9	
Q933037		69	1.3	16.3	40	31.8	
Q933038		68	3.1	14.4	88	28.9	
Q933039		66	2.6	13.8	60	28.8	
Q933040		59	3.1	12.8	532	25.5	
Q933041		72	2.5	15.8	66	30.5	
Q933042		80	3.6	17.3	358	28.3	
Q933043		62	3.1	13.8	560	29.2	
Q933044		1	0.1	0.7	15	<0.5	
Q933045		64	1.7	16.4	37	35.5	
Q933046		64	3.4	16.6	72	32.3	
Q933047		73	1.5	17.1	44	30.0	
Q933048		68	1.1	16.9	38	27.3	
Q933049		66	1.2	16.6	40	28.7	
Q933050		123	3.9	15.8	672	64.7	
Q933051		68	2.2	15.3	42	31.0	
Q933052		58	2.1	13.8	44	27.4	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115503

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	ME-OG62	PUL-31
PUL-31d	PUL-QC	Zn-OG62	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

CERTIFICATE WH14115504

Project: KLAZA

P.O. No.: BATCH 122

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115504

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934087		0.59	0.048	4.75	6.57	161.0	2270	2.38	16.55	3.88	8.12	59.2	8.3	9	36.3	122.5
Q934088		1.54	<0.005	0.45	6.25	51.2	590	2.01	0.15	2.21	0.49	55.9	6.8	15	24.6	11.0
Q934089		7.43	<0.005	0.16	6.66	17.0	1000	2.08	0.16	2.82	0.63	60.6	7.2	15	23.2	10.1
Q934090		1.25	0.068	1.63	6.18	159.0	610	1.55	1.35	2.03	2.55	48.8	13.0	7	12.65	33.4
Q934091		6.03	<0.005	0.52	7.08	41.2	2060	1.64	0.96	2.57	1.88	48.9	8.3	9	19.30	23.7
Q934092		2.56	0.015	1.69	6.61	264	1610	1.62	0.81	2.66	5.08	48.6	6.7	8	22.1	61.2
Q934093		4.65	<0.005	0.84	7.04	10.3	1590	1.67	1.71	2.52	0.59	45.0	5.8	10	14.30	8.4
Q934094		5.03	<0.005	0.35	7.15	14.7	1630	1.35	7.55	3.26	0.11	57.8	7.3	9	11.65	172.0
Q934095		4.08	0.005	0.66	7.98	122.5	2240	1.69	7.84	2.60	0.26	53.8	8.1	12	10.95	304
Q934096		1.89	<0.005	0.14	7.93	22.0	2430	2.02	0.73	1.25	0.40	59.4	18.7	9	17.65	3.7
Q934097		3.23	<0.005	0.01	0.05	<0.2	30	0.05	0.04	19.85	0.04	1.15	0.7	1	0.11	2.4
Q934098		4.31	0.005	0.22	6.54	39.7	1830	1.65	1.47	2.06	0.10	36.8	11.3	7	16.95	4.0
Q934099		5.55	0.044	0.67	7.90	130.0	2190	1.10	1.95	2.87	0.28	58.1	117.5	6	25.8	12.0
Q934100		6.90	0.084	9.50	7.48	171.5	380	1.30	9.84	1.75	26.3	55.3	29.5	7	29.7	344
Q934101		8.40	0.186	27.2	7.51	220	420	1.67	48.7	2.29	39.5	97.0	61.7	4	36.2	436
Q934102		5.47	0.034	1.07	7.94	178.5	1970	1.69	3.67	2.36	1.08	54.5	28.1	7	22.3	49.3
Q934103		7.22	0.012	0.65	6.86	97.2	4470	1.67	1.82	2.71	1.58	50.1	12.4	7	24.5	24.0
Q934104		7.23	0.057	1.55	8.32	178.5	1180	2.21	5.99	3.20	2.36	73.1	95.8	6	39.7	43.9
Q934105		4.02	<0.005	0.01	0.08	0.2	50	0.07	0.05	20.6	0.08	1.27	0.7	1	0.24	1.5
Q934106		1.98	0.037	0.58	7.46	101.5	1190	1.75	1.50	2.72	1.76	53.2	65.4	8	31.0	11.2
Q934107		2.15	<0.005	0.19	6.44	72.5	4150	1.74	2.22	5.34	0.09	53.0	5.2	6	28.5	7.3
Q934108		2.18	0.267	1.78	7.11	194.0	180	1.20	2.76	3.20	1.89	49.2	54.0	6	21.3	134.5
Q934109		2.65	0.233	2.31	7.30	272	200	1.10	3.39	2.12	2.40	48.2	23.7	7	16.85	422
Q934110		6.33	0.068	3.32	7.48	170.5	250	1.09	2.99	2.07	2.54	57.0	29.1	7	14.85	500
Q934111		3.02	0.140	3.30	7.27	192.5	240	1.07	3.09	1.96	2.95	55.8	23.5	6	15.55	484
Q934112		1.77	0.042	1.03	6.83	50.4	3480	1.46	0.88	2.01	1.28	36.1	12.3	11	10.30	84.6
Q934113		2.97	0.066	1.28	6.61	93.7	1020	1.22	1.52	2.57	2.56	44.5	14.5	9	12.55	140.5
Q934114		2.82	0.020	0.49	6.75	37.7	1530	1.35	0.66	2.11	1.51	45.5	5.8	8	15.10	21.3
Q934115		<0.02	0.024	0.45	6.91	37.1	1580	1.41	0.63	2.14	1.57	48.6	5.5	9	15.35	22.8
Q934116		4.05	0.010	0.75	6.74	73.4	1330	1.44	0.37	2.15	4.40	44.7	6.7	9	16.30	10.8
Q934117		0.26	0.827	11.40	6.74	1635	140	1.28	11.60	1.98	31.3	43.4	16.6	19	12.65	295
Q934118		0.76	0.263	15.70	7.59	846	200	1.73	3.67	2.26	19.05	55.5	10.4	11	9.95	163.0
Q934119		3.25	0.023	0.38	7.79	14.8	1340	1.35	0.50	2.45	0.58	67.6	4.9	14	9.17	6.9
Q934120		2.11	0.030	1.45	7.26	39.2	2540	1.12	0.83	3.20	7.09	65.0	5.7	13	14.20	20.5
Q934121		1.72	0.010	0.31	6.63	19.9	1260	1.21	0.23	2.21	1.83	58.1	3.9	13	14.80	4.2
Q934122		0.26	0.346	4.61	7.04	751	400	1.33	3.34	2.14	10.65	46.3	11.8	26	12.75	327

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115504

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934087		2.69	16.45	0.16	1.8	0.187	2.37	31.9	22.8	1.28	3070	4.02	0.04	8.4	4.3	680
Q934088		2.34	16.70	0.15	3.4	0.024	1.99	29.7	40.1	0.88	875	3.91	0.04	9.1	5.5	920
Q934089		2.48	18.45	0.16	3.6	0.026	2.34	31.5	67.6	1.06	640	0.80	0.04	10.1	6.3	1000
Q934090		4.23	15.45	0.14	1.7	0.134	2.59	26.3	20.4	0.75	1080	42.0	0.05	8.4	3.7	480
Q934091		2.92	17.70	0.16	1.3	0.051	2.64	24.0	13.3	0.66	659	1.05	1.80	8.1	2.7	580
Q934092		3.47	16.00	0.14	1.0	0.126	2.62	25.0	19.0	0.78	1480	0.88	0.99	7.5	2.6	550
Q934093		3.20	16.70	0.13	1.0	0.104	2.12	22.8	16.9	0.79	733	0.89	1.88	8.1	3.1	600
Q934094		3.83	16.30	0.15	1.2	0.074	1.92	31.3	30.0	0.97	627	2.91	1.34	8.8	3.3	630
Q934095		3.65	17.60	0.14	1.1	0.106	2.54	27.8	15.5	0.89	547	1.17	2.15	8.6	3.1	660
Q934096		3.52	17.70	0.16	1.3	0.158	2.74	32.2	22.1	0.22	827	0.77	1.03	8.6	3.3	630
Q934097		0.45	0.17	0.09	<0.1	<0.005	0.02	0.6	0.8	12.30	197	0.05	0.01	0.1	1.5	200
Q934098		3.56	16.35	0.13	1.1	0.135	1.85	17.8	32.5	0.45	915	0.76	0.04	7.9	2.6	560
Q934099		5.83	16.50	0.17	1.0	0.233	3.18	31.6	21.3	1.20	2380	1.19	0.04	7.7	2.8	560
Q934100		7.75	18.80	0.17	0.9	1.350	3.09	31.2	18.8	1.05	2630	0.93	0.03	7.4	2.9	550
Q934101		11.40	28.0	0.17	0.8	2.74	3.00	57.5	24.5	1.37	4550	1.26	0.03	5.4	3.5	460
Q934102		7.92	26.0	0.14	1.0	0.780	2.61	30.7	58.2	1.04	2310	0.38	0.05	8.1	3.0	680
Q934103		4.74	19.15	0.13	1.4	0.459	2.27	28.1	64.3	1.04	1650	0.49	0.04	7.2	2.5	570
Q934104		8.77	29.4	0.18	1.1	1.615	2.43	41.3	104.0	1.34	2420	0.45	0.04	8.6	3.9	580
Q934105		0.48	0.28	0.10	<0.1	0.007	0.03	0.6	1.3	13.10	207	0.07	<0.01	0.2	1.5	180
Q934106		4.73	21.3	0.13	1.2	0.780	2.64	27.7	153.5	0.96	1440	0.53	0.06	9.8	2.9	690
Q934107		5.05	17.85	0.11	0.9	0.278	1.22	28.0	34.9	0.39	703	0.48	0.84	7.2	2.0	470
Q934108		9.54	19.15	0.16	0.8	0.343	2.95	25.3	73.4	1.12	3380	0.21	0.04	6.1	3.0	560
Q934109		9.79	17.65	0.15	0.8	0.282	2.80	24.5	73.0	1.03	2510	0.16	0.08	8.1	3.0	650
Q934110		8.43	17.25	0.15	0.9	0.349	3.09	30.9	58.6	1.05	2320	0.14	0.15	7.9	3.0	600
Q934111		8.86	17.25	0.14	0.8	0.315	2.83	30.1	60.2	1.05	2290	0.11	0.19	7.6	2.7	570
Q934112		4.13	13.90	0.13	1.1	0.163	3.83	18.6	29.6	0.84	1730	0.17	0.06	6.5	2.1	540
Q934113		4.87	13.30	0.14	0.9	0.223	2.83	23.9	28.5	0.94	2270	0.23	0.03	6.8	2.2	510
Q934114		3.60	15.60	0.15	1.2	0.143	2.75	22.9	27.4	0.72	1470	0.34	0.06	7.9	2.2	570
Q934115		3.63	15.60	0.12	1.1	0.139	2.75	25.5	27.5	0.74	1460	0.31	0.06	7.8	2.3	570
Q934116		3.09	16.70	0.15	1.3	0.106	2.44	22.0	47.8	0.63	1180	0.46	0.07	8.5	2.5	560
Q934117		6.81	15.55	0.16	1.1	0.743	2.97	22.3	18.3	0.80	1930	8.76	0.13	6.3	11.5	560
Q934118		4.83	19.05	0.16	2.1	0.332	2.44	28.2	34.7	0.89	1460	1.65	0.03	10.3	3.9	780
Q934119		2.72	17.80	0.18	2.6	0.035	0.95	36.7	128.5	1.00	794	1.03	0.03	11.3	2.7	940
Q934120		2.72	17.00	0.21	2.4	0.060	1.37	36.4	329	1.13	814	2.20	0.04	10.9	2.7	860
Q934121		2.34	15.60	0.18	2.2	0.047	1.66	30.8	295	0.79	713	1.64	0.04	9.5	2.4	780
Q934122		5.28	16.00	0.15	1.1	0.310	3.12	25.9	24.6	0.82	2000	13.40	0.16	6.3	13.8	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115504

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934087		506	157.0	0.002	0.84	43.9	9.8	1	4.9	325	0.66	0.14	11.9	0.235	3.02	9.6
Q934088		30.2	109.5	<0.002	0.15	15.85	6.6	<1	1.2	228	0.63	<0.05	8.5	0.252	2.19	6.1
Q934089		16.1	113.0	<0.002	0.11	8.75	7.0	<1	1.4	261	0.71	<0.05	8.8	0.272	3.06	6.3
Q934090		289	165.5	0.007	2.38	11.40	7.7	1	6.3	97.1	0.88	0.43	15.0	0.179	2.34	9.2
Q934091		101.0	123.0	<0.002	0.17	4.70	11.4	<1	2.6	349	0.64	0.06	11.9	0.242	1.64	3.9
Q934092		423	137.5	<0.002	0.38	9.93	10.9	1	3.2	238	0.59	0.05	12.1	0.229	1.92	4.1
Q934093		184.0	99.7	<0.002	0.05	5.58	11.1	1	3.6	292	0.62	<0.05	10.9	0.247	1.55	3.4
Q934094		16.7	112.0	<0.002	0.06	7.11	12.4	2	4.0	261	0.69	0.05	12.3	0.265	1.27	3.6
Q934095		18.3	117.5	<0.002	0.42	3.64	11.8	2	4.2	417	0.72	<0.05	14.0	0.277	1.64	5.1
Q934096		9.5	144.5	<0.002	0.19	6.43	11.4	1	2.0	127.0	0.73	0.08	16.1	0.261	1.79	3.1
Q934097		1.3	0.8	<0.002	<0.01	0.05	0.1	<1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q934098		11.3	70.6	<0.002	0.13	12.75	9.7	<1	2.0	77.7	0.65	0.10	10.0	0.236	1.15	2.1
Q934099		15.8	147.0	<0.002	1.35	14.90	10.0	<1	2.9	83.0	0.70	0.08	14.9	0.208	2.57	4.6
Q934100		1675	175.0	<0.002	1.73	58.5	10.6	1	5.4	68.4	0.66	0.19	14.4	0.209	2.60	7.2
Q934101		967	155.0	<0.002	2.62	63.6	12.3	1	6.8	83.6	0.49	0.64	12.0	0.159	2.61	14.2
Q934102		42.9	129.5	<0.002	1.72	24.5	11.0	1	7.1	98.0	0.69	0.19	14.9	0.225	2.17	7.6
Q934103		76.5	116.5	<0.002	0.48	13.05	10.2	<1	3.7	115.0	0.59	0.08	12.7	0.218	1.94	5.7
Q934104		245	116.0	<0.002	2.57	21.1	12.2	1	8.5	100.5	0.79	0.31	15.9	0.242	2.46	9.4
Q934105		2.0	1.3	<0.002	0.01	0.13	0.1	<1	<0.2	50.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q934106		87.7	123.5	<0.002	1.16	14.25	11.8	1	4.9	84.9	0.80	0.21	15.1	0.275	2.46	6.2
Q934107		22.9	72.7	<0.002	0.33	23.6	10.4	1	6.3	223	0.60	<0.05	12.3	0.215	1.06	6.1
Q934108		128.0	140.0	<0.002	4.26	14.10	11.4	1	4.0	93.5	0.53	0.32	11.9	0.191	2.46	6.6
Q934109		107.0	155.5	<0.002	4.21	24.2	12.1	1	2.5	75.6	0.69	0.15	13.6	0.225	2.33	5.0
Q934110		101.0	167.5	<0.002	2.98	38.4	11.7	<1	2.5	110.0	0.68	0.14	13.2	0.221	2.40	4.4
Q934111		133.0	162.0	<0.002	3.54	28.6	11.0	<1	2.3	94.0	0.65	0.16	13.6	0.212	2.38	5.5
Q934112		57.3	178.0	<0.002	0.74	11.20	9.5	<1	1.8	139.5	0.58	0.09	12.5	0.187	2.44	3.7
Q934113		78.9	169.5	<0.002	1.47	11.30	9.9	<1	2.9	76.7	0.59	0.15	13.2	0.193	2.48	4.9
Q934114		60.5	132.5	<0.002	0.46	6.05	10.6	<1	2.4	95.9	0.71	0.07	12.5	0.225	2.15	8.2
Q934115		59.7	143.0	<0.002	0.48	5.92	10.7	1	2.4	95.9	0.68	0.05	12.7	0.227	2.06	9.0
Q934116		273	112.5	<0.002	0.62	10.45	10.5	1	2.0	151.5	0.80	<0.05	13.0	0.227	2.00	4.3
Q934117		1370	160.0	<0.002	4.80	66.0	8.6	2	8.2	95.5	0.52	1.15	10.5	0.214	2.45	4.8
Q934118		1450	125.0	<0.002	3.55	59.9	7.6	1	6.8	203	0.77	0.21	10.6	0.269	1.95	8.4
Q934119		39.0	34.5	<0.002	0.09	5.38	5.7	1	1.6	381	0.77	<0.05	10.3	0.274	0.75	5.4
Q934120		522	55.1	<0.002	0.16	7.86	5.4	1	1.8	327	0.72	<0.05	9.7	0.245	0.94	4.5
Q934121		48.7	63.5	<0.002	0.08	17.75	5.0	1	1.3	277	0.65	<0.05	8.9	0.228	1.16	5.5
Q934122		510	160.0	<0.002	2.83	29.7	8.8	1	5.8	110.0	0.51	0.28	11.0	0.212	2.35	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115504

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934087		63	6.5	15.2	658	57.7
Q934088		57	2.2	12.4	147	121.5
Q934089		57	2.3	12.8	188	128.0
Q934090		50	10.9	11.5	351	40.6
Q934091		69	2.2	14.7	255	27.7
Q934092		64	2.1	14.2	535	23.3
Q934093		72	2.6	14.5	98	22.8
Q934094		76	6.7	21.0	50	24.3
Q934095		79	2.8	17.3	61	24.6
Q934096		71	3.7	17.0	138	27.9
Q934097		2	0.1	0.8	14	<0.5
Q934098		67	3.9	12.4	92	23.8
Q934099		47	8.0	11.0	185	21.1
Q934100		71	14.1	10.2	2730	21.2
Q934101		119	26.0	19.1	4050	16.8
Q934102		107	36.6	20.5	467	20.9
Q934103		76	18.6	17.7	635	19.1
Q934104		121	23.1	21.8	353	23.2
Q934105		3	0.1	0.8	19	<0.5
Q934106		77	21.8	15.3	250	25.9
Q934107		82	20.8	18.4	52	20.2
Q934108		77	7.1	17.8	235	16.6
Q934109		74	6.7	10.4	310	15.9
Q934110		61	8.0	11.2	333	17.7
Q934111		57	8.1	10.3	338	17.2
Q934112		61	4.8	9.9	204	20.6
Q934113		56	7.0	10.7	285	18.9
Q934114		64	4.2	14.0	186	23.5
Q934115		64	4.1	14.6	188	21.4
Q934116		67	3.3	13.9	487	25.4
Q934117		66	5.8	10.7	2460	30.4
Q934118		59	6.4	11.2	1650	67.3
Q934119		54	2.9	13.0	118	88.8
Q934120		52	2.5	11.9	429	82.6
Q934121		45	1.9	10.3	178	74.3
Q934122		69	5.6	11.2	914	30.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115504

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
PUL-31	PUL-31d	PUL-QC	SPL-21
SPL-21d	WEI-21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

CERTIFICATE WH14115505

Project: KLAZA

P.O. No.: BATCH 123

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115505

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933053		3.88	0.108	2.10	6.90	443	1190	1.44	0.76	1.97	11.40	51.8	8.7	8	17.50	6.0
Q933054		3.88	0.979	20.7	5.58	1085	960	1.20	1.52	0.41	100.5	36.8	12.3	10	7.58	113.5
Q933055		3.17	<0.005	0.05	0.05	3.7	30	<0.05	0.02	19.70	0.19	1.21	0.6	1	0.12	1.3
Q933056		5.80	0.029	0.65	7.04	20.1	1700	1.51	0.73	2.11	0.95	45.1	8.0	9	12.95	6.2
Q933057		3.71	0.022	0.49	6.96	32.2	2390	1.52	0.43	2.64	0.50	51.9	7.4	8	24.3	4.0
Q933058		9.22	0.008	0.22	6.56	37.8	1820	1.43	0.37	2.95	0.26	53.2	5.8	8	16.45	3.2
Q933059		5.17	0.008	0.21	6.69	29.7	1810	1.35	0.41	2.79	0.16	50.7	6.9	8	16.85	3.4
Q933060		8.52	<0.005	0.06	7.10	36.0	1450	2.43	0.21	2.24	0.13	52.1	5.3	27	35.3	10.6
Q933061		5.05	0.016	1.12	6.71	31.2	2110	1.51	0.45	2.62	0.82	46.0	5.5	8	22.2	5.8
Q933062		6.34	0.007	0.25	6.79	36.3	1410	1.58	0.58	1.95	0.28	45.8	7.8	9	19.75	7.1
Q933063		5.11	0.008	0.25	6.80	60.7	1100	1.51	0.29	2.26	0.37	45.5	6.8	8	19.80	7.5
Q933064		0.99	3.05	8.64	6.57	3070	570	1.55	2.27	0.95	121.0	48.3	7.8	10	18.65	95.6
Q933065		4.28	<0.005	0.09	6.64	31.4	250	1.80	0.15	2.87	0.25	52.1	5.2	26	33.3	12.4
Q933066		0.30	0.365	4.39	6.60	664	920	1.42	3.15	2.00	10.35	52.3	12.6	24	12.70	293
Q933067		6.42	<0.005	0.27	6.80	25.1	2030	1.72	0.17	2.12	0.29	55.6	4.8	26	32.6	13.7
Q933068		6.04	0.013	0.33	7.94	34.4	490	2.00	0.23	2.41	0.71	50.8	5.0	32	29.2	9.7
Q933069		4.23	1.430	10.85	5.31	976	960	1.51	0.40	0.46	39.6	47.3	10.2	7	14.60	23.8
Q933070		4.04	<0.005	0.02	0.08	2.5	40	0.05	0.04	19.75	0.10	1.24	0.7	1	0.45	1.5
Q933071		3.07	0.131	7.19	6.83	180.0	1010	1.44	1.91	1.41	15.50	54.2	18.3	7	12.10	11.6
Q933072		0.29	0.849	13.75	6.33	1430	1140	1.60	12.95	1.83	36.4	59.6	21.0	19	15.90	266
Q933073		6.43	0.005	0.19	6.69	49.9	1820	1.56	0.17	2.18	0.37	41.3	5.4	8	18.15	7.0
Q933074		4.07	0.314	14.30	6.32	482	1190	1.39	1.22	1.82	45.9	45.7	6.5	9	13.55	81.9
Q933075		9.76	0.009	0.29	6.91	39.0	1930	1.60	0.28	2.46	0.51	50.6	7.3	9	10.35	7.9
Q933076		3.32	0.197	5.56	6.44	128.5	840	1.38	8.15	2.58	7.83	31.1	130.5	8	7.46	54.2
Q933077		10.02	0.026	0.70	7.02	9.6	2850	1.61	0.81	2.38	0.24	57.1	7.7	10	9.09	7.4
Q933078		4.15	0.023	2.04	7.12	6.5	1000	1.54	25.3	2.22	0.25	53.3	10.7	10	6.71	2.4
Q933079		8.27	0.006	0.16	7.19	7.8	2550	1.55	0.48	2.43	0.12	50.4	6.2	11	7.59	5.7
Q933080		2.65	0.034	0.82	6.90	12.5	460	1.48	1.92	2.46	0.20	41.8	10.0	10	7.16	2.4
Q933081		2.65	0.025	1.93	7.03	19.8	290	1.59	3.15	3.09	1.60	28.3	14.8	18	7.71	14.1
Q933082		3.66	0.027	3.48	6.82	31.1	970	1.62	4.79	2.50	1.31	53.7	8.8	7	12.45	53.9
Q933083		<0.02	0.025	3.90	6.89	30.5	1020	1.52	4.85	2.54	1.38	53.9	9.0	11	12.30	58.2
Q933084		7.50	0.014	0.65	6.78	81.0	1320	1.63	0.64	3.04	1.18	54.8	7.5	6	18.15	36.8
Q933085		6.42	0.102	3.29	6.67	99.6	1600	1.63	1.14	2.60	9.90	49.5	10.9	7	16.70	42.3
Q933086		6.10	0.022	0.26	6.97	29.8	2080	1.51	0.44	2.86	1.41	57.2	12.3	9	10.10	5.5
Q933087		5.08	0.005	0.19	6.74	10.3	1710	1.79	0.74	2.17	0.21	48.3	18.7	8	18.60	3.7
Q933088		8.85	<0.005	0.09	6.57	8.2	2350	1.65	0.33	2.40	0.14	48.2	8.0	9	23.9	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115505

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933053		3.79	15.00	0.19	1.0	0.065	2.96	25.8	25.1	0.80	1170	2.93	0.03	6.8	2.5	500
Q933054		5.61	13.15	0.10	0.9	0.562	2.70	18.0	14.0	0.31	652	5.39	0.02	5.4	2.8	390
Q933055		0.43	0.28	0.24	<0.1	0.005	0.02	0.5	0.9	12.55	183	0.09	<0.01	0.1	1.1	180
Q933056		3.05	15.70	0.24	1.0	0.047	2.87	21.1	98.0	0.68	595	1.45	0.92	7.1	2.2	560
Q933057		2.88	15.25	0.26	1.1	0.059	2.79	25.2	107.5	0.93	850	2.24	0.08	7.0	2.2	540
Q933058		3.06	15.55	0.24	1.1	0.051	2.61	25.2	58.0	0.92	586	1.21	0.83	7.3	2.5	550
Q933059		3.11	15.45	0.29	1.0	0.043	2.64	24.8	56.3	0.86	549	1.16	0.84	7.1	2.2	550
Q933060		1.99	19.30	0.32	3.2	0.031	2.64	24.4	264	0.86	366	0.50	0.05	8.9	16.4	690
Q933061		3.07	15.40	0.25	1.0	0.040	3.02	21.8	108.0	0.92	728	1.15	0.35	7.5	2.5	570
Q933062		2.84	15.55	0.30	1.0	0.039	2.77	21.8	289	0.69	540	1.23	0.24	7.4	2.3	570
Q933063		2.72	15.75	0.27	1.0	0.040	2.48	21.2	335	0.81	811	1.09	0.07	7.4	2.6	580
Q933064		4.02	16.15	0.16	1.1	1.665	2.96	24.9	25.5	0.50	704	6.58	0.03	6.5	6.0	500
Q933065		2.21	18.95	0.27	3.3	0.022	2.26	24.0	187.0	0.84	632	1.10	0.05	8.8	16.3	670
Q933066		4.89	15.45	0.17	1.0	0.287	2.92	27.3	26.8	0.77	1830	14.15	0.15	6.1	14.3	510
Q933067		1.99	18.30	0.24	3.2	0.027	2.44	26.8	51.6	0.82	510	2.03	0.06	8.5	13.9	650
Q933068		1.71	23.7	0.27	4.2	0.042	3.07	22.4	133.5	0.83	418	2.75	0.05	10.9	13.0	780
Q933069		4.05	13.50	0.18	1.1	0.209	2.26	22.7	34.4	0.36	948	132.0	0.02	5.3	7.3	360
Q933070		0.45	0.34	0.23	<0.1	<0.005	0.03	0.5	1.6	12.55	187	0.33	<0.01	0.2	1.3	180
Q933071		5.00	14.60	0.24	0.9	0.122	3.22	27.5	13.9	0.63	1280	9.78	0.03	6.3	2.4	510
Q933072		6.26	17.95	0.28	1.3	0.882	2.79	29.6	23.2	0.74	1700	11.30	0.12	7.5	14.1	510
Q933073		2.49	15.65	0.31	1.0	0.042	3.14	18.2	195.0	0.60	731	0.63	0.54	7.4	1.9	550
Q933074		4.12	13.70	0.19	0.8	0.325	2.87	22.6	18.3	0.65	2030	3.59	0.03	5.9	2.3	460
Q933075		2.70	15.45	0.29	1.1	0.044	3.14	24.2	16.3	0.69	1060	0.90	1.12	6.9	2.0	530
Q933076		7.30	15.60	0.14	0.9	0.721	3.14	14.6	20.7	0.80	1120	2.53	0.13	5.5	4.5	640
Q933077		2.67	15.75	0.29	1.2	0.046	2.74	27.2	12.2	0.66	515	0.89	1.79	7.3	2.2	520
Q933078		3.02	16.30	0.28	1.2	0.044	3.00	25.5	27.3	0.68	545	0.36	1.68	6.4	2.2	530
Q933079		2.84	16.30	0.28	1.4	0.043	2.65	23.8	11.3	0.74	472	0.50	1.99	7.5	2.0	560
Q933080		3.48	14.95	0.26	1.2	0.045	2.76	18.7	16.1	0.70	559	0.70	1.36	6.4	2.3	520
Q933081		5.35	15.55	0.09	1.9	0.110	3.57	12.2	25.4	0.91	1440	3.90	0.17	5.4	6.1	680
Q933082		3.22	16.20	0.13	1.1	0.090	3.16	27.6	52.7	0.58	1140	0.57	0.46	6.1	2.5	560
Q933083		3.27	16.10	0.17	1.1	0.094	3.10	28.0	51.5	0.59	1090	0.63	0.46	6.1	2.5	570
Q933084		2.84	15.40	0.18	1.0	0.066	3.27	29.1	60.5	0.82	1150	0.52	0.09	6.7	2.3	550
Q933085		3.38	15.45	0.15	1.0	0.139	3.06	25.5	66.7	0.77	2070	0.70	0.29	6.8	2.4	550
Q933086		2.64	15.90	0.17	1.1	0.052	2.54	30.5	13.1	0.63	490	0.62	1.73	7.1	2.3	570
Q933087		2.72	15.70	0.12	0.9	0.045	2.43	24.6	295	0.61	501	0.77	0.34	6.6	2.5	560
Q933088		2.76	15.70	0.17	1.0	0.044	2.51	22.3	210	0.56	523	0.59	0.93	7.1	2.3	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115505

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933053		600	171.5	<0.002	2.06	10.40	10.9	2	2.5	130.0	0.55	0.25	12.3	0.217	2.45	4.4
Q933054		3390	168.0	<0.002	6.05	47.1	8.2	1	5.5	30.6	0.46	0.27	9.6	0.170	2.32	5.6
Q933055		7.2	1.1	<0.002	0.02	0.17	0.1	<1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
Q933056		49.3	116.0	<0.002	1.38	6.72	9.9	1	2.1	248	0.59	0.80	12.3	0.230	1.64	3.6
Q933057		42.6	112.5	<0.002	0.93	12.65	9.9	1	2.0	265	0.60	0.20	11.1	0.226	1.84	4.8
Q933058		20.8	90.9	<0.002	0.61	5.89	10.0	<1	2.0	282	0.58	0.16	10.8	0.234	1.33	3.8
Q933059		16.5	95.6	<0.002	0.64	5.51	9.7	1	1.9	283	0.59	0.15	10.8	0.231	1.38	3.6
Q933060		20.7	111.0	<0.002	0.07	8.40	6.1	1	1.7	712	0.69	<0.05	9.5	0.269	1.83	3.9
Q933061		280	113.0	<0.002	0.52	10.10	10.5	1	2.0	249	0.57	0.23	10.7	0.247	1.91	3.2
Q933062		26.1	113.0	<0.002	0.91	15.00	10.3	1	1.8	232	0.58	0.31	11.6	0.234	1.75	3.4
Q933063		41.3	83.6	<0.002	0.22	17.40	10.1	1	1.8	234	0.61	<0.05	11.2	0.243	1.50	3.2
Q933064		1875	169.0	<0.002	3.22	25.2	8.9	1	7.4	118.0	0.50	0.36	11.3	0.204	2.46	4.1
Q933065		14.0	78.5	<0.002	0.06	12.85	5.9	1	1.6	382	0.66	<0.05	8.9	0.256	1.40	3.7
Q933066		470	161.5	0.003	2.64	25.3	9.5	1	5.7	104.5	0.50	0.36	11.2	0.203	2.33	4.8
Q933067		19.6	92.8	<0.002	0.10	18.80	5.9	<1	1.8	292	0.66	<0.05	9.5	0.245	1.57	6.2
Q933068		32.9	89.1	<0.002	0.17	18.70	6.8	1	1.9	431	0.83	<0.05	9.8	0.330	2.41	11.0
Q933069		4370	125.5	0.011	2.69	145.5	7.2	<1	8.3	113.0	0.44	0.10	8.6	0.170	2.71	47.3
Q933070		5.9	1.8	<0.002	0.01	0.30	0.1	1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q933071		939	191.5	<0.002	4.40	17.45	9.4	1	5.3	66.4	0.51	2.24	12.1	0.210	2.79	7.7
Q933072		1250	189.0	<0.002	4.45	70.8	11.2	2	9.7	103.0	0.62	1.50	13.6	0.202	2.87	5.9
Q933073		19.9	115.5	<0.002	0.22	12.95	9.3	1	1.8	238	0.59	<0.05	10.9	0.245	1.87	3.2
Q933074		1905	167.5	<0.002	3.56	39.9	8.8	1	3.6	105.5	0.44	0.05	10.8	0.194	2.46	4.3
Q933075		37.2	139.5	<0.002	0.67	4.28	9.7	1	1.9	251	0.57	0.05	11.6	0.226	1.89	3.8
Q933076		153.0	191.0	0.003	6.83	5.77	10.0	1	6.3	86.0	0.48	3.72	9.6	0.187	2.25	4.3
Q933077		21.7	114.5	<0.002	0.87	1.86	10.0	1	1.8	376	0.64	0.41	14.7	0.219	1.29	4.4
Q933078		32.1	132.5	<0.002	1.79	1.29	10.0	1	2.1	254	0.58	16.40	13.7	0.199	1.50	4.4
Q933079		16.1	109.5	<0.002	0.90	1.44	10.3	1	1.8	828	0.68	0.11	13.0	0.227	1.34	4.2
Q933080		19.9	119.0	<0.002	2.42	1.68	9.5	1	1.7	459	0.61	0.48	10.4	0.203	1.52	4.1
Q933081		39.8	202	0.002	3.77	6.38	10.0	1	1.8	113.5	0.41	0.55	9.8	0.248	2.52	3.7
Q933082		107.0	167.0	<0.002	1.94	8.25	10.5	1	2.0	162.0	0.51	0.24	13.5	0.212	2.30	4.4
Q933083		112.0	168.0	<0.002	1.98	8.41	10.6	1	2.0	162.5	0.53	0.31	13.1	0.213	2.29	4.4
Q933084		32.6	171.0	<0.002	1.30	16.30	10.7	1	1.7	143.5	0.53	0.19	12.3	0.227	2.58	4.4
Q933085		458	163.5	<0.002	1.39	17.95	10.9	1	2.4	155.0	0.51	0.12	11.9	0.239	2.41	4.6
Q933086		21.4	129.5	<0.002	1.09	2.54	10.6	1	2.1	283	0.60	0.11	13.5	0.245	1.23	4.4
Q933087		13.7	116.0	<0.002	1.18	17.15	10.4	1	2.1	171.5	0.54	0.25	12.4	0.228	1.57	4.9
Q933088		16.0	112.0	<0.002	0.51	14.05	10.9	<1	1.9	248	0.56	0.08	12.9	0.244	1.31	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115505

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933053		63	4.1	11.1	815	24.1
Q933054		50	4.7	7.5	7420	22.5
Q933055		2	0.1	0.7	30	<0.5
Q933056		66	1.4	12.1	95	26.4
Q933057		64	2.9	13.2	75	27.8
Q933058		67	1.9	13.8	51	28.0
Q933059		66	1.8	13.8	42	25.5
Q933060		53	1.6	11.1	70	113.0
Q933061		70	2.8	13.2	87	24.3
Q933062		66	2.5	12.4	51	27.5
Q933063		67	2.2	13.2	64	26.4
Q933064		57	5.5	10.1	7370	33.4
Q933065		48	1.7	11.2	69	121.0
Q933066		65	5.3	11.0	850	30.6
Q933067		50	2.4	11.2	62	118.0
Q933068		61	2.6	11.7	104	155.5
Q933069		52	4.5	8.1	2330	32.9
Q933070		2	0.1	0.7	18	0.5
Q933071		60	5.5	9.8	1030	24.1
Q933072		60	6.8	13.0	2230	34.8
Q933073		65	2.0	11.4	54	27.4
Q933074		55	4.4	10.0	4090	21.9
Q933075		62	1.3	13.4	68	28.8
Q933076		65	4.6	9.7	731	23.3
Q933077		60	1.0	14.7	48	30.8
Q933078		62	1.2	11.8	52	32.0
Q933079		65	1.0	13.9	44	35.7
Q933080		61	1.6	10.7	55	30.1
Q933081		74	2.0	12.7	174	64.2
Q933082		62	1.9	13.4	123	27.7
Q933083		63	1.9	13.4	126	27.7
Q933084		64	1.8	14.0	99	26.6
Q933085		64	3.3	13.8	879	25.2
Q933086		65	1.3	16.0	129	28.4
Q933087		62	2.3	13.6	40	23.7
Q933088		64	2.8	15.1	40	27.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115505

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

CERTIFICATE WH14115506

Project: KLAZA

P.O. No.: BATCH 124

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

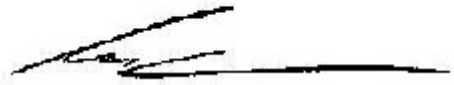
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115506

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934123		5.36	0.011	0.42	7.13	35.8	1690	1.36	0.34	3.22	1.90	70.8	5.0	11	17.20	9.3
Q934124		1.32	0.016	0.27	7.37	32.8	1920	1.32	0.32	2.78	1.61	66.7	4.7	11	18.20	4.1
Q934125		5.91	0.017	0.47	7.22	34.8	2220	1.37	0.39	3.04	1.92	67.3	4.6	11	22.1	11.6
Q934126		5.67	0.010	0.79	7.05	69.4	1880	1.45	0.43	2.48	2.58	43.1	13.2	9	13.35	51.4
Q934127		5.45	0.005	0.59	6.91	8.8	2200	1.44	0.40	2.84	2.23	44.3	8.2	9	9.52	22.3
Q934128		3.15	<0.005	0.27	7.36	19.6	1960	1.38	0.87	2.77	0.31	45.3	9.2	8	22.0	25.9
Q934129		5.49	<0.005	0.11	6.94	11.2	2130	1.46	0.58	2.82	0.11	43.9	8.9	10	14.05	17.5
Q934130		2.37	<0.005	0.12	7.38	11.7	2510	1.40	0.91	2.59	0.11	44.8	10.2	10	6.64	30.3
Q934131		<0.02	<0.005	0.13	7.84	12.3	2660	1.47	1.04	2.74	0.12	49.9	10.7	10	6.98	32.4
Q934132		0.75	0.819	3.06	5.35	89.0	930	1.22	1.66	5.59	15.60	39.3	37.9	5	12.70	28.2
Q934133		2.13	0.006	0.27	6.72	23.4	2300	1.32	0.50	2.74	0.79	49.7	9.4	7	8.79	5.1
Q934134		2.77	<0.005	0.25	7.53	7.7	2270	1.79	0.11	2.82	0.34	51.3	7.4	9	10.25	21.9
Q934135		5.07	<0.005	0.27	8.01	4.6	2260	1.86	0.08	2.76	0.62	52.0	7.9	10	8.99	8.9
Q934136		0.73	0.430	5.98	6.71	1535	1570	1.47	0.11	2.46	3.18	45.6	7.2	5	22.0	22.4
Q934137		5.51	<0.005	0.08	7.37	5.5	2340	1.70	0.10	2.52	0.09	49.1	7.3	11	10.50	10.9
Q934138		7.15	0.010	1.11	7.18	28.0	1590	1.72	0.53	2.70	1.50	66.0	5.2	11	25.6	16.8
Q934139		7.43	0.014	1.36	7.07	62.1	2120	1.89	0.55	2.42	0.70	64.1	5.8	14	21.2	14.2
Q934140		2.68	0.008	0.74	6.80	51.6	1660	1.90	0.30	2.41	0.48	63.0	5.7	13	20.9	8.5
Q934141		5.88	0.010	0.71	6.73	58.8	1270	2.01	0.15	2.76	0.33	54.9	6.2	15	21.9	12.0
Q934142		5.09	<0.005	0.10	7.39	5.2	2670	1.80	0.19	2.80	0.11	46.7	7.1	8	16.30	5.8
Q934143		0.29	0.370	4.77	6.69	717	390	1.43	3.48	1.99	10.30	45.7	11.9	22	13.80	307
Q934144		5.81	<0.005	0.25	7.15	5.9	2190	1.69	0.41	2.85	0.85	48.1	7.4	9	11.50	6.9
Q934145		0.90	<0.005	0.12	6.11	6.7	1410	1.72	0.31	1.42	0.22	44.9	2.1	7	9.89	7.6
Q934146		4.50	<0.005	0.11	7.32	4.2	2290	1.62	0.14	2.69	0.23	46.3	7.1	9	14.10	5.1
Q934147		3.93	<0.005	0.01	0.05	<0.2	20	0.05	0.02	20.4	0.05	1.02	0.6	1	0.13	1.1
Q934148		6.82	<0.005	0.09	8.01	3.5	2410	1.66	0.12	2.95	0.11	46.9	8.0	10	8.27	5.7
Q934149		1.47	<0.005	0.08	7.78	4.0	2380	1.59	0.06	2.50	0.08	49.3	7.3	9	16.90	6.6
Q934150		1.05	0.014	2.19	6.56	58.8	1220	1.54	0.14	3.01	6.91	47.1	7.6	6	21.9	26.7
Q934151		2.50	0.014	0.42	7.29	225	1830	1.50	0.14	2.40	0.51	44.7	7.2	9	23.2	13.2
Q934152		2.00	0.029	3.72	7.00	124.0	1880	1.52	0.84	2.49	8.19	48.1	6.6	7	14.50	147.0
Q934153		5.57	<0.005	0.01	0.05	<0.2	20	0.05	0.02	20.5	0.06	0.96	0.6	<1	0.14	1.9
Q934154		2.89	<0.005	0.05	7.44	3.0	2260	1.49	0.04	2.63	0.07	53.8	7.3	11	7.56	6.2
Q934155		6.54	<0.005	0.16	7.35	11.4	2020	1.60	0.08	2.46	0.65	49.2	6.9	9	15.60	7.2
Q934156		7.30	<0.005	0.12	7.91	10.0	2790	1.53	0.13	2.66	0.12	55.4	7.2	9	13.55	13.1
Q934157		0.29	0.895	11.55	6.59	1570	100	1.42	13.10	1.86	32.3	42.9	18.8	16	14.35	295
Q934158		0.95	0.028	1.22	7.80	170.5	890	1.58	1.14	1.44	2.21	51.3	8.7	8	17.15	12.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115506

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934123		2.57	16.35	0.18	2.2	0.052	1.70	38.9	750	1.09	858	2.43	0.04	10.2	3.2	870
Q934124		2.73	16.85	0.16	2.3	0.064	1.75	34.9	820	1.01	821	1.98	0.04	10.7	2.9	900
Q934125		2.68	15.85	0.16	2.2	0.051	2.12	35.8	351	1.14	871	1.40	0.05	10.3	2.7	890
Q934126		3.10	15.40	0.17	0.9	0.088	2.70	21.2	19.0	0.71	924	0.69	1.53	7.5	3.0	610
Q934127		3.02	15.15	0.17	0.9	0.053	2.54	22.5	13.2	0.79	820	0.59	2.06	7.3	2.7	590
Q934128		3.18	16.05	0.18	1.0	0.074	2.71	22.6	31.6	0.79	989	1.71	0.98	8.1	2.9	630
Q934129		3.03	16.05	0.18	0.9	0.063	2.58	21.6	11.7	0.68	676	0.68	1.89	7.9	3.0	620
Q934130		3.00	15.75	0.17	1.0	0.051	2.56	22.5	13.8	0.83	608	0.76	2.26	7.6	2.8	630
Q934131		3.18	16.40	0.20	1.0	0.057	2.72	25.6	14.6	0.88	648	0.86	2.39	8.0	2.9	680
Q934132		4.88	11.10	0.13	0.8	0.124	2.20	21.8	17.0	1.62	2670	1.37	0.04	5.0	2.8	410
Q934133		3.23	15.85	0.17	1.0	0.127	2.98	26.3	12.2	0.73	1450	0.72	0.36	7.5	2.6	580
Q934134		2.92	16.00	0.13	1.2	0.054	2.80	26.4	13.2	0.81	823	0.94	2.07	8.2	3.1	590
Q934135		3.06	16.70	0.12	1.3	0.046	2.71	26.9	14.0	0.84	707	0.81	2.39	8.8	3.0	620
Q934136		3.83	14.50	0.10	1.1	0.227	3.17	23.0	19.0	0.72	6850	0.79	0.42	7.6	2.6	570
Q934137		2.97	15.70	0.11	1.2	0.054	2.54	24.9	12.6	0.79	716	1.14	2.14	8.8	2.5	610
Q934138		2.42	17.10	0.14	2.5	0.041	2.45	33.7	41.6	0.93	1240	1.95	0.08	11.6	2.7	860
Q934139		2.41	17.65	0.13	2.9	0.033	2.11	32.2	98.2	0.91	998	1.80	0.06	11.4	4.3	960
Q934140		2.27	17.15	0.12	2.9	0.030	2.11	32.0	87.1	0.90	932	1.51	0.06	11.0	3.8	910
Q934141		2.31	16.85	0.12	3.2	0.028	2.59	28.0	42.8	0.99	787	1.33	0.04	10.0	5.6	950
Q934142		2.96	15.70	0.10	1.3	0.039	2.64	22.7	15.1	0.70	710	0.62	2.03	8.9	2.6	610
Q934143		4.93	14.90	0.09	1.1	0.286	2.87	25.3	24.7	0.77	1860	14.95	0.15	6.1	13.7	510
Q934144		2.85	15.75	0.10	1.2	0.037	2.49	23.1	12.4	0.77	801	0.72	2.13	8.6	2.6	590
Q934145		1.11	12.05	0.10	2.1	0.020	3.62	25.0	9.7	0.28	382	1.94	1.59	8.8	1.1	150
Q934146		2.80	15.30	0.10	1.0	0.036	2.69	23.2	11.8	0.73	1030	0.51	2.02	7.5	2.7	580
Q934147		0.44	0.18	0.11	<0.1	0.005	0.02	0.5	0.9	12.85	194	<0.05	0.01	0.1	1.5	200
Q934148		3.09	17.10	0.13	1.1	0.038	2.64	23.3	18.9	0.91	837	0.54	2.46	8.7	3.0	660
Q934149		2.87	16.45	0.11	1.2	0.031	2.82	24.4	10.9	0.65	609	8.01	2.26	8.6	2.7	630
Q934150		3.50	13.95	0.09	1.0	0.086	2.89	25.2	12.5	1.01	3540	3.32	0.28	6.8	2.6	540
Q934151		2.88	15.95	0.10	1.2	0.043	3.07	21.7	17.1	0.70	908	10.20	1.08	8.4	2.8	620
Q934152		3.72	15.10	0.09	1.0	0.156	3.23	24.8	12.3	0.84	1880	4.99	0.76	7.5	2.2	570
Q934153		0.47	0.17	0.11	<0.1	0.005	0.02	0.5	0.8	13.10	214	0.06	0.01	0.1	1.6	180
Q934154		2.91	15.80	0.14	1.1	0.035	2.64	26.9	9.8	0.88	721	5.47	2.24	8.2	2.8	610
Q934155		2.92	16.25	0.11	1.2	0.052	2.77	24.7	11.8	0.77	815	3.16	1.75	8.5	2.8	590
Q934156		3.11	16.50	0.12	1.3	0.052	2.79	28.6	15.8	0.86	708	1.64	1.62	8.4	2.8	650
Q934157		6.38	15.20	0.08	1.1	0.765	2.83	21.5	18.4	0.77	1870	8.79	0.13	6.5	11.7	540
Q934158		4.28	16.20	0.10	1.2	0.139	3.42	27.9	11.2	0.64	2720	1.57	0.05	7.9	3.1	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115506

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934123		49.1	70.0	<0.002	0.11	7.66	5.9	<1	1.5	267	0.67	<0.05	10.4	0.236	1.52	6.3
Q934124		31.2	54.8	<0.002	0.12	4.82	5.9	1	1.4	251	0.70	<0.05	9.8	0.255	1.58	4.4
Q934125		62.7	70.1	<0.002	0.11	8.45	5.6	1	1.5	326	0.68	<0.05	9.7	0.250	1.52	5.7
Q934126		189.0	109.5	<0.002	0.42	4.15	10.2	1	2.3	296	0.58	0.06	10.8	0.255	1.47	4.1
Q934127		134.0	99.3	<0.002	0.12	1.36	10.0	1	1.8	370	0.55	0.05	11.0	0.258	1.14	3.8
Q934128		19.4	107.5	<0.002	0.18	4.39	10.5	1	1.9	231	0.68	0.06	12.2	0.265	1.41	4.6
Q934129		15.6	100.0	<0.002	0.13	1.53	11.1	1	1.9	346	0.59	<0.05	11.2	0.251	1.19	3.6
Q934130		13.2	96.6	<0.002	0.12	1.11	10.4	1	1.7	428	0.57	0.06	11.1	0.265	1.07	3.9
Q934131		13.9	101.5	<0.002	0.13	1.19	11.1	1	1.8	455	0.59	<0.05	12.2	0.281	1.14	4.0
Q934132		112.0	131.0	<0.002	2.84	10.55	7.1	1	2.7	179.0	0.42	0.83	9.3	0.172	1.69	6.8
Q934133		30.2	127.0	<0.002	0.51	17.30	10.1	<1	1.6	115.5	0.61	0.05	13.3	0.240	1.91	4.7
Q934134		29.3	117.0	<0.002	0.05	4.20	11.0	1	1.6	358	0.70	<0.05	14.5	0.250	1.13	4.9
Q934135		42.6	114.0	<0.002	0.02	2.18	11.5	1	1.6	410	0.79	<0.05	15.4	0.266	1.03	4.5
Q934136		741	151.0	<0.002	1.34	20.4	11.0	1	2.0	136.0	0.61	<0.05	11.6	0.234	2.13	6.2
Q934137		16.5	107.0	<0.002	0.03	1.35	11.5	1	1.5	429	0.73	<0.05	14.8	0.252	1.01	3.8
Q934138		180.5	90.6	<0.002	0.10	8.01	5.9	1	1.4	315	0.74	<0.05	10.4	0.242	1.59	5.6
Q934139		71.3	95.8	<0.002	0.30	10.50	6.5	1	1.5	296	0.74	<0.05	10.4	0.265	2.14	6.2
Q934140		50.7	100.5	<0.002	0.23	8.36	6.4	1	1.5	269	0.71	<0.05	10.4	0.255	2.18	6.6
Q934141		41.1	145.5	<0.002	0.29	8.86	6.7	1	1.5	295	0.66	<0.05	9.1	0.266	3.01	4.7
Q934142		19.8	106.0	<0.002	0.03	2.43	12.1	1	1.5	364	0.76	<0.05	15.2	0.259	1.04	5.9
Q934143		475	155.5	0.004	2.65	28.7	9.0	1	5.4	107.0	0.50	0.27	11.4	0.202	2.38	5.2
Q934144		36.1	103.5	<0.002	0.06	1.63	11.9	1	1.5	381	0.73	<0.05	14.1	0.249	1.02	5.5
Q934145		21.8	150.5	0.002	0.07	2.01	2.6	1	0.9	129.5	1.24	<0.05	25.7	0.072	1.29	12.1
Q934146		21.2	106.0	<0.002	0.03	1.41	10.4	1	1.4	359	0.62	<0.05	13.0	0.244	1.09	4.2
Q934147		1.3	0.9	<0.002	<0.01	<0.05	0.1	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q934148		17.8	106.0	<0.002	0.02	0.88	11.6	1	1.6	431	0.71	<0.05	13.2	0.271	0.98	4.9
Q934149		15.7	113.0	0.002	0.01	1.91	11.8	1	1.5	384	0.67	<0.05	15.6	0.266	1.16	3.5
Q934150		191.0	151.5	<0.002	0.53	6.98	9.3	1	2.1	112.0	0.54	<0.05	12.8	0.219	2.29	5.4
Q934151		42.5	127.0	0.002	0.28	6.92	11.7	1	1.6	220	0.63	<0.05	13.5	0.255	1.99	4.0
Q934152		221	152.5	<0.002	0.99	18.25	10.0	1	2.1	193.0	0.61	0.05	13.6	0.225	1.99	5.3
Q934153		1.7	1.0	<0.002	<0.01	0.07	0.1	1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q934154		15.2	104.0	<0.002	0.01	1.06	11.8	1	1.4	382	0.66	<0.05	15.4	0.254	1.07	4.2
Q934155		32.7	120.0	<0.002	0.06	2.48	11.5	1	1.5	318	0.66	<0.05	14.4	0.251	1.37	4.8
Q934156		15.4	115.5	<0.002	0.09	2.58	11.1	1	1.6	329	0.69	<0.05	14.9	0.269	1.30	4.1
Q934157		1300	160.0	<0.002	4.67	65.4	9.4	2	8.0	96.7	0.53	1.25	11.2	0.211	2.53	5.4
Q934158		189.5	188.0	<0.002	1.75	7.06	10.5	1	3.3	56.8	0.65	0.22	14.6	0.244	2.77	6.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115506

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934123		48	2.8	12.3	151	78.3
Q934124		51	2.7	11.3	153	79.0
Q934125		49	2.2	12.1	168	76.3
Q934126		72	1.1	13.3	241	21.8
Q934127		71	0.7	14.9	168	22.8
Q934128		73	1.7	16.3	57	23.9
Q934129		75	1.0	15.9	40	22.4
Q934130		72	0.6	15.8	36	23.1
Q934131		77	0.7	16.8	38	23.0
Q934132		52	8.8	12.7	1230	16.1
Q934133		68	3.2	12.7	90	23.7
Q934134		71	1.8	19.2	73	27.8
Q934135		73	1.3	20.0	94	30.1
Q934136		67	3.4	17.0	355	25.7
Q934137		68	1.9	19.5	68	28.7
Q934138		49	1.6	13.4	155	88.4
Q934139		54	2.8	14.0	116	110.5
Q934140		52	2.9	14.2	92	108.0
Q934141		58	3.7	13.1	74	131.5
Q934142		73	1.1	18.6	54	30.5
Q934143		64	5.3	12.3	857	31.5
Q934144		68	1.4	19.1	108	28.2
Q934145		12	1.0	11.8	29	53.4
Q934146		68	0.9	17.0	65	24.8
Q934147		2	0.1	0.8	14	<0.5
Q934148		75	0.5	19.6	59	31.1
Q934149		72	6.5	17.7	51	33.4
Q934150		61	5.7	16.3	632	25.9
Q934151		72	9.3	16.5	83	29.7
Q934152		65	3.2	15.4	704	25.0
Q934153		2	0.1	0.7	15	<0.5
Q934154		71	4.0	19.6	52	27.5
Q934155		70	3.7	17.8	114	29.3
Q934156		74	2.5	18.8	65	32.5
Q934157		63	6.0	12.3	2390	31.2
Q934158		70	3.4	13.1	257	30.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115506

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

CERTIFICATE WH14115507

Project: KLAZA

P.O. No.: BATCH 125

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

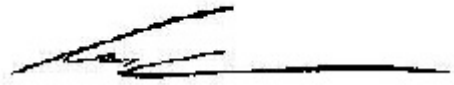
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115507

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933089		6.09	<0.005	0.10	7.16	10.2	2300	1.68	0.35	2.61	0.16	47.3	7.7	10	11.00	19.5
Q933090		12.36	<0.005	0.09	7.66	10.5	2540	1.57	0.36	2.55	0.15	50.0	7.5	11	10.50	7.8
Q933091		3.65	0.020	1.17	7.52	19.3	2480	1.44	0.52	1.55	6.47	55.6	9.4	8	17.95	4.3
Q933092		4.91	0.041	1.83	7.44	58.6	1320	1.60	0.22	0.84	13.85	55.7	8.0	6	24.8	10.8
Q933093		1.95	0.041	4.54	7.84	1000	3700	2.12	0.23	1.02	23.4	63.0	6.0	6	25.5	10.5
Q933094		5.56	<0.005	0.02	0.17	0.6	30	0.07	0.03	20.8	0.11	1.25	1.0	4	1.56	2.1
Q933095		8.01	<0.005	0.31	7.25	15.6	2210	1.58	0.20	2.38	1.27	44.8	6.0	8	16.50	3.9
Q933096		7.66	0.025	0.44	7.89	28.9	1990	1.69	0.50	2.13	0.93	54.7	10.3	7	15.20	4.4
Q933097		0.30	0.380	4.44	6.63	710	370	1.51	3.09	2.03	10.90	50.1	12.3	23	13.35	301
Q933098		5.26	0.050	0.99	5.93	51.2	2190	1.78	0.40	2.33	1.43	75.2	10.2	6	16.75	3.2
Q933099		7.08	<0.005	0.25	7.52	19.7	2070	1.74	0.15	1.80	0.92	59.8	8.3	7	17.85	3.5
Q933100		6.76	0.041	6.66	7.36	132.5	1600	1.56	2.77	2.09	5.36	60.8	5.6	7	18.70	277
Q933101		0.29	1.675	39.7	5.85	2610	460	1.25	32.9	1.70	46.1	38.0	16.9	21	10.10	1170
Q933102		2.40	0.261	51.8	6.66	477	600	1.42	3.27	1.13	164.5	46.8	13.3	6	15.00	120.5
Q933103		4.03	0.077	11.90	7.27	302	1370	1.69	0.90	1.67	70.8	54.7	8.4	7	22.2	54.9
Q933104		4.01	0.012	3.84	7.09	235	1870	1.73	0.18	2.50	13.10	49.2	8.4	7	17.15	9.3
Q933105		2.10	0.015	3.09	6.93	41.5	2080	1.55	0.57	2.32	11.55	42.3	11.1	7	16.80	8.1
Q933106		1.77	0.022	2.00	6.94	39.0	1330	1.69	1.11	2.46	4.84	52.3	13.9	7	24.6	7.0
Q933107		4.49	0.018	0.31	7.45	12.9	2810	1.68	1.51	2.25	0.31	54.1	14.4	10	12.10	2.2
Q933108		5.36	0.070	7.00	6.81	51.9	2120	1.70	4.61	2.86	11.55	51.4	34.7	7	19.00	8.1
Q933109		<0.02	0.069	7.04	6.75	50.4	2070	1.68	4.55	2.84	10.85	51.1	34.3	7	18.95	7.3
Q933110		2.77	0.025	4.11	6.87	39.1	1680	1.61	3.20	2.64	0.52	40.9	21.6	7	14.55	1.7
Q933111		4.32	<0.005	0.11	7.62	9.5	2350	1.68	0.16	2.57	0.19	53.9	5.1	10	14.30	2.3
Q933112		7.02	0.018	1.89	6.87	29.7	2420	1.59	1.53	2.46	1.58	44.8	12.2	8	12.95	4.0
Q933113		2.87	0.098	9.40	6.42	32.9	320	1.26	7.32	2.34	3.40	29.1	45.8	7	6.39	3.1
Q933114		5.53	<0.005	0.02	0.05	0.3	30	0.05	0.03	20.1	0.07	1.04	0.6	<1	0.12	1.7
Q933115		6.42	0.013	0.20	6.96	17.0	2310	1.54	0.22	2.47	1.03	40.9	4.6	10	16.75	4.3
Q933116		2.28	0.032	2.53	7.05	37.4	2400	1.40	1.39	2.08	3.98	53.4	16.0	7	11.20	5.9
Q933117		1.58	0.025	1.75	6.99	30.8	2320	1.39	1.31	2.13	1.67	48.7	15.4	7	12.25	4.7
Q933118		8.01	0.012	0.41	7.16	14.5	2540	1.49	0.85	2.26	1.65	46.5	11.0	12	9.82	3.5
Q933119		8.32	0.039	2.80	6.45	30.9	2380	1.30	2.36	2.42	2.16	43.1	20.8	10	9.14	2.4
Q933120		9.86	0.010	1.02	7.02	12.7	2350	1.57	0.90	2.35	1.70	55.8	12.5	9	11.45	4.2
Q933121		4.35	0.015	0.55	7.15	14.3	2560	1.57	0.73	2.64	1.20	48.9	13.3	7	9.86	1.9
Q933122		3.85	0.134	5.33	7.46	77.4	1430	1.64	1.52	2.51	10.25	49.8	20.9	7	16.25	10.2
Q933123		4.26	0.176	9.30	7.03	178.0	180	1.42	5.04	4.19	24.0	61.0	42.8	4	15.85	22.8
Q933124		10.10	<0.005	0.11	7.60	10.5	2170	1.48	0.14	2.51	0.20	59.8	6.6	9	14.40	7.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115507

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933089		2.65	16.15	0.16	1.2	0.048	2.47	24.8	13.0	0.70	526	0.48	2.08	7.7	2.7	570
Q933090		2.88	16.30	0.16	1.1	0.049	2.75	26.2	15.2	0.81	573	1.20	2.51	7.9	2.5	600
Q933091		3.06	16.15	0.16	1.1	0.053	3.15	30.8	25.7	0.41	994	1.55	1.39	7.9	2.4	600
Q933092		3.37	16.25	0.18	1.2	0.073	3.04	32.0	34.3	0.20	2320	1.70	0.17	8.1	2.8	620
Q933093		3.92	17.10	0.17	1.3	0.145	3.27	34.4	28.5	0.30	3220	2.56	0.29	8.1	2.7	620
Q933094		0.52	0.48	0.09	<0.1	<0.005	0.11	0.6	2.9	12.80	223	0.09	0.01	0.2	2.7	190
Q933095		2.83	16.25	0.18	1.2	0.047	2.88	22.8	9.1	0.61	794	1.69	1.97	7.9	2.4	580
Q933096		3.44	17.05	0.17	1.3	0.069	3.20	30.6	21.5	0.54	865	2.62	1.02	8.6	3.1	600
Q933097		4.90	15.40	0.16	1.1	0.294	2.87	28.3	25.4	0.77	1820	14.55	0.15	6.2	14.4	530
Q933098		3.43	14.20	0.16	1.1	0.058	2.95	41.1	19.7	0.26	1300	3.80	0.05	6.5	2.6	460
Q933099		2.96	17.60	0.18	1.4	0.055	3.33	31.4	45.8	0.56	974	1.30	0.33	8.9	2.5	690
Q933100		3.74	15.90	0.15	1.2	0.101	3.47	34.4	17.5	0.70	2860	1.56	0.40	7.6	5.3	550
Q933101		9.09	14.10	0.14	0.9	1.560	2.58	19.7	16.6	0.70	2330	17.30	0.06	4.8	14.8	460
Q933102		5.24	14.85	0.13	1.1	0.270	3.14	26.7	10.2	0.71	3580	1.18	0.03	6.5	2.1	490
Q933103		3.74	15.95	0.16	1.3	0.107	3.49	31.1	27.8	0.57	2630	1.21	0.33	7.5	2.4	550
Q933104		3.92	16.25	0.15	1.3	0.063	2.88	24.1	10.5	0.90	1440	1.41	1.85	8.5	2.7	690
Q933105		3.55	16.00	0.14	1.2	0.088	3.37	21.0	13.0	0.70	1480	1.09	1.17	7.6	2.2	540
Q933106		3.43	15.95	0.15	1.3	0.042	3.54	27.5	21.6	0.83	2010	1.34	0.40	8.0	2.5	550
Q933107		2.79	16.30	0.16	1.2	0.053	3.13	29.2	11.5	0.71	534	1.07	2.28	8.1	2.4	570
Q933108		3.61	15.65	0.16	1.1	0.074	3.54	28.1	18.3	0.83	1860	2.38	0.27	7.5	2.4	540
Q933109		3.59	15.40	0.16	1.1	0.074	3.43	28.6	17.9	0.83	1860	2.74	0.26	7.6	2.6	540
Q933110		3.01	15.85	0.18	1.3	0.072	3.44	21.7	18.0	0.76	1300	1.66	0.79	8.3	2.2	570
Q933111		2.70	16.35	0.17	1.1	0.048	2.99	29.9	7.3	0.73	676	1.19	2.28	7.9	2.3	570
Q933112		2.69	15.65	0.16	1.2	0.064	3.12	22.7	23.5	0.57	899	3.11	1.59	7.7	2.3	560
Q933113		4.39	17.70	0.14	1.0	0.108	2.35	16.4	24.1	1.14	1660	2.92	0.17	6.3	2.8	540
Q933114		0.45	0.18	0.11	<0.1	<0.005	0.02	0.5	1.0	12.35	195	0.06	0.01	0.1	1.5	200
Q933115		2.72	16.20	0.17	1.2	0.041	3.04	19.8	15.0	0.61	721	0.94	2.02	8.0	2.4	570
Q933116		3.17	15.55	0.17	1.1	0.059	3.14	28.8	12.8	0.68	1060	1.32	1.62	7.6	2.1	560
Q933117		2.89	15.30	0.14	1.2	0.047	2.95	26.3	12.6	0.68	896	1.05	1.85	7.4	1.9	590
Q933118		2.81	16.00	0.13	1.2	0.052	2.93	24.8	10.0	0.68	609	0.93	2.16	7.8	2.5	570
Q933119		3.01	14.30	0.16	1.1	0.058	2.72	21.9	22.1	0.69	1080	0.64	1.71	6.9	2.3	530
Q933120		3.15	16.05	0.16	1.1	0.053	2.98	29.1	13.0	0.70	896	0.91	1.91	7.7	2.5	560
Q933121		2.96	16.05	0.16	1.3	0.043	2.61	25.7	12.9	0.64	655	1.46	2.17	8.0	2.4	600
Q933122		3.57	17.55	0.16	1.4	0.127	3.92	25.5	14.3	0.69	2320	1.32	0.27	8.5	2.5	630
Q933123		5.47	16.95	0.16	1.1	0.202	3.26	34.3	15.8	1.37	2850	2.83	0.09	7.0	9.4	530
Q933124		2.93	16.50	0.17	1.2	0.044	2.72	31.9	14.6	0.83	648	8.01	2.33	8.3	3.0	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115507

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933089		15.8	114.0	<0.002	0.56	2.62	10.8	1	1.8	345	0.64	0.14	13.9	0.249	1.27	4.5
Q933090		17.5	112.5	<0.002	0.28	1.75	10.6	1	1.7	413	0.62	0.14	14.0	0.259	1.18	4.4
Q933091		309	147.5	<0.002	0.15	10.60	11.0	<1	1.7	237	0.61	0.28	14.5	0.253	1.93	2.7
Q933092		236	170.0	<0.002	0.29	19.05	11.1	1	2.1	61.6	0.64	0.10	14.4	0.260	3.10	4.0
Q933093		977	164.0	<0.002	0.17	23.3	11.8	1	2.0	103.0	0.66	<0.05	15.5	0.253	2.82	4.9
Q933094		3.1	7.7	<0.002	<0.01	0.13	0.5	<1	0.2	42.2	<0.05	<0.05	0.2	0.007	0.06	0.6
Q933095		74.2	124.0	<0.002	0.09	4.77	10.3	1	1.7	308	0.64	0.09	13.0	0.248	1.55	3.1
Q933096		26.6	154.0	<0.002	0.44	5.62	11.3	<1	2.2	186.0	0.69	0.20	15.7	0.265	1.96	3.9
Q933097		480	161.5	0.003	2.66	28.5	9.3	1	5.6	108.0	0.50	0.27	11.7	0.202	2.44	5.1
Q933098		29.0	176.0	<0.002	0.79	27.0	8.7	<1	2.0	74.8	0.54	0.18	11.7	0.210	3.17	4.7
Q933099		44.1	145.5	<0.002	0.18	15.05	12.4	1	2.1	152.5	0.72	<0.05	14.3	0.289	2.37	6.2
Q933100		410	185.0	<0.002	0.67	20.5	10.4	1	2.2	104.0	0.63	0.11	14.0	0.246	2.97	4.1
Q933101		1695	152.5	0.003	8.02	105.0	8.5	2	10.8	64.8	0.40	0.72	9.9	0.165	2.25	5.6
Q933102		>10000	202	<0.002	2.02	50.7	9.1	<1	3.8	27.8	0.54	0.24	13.1	0.214	3.28	3.9
Q933103		2450	191.5	<0.002	0.70	18.15	10.7	<1	2.4	100.5	0.59	0.08	14.3	0.240	2.93	4.1
Q933104		794	129.5	<0.002	0.19	10.90	13.2	1	2.3	286	0.66	0.05	11.8	0.297	1.95	3.7
Q933105		343	151.5	<0.002	0.31	6.84	10.0	<1	1.9	231	0.63	0.11	12.6	0.238	2.46	3.3
Q933106		357	164.0	<0.002	0.61	8.71	9.9	1	2.0	126.5	0.71	0.63	13.2	0.243	3.21	5.7
Q933107		21.7	134.5	<0.002	0.29	2.99	10.6	1	1.8	362	0.71	0.96	14.0	0.252	1.49	4.1
Q933108		1080	167.5	<0.002	1.25	9.07	9.9	<1	2.3	121.0	0.63	2.32	13.8	0.232	3.08	4.9
Q933109		1055	167.5	<0.002	1.26	9.07	10.0	1	2.2	119.0	0.62	2.60	13.4	0.222	3.04	4.7
Q933110		54.7	151.5	<0.002	0.80	5.00	10.4	1	2.0	156.5	0.77	1.50	12.9	0.244	2.47	4.0
Q933111		24.0	135.5	<0.002	0.04	2.31	10.7	1	1.6	388	0.64	0.05	14.4	0.247	1.44	3.9
Q933112		260	128.0	<0.002	0.40	4.43	10.0	<1	2.0	246	0.62	0.81	12.6	0.240	2.05	4.3
Q933113		300	128.0	0.007	2.29	4.92	9.3	1	2.9	107.0	0.51	3.71	12.5	0.203	2.03	3.9
Q933114		2.3	1.0	<0.002	<0.01	0.08	0.1	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933115		50.8	120.5	<0.002	0.11	3.22	9.9	<1	1.8	325	0.63	0.06	11.7	0.247	1.65	3.7
Q933116		333	135.5	<0.002	0.69	4.45	10.1	1	2.4	208	0.61	0.92	13.3	0.239	1.82	4.6
Q933117		179.5	129.0	<0.002	0.62	3.68	9.9	<1	2.4	223	0.60	0.72	13.3	0.228	1.66	4.7
Q933118		42.9	121.0	<0.002	0.33	2.77	10.4	1	1.8	314	0.62	0.46	12.8	0.236	1.35	4.0
Q933119		135.0	115.0	<0.002	0.93	4.92	9.5	1	2.1	147.5	0.56	1.60	10.8	0.217	1.68	5.5
Q933120		129.0	127.5	<0.002	0.37	4.06	10.4	1	1.8	286	0.61	0.56	13.0	0.238	1.52	3.7
Q933121		60.6	116.5	<0.002	0.24	4.14	10.8	<1	1.8	254	0.66	0.42	12.7	0.244	1.28	3.0
Q933122		601	203	<0.002	1.02	6.90	10.7	1	2.3	104.0	0.74	0.98	14.0	0.271	3.23	3.3
Q933123		682	209	<0.002	2.80	8.67	10.4	1	4.7	139.5	0.61	2.10	11.5	0.216	2.78	3.5
Q933124		20.6	113.0	<0.002	0.05	1.89	11.6	1	1.6	361	0.67	<0.05	13.6	0.258	1.27	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115507

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
Q933089		68	0.9	16.1	44	31.0		
Q933090		68	1.6	16.8	43	30.1		
Q933091		68	2.7	16.8	352	30.2		
Q933092		71	6.1	17.2	797	29.0		
Q933093		73	4.3	21.0	1720	33.6		
Q933094		4	0.1	0.9	18	<0.5		
Q933095		66	2.5	15.0	133	32.1		
Q933096		70	2.3	17.2	129	32.7		
Q933097		64	5.4	11.6	861	29.5		
Q933098		59	4.5	13.7	184	28.4		
Q933099		76	2.3	17.4	126	35.1		
Q933100		66	4.0	14.1	602	31.8		
Q933101		58	7.5	9.6	3340	23.6		
Q933102		57	3.4	8.7	>10000	25.9	1.295	1.135
Q933103		65	3.0	13.6	4450	35.1		
Q933104		93	4.6	17.8	1040	32.0		
Q933105		64	2.3	13.6	773	31.2		
Q933106		63	4.5	14.4	379	32.3		
Q933107		65	1.6	16.3	64	31.3		
Q933108		62	2.7	13.2	924	28.3		
Q933109		61	2.6	13.2	864	28.6		
Q933110		64	2.1	12.8	99	33.2		
Q933111		66	1.7	16.8	48	29.4		
Q933112		64	2.2	12.6	141	29.6		
Q933113		65	2.5	12.4	240	25.8		
Q933114		1	0.1	0.8	13	0.5		
Q933115		66	2.1	14.5	114	32.0		
Q933116		61	2.5	13.2	275	29.0		
Q933117		59	2.4	13.6	138	30.5		
Q933118		64	2.0	15.0	122	32.0		
Q933119		60	2.5	12.3	204	28.7		
Q933120		64	2.1	15.3	167	31.0		
Q933121		64	2.2	15.3	125	33.8		
Q933122		65	3.5	14.5	607	34.4		
Q933123		65	4.4	13.3	1660	27.8		
Q933124		71	3.1	18.7	54	30.6		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115507

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Pb-OG62
	PUL-31	PUL-31d	PUL-QC	Zn-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

CERTIFICATE WH14115508

Project: KLAZA

P.O. No.: BATCH 126

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

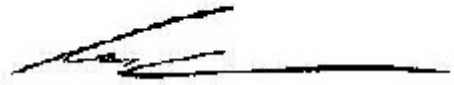
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115508

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926544		8.87	<0.005	0.10	8.21	11.2	1870	1.26	0.14	1.65	0.12	41.7	7.3	10	10.85	23.4
Q926545		4.44	<0.005	0.09	8.13	9.4	2010	1.30	0.16	2.18	0.05	38.0	8.0	11	12.60	10.8
Q926546		3.57	0.022	2.26	6.92	87.7	4830	1.23	0.14	3.97	2.45	51.1	7.9	8	16.60	59.8
Q926547		8.65	<0.005	0.09	7.61	11.3	2040	1.46	0.18	3.23	0.09	50.3	8.1	10	15.80	6.1
Q926548		3.84	<0.005	0.34	7.65	24.6	760	1.48	0.08	3.38	0.63	50.1	7.7	9	23.1	16.9
Q926549		<0.02	<0.005	0.38	7.72	25.3	800	1.48	0.10	3.35	0.62	47.6	7.7	9	22.5	17.2
Q926550		1.45	0.089	1.07	7.06	775	1420	1.55	0.10	2.48	3.77	53.8	8.3	7	21.8	9.0
Q926551		10.37	<0.005	0.09	7.77	6.7	2250	1.42	0.11	2.58	0.11	47.6	8.2	12	12.50	11.0
Q926552		4.08	<0.005	0.18	7.82	34.7	2130	1.57	0.22	2.93	0.78	53.8	7.5	11	14.25	10.2
Q926553		2.96	<0.005	0.09	7.90	6.3	2240	1.83	0.13	3.15	0.12	58.2	8.5	12	16.80	10.3
Q926554		6.41	<0.005	0.10	8.01	16.5	1530	1.64	0.18	2.34	0.16	52.7	8.1	11	26.0	6.9
Q926555		3.72	<0.005	0.29	6.98	23.1	1330	1.52	0.09	2.68	2.44	45.2	9.6	9	15.60	6.8
Q926556		0.30	0.932	14.30	6.77	1645	220	1.25	12.65	1.94	31.2	43.7	16.5	20	12.70	284
Q926557		6.96	<0.005	0.19	6.59	31.7	3900	1.35	0.23	3.58	0.49	42.0	7.9	7	19.70	10.1
Q926558		4.69	0.219	1.86	6.92	185.0	290	1.30	1.90	1.35	3.45	45.8	8.4	9	9.94	34.9
Q926559		2.81	0.915	6.23	5.71	1875	400	0.98	3.74	0.68	52.3	30.4	25.6	8	8.51	64.4
Q926560		5.61	0.005	0.03	0.07	7.4	30	0.06	0.03	21.6	0.17	1.15	1.0	1	0.17	2.2
Q926561		2.82	0.598	8.28	6.92	610	290	1.56	2.02	1.23	33.7	51.2	10.6	15	15.80	109.0
Q926562		4.11	0.061	1.77	6.93	138.5	780	2.22	0.49	1.92	4.17	59.3	10.0	18	26.8	19.6
Q926563		8.88	<0.005	0.03	7.93	35.2	1000	1.59	0.08	2.14	0.20	74.5	11.2	33	26.1	5.3
Q926564		5.96	<0.005	0.29	7.51	35.5	2710	2.03	0.11	3.00	0.50	70.0	5.5	13	25.8	9.0
Q926565		9.87	<0.005	0.06	7.32	18.4	1800	1.46	0.07	2.51	0.45	65.6	4.3	13	24.7	2.2
Q926566		9.59	<0.005	0.26	7.22	33.0	2090	1.71	0.15	2.57	0.44	60.0	5.6	15	24.1	7.5
Q926567		7.74	0.006	0.24	7.78	28.6	1320	1.38	0.30	1.66	0.60	64.6	6.6	10	12.35	13.4
Q926568		4.28	0.012	0.22	8.02	22.0	1410	1.24	0.29	1.78	0.56	54.0	6.7	9	11.90	13.7
Q926569		5.70	0.006	0.24	7.37	29.3	1040	1.57	0.26	2.45	0.66	53.3	7.2	9	18.90	6.5
Q926570		2.87	<0.005	0.15	7.80	13.6	1590	1.37	0.20	2.75	1.52	45.4	7.6	9	13.95	11.4
Q926571		0.30	0.367	4.41	6.86	747	380	1.32	3.10	2.12	10.50	47.1	12.0	25	12.85	325
Q926572		6.15	<0.005	0.11	8.30	8.0	2170	1.75	0.15	2.48	0.22	54.1	8.0	9	18.10	8.6
Q926573		7.26	<0.005	0.23	8.30	14.3	2060	1.65	0.24	2.51	0.31	51.9	8.9	10	19.25	11.0
Q926574		2.23	0.014	0.33	7.09	80.4	1280	1.57	0.25	2.39	0.63	60.1	8.0	6	20.1	28.5
Q926575		6.51	0.009	0.32	6.70	69.2	2110	1.44	0.34	2.74	0.52	53.9	8.4	6	18.20	30.3
Q926576		5.53	<0.005	<0.01	0.07	<0.2	30	0.06	0.05	19.85	0.05	1.17	0.7	<1	0.17	1.7
Q926577		3.07	0.006	0.32	7.30	35.1	1020	1.44	0.28	2.46	0.33	59.6	8.3	6	22.3	17.6
Q926578		3.58	0.007	0.54	6.51	37.2	2620	1.41	0.24	3.87	3.79	56.9	8.1	5	19.80	34.8
Q926579		2.91	<0.005	0.34	6.94	28.9	1630	1.29	0.81	1.36	0.39	38.3	8.6	7	12.60	19.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115508

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926544		3.23	18.40	0.20	1.4	0.053	3.06	19.8	36.9	0.61	1240	0.39	0.09	8.9	2.5	720
Q926545		3.28	18.50	0.21	1.2	0.042	2.82	17.0	41.5	0.66	654	0.66	0.12	8.8	2.8	730
Q926546		3.64	15.45	0.22	1.2	0.154	2.82	27.8	64.0	1.22	5220	0.90	0.07	7.4	2.5	580
Q926547		3.48	16.75	0.21	1.2	0.061	3.27	25.9	44.2	0.92	1160	0.29	0.80	7.9	2.5	670
Q926548		3.57	16.20	0.20	1.2	0.073	2.64	26.7	128.0	1.25	2280	0.97	0.04	7.6	2.5	690
Q926549		3.55	16.00	0.26	1.2	0.070	2.63	25.7	126.5	1.24	2280	0.90	0.04	7.4	2.6	700
Q926550		3.87	15.20	0.17	1.1	0.089	2.78	30.3	76.7	0.88	7670	0.85	0.05	6.8	2.6	590
Q926551		3.49	16.70	0.19	1.2	0.047	2.74	24.4	23.4	0.92	819	0.78	1.46	8.3	3.0	710
Q926552		3.58	17.10	0.22	1.3	0.064	3.41	28.0	29.3	0.91	2590	0.91	0.90	8.2	2.8	780
Q926553		3.52	18.40	0.26	1.3	0.043	2.84	29.4	12.9	0.89	832	0.87	2.09	9.0	3.7	670
Q926554		3.28	18.10	0.27	1.2	0.050	3.10	27.3	58.0	0.79	1180	1.01	0.71	8.6	2.7	700
Q926555		4.63	15.25	0.17	1.0	0.040	2.81	24.4	76.6	1.20	3780	0.45	0.03	6.9	2.6	580
Q926556		6.73	15.90	0.25	1.1	0.757	2.98	22.5	18.7	0.79	1890	8.87	0.13	6.5	11.3	540
Q926557		3.44	14.25	0.18	1.1	0.045	2.64	22.6	48.4	1.31	1760	0.37	0.04	6.6	2.2	550
Q926558		4.95	15.60	0.24	1.1	0.155	3.28	24.3	11.8	0.66	2240	0.83	0.03	7.1	2.6	560
Q926559		7.70	14.05	0.21	0.9	0.307	2.58	15.3	14.1	0.48	1940	1.33	0.03	5.5	2.7	460
Q926560		0.51	0.41	0.18	<0.1	<0.005	0.03	0.6	1.3	13.50	218	0.08	<0.01	0.1	1.7	190
Q926561		5.78	16.90	0.16	2.2	0.217	2.69	25.3	44.7	0.68	554	8.10	0.04	8.5	6.1	920
Q926562		2.81	16.90	0.16	3.3	0.067	2.23	31.9	41.2	0.89	963	4.18	0.05	9.5	7.1	1020
Q926563		3.50	19.55	0.22	4.4	0.043	2.30	39.0	70.0	1.13	922	0.58	0.05	12.0	12.1	1780
Q926564		2.57	18.60	0.20	2.7	0.037	2.00	37.9	84.4	0.99	1050	2.28	0.07	11.9	3.4	920
Q926565		2.60	17.35	0.19	2.4	0.040	2.59	36.1	93.0	0.92	1120	0.97	0.06	10.9	2.9	890
Q926566		2.50	17.60	0.19	2.9	0.029	2.55	32.2	64.1	0.96	826	1.59	0.05	10.6	4.5	980
Q926567		3.88	17.00	0.21	1.3	0.091	3.32	37.0	53.9	0.91	1640	0.64	0.07	8.3	2.6	630
Q926568		4.15	17.35	0.23	1.2	0.107	3.46	28.9	38.7	1.01	2020	0.57	0.06	8.3	2.5	670
Q926569		3.72	15.65	0.23	1.2	0.091	2.96	30.1	51.6	1.03	1820	0.98	0.04	7.8	2.3	610
Q926570		3.57	17.60	0.20	1.3	0.051	2.83	21.9	41.3	0.90	1260	0.25	0.39	8.6	2.7	710
Q926571		5.21	16.05	0.22	1.1	0.317	3.06	26.1	24.8	0.80	1960	14.70	0.16	6.2	14.0	540
Q926572		3.75	18.45	0.22	1.3	0.062	3.24	27.3	25.2	0.88	1160	0.40	0.78	8.9	2.5	760
Q926573		4.38	18.00	0.21	1.3	0.089	3.38	27.0	31.3	0.94	2190	0.63	0.46	8.6	2.7	700
Q926574		4.03	16.00	0.14	1.1	0.133	3.08	34.1	35.2	0.98	3810	0.70	0.04	7.4	2.9	620
Q926575		3.92	15.55	0.14	1.0	0.184	2.89	30.5	25.7	1.04	3680	0.55	0.03	6.9	2.8	550
Q926576		0.44	0.22	0.13	<0.1	0.012	0.03	0.6	1.4	12.60	200	0.07	<0.01	0.1	1.4	180
Q926577		3.60	16.45	0.15	1.1	0.144	3.14	33.6	26.6	0.97	2890	0.49	0.04	7.2	2.7	590
Q926578		3.80	14.80	0.14	1.0	0.326	2.75	31.1	33.1	1.23	4070	0.57	0.04	6.7	2.6	550
Q926579		3.09	17.45	0.13	1.4	0.034	2.84	18.6	27.9	0.20	1190	3.77	0.07	8.3	2.7	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115508

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926544		20.8	118.5	<0.002	0.08	17.10	11.9	1	1.8	120.5	0.71	<0.05	12.5	0.309	1.40	3.1
Q926545		16.7	86.6	<0.002	0.04	13.50	11.6	1	1.9	175.0	0.70	<0.05	11.3	0.316	1.18	2.6
Q926546		97.9	151.0	<0.002	0.57	35.8	10.2	1	2.0	192.0	0.63	<0.05	11.8	0.249	2.00	5.1
Q926547		16.5	139.5	<0.002	0.17	8.34	11.2	1	1.6	247	0.61	0.05	13.2	0.285	1.94	3.9
Q926548		23.5	133.5	<0.002	0.24	22.1	10.9	1	1.7	222	0.60	<0.05	13.0	0.285	2.01	5.2
Q926549		24.2	132.5	<0.002	0.24	22.0	10.8	1	1.6	221	0.57	<0.05	12.2	0.278	2.00	5.1
Q926550		250	133.0	<0.002	0.75	36.6	9.9	1	1.5	164.0	0.55	<0.05	12.1	0.241	2.34	6.1
Q926551		18.3	99.7	<0.002	0.02	6.18	11.8	1	1.7	350	0.63	<0.05	12.7	0.311	1.03	3.4
Q926552		41.4	142.5	<0.002	0.26	7.45	10.4	1	1.8	293	0.60	<0.05	13.5	0.295	1.91	4.1
Q926553		19.5	110.0	<0.002	0.02	4.90	12.4	1	1.7	401	0.72	<0.05	14.5	0.302	1.24	4.1
Q926554		20.0	137.0	<0.002	0.18	13.10	11.9	1	1.6	229	0.68	<0.05	13.6	0.302	2.48	3.8
Q926555		199.5	131.5	<0.002	0.24	18.70	9.8	1	2.7	197.0	0.55	<0.05	11.2	0.254	2.64	6.1
Q926556		1345	162.5	<0.002	4.78	65.8	8.9	2	8.3	95.3	0.52	1.66	10.7	0.215	2.41	4.8
Q926557		43.1	121.5	<0.002	0.40	17.85	8.9	1	2.3	206	0.56	<0.05	10.9	0.229	1.89	6.0
Q926558		162.5	186.0	<0.002	3.04	15.70	9.5	1	6.6	53.9	0.58	0.05	11.9	0.233	2.33	4.9
Q926559		1025	144.0	<0.002	6.36	25.6	7.8	1	10.5	81.1	0.46	0.56	8.0	0.189	1.83	2.7
Q926560		3.3	1.4	<0.002	0.01	0.15	0.2	1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q926561		1130	147.0	<0.002	5.00	40.4	8.7	1	9.4	576	0.61	0.09	9.5	0.294	1.93	6.3
Q926562		150.5	103.0	<0.002	0.48	25.9	6.1	1	2.0	589	0.65	<0.05	8.3	0.296	1.95	5.1
Q926563		14.0	99.9	<0.002	0.04	27.2	7.6	1	1.2	884	0.76	<0.05	8.2	0.448	1.90	2.7
Q926564		23.6	78.2	<0.002	0.12	9.91	6.0	1	1.5	563	0.79	<0.05	10.2	0.269	1.45	5.0
Q926565		14.0	108.5	<0.002	0.06	15.35	5.6	1	1.4	325	0.73	<0.05	9.7	0.247	1.91	3.8
Q926566		29.0	108.5	<0.002	0.17	15.10	6.0	<1	1.4	427	0.71	<0.05	9.3	0.269	2.80	5.1
Q926567		42.3	141.5	<0.002	0.36	11.50	11.1	1	2.2	137.0	0.71	<0.05	16.1	0.272	1.91	4.5
Q926568		38.7	159.0	<0.002	0.26	9.52	11.4	1	2.4	114.0	0.69	<0.05	14.0	0.281	2.09	3.9
Q926569		40.1	141.5	<0.002	0.44	16.50	10.0	1	1.9	171.0	0.68	<0.05	13.3	0.260	2.49	4.9
Q926570		26.8	106.0	<0.002	0.12	10.35	12.4	1	1.7	245	0.69	<0.05	11.3	0.303	1.67	3.9
Q926571		501	156.5	0.003	2.81	29.7	8.9	1	5.9	109.0	0.50	0.32	10.7	0.209	2.40	4.8
Q926572		31.9	128.5	<0.002	0.11	7.71	12.6	1	1.9	279	0.67	<0.05	12.6	0.314	1.62	3.1
Q926573		34.9	153.5	<0.002	0.24	9.78	12.5	1	2.0	248	0.65	<0.05	12.3	0.299	1.85	2.9
Q926574		49.6	184.0	<0.002	0.51	16.20	12.2	<1	2.1	161.5	0.56	<0.05	14.0	0.244	2.98	4.7
Q926575		37.6	187.0	<0.002	0.67	17.85	11.1	<1	1.9	150.5	0.54	<0.05	12.6	0.223	3.04	5.1
Q926576		1.4	1.3	<0.002	<0.01	0.12	0.2	1	<0.2	47.3	<0.05	0.12	<0.2	<0.005	0.02	0.5
Q926577		36.3	186.0	<0.002	0.42	14.65	11.7	1	1.9	158.0	0.58	<0.05	14.4	0.246	2.97	4.2
Q926578		55.2	167.5	<0.002	0.56	18.25	10.9	1	1.6	176.0	0.53	<0.05	11.9	0.220	2.61	3.6
Q926579		27.3	122.0	<0.002	0.17	20.7	12.0	<1	2.4	60.6	0.66	<0.05	10.8	0.265	1.72	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115508

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926544		85	6.6	13.4	60	33.8
Q926545		88	3.7	12.8	44	32.7
Q926546		71	4.1	15.0	247	27.7
Q926547		81	1.6	14.0	64	31.3
Q926548		84	4.9	15.3	107	30.2
Q926549		84	4.7	15.1	108	30.6
Q926550		73	3.8	14.8	336	27.7
Q926551		88	2.0	15.9	59	30.2
Q926552		81	3.9	15.5	113	35.4
Q926553		89	1.5	17.2	61	32.8
Q926554		83	2.6	14.7	74	30.2
Q926555		73	5.1	12.3	261	26.6
Q926556		65	6.1	10.7	2450	30.0
Q926557		66	3.5	12.6	88	26.3
Q926558		67	4.1	9.7	303	27.7
Q926559		58	4.5	8.5	3600	22.7
Q926560		2	0.1	0.8	24	<0.5
Q926561		71	3.8	10.4	2890	80.1
Q926562		63	2.6	11.6	421	129.0
Q926563		81	3.9	12.9	106	181.5
Q926564		55	2.4	13.1	91	94.1
Q926565		49	2.6	12.3	100	83.3
Q926566		57	1.9	12.3	89	108.0
Q926567		78	3.3	14.8	103	30.2
Q926568		82	3.3	15.2	112	31.1
Q926569		71	2.7	14.5	123	29.4
Q926570		90	2.0	15.0	218	30.9
Q926571		68	5.5	11.2	901	30.1
Q926572		90	1.8	16.8	86	31.1
Q926573		87	2.5	16.8	97	29.9
Q926574		75	4.4	17.3	105	27.3
Q926575		68	4.1	18.6	108	25.5
Q926576		2	0.1	0.8	14	<0.5
Q926577		74	3.4	18.2	93	27.7
Q926578		66	3.3	26.1	449	26.3
Q926579		79	2.6	14.0	77	40.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14115508

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

CERTIFICATE WH14116728

Project: Klaza

P.O. No.: Batch 111

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

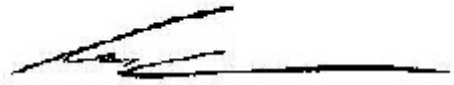
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116728

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927709		2.74	<0.005	0.75	6.68	35.7	2580	1.34	0.17	3.52	0.28	50.1	9.9	20	16.70	16.0
Q927710		8.83	<0.005	0.08	6.73	11.6	2020	1.51	0.16	2.45	0.11	41.6	6.9	12	23.3	10.7
Q927711		2.35	0.006	0.28	7.15	11.4	1810	1.45	0.14	2.45	0.23	45.7	6.7	12	20.2	15.1
Q927712		4.29	0.041	1.07	7.12	207	900	1.66	0.23	1.89	1.68	46.1	6.4	15	18.65	9.3
Q927713		2.14	1.000	2.50	6.43	2700	890	1.49	0.20	2.31	7.34	45.9	4.2	14	15.90	7.2
Q927714		6.25	0.050	1.07	7.00	283	1360	1.54	0.18	1.90	2.32	47.4	5.7	12	22.6	9.4
Q927715		6.43	0.104	0.28	7.48	159.5	2010	1.51	0.21	1.65	0.50	47.6	8.6	18	20.5	9.6
Q927716		0.29	0.328	4.26	6.68	706	290	1.44	3.84	2.03	10.00	48.9	13.0	23	14.50	302
Q927717		9.11	0.041	0.24	7.34	16.8	2410	1.63	0.30	2.08	0.21	44.9	14.0	22	19.60	10.3
Q927718		6.70	<0.005	0.14	7.07	16.6	2040	1.49	0.26	2.57	0.16	44.1	3.7	10	16.25	7.4
Q927719		4.56	<0.005	0.21	6.47	27.4	1280	1.33	0.20	2.73	0.26	44.5	2.6	8	16.20	3.8
Q927720		5.63	<0.005	<0.01	0.07	0.4	20	0.07	0.01	19.95	0.06	1.16	0.6	1	0.16	1.9
Q927721		2.91	0.005	0.33	6.66	71.5	1910	1.49	0.19	2.22	0.15	47.6	3.2	9	21.5	5.1
Q927722		3.47	0.217	11.45	6.27	557	820	1.15	0.44	2.12	2.12	44.1	2.9	9	12.40	375
Q927723		8.28	0.007	0.26	7.34	39.4	2530	1.49	0.24	2.08	0.18	47.4	5.2	9	20.8	9.6
Q927724		10.21	<0.005	0.14	7.02	14.9	2120	1.38	0.34	2.31	0.12	37.5	5.3	10	18.05	9.3
Q927725		3.01	0.055	1.25	6.52	167.5	1610	1.41	0.24	2.66	1.52	43.2	3.8	8	16.80	27.6
Q927726		4.96	0.008	0.26	7.33	40.3	2640	1.41	0.38	1.79	0.18	40.6	3.6	10	16.35	14.5
Q927727		4.70	0.006	0.54	7.05	36.5	3540	1.44	0.29	2.54	0.86	39.6	4.3	9	15.75	20.7
Q927728		4.96	<0.005	0.19	7.16	23.0	2050	1.40	0.19	2.33	0.22	45.0	3.6	10	15.95	6.5
Q927729		8.23	<0.005	0.13	6.99	15.9	2370	1.33	0.24	2.35	0.12	43.0	3.7	10	16.00	8.2
Q927730		2.74	0.010	0.28	7.73	39.4	2060	1.36	0.34	1.78	0.33	52.3	5.1	10	13.75	9.4
Q927731		8.54	<0.005	0.09	7.33	14.5	3200	1.43	0.39	1.96	0.13	36.7	5.2	9	15.95	4.2
Q927732		8.53	<0.005	0.09	6.85	11.0	3530	1.33	0.38	2.39	0.52	37.8	5.4	12	16.10	3.8
Q927733		3.37	<0.005	0.19	6.98	17.6	2640	1.29	0.47	1.87	0.15	40.8	7.3	8	20.9	9.6
Q927734		0.29	0.933	11.60	6.42	1530	100	1.33	11.20	1.82	30.3	43.1	15.9	18	12.90	274
Q927735		4.53	<0.005	0.20	7.12	23.9	2640	1.48	0.57	1.91	0.13	43.6	8.5	12	28.0	4.4
Q927736		6.02	<0.005	<0.01	0.06	0.4	40	0.05	0.02	20.6	0.05	1.13	0.6	<1	0.17	1.6
Q927737		5.05	<0.005	0.81	7.45	18.8	2080	1.35	0.50	1.72	0.13	45.7	6.6	13	22.4	4.7
Q927738		3.10	<0.005	0.19	7.38	15.6	3580	1.44	0.71	2.31	0.12	41.2	7.3	8	22.3	18.4
Q927739		5.88	<0.005	0.23	6.79	8.3	2910	1.30	0.73	2.48	0.04	41.1	10.1	15	12.75	6.0
Q927740		6.98	0.062	0.12	7.04	10.0	2670	1.19	0.44	2.14	0.05	39.6	4.4	9	13.55	2.8
Q927741		<0.02	0.005	0.11	6.96	9.1	2650	1.24	0.45	2.16	0.08	37.6	4.4	10	12.90	2.4
Q927742		6.12	0.019	1.42	6.52	103.5	1680	1.42	0.52	2.91	5.63	41.3	4.8	10	28.9	8.9
Q927743		6.15	0.021	0.81	7.07	60.8	1880	1.34	0.62	2.40	1.44	36.2	6.1	8	26.5	30.4
Q927744		2.89	0.013	0.51	6.85	53.1	1780	1.40	0.50	2.33	0.70	37.4	6.6	7	29.0	33.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116728

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927709		2.98	14.30	0.13	1.2	0.056	2.58	28.1	45.4	1.07	2210	2.52	0.06	7.3	2.5	490
Q927710		2.63	15.90	0.15	1.3	0.041	2.88	19.7	29.8	0.59	643	1.63	1.71	7.9	2.3	550
Q927711		2.78	16.45	0.16	1.5	0.049	3.15	21.1	47.8	0.68	1180	1.97	0.40	9.0	2.2	590
Q927712		2.83	16.45	0.18	1.3	0.076	3.10	22.6	59.5	0.72	1830	2.08	0.05	8.2	2.4	560
Q927713		2.91	15.45	0.16	1.2	0.069	3.19	23.5	33.7	0.76	3730	2.08	0.04	7.3	2.5	490
Q927714		2.60	16.05	0.17	1.3	0.048	3.15	23.7	56.6	0.69	1380	1.81	0.05	7.8	2.2	550
Q927715		3.02	17.15	0.18	1.3	0.079	3.51	23.1	51.4	0.73	1770	2.56	0.35	8.7	2.5	600
Q927716		4.94	16.05	0.17	1.2	0.320	2.91	26.2	26.9	0.78	1880	17.45	0.15	6.5	15.1	500
Q927717		3.43	15.30	0.16	1.1	0.115	2.99	22.9	164.5	0.80	1310	2.28	0.14	7.9	2.5	590
Q927718		2.86	15.40	0.19	1.1	0.118	2.79	22.2	96.2	0.89	1100	4.34	0.04	7.6	2.1	590
Q927719		2.60	12.90	0.22	1.0	0.094	2.49	24.5	87.1	1.00	1420	4.39	0.02	6.6	1.9	490
Q927720		0.46	0.28	0.28	<0.1	<0.005	0.03	0.6	1.3	12.85	205	0.17	<0.01	0.1	1.6	190
Q927721		2.46	14.00	0.31	1.2	0.074	2.82	25.5	150.5	0.82	1420	1.97	0.03	7.3	2.0	540
Q927722		3.30	12.65	0.22	0.8	0.356	3.02	24.3	33.7	0.80	2290	2.52	0.02	6.0	2.2	450
Q927723		2.81	15.55	0.23	1.1	0.081	2.91	24.0	79.6	0.71	1220	1.77	0.50	7.9	2.2	600
Q927724		2.69	14.55	0.22	1.1	0.048	3.00	18.2	23.8	0.63	694	1.24	1.66	7.4	1.9	580
Q927725		2.80	13.40	0.19	1.1	0.074	2.99	22.8	30.4	0.88	2340	4.51	0.06	6.8	2.2	510
Q927726		2.95	16.30	0.21	1.1	0.116	3.60	19.5	35.0	0.66	1080	1.13	0.28	8.5	2.2	610
Q927727		2.87	15.05	0.19	1.0	0.079	3.41	19.4	46.4	0.86	1510	1.34	0.08	7.5	2.1	590
Q927728		2.77	15.70	0.26	1.2	0.069	3.07	22.4	58.5	0.81	1250	1.16	0.06	8.1	2.1	590
Q927729		2.97	15.25	0.26	1.1	0.084	3.35	21.4	23.2	0.65	866	1.34	1.08	7.9	2.2	570
Q927730		2.96	16.15	0.24	1.2	0.083	4.02	26.7	26.3	0.68	1800	2.50	0.15	8.4	2.6	620
Q927731		2.85	14.45	0.21	1.1	0.043	2.38	17.7	34.8	0.66	856	1.02	0.94	8.1	2.1	600
Q927732		2.96	13.80	0.25	1.0	0.049	2.70	18.4	15.5	0.67	793	1.26	1.43	7.2	2.0	560
Q927733		2.70	14.60	0.25	1.0	0.047	2.45	19.9	25.5	0.60	851	1.42	1.09	7.3	2.7	560
Q927734		6.35	14.20	0.15	0.9	0.722	2.83	22.6	17.6	0.75	1720	8.93	0.12	6.1	11.1	510
Q927735		2.58	15.15	0.20	1.0	0.044	2.25	21.2	37.6	0.52	816	1.17	0.65	7.8	2.3	590
Q927736		0.45	0.25	0.34	<0.1	<0.005	0.02	0.5	0.9	12.85	193	0.09	<0.01	0.1	1.5	170
Q927737		2.72	14.85	0.32	1.0	0.043	2.52	22.9	38.7	0.60	788	1.29	0.55	7.5	2.5	600
Q927738		3.35	14.85	0.34	1.0	0.052	2.22	20.1	30.9	0.70	1100	1.01	1.15	7.8	2.1	580
Q927739		3.33	13.95	0.27	0.9	0.115	3.33	21.0	16.0	0.79	1220	1.30	0.32	6.5	2.0	570
Q927740		3.81	14.40	0.25	0.9	0.162	3.85	20.1	17.1	0.77	1270	0.70	0.45	7.6	1.9	620
Q927741		3.81	14.35	0.24	0.9	0.159	3.85	18.7	16.5	0.77	1280	0.71	0.47	7.5	2.0	610
Q927742		2.73	13.95	0.24	1.1	0.105	2.90	21.0	71.1	0.75	2230	1.82	0.14	6.9	2.0	520
Q927743		3.11	14.70	0.25	1.2	0.092	2.96	18.1	30.4	0.69	920	2.90	0.89	7.5	2.2	590
Q927744		2.90	14.70	0.27	1.2	0.074	2.97	18.6	29.7	0.62	852	2.26	0.85	7.4	2.0	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116728

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927709		38.5	127.5	<0.002	0.33	23.5	9.6	1	1.7	146.0	0.59	<0.05	13.6	0.222	3.70	6.6
Q927710		19.5	106.0	<0.002	0.07	6.10	9.6	1	1.6	304	0.65	<0.05	11.6	0.252	1.92	3.4
Q927711		29.0	118.5	<0.002	0.08	10.70	11.0	<1	1.8	169.5	0.78	<0.05	13.0	0.259	2.15	4.2
Q927712		84.9	123.0	<0.002	0.63	18.05	10.8	1	2.4	152.5	0.65	<0.05	12.9	0.248	2.46	5.0
Q927713		175.0	142.0	<0.002	1.57	35.1	9.6	1	3.6	127.5	0.59	<0.05	12.1	0.213	2.66	6.1
Q927714		110.5	129.5	<0.002	0.52	14.55	10.0	1	2.3	162.5	0.62	<0.05	12.9	0.233	2.87	3.8
Q927715		32.9	136.0	<0.002	0.30	10.80	10.9	1	2.2	152.5	0.70	<0.05	13.0	0.259	2.10	4.8
Q927716		469	152.5	0.004	2.65	25.4	9.6	1	6.0	110.5	0.53	0.37	11.3	0.200	2.57	5.5
Q927717		16.3	119.0	<0.002	0.46	17.25	10.3	1	1.9	172.5	0.63	0.11	11.9	0.253	1.80	6.5
Q927718		14.4	109.5	<0.002	0.19	13.05	10.1	1	1.9	185.0	0.60	<0.05	11.6	0.249	2.21	4.0
Q927719		16.6	136.0	<0.002	0.24	15.35	8.7	<1	1.5	139.5	0.54	<0.05	11.8	0.209	2.09	8.4
Q927720		1.2	1.3	<0.002	<0.01	0.07	0.2	<1	<0.2	41.1	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q927721		19.5	132.5	<0.002	0.30	28.2	9.6	<1	1.7	185.5	0.62	<0.05	12.7	0.226	2.24	13.4
Q927722		4510	177.5	<0.002	1.27	211	7.9	1	1.9	86.4	0.49	0.06	11.1	0.194	2.46	15.4
Q927723		25.2	128.0	<0.002	0.22	14.65	10.2	<1	1.7	244	0.63	<0.05	12.7	0.247	2.22	4.5
Q927724		20.3	111.5	<0.002	0.04	6.55	9.2	<1	1.5	303	0.62	<0.05	10.1	0.240	1.43	2.7
Q927725		354	146.0	0.002	1.17	28.4	9.0	<1	1.5	130.5	0.55	<0.05	11.0	0.213	2.38	4.9
Q927726		20.8	144.0	<0.002	0.18	12.40	11.1	<1	2.0	143.0	0.67	<0.05	11.4	0.258	2.21	2.9
Q927727		44.7	123.0	<0.002	0.36	12.45	9.8	1	1.8	182.0	0.60	<0.05	10.1	0.245	2.50	6.0
Q927728		24.2	120.0	<0.002	0.30	11.10	10.9	1	1.9	199.0	0.68	<0.05	11.9	0.255	2.36	4.0
Q927729		19.9	140.0	<0.002	0.10	8.68	9.9	<1	1.9	242	0.65	<0.05	12.1	0.243	1.94	4.3
Q927730		29.4	179.5	<0.002	0.56	10.10	11.0	<1	2.1	134.0	0.69	<0.05	13.9	0.268	2.48	3.7
Q927731		12.4	88.3	<0.002	0.18	11.45	10.1	<1	1.8	248	0.67	<0.05	10.7	0.250	2.10	3.1
Q927732		47.2	103.5	0.002	0.15	6.25	9.0	1	1.6	281	0.59	<0.05	10.3	0.233	1.54	2.3
Q927733		26.7	102.0	<0.002	0.25	7.72	9.8	<1	2.0	250	0.61	<0.05	11.1	0.235	2.47	3.3
Q927734		1260	160.0	0.002	4.47	61.6	8.9	1	7.2	90.3	0.48	1.15	10.1	0.198	2.30	4.9
Q927735		18.6	95.8	<0.002	0.36	10.40	9.5	<1	1.7	279	0.66	<0.05	11.5	0.241	3.88	3.4
Q927736		1.3	1.0	<0.002	<0.01	0.06	0.1	<1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	0.02	1.0
Q927737		15.3	115.5	<0.002	0.30	9.91	9.8	1	1.8	236	0.62	<0.05	13.1	0.240	3.32	2.9
Q927738		12.4	88.8	<0.002	0.20	9.77	10.2	<1	2.9	274	0.65	<0.05	11.2	0.258	1.47	2.2
Q927739		5.8	142.5	<0.002	0.22	7.19	9.5	1	1.6	150.0	0.50	<0.05	10.2	0.220	2.40	2.2
Q927740		7.8	163.5	<0.002	0.14	8.30	10.4	1	2.0	164.0	0.58	<0.05	11.0	0.253	2.51	1.7
Q927741		7.5	158.5	<0.002	0.15	8.04	10.3	<1	1.9	162.5	0.59	<0.05	10.3	0.255	2.48	1.7
Q927742		222	121.5	<0.002	0.61	18.45	8.9	1	2.3	243	0.57	<0.05	10.8	0.214	2.16	8.1
Q927743		103.0	107.0	<0.002	0.21	10.35	9.5	1	2.5	360	0.62	<0.05	10.8	0.245	1.53	4.2
Q927744		50.6	109.0	<0.002	0.15	10.05	9.3	1	3.1	353	0.61	<0.05	10.6	0.230	1.53	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116728

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927709		58	7.5	17.7	60	29.6
Q927710		65	2.2	14.7	45	32.7
Q927711		69	3.1	18.2	50	36.3
Q927712		68	4.0	15.0	158	33.5
Q927713		57	5.6	13.7	620	29.4
Q927714		63	3.9	14.8	216	32.7
Q927715		68	5.0	15.6	83	34.5
Q927716		65	5.8	12.1	864	32.3
Q927717		70	8.2	14.6	72	30.1
Q927718		68	4.4	14.7	63	29.7
Q927719		58	2.6	12.9	64	26.7
Q927720		3	0.1	0.7	15	<0.5
Q927721		66	3.4	14.9	46	31.7
Q927722		57	4.5	11.0	147	21.7
Q927723		67	3.2	15.1	65	30.9
Q927724		67	2.4	13.7	51	30.8
Q927725		60	3.6	13.4	186	27.9
Q927726		71	3.4	14.0	59	28.9
Q927727		69	4.5	13.8	97	27.9
Q927728		71	3.4	15.3	58	30.6
Q927729		68	2.6	15.5	52	29.7
Q927730		72	3.3	15.6	71	31.7
Q927731		66	2.2	13.0	61	30.0
Q927732		64	1.9	13.5	90	25.4
Q927733		67	2.0	13.1	63	27.5
Q927734		61	5.4	10.6	2270	27.0
Q927735		66	2.1	13.8	61	28.9
Q927736		2	<0.1	0.7	15	1.2
Q927737		67	1.8	12.0	61	26.7
Q927738		68	2.5	15.3	63	26.3
Q927739		68	1.6	12.4	53	25.7
Q927740		70	2.3	10.9	61	26.5
Q927741		71	2.4	10.4	61	25.8
Q927742		61	2.4	13.3	431	28.7
Q927743		66	2.8	13.2	155	31.6
Q927744		64	2.6	13.3	95	31.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116728

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

CERTIFICATE WH14116729

Project: Klaza

P.O. No.: Batch 110

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

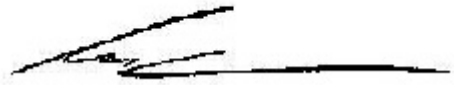
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116729

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926400		7.88	<0.005	0.04	6.93	8.4	1700	1.43	0.04	2.39	0.13	35.5	6.2	12	30.5	5.6
Q926401		1.53	0.044	8.32	5.35	549	780	1.38	0.20	4.27	23.4	34.1	6.6	10	13.05	56.7
Q926402		3.43	<0.005	0.06	6.82	8.4	1570	1.56	0.08	2.34	0.14	39.3	6.4	12	28.5	5.8
Q926403		4.08	<0.005	0.08	5.77	10.3	3590	1.61	0.12	3.01	0.15	41.2	4.6	10	12.50	3.4
Q926404		3.17	0.281	1.06	6.66	1105	680	1.63	0.35	2.60	4.97	43.8	7.7	11	19.25	9.6
Q926405		<0.02	0.278	0.93	6.62	1080	680	1.56	0.27	2.62	5.03	40.6	7.4	14	18.25	9.7
Q926406		4.48	0.011	6.78	8.80	23.8	2370	1.64	13.25	4.59	0.82	46.7	12.4	8	8.46	14.3
Q926407		7.19	0.022	38.4	6.50	46.4	1150	1.40	88.3	2.27	1.17	42.2	16.5	10	10.15	107.0
Q926408		9.73	<0.005	1.06	6.82	14.1	1260	1.29	2.13	2.50	0.26	51.2	7.8	10	11.55	35.7
Q926409		12.37	<0.005	0.98	6.96	6.6	2580	1.55	2.05	3.37	0.24	47.5	7.8	12	11.10	40.7
Q926410		9.34	<0.005	0.50	7.22	5.2	1930	1.46	0.85	2.95	0.16	51.6	8.0	14	10.65	16.6
Q926411		3.90	<0.005	0.25	7.18	4.6	2040	1.40	0.45	2.56	0.12	44.6	8.0	11	10.75	17.9
Q926412		12.28	<0.005	0.21	7.12	8.9	2030	1.56	0.43	2.69	0.16	47.5	7.9	13	13.15	18.5
Q926413		4.54	0.016	1.26	7.01	55.5	1960	1.36	1.11	3.07	0.31	51.4	8.1	10	16.85	89.7
Q926414		3.53	<0.005	0.36	7.24	12.1	2260	1.45	0.81	2.99	0.16	51.1	8.6	9	11.40	61.9
Q926415		5.95	<0.005	0.24	7.12	24.0	1640	1.50	0.25	3.17	0.28	48.6	8.1	9	16.25	10.9
Q926416		5.48	0.081	1.51	6.65	500	1480	1.47	0.56	4.53	3.04	49.4	7.8	10	18.45	24.8
Q926417		8.01	<0.005	0.18	7.04	27.5	1450	1.70	0.16	2.42	0.23	65.2	5.2	12	23.2	5.3
Q926418		7.53	<0.005	0.32	7.37	32.4	1780	1.54	0.15	2.42	0.48	63.4	5.0	13	18.85	3.8
Q926419		9.41	0.097	2.13	6.32	322	190	1.53	0.59	2.93	5.01	41.5	7.5	10	14.20	52.0
Q926420		5.77	<0.005	0.01	0.11	<0.2	30	0.07	0.03	20.7	0.06	1.43	0.7	<1	0.27	7.1
Q926421		7.73	0.018	1.33	6.64	70.4	2980	1.34	0.34	3.39	1.96	56.9	7.3	10	16.10	25.2
Q926422		3.49	0.890	3.71	7.37	46.3	1140	1.54	17.20	2.47	0.30	51.1	7.4	13	15.15	481
Q926423		6.51	0.026	0.48	7.04	33.5	1860	1.53	1.06	2.84	0.53	47.4	7.0	12	17.25	69.0
Q926424		7.79	0.049	2.67	7.22	215	2240	1.86	0.44	3.52	3.42	64.9	8.5	19	24.6	22.9
Q926425		0.30	0.360	4.30	6.55	699	260	1.26	3.24	2.05	10.50	45.2	11.9	24	13.60	307
Q926426		2.70	0.040	1.96	7.11	95.1	3690	1.85	0.27	5.79	1.78	59.6	7.3	14	23.8	13.8
Q926427		2.35	0.266	12.75	6.96	480	1040	1.85	1.25	2.59	37.6	48.0	10.6	10	24.7	55.5
Q926428		5.67	<0.005	0.04	0.07	1.0	30	0.06	0.02	21.6	0.07	1.20	0.7	<1	0.22	2.7
Q926429		4.45	<0.005	0.20	7.22	18.7	1880	1.57	0.23	2.14	1.13	46.1	7.2	9	27.5	8.6
Q926430		3.46	0.233	4.26	6.61	236	550	1.24	1.74	2.79	54.7	45.0	7.8	10	11.55	209
Q926431		6.74	0.008	0.36	7.32	66.3	1610	1.49	0.46	2.99	0.95	51.5	9.1	10	18.75	19.2
Q926432		2.64	1.435	7.00	5.01	5400	60	0.86	1.29	3.31	12.75	39.5	24.1	9	9.65	114.5
Q926433		0.26	0.882	11.65	6.58	1575	180	1.20	13.25	1.90	32.3	42.0	17.0	18	13.85	293
Q926434		8.69	0.025	1.15	5.92	95.8	1570	1.16	0.73	5.37	1.18	41.4	10.8	8	14.90	13.9
Q926435		10.95	<0.005	0.13	7.38	13.9	1780	1.42	0.27	3.06	0.18	53.5	8.6	11	35.8	8.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116729

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926400		2.78	14.95	0.24	1.2	0.035	2.64	16.6	91.9	0.59	634	1.09	0.93	7.6	2.2	600
Q926401		3.21	10.60	0.25	0.9	0.261	2.23	18.5	52.8	1.45	4270	1.18	0.04	5.1	2.7	410
Q926402		2.41	14.90	0.31	1.2	0.034	2.75	19.1	38.6	0.72	686	1.18	1.04	7.2	2.4	570
Q926403		1.57	11.35	0.33	1.8	0.019	2.29	22.4	23.1	0.57	682	1.11	0.77	6.9	1.5	260
Q926404		3.23	14.40	0.23	1.1	0.102	2.72	22.5	90.1	0.85	6230	1.22	0.04	7.3	2.4	580
Q926405		3.27	13.85	0.20	1.1	0.095	2.75	20.2	89.0	0.85	6220	1.36	0.04	7.1	2.4	590
Q926406		4.58	18.10	0.32	1.5	0.280	2.30	21.8	42.1	1.49	2470	0.52	0.91	9.7	3.2	760
Q926407		4.48	14.90	0.19	0.9	0.426	2.26	23.4	50.6	0.96	1980	1.50	0.04	6.6	3.7	520
Q926408		3.14	16.05	0.12	1.1	0.066	2.34	25.7	31.2	0.88	1220	0.74	0.40	7.7	3.2	620
Q926409		3.16	15.20	0.10	1.1	0.056	2.41	23.4	20.5	0.86	1120	0.80	0.90	7.8	3.0	640
Q926410		3.17	15.70	0.12	1.2	0.044	2.53	25.3	11.5	0.90	848	0.98	2.08	8.0	2.8	640
Q926411		3.13	15.45	0.11	1.2	0.037	2.57	21.8	11.5	0.88	769	1.02	2.03	7.8	2.9	640
Q926412		3.06	15.75	0.10	1.2	0.046	2.55	23.0	10.8	0.87	824	1.12	2.10	7.9	2.8	630
Q926413		3.20	15.55	0.12	1.1	0.070	3.10	26.6	22.7	1.04	1370	0.91	0.44	7.6	2.5	610
Q926414		3.20	16.95	0.11	1.2	0.053	2.90	25.7	36.0	0.93	892	0.73	0.39	8.5	2.7	630
Q926415		3.06	15.60	0.10	1.1	0.046	3.15	25.2	52.2	1.12	1160	0.73	0.13	7.7	2.6	590
Q926416		3.23	14.25	0.11	1.2	0.076	2.64	26.2	44.9	1.09	3250	1.15	0.04	7.1	2.7	600
Q926417		2.49	16.70	0.12	2.4	0.029	1.87	33.2	91.3	0.93	910	1.12	0.05	11.0	3.3	860
Q926418		2.47	17.45	0.11	2.5	0.026	2.22	31.1	187.0	0.88	982	1.26	0.05	11.8	3.0	930
Q926419		3.53	15.60	0.12	1.2	0.216	3.11	20.4	12.1	0.85	4600	1.76	0.03	7.1	2.5	540
Q926420		0.48	0.30	0.09	<0.1	0.007	0.04	0.7	2.3	12.70	202	0.27	0.01	0.2	1.4	190
Q926421		3.16	14.50	0.15	1.3	0.139	3.03	30.9	20.4	1.07	1940	1.01	0.05	7.5	2.8	560
Q926422		3.68	16.05	0.11	1.5	0.196	3.26	26.4	38.2	1.06	1300	1.25	0.05	8.7	2.8	640
Q926423		3.55	14.95	0.12	1.2	0.148	3.15	24.5	26.7	1.14	1420	0.82	0.04	7.5	3.0	610
Q926424		2.78	17.30	0.12	3.3	0.055	2.44	33.0	73.5	1.39	1400	2.20	0.04	10.5	7.5	1310
Q926425		5.01	14.95	0.10	1.0	0.288	2.93	24.5	26.4	0.79	1810	14.20	0.15	6.1	14.6	520
Q926426		2.80	16.85	0.15	3.2	0.036	2.96	30.8	23.1	2.38	2660	2.76	0.03	10.2	6.1	990
Q926427		3.47	17.20	0.11	1.5	0.145	2.69	23.9	53.6	0.91	2920	1.44	0.04	8.6	4.0	610
Q926428		0.49	0.26	0.10	<0.1	<0.005	0.03	0.6	1.1	13.20	215	0.13	<0.01	0.1	1.4	180
Q926429		3.52	16.05	0.16	1.3	0.037	2.90	22.2	33.4	0.78	1120	0.81	0.37	8.0	2.3	630
Q926430		5.20	14.25	0.09	1.3	0.258	2.92	22.9	22.7	1.01	2770	1.59	0.03	7.0	2.8	550
Q926431		3.44	16.35	0.15	1.3	0.117	3.22	26.9	44.9	1.10	2060	0.93	0.05	7.9	2.9	620
Q926432		5.78	11.80	0.08	0.9	0.303	2.28	19.6	18.2	0.84	2560	2.24	0.02	5.1	2.8	390
Q926433		6.70	14.80	0.10	1.1	0.775	2.92	21.5	19.0	0.80	1780	8.23	0.13	6.4	12.0	540
Q926434		3.74	13.40	0.09	1.1	0.098	2.34	21.7	38.6	1.23	3040	1.09	0.04	6.4	2.6	480
Q926435		3.27	16.30	0.14	1.5	0.048	2.49	26.1	53.0	0.92	892	0.70	0.10	8.1	3.2	720

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116729

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926400		17.1	90.2	<0.002	0.02	9.48	10.4	<1	1.3	266	0.64	<0.05	11.2	0.251	1.32	3.0
Q926401		905	127.0	<0.002	0.85	53.3	7.6	<1	1.4	126.0	0.44	<0.05	10.2	0.170	1.91	9.7
Q926402		14.4	108.5	<0.002	0.04	11.95	10.0	<1	1.3	219	0.59	<0.05	10.5	0.237	1.42	4.5
Q926403		18.2	96.6	<0.002	0.14	7.86	4.5	1	1.3	162.0	0.88	<0.05	21.4	0.121	1.20	8.0
Q926404		112.5	127.5	<0.002	0.67	22.3	10.6	<1	2.2	124.5	0.61	<0.05	10.9	0.242	2.46	5.0
Q926405		115.0	114.5	<0.002	0.69	21.4	10.2	1	2.1	122.0	0.59	<0.05	10.2	0.249	2.35	5.0
Q926406		61.3	82.9	<0.002	1.05	15.00	13.0	1	7.8	154.5	0.86	0.22	12.9	0.320	1.78	5.0
Q926407		260	136.5	<0.002	0.82	70.4	7.3	4	17.1	60.7	0.50	1.55	10.7	0.210	1.72	3.9
Q926408		45.5	96.9	0.003	0.10	17.95	11.7	<1	1.6	126.5	0.59	<0.05	13.3	0.264	1.29	4.6
Q926409		40.7	102.0	0.004	0.10	10.15	11.6	1	1.5	209	0.59	<0.05	12.5	0.277	1.22	5.3
Q926410		47.5	99.9	0.003	0.02	3.15	11.7	1	1.4	381	0.63	<0.05	13.7	0.278	0.99	4.1
Q926411		34.4	93.6	0.003	0.01	3.03	11.1	<1	1.4	375	0.62	<0.05	12.2	0.272	0.99	3.3
Q926412		32.7	103.0	0.002	0.04	3.04	11.2	<1	1.6	368	0.65	<0.05	12.5	0.271	1.10	4.6
Q926413		48.8	154.5	0.002	0.30	26.2	11.4	1	3.1	185.5	0.63	0.10	14.2	0.263	2.05	4.9
Q926414		30.1	116.0	0.003	0.07	14.65	12.3	1	1.9	182.0	0.71	<0.05	14.8	0.283	1.30	3.5
Q926415		30.9	145.5	0.003	0.15	8.93	10.5	<1	1.5	184.0	0.64	<0.05	13.0	0.260	1.91	4.8
Q926416		125.0	144.0	0.003	0.74	23.2	9.2	1	1.8	197.0	0.59	<0.05	11.3	0.244	2.21	6.6
Q926417		25.2	76.6	0.003	0.13	20.4	5.5	1	1.3	301	0.76	<0.05	10.0	0.253	1.82	6.5
Q926418		29.7	73.4	0.003	0.14	16.90	5.8	1	1.3	232	0.81	<0.05	10.0	0.269	2.16	8.0
Q926419		146.5	201	0.004	2.27	26.3	9.7	<1	2.3	101.0	0.59	<0.05	10.7	0.231	2.41	9.8
Q926420		1.7	1.7	0.003	0.02	0.10	0.2	<1	<0.2	48.2	<0.05	<0.05	0.2	<0.005	0.02	2.5
Q926421		135.5	179.0	0.003	0.76	19.20	10.4	<1	1.9	120.0	0.68	<0.05	14.5	0.246	2.48	6.5
Q926422		27.0	191.0	0.003	0.28	28.4	11.3	<1	2.1	102.5	0.74	0.06	13.3	0.271	2.63	5.7
Q926423		25.3	186.0	0.003	0.33	18.05	10.4	<1	2.5	93.1	0.62	<0.05	12.0	0.264	2.36	7.0
Q926424		350	133.0	0.003	0.44	33.2	7.2	1	1.4	1010	0.70	<0.05	8.9	0.336	2.49	7.0
Q926425		471	156.0	0.005	2.69	27.5	8.7	1	5.3	106.5	0.50	0.30	10.2	0.203	2.32	5.0
Q926426		128.5	184.5	0.003	0.56	24.5	6.8	<1	1.4	734	0.69	<0.05	9.0	0.303	3.48	4.5
Q926427		2460	150.5	0.003	1.74	28.2	12.6	<1	3.0	199.0	0.71	0.06	11.4	0.282	2.78	6.7
Q926428		4.0	1.6	0.002	<0.01	0.12	0.2	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.03	0.8
Q926429		81.3	122.5	0.002	0.05	9.53	11.2	1	1.5	196.0	0.67	<0.05	13.0	0.268	1.53	4.1
Q926430		1220	168.0	0.003	2.97	31.9	9.8	<1	5.8	105.5	0.55	<0.05	11.7	0.236	2.41	23.0
Q926431		50.3	167.0	0.002	0.35	15.25	11.0	1	3.6	163.5	0.66	<0.05	13.3	0.257	2.40	6.8
Q926432		1180	151.5	0.002	4.96	77.0	7.3	1	2.9	84.0	0.44	0.12	7.0	0.176	2.08	5.8
Q926433		1320	161.0	0.002	4.77	63.4	8.8	1	7.6	93.5	0.52	0.95	10.3	0.216	2.43	5.1
Q926434		193.5	134.5	0.003	1.03	18.75	8.9	<1	2.7	196.0	0.55	<0.05	10.1	0.205	1.79	7.6
Q926435		28.3	109.0	0.003	0.06	12.95	13.9	<1	1.8	187.5	0.65	<0.05	12.8	0.308	1.20	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116729

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926400		76	1.3	13.4	62	34.2
Q926401		53	2.5	13.9	2140	26.6
Q926402		68	3.1	11.4	55	33.4
Q926403		30	1.3	9.8	44	46.0
Q926404		74	3.3	15.0	453	31.7
Q926405		75	3.2	13.9	486	28.6
Q926406		74	2.7	12.9	173	39.4
Q926407		74	4.8	20.8	225	25.0
Q926408		72	2.4	14.8	133	29.3
Q926409		73	2.4	14.1	127	28.6
Q926410		77	1.0	17.4	87	30.2
Q926411		75	1.0	15.4	87	30.3
Q926412		75	1.3	16.5	80	29.4
Q926413		74	3.7	16.2	112	29.2
Q926414		76	2.7	17.2	101	32.4
Q926415		73	2.5	14.7	84	30.0
Q926416		70	3.1	15.2	324	32.3
Q926417		49	2.6	13.2	84	79.0
Q926418		51	4.4	13.4	115	84.7
Q926419		69	2.7	13.5	408	31.6
Q926420		2	0.1	0.9	14	0.7
Q926421		69	2.4	15.5	263	32.0
Q926422		77	2.5	15.1	99	36.0
Q926423		73	3.2	14.9	114	32.2
Q926424		68	6.5	14.1	323	133.0
Q926425		65	5.2	11.6	855	28.8
Q926426		61	8.6	14.9	192	128.5
Q926427		83	5.9	15.7	2310	41.7
Q926428		1	0.1	0.9	16	0.8
Q926429		76	1.9	16.2	195	35.5
Q926430		68	6.5	14.6	6140	34.9
Q926431		75	4.7	16.5	348	35.0
Q926432		54	3.8	10.4	1600	22.9
Q926433		63	5.8	11.4	2400	28.3
Q926434		62	2.8	14.3	345	29.7
Q926435		93	3.9	17.5	142	36.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14116729

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

CERTIFICATE WH14117462

Project: KLAZA

P.O. No.: BATCH 118

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117462

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934051		1.49	0.019	0.72	8.56	127.0	1410	1.56	1.10	0.27	2.19	57.0	62.7	11	20.7	42.3
Q934052		0.26	0.339	4.53	7.03	741	560	1.35	3.34	2.13	10.55	48.2	12.4	28	13.75	319
Q934053		1.85	1.655	3.42	4.65	4930	740	1.26	0.57	5.70	14.00	31.8	6.0	7	14.70	27.1
Q934054		2.23	0.042	1.10	7.19	73.7	1220	1.44	0.48	3.23	5.41	54.7	9.0	10	19.75	41.9
Q934055		1.29	0.104	0.73	7.43	49.0	1310	1.57	0.50	2.54	2.71	56.4	8.6	8	24.9	27.5
Q934056		0.88	0.008	0.34	7.18	40.7	530	1.50	0.76	2.00	0.74	48.8	11.3	8	22.5	12.6
Q934057		4.40	<0.005	0.20	7.59	27.3	1410	1.39	0.50	2.83	0.20	45.0	7.8	9	20.1	11.1
Q934058		6.27	<0.005	0.19	7.73	18.1	2430	1.58	0.52	2.21	1.49	49.4	11.8	10	24.5	21.8
Q934059		1.78	0.073	1.45	7.11	881	1080	1.57	2.15	2.37	5.09	51.7	8.1	10	18.15	38.9
Q934060		5.25	<0.005	0.12	6.90	15.1	1760	1.47	0.43	2.81	1.27	39.8	7.0	10	31.6	21.7
Q934061		1.27	0.008	0.53	7.82	101.5	1030	1.65	1.56	2.37	18.85	54.2	9.5	10	31.2	233
Q934062		1.18	<0.005	0.40	3.82	14.6	660	0.85	0.15	15.10	35.8	36.8	4.2	6	1.91	97.7
Q934063		4.66	<0.005	0.01	0.07	1.3	20	<0.05	<0.01	20.2	0.10	1.35	0.6	2	0.12	2.9
Q934064		6.52	<0.005	0.28	7.09	18.0	2960	1.37	0.19	3.63	13.20	65.5	4.8	13	20.2	72.2
Q934065		7.66	<0.005	0.29	6.99	21.0	1200	2.06	0.17	3.21	6.92	70.0	5.9	11	32.8	7.1
Q934066		6.18	<0.005	0.13	7.30	17.0	1440	2.26	0.14	2.62	0.58	67.4	7.0	15	27.8	10.4
Q934067		3.30	0.016	2.81	7.40	138.0	1550	1.68	0.41	2.60	6.89	53.2	6.6	7	19.20	105.0
Q934068		7.48	0.056	1.47	7.48	256	2000	1.55	0.65	2.44	3.98	50.9	8.4	9	12.10	29.2
Q934069		6.51	0.006	0.86	7.47	46.7	1890	1.70	0.57	2.22	3.04	53.0	15.2	8	13.40	63.6
Q934070		1.69	<0.005	1.88	6.47	25.0	2500	1.68	0.24	3.70	2.01	38.0	9.6	8	26.9	39.5
Q934071		3.50	0.005	1.71	7.29	52.1	1680	1.47	0.30	2.54	4.93	52.0	10.9	9	15.00	40.6
Q934072		0.84	0.099	67.0	6.20	266	310	1.35	0.33	1.72	31.2	56.4	8.9	5	15.20	30.3
Q934073		0.51	0.216	2.74	6.93	67.8	350	1.52	1.60	3.10	10.20	68.6	32.5	8	13.10	28.0
Q934074		3.39	<0.005	0.02	0.06	<0.2	30	0.05	0.03	20.3	0.08	1.09	0.7	<1	0.13	1.5
Q934075		0.85	<0.005	0.18	6.45	15.5	1520	1.36	0.19	2.14	0.25	29.1	6.5	6	23.1	8.7
Q934076		1.53	0.023	0.95	6.74	58.9	1190	1.39	0.24	3.38	1.81	42.0	6.2	6	24.0	11.4
Q934077		1.82	0.027	1.55	6.14	71.8	2170	1.48	0.39	5.76	6.58	44.7	6.8	4	23.7	28.2
Q934078		4.59	<0.005	3.06	7.83	85.9	2280	1.60	0.47	2.69	4.36	58.2	8.0	8	16.75	23.1
Q934079		4.96	<0.005	0.67	7.16	46.4	1960	1.41	0.52	2.49	3.78	54.4	7.9	7	18.15	47.8
Q934080		0.26	0.863	11.30	6.50	1535	230	1.25	11.60	1.91	31.4	46.6	17.1	16	13.10	293
Q934081		2.71	0.010	0.97	7.23	112.0	1000	1.44	0.78	2.05	14.70	56.4	17.7	6	16.55	103.5
Q934082		1.13	0.210	4.76	5.53	559	90	0.93	3.50	0.51	45.2	40.4	68.2	4	6.60	131.5
Q934083		6.36	0.018	1.25	7.16	31.8	2370	1.26	0.47	4.27	10.35	70.4	4.8	10	10.30	17.5
Q934084		6.29	0.007	0.85	7.51	39.4	1750	1.36	0.27	3.43	6.94	74.6	5.6	11	9.75	20.1
Q934085		<0.02	0.010	0.86	7.55	40.4	1780	1.21	0.27	3.50	8.24	72.8	5.3	12	9.40	23.3
Q934086		1.58	0.153	3.50	7.02	659	1920	1.85	1.46	3.36	18.95	52.8	8.7	5	34.2	44.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117462

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934051		7.24	16.00	<0.05	1.0	0.268	3.80	31.7	19.5	0.37	2460	0.90	0.10	7.7	3.3	730
Q934052		5.26	15.25	<0.05	1.1	0.332	3.09	27.9	24.0	0.82	1970	13.25	0.16	6.1	14.3	540
Q934053		5.18	9.78	<0.05	0.7	0.345	1.97	17.5	22.3	2.00	6540	0.83	0.02	4.5	2.1	340
Q934054		3.83	15.40	0.05	1.1	0.144	2.84	30.5	36.1	1.18	1520	0.65	0.06	8.0	3.2	600
Q934055		3.50	16.55	0.08	1.0	0.115	2.94	30.7	52.8	0.98	1340	0.63	0.08	8.3	2.9	590
Q934056		3.02	15.50	0.06	1.0	0.074	2.05	25.5	78.0	0.80	949	0.56	0.04	8.1	2.4	590
Q934057		2.74	16.40	0.10	1.1	0.064	2.91	22.5	63.0	0.94	831	0.66	0.07	8.6	2.6	650
Q934058		3.16	17.40	0.09	1.1	0.072	2.99	25.2	35.0	0.68	802	0.58	0.62	9.0	4.4	650
Q934059		3.55	15.00	0.08	1.0	0.117	2.97	28.7	24.0	1.01	1680	0.62	0.05	7.5	3.1	570
Q934060		2.94	15.50	0.10	1.0	0.050	2.82	19.5	29.5	0.75	746	0.49	1.00	8.1	2.5	590
Q934061		2.92	16.60	0.09	1.1	0.133	2.99	29.2	51.9	0.80	1500	1.04	0.16	8.6	2.7	630
Q934062		4.74	6.44	<0.05	1.0	0.024	0.24	20.7	74.6	6.07	3510	0.87	0.02	5.3	0.9	410
Q934063		0.47	0.22	0.12	<0.1	0.005	0.02	0.7	0.8	12.70	200	0.11	<0.01	0.2	1.4	170
Q934064		2.51	16.35	0.18	2.4	0.050	1.66	34.1	77.1	1.11	790	1.23	0.06	10.9	2.6	870
Q934065		2.41	17.75	0.24	2.7	0.087	2.58	34.2	67.3	0.87	688	1.25	0.08	11.7	3.0	880
Q934066		2.64	18.75	0.22	3.6	0.039	3.00	34.1	33.2	1.03	920	1.01	0.04	10.3	6.0	1120
Q934067		3.26	16.75	0.18	1.3	0.145	3.30	26.7	27.6	0.77	1580	0.61	0.55	8.5	2.6	640
Q934068		3.29	16.65	0.18	1.1	0.116	3.10	25.5	13.3	0.87	1100	0.69	1.47	8.2	2.9	590
Q934069		3.47	16.50	0.15	1.2	0.186	3.24	27.0	16.9	0.79	1540	0.79	1.21	8.0	2.8	620
Q934070		3.13	15.45	0.15	1.0	0.072	2.81	17.8	11.4	1.03	978	0.62	1.61	7.8	2.8	580
Q934071		3.09	16.20	0.16	1.1	0.133	2.88	25.9	27.3	0.84	1390	0.54	0.17	8.0	2.6	640
Q934072		7.13	14.35	0.13	0.9	0.319	2.84	29.6	13.2	1.07	6050	0.58	0.03	5.8	3.1	490
Q934073		5.23	15.05	0.14	0.9	0.175	3.05	37.7	12.0	1.16	2870	0.98	0.49	6.5	4.0	560
Q934074		0.46	0.17	0.14	<0.1	0.009	0.02	0.5	1.0	12.60	195	0.10	<0.01	0.1	1.3	190
Q934075		2.36	14.55	0.16	1.0	0.041	2.20	12.9	60.2	0.37	876	0.34	0.16	7.6	2.1	530
Q934076		3.20	14.65	0.15	0.9	0.106	2.73	21.5	22.2	1.06	2110	1.08	0.53	6.7	2.9	540
Q934077		3.55	12.80	0.14	0.8	0.137	2.43	23.8	21.4	1.88	3470	0.60	0.04	6.1	2.2	470
Q934078		3.36	16.60	0.15	1.1	0.150	3.15	30.2	8.9	0.83	1180	0.83	1.80	7.8	2.8	640
Q934079		3.45	16.40	0.12	1.1	0.199	3.31	27.3	16.2	0.80	1360	1.43	1.26	7.7	3.0	590
Q934080		6.70	15.25	0.07	1.0	0.766	2.99	21.5	20.0	0.80	1790	9.04	0.13	6.1	11.9	520
Q934081		5.00	17.85	0.14	1.1	0.339	3.12	28.6	24.5	0.99	3180	17.85	0.18	7.8	2.9	610
Q934082		7.97	13.05	0.05	0.8	0.748	2.66	20.0	9.8	0.34	1660	2.37	0.02	5.4	3.5	380
Q934083		2.79	16.55	0.10	2.4	0.166	0.98	35.9	87.5	1.50	1040	2.28	0.04	10.3	2.5	850
Q934084		2.86	17.90	0.14	2.5	0.115	1.07	37.5	101.0	1.23	841	2.06	0.04	11.1	2.7	900
Q934085		2.93	17.90	0.10	2.5	0.118	1.07	36.6	101.5	1.24	857	2.00	0.04	10.9	2.9	920
Q934086		3.33	16.10	0.09	1.1	0.275	2.56	27.2	26.0	1.11	2470	3.66	0.04	7.4	3.2	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117462

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934051		48.3	207	<0.002	0.18	6.73	11.8	<1	2.3	39.9	0.67	0.08	16.2	0.250	3.18	8.7
Q934052		501	163.5	0.003	2.78	27.8	9.1	1	5.4	110.5	0.49	0.28	11.4	0.212	2.46	5.1
Q934053		1070	130.0	<0.002	1.81	44.4	6.2	<1	2.2	104.5	0.37	<0.05	8.2	0.146	2.03	5.7
Q934054		171.0	135.5	<0.002	0.70	10.30	10.5	<1	2.6	116.0	0.71	<0.05	14.9	0.248	2.22	7.0
Q934055		98.1	137.0	<0.002	0.39	12.50	11.3	<1	2.2	114.5	0.73	<0.05	16.0	0.253	2.15	7.3
Q934056		32.3	88.8	<0.002	0.30	10.90	10.5	<1	1.9	141.5	0.70	0.05	14.7	0.252	1.65	6.0
Q934057		16.8	92.1	<0.002	0.17	6.63	10.5	1	1.8	130.0	0.76	<0.05	13.0	0.269	1.82	4.2
Q934058		20.9	117.5	<0.002	0.16	8.36	11.7	<1	2.0	180.5	0.76	<0.05	14.5	0.274	1.54	4.4
Q934059		173.0	149.0	<0.002	0.73	13.20	10.3	<1	3.2	76.6	0.65	0.09	14.0	0.243	2.22	6.8
Q934060		18.2	102.0	<0.002	0.08	4.41	9.9	<1	1.6	230	0.69	<0.05	11.5	0.260	1.61	3.7
Q934061		96.2	130.0	<0.002	0.23	21.5	11.4	<1	2.1	115.0	0.75	<0.05	15.4	0.267	2.18	7.3
Q934062		33.0	9.7	<0.002	0.06	3.19	2.5	<1	0.7	368	0.35	<0.05	5.0	0.118	0.21	4.2
Q934063		1.5	0.8	<0.002	<0.01	<0.05	0.2	<1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q934064		52.6	57.8	<0.002	0.09	5.17	5.5	<1	1.3	345	0.73	<0.05	10.0	0.257	1.25	5.5
Q934065		49.0	100.0	<0.002	0.04	5.49	6.2	1	1.4	293	0.80	<0.05	10.9	0.250	2.00	5.5
Q934066		13.3	168.0	<0.002	0.18	9.80	7.3	1	1.4	181.5	0.70	<0.05	10.7	0.290	4.44	7.8
Q934067		417	178.0	<0.002	0.31	10.95	11.4	1	2.9	208	0.73	<0.05	15.4	0.258	2.79	5.5
Q934068		268	159.5	<0.002	0.43	5.28	11.1	1	2.8	299	0.71	<0.05	15.1	0.255	2.00	5.0
Q934069		158.0	162.5	<0.002	0.34	4.89	11.2	2	2.7	254	0.68	<0.05	14.6	0.258	2.27	5.4
Q934070		282	108.0	<0.002	0.15	3.44	10.3	1	2.0	374	0.61	<0.05	11.2	0.248	1.59	4.3
Q934071		234	135.0	<0.002	0.24	9.84	11.1	1	2.4	145.0	0.66	<0.05	14.4	0.260	2.05	5.3
Q934072		851	181.0	<0.002	1.72	15.80	8.8	1	4.4	81.7	0.51	<0.05	12.5	0.181	3.04	4.4
Q934073		409	163.5	<0.002	1.85	5.99	9.6	1	3.4	178.5	0.48	0.57	13.4	0.222	2.29	4.3
Q934074		2.2	1.1	<0.002	<0.01	0.09	0.1	1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q934075		17.4	78.9	<0.002	0.10	24.0	8.3	1	2.9	99.2	0.65	<0.05	8.8	0.237	1.43	3.2
Q934076		104.5	160.0	<0.002	0.49	6.01	9.5	1	3.7	131.0	0.54	<0.05	11.0	0.225	2.36	3.9
Q934077		267	133.5	<0.002	0.56	16.05	8.5	1	1.7	162.5	0.47	<0.05	10.6	0.201	2.60	4.0
Q934078		229	145.5	0.002	0.14	5.95	11.3	1	2.9	333	0.66	<0.05	15.2	0.268	1.85	3.0
Q934079		170.0	162.5	<0.002	0.19	4.96	10.6	1	4.5	236	0.67	<0.05	14.5	0.255	2.19	3.3
Q934080		1295	162.5	0.003	4.75	63.8	9.1	1	7.9	94.4	0.53	1.35	10.5	0.212	2.63	5.2
Q934081		208	173.0	<0.002	0.47	11.00	11.3	1	6.3	89.7	0.63	0.09	12.9	0.252	2.35	6.4
Q934082		548	142.5	<0.002	7.48	16.90	7.6	2	7.2	19.8	0.49	1.80	9.2	0.179	2.17	4.2
Q934083		323	39.4	<0.002	0.18	7.05	5.5	1	1.5	402	0.70	<0.05	10.1	0.250	0.86	5.5
Q934084		120.5	44.2	<0.002	0.16	4.97	5.9	1	1.7	311	0.73	<0.05	10.7	0.269	0.94	5.9
Q934085		139.5	39.9	<0.002	0.17	4.84	5.8	1	1.7	320	0.72	<0.05	10.9	0.270	0.93	6.0
Q934086		478	140.5	<0.002	1.18	17.05	9.8	1	4.3	196.5	0.60	0.10	12.5	0.257	2.52	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117462

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934051		62	7.4	16.3	487	23.9
Q934052		69	5.3	11.8	900	30.6
Q934053		47	4.3	12.9	1040	16.3
Q934054		70	4.0	17.5	665	24.7
Q934055		73	3.7	17.8	352	25.5
Q934056		69	3.6	15.8	172	24.5
Q934057		75	5.9	15.9	79	26.8
Q934058		75	8.0	17.9	185	28.1
Q934059		67	4.7	16.0	520	24.0
Q934060		71	2.6	15.3	144	25.3
Q934061		73	5.6	17.2	1900	28.1
Q934062		23	4.0	12.2	2050	39.8
Q934063		2	0.1	0.8	17	<0.5
Q934064		49	2.0	12.2	688	81.5
Q934065		49	1.5	12.5	588	87.6
Q934066		63	1.8	13.6	167	136.0
Q934067		73	2.4	15.9	712	31.8
Q934068		71	1.5	15.4	443	26.5
Q934069		73	4.2	16.0	325	27.3
Q934070		72	1.3	14.8	181	26.3
Q934071		70	3.5	14.1	502	26.3
Q934072		55	4.7	9.1	2850	21.3
Q934073		64	3.2	14.8	789	22.1
Q934074		1	0.1	0.7	14	<0.5
Q934075		66	5.8	10.9	50	24.4
Q934076		63	2.9	14.2	221	21.7
Q934077		58	4.7	14.4	693	20.4
Q934078		75	1.3	17.2	420	26.0
Q934079		69	2.2	15.3	520	26.9
Q934080		62	5.8	10.6	2330	27.2
Q934081		70	4.3	14.7	1340	24.7
Q934082		55	5.4	7.4	1670	17.8
Q934083		48	5.4	12.8	676	81.7
Q934084		51	2.9	12.7	537	87.3
Q934085		52	2.9	12.6	623	85.8
Q934086		69	5.2	13.1	1450	27.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117462

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

CERTIFICATE WH14117463

Project: KLAZA

P.O. No.: BATCH 120

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117463

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926509		1.28	<0.005	0.47	6.71	148.5	3510	1.52	0.12	2.28	1.48	45.2	6.6	9	16.80	8.3
Q926510		0.71	0.204	7.98	3.50	1040	90	0.70	7.86	3.20	9.77	35.5	17.9	5	6.05	27.0
Q926511		1.51	0.019	1.05	6.43	174.5	1010	1.29	0.34	3.53	1.15	43.5	7.2	14	15.90	16.3
Q926512		8.36	<0.005	0.17	7.61	8.6	1810	1.48	0.12	2.54	0.21	55.6	7.9	9	16.95	12.1
Q926513		1.40	<0.005	0.28	7.06	63.3	1190	1.34	0.13	3.90	0.35	47.5	7.0	8	21.1	12.4
Q926514		8.09	<0.005	0.12	7.79	11.6	1930	1.52	0.11	2.59	0.13	54.2	8.7	10	23.5	9.8
Q926515		0.30	0.889	10.60	6.50	1560	150	1.31	11.65	1.88	33.4	44.3	17.6	19	13.60	279
Q926516		1.82	0.014	0.82	6.86	146.5	2760	1.42	0.15	3.52	4.97	43.6	7.5	8	23.4	30.6
Q926517		2.63	<0.005	0.09	8.20	5.1	1800	1.52	0.11	1.53	0.17	48.9	7.2	8	13.65	9.5
Q926518		3.72	0.005	0.33	7.28	61.5	1390	1.47	0.19	3.76	0.53	49.6	8.5	9	20.9	19.5
Q926519		6.14	0.005	0.20	7.25	22.3	1110	1.40	0.74	2.57	0.10	49.1	8.8	9	13.55	2.6
Q926520		3.54	0.005	0.21	7.08	26.0	1130	1.62	0.30	3.74	0.21	46.8	10.8	7	18.70	5.5
Q926521		6.58	<0.005	0.05	7.28	55.2	1240	1.33	0.32	2.00	0.09	47.9	11.0	11	21.5	2.4
Q926522		2.76	<0.005	<0.01	0.09	<0.2	40	0.08	0.03	21.5	0.06	1.27	0.6	1	0.25	1.0
Q926523		7.06	0.007	0.07	7.56	14.4	2250	1.38	0.34	3.18	0.09	50.3	9.3	8	10.95	2.0
Q926524		6.07	0.005	0.22	7.40	16.3	1920	1.23	0.54	2.55	0.08	52.3	8.5	8	10.75	7.6
Q926525		<0.02	0.006	0.20	7.26	16.6	1810	1.33	0.57	2.51	0.05	50.4	8.3	8	10.65	7.3
Q926526		1.60	0.023	0.64	4.84	35.4	1460	1.44	1.97	5.02	0.12	35.7	6.8	5	20.2	14.4
Q926527		2.72	<0.005	0.12	7.26	15.3	1120	1.40	0.30	2.10	0.08	48.3	7.1	8	21.3	6.6
Q926528		4.27	<0.005	0.04	7.29	19.2	1550	1.40	0.21	2.44	0.10	47.4	8.3	9	17.40	1.7
Q926529		2.11	<0.005	0.04	7.16	16.9	1540	1.31	0.11	2.63	0.10	47.0	8.4	8	16.45	2.7
Q926530		4.41	<0.005	0.03	7.21	24.6	1540	1.33	0.17	3.78	0.08	48.3	7.7	8	17.35	1.5
Q926531		9.57	<0.005	0.05	7.37	8.1	1580	1.42	0.14	4.38	0.07	54.7	8.8	8	13.70	2.2
Q926532		8.18	<0.005	0.12	7.19	21.3	1090	1.47	0.16	3.43	0.17	48.6	7.0	8	26.1	5.2
Q926533		3.10	0.054	1.59	6.17	118.0	1190	2.26	1.73	2.57	1.75	42.8	14.1	8	102.0	18.0
Q926534		0.29	1.645	39.3	5.82	2540	150	1.16	34.6	1.72	49.0	37.8	17.6	22	10.70	1220
Q926535		3.13	0.119	11.50	3.26	321	60	0.89	10.90	6.03	9.23	32.2	20.4	5	9.31	214
Q926536		9.96	0.010	0.46	7.23	34.3	1320	1.22	0.59	2.60	0.23	50.4	7.3	9	13.15	22.6
Q926537		4.74	0.071	0.62	7.21	255	1160	1.16	0.48	3.02	0.61	45.6	15.5	8	10.15	11.0
Q926538		3.62	<0.005	0.01	0.09	<0.2	20	0.07	0.02	20.4	0.06	1.37	0.7	1	0.20	1.5
Q926539		5.95	<0.005	0.13	7.67	8.5	3940	1.18	0.42	1.68	0.13	46.7	10.3	10	11.00	1.2
Q926540		8.21	0.006	0.47	7.20	21.7	6520	1.32	1.22	1.94	0.25	46.9	12.9	8	9.21	1.4
Q926541		7.77	0.014	0.60	7.16	117.5	1270	1.31	0.77	2.31	8.65	47.6	6.0	9	9.01	9.6
Q926542		6.63	<0.005	0.24	7.15	39.6	1640	1.35	0.39	2.36	0.13	47.4	7.1	8	9.92	14.6
Q926543		5.51	<0.005	0.05	6.94	7.9	1680	1.47	0.18	2.22	0.05	43.6	5.1	8	10.40	2.6
Q926439		2.15	0.467	4.29	5.49	172.5	1040	1.48	12.40	4.95	1.70	41.6	12.1	6	14.65	557

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117463

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926509		3.47	13.70	0.15	0.9	0.103	2.74	23.1	51.9	0.90	2740	0.65	0.04	6.8	2.9	590
Q926510		12.80	8.01	0.10	0.4	1.625	1.60	16.7	14.5	1.16	19150	0.76	0.02	3.2	2.7	270
Q926511		3.66	13.65	0.14	0.9	0.139	2.86	22.0	30.5	1.07	4060	1.21	0.03	6.1	3.5	540
Q926512		3.43	15.65	0.13	1.2	0.073	2.88	28.7	19.8	0.84	1300	0.97	1.22	7.6	2.9	640
Q926513		3.21	14.55	0.15	1.0	0.089	3.20	24.9	61.0	0.91	2670	1.01	0.10	6.7	2.5	590
Q926514		3.25	16.20	0.16	1.2	0.045	2.80	26.4	35.2	0.82	755	0.98	1.08	8.1	2.9	720
Q926515		6.49	14.20	0.13	1.1	0.834	2.84	22.2	18.3	0.76	1760	8.40	0.12	6.0	12.2	530
Q926516		2.84	13.30	0.14	1.0	0.083	2.78	22.9	40.1	1.18	2000	0.55	0.05	6.5	2.6	540
Q926517		3.09	16.15	0.14	1.2	0.046	2.70	24.0	24.9	0.60	846	0.67	0.55	8.1	2.9	680
Q926518		3.36	15.30	0.12	1.1	0.084	2.78	24.7	19.7	1.10	3120	0.77	0.66	7.4	2.9	620
Q926519		3.35	14.95	0.12	1.0	0.096	2.57	24.8	23.2	0.76	1480	0.28	0.87	7.0	2.6	630
Q926520		2.82	15.60	0.14	1.1	0.048	2.90	25.4	18.1	1.16	1870	0.27	0.30	6.1	2.9	520
Q926521		2.61	14.85	0.14	1.1	0.054	2.14	23.8	131.0	0.74	670	0.16	0.04	7.3	4.7	630
Q926522		0.47	0.31	0.27	<0.1	0.006	0.03	0.6	1.5	13.35	200	0.20	0.01	0.1	1.4	180
Q926523		4.08	14.95	0.20	1.3	0.075	2.31	26.0	64.8	1.12	1160	0.16	0.50	7.8	2.7	690
Q926524		3.79	14.60	0.13	1.1	0.099	2.45	27.1	97.0	1.01	1290	0.29	0.17	7.3	2.8	630
Q926525		3.76	14.60	0.14	1.1	0.095	2.43	26.6	98.6	0.98	1300	0.27	0.16	7.1	2.8	630
Q926526		4.10	10.00	0.09	0.8	0.148	2.17	18.9	39.4	1.45	1760	1.11	0.03	4.2	2.3	370
Q926527		2.88	15.60	0.14	1.0	0.065	3.08	24.9	141.5	0.90	948	0.14	0.04	6.9	2.6	610
Q926528		3.00	15.55	0.15	1.0	0.044	2.90	23.9	98.2	0.89	764	0.24	0.04	7.2	2.6	630
Q926529		2.96	15.40	0.14	1.0	0.043	2.88	23.2	95.2	0.85	764	0.14	0.04	7.0	2.5	640
Q926530		3.04	14.95	0.15	0.9	0.039	2.61	25.0	69.1	0.99	874	0.10	0.05	7.1	2.5	610
Q926531		3.24	16.00	0.16	1.0	0.055	2.87	28.7	44.1	0.90	1060	0.13	0.22	7.3	3.0	650
Q926532		2.90	14.55	0.15	1.0	0.073	2.67	25.3	148.0	0.99	1210	0.12	0.05	6.6	2.5	590
Q926533		3.31	12.25	0.12	1.0	0.113	2.05	22.0	62.4	0.95	1980	0.62	0.03	6.1	3.5	480
Q926534		9.14	14.00	0.11	0.8	1.715	2.66	18.8	15.7	0.70	2280	16.70	0.06	4.6	15.5	460
Q926535		6.65	7.04	0.08	0.5	0.258	1.51	15.3	17.1	1.71	5420	1.38	0.02	2.8	3.4	240
Q926536		3.62	14.50	0.11	1.1	0.108	2.85	26.4	94.2	1.01	2290	0.16	0.04	6.9	2.7	610
Q926537		4.38	13.95	0.11	1.1	0.077	2.73	23.7	42.1	1.08	3970	0.22	0.04	6.4	2.6	580
Q926538		0.46	0.28	0.18	<0.1	0.005	0.04	0.7	1.6	12.75	192	0.05	0.01	0.2	1.5	210
Q926539		3.43	14.40	0.16	1.2	0.047	2.32	22.7	50.2	0.73	1300	0.12	0.05	7.5	2.9	670
Q926540		3.22	15.55	0.14	1.1	0.072	2.97	23.5	24.2	0.85	1570	0.21	0.04	7.0	2.9	630
Q926541		3.62	15.25	0.17	1.0	0.180	3.48	24.6	48.6	0.95	3020	0.13	0.03	6.3	2.7	570
Q926542		3.49	14.70	0.13	1.0	0.082	2.86	24.1	78.9	0.78	2050	0.19	0.04	6.8	2.6	610
Q926543		3.27	16.40	0.17	1.2	0.067	3.06	21.1	57.4	0.72	1310	0.17	0.07	8.0	2.7	640
Q926439		3.87	12.20	0.16	1.1	0.148	2.45	22.9	22.5	1.50	2020	0.48	0.04	5.7	3.0	430

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117463

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926509		107.0	149.5	<0.002	0.43	18.35	10.7	<1	1.6	139.5	0.54	<0.05	11.4	0.252	1.98	6.1
Q926510		1050	92.5	0.002	3.53	30.9	5.9	<1	2.0	77.1	0.23	0.11	5.5	0.117	1.27	5.6
Q926511		106.0	167.0	<0.002	0.64	18.30	9.7	<1	1.7	126.0	0.48	<0.05	10.5	0.224	2.32	5.2
Q926512		25.4	134.5	<0.002	0.10	6.47	12.3	1	1.5	304	0.59	<0.05	16.1	0.276	1.42	5.3
Q926513		29.6	153.5	<0.002	0.21	10.60	10.1	<1	1.5	199.5	0.50	<0.05	12.6	0.244	2.13	4.5
Q926514		19.7	114.0	<0.002	0.04	7.52	12.9	1	1.6	305	0.66	<0.05	15.4	0.295	1.25	5.2
Q926515		1270	154.0	<0.002	4.58	59.4	9.1	1	7.3	93.6	0.50	1.00	11.0	0.202	2.34	5.6
Q926516		31.3	145.0	<0.002	0.50	14.25	9.5	1	1.3	178.0	0.58	<0.05	12.2	0.233	2.34	5.2
Q926517		20.7	115.5	<0.002	0.06	11.55	11.4	<1	1.7	180.0	0.74	<0.05	13.8	0.287	1.21	4.4
Q926518		32.8	134.5	<0.002	0.36	10.80	11.4	1	1.5	238	0.68	<0.05	13.2	0.261	2.01	5.6
Q926519		14.9	123.0	<0.002	0.24	5.30	11.0	<1	2.0	120.5	0.60	<0.05	13.1	0.256	1.76	3.5
Q926520		65.6	134.5	<0.002	0.45	9.51	8.6	<1	1.5	130.5	0.54	<0.05	13.6	0.210	2.05	8.7
Q926521		14.5	95.0	<0.002	0.30	15.80	10.9	<1	1.5	128.0	0.58	<0.05	12.5	0.263	2.92	19.8
Q926522		1.5	1.4	<0.002	<0.01	0.14	0.2	<1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q926523		12.3	102.5	<0.002	0.39	9.02	11.7	<1	1.6	189.5	0.72	<0.05	13.6	0.285	1.63	7.0
Q926524		11.8	114.0	<0.002	0.41	10.15	11.4	1	1.6	129.0	0.61	<0.05	12.7	0.263	1.60	4.2
Q926525		10.8	111.5	<0.002	0.41	10.30	11.3	<1	1.6	126.5	0.60	<0.05	12.9	0.261	1.68	4.4
Q926526		19.3	112.5	<0.002	0.64	20.5	7.1	<1	1.5	165.0	0.37	0.07	8.4	0.162	1.48	5.9
Q926527		8.9	148.5	<0.002	0.22	10.85	11.2	1	1.9	110.0	0.55	<0.05	12.3	0.256	2.69	7.8
Q926528		7.5	134.0	<0.002	0.14	12.40	11.7	<1	1.6	133.5	0.59	<0.05	12.4	0.270	2.56	3.7
Q926529		7.1	132.5	<0.002	0.10	12.40	11.6	<1	1.6	134.0	0.57	<0.05	12.6	0.273	2.24	3.4
Q926530		7.1	119.5	<0.002	0.12	10.80	11.3	<1	1.5	160.0	0.57	<0.05	12.5	0.265	2.05	3.6
Q926531		6.9	142.5	<0.002	0.05	4.87	11.7	1	1.8	167.0	0.61	<0.05	13.2	0.278	1.69	3.9
Q926532		12.1	142.0	<0.002	0.16	8.95	10.6	1	2.0	135.0	0.53	<0.05	12.6	0.250	1.78	4.2
Q926533		118.5	128.0	<0.002	1.03	29.8	9.3	1	2.0	152.0	0.51	0.05	11.5	0.223	1.48	5.9
Q926534		1665	147.5	<0.002	7.92	105.0	8.6	2	10.4	66.8	0.42	0.79	9.0	0.169	2.21	5.8
Q926535		497	88.2	<0.002	4.41	83.5	5.5	1	1.2	165.0	0.24	0.12	5.2	0.105	1.19	6.8
Q926536		26.4	161.0	<0.002	0.40	12.95	11.1	1	1.6	126.5	0.62	<0.05	13.0	0.266	2.08	5.0
Q926537		37.8	160.5	<0.002	1.25	16.85	10.4	<1	1.7	120.5	0.55	<0.05	13.0	0.254	1.98	4.0
Q926538		1.5	1.4	<0.002	0.01	0.11	0.2	<1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q926539		9.8	90.4	<0.002	0.18	17.10	11.5	<1	1.4	123.5	0.65	<0.05	13.3	0.290	1.36	3.3
Q926540		11.0	149.5	<0.002	0.30	18.55	11.3	<1	1.5	101.0	0.58	<0.05	12.8	0.267	1.77	5.9
Q926541		51.0	208	<0.002	0.66	10.50	10.0	<1	1.6	62.7	0.52	<0.05	11.5	0.244	2.25	4.9
Q926542		13.2	142.0	<0.002	0.28	12.25	10.7	1	1.3	132.0	0.56	<0.05	12.4	0.258	1.88	5.5
Q926543		10.7	122.0	<0.002	0.12	10.45	11.7	1	1.7	145.0	0.70	<0.05	11.7	0.284	1.93	2.4
Q926439		56.8	153.0	<0.002	0.65	171.0	8.8	1	1.2	156.5	0.47	0.05	10.9	0.185	2.18	7.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117463

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926509		76	2.7	14.4	145	21.5
Q926510		44	2.8	22.1	758	10.6
Q926511		67	3.5	16.5	125	20.4
Q926512		79	2.3	20.8	71	26.3
Q926513		72	2.8	19.4	93	23.7
Q926514		86	3.0	20.2	63	27.7
Q926515		62	5.5	11.5	2350	26.7
Q926516		67	3.5	15.8	600	22.2
Q926517		78	5.1	16.4	66	26.7
Q926518		78	2.8	18.9	89	25.5
Q926519		75	3.1	14.4	103	22.7
Q926520		72	1.6	14.2	54	27.9
Q926521		74	1.7	14.5	46	27.6
Q926522		2	0.1	0.9	15	<0.5
Q926523		81	3.6	14.3	76	30.3
Q926524		75	2.8	13.4	72	27.3
Q926525		73	2.9	13.2	70	26.2
Q926526		52	6.0	10.8	82	22.7
Q926527		78	1.9	12.5	62	24.4
Q926528		79	1.7	12.7	63	24.7
Q926529		79	1.6	12.9	61	24.1
Q926530		75	1.5	12.5	58	22.6
Q926531		80	1.6	13.7	62	26.0
Q926532		70	3.2	12.7	66	23.8
Q926533		63	6.3	13.0	212	25.5
Q926534		58	7.1	10.4	3380	21.5
Q926535		38	3.5	15.9	1180	13.6
Q926536		74	2.0	14.0	83	26.2
Q926537		70	3.6	13.7	134	25.6
Q926538		2	0.1	0.9	15	<0.5
Q926539		77	2.9	15.6	75	27.8
Q926540		85	2.3	15.3	75	26.6
Q926541		79	2.2	13.9	961	22.8
Q926542		74	1.7	13.6	69	25.1
Q926543		79	2.1	12.5	61	29.1
Q926439		62	2.2	15.8	196	28.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14117463

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

CERTIFICATE WH14118400

Project: Klaza

P.O. No.: Batch 114

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

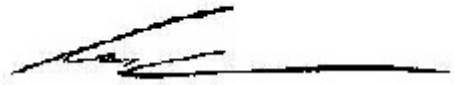
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118400

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q016953		0.96	2.95		69.0	3.62	9910	240	1.02	0.13	2.49	87.6	29.0	3.9	9	12.25
Q016954		3.58	0.504		25.3	6.23	3300	760	1.42	0.26	2.95	11.30	41.3	4.0	8	16.15
Q016955		0.27	1.685		39.5	5.84	2550	1270	1.12	34.8	1.71	45.4	36.8	16.5	22	10.00
Q016956		0.94	0.169		6.87	6.23	665	770	1.41	3.46	2.77	10.50	43.5	8.6	12	17.85
Q016957		5.46	2.84		25.3	5.37	321	270	1.01	36.1	2.89	90.4	35.9	7.2	8	18.10
Q016958		5.61	<0.005		0.01	0.05	1.2	40	0.05	0.02	20.8	0.08	1.01	0.8	<1	0.16
Q016959		8.22	0.042		0.84	7.00	89.8	2280	1.51	1.33	2.56	0.93	51.2	6.4	7	20.3
Q016960		2.30	0.050		1.10	8.02	63.0	1370	2.00	0.99	1.45	0.27	45.8	17.8	7	44.6
Q016961		6.48	0.008		0.21	6.84	12.0	2450	1.58	0.42	1.69	0.13	54.5	5.8	5	24.4
Q016962		7.29	0.013		2.39	7.15	35.6	3230	1.60	2.50	2.08	0.26	48.7	5.3	7	17.70
Q016963		<0.02	0.015		2.25	7.15	35.1	3130	1.47	2.24	2.01	0.25	51.5	5.1	8	17.30
Q016964		2.53	<0.005		0.15	7.92	22.6	1930	1.88	0.67	2.11	0.16	44.7	9.4	7	34.9
Q016965		9.20	0.005		0.14	7.19	25.9	1320	1.58	0.89	1.87	0.13	43.5	11.7	6	27.4
Q016966		6.80	<0.005		0.14	8.37	28.8	1850	1.84	0.93	2.24	0.20	46.7	14.6	7	26.6
Q016967		1.70	6.59		>100	4.20	1460	3990	0.92	60.9	2.00	>1000	26.6	15.1	3	12.80
Q016968		5.99	<0.005		0.03	0.07	<0.2	30	0.06	0.04	21.5	0.25	1.31	1.0	<1	0.17
Q016969		4.20	0.135		3.45	7.13	206	1090	1.71	2.97	2.27	6.99	50.9	11.2	7	23.7
Q016970		6.07	0.024		0.63	7.56	94.9	1810	1.51	1.12	2.12	0.92	49.5	10.9	7	17.05
Q016971		4.00	0.612		5.57	5.58	472	1050	1.15	4.20	2.41	11.50	33.4	24.3	6	14.50
Q016972		2.61	0.033		0.53	7.43	82.3	810	1.47	0.72	2.03	1.11	57.1	4.9	7	14.55
Q016973		2.95	0.093		7.32	6.29	269	910	1.39	4.48	2.03	3.23	43.5	12.4	5	19.75
Q016974		4.88	1.140		21.9	5.87	434	500	1.72	4.72	1.87	66.9	39.5	11.5	7	34.0
Q016975		5.57	0.010		0.51	7.07	33.1	3260	1.70	0.74	2.82	2.32	49.1	4.2	7	17.75
Q016976		0.16	>10.0	14.25	>100	4.62	164.0	910	0.46	2.04	2.11	883	21.2	65.1	48	1.41
Q016977		3.04	1.195		25.8	5.40	1610	990	1.09	8.47	2.38	24.6	41.9	7.3	5	13.25
Q016978		2.70	0.007		1.12	6.86	30.3	3080	1.40	0.48	2.69	0.29	44.3	3.8	6	14.45
Q016979		5.58	0.015		2.39	7.12	51.2	6170	1.55	0.56	2.56	0.34	46.7	3.8	9	14.65
Q016980		7.57	0.005		0.24	7.61	14.2	3300	1.37	0.85	3.08	0.14	52.4	4.5	9	14.30
Q016981		3.66	<0.005		0.33	7.02	17.7	7190	1.41	0.75	2.66	0.13	47.3	5.6	7	22.4
Q016982		<0.02	<0.005		0.31	7.15	20.7	7290	1.35	0.74	2.68	0.13	48.3	5.4	7	22.2
Q016983		4.78	<0.005		0.40	6.57	13.5	3320	1.33	0.96	2.30	0.08	48.7	6.8	10	13.05
Q016984		9.43	<0.005		0.26	6.42	10.0	4000	1.47	0.55	2.35	1.65	50.6	4.1	10	13.50
Q016985		3.50	0.088		1.00	5.80	138.0	240	1.44	0.49	3.72	0.49	42.8	2.5	6	13.60
Q016986		5.04	0.025		0.43	6.49	61.2	690	1.51	0.59	2.83	0.20	51.0	4.5	8	23.3
Q016987		3.20	0.005		0.32	6.85	10.5	3360	1.36	0.96	1.59	0.16	48.4	7.6	7	16.45
Q016988		5.90	0.005		0.14	6.62	9.2	1660	1.26	0.45	1.48	0.10	46.1	8.0	8	12.05

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118400

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q016953		34.6	4.58	9.18	0.09	0.6	0.058	1.51	15.0	32.8	0.80	8160	1.84	0.02	3.4	2.3
Q016954		114.5	3.66	13.35	0.09	1.1	0.166	2.71	22.2	29.2	1.02	2930	3.85	0.02	6.4	2.7
Q016955		1180	9.09	13.90	0.12	0.9	1.555	2.63	19.1	12.9	0.70	2260	17.60	0.06	4.7	14.0
Q016956		140.0	3.45	14.30	0.10	0.9	0.311	2.40	23.1	32.0	1.03	1900	24.7	0.02	6.2	3.5
Q016957		435	5.17	12.05	0.10	0.9	4.58	2.43	17.6	16.5	0.95	4860	6.14	0.02	5.2	3.1
Q016958		1.9	0.45	0.32	0.29	<0.1	0.005	0.02	0.5	0.9	12.95	194	0.13	<0.01	0.1	1.8
Q016959		13.0	3.35	14.80	0.15	1.1	0.210	2.96	27.3	47.0	0.92	2570	0.86	0.03	7.4	2.0
Q016960		27.3	3.11	14.90	0.14	1.5	0.186	2.33	23.2	65.8	0.60	1320	1.64	0.03	8.9	5.2
Q016961		16.8	3.45	16.10	0.12	1.0	0.168	2.69	28.8	30.5	0.72	1820	0.84	0.04	7.8	2.1
Q016962		50.0	3.43	15.55	0.12	1.0	0.160	3.19	25.9	25.9	0.77	1800	0.72	0.03	7.6	2.7
Q016963		48.6	3.37	15.25	0.13	1.0	0.160	3.10	27.6	25.0	0.77	1750	0.66	0.03	7.4	2.4
Q016964		6.5	2.92	16.40	0.12	1.1	0.055	1.95	22.0	53.8	0.64	974	0.62	0.74	8.5	2.6
Q016965		4.5	2.75	15.30	0.11	1.0	0.070	2.03	21.7	65.8	0.61	1260	0.59	0.07	7.7	3.2
Q016966		4.8	3.31	18.55	0.13	1.2	0.102	2.44	22.2	52.2	0.73	1500	1.19	0.92	9.4	2.4
Q016967		1970	11.95	10.80	0.05	0.6	92.6	1.59	11.7	27.8	0.63	2390	6.21	0.17	3.7	3.1
Q016968		4.3	0.49	0.32	0.25	<0.1	0.022	0.02	0.6	1.2	13.30	207	0.10	0.01	0.2	2.1
Q016969		34.0	4.30	16.75	0.14	1.2	0.258	2.97	26.8	55.9	0.85	2890	1.70	0.06	7.6	2.9
Q016970		18.0	2.93	17.25	0.16	1.3	0.106	3.93	25.6	55.4	0.75	2000	1.92	0.06	8.8	2.7
Q016971		64.1	5.80	12.50	0.08	0.8	0.548	2.50	17.5	21.4	0.67	2790	4.20	0.03	5.3	3.1
Q016972		16.0	3.51	18.10	0.14	1.1	0.350	3.57	31.5	12.7	0.80	4580	1.91	0.03	8.2	2.3
Q016973		232	5.24	16.95	0.10	0.9	0.310	2.81	23.8	15.9	0.72	2640	3.98	0.03	7.0	3.1
Q016974		361	4.95	15.75	0.08	1.0	0.405	2.39	19.3	40.4	0.56	2290	6.39	0.02	7.1	3.8
Q016975		27.8	3.19	15.95	0.19	0.9	0.318	3.26	25.7	37.3	0.97	2420	0.42	0.03	7.8	2.3
Q016976		>10000	9.39	16.55	0.15	0.6	3.06	0.82	10.1	6.0	0.83	1660	158.5	1.11	2.2	20.4
Q016977		1760	9.17	13.25	0.05	0.8	1.455	2.48	22.0	14.0	0.67	3560	7.75	0.02	5.8	3.3
Q016978		17.9	3.05	14.45	0.13	0.9	0.112	3.13	23.2	36.5	0.92	2390	1.15	0.03	7.1	2.4
Q016979		7.5	3.13	15.35	0.17	1.0	0.096	3.58	24.1	27.2	0.88	1700	1.96	0.03	7.5	2.8
Q016980		2.6	3.09	14.45	0.19	1.1	0.104	3.05	28.8	56.7	1.01	1550	3.16	0.17	7.1	2.6
Q016981		5.1	3.46	13.95	0.16	1.0	0.165	2.72	25.6	37.8	0.85	1540	1.20	0.31	7.2	3.4
Q016982		4.4	3.46	13.90	0.16	1.0	0.161	2.76	26.4	37.5	0.87	1580	1.27	0.31	7.1	3.6
Q016983		6.1	3.49	15.30	0.16	1.3	0.176	3.02	27.0	22.8	0.80	1310	1.17	0.53	7.2	3.1
Q016984		6.3	3.07	15.80	0.14	1.0	0.134	2.70	27.4	21.0	0.83	1180	0.55	0.50	7.5	2.4
Q016985		9.8	4.07	13.60	0.13	0.9	0.141	2.80	22.9	9.9	1.04	3570	0.49	0.03	6.3	2.6
Q016986		16.5	3.35	15.40	0.15	1.0	0.136	2.99	28.0	18.8	0.88	2230	1.07	0.03	7.1	2.6
Q016987		18.2	3.24	17.25	0.15	0.9	0.104	2.13	25.8	38.5	0.63	1130	17.65	0.34	7.7	2.5
Q016988		5.4	2.94	15.80	0.13	1.0	0.086	2.23	24.4	23.6	0.60	885	2.04	0.78	7.4	1.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118400

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q016953		240	1525	80.7	<0.002	3.06	132.5	4.2	<1	10.9	84.1	0.29	<0.05	6.5	0.113	1.50
Q016954		470	5730	148.0	0.003	2.02	116.5	7.6	1	3.0	145.5	0.56	<0.05	11.2	0.202	2.67
Q016955		460	1685	147.0	0.003	7.89	107.5	7.9	2	10.7	61.5	0.40	0.66	9.4	0.160	2.23
Q016956		490	693	130.5	0.005	1.53	82.0	7.7	1	3.1	165.5	0.49	0.29	9.1	0.208	2.19
Q016957		360	528	143.5	0.003	4.12	142.0	6.9	<1	3.6	93.8	0.47	0.16	8.9	0.171	1.98
Q016958		210	1.5	1.1	<0.002	<0.01	0.08	0.2	<1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02
Q016959		530	15.8	137.5	<0.002	0.94	14.60	9.7	1	1.8	165.5	0.64	<0.05	14.0	0.231	2.54
Q016960		530	39.5	104.0	<0.002	0.71	15.05	9.3	1	2.3	173.5	0.82	0.07	17.3	0.258	2.31
Q016961		580	9.6	140.5	<0.002	0.21	10.65	11.2	1	2.5	117.0	0.63	0.14	15.2	0.220	2.41
Q016962		590	567	169.0	<0.002	0.57	18.70	10.2	1	2.0	125.5	0.63	<0.05	12.8	0.241	2.90
Q016963		570	492	176.5	<0.002	0.55	18.20	10.2	1	2.0	123.5	0.60	<0.05	13.0	0.235	2.77
Q016964		670	14.9	79.2	<0.002	0.18	9.75	10.8	1	2.3	225	0.65	<0.05	12.8	0.285	1.93
Q016965		580	14.5	90.7	<0.002	0.38	12.90	10.1	1	1.6	191.5	0.64	<0.05	12.5	0.253	3.46
Q016966		680	13.9	113.0	0.002	0.56	11.60	12.3	1	2.1	217	0.77	<0.05	14.5	0.294	4.73
Q016967		300	>10000	89.3	0.002	>10.0	295	6.6	3	6.9	108.5	0.31	0.23	5.7	0.120	1.86
Q016968		210	3.3	1.2	<0.002	0.02	0.21	0.2	<1	<0.2	56.8	<0.05	<0.05	<0.2	<0.005	<0.02
Q016969		520	529	159.0	<0.002	2.13	27.5	9.9	1	3.8	164.5	0.68	0.10	14.6	0.220	2.97
Q016970		590	41.9	188.5	<0.002	0.58	18.40	10.4	1	2.8	158.0	0.77	<0.05	16.6	0.245	3.28
Q016971		390	944	162.0	<0.002	5.17	38.4	6.9	1	4.1	114.5	0.44	0.07	9.1	0.167	2.40
Q016972		600	42.9	264	<0.002	1.16	14.30	11.5	1	3.3	63.1	0.61	<0.05	15.3	0.251	4.00
Q016973		460	417	212	<0.002	4.65	123.5	9.5	1	3.2	101.0	0.53	0.06	12.0	0.200	3.05
Q016974		450	3240	153.5	<0.002	4.32	190.0	9.3	1	4.2	195.5	0.59	0.22	11.4	0.204	2.51
Q016975		520	24.1	213	<0.002	0.63	11.30	9.8	1	2.1	176.0	0.61	0.05	14.0	0.223	3.43
Q016976		590	>10000	30.3	0.079	>10.0	190.5	11.9	11	19.5	227	0.14	0.51	1.8	0.184	7.83
Q016977		400	982	186.0	<0.002	8.92	360	8.0	1	3.5	92.9	0.47	0.10	10.3	0.177	2.44
Q016978		560	26.0	178.5	<0.002	1.09	11.15	9.9	<1	1.8	175.5	0.56	0.05	10.9	0.228	2.77
Q016979		600	116.5	184.0	<0.002	0.81	9.99	10.4	1	1.7	191.0	0.62	0.05	11.6	0.241	3.12
Q016980		590	11.1	179.5	<0.002	0.58	8.75	10.3	1	1.5	155.5	0.57	0.06	13.2	0.230	2.76
Q016981		580	9.6	159.5	<0.002	0.62	9.26	9.9	<1	1.6	232	0.58	0.09	12.6	0.232	3.06
Q016982		590	9.5	163.0	<0.002	0.62	9.10	9.9	1	1.6	233	0.59	0.06	12.5	0.229	3.14
Q016983		550	12.4	169.0	<0.002	0.48	5.91	10.3	1	2.0	170.0	0.59	0.14	11.6	0.216	2.72
Q016984		490	8.5	155.0	<0.002	0.28	5.39	9.7	<1	1.7	168.5	0.64	0.05	13.1	0.197	2.39
Q016985		440	47.5	164.0	<0.002	2.03	10.90	8.5	<1	2.2	149.5	0.54	<0.05	10.8	0.179	2.52
Q016986		490	19.1	181.5	<0.002	1.03	9.09	9.9	<1	3.2	167.0	0.62	0.05	12.2	0.197	2.77
Q016987		550	10.9	117.0	<0.002	0.27	14.85	10.4	<1	3.3	141.5	0.62	0.08	11.9	0.221	1.60
Q016988		550	8.4	129.5	<0.002	0.22	10.40	10.3	1	2.0	130.5	0.64	0.06	12.9	0.206	1.76

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118400

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001
Q016953		9.2	31	2.9	6.7	5730	14.6				
Q016954		8.5	56	4.7	12.4	851	25.8				
Q016955		5.5	58	7.3	9.5	3300	21.8				
Q016956		9.5	62	10.4	12.7	806	24.9				
Q016957		6.4	48	6.4	11.7	8900	22.3				
Q016958		0.8	2	0.1	0.7	10	<0.5				
Q016959		10.2	61	3.0	13.7	105	30.3				
Q016960		8.6	63	4.7	12.0	45	39.8				
Q016961		3.0	62	2.6	14.7	56	28.3				
Q016962		3.0	72	2.4	13.4	56	26.2				
Q016963		2.8	70	2.3	13.3	55	24.9				
Q016964		3.7	75	2.7	12.9	56	29.3				
Q016965		3.6	70	2.6	13.4	47	28.2				
Q016966		3.4	73	3.5	14.7	62	36.2				
Q016967		8.2	39	3.8	16.7	>10000	15.5	107		1.830	9.81
Q016968		0.6	2	0.1	0.8	57	0.7				
Q016969		15.4	71	4.1	14.5	580	32.3				
Q016970		6.3	68	2.4	12.7	89	34.7				
Q016971		13.4	50	5.0	11.0	1120	19.6				
Q016972		4.4	70	4.3	12.7	114	31.3				
Q016973		9.9	66	5.4	12.3	308	25.8				
Q016974		11.3	64	4.7	11.5	6120	25.4				
Q016975		7.0	61	2.9	12.7	211	21.3				
Q016976		2.3	129	15.1	12.0	>10000	11.9	131	2.86	2.45	15.45
Q016977		6.5	52	3.5	12.9	2540	22.4				
Q016978		5.6	61	2.0	11.7	73	22.5				
Q016979		6.6	66	2.1	12.6	80	25.0				
Q016980		3.5	58	2.0	12.2	54	25.5				
Q016981		4.1	59	3.2	11.3	70	24.5				
Q016982		4.1	59	3.1	11.4	50	24.5				
Q016983		3.6	60	2.8	11.0	63	34.3				
Q016984		4.2	59	2.7	10.8	205	24.4				
Q016985		2.3	48	2.4	11.9	85	21.1				
Q016986		4.9	57	2.2	12.1	59	23.7				
Q016987		2.2	67	2.7	13.1	67	21.1				
Q016988		1.3	59	2.6	11.1	57	21.0				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118400

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	BAG-01	CRU-32	CRU-QC	LOG-21d
	LOG-22	LOG-23	PUL-35a	PUL-35ad
	PUL-QC	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	Au-AA24	Au-GRA22	Cu-OG62
	ME-MS61	ME-OG62	Pb-OG62	Zn-OG62

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

CERTIFICATE WH14118401

Project: Klaza

P.O. No.: Batch 113

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

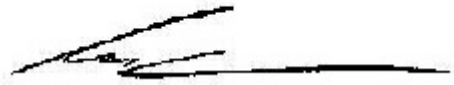
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118401

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q927745		4.58	0.012	0.82	6.93	25.1	3280	1.40	0.95	2.98	0.49	47.0	4.4	9	11.30	51.2
Q927746		3.24	0.234	1.48	7.60	96.7	1880	1.46	2.49	1.21	4.32	57.1	61.1	10	23.6	4.4
Q927747		6.39	0.549	13.95	6.21	1070	3300	1.53	0.74	0.82	96.0	42.5	5.6	17	19.45	158.0
Q927748		6.98	<0.005	0.19	7.31	9.5	2180	1.54	0.19	2.63	1.03	48.9	7.0	13	16.15	10.0
Q927749		11.03	0.012	0.35	7.29	26.9	2290	1.38	0.33	2.74	0.60	49.8	6.1	13	20.8	7.7
Q927750		4.22	0.011	0.37	6.72	24.4	2260	1.41	0.31	2.47	0.35	49.4	6.1	12	18.90	6.6
Q927751		8.72	<0.005	0.11	7.24	8.8	2180	1.49	0.17	2.44	0.28	48.8	6.5	14	14.75	6.9
Q927752		8.90	<0.005	0.13	6.76	15.3	2190	1.51	0.30	2.63	0.48	49.7	6.3	12	16.70	7.4
Q927753		7.58	0.009	0.75	6.95	21.4	1890	1.57	0.41	2.21	2.81	50.8	6.4	13	18.15	7.4
Q927754		5.97	0.035	3.01	7.31	18.7	2390	1.53	0.30	2.39	11.75	58.1	6.0	13	12.25	12.5
Q927755		0.30	0.874	11.90	6.57	1585	160	1.46	13.15	1.87	34.2	48.6	18.6	18	14.40	300
Q927756		4.48	0.279	1.59	6.17	39.2	2400	1.42	3.12	2.90	1.27	60.0	19.5	13	11.40	3.7
Q927757		6.62	0.030	0.23	7.34	57.1	2160	1.64	0.18	2.42	0.51	57.3	6.6	11	16.50	11.1
Q927758		3.75	0.050	1.60	6.93	195.5	2090	1.54	0.71	1.96	2.20	49.7	11.5	11	19.15	14.7
Q927759		3.27	<0.005	0.01	0.06	<0.2	20	0.06	0.02	20.4	0.05	1.14	0.6	<1	0.16	1.9
Q927760		6.05	0.038	0.59	7.50	33.1	2370	1.52	0.26	2.41	2.80	51.3	6.2	11	10.85	6.6
Q927761		2.44	0.946	10.30	6.66	537	500	1.40	4.96	2.06	22.0	65.0	17.2	7	12.20	219
Q927762		6.45	0.010	0.25	6.87	39.1	1970	1.22	0.14	2.22	0.31	48.3	6.4	9	13.60	6.7
Q927763		6.24	0.007	0.18	7.28	12.1	2180	1.56	0.17	2.07	0.15	54.0	6.8	11	13.80	7.6
Q927764		5.18	<0.005	0.09	7.50	7.5	2230	1.66	0.13	2.36	0.13	52.7	6.7	14	14.10	6.1
Q927765		5.22	0.019	0.19	6.97	23.3	1840	1.63	0.16	2.69	0.08	48.1	4.7	12	11.05	3.9
Q927766		<0.02	0.017	0.19	6.94	24.3	1840	1.50	0.16	2.72	0.09	44.8	4.4	15	10.85	3.7
Q927767		9.83	0.005	0.11	7.21	10.0	2020	1.49	0.15	1.95	0.08	53.1	4.4	11	12.85	3.9
Q927768		4.01	0.088	2.90	7.06	485	1170	1.51	1.81	1.63	10.80	51.8	5.2	11	15.80	26.6
Q927769		0.29	0.333	4.61	6.47	705	440	1.47	3.52	2.00	11.15	51.4	12.4	23	13.90	321
Q927770		4.96	0.007	0.36	7.20	13.7	1920	1.56	0.14	2.29	4.40	51.5	4.6	10	12.95	4.5
Q927771		5.94	0.929	6.92	6.99	42.2	1090	1.61	0.32	2.33	35.1	44.0	3.8	10	17.95	19.4
Q927772		4.90	0.069	3.19	6.95	220	1640	1.61	0.38	2.13	12.20	54.1	5.0	10	23.2	18.8
Q927773		6.04	<0.005	0.02	0.06	0.7	30	0.06	0.02	20.2	0.09	1.19	0.7	<1	0.16	1.8
Q927774		4.79	0.022	0.53	7.14	82.5	1120	1.66	0.20	2.56	1.12	50.5	3.8	10	20.6	7.8
Q927775		5.62	<0.005	0.07	7.26	9.0	2280	1.49	0.13	2.47	0.26	52.0	5.6	12	8.86	5.2
Q927776		6.28	<0.005	0.27	7.33	36.9	1900	1.65	0.14	2.61	0.22	56.3	4.0	14	11.15	5.8
Q927777		3.65	0.005	0.29	6.94	21.7	520	1.51	0.17	2.70	0.71	55.1	5.1	10	9.95	5.2
Q927778		3.42	0.016	0.43	7.04	28.1	1490	1.51	0.19	3.86	0.12	53.9	4.2	10	12.35	3.6
Q927779		2.99	<0.005	0.16	6.69	9.7	1820	1.59	0.29	2.72	0.11	37.2	4.4	11	7.44	2.4
Q927780		4.84	<0.005	0.08	7.03	5.9	1990	1.49	0.23	2.19	0.10	53.0	6.4	10	9.54	14.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927745		3.69	15.75	0.10	1.2	0.096	2.93	22.5	20.1	0.95	1870	1.81	1.48	8.1	2.3	600
Q927746		4.88	17.15	0.11	1.0	0.052	3.24	33.3	45.6	0.26	1280	4.74	0.29	8.0	3.1	560
Q927747		4.60	13.45	0.08	0.8	0.126	2.61	23.0	52.5	0.30	1060	5.08	0.36	6.5	2.0	470
Q927748		3.09	16.30	0.10	1.0	0.047	2.87	24.2	11.1	0.80	764	2.34	2.07	8.4	2.5	590
Q927749		3.13	15.35	0.09	1.0	0.060	3.10	24.4	27.9	0.81	893	2.77	1.59	7.7	2.2	600
Q927750		2.92	14.80	0.11	0.9	0.061	2.89	24.4	25.6	0.73	909	3.05	1.56	7.5	2.3	540
Q927751		2.99	15.80	0.11	1.0	0.041	2.76	24.6	12.5	0.76	587	2.46	2.44	8.1	2.5	570
Q927752		3.07	15.60	0.11	1.0	0.046	2.76	24.8	14.2	0.77	671	2.17	2.12	8.0	2.6	590
Q927753		2.96	16.20	0.16	1.1	0.059	2.68	23.8	13.8	0.64	813	2.58	1.65	8.0	2.4	560
Q927754		2.91	16.35	0.15	1.1	0.070	2.85	29.3	11.2	0.64	707	3.62	1.89	7.8	2.2	560
Q927755		6.55	15.90	0.12	1.2	0.858	2.85	23.1	19.4	0.78	1780	8.89	0.13	6.6	12.8	540
Q927756		3.07	13.95	0.12	0.9	0.059	2.49	30.9	26.2	0.87	1120	6.30	0.87	6.4	2.1	490
Q927757		2.99	16.80	0.14	1.2	0.055	2.75	26.9	10.3	0.74	674	1.59	2.32	8.3	2.4	600
Q927758		3.58	15.65	0.11	1.1	0.092	3.19	24.0	15.7	0.68	2140	1.51	0.38	7.5	2.2	540
Q927759		0.44	0.17	0.16	<0.1	0.005	0.02	0.5	1.0	12.55	193	0.11	0.01	0.2	1.3	200
Q927760		3.62	16.15	0.15	1.1	0.057	3.04	24.2	9.4	0.74	882	3.00	2.17	7.9	2.5	590
Q927761		4.67	16.30	0.12	1.2	0.397	3.11	32.5	15.9	0.61	1360	1.94	0.17	7.7	2.2	510
Q927762		2.73	16.40	0.12	1.3	0.059	2.53	22.3	28.1	0.61	1040	1.57	0.17	8.0	2.4	570
Q927763		3.08	16.95	0.12	1.3	0.057	2.74	25.3	14.1	0.79	660	1.65	2.16	8.4	2.8	660
Q927764		3.05	17.25	0.11	1.3	0.047	2.69	24.6	12.7	0.83	608	1.65	2.50	8.6	2.5	600
Q927765		3.24	16.70	0.10	1.2	0.058	2.52	22.7	11.5	0.80	839	1.52	2.05	8.2	2.3	570
Q927766		3.22	16.25	0.09	1.3	0.065	2.48	21.1	11.2	0.81	849	1.47	2.04	8.1	2.2	550
Q927767		2.91	16.55	0.10	1.3	0.059	2.71	25.5	11.8	0.69	520	1.46	1.93	8.1	2.2	550
Q927768		3.94	16.15	0.11	1.2	0.181	3.39	26.3	13.6	0.70	2620	1.36	0.07	7.5	2.2	530
Q927769		4.87	15.80	0.11	1.1	0.305	2.85	26.5	25.7	0.76	1820	14.15	0.15	6.3	14.8	510
Q927770		2.97	16.55	0.11	1.3	0.064	3.20	23.8	12.9	0.62	909	1.33	1.32	8.4	2.3	580
Q927771		3.25	16.05	0.12	1.2	0.178	3.18	20.8	22.9	0.80	1640	1.16	0.05	7.7	2.0	560
Q927772		3.46	16.10	0.11	1.1	0.105	2.93	27.7	17.5	0.83	1820	2.31	0.04	7.6	2.1	520
Q927773		0.46	0.20	0.15	<0.1	0.007	0.02	0.5	1.0	12.55	197	0.09	<0.01	0.1	1.4	170
Q927774		2.87	16.75	0.14	1.2	0.083	3.59	23.9	19.0	0.64	1910	1.42	0.13	8.1	2.0	570
Q927775		2.99	16.85	0.14	1.3	0.051	2.72	24.3	8.7	0.78	556	1.46	2.31	8.1	2.5	570
Q927776		2.90	16.65	0.11	1.2	0.048	2.89	27.2	10.3	0.62	911	1.79	1.70	8.1	2.4	570
Q927777		3.27	16.40	0.09	1.2	0.077	2.21	26.4	24.9	0.81	1700	0.75	0.16	7.9	2.2	550
Q927778		3.36	15.85	0.11	1.1	0.071	2.63	26.9	18.0	0.98	1160	1.69	0.76	7.7	2.1	550
Q927779		2.03	15.05	0.09	1.2	0.038	2.55	17.3	9.3	0.56	648	1.35	1.80	6.0	1.4	350
Q927780		2.55	15.40	0.13	1.2	0.048	2.55	26.3	9.9	0.62	464	1.41	2.00	8.0	2.2	510

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927745		27.7	116.5	0.003	0.25	7.08	11.0	1	1.6	317	0.67	<0.05	13.2	0.253	1.32	4.9
Q927746		27.1	155.5	0.004	0.57	5.54	10.7	1	2.3	72.3	0.63	1.97	13.5	0.256	2.19	5.3
Q927747		1790	137.5	0.003	0.34	81.8	8.9	1	2.0	104.5	0.50	0.07	10.3	0.202	2.13	7.4
Q927748		65.5	127.0	0.003	0.05	2.52	10.5	1	1.5	335	0.62	<0.05	12.3	0.263	1.47	3.5
Q927749		29.7	131.5	0.003	0.18	4.03	10.1	1	1.4	262	0.64	0.12	12.7	0.264	1.67	4.6
Q927750		27.2	123.5	0.002	0.19	3.72	9.7	1	1.4	245	0.57	0.05	12.4	0.244	1.58	4.6
Q927751		20.5	113.5	0.003	0.03	1.88	10.4	<1	1.4	365	0.63	0.06	13.0	0.256	1.11	3.9
Q927752		33.3	116.5	0.002	0.09	3.25	11.0	<1	1.5	312	0.65	0.10	13.5	0.252	1.33	4.2
Q927753		202	112.0	<0.002	0.15	4.97	10.9	1	1.7	253	0.66	0.13	13.6	0.240	1.77	4.1
Q927754		800	117.0	0.002	0.15	5.75	10.6	1	1.7	262	0.62	0.13	14.6	0.231	1.58	3.8
Q927755		1295	156.0	<0.002	4.71	66.2	9.9	2	8.2	96.6	0.54	1.32	12.2	0.208	2.72	5.4
Q927756		76.5	105.5	0.002	0.60	5.10	9.5	1	1.5	132.5	0.51	1.78	12.6	0.189	1.90	3.9
Q927757		37.3	108.0	<0.002	0.07	3.45	11.6	1	1.7	345	0.68	0.05	15.4	0.263	1.37	4.2
Q927758		156.5	155.0	<0.002	0.80	12.00	10.2	1	2.0	102.5	0.60	0.07	13.5	0.228	3.42	5.3
Q927759		1.3	0.9	<0.002	<0.01	0.11	0.2	<1	<0.2	44.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q927760		57.9	113.5	<0.002	0.27	4.27	10.7	1	1.7	295	0.66	0.11	14.0	0.254	1.53	4.4
Q927761		788	157.0	<0.002	2.87	31.1	10.0	1	4.1	78.5	0.64	0.74	12.6	0.232	2.48	3.9
Q927762		28.2	100.5	<0.002	0.16	20.1	10.4	<1	1.5	90.5	0.69	<0.05	13.4	0.242	1.90	3.1
Q927763		19.4	112.0	<0.002	0.06	4.50	11.7	1	1.5	312	0.71	<0.05	14.3	0.260	1.35	4.1
Q927764		18.2	105.5	<0.002	0.01	1.72	11.7	1	1.6	390	0.68	<0.05	14.1	0.260	1.16	4.3
Q927765		15.0	107.0	<0.002	0.17	2.30	11.5	1	1.7	281	0.65	<0.05	14.1	0.248	1.37	4.9
Q927766		14.4	104.0	<0.002	0.19	2.28	10.9	1	1.6	281	0.66	<0.05	13.3	0.247	1.37	4.7
Q927767		15.5	113.5	<0.002	0.05	3.71	10.7	1	1.6	275	0.68	<0.05	14.2	0.243	1.30	3.9
Q927768		503	201	<0.002	1.38	18.10	10.3	1	3.1	53.6	0.63	0.06	13.7	0.223	3.40	5.5
Q927769		470	149.0	0.004	2.65	28.7	9.5	1	5.8	107.5	0.51	0.31	12.2	0.203	2.54	5.3
Q927770		219	135.5	<0.002	0.10	5.37	11.2	1	1.7	221	0.69	<0.05	14.2	0.248	2.08	3.9
Q927771		2620	151.5	<0.002	0.68	14.60	10.3	1	1.8	105.0	0.62	<0.05	12.9	0.236	3.01	3.8
Q927772		571	158.0	<0.002	1.08	14.90	10.2	1	2.3	86.1	0.61	<0.05	14.2	0.232	3.02	5.0
Q927773		3.8	1.0	<0.002	0.01	0.09	0.1	<1	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q927774		49.3	161.0	<0.002	0.44	8.72	10.6	1	1.9	117.5	0.68	<0.05	13.8	0.251	3.17	4.8
Q927775		21.0	104.5	<0.002	0.02	1.85	11.2	1	1.5	346	0.67	<0.05	14.8	0.243	1.27	3.5
Q927776		36.9	126.5	<0.002	0.05	3.01	10.9	1	1.6	278	0.70	<0.05	15.4	0.246	1.66	4.5
Q927777		64.9	111.0	<0.002	0.16	4.43	10.7	1	1.9	102.0	0.66	<0.05	15.2	0.237	1.83	7.5
Q927778		14.3	120.0	<0.002	0.60	5.22	11.3	1	1.9	160.0	0.63	<0.05	13.4	0.250	2.01	5.1
Q927779		11.1	95.9	<0.002	0.18	2.40	6.1	1	1.1	202	0.69	0.05	13.2	0.144	1.34	5.0
Q927780		14.9	101.0	<0.002	0.08	2.24	9.7	1	1.5	293	0.72	<0.05	15.3	0.225	1.07	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q927745		70	6.4	17.3	74	30.2
Q927746		78	3.4	19.4	371	26.6
Q927747		57	4.5	16.3	2410	20.9
Q927748		69	1.6	17.3	149	25.8
Q927749		69	2.8	15.9	72	24.5
Q927750		63	2.7	15.6	66	24.7
Q927751		67	1.6	17.5	49	24.4
Q927752		70	2.2	17.4	68	26.6
Q927753		67	2.4	16.9	233	27.7
Q927754		65	2.1	15.9	668	27.9
Q927755		62	6.3	11.8	2460	30.0
Q927756		58	1.9	13.3	122	23.5
Q927757		71	1.7	18.3	71	29.6
Q927758		64	3.4	13.4	205	27.0
Q927759		1	0.1	0.8	14	<0.5
Q927760		72	2.6	16.7	213	28.8
Q927761		62	5.3	14.8	1640	29.0
Q927762		68	6.2	15.8	65	30.9
Q927763		73	2.6	19.2	48	31.1
Q927764		72	1.5	18.9	44	31.3
Q927765		67	2.0	17.6	42	31.2
Q927766		67	1.8	16.4	42	32.1
Q927767		66	2.2	16.2	42	30.8
Q927768		62	5.2	12.7	930	28.3
Q927769		65	5.8	12.0	863	30.8
Q927770		70	2.4	16.8	517	32.5
Q927771		64	3.5	14.1	3640	29.2
Q927772		63	4.8	14.1	924	27.5
Q927773		1	0.1	0.8	18	<0.5
Q927774		69	2.9	14.7	167	29.2
Q927775		67	1.5	17.8	88	32.8
Q927776		66	1.7	17.6	53	31.0
Q927777		66	3.8	18.1	201	29.3
Q927778		71	3.0	16.2	45	26.9
Q927779		39	1.4	10.8	31	27.4
Q927780		60	1.8	17.0	36	26.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118401

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

CERTIFICATE WH14118402

Project: Klaza

P.O. No.: Batch 115

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

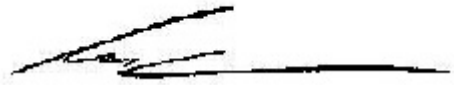
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118402

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926436		3.98	<0.005	0.05	7.17	6.7	1880	1.40	0.09	2.72	0.17	45.4	7.9	16	25.5	5.7
Q926437		2.60	0.128	14.15	6.46	85.2	1140	1.52	0.76	2.58	28.0	46.6	8.7	9	16.75	60.1
Q926438		4.31	0.025	0.82	6.88	178.0	2040	1.47	0.29	2.85	1.52	48.0	8.2	14	16.80	8.8
Q926440		1.30	0.005	0.21	7.08	19.2	1520	1.69	0.58	2.09	0.22	47.6	9.2	9	20.1	17.4
Q926441		1.88	0.020	0.14	6.43	14.4	1330	1.56	0.44	5.16	0.10	52.3	8.8	11	18.55	8.2
Q926442		2.13	0.014	0.20	5.47	37.9	1370	1.51	0.26	2.97	0.10	30.0	8.3	11	12.20	8.3
Q926443		3.24	<0.005	0.22	5.89	15.2	1990	1.42	0.26	2.62	0.46	42.2	8.4	9	26.3	12.2
Q926444		2.76	<0.005	0.18	7.54	12.8	1790	1.66	0.33	2.08	0.21	53.3	8.9	10	31.0	13.8
Q926445		0.26	0.912	12.00	6.33	1525	150	1.35	13.95	1.84	31.4	43.1	16.5	18	13.55	276
Q926446		4.35	0.005	0.32	6.71	38.3	1230	1.57	0.37	2.37	0.77	51.1	8.9	12	26.4	14.8
Q926447		5.11	<0.005	0.11	7.23	24.6	1500	1.47	0.22	3.04	0.12	53.4	8.5	13	22.3	12.0
Q926448		5.86	0.009	0.20	6.22	21.1	2240	1.21	0.57	4.70	0.25	51.2	8.5	10	19.95	9.3
Q926449		4.46	<0.005	<0.01	0.07	<0.2	20	<0.05	0.02	19.75	0.06	1.14	0.7	<1	0.18	4.3
Q926450		4.22	0.016	0.13	7.04	15.3	1360	1.22	0.24	2.68	0.13	49.8	8.1	16	16.10	10.0
Q926451		5.59	0.026	0.25	7.42	66.8	2010	1.40	0.29	4.79	0.32	54.5	8.5	7	15.25	4.2
Q926452		3.46	0.021	0.23	7.23	63.8	1860	1.43	0.40	5.35	0.28	57.6	9.9	7	16.00	7.1
Q926453		4.57	<0.005	0.05	7.06	6.0	3660	1.64	0.13	3.20	0.10	49.8	8.1	11	17.75	6.3
Q926454		1.55	0.016	2.29	6.93	66.0	1660	1.39	0.18	2.78	0.72	53.1	8.3	10	20.4	14.6
Q926455		3.67	<0.005	0.09	7.00	6.1	2040	1.47	0.17	2.71	0.10	50.8	7.2	12	13.00	10.4
Q926456		1.25	0.136	1.36	5.38	105.5	740	1.31	0.62	4.55	0.54	43.3	11.4	4	14.15	11.4
Q926457		2.28	0.063	8.09	6.45	195.5	980	1.21	0.46	2.16	12.80	45.4	10.1	10	12.95	39.1
Q926458		4.39	<0.005	0.18	7.16	8.7	2030	1.29	0.34	1.54	0.35	47.4	6.7	11	12.50	15.6
Q926459		4.14	<0.005	0.15	7.15	4.4	2170	1.51	0.29	2.70	0.12	52.0	7.6	12	11.70	11.6
Q926460		0.31	0.361	4.60	6.48	704	450	1.44	3.97	2.06	10.85	47.8	12.0	24	14.00	309
Q926461		6.00	0.030	3.20	6.61	82.9	1270	1.37	0.31	2.87	15.30	49.1	9.0	8	14.45	87.6
Q926462		3.35	<0.005	0.15	7.12	17.0	1720	1.49	0.25	2.37	0.18	46.6	7.4	18	20.2	10.7
Q926463		4.88	<0.005	0.12	7.41	10.6	2620	1.42	0.18	2.18	0.14	49.9	8.8	12	12.30	10.2
Q926464		<0.02	<0.005	0.09	7.10	10.7	2500	1.58	0.18	2.13	0.11	44.6	8.4	13	12.25	9.1
Q926465		2.57	0.078	5.67	7.31	39.0	1880	1.41	0.27	1.78	0.28	44.1	9.0	10	12.05	19.3
Q926466		4.69	<0.005	0.10	7.64	8.7	2420	1.49	0.19	2.35	0.10	48.7	8.0	13	11.75	10.8
Q926467		7.08	0.027	0.99	7.06	102.5	1110	1.56	0.34	2.77	1.67	47.4	9.8	13	17.50	22.2
Q926468		8.67	0.006	0.49	6.94	54.0	890	1.44	0.21	3.08	2.01	48.0	8.1	15	19.85	17.2
Q926469		3.41	<0.005	0.01	0.06	0.4	30	0.05	0.02	20.8	0.08	1.17	0.7	1	0.17	2.6
Q926470		3.70	0.007	0.47	7.36	90.8	1740	1.00	0.14	1.64	2.40	47.2	7.3	12	16.00	17.8
Q926471		3.21	<0.005	0.07	7.32	2.0	2110	1.35	0.13	2.81	0.12	49.2	8.1	14	9.05	8.7
Q926472		2.57	0.041	0.95	7.14	124.5	1220	1.28	0.16	2.83	0.42	49.2	8.3	11	15.05	46.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118402

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926436		2.88	16.25	0.10	1.6	0.037	2.64	20.2	123.5	0.84	806	1.34	0.11	8.5	2.6	630
Q926437		4.70	14.45	0.10	1.4	0.371	2.80	23.1	35.9	0.88	7650	0.99	0.18	6.9	2.6	500
Q926438		3.38	16.25	0.10	1.2	0.080	2.73	22.8	43.8	0.85	2820	1.35	0.14	7.9	2.6	600
Q926440		3.13	16.95	0.13	1.3	0.098	2.83	21.4	17.7	0.36	782	4.61	0.92	7.6	2.5	610
Q926441		3.47	15.05	0.10	1.3	0.109	2.53	25.6	13.9	0.57	1790	5.66	0.92	7.0	2.4	530
Q926442		2.80	15.60	0.09	1.6	0.061	2.43	11.5	14.0	0.19	1300	28.3	0.93	7.7	2.4	540
Q926443		2.74	13.55	0.10	1.0	0.054	2.18	20.2	57.0	0.94	1440	1.62	0.04	6.5	2.1	490
Q926444		3.42	17.40	0.11	1.4	0.104	3.14	24.4	27.0	0.74	1810	1.50	0.46	8.3	2.8	660
Q926445		6.51	14.50	0.15	1.0	0.740	2.83	23.7	21.2	0.78	1700	9.43	0.12	6.2	12.4	530
Q926446		3.49	15.65	0.13	1.0	0.110	2.76	28.1	41.0	0.83	2270	22.5	0.19	7.5	2.9	590
Q926447		2.88	17.50	0.17	1.3	0.042	2.59	27.5	55.4	0.79	887	1.59	0.31	9.1	3.0	670
Q926448		2.84	14.25	0.15	1.0	0.081	2.61	29.2	27.6	0.94	2030	1.10	0.15	6.5	2.2	490
Q926449		0.46	0.20	0.15	<0.1	<0.005	0.02	0.6	1.2	12.30	196	0.17	<0.01	0.1	1.3	170
Q926450		3.77	15.70	0.19	1.2	0.088	3.15	27.0	35.6	0.83	1850	5.32	0.58	7.9	2.6	620
Q926451		4.68	15.70	0.19	1.2	0.090	3.66	31.3	21.1	1.24	4030	0.34	0.05	7.9	2.5	630
Q926452		4.43	15.55	0.20	1.2	0.088	3.50	33.2	30.9	1.25	3670	0.39	0.05	7.8	2.6	610
Q926453		3.26	16.20	0.17	1.3	0.036	2.94	25.2	21.8	1.00	1060	2.14	1.46	8.3	2.7	630
Q926454		3.47	16.35	0.19	1.3	0.039	3.40	28.8	13.7	0.83	5730	1.47	0.84	7.8	3.2	590
Q926455		2.97	15.50	0.17	1.3	0.034	2.54	26.6	17.5	0.77	683	2.08	2.00	7.7	2.5	590
Q926456		6.29	13.70	0.12	0.9	0.181	2.57	24.3	14.9	1.39	21000	1.32	0.07	6.0	2.4	420
Q926457		4.29	14.95	0.15	0.8	0.123	3.09	25.9	23.2	0.82	6560	3.91	0.08	6.2	2.5	510
Q926458		3.02	16.35	0.17	1.0	0.044	2.91	24.5	33.5	0.58	1360	2.08	0.11	7.8	2.3	620
Q926459		3.10	15.80	0.16	1.0	0.032	2.71	27.8	12.4	0.80	710	2.11	1.96	8.1	2.6	600
Q926460		5.00	15.60	0.16	1.0	0.296	2.96	27.2	28.6	0.78	1840	14.55	0.15	6.3	15.2	520
Q926461		3.65	14.85	0.14	0.9	0.209	2.96	27.9	25.9	0.98	3190	1.28	0.21	7.0	2.6	560
Q926462		3.18	15.45	0.15	0.9	0.053	3.06	24.6	40.9	0.77	1500	1.97	0.99	7.5	2.6	630
Q926463		3.16	16.50	0.16	1.1	0.050	2.88	26.0	30.1	0.68	1100	1.56	0.59	8.5	3.1	650
Q926464		3.12	16.50	0.17	1.1	0.057	2.82	21.7	31.4	0.65	1080	1.92	0.58	8.6	3.2	650
Q926465		4.08	16.65	0.15	1.0	0.085	3.25	23.2	29.4	0.77	1820	0.93	0.07	7.7	2.9	600
Q926466		3.40	16.60	0.17	1.0	0.062	3.33	25.4	30.9	0.80	1580	1.11	0.19	8.0	2.4	670
Q926467		3.79	16.40	0.16	1.0	0.116	3.07	25.7	40.0	1.07	3470	1.04	0.04	7.7	2.8	620
Q926468		3.33	15.20	0.16	1.0	0.081	2.76	26.7	170.5	1.09	2580	1.47	0.04	7.4	2.7	590
Q926469		0.46	0.23	0.14	<0.1	<0.005	0.02	0.6	1.5	12.80	194	0.12	0.01	0.2	1.4	180
Q926470		3.28	16.95	0.22	1.2	0.051	3.03	24.2	25.1	0.58	2080	3.06	0.29	8.3	2.6	640
Q926471		3.10	16.85	0.22	1.0	0.042	2.55	26.6	14.0	0.88	672	1.78	2.25	8.2	3.1	610
Q926472		3.82	16.25	0.19	1.0	0.094	3.67	26.8	20.9	0.90	4630	1.56	0.44	7.7	2.7	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118402

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926436		23.0	90.2	<0.002	0.02	9.04	11.8	1	1.5	195.0	0.74	<0.05	13.4	0.275	1.24	4.3
Q926437		3820	139.0	<0.002	1.06	42.4	10.1	1	2.2	144.0	0.61	<0.05	12.2	0.217	2.44	6.0
Q926438		259	123.5	<0.002	0.82	14.25	12.2	1	2.0	143.0	0.60	<0.05	11.3	0.268	1.71	4.4
Q926440		31.1	125.5	<0.002	0.02	5.80	12.2	1	2.5	152.0	0.64	<0.05	13.6	0.266	2.11	6.1
Q926441		20.0	123.5	<0.002	0.31	6.26	10.7	1	1.7	236	0.60	<0.05	12.3	0.234	1.80	5.2
Q926442		12.7	98.1	<0.002	0.03	10.95	10.0	1	1.7	109.0	0.70	<0.05	9.8	0.254	2.36	4.7
Q926443		17.7	121.0	<0.002	0.12	31.8	12.1	1	1.8	146.5	0.49	<0.05	9.3	0.242	2.07	2.2
Q926444		19.8	145.5	<0.002	0.09	15.00	12.9	1	1.8	157.5	0.71	<0.05	14.2	0.287	2.16	4.5
Q926445		1290	154.5	0.003	4.63	59.9	8.5	1	7.4	89.6	0.53	1.47	10.7	0.205	2.39	4.8
Q926446		28.5	149.5	0.003	0.36	17.15	11.1	1	1.8	151.0	0.58	<0.05	14.2	0.253	2.38	5.7
Q926447		19.7	102.0	<0.002	0.19	13.30	12.7	1	1.7	206	0.71	<0.05	14.9	0.299	2.31	5.9
Q926448		26.1	159.0	0.002	0.63	15.90	9.5	1	1.5	170.5	0.54	<0.05	11.4	0.218	1.96	7.3
Q926449		1.3	1.1	0.002	<0.01	0.07	0.1	<1	<0.2	43.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q926450		19.5	172.0	0.002	0.35	8.27	11.2	1	2.2	165.5	0.65	<0.05	15.0	0.274	2.13	5.0
Q926451		17.4	234	0.002	1.94	12.00	11.7	1	1.9	158.5	0.65	<0.05	15.9	0.277	2.67	6.5
Q926452		20.4	221	<0.002	1.78	11.25	12.0	1	2.3	180.0	0.64	<0.05	17.0	0.269	2.53	5.8
Q926453		16.4	127.5	<0.002	0.12	4.47	12.2	1	1.8	329	0.73	<0.05	15.7	0.271	1.50	5.5
Q926454		202	187.5	<0.002	0.47	81.5	10.7	1	1.8	211	0.68	<0.05	15.7	0.250	2.13	5.9
Q926455		19.0	103.5	0.002	0.02	3.97	10.9	1	1.6	380	0.72	<0.05	15.9	0.262	1.01	5.7
Q926456		204	154.5	0.002	1.97	23.9	8.4	1	1.7	112.0	0.51	0.11	11.3	0.185	2.01	6.5
Q926457		485	178.5	0.002	1.34	43.3	8.7	1	2.5	80.6	0.47	<0.05	10.4	0.214	2.33	3.9
Q926458		25.4	121.5	<0.002	0.10	13.20	10.6	<1	1.8	113.5	0.60	<0.05	12.7	0.263	1.49	2.2
Q926459		22.8	106.0	0.002	0.02	2.90	10.5	1	1.7	354	0.65	<0.05	15.4	0.259	1.09	3.9
Q926460		484	157.0	0.005	2.71	27.7	8.8	1	5.7	105.0	0.53	0.40	11.6	0.206	2.23	5.0
Q926461		243	161.5	0.002	0.83	30.0	9.6	1	2.2	140.0	0.55	<0.05	11.8	0.240	2.08	4.9
Q926462		21.0	133.5	0.003	0.12	8.52	10.6	1	1.7	257	0.51	<0.05	11.1	0.270	1.71	3.0
Q926463		18.9	122.5	0.002	0.12	11.20	11.9	<1	2.2	173.5	0.70	<0.05	13.8	0.297	1.46	5.4
Q926464		18.9	113.0	0.002	0.11	11.40	12.0	1	1.9	171.5	0.67	<0.05	13.4	0.284	1.44	5.7
Q926465		17.6	156.5	<0.002	1.21	15.50	11.0	1	2.0	111.0	0.63	0.06	13.8	0.267	1.91	5.2
Q926466		16.1	152.0	0.002	0.25	7.93	11.1	1	1.7	127.0	0.63	<0.05	13.9	0.284	1.75	3.5
Q926467		68.2	187.5	0.002	0.83	20.6	12.1	1	2.9	123.5	0.60	<0.05	12.9	0.271	2.44	5.2
Q926468		77.7	152.5	0.002	0.33	22.2	11.0	1	2.1	169.5	0.56	<0.05	12.6	0.257	2.08	4.9
Q926469		1.4	1.2	<0.002	<0.01	0.09	0.2	<1	1.2	46.9	<0.05	<0.05	<0.2	<0.005	0.03	0.8
Q926470		90.6	133.0	0.002	0.12	16.60	11.2	<1	2.1	132.5	0.68	<0.05	14.3	0.285	1.59	3.5
Q926471		17.1	92.0	0.002	0.01	1.03	11.4	1	1.7	417	0.57	<0.05	14.2	0.265	0.88	3.8
Q926472		44.7	214	0.002	0.62	11.05	10.9	<1	2.3	171.0	0.54	<0.05	13.6	0.260	2.64	4.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118402

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926436		76	4.8	17.5	71	40.7
Q926437		64	4.4	15.4	2810	34.3
Q926438		77	2.5	15.1	150	29.4
Q926440		77	3.8	16.1	66	34.3
Q926441		67	2.8	21.5	62	35.3
Q926442		71	3.2	11.4	51	42.9
Q926443		80	3.5	16.2	71	22.2
Q926444		84	3.4	18.1	75	33.4
Q926445		60	5.3	10.8	2290	26.5
Q926446		76	3.5	16.0	155	24.9
Q926447		84	2.3	19.4	66	31.5
Q926448		67	1.8	21.7	82	25.6
Q926449		2	0.1	0.7	13	<0.5
Q926450		76	5.7	15.9	75	30.2
Q926451		64	2.9	16.9	88	29.6
Q926452		61	2.7	17.7	80	29.9
Q926453		76	1.6	17.3	62	32.9
Q926454		71	2.4	17.2	155	31.4
Q926455		73	2.1	17.3	52	31.1
Q926456		56	5.3	19.9	76	23.8
Q926457		63	4.7	14.0	1060	20.1
Q926458		75	6.5	14.4	75	25.0
Q926459		72	3.8	16.5	54	25.8
Q926460		65	5.2	11.9	857	29.0
Q926461		68	4.4	15.1	1620	22.3
Q926462		76	4.3	14.7	71	24.0
Q926463		79	7.1	16.2	58	27.6
Q926464		80	7.5	15.6	54	26.3
Q926465		76	8.7	14.2	81	24.4
Q926466		79	3.8	14.1	59	25.9
Q926467		87	4.6	15.0	225	24.1
Q926468		78	4.6	15.7	224	23.8
Q926469		1	0.1	0.8	15	<0.5
Q926470		78	7.1	16.2	209	28.8
Q926471		75	1.3	17.9	49	27.3
Q926472		77	4.0	15.7	115	26.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118402

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

CERTIFICATE WH14118403

Project: Klaza

P.O. No.: Batch 116

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

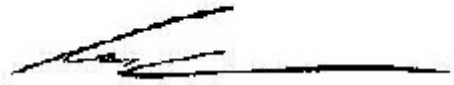
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118403

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q927781		4.78	0.008	0.46	6.74	23.7	1840	1.51	0.33	2.73	1.30	52.2	6.0	10	14.55	17.7
Q927782		6.64	0.019	0.43	5.75	90.5	2080	1.38	0.28	2.53	0.25	46.1	5.2	12	12.45	11.8
Q927783		0.31	0.913	11.40	6.21	1505	110	1.17	13.55	1.79	31.0	43.8	16.5	17	13.40	278
Q927784		5.34	0.007	0.25	6.66	27.6	2570	1.31	0.46	2.91	0.28	50.1	7.5	19	8.01	2.9
Q927785		5.22	0.048	1.26	6.15	103.5	2240	1.30	0.49	3.43	9.72	47.2	5.8	11	10.30	9.8
Q927786		4.41	<0.005	0.13	6.64	27.5	1930	1.47	0.25	2.34	0.11	45.9	5.3	13	17.25	8.5
Q927787		2.77	0.348	13.20	6.27	823	130	1.43	4.91	2.35	26.2	39.4	7.5	8	13.70	131.0
Q927788		1.93	0.900	11.55	6.24	3840	1720	1.38	0.29	2.08	82.9	46.7	6.2	10	23.1	44.9
Q927789		4.40	<0.005	0.20	7.70	19.8	2580	1.70	0.26	2.78	0.75	56.3	10.2	13	20.5	19.6
Q927790		7.24	0.047	1.21	6.32	170.0	1050	1.61	0.42	2.01	2.80	60.9	5.7	10	22.1	17.4
Q927791		4.39	0.172	4.69	6.58	99.9	670	1.67	2.88	2.52	6.34	53.1	6.2	8	24.6	7.5
Q927792		0.31	0.889	11.80	6.42	1555	290	1.58	13.20	1.85	34.4	48.4	18.5	18	14.30	294
Q927793		6.36	0.005	0.17	7.11	29.3	2060	1.90	0.38	1.65	0.22	51.0	6.0	8	22.8	4.5
Q927794		1.60	0.375	4.59	4.85	225	90	1.38	0.20	1.18	41.1	33.6	6.3	8	20.6	30.0
Q927795		5.63	0.074	1.69	7.28	554	1710	1.55	0.29	1.57	8.84	56.4	7.3	11	25.7	15.5
Q927796		3.16	0.111	2.72	7.10	781	1620	1.55	0.30	1.70	15.65	51.8	8.2	10	24.4	20.2
Q927797		4.78	0.263	6.53	6.63	1215	1450	1.43	1.21	1.97	24.8	46.4	7.4	8	20.2	71.3
Q927798		2.76	0.005	0.11	7.05	14.3	3800	1.26	0.40	1.88	0.17	45.7	7.0	11	15.40	5.2
Q927799		1.85	0.093	1.76	6.76	53.4	390	1.21	1.93	1.53	0.14	30.2	19.4	14	12.85	12.2
Q927800		1.87	0.012	1.50	5.88	13.5	240	1.28	1.71	7.37	0.34	61.6	13.9	6	10.50	2.8
Q933001		3.71	<0.005	0.18	7.12	14.8	1890	1.33	0.52	1.91	0.15	45.5	7.4	10	14.05	9.4
Q933002		5.70	<0.005	0.30	7.22	12.1	2720	1.64	0.59	2.40	1.21	55.7	8.1	11	16.65	7.5
Q933003		2.89	0.469	35.9	5.44	455	250	1.35	2.36	1.64	116.0	41.1	6.6	5	19.20	182.5
Q933004		5.90	<0.005	0.04	0.10	0.8	20	0.09	0.03	19.90	0.13	1.40	0.9	3	0.40	3.0
Q933005		6.37	0.169	13.50	7.00	330	1030	1.44	0.63	1.13	22.0	52.1	7.9	8	14.85	34.7
Q933006		4.87	0.005	0.35	7.60	9.4	1980	1.21	0.61	1.14	3.27	55.2	8.0	8	10.50	11.4
Q933007		<0.02	0.005	0.33	7.76	8.5	2020	1.29	0.54	1.19	2.62	62.3	8.2	9	10.90	13.3
Q933008		3.03	0.042	0.71	7.33	21.9	1870	1.39	0.77	1.63	0.67	48.6	7.4	10	20.7	5.8
Q933009		4.70	0.035	2.44	7.04	36.6	930	1.82	2.30	2.79	5.39	61.8	10.8	12	13.35	5.6
Q933010		7.74	0.209	7.87	6.54	110.5	190	1.51	11.05	1.77	8.98	52.4	11.5	10	8.93	39.3
Q933011		5.91	<0.005	0.01	0.07	1.1	20	0.08	0.03	20.3	0.07	1.40	0.7	<1	0.14	1.5
Q933012		10.93	0.007	0.19	7.46	10.1	2170	1.65	0.73	2.44	0.22	58.7	7.7	12	12.85	7.6
Q933013		10.82	0.014	0.99	7.19	17.7	2150	1.58	0.87	2.59	2.09	56.9	7.2	14	11.95	14.5
Q933014		5.01	0.165	1.48	7.38	32.7	1850	1.59	0.61	2.70	10.50	55.7	7.5	11	15.45	18.5
Q933015		7.89	0.032	1.29	6.67	21.9	2320	1.61	1.19	2.45	7.09	50.7	8.4	10	16.00	12.1
Q933016		10.09	0.040	0.60	6.29	19.8	1500	2.00	0.39	3.64	2.19	56.3	5.5	11	23.4	18.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q927781		3.24	16.20	0.19	1.2	0.056	2.68	26.7	16.2	0.77	926	2.33	1.37	8.6	2.5	650
Q927782		1.98	13.15	0.17	1.7	0.045	2.29	25.2	10.9	0.66	960	2.94	1.10	7.5	2.2	340
Q927783		6.31	14.50	0.15	1.0	0.729	2.76	23.6	19.7	0.75	1690	8.75	0.12	6.1	12.0	510
Q927784		2.80	14.80	0.17	1.0	0.088	2.84	28.0	20.9	0.73	858	2.00	1.10	7.6	2.6	530
Q927785		3.15	13.75	0.17	0.8	0.122	2.78	26.5	13.1	0.78	1660	1.47	0.55	6.4	1.8	490
Q927786		2.63	15.60	0.15	1.0	0.053	3.01	23.3	13.2	0.55	595	1.91	1.53	8.1	2.2	540
Q927787		4.27	13.90	0.15	0.9	0.208	3.10	21.4	13.8	0.66	2740	1.76	0.07	6.3	2.2	490
Q927788		3.10	15.00	0.15	0.9	0.113	3.20	24.4	65.3	0.53	1910	2.41	0.24	7.2	2.2	520
Q927789		3.27	16.75	0.19	1.4	0.061	3.03	25.2	19.9	0.73	621	3.59	1.68	8.0	3.5	700
Q927790		2.02	14.00	0.16	1.9	0.062	2.77	28.4	45.1	0.65	1310	33.5	0.05	7.6	2.6	430
Q927791		2.77	15.05	0.17	0.8	0.063	2.93	25.5	36.4	0.84	2290	2.30	0.05	6.9	2.2	510
Q927792		6.39	15.35	0.16	1.1	0.822	2.79	21.8	19.8	0.76	1760	8.90	0.12	6.3	12.3	520
Q927793		2.35	15.90	0.15	0.9	0.050	2.08	22.7	510	0.59	757	1.67	0.04	7.6	2.1	570
Q927794		2.86	11.30	0.16	0.8	0.107	1.90	14.3	48.6	0.44	1080	19.20	0.02	5.0	2.3	310
Q927795		3.09	16.55	0.18	1.2	0.099	3.25	26.0	50.1	0.57	1240	1.70	0.11	7.9	3.1	560
Q927796		3.17	16.15	0.19	1.2	0.130	3.27	23.6	37.1	0.62	1410	1.76	0.09	7.5	2.3	530
Q927797		3.41	15.90	0.16	1.1	0.463	3.14	19.5	34.3	0.59	1350	1.85	0.11	7.6	2.3	530
Q927798		2.32	16.60	0.16	1.2	0.043	2.65	19.0	109.0	0.52	627	1.83	0.08	8.2	2.0	590
Q927799		2.89	13.40	0.15	1.1	0.020	2.78	13.3	44.5	0.58	717	5.68	0.06	5.7	3.0	580
Q927800		3.65	12.85	0.16	0.8	0.134	2.64	30.4	14.1	0.45	2260	1.87	0.12	5.4	2.1	500
Q933001		2.78	16.75	0.15	1.2	0.075	2.63	19.1	49.1	0.48	566	2.02	0.59	8.0	2.0	570
Q933002		2.98	16.20	0.15	1.2	0.069	2.82	24.7	46.6	0.70	891	2.46	1.24	7.9	2.3	560
Q933003		3.36	11.45	0.13	1.0	0.324	1.95	19.3	38.8	0.52	1520	33.0	0.02	5.5	1.9	390
Q933004		0.48	0.32	0.16	<0.1	0.006	0.05	0.6	1.7	12.35	210	0.18	0.01	0.2	1.9	190
Q933005		4.06	15.30	0.17	1.1	0.136	2.78	24.3	138.5	0.56	1830	10.55	0.05	7.0	2.3	540
Q933006		3.11	16.25	0.15	1.2	0.075	2.88	24.9	31.4	0.45	795	2.25	0.12	8.0	2.3	590
Q933007		3.15	17.10	0.18	1.2	0.079	2.88	28.9	32.9	0.47	797	1.47	0.12	8.1	3.9	600
Q933008		3.34	16.30	0.16	1.2	0.082	3.11	20.9	110.0	0.49	1330	2.87	0.51	8.0	2.3	610
Q933009		3.53	15.45	0.17	1.0	0.123	3.25	30.8	26.5	0.91	1400	0.97	0.15	7.3	2.7	550
Q933010		5.11	14.60	0.15	0.9	0.154	3.10	25.8	12.6	0.68	1080	2.34	0.04	6.3	3.0	520
Q933011		0.45	0.21	0.18	<0.1	<0.005	0.03	0.6	1.2	12.50	195	0.15	<0.01	0.2	1.4	190
Q933012		3.01	16.90	0.23	1.2	0.057	2.89	26.8	14.7	0.76	735	1.07	1.70	8.1	2.3	590
Q933013		2.92	16.55	0.17	1.2	0.078	2.84	25.5	10.0	0.75	892	1.30	1.87	8.0	2.3	580
Q933014		3.31	16.10	0.17	1.2	0.189	3.25	25.0	14.1	0.78	1320	1.03	1.19	7.7	2.2	590
Q933015		3.10	15.55	0.19	1.2	0.229	2.84	22.9	12.0	0.74	846	1.10	1.36	7.2	2.3	530
Q933016		2.04	17.60	0.20	2.9	0.060	2.33	24.0	35.1	0.70	436	1.16	0.24	9.6	4.2	850

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q927781		93.3	118.5	<0.002	0.19	5.96	11.4	1	1.8	231	0.67	<0.05	15.6	0.261	1.56	5.1
Q927782		43.9	108.0	0.002	0.30	5.38	6.5	1	1.1	160.0	0.95	<0.05	17.3	0.148	1.66	9.8
Q927783		1220	154.5	0.003	4.56	60.7	8.5	1	7.4	87.7	0.51	1.26	10.9	0.197	2.38	4.8
Q927784		12.7	124.5	0.002	0.37	3.11	9.2	1	1.6	143.5	0.61	0.13	13.4	0.223	1.66	7.5
Q927785		172.5	135.0	<0.002	0.92	5.71	8.7	<1	1.7	124.5	0.55	0.11	13.1	0.187	1.85	5.0
Q927786		15.8	122.0	0.002	0.15	4.66	10.3	1	1.5	239	0.65	<0.05	14.3	0.238	1.86	5.1
Q927787		1100	181.0	<0.002	3.29	37.7	8.2	1	1.9	66.0	0.54	0.19	10.9	0.201	2.60	4.5
Q927788		1690	146.5	0.003	1.25	83.9	9.5	<1	1.9	125.5	0.57	<0.05	13.1	0.224	2.36	5.8
Q927789		29.9	125.5	0.002	0.13	6.12	12.1	1	2.0	330	0.70	0.06	14.9	0.286	1.82	5.0
Q927790		68.2	139.0	0.003	0.62	15.90	8.6	1	1.5	87.6	0.96	<0.05	23.1	0.180	2.85	7.5
Q927791		517	156.5	<0.002	1.53	18.40	10.5	1	1.9	98.6	0.57	1.61	12.3	0.216	3.17	6.1
Q927792		1265	157.5	0.002	4.63	62.9	10.1	1	7.9	95.8	0.53	1.47	11.8	0.202	2.76	5.6
Q927793		12.6	90.8	<0.002	0.33	28.3	10.7	<1	1.7	194.5	0.63	0.14	13.3	0.245	1.80	2.8
Q927794		949	112.5	0.005	2.55	66.5	6.6	1	2.0	110.5	0.43	0.06	8.6	0.148	2.58	11.1
Q927795		389	167.0	0.002	0.78	23.6	11.2	<1	2.3	97.3	0.65	0.05	15.1	0.242	2.78	4.8
Q927796		540	177.0	0.002	0.98	22.4	10.8	<1	2.6	91.1	0.62	<0.05	14.3	0.226	3.08	4.9
Q927797		1380	133.5	<0.002	1.71	26.4	10.8	1	2.3	106.5	0.64	<0.05	12.2	0.233	2.63	4.2
Q927798		17.3	101.0	<0.002	0.32	11.15	10.7	1	1.7	175.0	0.68	0.13	12.6	0.252	1.96	2.9
Q927799		12.8	126.0	0.003	2.12	6.74	8.9	1	1.2	95.0	0.48	2.51	13.5	0.184	2.08	5.3
Q927800		28.8	138.5	<0.002	3.31	3.32	8.5	1	2.2	155.0	0.42	0.78	11.5	0.166	1.95	3.8
Q933001		17.3	100.5	<0.002	0.34	11.70	10.5	1	1.8	154.5	0.65	0.19	14.0	0.249	1.36	4.0
Q933002		71.1	124.5	<0.002	0.73	5.71	10.9	1	1.6	357	0.67	0.18	14.4	0.251	1.81	5.5
Q933003		>10000	112.0	<0.002	3.13	79.5	7.6	1	3.3	145.0	0.46	0.15	10.6	0.179	2.53	13.0
Q933004		10.0	2.5	<0.002	<0.01	0.25	0.5	<1	<0.2	41.0	<0.05	<0.05	<0.2	<0.005	0.03	0.6
Q933005		4690	140.0	<0.002	1.66	36.7	10.0	<1	3.1	111.5	0.59	0.14	13.6	0.220	2.39	7.0
Q933006		215	120.5	<0.002	0.44	18.45	11.9	1	2.0	105.5	0.67	0.17	14.7	0.252	1.58	2.6
Q933007		180.5	126.0	<0.002	0.43	18.70	12.0	<1	2.0	109.0	0.67	0.16	15.9	0.249	1.65	2.8
Q933008		25.7	138.0	<0.002	0.76	17.95	11.3	1	2.1	165.0	0.64	0.59	12.8	0.255	2.02	4.5
Q933009		124.0	173.0	<0.002	2.30	5.30	11.4	<1	3.0	117.5	0.58	1.12	13.9	0.234	2.88	4.1
Q933010		1005	183.5	<0.002	4.75	12.30	10.0	1	6.4	59.7	0.50	4.26	12.4	0.202	2.67	4.4
Q933011		3.0	1.1	<0.002	0.01	0.09	0.2	<1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02	1.3
Q933012		33.7	124.0	<0.002	0.25	3.14	11.6	1	1.9	318	0.66	0.35	15.1	0.247	1.72	4.8
Q933013		88.6	119.5	<0.002	0.49	2.45	11.7	1	2.1	330	0.64	0.41	14.6	0.246	1.65	4.9
Q933014		354	139.5	<0.002	0.84	3.77	11.1	1	2.6	266	0.64	0.22	14.2	0.251	2.24	4.8
Q933015		172.0	132.5	<0.002	1.05	2.78	10.4	<1	2.4	306	0.59	0.57	13.7	0.219	1.95	4.6
Q933016		100.5	76.6	<0.002	0.07	6.60	4.7	<1	1.7	489	0.68	<0.05	8.9	0.268	1.22	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62
	Analyte	V	W	Y	Zn	Zr	Pb
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
Q927781		71	2.8	18.2	140	31.2	
Q927782		41	2.5	12.9	43	38.5	
Q927783		59	5.6	10.9	2270	26.3	
Q927784		58	1.8	14.2	53	24.2	
Q927785		56	2.3	14.1	605	21.5	
Q927786		63	3.1	15.7	38	26.1	
Q927787		57	4.4	11.7	2000	22.5	
Q927788		61	2.5	16.5	6000	23.1	
Q927789		78	3.1	18.8	86	38.2	
Q927790		54	3.7	15.3	265	46.2	
Q927791		64	3.6	14.6	534	21.7	
Q927792		60	5.8	11.8	2340	29.4	
Q927793		68	5.1	14.0	50	24.5	
Q927794		42	3.7	10.4	2570	21.8	
Q927795		65	4.3	15.5	571	29.3	
Q927796		63	4.1	14.5	977	29.9	
Q927797		65	4.6	14.1	1960	28.9	
Q927798		66	3.4	14.4	39	32.3	
Q927799		56	3.4	14.1	29	27.2	
Q927800		53	3.6	23.3	37	23.0	
Q933001		68	3.5	15.8	39	31.3	
Q933002		65	2.5	16.9	117	30.8	
Q933003		48	6.6	10.9	7000	28.4	1.180
Q933004		4	0.1	0.8	19	<0.5	
Q933005		61	5.1	13.1	1420	29.9	
Q933006		70	4.4	18.0	336	32.0	
Q933007		69	4.5	18.9	269	31.9	
Q933008		75	2.8	15.3	88	30.1	
Q933009		66	2.1	14.1	334	25.2	
Q933010		57	3.2	10.5	618	22.1	
Q933011		2	0.1	0.9	14	<0.5	
Q933012		68	1.5	18.4	47	30.9	
Q933013		69	1.1	18.6	155	32.9	
Q933014		68	1.6	16.1	761	31.6	
Q933015		62	1.3	14.9	435	30.9	
Q933016		41	1.3	8.4	235	103.0	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118403

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Pb-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

CERTIFICATE WH14118404

Project: Klaza

P.O. No.: Batch 117

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

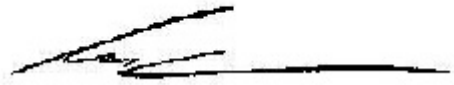
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118404

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926473		3.02	0.031	3.80	6.07	157.0	730	1.37	0.33	3.64	27.5	52.8	7.6	11	15.10	153.5
Q926474		6.68	0.013	1.01	5.97	122.0	1070	1.40	0.16	3.20	4.32	39.7	5.9	9	16.50	31.3
Q926475		7.85	<0.005	0.15	6.72	13.4	1290	1.49	0.15	2.34	0.27	44.7	7.4	16	22.9	10.8
Q926476		3.65	0.018	0.34	6.21	230	620	1.43	0.11	3.50	1.82	47.0	7.0	12	16.55	5.1
Q926477		<0.02	0.021	0.31	6.43	260	630	1.45	0.11	3.63	1.79	47.7	7.1	13	16.90	5.1
Q926478		10.35	<0.005	0.11	7.04	7.5	2360	1.50	0.62	2.69	0.09	48.4	9.2	16	15.70	3.9
Q926479		5.05	<0.005	0.05	7.70	8.5	2000	1.81	0.08	2.18	0.07	52.4	10.2	15	12.70	8.1
Q926480		1.85	0.014	1.33	7.26	91.6	1120	1.53	0.25	2.82	3.87	65.0	9.4	14	21.4	8.3
Q926481		4.55	0.006	0.40	8.07	20.0	1910	1.76	0.22	1.91	0.79	53.6	8.7	11	17.50	11.7
Q926482		1.15	0.006	0.59	7.06	41.0	1200	2.07	0.23	2.25	1.02	76.4	8.9	27	47.9	25.5
Q926483		3.21	<0.005	0.04	7.06	31.0	1230	1.80	0.12	2.68	0.29	77.5	10.2	27	36.3	4.3
Q926484		1.31	<0.005	0.58	6.11	63.5	2790	2.48	0.29	3.09	0.99	66.3	8.2	17	35.4	49.3
Q926485		11.32	<0.005	0.28	6.66	24.3	1380	1.59	0.14	3.02	0.42	71.2	5.1	11	8.86	5.0
Q926486		0.30	1.645	40.9	5.74	2540	120	1.29	38.4	1.71	45.8	38.4	17.6	19	10.55	1250
Q926487		1.21	0.242	5.59	6.23	453	220	1.47	0.94	3.60	13.00	53.0	9.1	9	10.20	26.8
Q926488		7.62	0.013	0.92	6.77	30.7	1780	1.43	0.27	3.75	1.72	70.7	4.6	11	5.78	6.6
Q926489		3.43	0.009	0.84	7.59	109.5	1670	2.20	0.25	2.84	1.66	66.6	8.6	16	23.4	15.3
Q926490		2.97	0.043	4.32	6.63	175.5	730	1.74	0.30	4.38	22.6	48.0	7.3	9	17.85	44.7
Q926491		1.91	0.034	5.45	7.01	187.0	1170	1.81	0.20	4.38	18.50	53.5	8.6	9	18.60	56.9
Q926492		3.68	<0.005	0.29	7.65	47.4	620	1.66	0.10	2.76	0.33	51.1	8.2	9	27.7	11.2
Q926493		2.86	0.008	0.97	7.29	108.5	1510	1.61	0.11	3.18	1.37	49.6	7.4	9	20.9	12.5
Q926494		1.43	0.058	4.10	8.65	360	370	2.41	0.23	4.31	1.26	81.2	10.2	17	27.0	18.2
Q926495		2.55	0.036	2.37	6.54	226	290	1.68	0.76	3.20	39.5	47.4	8.8	11	16.90	13.9
Q926496		7.05	<0.005	0.02	0.11	0.7	30	0.07	0.02	20.3	0.08	1.44	0.6	<1	0.34	2.7
Q926497		7.62	<0.005	0.24	7.26	12.1	2010	1.50	0.11	2.99	0.82	48.8	8.2	27	20.5	18.7
Q926498		4.75	<0.005	0.08	7.60	3.3	2100	1.43	0.09	3.01	0.11	54.3	8.2	11	15.40	7.8
Q926499		0.30	0.874	12.35	6.64	1625	220	1.32	13.00	1.90	32.7	47.9	18.4	16	14.35	302
Q926500		4.74	0.019	1.68	7.32	334	1240	1.35	0.41	3.26	2.77	52.5	9.2	15	19.40	68.8
Q926501		3.11	<0.005	0.12	7.59	42.4	2090	1.57	0.08	2.93	0.13	49.1	8.3	13	14.30	9.3
Q926502		5.78	0.008	1.01	7.60	173.5	1630	1.51	0.31	2.97	6.99	54.7	8.5	18	24.2	15.4
Q926503		5.00	<0.005	0.01	0.06	<0.2	30	0.06	0.02	21.5	0.07	1.20	0.6	<1	0.17	2.0
Q926504		4.25	<0.005	0.21	7.56	17.4	1960	1.46	0.09	3.40	0.72	51.6	8.5	14	15.35	15.8
Q926505		5.48	<0.005	0.14	7.71	12.0	2130	1.58	0.09	3.03	0.19	53.7	8.4	15	11.65	7.2
Q926506		4.41	0.111	3.30	6.36	976	290	1.27	0.26	2.34	15.75	41.0	8.2	10	15.80	22.8
Q926507		10.86	<0.005	0.14	7.47	5.7	1880	1.43	0.12	2.05	0.11	40.3	7.7	12	13.00	11.6
Q926508		6.52	<0.005	0.15	7.22	9.0	1740	1.23	0.12	2.28	0.19	44.3	6.9	11	15.90	17.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118404

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926473		3.58	13.30	0.16	0.9	0.278	2.75	25.1	30.1	1.12	6330	1.07	0.06	6.0	2.7	480
Q926474		2.27	13.70	0.16	1.2	0.064	3.02	17.2	38.7	0.62	3670	7.81	0.09	6.8	1.8	400
Q926475		2.65	15.45	0.17	0.9	0.038	2.42	19.0	100.5	0.70	906	1.42	0.52	7.1	2.5	580
Q926476		2.83	13.45	0.17	0.9	0.083	2.13	21.9	116.5	1.19	2200	1.34	0.03	6.3	2.5	530
Q926477		2.90	13.85	0.17	0.8	0.076	2.15	22.4	118.0	1.25	2240	1.49	0.04	6.4	2.6	520
Q926478		3.14	16.60	0.17	1.2	0.099	2.36	20.5	19.6	0.89	1080	1.02	1.31	8.7	2.7	650
Q926479		3.37	16.95	0.17	1.4	0.050	2.47	22.4	25.1	0.90	637	1.29	1.39	8.7	3.0	670
Q926480		3.16	16.65	0.17	1.3	0.076	2.65	30.2	41.0	1.12	2530	1.30	0.05	8.3	2.6	620
Q926481		3.58	18.10	0.17	1.4	0.055	3.01	25.7	46.6	0.91	1270	0.99	0.50	9.2	3.3	670
Q926482		3.01	18.75	0.18	4.3	0.040	1.66	36.9	178.0	1.08	699	1.14	0.06	11.6	10.9	1470
Q926483		3.01	18.55	0.15	4.6	0.037	1.93	37.8	181.5	1.18	858	1.00	0.07	11.3	12.4	1410
Q926484		2.39	16.35	0.17	3.1	0.038	1.80	32.7	120.5	1.16	981	2.11	0.06	9.8	7.0	950
Q926485		2.27	17.00	0.13	2.6	0.027	0.42	35.2	130.5	1.07	938	1.34	0.03	11.1	2.9	820
Q926486		9.09	14.85	0.13	0.9	1.600	2.58	18.6	16.5	0.71	2320	16.85	0.06	5.1	14.6	450
Q926487		4.10	15.65	0.12	1.7	0.100	1.46	27.1	57.3	1.06	1150	6.82	0.02	8.2	3.4	630
Q926488		2.44	16.50	0.14	2.4	0.028	0.36	35.1	113.0	1.35	1200	1.35	0.03	10.9	2.8	860
Q926489		2.55	19.95	0.17	3.7	0.044	2.88	32.4	45.4	1.06	1600	2.64	0.04	11.4	6.5	1010
Q926490		3.71	16.05	0.13	1.6	0.142	2.68	23.6	19.8	1.42	4190	2.48	0.03	7.6	3.3	690
Q926491		3.87	17.45	0.16	2.0	0.132	2.94	26.3	17.8	1.47	3800	2.55	0.03	8.4	3.9	730
Q926492		2.90	17.95	0.15	1.2	0.041	2.88	24.2	26.9	0.95	1540	1.21	0.04	8.3	2.3	650
Q926493		3.02	16.35	0.14	1.1	0.058	2.91	25.4	20.1	1.02	4340	1.12	0.04	7.6	2.2	610
Q926494		3.28	24.9	0.18	4.5	0.042	3.74	38.5	15.2	1.57	2200	8.51	0.03	13.7	7.8	1280
Q926495		4.36	15.30	0.15	1.1	0.232	2.73	23.3	18.5	1.08	6590	1.52	0.10	7.0	2.7	550
Q926496		0.48	0.30	0.17	<0.1	0.005	0.04	0.7	1.2	12.75	211	0.23	0.01	0.2	1.3	180
Q926497		3.32	17.05	0.16	1.2	0.060	3.13	22.7	11.6	0.83	1520	2.51	1.32	8.3	2.8	610
Q926498		2.95	17.00	0.17	1.2	0.036	2.77	26.5	18.8	0.91	793	1.26	1.96	8.1	2.5	620
Q926499		6.61	16.10	0.13	1.2	0.832	2.88	23.0	18.8	0.79	1790	8.76	0.13	6.8	12.0	530
Q926500		3.87	16.70	0.14	1.3	0.128	3.57	26.5	21.5	1.13	3830	2.25	0.16	8.2	2.8	620
Q926501		3.20	16.90	0.14	1.2	0.048	2.98	23.2	12.2	0.89	1400	1.36	1.85	8.4	2.6	630
Q926502		4.03	17.30	0.16	1.2	0.136	3.68	28.1	41.4	0.99	4210	1.68	0.46	8.3	2.6	620
Q926503		0.47	0.21	0.17	<0.1	<0.005	0.02	0.5	1.1	13.25	206	0.09	0.01	0.1	1.3	200
Q926504		3.52	16.80	0.18	1.2	0.097	3.09	24.5	12.1	0.94	2350	1.39	1.51	8.9	2.7	690
Q926505		3.12	17.60	0.17	1.3	0.037	2.73	25.6	12.8	0.91	955	1.36	2.07	8.7	2.8	650
Q926506		5.79	14.50	0.12	1.0	0.466	2.75	20.3	26.9	0.85	8630	1.29	0.03	6.8	2.3	520
Q926507		3.05	16.40	0.12	1.2	0.050	2.59	18.2	29.5	0.77	877	1.28	0.94	8.5	2.4	690
Q926508		2.72	17.50	0.14	1.1	0.046	2.53	20.0	76.6	0.72	936	1.11	0.10	8.2	2.2	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118404

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926473		396	175.5	<0.002	0.73	66.7	9.8	<1	2.3	122.5	0.50	<0.05	12.3	0.207	2.56	5.1
Q926474		146.0	136.0	<0.002	0.33	16.55	7.5	<1	1.6	144.0	0.67	<0.05	14.3	0.174	2.30	5.4
Q926475		29.7	97.8	<0.002	0.12	11.15	11.1	<1	1.4	233	0.52	<0.05	11.4	0.249	1.76	3.6
Q926476		87.5	111.5	<0.002	0.27	17.30	11.0	1	2.0	175.0	0.45	<0.05	12.5	0.224	1.84	5.1
Q926477		82.0	115.0	<0.002	0.27	17.95	11.2	1	2.0	181.0	0.45	<0.05	11.7	0.227	1.82	5.0
Q926478		11.7	101.5	<0.002	0.13	10.50	12.7	1	1.7	235	0.70	<0.05	14.6	0.273	1.51	4.8
Q926479		18.2	99.9	<0.002	0.03	4.95	14.0	1	1.8	323	0.78	<0.05	13.6	0.293	1.15	5.1
Q926480		167.5	141.5	<0.002	0.24	8.49	14.0	<1	3.1	174.0	0.75	<0.05	13.5	0.289	2.40	6.9
Q926481		66.1	127.0	<0.002	0.14	6.30	12.7	1	2.1	221	0.83	<0.05	15.8	0.291	1.67	5.5
Q926482		27.1	77.0	<0.002	0.10	33.8	7.7	<1	1.9	513	0.77	<0.05	9.1	0.397	1.52	6.4
Q926483		11.8	84.4	<0.002	0.06	29.3	7.9	1	1.1	626	0.77	<0.05	9.0	0.393	1.81	4.2
Q926484		25.0	85.3	<0.002	0.17	34.6	6.1	1	1.1	605	0.65	<0.05	8.8	0.271	1.72	6.2
Q926485		26.3	14.3	<0.002	0.14	8.88	5.9	1	1.2	563	0.78	<0.05	11.3	0.232	0.59	7.0
Q926486		1670	144.5	<0.002	7.99	109.5	8.9	2	11.4	65.6	0.43	0.73	9.8	0.166	2.15	5.8
Q926487		924	70.3	<0.002	3.20	29.7	7.2	1	3.0	364	0.60	0.05	10.9	0.215	1.70	14.6
Q926488		164.5	15.3	<0.002	0.17	8.67	5.7	1	1.3	682	0.75	<0.05	11.1	0.239	0.44	7.0
Q926489		125.5	161.5	<0.002	0.43	37.9	7.9	1	1.7	976	0.84	<0.05	10.9	0.319	3.60	4.8
Q926490		1045	160.0	<0.002	0.70	22.0	9.5	1	4.8	376	0.58	<0.05	11.4	0.248	2.95	5.2
Q926491		1495	179.5	<0.002	0.83	24.7	9.6	1	6.4	311	0.66	<0.05	12.7	0.255	3.36	5.1
Q926492		26.3	123.0	<0.002	0.20	9.77	12.5	1	1.7	215	0.61	<0.05	14.4	0.278	2.89	4.6
Q926493		81.4	144.0	0.002	0.24	9.78	11.3	1	2.0	188.0	0.55	<0.05	14.0	0.255	2.93	4.7
Q926494		86.3	196.0	0.002	1.44	27.7	9.6	1	2.2	485	0.95	<0.05	13.0	0.361	4.82	5.1
Q926495		467	143.0	<0.002	1.34	13.85	10.2	1	2.6	250	0.55	<0.05	11.1	0.234	2.59	3.8
Q926496		1.4	2.1	<0.002	0.01	0.14	0.2	<1	<0.2	48.7	<0.05	<0.05	<0.2	<0.005	0.02	0.8
Q926497		37.8	138.0	<0.002	0.13	5.96	11.4	1	1.7	309	0.64	<0.05	13.7	0.272	1.96	4.4
Q926498		17.4	110.0	<0.002	0.03	1.63	11.7	1	1.6	388	0.66	<0.05	15.1	0.267	1.28	4.7
Q926499		1335	159.5	<0.002	4.76	66.6	9.9	2	8.3	99.7	0.57	1.30	12.3	0.203	2.61	5.6
Q926500		106.5	209	<0.002	1.07	20.4	11.6	1	2.1	168.5	0.67	<0.05	15.3	0.258	2.85	6.2
Q926501		22.2	124.0	<0.002	0.08	4.17	11.8	1	1.6	371	0.68	<0.05	13.7	0.276	1.46	4.9
Q926502		219	202	<0.002	0.87	11.60	11.9	1	2.1	202	0.68	<0.05	15.2	0.265	2.84	5.0
Q926503		0.5	1.1	<0.002	<0.01	0.09	0.2	<1	<0.2	50.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q926504		48.2	142.0	<0.002	0.14	4.10	12.3	1	1.8	339	0.73	<0.05	14.6	0.289	1.75	5.2
Q926505		27.5	109.5	<0.002	0.06	2.86	12.3	1	1.6	386	0.76	<0.05	14.6	0.281	1.15	5.0
Q926506		643	182.0	<0.002	3.13	30.2	9.9	1	3.3	100.0	0.60	<0.05	12.6	0.219	2.68	5.6
Q926507		20.9	102.0	<0.002	0.04	7.33	11.8	1	1.6	282	0.70	<0.05	12.9	0.285	1.17	4.4
Q926508		18.3	90.0	<0.002	0.05	16.00	11.7	1	1.7	171.5	0.63	<0.05	12.1	0.268	1.34	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118404

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926473		64	4.4	16.0	2540	22.5
Q926474		48	4.0	12.9	389	30.9
Q926475		71	6.9	14.3	66	23.1
Q926476		69	2.9	18.3	171	22.9
Q926477		70	3.1	18.6	174	21.0
Q926478		76	6.7	18.1	92	27.2
Q926479		90	3.1	17.5	57	32.4
Q926480		88	4.7	18.3	281	28.9
Q926481		81	5.3	17.9	127	34.3
Q926482		74	3.6	13.7	128	171.0
Q926483		75	3.1	13.4	107	176.0
Q926484		59	2.9	13.0	147	118.5
Q926485		45	3.3	13.0	82	83.5
Q926486		56	7.9	10.0	3460	24.8
Q926487		55	5.3	10.8	1020	54.2
Q926488		46	6.5	12.7	174	81.7
Q926489		67	6.0	14.7	208	139.0
Q926490		64	6.3	14.4	1560	54.0
Q926491		64	6.4	14.7	1290	65.9
Q926492		80	6.0	16.9	66	30.3
Q926493		71	8.8	15.4	146	28.5
Q926494		77	9.3	18.7	123	167.0
Q926495		64	5.9	13.8	2550	28.5
Q926496		2	0.1	0.9	17	1.2
Q926497		77	3.0	16.5	110	29.0
Q926498		75	1.9	18.0	57	27.1
Q926499		63	6.4	12.0	2410	31.6
Q926500		73	4.1	18.5	280	31.1
Q926501		78	2.0	18.0	69	29.8
Q926502		76	4.2	18.4	563	30.1
Q926503		1	0.1	0.8	14	<0.5
Q926504		84	2.5	20.3	117	29.7
Q926505		81	1.3	18.9	68	31.1
Q926506		64	5.9	13.5	1210	24.1
Q926507		80	3.7	16.5	58	29.2
Q926508		78	4.1	15.5	59	27.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118404

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

CERTIFICATE WH14118405

Project: Klaza

P.O. No.: BATCH 119

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

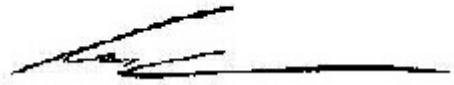
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118405

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q016989		6.05	0.107		14.65	7.37	327	1170	1.50	0.95	2.20	2.66	55.7	11.7	6	26.8
Q016990		4.88	<0.005		0.24	7.28	27.5	6220	1.52	0.64	2.60	0.18	51.1	13.7	7	19.90
Q016991		7.84	<0.005		0.18	7.00	21.7	2010	1.49	0.79	2.34	0.08	45.0	10.2	5	23.0
Q016992		<0.02	<0.005		0.15	7.02	21.2	2020	1.44	0.70	2.30	0.07	46.3	10.1	5	22.9
Q016993		6.82	0.010		0.44	7.82	37.7	1190	1.90	0.91	2.32	0.23	57.3	12.7	6	42.9
Q016994		6.08	0.035		0.44	6.79	55.8	1800	1.40	0.45	2.69	0.26	48.6	8.3	5	17.15
Q016995		0.17	>10.0	14.10	>100	4.43	159.0	360	0.42	2.09	2.10	856	19.10	61.6	45	1.37
Q016996		9.13	0.040		1.33	6.94	266	1970	1.51	0.73	2.87	15.40	48.2	4.1	5	13.35
Q016997		3.34	0.014		1.12	7.75	61.8	1720	1.75	0.64	2.71	2.15	27.9	18.9	1	14.40
Q016998		4.15	0.062		4.57	7.48	908	720	1.51	1.93	1.14	13.35	58.5	4.3	7	7.96
Q016999		4.45	0.654		9.70	4.96	9060	70	1.13	11.80	7.73	6.64	126.0	49.1	3	11.00
Q017000		5.68	<0.005		0.03	0.05	9.9	30	0.05	0.23	20.4	0.10	1.18	0.9	<1	0.16
Q927801		1.20	0.619		9.44	4.85	1715	210	1.13	7.65	8.17	5.95	66.0	68.6	2	5.92
Q927802		5.29	0.368		6.00	7.14	1385	250	1.47	4.77	1.30	3.14	55.2	37.6	7	7.55
Q927803		4.77	0.005		0.19	8.12	16.9	2380	1.44	0.37	1.17	0.21	61.7	7.4	8	21.2
Q927804		0.16	>10.0	13.40	>100	4.51	152.5	340	0.51	1.80	2.10	843	19.15	62.1	45	1.40
Q927805		2.84	2.63		53.3	3.51	9320	20	0.89	15.00	1.69	414	22.3	34.8	6	5.02
Q927806		4.04	0.021		1.47	7.19	51.9	1510	1.67	1.05	2.03	4.10	53.0	12.4	9	15.55
Q927807		2.71	0.013		0.99	7.28	91.0	1740	1.79	0.39	2.58	2.35	51.8	6.1	8	16.35
Q927808		0.80	2.25		>100	2.39	2600	20	0.75	10.75	3.59	229	17.30	22.9	5	5.99
Q927809		3.39	<0.005		0.52	7.76	46.4	1980	1.76	0.40	2.30	1.29	53.4	7.3	10	16.00
Q927810		3.81	8.92		63.5	0.49	9950	80	0.17	76.7	0.90	303	8.42	109.5	3	0.66
Q927811		3.75	0.005		0.10	0.05	10.3	50	0.05	0.11	20.8	0.43	1.20	0.8	<1	0.12
Q927812		3.41	0.342		13.95	6.73	900	260	1.21	2.12	0.27	49.8	52.1	20.0	11	7.15
Q927813		2.71	0.192		7.05	6.23	639	800	1.55	1.01	2.84	77.0	42.6	11.7	6	15.50
Q927814		1.58	0.047		2.60	6.57	241	1620	1.74	0.17	3.66	2.73	50.4	8.0	6	20.7
Q927815		2.93	0.295		6.46	6.95	674	210	1.42	0.68	1.26	38.1	49.3	7.3	8	9.50
Q927816		<0.02	0.290		5.75	7.06	653	190	1.35	0.68	1.31	35.4	47.9	7.4	8	9.50
Q927817		3.29	1.400		72.0	4.69	4150	60	1.24	4.43	1.99	167.0	33.0	21.9	7	11.05
Q927818		2.48	0.411		17.15	6.79	783	190	2.01	5.76	2.64	26.3	58.1	12.1	11	18.30
Q927819		1.57	0.126		12.90	6.98	921	110	1.60	0.24	0.99	39.3	44.3	8.2	7	10.40
Q927820		1.31	1.675		33.7	5.08	2840	40	1.80	15.25	5.87	112.5	41.4	17.0	6	24.4
Q927821		2.27	6.05		>100	0.91	>10000	10	0.39	281	1.27	606	8.29	127.5	3	1.15
Q927822		1.72	0.018		1.87	7.13	88.5	510	2.50	0.71	2.14	16.00	65.8	8.6	15	28.9
Q927823		1.22	0.284		41.5	6.10	901	220	1.68	3.56	3.62	80.6	56.0	9.6	12	25.5
Q927824		2.49	3.84		>100	2.63	3100	20	0.83	204	3.91	96.6	17.00	53.5	1	8.79

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118405

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q016989		156.0	3.82	17.45	0.14	1.1	0.136	2.68	28.1	30.2	0.77	1660	6.37	0.23	7.6	2.7
Q016990		6.3	3.13	16.15	0.16	1.0	0.061	3.13	26.3	54.7	0.89	1340	1.01	0.03	7.1	2.2
Q016991		3.2	3.07	16.50	0.14	1.0	0.094	3.24	21.8	36.3	0.74	1120	0.97	0.04	7.6	2.3
Q016992		3.9	3.03	15.95	0.13	1.0	0.090	3.19	22.8	35.5	0.74	1140	0.78	0.04	7.4	2.2
Q016993		8.2	3.10	17.40	0.19	1.2	0.084	3.18	29.3	40.5	0.72	1600	1.92	0.04	8.2	2.4
Q016994		4.4	3.31	14.95	0.12	1.2	0.067	3.10	24.8	46.4	0.81	2080	1.10	0.14	7.2	2.1
Q016995		>10000	9.30	16.85	0.15	0.6	3.17	0.80	8.6	5.7	0.83	1640	157.0	1.09	2.3	18.1
Q016996		15.1	3.20	15.10	0.14	1.0	0.106	3.22	24.6	22.9	1.07	2660	0.91	0.03	6.7	2.1
Q016997		7.0	7.26	20.9	0.20	1.0	0.079	3.69	13.4	36.1	1.40	5730	3.98	0.05	5.5	4.0
Q016998		131.5	3.99	16.75	0.23	1.1	0.305	3.68	34.8	8.5	0.52	1520	1.84	0.04	8.6	2.5
Q016999		86.2	7.88	11.60	0.22	0.8	0.243	2.29	81.7	15.4	0.38	1780	0.89	0.03	6.0	3.4
Q017000		3.2	0.46	0.15	0.09	<0.1	<0.005	0.02	0.6	1.0	12.55	199	0.19	<0.01	0.2	1.6
Q927801		89.4	7.01	11.45	0.16	0.8	0.263	2.27	41.6	15.1	0.80	1960	0.68	0.03	5.8	3.6
Q927802		61.9	5.26	15.90	0.15	1.0	0.268	3.44	33.0	7.1	0.59	1040	0.59	0.04	7.9	2.8
Q927803		7.8	3.05	18.35	0.24	1.3	0.042	2.89	33.8	94.3	0.47	708	1.10	0.11	9.5	2.8
Q927804		>10000	9.27	16.80	0.15	0.6	3.26	0.82	9.4	6.7	0.82	1650	162.5	1.10	2.4	19.3
Q927805		439	8.83	8.95	0.11	0.5	3.54	1.61	8.4	19.5	0.73	2030	10.75	0.02	3.5	3.0
Q927806		10.2	3.69	17.00	0.17	1.1	0.128	3.30	29.2	27.9	0.75	1620	2.25	0.08	8.5	3.0
Q927807		15.1	3.05	17.65	0.18	1.2	0.076	3.21	27.1	31.8	0.60	1300	1.33	0.94	9.0	2.4
Q927808		427	10.75	5.89	0.10	0.5	1.475	1.06	8.6	23.0	0.56	1720	9.40	0.02	2.5	3.6
Q927809		13.6	3.04	17.40	0.17	1.1	0.052	2.90	29.5	24.7	0.67	843	0.76	1.79	8.8	2.5
Q927810		394	25.1	2.19	0.13	0.1	3.05	0.22	4.3	12.5	0.08	989	5.06	0.01	0.4	2.4
Q927811		3.2	0.49	0.15	<0.05	<0.1	0.007	0.02	0.6	1.0	12.75	193	0.17	0.01	0.1	1.2
Q927812		165.5	4.48	18.50	0.16	1.2	0.483	3.09	30.1	9.1	0.27	520	0.85	0.02	8.0	2.9
Q927813		73.4	4.01	14.95	0.16	1.1	0.319	2.67	23.7	13.0	1.03	6120	2.68	0.02	7.2	2.8
Q927814		16.8	2.53	16.00	0.18	1.2	0.133	2.84	27.4	10.2	1.29	3800	1.85	0.03	8.4	2.8
Q927815		52.6	4.95	17.05	0.17	1.2	0.294	3.05	27.0	8.9	0.53	1910	1.57	0.02	7.8	3.0
Q927816		47.9	5.05	17.20	0.22	1.2	0.291	3.11	26.9	9.2	0.55	2050	2.45	0.02	7.9	3.0
Q927817		185.5	5.48	12.00	0.13	1.0	0.456	1.98	18.6	17.9	0.73	1350	2.15	0.02	5.1	3.9
Q927818		92.8	3.80	17.35	0.15	2.6	0.218	1.89	31.3	48.0	1.03	1520	3.59	0.03	10.3	4.8
Q927819		54.8	4.55	16.35	0.20	1.2	0.317	3.03	22.2	13.7	0.48	2690	2.55	0.02	7.5	3.8
Q927820		196.5	6.12	13.20	0.14	1.6	0.717	1.98	22.1	17.0	1.90	4010	2.71	0.02	6.8	4.6
Q927821		3990	21.3	3.99	0.15	0.2	7.34	0.25	4.5	14.9	0.46	919	4.10	0.01	1.0	2.8
Q927822		21.8	2.73	18.70	0.15	3.3	0.067	2.49	36.4	50.1	0.85	965	1.50	0.04	11.1	5.9
Q927823		248	3.43	16.05	0.16	2.8	0.561	2.22	29.9	50.3	0.92	1740	8.10	0.04	9.1	6.5
Q927824		2050	18.55	7.08	0.12	0.8	3.21	0.93	7.4	13.1	1.14	9190	5.57	0.01	3.4	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118405

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q016989		590	652	145.0	<0.002	1.48	101.0	11.3	1	2.0	171.5	0.61	0.07	14.2	0.227	2.18
Q016990		560	12.5	171.0	<0.002	0.55	14.45	10.6	1	2.0	248	0.56	<0.05	14.7	0.211	2.99
Q016991		540	6.6	162.0	<0.002	0.27	10.75	10.1	1	1.8	172.5	0.61	<0.05	13.6	0.221	3.39
Q016992		540	6.1	163.0	<0.002	0.27	10.50	10.0	1	2.0	170.5	0.63	<0.05	13.8	0.224	3.38
Q016993		600	16.3	171.0	<0.002	0.50	12.30	11.2	1	2.4	187.5	0.67	0.06	16.3	0.245	2.52
Q016994		520	16.8	150.0	<0.002	0.79	13.90	9.8	1	1.9	155.5	0.62	<0.05	14.3	0.209	2.44
Q016995		560	>10000	25.2	0.076	>10.0	189.5	11.4	9	19.5	221	0.16	0.55	2.0	0.175	7.59
Q016996		560	338	162.0	<0.002	0.32	10.25	9.9	1	2.0	124.0	0.53	0.05	12.7	0.211	2.59
Q016997		1130	219	187.0	0.002	1.17	7.44	12.7	<1	1.8	119.5	0.31	<0.05	3.0	0.371	2.94
Q016998		620	748	243	<0.002	2.09	15.75	10.8	1	4.7	28.8	0.72	<0.05	15.1	0.252	3.16
Q016999		390	360	144.0	<0.002	7.34	27.5	6.8	1	7.6	156.0	0.51	2.41	10.6	0.170	1.80
Q017000		190	2.5	1.1	<0.002	0.01	0.10	0.1	<1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02
Q927801		370	312	148.5	<0.002	6.42	19.65	6.6	1	6.6	162.0	0.47	2.97	9.8	0.165	1.73
Q927802		580	522	228	<0.002	3.85	15.05	9.9	1	6.5	28.5	0.66	1.62	14.0	0.229	2.75
Q927803		630	21.3	141.5	0.002	0.35	18.90	11.6	1	2.0	134.5	0.79	0.27	17.1	0.265	1.55
Q927804		570	>10000	27.3	0.079	>10.0	182.0	10.8	10	19.5	220	0.16	0.53	1.8	0.179	9.41
Q927805		240	7680	98.9	0.003	9.95	132.5	5.2	2	6.8	52.9	0.28	1.23	5.2	0.098	2.17
Q927806		590	291	168.0	<0.002	1.04	12.30	10.6	1	2.9	87.2	0.69	0.58	14.9	0.251	2.53
Q927807		590	183.0	148.5	<0.002	0.37	11.80	10.7	<1	2.4	212	0.73	0.13	15.6	0.250	1.95
Q927808		170	>10000	69.6	0.002	>10.0	201	3.2	2	4.2	83.3	0.21	2.43	4.2	0.077	5.20
Q927809		580	122.0	132.0	0.002	0.20	8.48	10.3	<1	1.8	294	0.71	0.15	15.5	0.253	1.36
Q927810		30	4180	13.6	0.007	>10.0	122.5	0.7	4	18.5	28.2	<0.05	4.98	0.6	0.013	0.54
Q927811		200	10.2	0.9	<0.002	0.05	0.25	0.1	<1	<0.2	51.3	<0.05	<0.05	<0.2	<0.005	<0.02
Q927812		450	641	191.5	<0.002	4.26	48.0	10.3	1	17.5	30.6	0.63	0.19	14.0	0.239	2.66
Q927813		500	870	160.0	<0.002	1.84	25.9	9.4	1	5.5	151.0	0.58	0.15	12.0	0.217	2.75
Q927814		600	174.0	149.5	<0.002	0.43	13.45	10.6	1	2.8	167.5	0.60	<0.05	15.1	0.253	3.22
Q927815		570	798	169.5	<0.002	4.74	19.65	10.2	<1	7.0	60.2	0.48	<0.05	14.5	0.242	2.83
Q927816		570	823	170.5	<0.002	4.86	18.65	10.3	1	7.1	61.0	0.52	<0.05	14.4	0.253	2.85
Q927817		450	>10000	115.0	<0.002	5.67	99.3	5.9	1	7.7	184.0	0.35	0.42	8.2	0.158	2.99
Q927818		760	2200	119.0	0.002	2.37	59.8	6.9	<1	3.6	512	0.74	0.28	9.9	0.248	2.28
Q927819		580	4430	181.5	<0.002	3.37	34.4	10.3	1	5.1	112.0	0.60	<0.05	12.6	0.246	3.08
Q927820		630	4030	121.5	<0.002	4.75	68.4	6.1	1	5.6	638	0.49	0.50	8.0	0.187	2.43
Q927821		70	>10000	13.2	0.006	>10.0	371	1.1	4	18.7	27.5	0.08	12.00	1.3	0.027	1.30
Q927822		1080	129.0	144.0	<0.002	0.40	16.30	6.8	1	1.4	227	0.79	<0.05	10.5	0.277	2.84
Q927823		950	4030	125.0	0.003	1.64	72.0	6.2	1	4.9	398	0.63	0.18	8.8	0.249	2.67
Q927824		270	7000	60.0	0.005	>10.0	202	2.8	2	16.4	110.5	0.25	8.03	3.5	0.091	1.71

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118405

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q016989		17.4	69	2.8	15.9	504	27.0					
Q016990		4.9	64	2.3	14.9	67	26.2					
Q016991		5.5	63	2.3	12.9	48	25.4					
Q016992		5.6	62	2.3	13.0	46	25.2					
Q016993		10.3	67	2.6	14.9	67	30.9					
Q016994		3.2	61	1.9	12.4	68	31.1					
Q016995		2.3	123	8.6	12.2	>10000	12.2	129	2.76	2.45	15.50	
Q016996		3.4	65	1.9	14.0	1080	26.7					
Q016997		2.8	135	5.6	16.4	259	37.9					
Q016998		5.1	69	5.0	10.8	1300	27.2					
Q016999		15.5	47	7.9	20.3	1090	21.8					
Q017000		0.7	1	0.1	0.8	18	<0.5					
Q927801		9.1	45	8.1	16.7	954	20.2					
Q927802		4.8	62	8.7	9.7	362	25.5					
Q927803		3.9	71	3.8	17.8	45	34.3					
Q927804		2.2	122	8.4	12.3	>10000	10.5	131	2.80	2.45	15.50	
Q927805		8.6	32	3.1	6.0	>10000	13.0				3.34	
Q927806		5.2	68	4.0	15.7	375	28.7					
Q927807		4.7	67	6.6	17.3	254	30.6					
Q927808		6.9	24	3.4	8.4	>10000	15.6	169		5.26	1.945	
Q927809		4.6	65	2.0	17.6	148	30.5					
Q927810		1.0	6	0.4	4.2	>10000	1.4				2.06	
Q927811		0.7	1	0.1	0.8	49	<0.5					
Q927812		5.0	68	8.6	8.3	3360	29.8					
Q927813		7.3	61	6.1	11.7	5080	25.3					
Q927814		7.1	69	7.7	14.3	204	29.9					
Q927815		4.1	68	5.8	8.4	2830	29.9					
Q927816		4.0	69	5.8	8.7	2730	29.4					
Q927817		4.1	44	4.7	6.6	>10000	30.8			1.330	1.090	
Q927818		9.6	55	6.5	12.8	1780	94.3					
Q927819		6.7	69	6.5	9.3	3260	28.4					
Q927820		3.4	45	7.0	11.2	8650	57.1					
Q927821		4.1	9	1.0	2.6	>10000	5.7	318		1.180	5.98	1.155
Q927822		9.6	61	3.2	13.6	1620	127.5					
Q927823		6.9	54	2.9	13.1	6390	108.5					
Q927824		3.9	21	2.2	8.6	8470	26.6	241				

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14118405

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21d
LOG-22	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

CERTIFICATE WH14119110

Project: KLAZA

P.O. No.: Batch 147

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

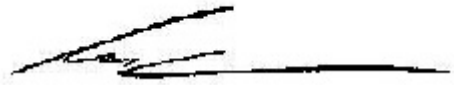
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119110

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934375		1.52	0.093	2.02	6.53	159.0	810	1.13	1.74	1.94	8.87	40.4	16.2	5	7.81	36.4
Q934376		2.03	0.008	0.52	6.68	40.6	1300	1.27	0.44	2.97	5.17	47.7	4.7	6	11.40	10.6
Q934377		4.42	0.006	0.26	7.11	71.5	1680	1.46	0.34	2.22	0.61	43.8	6.6	8	15.85	8.8
Q934378		5.29	0.008	0.61	7.33	118.5	2070	1.58	0.35	1.84	2.70	46.7	7.0	7	16.65	7.3
Q934379		2.54	0.006	0.23	7.55	42.5	2000	1.68	0.28	1.85	0.98	49.0	8.5	7	18.30	7.8
Q934380		4.64	0.011	0.58	7.36	101.0	1570	1.44	0.45	1.53	4.63	46.4	9.0	7	16.55	11.3
Q934381		5.53	<0.005	0.01	0.10	<0.2	30	0.08	0.02	20.0	0.07	1.26	0.6	<1	0.19	1.5
Q934382		0.81	<0.005	0.25	7.51	51.9	1940	1.44	0.21	0.90	1.02	52.4	5.5	7	21.3	11.3
Q934383		1.43	0.035	3.57	7.10	207	1210	1.38	1.07	1.07	18.35	57.5	10.4	7	10.90	30.8
Q934384		3.35	<0.005	0.46	6.79	16.1	1790	1.60	0.26	2.31	1.27	50.4	5.7	9	14.55	5.7
Q934385		4.41	0.013	0.20	6.66	15.1	2090	1.52	0.21	2.47	0.26	47.4	7.0	10	12.35	12.3
Q934386		2.28	0.014	0.25	7.45	15.6	2240	1.58	0.23	2.67	0.40	49.3	6.5	9	11.75	16.2
Q934387		3.04	0.021	3.02	6.48	99.2	1390	1.53	0.47	2.42	9.10	45.0	7.3	7	17.50	22.9
Q934388		2.85	<0.005	0.04	7.27	3.7	2120	1.75	0.06	2.51	0.10	58.5	6.9	13	7.93	7.3
Q934389		4.78	0.005	0.13	6.93	7.2	2050	1.59	0.15	2.47	0.13	46.7	7.8	17	9.82	8.9
Q934390		6.35	0.006	0.38	7.39	60.9	1890	1.49	0.25	2.13	1.97	50.2	7.0	11	12.60	14.1
Q934391		0.32	0.848	12.10	6.40	1500	180	1.37	12.35	1.81	31.7	46.4	17.2	18	13.35	277
Q934392		3.49	0.024	3.99	7.08	399	870	1.67	0.64	1.71	19.75	66.6	9.5	9	14.55	74.2
Q934393		7.60	0.087	4.08	7.15	558	730	1.45	1.50	1.36	22.6	59.2	7.4	9	13.30	25.8
Q934394		2.86	0.043	3.40	7.24	431	900	1.59	0.95	1.40	13.50	58.5	7.8	7	14.25	22.3
Q934395		3.33	0.066	4.65	7.06	522	520	1.48	2.89	1.36	24.7	52.7	8.9	8	10.40	35.3
Q934396		3.71	0.055	4.67	6.93	472	220	1.61	1.36	1.42	23.5	53.3	7.5	9	11.60	46.6
Q934397		<0.02	0.055	4.65	6.93	461	190	1.49	1.30	1.41	22.1	52.7	7.2	9	11.50	46.3
Q934398		1.79	0.014	1.40	7.35	111.5	1240	1.42	0.61	1.66	6.75	47.8	6.9	8	17.30	64.0
Q934399		1.98	0.007	0.43	7.02	19.1	1690	1.59	0.57	2.31	0.56	82.5	5.7	9	22.2	12.9
Q934400		2.52	<0.005	0.27	7.03	21.2	1570	1.57	0.30	2.56	1.20	48.5	6.1	9	23.0	48.7
Q935651		0.29	0.410	4.61	6.69	690	410	1.43	3.46	1.96	10.85	49.7	12.0	24	13.70	314
Q935652		0.73	0.028	0.99	6.89	176.5	1460	1.59	0.65	2.78	6.49	48.2	7.8	7	22.9	21.6
Q935653		0.93	<0.005	0.15	7.14	17.8	1910	1.42	0.15	2.40	0.38	47.7	9.3	9	19.30	9.6
Q935654		4.01	<0.005	0.17	7.14	22.1	1770	1.54	0.26	2.04	1.90	59.9	9.8	9	12.50	19.1
Q935655		3.91	0.041	1.78	7.18	61.1	1560	1.70	2.63	1.45	24.2	63.8	12.5	7	10.70	321
Q935656		0.83	0.008	0.26	7.93	19.6	1880	2.04	0.39	1.56	0.85	43.8	5.3	8	10.70	41.3
Q935657		7.31	0.010	0.58	7.40	71.3	2430	1.48	0.57	1.40	8.45	54.8	6.0	8	13.50	72.5
Q935658		6.24	0.076	1.86	7.96	282	1880	1.61	1.98	0.46	35.7	58.5	10.4	8	10.80	180.5
Q935659		1.24	0.991	20.8	6.29	1960	400	1.15	10.90	1.94	85.5	52.4	8.4	6	15.15	246
Q935660		5.55	<0.005	0.06	0.08	3.9	60	0.07	0.05	19.65	0.30	1.32	0.6	1	0.15	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119110

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934375		5.43	15.75	0.09	0.9	0.225	2.70	23.5	32.3	1.09	2270	1.58	0.09	5.6	3.1	450
Q934376		2.79	14.90	0.10	0.9	0.132	2.26	26.4	31.8	1.12	1590	2.19	0.12	6.5	2.6	540
Q934377		3.19	16.05	0.11	1.1	0.094	2.66	21.1	31.5	0.61	863	1.23	0.89	7.5	2.9	600
Q934378		3.31	15.90	0.12	1.1	0.134	2.95	23.8	22.4	0.68	824	5.27	0.91	7.5	3.3	560
Q934379		3.58	16.45	0.13	1.1	0.081	3.03	25.6	24.6	0.71	586	8.84	0.90	7.9	3.2	580
Q934380		3.34	16.80	0.13	1.1	0.140	2.82	23.3	25.2	0.61	1300	5.88	0.10	7.8	2.8	570
Q934381		0.45	0.23	0.06	<0.1	0.006	0.03	0.6	1.1	12.15	199	0.11	0.01	0.3	1.5	210
Q934382		2.98	16.20	0.14	1.2	0.055	2.85	29.0	32.3	0.26	618	1.17	1.56	7.5	2.7	560
Q934383		5.40	15.45	0.13	1.2	0.291	3.10	31.7	21.1	0.95	2400	1.03	0.05	7.1	2.6	500
Q934384		2.85	16.00	0.12	1.4	0.085	2.55	25.0	11.4	0.65	840	2.27	1.68	8.0	2.5	520
Q934385		2.74	16.10	0.13	1.2	0.079	2.61	23.1	8.0	0.67	926	1.72	1.86	7.9	2.9	530
Q934386		2.90	16.10	0.13	1.1	0.093	2.73	26.0	8.3	0.75	1080	1.58	2.00	7.9	2.6	580
Q934387		3.76	15.55	0.11	1.1	0.252	2.99	22.2	17.5	0.80	1880	2.89	0.48	7.4	2.5	570
Q934388		2.90	16.45	0.11	1.3	0.037	2.72	29.4	11.1	0.79	588	5.01	2.15	8.9	3.0	570
Q934389		2.82	15.90	0.08	1.2	0.056	2.72	22.3	9.4	0.70	679	0.88	2.04	8.4	2.6	550
Q934390		3.44	15.70	0.10	1.2	0.132	2.87	24.7	21.7	0.76	1300	4.75	1.03	8.0	2.5	600
Q934391		6.29	14.70	0.07	1.1	0.765	2.75	23.9	19.1	0.72	1740	9.14	0.12	6.2	11.5	490
Q934392		4.30	15.15	0.08	1.0	0.278	3.19	37.0	18.0	0.87	2540	12.30	0.04	7.1	2.2	540
Q934393		5.87	15.50	0.09	1.1	0.251	3.11	32.4	20.5	0.90	2740	2.12	0.04	7.4	2.3	520
Q934394		5.62	15.20	0.07	1.2	0.205	3.06	31.9	49.2	1.06	2840	1.69	0.04	7.5	2.0	530
Q934395		5.52	15.00	0.08	1.0	0.407	3.24	28.2	17.0	0.89	2840	4.52	0.03	6.9	2.4	520
Q934396		6.35	15.05	0.06	1.0	0.371	3.19	27.9	11.5	0.91	3350	11.30	0.03	6.8	2.3	500
Q934397		6.30	15.15	0.07	0.9	0.356	3.15	28.4	11.2	0.90	3250	8.50	0.03	6.8	2.6	500
Q934398		3.40	15.75	0.05	1.0	0.230	2.70	24.2	31.7	0.70	2030	8.94	0.07	7.7	1.9	570
Q934399		2.73	15.55	0.08	1.4	0.107	2.93	43.4	22.4	0.61	829	0.75	1.35	8.2	2.2	480
Q934400		2.32	15.25	0.07	1.2	0.060	2.28	24.3	11.1	0.66	579	1.07	2.07	7.7	2.6	540
Q935651		4.90	15.25	0.07	1.1	0.297	2.97	27.6	25.6	0.74	1850	15.60	0.15	6.2	14.3	490
Q935652		3.92	14.55	0.06	0.8	0.070	3.10	25.4	16.5	0.94	4880	3.77	0.34	6.7	2.4	500
Q935653		2.80	16.10	0.06	1.0	0.042	2.52	23.8	16.4	0.72	605	1.85	1.59	7.8	2.4	560
Q935654		2.96	15.60	0.06	1.3	0.063	2.76	30.8	20.5	0.66	726	2.13	1.64	7.6	2.3	480
Q935655		4.39	16.70	0.07	1.1	0.243	2.87	33.5	21.3	0.62	1690	1.12	0.42	7.2	2.6	500
Q935656		4.28	17.05	0.06	1.2	0.104	2.83	21.1	27.3	0.73	667	1.04	0.59	7.9	2.4	610
Q935657		3.77	16.00	0.06	1.1	0.103	2.96	27.7	26.6	0.68	1160	1.80	0.41	8.1	2.6	560
Q935658		4.74	16.90	0.07	1.1	0.165	3.30	29.5	23.1	0.48	1730	2.19	0.27	8.0	3.1	580
Q935659		3.67	14.20	0.06	0.9	0.180	2.65	28.3	14.5	0.64	2400	5.41	0.03	7.0	1.9	500
Q935660		0.45	0.23	0.05	<0.1	<0.005	0.03	0.6	1.0	12.45	194	0.20	0.01	0.2	1.0	190

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119110

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934375		252	163.5	<0.002	2.47	8.15	9.1	1	4.6	69.9	0.48	0.27	11.9	0.203	2.55	3.1
Q934376		71.4	117.0	0.002	0.27	7.49	9.1	1	3.6	111.5	0.54	<0.05	12.3	0.218	1.86	4.5
Q934377		32.9	100.5	<0.002	0.20	5.85	9.5	1	2.4	185.0	0.62	<0.05	11.1	0.258	1.61	3.5
Q934378		180.5	137.0	0.002	0.21	8.83	10.1	1	2.2	186.0	0.65	<0.05	12.9	0.255	1.92	2.3
Q934379		50.9	137.5	0.003	0.20	4.77	10.2	1	1.8	180.5	0.63	<0.05	15.2	0.256	1.78	3.9
Q934380		196.0	126.0	0.002	0.27	7.64	9.8	1	2.2	82.9	0.63	<0.05	13.7	0.260	2.10	2.5
Q934381		1.9	1.3	<0.002	<0.01	0.07	0.2	1	<0.2	44.8	<0.05	<0.05	0.2	0.005	<0.02	0.6
Q934382		18.5	126.5	<0.002	0.02	3.97	9.9	<1	1.9	188.0	0.65	<0.05	14.3	0.248	1.37	2.3
Q934383		879	192.0	<0.002	1.64	6.55	9.1	1	5.1	32.4	0.66	0.05	13.7	0.223	2.86	4.9
Q934384		96.7	117.5	<0.002	0.10	4.95	9.5	1	2.0	281	0.82	<0.05	13.3	0.239	1.64	5.0
Q934385		24.8	115.0	0.002	0.15	2.58	9.7	1	2.1	299	0.72	<0.05	12.8	0.243	1.62	4.7
Q934386		28.1	127.0	<0.002	0.17	2.69	10.0	1	2.1	317	0.71	0.05	13.1	0.251	1.64	5.2
Q934387		648	150.5	<0.002	0.96	6.73	9.6	1	2.9	149.5	0.62	0.08	11.2	0.237	2.61	5.6
Q934388		17.8	117.5	<0.002	0.01	0.73	11.4	1	1.5	358	0.81	<0.05	15.2	0.248	1.09	4.6
Q934389		19.7	104.0	<0.002	0.06	1.18	9.9	1	1.6	336	0.72	<0.05	13.9	0.230	1.17	4.0
Q934390		82.8	127.0	<0.002	0.33	6.19	11.4	1	2.0	217	0.66	<0.05	14.7	0.243	1.67	4.6
Q934391		1260	161.5	<0.002	4.31	61.9	8.9	2	7.7	93.7	0.50	1.63	11.6	0.192	2.47	4.9
Q934392		943	195.0	0.004	0.95	21.2	10.0	1	5.1	46.4	0.55	0.07	14.2	0.215	2.87	3.0
Q934393		992	182.5	<0.002	2.32	9.03	9.6	1	5.7	39.7	0.65	0.09	14.3	0.222	2.86	5.3
Q934394		664	174.5	<0.002	1.58	9.39	9.8	1	5.2	48.6	0.64	0.05	15.4	0.220	2.75	5.1
Q934395		956	204	<0.002	2.11	9.95	9.6	1	5.3	28.8	0.55	0.06	14.7	0.213	3.09	6.0
Q934396		1100	188.0	<0.002	2.65	12.75	9.5	1	6.1	31.7	0.54	0.11	13.4	0.210	2.98	5.5
Q934397		1060	190.5	<0.002	2.59	12.90	9.6	1	6.3	30.4	0.52	0.11	12.9	0.206	2.95	5.5
Q934398		374	123.0	0.002	0.45	17.05	9.9	1	3.0	116.0	0.64	0.11	14.4	0.235	1.97	4.6
Q934399		31.8	124.5	<0.002	0.18	2.78	9.8	1	1.8	235	0.78	<0.05	20.7	0.216	1.61	5.8
Q934400		17.1	106.0	<0.002	0.05	13.45	10.4	1	1.4	231	0.62	<0.05	16.3	0.231	1.27	6.9
Q935651		473	160.0	0.003	2.52	28.1	9.2	1	5.6	108.5	0.49	0.33	11.3	0.196	2.40	4.9
Q935652		316	153.5	<0.002	0.57	8.43	9.3	1	1.6	122.5	0.52	<0.05	12.4	0.214	2.12	5.5
Q935653		18.2	103.0	<0.002	0.07	1.97	10.8	1	1.7	288	0.64	<0.05	13.6	0.237	1.12	4.5
Q935654		19.9	112.5	<0.002	0.18	3.23	9.6	1	1.7	262	0.67	<0.05	18.4	0.210	1.34	4.6
Q935655		85.8	141.5	<0.002	0.70	7.28	9.9	1	2.3	95.1	0.58	0.14	20.3	0.202	2.09	5.9
Q935656		20.8	102.0	<0.002	0.10	5.42	11.1	1	2.1	126.0	0.55	0.06	14.8	0.253	1.47	8.0
Q935657		66.9	132.5	<0.002	0.23	9.68	10.4	1	2.3	111.5	0.68	0.05	19.4	0.228	1.93	4.5
Q935658		157.0	163.0	<0.002	0.73	9.54	10.9	1	2.8	56.9	0.67	0.06	14.7	0.228	2.14	4.9
Q935659		560	141.5	<0.002	2.11	112.0	9.6	1	2.9	55.5	0.52	0.12	9.8	0.220	2.49	5.4
Q935660		2.8	1.3	<0.002	<0.01	0.31	0.2	1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	0.02	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119110

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934375		66	5.4	9.4	930	22.1
Q934376		61	3.3	14.7	560	23.1
Q934377		73	2.5	13.1	236	28.4
Q934378		70	2.3	13.9	476	27.8
Q934379		69	2.1	14.4	166	27.9
Q934380		69	3.4	13.5	628	28.9
Q934381		2	0.1	0.8	15	<0.5
Q934382		67	1.6	16.9	524	27.1
Q934383		61	5.2	10.3	1870	29.1
Q934384		63	1.8	15.2	184	31.9
Q934385		65	1.7	15.1	56	31.2
Q934386		69	1.9	15.8	82	27.2
Q934387		64	3.6	13.1	1000	28.3
Q934388		71	1.2	19.2	46	33.7
Q934389		66	0.8	16.0	53	33.1
Q934390		71	2.3	17.1	243	32.6
Q934391		61	5.8	11.0	2300	29.6
Q934392		63	5.1	13.2	1890	28.1
Q934393		62	5.9	12.1	1820	29.2
Q934394		64	5.2	12.3	1110	35.4
Q934395		62	5.4	10.8	1990	29.3
Q934396		63	7.2	10.6	2010	26.1
Q934397		62	7.0	10.6	1830	25.5
Q934398		68	3.3	12.4	626	26.9
Q934399		62	1.8	16.6	96	36.3
Q934400		68	1.9	15.7	116	29.4
Q935651		65	5.4	11.9	861	30.5
Q935652		62	2.2	16.7	576	22.5
Q935653		66	1.5	16.1	82	24.1
Q935654		63	1.4	14.9	294	34.7
Q935655		64	2.2	14.6	1640	31.4
Q935656		74	1.5	13.7	337	33.9
Q935657		67	2.5	14.2	963	29.5
Q935658		69	3.2	16.3	3190	29.7
Q935659		67	4.7	12.2	9280	23.9
Q935660		2	0.1	0.8	43	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119110

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

CERTIFICATE WH14119111

Project: KLAZA

P.O. No.: Batch 149

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

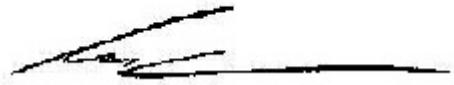
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119111

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933768		3.80	<0.005	0.12	7.77	11.8	2730	1.55	0.49	2.45	0.10	47.7	11.3	14	11.70	2.5
Q933769		3.30	<0.005	0.11	7.18	18.2	3860	1.50	0.66	2.15	0.18	44.9	8.1	10	15.90	9.6
Q933770		4.00	0.018	0.51	7.00	46.3	1780	1.73	1.50	2.59	0.36	48.9	8.7	13	11.50	1.8
Q933771		2.94	<0.005	0.12	7.56	10.2	2590	1.60	0.27	2.20	0.14	49.5	8.6	10	18.75	6.7
Q933772		1.92	0.005	0.09	7.17	11.2	3540	1.27	0.45	1.89	0.19	44.6	9.3	15	10.20	22.0
Q933773		6.88	<0.005	0.24	8.12	8.8	3030	1.44	0.67	1.68	0.27	50.7	7.1	10	15.80	38.1
Q933774		2.53	0.008	0.20	7.83	12.6	2600	1.37	0.77	1.63	0.25	53.1	11.4	8	14.80	39.1
Q933775		4.16	<0.005	0.09	7.52	6.0	2280	1.56	0.60	2.54	0.14	47.1	6.9	13	15.60	10.7
Q933776		11.39	0.006	0.14	7.18	10.0	2410	1.51	0.50	2.42	0.12	41.9	9.4	13	11.90	13.3
Q933777		4.73	<0.005	0.13	7.54	7.3	2270	1.53	1.98	2.27	0.14	46.4	12.9	10	16.15	10.6
Q933778		0.30	0.849	11.10	6.64	1520	600	1.37	11.95	1.83	32.2	46.3	18.1	18	13.45	285
Q933779		1.50	0.056	4.39	6.71	78.2	2480	1.47	1.36	2.13	5.77	42.4	9.8	10	16.15	63.9
Q933780		9.37	<0.005	0.09	7.22	4.6	2210	1.51	0.55	2.31	0.15	46.4	6.2	13	17.05	7.5
Q933781		4.53	0.201	1.09	6.72	223	2770	1.38	0.60	2.84	0.25	43.7	7.2	12	17.60	85.8
Q933782		3.20	0.007	0.61	6.33	55.4	2630	1.25	0.27	3.21	0.90	47.9	6.6	8	12.55	9.3
Q933783		0.28	0.370	4.41	6.60	678	810	1.35	3.35	1.99	10.45	49.5	12.1	23	13.40	306
Q933784		4.25	0.044	0.64	6.80	49.5	1250	1.41	0.28	2.76	1.06	47.2	6.9	8	17.90	17.3
Q933785		5.15	0.263	13.45	6.24	1030	2120	1.16	0.47	3.09	44.7	46.9	6.1	10	10.50	20.9
Q933786		4.57	<0.005	0.03	0.07	1.5	40	0.07	0.02	19.40	0.11	1.16	0.6	<1	0.18	1.7
Q933787		7.24	0.032	0.65	7.35	56.8	1970	1.25	0.31	2.85	0.82	52.1	6.2	10	11.25	21.6
Q933788		4.64	0.006	0.67	7.49	28.7	1780	1.29	0.54	2.66	1.77	53.0	8.0	9	13.65	9.0
Q933789		4.30	0.010	1.16	6.91	15.0	1970	1.22	0.84	1.89	2.92	47.3	7.1	8	20.4	13.1
Q933790		3.03	<0.005	0.20	6.81	15.7	3730	1.21	0.54	3.09	0.65	45.7	6.3	10	11.55	5.9
Q933791		<0.02	<0.005	0.18	6.91	13.9	3710	1.15	0.49	3.04	0.61	46.8	6.0	11	11.45	5.1
Q933792		8.23	<0.005	0.26	7.10	9.1	2200	1.39	1.02	2.82	0.75	40.7	6.7	13	15.50	10.2
Q933793		1.22	0.006	1.15	6.42	55.2	2620	1.43	2.24	2.68	2.47	44.6	9.1	9	13.85	5.1
Q933794		1.59	0.005	0.56	6.53	16.2	2810	1.24	1.82	2.84	0.32	44.6	7.1	9	17.80	9.7
Q933795		2.79	0.039	9.03	7.19	31.0	2170	1.23	1.40	1.64	20.8	46.3	7.9	11	18.95	138.0
Q933796		4.17	<0.005	0.04	0.07	0.3	200	<0.05	0.02	19.45	0.11	1.14	0.6	<1	0.19	2.3
Q933797		3.18	<0.005	0.32	7.18	15.8	1180	1.20	0.59	2.89	0.35	48.6	6.5	10	16.10	6.5
Q933798		2.14	<0.005	0.34	7.50	17.4	3830	1.41	2.99	2.11	0.12	42.8	10.6	9	12.40	67.1
Q933799		5.10	<0.005	0.21	7.88	22.9	2480	1.25	1.52	1.42	0.49	52.6	10.8	9	15.40	37.2
Q933800		2.27	1.645	>100	5.55	3900	700	1.27	1.52	1.84	28.4	42.9	9.3	7	13.75	236
Q933801		2.89	0.014	0.63	6.66	64.5	1830	1.38	1.40	2.04	0.76	34.3	9.9	9	16.00	6.9
Q933802		3.06	0.005	0.61	6.27	55.2	1820	1.28	1.97	1.68	0.86	45.1	5.6	15	12.15	9.4
Q933803		3.55	<0.005	0.18	6.79	13.3	3020	1.31	1.66	2.07	0.06	40.1	5.6	11	11.60	11.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119111

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933768		3.03	16.45	0.06	1.6	0.063	3.18	23.9	11.7	0.73	677	1.59	1.96	8.3	2.5	600
Q933769		2.85	16.05	0.07	1.8	0.057	3.32	21.8	40.0	0.60	844	1.40	0.80	9.3	2.1	550
Q933770		2.98	15.55	0.06	1.4	0.091	4.16	24.5	15.9	0.87	2640	2.07	0.12	8.8	2.3	530
Q933771		3.05	16.60	0.07	1.6	0.067	3.40	24.6	24.9	0.62	858	1.38	1.73	8.8	2.3	600
Q933772		3.73	15.95	0.06	1.4	0.101	3.83	21.5	16.8	0.70	838	1.68	1.13	8.0	2.3	550
Q933773		3.19	18.00	0.07	1.8	0.054	3.06	24.4	31.1	0.62	890	1.77	0.79	9.7	2.3	700
Q933774		3.27	17.90	0.07	1.7	0.064	3.05	25.2	32.1	0.58	1020	1.99	0.43	9.5	2.1	720
Q933775		2.99	16.35	0.06	1.6	0.036	2.82	22.5	15.4	0.76	667	1.69	2.21	8.4	2.5	550
Q933776		2.82	15.75	0.07	1.5	0.045	3.07	20.0	16.3	0.66	660	1.61	1.64	7.8	2.1	540
Q933777		3.18	16.65	0.05	1.5	0.051	2.85	22.4	24.6	0.66	657	1.47	1.72	8.4	2.5	600
Q933778		6.50	15.20	0.07	1.0	0.768	2.90	24.4	18.8	0.74	1760	8.94	0.12	6.4	11.9	510
Q933779		3.02	15.05	0.05	1.3	0.101	2.78	21.2	43.4	0.73	1440	1.48	0.08	7.1	3.2	550
Q933780		2.85	16.15	0.07	1.4	0.040	2.89	22.8	15.5	0.60	703	1.43	1.68	7.9	2.3	550
Q933781		2.83	15.05	0.10	1.4	0.071	3.72	22.0	41.7	0.75	2990	2.17	0.25	7.7	2.5	540
Q933782		2.46	13.55	0.10	1.2	0.040	1.29	26.6	106.5	1.12	1660	2.02	0.01	6.6	1.9	470
Q933783		4.89	15.10	0.11	1.0	0.307	2.85	28.0	25.7	0.75	1830	14.30	0.14	5.9	14.0	490
Q933784		2.50	13.95	0.10	1.3	0.060	2.01	26.3	85.4	0.98	1570	1.69	0.04	7.0	2.2	500
Q933785		2.74	13.35	0.09	1.3	0.049	1.60	26.2	96.5	1.07	2070	2.02	0.03	6.7	2.1	460
Q933786		0.46	0.20	0.11	<0.1	<0.005	0.02	0.6	1.3	12.55	197	0.19	<0.01	0.2	1.5	220
Q933787		2.56	15.05	0.13	1.4	0.049	1.95	28.0	134.5	1.02	1690	1.31	0.03	7.5	2.1	540
Q933788		2.74	15.70	0.13	1.6	0.034	2.40	28.9	75.7	0.98	1600	1.29	0.05	7.9	2.6	540
Q933789		2.83	15.65	0.10	1.6	0.055	2.85	24.1	55.8	0.72	1230	1.23	0.27	8.3	2.2	550
Q933790		2.59	15.15	0.09	1.6	0.040	1.94	23.3	68.0	1.03	1360	1.39	0.03	7.9	2.7	520
Q933791		2.54	14.55	0.11	1.6	0.038	1.91	25.1	64.4	1.05	1320	1.40	0.03	7.6	1.9	500
Q933792		2.87	15.15	0.11	1.3	0.052	2.81	19.9	34.0	0.80	851	1.72	1.43	7.4	2.2	570
Q933793		2.79	14.55	0.11	1.1	0.037	2.68	23.7	70.3	0.94	3980	2.08	0.11	6.9	3.3	510
Q933794		2.63	14.85	0.09	1.3	0.040	2.78	23.2	45.7	0.97	1420	1.30	0.20	7.3	2.2	490
Q933795		2.68	15.55	0.10	1.3	0.732	2.49	24.2	74.0	0.63	1140	1.33	0.07	7.5	2.3	530
Q933796		0.44	0.22	0.11	<0.1	<0.005	0.02	0.6	1.2	12.55	191	0.16	<0.01	0.1	1.4	180
Q933797		2.63	15.15	0.12	1.6	0.038	1.68	26.1	187.5	1.00	1320	0.94	0.04	7.3	2.7	550
Q933798		2.94	16.30	0.10	1.5	0.080	3.25	21.7	12.6	0.33	690	2.32	2.06	9.3	2.2	610
Q933799		3.07	16.70	0.12	1.4	0.058	3.19	27.1	20.0	0.47	1730	1.90	0.79	8.7	2.7	650
Q933800		4.46	12.85	0.11	1.0	0.134	2.73	24.0	23.7	0.45	5370	2.13	0.04	5.6	1.9	400
Q933801		2.62	16.20	0.10	1.3	0.055	3.59	16.1	26.8	0.43	1780	2.11	0.18	7.8	2.1	590
Q933802		2.24	14.40	0.11	1.0	0.067	2.90	23.9	24.7	0.49	815	2.01	0.15	6.8	2.1	500
Q933803		2.40	14.95	0.10	1.2	0.065	3.97	18.7	15.1	0.49	650	2.90	0.88	8.5	2.1	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119111

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933768		20.2	133.5	<0.002	0.07	4.22	11.1	1	2.0	329	0.67	<0.05	13.3	0.255	1.56	4.0
Q933769		19.9	135.5	<0.002	0.10	17.35	10.8	1	2.0	196.5	0.88	<0.05	14.9	0.233	1.78	6.4
Q933770		48.0	199.5	<0.002	0.76	11.45	10.8	1	2.0	96.3	0.76	<0.05	14.3	0.229	3.00	5.7
Q933771		22.1	146.5	<0.002	0.08	10.40	11.1	1	2.6	269	0.71	<0.05	15.7	0.257	1.75	4.1
Q933772		15.9	137.0	<0.002	0.08	7.09	10.6	1	3.2	176.0	0.63	<0.05	13.3	0.238	1.79	4.7
Q933773		28.2	120.5	<0.002	0.06	17.35	12.8	1	2.4	158.5	0.77	<0.05	15.3	0.291	1.48	4.6
Q933774		25.4	126.0	<0.002	0.10	23.2	13.7	1	2.7	118.5	0.74	<0.05	14.6	0.295	1.56	5.7
Q933775		19.5	109.0	<0.002	0.01	2.60	11.1	1	1.8	375	0.69	<0.05	14.2	0.249	1.22	3.8
Q933776		20.4	115.5	<0.002	0.07	4.94	10.4	1	1.7	294	0.65	<0.05	13.2	0.233	1.43	4.5
Q933777		23.2	113.0	<0.002	0.03	6.27	12.0	1	1.8	306	0.64	<0.05	14.1	0.260	1.26	4.0
Q933778		1290	164.0	<0.002	4.44	63.5	9.4	1	7.8	96.2	0.51	0.93	11.6	0.194	2.40	5.1
Q933779		3560	117.5	<0.002	0.43	51.6	11.5	1	2.0	101.0	0.54	<0.05	12.4	0.241	1.78	4.2
Q933780		26.0	111.5	<0.002	0.02	6.66	10.7	1	1.5	298	0.63	<0.05	13.9	0.244	1.36	4.3
Q933781		30.1	150.0	<0.002	0.93	48.2	10.2	1	1.6	154.0	0.61	<0.05	12.2	0.232	2.48	4.5
Q933782		32.6	69.9	<0.002	0.28	36.3	9.0	1	1.7	406	0.55	<0.05	13.2	0.194	1.29	6.7
Q933783		475	160.5	0.003	2.63	27.0	9.2	1	5.2	107.0	0.50	0.30	11.7	0.202	2.38	5.1
Q933784		150.5	94.6	<0.002	0.41	36.3	9.2	1	2.2	219	0.57	<0.05	13.6	0.217	1.53	5.0
Q933785		1180	79.5	<0.002	0.90	54.9	8.9	1	4.1	185.0	0.55	<0.05	12.5	0.199	1.33	5.9
Q933786		3.1	1.1	<0.002	<0.01	0.26	0.2	1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
Q933787		39.3	87.2	<0.002	0.41	31.5	9.7	1	1.8	178.0	0.62	<0.05	13.8	0.231	1.49	7.1
Q933788		89.1	104.0	<0.002	0.38	22.4	10.0	1	2.0	188.0	0.68	<0.05	14.7	0.236	1.85	5.2
Q933789		836	111.0	<0.002	0.19	15.00	10.0	1	2.0	141.0	0.72	<0.05	13.7	0.233	1.71	4.2
Q933790		21.8	72.1	<0.002	0.28	17.00	9.3	1	1.6	236	0.72	<0.05	12.9	0.223	1.47	6.0
Q933791		22.3	79.1	<0.002	0.27	16.30	8.9	1	1.5	235	0.69	<0.05	13.1	0.222	1.42	5.7
Q933792		145.0	98.0	<0.002	0.07	9.55	9.4	1	1.5	300	0.62	<0.05	11.2	0.240	1.46	4.4
Q933793		108.5	111.0	<0.002	0.55	28.0	9.6	1	2.1	136.0	0.53	<0.05	10.9	0.219	1.82	5.5
Q933794		242	102.0	<0.002	0.21	20.6	9.1	1	1.4	146.5	0.59	<0.05	12.2	0.217	1.74	4.4
Q933795		4100	102.5	<0.002	0.41	73.0	9.9	1	1.6	127.0	0.61	<0.05	13.4	0.234	1.52	4.0
Q933796		12.7	1.1	<0.002	<0.01	0.31	0.1	1	<0.2	50.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q933797		23.0	68.5	<0.002	0.13	25.6	9.6	1	1.4	192.0	0.58	<0.05	13.5	0.230	1.28	4.5
Q933798		12.0	138.0	<0.002	0.08	10.90	10.5	1	3.7	220	0.71	0.05	12.0	0.269	1.92	4.4
Q933799		21.4	145.0	<0.002	0.21	18.25	11.7	1	3.8	147.5	0.65	<0.05	13.6	0.276	1.97	4.0
Q933800		1310	181.0	<0.002	3.32	357	8.1	1	5.6	50.5	0.44	0.06	9.4	0.179	2.45	7.3
Q933801		24.3	143.0	<0.002	0.49	16.90	9.4	1	3.0	117.5	0.63	<0.05	9.4	0.241	2.59	5.1
Q933802		26.3	147.0	<0.002	0.10	17.80	9.2	1	2.5	78.9	0.53	<0.05	11.2	0.214	1.91	4.5
Q933803		12.1	154.0	<0.002	0.06	7.77	10.1	1	3.3	153.5	0.63	<0.05	11.0	0.260	2.22	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119111

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
Q933768		72	2.3	16.3	63	42.1	
Q933769		66	3.1	16.7	65	46.5	
Q933770		65	3.3	16.7	79	38.6	
Q933771		72	2.6	16.6	65	43.3	
Q933772		70	22.2	15.4	74	38.1	
Q933773		81	5.3	17.9	70	49.3	
Q933774		84	6.5	18.2	74	44.6	
Q933775		72	2.2	16.8	54	42.8	
Q933776		67	3.8	15.2	49	40.6	
Q933777		76	2.2	16.8	62	41.4	
Q933778		62	5.8	11.3	2330	29.2	
Q933779		76	3.0	14.5	493	36.6	
Q933780		68	2.1	16.0	57	39.4	
Q933781		65	3.0	15.7	52	40.8	
Q933782		54	2.6	15.5	74	35.1	
Q933783		62	5.3	11.9	854	30.3	
Q933784		57	2.7	15.2	123	38.5	
Q933785		55	3.0	14.4	2290	35.9	
Q933786		2	0.1	0.8	16	0.5	
Q933787		62	2.9	16.0	89	40.5	
Q933788		63	3.7	17.5	165	43.9	
Q933789		66	3.2	41.3	314	44.9	
Q933790		60	3.1	16.9	84	45.8	
Q933791		59	2.9	16.6	81	44.2	
Q933792		66	2.3	14.8	121	39.1	
Q933793		63	3.8	16.3	250	34.7	
Q933794		58	2.9	15.8	74	37.0	
Q933795		63	3.9	15.6	2230	38.7	
Q933796		2	0.1	0.8	18	<0.5	
Q933797		63	2.5	16.1	82	40.5	
Q933798		68	8.3	16.3	55	46.0	
Q933799		75	5.1	18.0	962	38.1	
Q933800		51	4.8	11.4	3940	28.1	145
Q933801		67	4.2	12.5	136	35.0	
Q933802		62	3.2	14.6	116	30.3	
Q933803		68	2.7	13.3	43	33.2	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119111

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

CERTIFICATE WH14119112

Project: KLAZA

P.O. No.: Batch 152

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

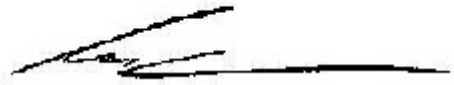
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119112

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933804		3.65	0.013	0.50	6.87	44.1	3140	1.40	4.10	1.28	0.15	62.6	55.1	13	18.55	36.2
Q933805		10.32	<0.005	0.26	7.10	19.9	4540	1.25	1.28	2.62	0.08	44.7	33.9	6	10.25	9.6
Q933806		3.22	0.015	0.19	6.28	12.3	3330	1.04	0.67	3.40	0.07	51.6	27.4	10	11.45	5.9
Q933807		2.43	<0.005	0.10	6.38	9.5	2650	1.15	0.54	2.23	0.09	34.4	7.1	8	18.25	60.2
Q933808		5.54	<0.005	0.16	7.58	8.8	2350	1.43	0.57	1.96	0.16	42.4	6.4	9	12.85	28.7
Q933809		0.30	0.870	11.80	6.54	1535	750	1.36	12.25	1.84	32.7	45.6	17.4	17	13.65	286
Q933810		2.08	0.717	10.30	4.62	3180	280	1.66	0.46	3.28	27.2	36.1	9.2	6	18.65	36.3
Q933811		2.65	0.005	0.30	6.44	44.6	810	1.33	1.27	1.62	0.52	38.9	5.8	10	22.8	14.7
Q933812		4.29	0.046	0.44	6.89	68.0	3310	1.36	1.10	1.95	0.26	42.2	11.6	11	18.80	197.5
Q933813		7.84	<0.005	0.16	6.67	35.7	1900	1.41	1.00	2.68	0.14	37.8	8.1	11	26.9	44.0
Q933814		5.56	0.085	0.75	6.73	150.0	970	1.65	1.28	2.79	0.53	46.0	10.3	10	18.75	80.6
Q933815		2.61	0.097	0.72	6.53	166.0	970	1.58	1.19	2.80	0.40	48.0	9.1	10	17.60	81.6
Q933816		3.60	<0.005	0.52	6.70	17.3	1550	1.14	70.5	1.15	1.01	58.6	6.3	10	9.59	85.3
Q933817		6.91	<0.005	0.20	7.36	14.2	2040	1.27	2.61	1.96	0.10	50.6	10.7	14	12.70	89.6
Q933818		11.16	<0.005	0.15	7.33	13.7	2100	1.42	6.28	2.44	0.12	53.4	8.8	17	11.05	58.7
Q933819		7.46	<0.005	0.13	7.47	11.2	2480	1.46	0.84	2.44	0.08	49.5	9.1	14	13.25	43.9
Q933820		3.18	<0.005	0.20	7.12	17.5	2700	1.56	1.15	2.41	0.08	40.4	10.1	11	14.40	95.6
Q933821		8.65	<0.005	0.20	7.78	14.0	2230	1.35	1.29	1.71	0.09	53.2	9.7	11	12.90	57.4
Q933822		3.38	<0.005	0.17	7.15	11.4	2510	1.33	0.77	1.89	0.15	43.8	7.3	11	13.95	14.6
Q933823		2.99	0.027	0.89	6.95	279	2040	1.56	0.72	2.22	1.61	40.0	17.4	21	13.55	8.1
Q933824		0.29	1.740	39.2	5.83	2390	920	1.18	35.9	1.67	44.7	36.5	16.6	20	10.10	1180
Q933825		2.82	0.195	14.05	6.71	912	780	1.08	0.25	1.95	6.14	49.7	3.8	8	5.31	12.8
Q933826		4.97	0.072	1.07	6.74	213	1010	1.39	0.66	2.84	1.51	52.1	11.2	10	11.85	6.0
Q933827		3.89	<0.005	0.03	0.07	1.4	20	0.05	0.02	20.9	0.06	1.24	0.6	1	0.12	1.3
Q933828		3.03	0.151	2.68	6.97	727	1660	1.48	0.95	3.21	6.99	47.3	6.4	13	11.40	14.6
Q933829		3.08	<0.005	0.23	6.52	33.8	720	1.24	1.88	1.88	0.15	52.5	6.0	9	12.50	10.5
Q933830		2.59	0.087	0.38	7.07	379	2090	1.60	1.17	3.10	1.06	53.5	7.4	11	21.8	12.7
Q933831		4.52	0.069	0.41	7.11	78.4	1720	1.65	2.42	1.70	0.24	44.8	8.2	14	18.40	14.2
Q933832		5.45	0.008	0.72	7.21	34.7	2250	1.45	7.01	1.94	0.57	46.5	10.4	15	19.65	47.3
Q933833		1.73	0.265	11.10	6.34	1025	560	1.28	2.42	2.90	13.45	44.5	11.7	9	11.95	24.9
Q933834		5.02	<0.005	0.01	0.07	0.4	40	0.05	0.06	21.4	0.06	1.22	0.7	2	0.17	1.6
Q933835		10.43	<0.005	0.15	7.24	9.3	2360	1.57	2.67	2.58	0.23	49.6	7.9	18	14.65	17.1
Q933836		10.40	<0.005	0.11	7.26	7.9	2200	1.52	1.27	2.74	0.12	49.9	7.9	16	16.20	8.5
Q933837		<0.02	<0.005	0.11	6.99	7.6	2210	1.48	1.47	2.72	0.11	43.5	7.5	17	15.55	7.6
Q933838		10.89	<0.005	0.08	7.21	5.7	2260	1.47	2.72	2.71	0.09	46.0	7.2	16	10.10	8.0
Q933839		10.35	<0.005	0.07	7.30	8.7	2220	1.65	1.89	2.53	0.10	49.5	7.4	15	7.79	9.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119112

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933804		3.52	15.85	0.13	1.2	0.107	3.91	33.3	24.3	0.43	756	4.44	0.15	7.6	3.7	610
Q933805		3.41	15.95	0.14	1.3	0.099	3.39	20.6	18.4	0.54	1010	0.54	2.02	8.2	2.4	650
Q933806		3.04	14.40	0.15	1.2	0.108	2.60	25.5	19.9	0.66	927	0.66	1.11	7.5	2.1	620
Q933807		2.41	15.60	0.16	1.3	0.060	3.41	15.9	62.5	0.42	504	1.53	0.66	7.6	1.8	590
Q933808		2.78	16.55	0.14	1.4	0.045	3.07	20.7	25.0	0.67	600	1.68	1.25	7.8	2.3	590
Q933809		6.31	15.35	0.13	1.1	0.796	2.85	23.6	19.6	0.77	1840	9.13	0.12	6.2	12.3	530
Q933810		3.79	10.50	0.11	0.8	0.050	2.04	17.5	36.5	1.01	6920	15.50	0.03	4.6	2.4	330
Q933811		2.29	14.10	0.11	1.5	0.032	2.07	17.5	117.0	0.52	1530	2.21	0.04	7.2	2.3	550
Q933812		2.75	14.90	0.15	1.5	0.050	3.47	19.6	37.4	0.62	1420	2.48	0.40	7.5	2.2	550
Q933813		2.71	15.65	0.14	1.4	0.046	2.79	16.3	51.7	0.50	740	2.43	0.46	8.0	2.3	630
Q933814		2.69	14.85	0.15	1.3	0.060	3.35	21.8	24.9	0.86	2420	2.23	0.05	7.3	2.6	580
Q933815		2.63	14.05	0.15	1.3	0.063	3.28	23.4	27.5	0.86	2480	2.98	0.05	6.9	2.4	530
Q933816		2.05	12.60	0.15	1.9	0.036	3.14	31.6	37.9	0.42	729	6.20	0.15	7.0	1.5	380
Q933817		2.94	16.15	0.05	1.4	0.059	2.93	26.6	17.6	0.75	574	1.83	1.40	8.2	3.4	600
Q933818		2.89	15.95	0.09	1.6	0.048	2.98	28.7	14.9	0.74	542	3.23	2.05	8.1	2.6	540
Q933819		3.01	16.00	0.10	1.3	0.064	3.06	25.4	12.3	0.75	705	2.06	1.77	8.0	2.7	640
Q933820		2.90	16.05	0.09	1.3	0.093	3.28	20.3	18.3	0.73	771	3.09	1.16	7.7	2.5	580
Q933821		3.14	16.45	0.09	1.5	0.083	3.35	28.7	21.5	0.68	761	1.78	0.95	8.5	2.6	620
Q933822		2.95	16.05	0.16	1.4	0.080	3.47	19.4	23.6	0.62	1060	1.53	0.72	8.3	2.4	620
Q933823		3.49	16.35	0.14	1.2	0.198	4.13	17.7	16.8	0.67	3980	3.94	0.05	7.7	2.9	610
Q933824		8.90	13.55	0.12	0.8	1.505	2.61	18.5	16.5	0.69	2360	16.80	0.06	4.6	14.4	460
Q933825		5.17	17.60	0.12	1.1	0.578	3.48	24.6	9.6	0.64	8780	2.19	0.04	7.0	2.8	610
Q933826		3.86	15.50	0.15	1.1	0.226	3.34	25.8	13.1	0.86	5480	3.84	0.03	7.4	2.4	590
Q933827		0.47	0.21	0.21	<0.1	<0.005	0.03	0.6	1.0	13.20	227	0.09	<0.01	0.2	1.6	200
Q933828		3.60	15.10	0.14	1.1	0.146	2.59	23.0	52.6	0.95	4790	3.10	0.02	7.2	2.4	580
Q933829		2.31	14.35	0.15	1.1	0.034	1.45	26.4	78.0	0.69	1480	2.88	0.02	7.0	1.9	540
Q933830		3.34	15.50	0.14	1.2	0.062	2.85	28.0	75.1	1.07	3280	3.06	0.06	7.4	2.7	560
Q933831		2.73	15.95	0.14	1.3	0.042	2.04	20.8	172.5	0.64	1730	3.69	0.04	7.9	2.5	600
Q933832		2.78	16.20	0.14	1.1	0.063	3.25	21.4	98.0	0.69	1930	4.26	0.08	7.9	2.8	630
Q933833		4.45	13.95	0.12	1.0	0.154	3.30	21.8	23.8	0.95	5440	4.45	0.04	6.2	3.3	500
Q933834		0.47	0.25	0.29	<0.1	0.005	0.02	0.6	1.4	13.35	217	0.11	<0.01	0.1	2.1	180
Q933835		3.10	16.05	0.21	1.2	0.050	2.75	22.6	18.0	0.78	679	2.66	2.10	8.1	2.7	620
Q933836		3.07	16.35	0.18	1.3	0.045	2.64	23.8	29.0	0.75	612	2.11	1.95	8.0	2.7	590
Q933837		3.07	15.70	0.16	1.3	0.038	2.67	19.9	28.6	0.73	627	1.99	1.93	7.8	2.7	590
Q933838		3.14	15.45	0.15	1.3	0.040	2.64	20.6	22.8	0.85	621	2.14	2.40	7.9	2.5	620
Q933839		3.12	16.00	0.17	1.4	0.037	2.67	22.8	17.4	0.80	617	2.09	2.31	8.4	2.8	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119112

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933804		19.2	170.5	<0.002	0.47	26.1	11.0	2	3.0	105.0	0.62	0.21	13.7	0.253	2.22	7.2
Q933805		25.4	123.5	0.002	0.83	7.57	11.6	2	2.9	208	0.67	0.10	12.6	0.264	1.89	4.6
Q933806		7.2	117.0	<0.002	0.32	8.26	10.6	1	2.8	144.0	0.64	<0.05	13.4	0.242	1.84	3.7
Q933807		14.6	123.5	<0.002	0.07	10.40	9.6	1	2.7	176.0	0.62	<0.05	9.7	0.247	1.95	3.2
Q933808		17.6	122.5	0.002	0.05	9.85	10.2	1	2.6	226	0.65	<0.05	12.3	0.248	1.73	3.7
Q933809		1280	163.0	0.003	4.63	63.8	9.2	2	8.1	96.6	0.51	1.42	11.6	0.205	2.57	5.4
Q933810		851	117.0	0.002	1.78	89.2	6.4	1	4.5	102.0	0.37	<0.05	8.2	0.150	1.69	6.5
Q933811		25.0	76.7	<0.002	0.26	30.2	9.0	<1	2.6	116.0	0.55	<0.05	10.7	0.224	1.61	4.9
Q933812		18.6	144.5	<0.002	0.49	46.3	9.8	1	2.7	115.0	0.61	<0.05	11.5	0.236	2.41	5.3
Q933813		16.2	98.8	<0.002	0.25	24.0	10.2	<1	2.9	162.5	0.61	<0.05	9.8	0.262	1.97	4.9
Q933814		37.5	138.0	<0.002	0.99	49.6	9.8	1	2.8	92.7	0.54	<0.05	12.8	0.241	2.71	6.2
Q933815		33.5	144.0	<0.002	1.04	50.1	9.2	1	2.8	93.6	0.55	<0.05	13.8	0.223	2.57	6.7
Q933816		39.5	146.0	<0.002	0.18	34.0	7.4	1	1.8	61.9	0.80	0.19	24.7	0.161	1.93	3.9
Q933817		16.8	142.5	<0.002	0.30	10.50	11.2	1	2.6	225	0.69	<0.05	13.6	0.261	1.89	3.2
Q933818		17.5	143.5	<0.002	0.16	2.28	10.0	1	2.7	311	0.76	<0.05	16.5	0.241	1.70	4.0
Q933819		16.6	135.5	<0.002	0.17	4.89	11.6	1	2.8	294	0.67	<0.05	12.5	0.288	1.75	3.7
Q933820		13.4	142.0	<0.002	0.20	14.90	10.0	1	2.4	193.5	0.64	<0.05	10.7	0.260	2.01	3.3
Q933821		18.1	151.5	<0.002	0.13	11.75	11.5	1	2.6	150.5	0.75	<0.05	14.9	0.272	2.03	3.5
Q933822		15.7	133.5	<0.002	0.09	11.15	10.7	1	2.8	136.0	0.67	<0.05	10.6	0.258	2.10	3.4
Q933823		79.7	172.0	<0.002	1.19	21.3	10.3	<1	3.7	73.9	0.57	<0.05	9.9	0.258	3.39	7.0
Q933824		1670	148.5	0.002	7.98	104.5	8.3	2	10.8	64.2	0.38	0.70	8.8	0.167	2.16	5.4
Q933825		352	217	<0.002	2.65	27.3	10.4	1	4.2	30.3	0.57	<0.05	13.3	0.217	3.27	3.7
Q933826		68.3	178.5	<0.002	1.98	18.10	10.2	1	3.0	68.2	0.57	0.05	12.1	0.235	3.10	5.2
Q933827		2.1	1.3	<0.002	<0.01	0.10	0.2	<1	0.2	46.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933828		224	131.0	<0.002	1.29	38.1	10.2	1	3.4	174.5	0.56	<0.05	10.9	0.239	2.46	4.7
Q933829		14.2	66.9	<0.002	0.32	30.6	10.1	1	2.3	144.0	0.53	<0.05	11.0	0.226	1.86	5.0
Q933830		31.8	139.5	<0.002	0.84	40.9	10.7	1	2.8	137.0	0.60	<0.05	11.9	0.228	2.23	7.6
Q933831		21.2	82.4	<0.002	0.47	51.9	10.4	<1	3.0	175.0	0.67	<0.05	11.9	0.245	1.93	6.5
Q933832		36.7	132.5	<0.002	0.27	42.0	10.8	1	2.9	146.5	0.60	<0.05	12.1	0.255	2.51	7.9
Q933833		927	198.0	<0.002	2.90	102.5	9.5	1	3.7	77.6	0.48	0.06	11.0	0.213	2.67	5.9
Q933834		2.4	1.2	<0.002	<0.01	0.26	0.2	<1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933835		24.3	109.0	<0.002	0.06	4.14	11.1	1	2.7	350	0.62	<0.05	12.4	0.261	1.50	4.0
Q933836		17.2	113.0	<0.002	0.05	4.85	11.4	1	2.5	328	0.66	<0.05	12.8	0.244	1.29	4.4
Q933837		18.0	102.0	<0.002	0.05	4.56	10.6	1	2.4	326	0.65	<0.05	11.4	0.246	1.34	3.8
Q933838		16.2	97.0	<0.002	0.02	1.86	11.5	1	2.7	361	0.63	<0.05	11.6	0.263	1.18	3.6
Q933839		16.7	104.5	<0.002	0.03	2.12	10.9	1	2.6	369	0.71	<0.05	13.0	0.247	1.19	4.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119112

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933804		74	3.7	22.6	67	33.1
Q933805		62	5.3	15.1	52	35.2
Q933806		60	4.1	17.8	45	32.5
Q933807		70	3.7	11.3	33	33.2
Q933808		69	4.0	14.8	46	35.8
Q933809		62	6.0	11.1	2380	29.3
Q933810		44	3.8	12.0	2020	24.2
Q933811		62	3.7	12.3	84	45.6
Q933812		67	4.6	14.1	52	45.2
Q933813		71	4.8	13.4	43	40.2
Q933814		68	4.7	14.0	112	41.3
Q933815		61	4.3	14.5	94	39.4
Q933816		45	6.8	14.8	124	49.6
Q933817		68	3.9	17.1	41	37.9
Q933818		63	6.4	18.4	43	39.1
Q933819		78	3.1	17.1	49	33.7
Q933820		70	2.8	14.2	47	35.5
Q933821		72	4.2	17.4	50	39.0
Q933822		74	3.8	14.8	57	36.1
Q933823		73	8.9	12.1	279	33.8
Q933824		56	7.4	9.3	3390	23.5
Q933825		69	15.5	11.2	543	30.6
Q933826		66	12.7	13.1	215	29.6
Q933827		2	0.1	0.8	15	<0.5
Q933828		66	10.8	15.9	602	29.5
Q933829		62	3.9	14.6	71	28.7
Q933830		65	4.5	17.9	143	31.4
Q933831		69	4.4	14.8	88	34.5
Q933832		73	6.2	13.9	100	31.3
Q933833		61	4.7	13.5	1560	25.4
Q933834		2	0.1	0.8	16	0.5
Q933835		73	3.6	16.2	64	32.5
Q933836		70	3.3	17.6	44	35.4
Q933837		70	3.4	15.8	45	34.9
Q933838		78	2.5	16.5	47	34.9
Q933839		70	1.6	17.7	44	37.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119112

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

CERTIFICATE WH14119113

Project: KLAZA

P.O. No.: Batch 143

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119113

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926760		3.92	<0.005	0.07	7.45	13.5	1280	1.32	0.33	1.51	0.21	36.3	6.2	11	26.0	6.7
Q926761		2.47	0.009	0.42	6.62	34.6	950	1.28	0.26	2.77	2.26	48.7	7.5	9	14.00	24.9
Q926762		5.81	<0.005	0.12	7.50	5.3	2100	1.33	0.29	2.25	0.24	43.7	6.4	9	23.1	8.0
Q926763		3.83	<0.005	0.11	7.11	18.1	1430	1.26	0.31	2.07	0.24	33.8	6.8	9	16.20	7.9
Q926764		1.18	<0.005	0.12	7.33	16.2	1210	1.22	0.28	2.51	0.24	40.6	6.7	8	13.35	9.4
Q926765		2.11	<0.005	0.28	6.88	29.1	720	1.45	0.24	3.01	0.53	52.9	7.8	7	15.65	10.0
Q926766		7.44	<0.005	0.19	7.33	15.7	1930	1.46	0.34	2.40	0.18	42.2	7.1	9	24.7	9.0
Q926767		4.81	<0.005	0.16	7.53	9.5	1920	1.42	0.38	2.63	0.25	46.2	6.8	13	22.4	9.3
Q926768		3.20	0.160	1.08	6.93	210	1500	1.39	0.38	2.43	0.74	49.8	8.0	8	15.20	41.5
Q926769		0.30	0.363	4.74	6.79	708	360	1.38	3.26	2.04	10.20	49.1	12.0	25	13.20	315
Q926770		5.13	0.036	0.20	7.31	48.4	1320	1.25	0.29	1.76	0.32	37.5	6.6	10	17.10	19.4
Q926771		5.35	0.487	1.33	6.79	963	1400	1.40	0.61	2.11	0.87	42.7	7.3	9	14.90	85.3
Q926772		5.76	2.62	2.82	4.69	2010	670	1.60	0.28	3.45	3.46	32.5	5.7	6	12.95	12.3
Q926773		5.54	<0.005	0.01	0.07	2.2	30	0.06	0.01	19.35	0.06	1.22	0.9	<1	0.19	2.2
Q926774		5.01	0.020	0.38	6.86	113.0	1510	1.41	0.39	1.63	2.24	38.4	6.4	8	18.50	11.3
Q926775		6.62	<0.005	0.16	7.50	32.4	2060	1.60	0.31	2.36	0.10	46.9	7.3	8	29.4	11.9
Q926776		2.36	0.090	1.38	7.66	183.0	1560	1.90	0.34	1.78	0.47	44.2	10.9	8	26.9	359
Q926777		3.54	<0.005	0.11	8.10	76.8	3410	1.72	0.09	2.66	0.15	77.9	10.5	42	41.0	6.8
Q926778		5.04	<0.005	0.25	7.89	14.7	1820	1.50	0.62	2.06	0.15	47.3	6.4	12	19.75	6.0
Q926779		<0.02	0.119	0.30	7.14	161.0	1710	1.52	0.60	2.36	0.40	45.1	7.8	9	20.5	7.9
Q926780		2.88	<0.005	0.16	7.47	38.0	730	1.66	0.39	2.90	0.16	47.1	6.4	9	15.40	8.9
Q926781		1.87	0.010	0.36	5.23	106.0	1690	1.60	0.26	3.76	0.35	37.0	7.0	6	13.70	9.0
Q926782		2.93	<0.005	0.25	7.32	51.0	1260	1.67	0.34	2.61	0.34	43.5	8.5	11	18.30	6.2
Q926783		3.80	0.030	0.35	7.46	8.6	2070	1.74	0.34	2.71	5.37	44.2	7.7	9	11.70	20.6
Q926784		1.54	0.209	23.5	5.61	523	710	1.63	0.26	3.31	7.12	44.4	6.0	6	17.00	66.3
Q926785		5.54	<0.005	0.03	0.06	0.6	20	0.08	0.02	20.5	0.06	1.19	0.9	<1	0.16	2.5
Q926786		6.61	<0.005	0.25	7.42	6.5	2160	1.62	0.35	2.49	0.17	42.7	7.7	11	11.85	10.0
Q926787		3.93	<0.005	0.19	7.30	5.4	2370	1.55	0.33	2.46	0.15	42.4	7.1	9	11.25	8.2
Q926788		2.72	0.007	0.16	6.92	25.3	1500	1.51	0.29	2.20	0.19	43.4	7.5	13	14.10	13.9
Q926789		7.95	<0.005	0.30	7.20	5.1	2140	1.49	0.57	2.41	0.13	37.7	7.0	10	12.35	9.7
Q926790		9.81	<0.005	0.22	7.75	8.0	2440	1.77	0.40	2.51	0.17	44.3	8.1	10	8.83	11.2
Q926791		10.32	<0.005	0.19	7.65	6.0	2340	1.64	0.32	2.50	0.22	42.9	8.0	10	11.65	10.0
Q926792		0.29	0.882	11.25	6.59	1555	1150	1.34	11.45	1.87	32.5	44.5	16.8	20	13.00	290
Q926793		2.33	0.006	2.74	7.51	58.9	1660	1.45	0.37	1.73	0.46	43.1	7.7	10	15.50	39.5
Q926794		7.27	0.006	1.62	7.62	69.8	2180	1.53	0.30	2.43	0.47	49.9	7.7	11	13.75	13.3
Q926795		1.42	0.039	9.75	7.03	383	1580	1.32	0.28	1.43	1.05	36.0	5.8	7	17.50	25.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119113

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926760		2.68	16.35	0.13	1.2	0.040	2.36	17.2	93.4	0.48	919	1.82	0.07	7.8	1.7	600
Q926761		3.10	14.55	0.13	1.1	0.108	2.33	26.0	67.1	0.87	1830	2.01	0.06	6.8	1.9	500
Q926762		2.79	16.30	0.13	1.2	0.039	2.62	21.2	32.5	0.62	721	1.12	1.50	7.4	1.8	580
Q926763		2.59	16.00	0.15	1.2	0.047	1.92	16.0	110.0	0.60	1040	1.95	0.10	7.9	1.7	600
Q926764		2.54	15.80	0.13	1.2	0.044	1.43	20.1	130.5	0.75	1180	2.82	0.06	7.8	1.8	600
Q926765		2.98	15.20	0.14	1.1	0.063	2.16	29.5	84.3	1.06	2200	1.40	0.04	7.0	2.1	540
Q926766		2.74	16.55	0.16	1.3	0.048	2.54	20.3	89.2	0.68	1010	1.53	0.74	8.1	1.8	600
Q926767		2.80	15.85	0.19	1.2	0.045	2.55	22.7	47.4	0.76	912	2.49	1.36	7.8	2.1	620
Q926768		4.02	15.70	0.17	1.2	0.105	3.21	27.2	27.6	0.98	3030	3.30	0.05	7.3	2.2	540
Q926769		4.97	15.45	0.14	1.1	0.308	2.94	27.3	25.9	0.78	1860	14.50	0.15	6.1	14.2	520
Q926770		2.65	16.10	0.14	1.2	0.049	2.33	18.1	82.2	0.61	1200	3.36	0.06	8.0	1.7	600
Q926771		2.75	15.00	0.15	1.1	0.054	2.64	21.8	52.2	0.71	3270	3.41	0.04	6.9	1.8	510
Q926772		3.04	10.65	0.13	0.7	0.034	1.69	18.0	62.8	1.09	8600	6.49	0.02	4.6	1.8	310
Q926773		0.44	0.29	0.14	<0.1	<0.005	0.03	0.6	1.4	12.25	196	0.20	<0.01	0.2	0.8	190
Q926774		2.40	15.60	0.16	1.4	0.050	2.70	18.3	58.4	0.56	2440	2.82	0.05	7.6	2.0	500
Q926775		2.77	16.40	0.17	1.5	0.041	2.84	22.6	85.1	0.73	882	4.17	1.08	8.4	1.8	580
Q926776		2.80	16.50	0.15	1.4	0.043	2.59	21.8	82.1	0.90	1000	3.75	0.06	7.9	4.0	610
Q926777		3.66	19.75	0.21	4.4	0.038	1.70	42.0	175.5	1.34	1200	0.66	0.03	11.2	15.5	1780
Q926778		2.79	16.90	0.18	1.4	0.053	3.28	24.3	41.0	0.78	1160	1.63	0.13	7.7	1.7	560
Q926779		2.86	15.85	0.15	1.3	0.051	3.00	23.0	40.7	0.87	2380	1.64	0.12	7.4	2.6	560
Q926780		2.82	16.25	0.18	1.3	0.043	2.96	24.0	62.9	0.97	1250	1.67	0.05	7.8	1.7	610
Q926781		2.68	11.50	0.14	0.9	0.032	2.38	20.3	24.5	1.33	2670	2.89	0.04	5.4	1.7	380
Q926782		2.73	16.25	0.16	1.4	0.035	3.31	21.5	35.1	0.87	1260	3.42	0.26	8.4	2.2	570
Q926783		2.97	17.30	0.16	1.5	0.058	2.79	21.3	17.5	0.75	927	1.63	1.92	8.4	1.9	590
Q926784		2.87	12.75	0.16	1.0	0.071	2.34	24.3	45.8	1.02	7260	3.36	0.03	5.8	1.9	390
Q926785		0.46	0.34	0.20	<0.1	<0.005	0.03	0.6	1.4	12.90	195	1.11	0.01	0.2	0.8	200
Q926786		2.93	17.00	0.21	1.1	0.039	2.59	20.5	29.3	0.82	828	2.56	2.06	8.1	2.2	580
Q926787		2.84	16.40	0.18	1.1	0.046	2.60	20.5	16.8	0.77	670	1.80	2.15	7.8	1.8	560
Q926788		2.81	15.75	0.20	1.1	0.054	3.00	21.4	21.3	0.73	1580	2.05	0.48	7.4	2.0	550
Q926789		2.75	16.35	0.20	1.2	0.037	2.62	18.0	19.6	0.68	673	1.82	2.08	7.7	1.8	580
Q926790		3.08	17.10	0.19	1.2	0.050	2.68	21.8	19.8	0.92	740	2.35	2.42	8.5	2.1	610
Q926791		3.09	17.70	0.19	1.2	0.052	2.64	20.8	20.7	0.83	735	1.56	2.26	8.4	2.2	630
Q926792		6.49	14.75	0.10	1.0	0.764	2.84	22.2	18.6	0.78	1800	9.00	0.13	6.2	11.2	530
Q926793		3.31	17.50	0.16	1.3	0.072	2.80	18.2	24.8	0.58	1560	1.41	0.38	8.5	1.9	640
Q926794		3.25	17.25	0.24	1.2	0.054	2.76	23.8	18.8	0.75	1440	2.04	1.93	8.2	2.0	640
Q926795		2.20	15.35	0.19	1.0	0.035	2.96	16.3	53.2	0.43	3620	2.15	0.37	5.7	1.4	410

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119113

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926760		20.7	88.8	<0.002	0.05	18.35	9.7	1	1.8	144.0	0.66	<0.05	10.5	0.256	1.37	3.1
Q926761		64.5	108.5	<0.002	0.33	29.4	9.5	1	1.8	102.5	0.57	<0.05	11.5	0.211	1.71	5.9
Q926762		27.7	97.7	<0.002	0.02	8.20	9.6	1	1.7	298	0.63	<0.05	11.1	0.249	1.22	3.0
Q926763		20.1	60.1	<0.002	0.11	18.90	9.6	1	1.8	137.5	0.64	<0.05	10.0	0.256	1.28	5.4
Q926764		19.8	44.9	<0.002	0.11	18.95	9.7	1	1.8	147.5	0.62	<0.05	11.1	0.251	0.97	6.8
Q926765		24.5	112.5	<0.002	0.17	28.3	9.3	1	1.6	132.5	0.58	<0.05	13.9	0.220	1.82	10.4
Q926766		26.4	91.7	<0.002	0.10	11.00	10.3	1	2.0	230	0.66	<0.05	11.5	0.254	1.60	4.0
Q926767		34.3	99.9	<0.002	0.06	6.51	10.4	1	1.9	302	0.67	<0.05	11.6	0.248	1.40	3.6
Q926768		59.3	181.0	<0.002	0.98	35.6	10.4	1	2.0	103.5	0.62	<0.05	12.8	0.229	2.64	11.0
Q926769		484	154.0	0.004	2.70	27.2	9.2	1	5.5	107.5	0.50	0.34	11.0	0.205	2.43	5.1
Q926770		26.5	85.9	<0.002	0.17	21.6	10.0	1	2.0	119.5	0.65	<0.05	11.0	0.258	1.68	4.2
Q926771		63.9	124.5	<0.002	1.06	74.2	9.4	1	1.9	100.5	0.58	0.06	11.2	0.224	2.24	8.5
Q926772		126.0	95.2	<0.002	1.47	71.1	6.3	1	1.9	133.0	0.38	<0.05	8.2	0.144	1.81	6.1
Q926773		1.6	1.3	<0.002	<0.01	0.20	0.2	1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q926774		45.7	115.0	<0.002	0.33	35.8	8.4	1	1.8	101.0	0.72	<0.05	11.0	0.226	2.02	5.0
Q926775		31.4	115.5	<0.002	0.23	10.60	10.0	1	1.9	258	0.81	<0.05	12.3	0.247	1.60	4.9
Q926776		24.1	105.0	0.002	0.65	109.0	10.2	1	1.8	128.5	0.69	0.10	12.1	0.257	1.77	4.3
Q926777		14.4	82.0	<0.002	0.10	27.6	9.4	1	1.2	1200	0.67	<0.05	8.2	0.454	1.20	3.5
Q926778		16.2	162.5	<0.002	0.16	16.45	10.5	1	1.8	94.4	0.67	<0.05	12.9	0.249	2.09	4.7
Q926779		19.0	142.0	<0.002	0.37	19.50	10.0	1	1.7	101.0	0.64	<0.05	11.9	0.229	1.96	4.7
Q926780		18.8	129.0	<0.002	0.24	15.30	10.4	1	1.6	110.5	0.65	<0.05	12.4	0.253	2.33	4.8
Q926781		33.8	150.5	<0.002	0.38	30.4	7.1	1	1.3	68.4	0.47	<0.05	9.6	0.164	2.05	5.4
Q926782		34.7	138.5	<0.002	0.23	16.10	10.6	1	1.7	124.0	0.76	<0.05	11.7	0.255	2.33	5.6
Q926783		140.0	109.0	<0.002	0.12	4.18	10.6	1	1.6	340	0.73	<0.05	11.6	0.254	1.50	5.2
Q926784		688	146.5	<0.002	1.63	158.0	8.2	1	1.8	91.3	0.50	<0.05	10.9	0.167	2.21	5.5
Q926785		2.1	1.2	<0.002	<0.01	0.24	0.2	1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q926786		25.3	98.6	<0.002	0.07	3.50	10.4	1	1.8	395	0.64	<0.05	10.3	0.247	1.26	4.0
Q926787		23.9	94.7	<0.002	0.02	1.97	10.1	1	1.6	397	0.63	<0.05	11.7	0.250	1.15	4.5
Q926788		21.6	124.5	<0.002	0.25	11.90	9.7	1	1.7	111.5	0.60	<0.05	11.0	0.234	2.09	5.9
Q926789		26.7	87.1	<0.002	0.02	2.38	9.9	1	1.7	352	0.63	<0.05	9.9	0.247	1.14	3.0
Q926790		28.4	94.4	<0.002	0.01	1.09	11.1	1	1.8	449	0.70	<0.05	11.8	0.268	1.11	4.0
Q926791		35.4	94.3	<0.002	0.01	1.80	11.2	1	1.8	402	0.68	<0.05	10.8	0.269	1.13	3.9
Q926792		1320	157.5	<0.002	4.64	62.3	8.9	1	8.0	96.1	0.51	1.03	10.5	0.211	2.51	5.1
Q926793		1570	122.5	<0.002	0.22	27.6	11.0	1	2.0	111.5	0.66	<0.05	10.7	0.286	1.79	5.5
Q926794		77.3	115.5	<0.002	0.10	9.83	10.6	1	2.1	341	0.69	<0.05	11.7	0.270	1.34	3.8
Q926795		298	138.0	<0.002	0.38	65.5	6.4	1	1.5	106.0	0.52	0.05	10.1	0.178	1.75	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119113

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926760		69	2.4	12.0	61	32.2
Q926761		64	2.1	16.0	221	28.0
Q926762		67	2.0	14.2	59	31.5
Q926763		67	3.2	12.7	58	32.1
Q926764		65	3.7	14.0	57	32.2
Q926765		62	2.9	15.3	83	29.9
Q926766		70	4.3	14.3	53	33.7
Q926767		69	2.3	15.7	62	31.8
Q926768		70	5.1	15.7	135	29.7
Q926769		65	5.4	11.3	858	30.2
Q926770		70	4.6	12.4	64	30.9
Q926771		64	7.0	12.3	152	28.2
Q926772		43	3.8	10.4	420	19.0
Q926773		2	0.1	0.8	15	<0.5
Q926774		58	4.8	11.4	342	36.3
Q926775		67	1.5	15.3	53	39.5
Q926776		70	2.5	15.0	99	35.9
Q926777		90	2.2	14.9	92	187.0
Q926778		69	2.1	14.6	53	36.9
Q926779		65	2.0	14.4	75	35.9
Q926780		69	1.9	15.2	53	37.3
Q926781		46	2.0	12.5	64	25.7
Q926782		69	2.5	15.3	63	37.2
Q926783		68	1.7	14.8	605	41.0
Q926784		48	3.1	13.0	862	28.3
Q926785		3	0.1	0.8	17	<0.5
Q926786		68	2.0	14.8	56	30.6
Q926787		67	2.1	14.2	55	30.5
Q926788		65	2.3	14.0	54	28.3
Q926789		68	1.7	13.2	54	30.7
Q926790		71	1.4	15.9	61	32.1
Q926791		73	1.2	15.7	67	32.9
Q926792		63	6.1	10.8	2390	28.0
Q926793		78	4.0	15.6	84	31.9
Q926794		75	2.1	16.9	111	30.9
Q926795		48	2.9	11.3	173	24.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119113

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

CERTIFICATE WH14119114

Project: KLAZA

P.O. No.: Batch 144

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119114

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934339		4.68	0.043	2.38	7.57	214	1270	1.42	1.19	1.22	6.92	54.5	6.7	14	14.05	34.1
Q934340		6.95	0.006	0.37	7.46	21.2	2410	1.49	0.28	2.75	3.44	44.6	5.5	19	10.95	27.2
Q934341		3.57	0.016	0.75	6.71	65.7	1930	1.46	0.45	2.75	1.41	53.1	16.0	15	12.00	36.1
Q934342		0.30	0.352	4.52	6.60	725	360	1.39	3.36	2.05	11.05	49.7	12.0	25	13.30	305
Q934343		1.04	0.191	27.4	6.69	1580	400	1.40	3.61	2.18	70.6	53.3	8.1	10	20.4	58.3
Q934344		4.58	<0.005	0.46	7.52	12.9	2210	1.63	0.71	2.49	0.31	53.2	7.4	14	10.85	20.0
Q934345		6.90	0.009	0.55	6.96	21.4	2130	1.67	0.54	2.54	1.16	42.2	7.1	16	6.96	22.4
Q934346		0.58	0.038	6.01	5.90	205	240	1.48	1.70	2.46	45.1	45.1	6.3	11	18.30	73.7
Q934347		3.18	0.012	0.92	7.56	107.0	2660	1.68	0.88	1.02	5.77	58.5	7.2	13	17.65	35.4
Q934348		3.07	<0.005	0.06	7.56	10.8	2300	1.61	0.11	2.12	0.75	49.8	6.7	15	9.98	4.7
Q934349		3.59	0.012	0.56	7.35	17.9	2150	1.52	0.68	2.08	1.73	51.9	7.3	13	17.50	52.0
Q934350		<0.02	0.013	0.49	7.35	16.3	2160	1.47	0.65	2.09	1.52	53.8	6.8	14	16.60	43.4
Q934351		2.63	<0.005	0.23	7.18	9.5	2120	1.38	0.30	2.57	0.27	47.8	7.3	15	7.79	15.9
Q934352		5.61	<0.005	0.13	7.52	18.6	2230	1.64	0.20	2.42	0.34	51.9	7.3	15	8.99	8.6
Q934353		0.30	0.864	11.45	6.65	1670	690	1.38	11.95	1.91	31.8	45.5	17.1	20	13.10	286
Q934354		1.41	0.005	0.25	7.47	86.9	2170	1.26	0.16	1.48	1.68	50.2	7.0	13	16.20	11.9
Q934355		1.78	0.017	1.92	7.02	181.0	900	1.59	0.18	1.79	15.20	51.8	7.2	13	20.2	12.3
Q934356		0.84	0.008	0.85	5.58	56.6	1620	1.39	0.20	4.63	0.82	42.0	4.9	8	18.45	5.4
Q934357		1.81	0.017	1.63	7.38	299	1070	1.64	0.16	1.75	9.25	53.8	6.5	11	23.2	17.9
Q934358		1.59	0.013	0.53	6.76	20.1	1600	1.46	0.18	3.47	1.98	43.1	4.4	19	10.90	4.1
Q934359		1.32	0.073	0.34	5.73	24.5	1080	1.23	0.87	3.28	0.90	62.9	11.7	12	8.61	2.3
Q934360		5.52	<0.005	<0.01	0.05	0.3	50	<0.05	0.02	20.5	0.07	1.13	0.8	1	0.14	2.1
Q934361		2.51	0.006	0.08	6.55	12.9	1130	1.28	0.24	3.24	0.39	40.5	4.2	21	7.91	1.4
Q934362		3.05	<0.005	0.04	6.95	8.1	1550	1.46	0.11	2.76	0.12	48.3	5.0	16	9.49	3.6
Q934363		3.20	0.021	0.26	6.07	33.4	1130	1.21	1.03	3.16	0.32	34.3	35.2	16	8.59	4.2
Q934364		4.98	<0.005	0.18	6.46	20.5	1420	1.38	0.15	2.79	0.55	43.1	5.6	12	13.55	3.3
Q934365		1.70	<0.005	0.76	6.37	26.6	1380	1.41	0.18	2.50	5.52	38.5	6.4	15	12.85	10.9
Q934366		3.08	0.011	0.54	6.84	160.0	1610	1.64	0.79	2.32	13.85	53.0	4.8	12	12.25	14.4
Q934367		3.42	<0.005	0.23	7.05	132.5	1450	1.42	0.23	2.18	1.78	56.1	6.0	12	16.15	4.7
Q934368		4.90	<0.005	0.12	6.70	41.7	1490	1.60	0.15	2.31	0.52	42.9	6.0	13	17.25	7.2
Q934369		2.41	0.067	4.92	6.95	186.0	1040	1.55	2.07	1.30	17.30	52.2	13.9	18	10.60	56.3
Q934370		2.16	0.086	6.15	6.98	204	1030	1.61	4.32	0.56	14.25	51.5	11.7	13	8.70	96.8
Q934371		2.64	0.080	4.56	7.14	378	1060	1.56	3.00	1.15	17.90	64.7	10.3	14	11.60	72.3
Q934372		2.17	0.479	17.60	5.88	228	640	1.33	15.50	0.75	33.0	46.2	22.9	13	7.27	97.8
Q934373		5.52	<0.005	0.04	0.06	0.9	20	0.06	0.04	19.50	0.15	1.13	0.7	1	0.15	1.7
Q934374		2.22	0.071	2.74	6.72	204	730	1.44	3.56	1.59	12.15	55.3	15.2	14	10.65	21.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119114

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934339		4.03	16.35	0.15	1.3	0.188	3.15	27.8	29.3	0.67	1750	2.53	0.21	8.2	2.4	620
Q934340		2.99	15.95	0.16	1.2	0.121	3.22	21.0	12.6	0.82	959	3.51	1.62	7.9	2.6	640
Q934341		3.34	15.30	0.16	1.1	0.069	2.93	26.2	15.4	0.79	1440	13.00	0.93	7.5	3.6	550
Q934342		4.98	15.35	0.14	1.1	0.317	3.01	26.0	25.6	0.80	1870	14.25	0.15	6.1	14.5	520
Q934343		5.22	15.05	0.15	1.0	0.465	2.75	28.0	14.4	0.99	2690	3.14	0.06	7.0	2.5	530
Q934344		2.94	16.85	0.19	1.3	0.053	2.83	25.6	12.7	0.77	665	2.76	2.03	8.5	3.0	610
Q934345		3.07	16.55	0.18	1.1	0.072	2.71	19.1	14.0	0.81	730	3.98	2.02	8.2	2.7	600
Q934346		6.94	12.60	0.14	0.9	0.669	2.82	22.1	13.2	1.34	3280	1.82	0.03	6.2	2.4	530
Q934347		3.46	16.70	0.18	1.2	0.185	3.50	31.6	25.1	0.30	1560	1.88	0.80	8.2	3.0	590
Q934348		2.81	16.30	0.17	1.1	0.047	2.87	24.5	13.0	0.69	697	1.63	2.32	8.0	2.8	610
Q934349		3.04	15.55	0.19	1.1	0.073	2.81	26.1	15.6	0.54	840	1.61	1.97	7.6	2.9	590
Q934350		3.04	15.50	0.16	1.1	0.073	2.84	27.0	14.5	0.53	828	1.73	1.99	7.4	2.8	590
Q934351		2.93	16.05	0.17	1.1	0.040	2.68	22.4	11.2	0.80	644	1.49	2.37	8.1	2.9	650
Q934352		3.04	16.80	0.19	1.2	0.057	2.88	25.3	13.1	0.79	685	1.91	2.31	8.3	3.0	610
Q934353		6.61	14.85	0.13	1.0	0.793	2.99	22.6	19.8	0.82	1860	8.99	0.13	6.2	12.0	560
Q934354		3.01	16.40	0.15	1.2	0.073	2.06	24.0	80.3	0.53	1340	2.20	0.07	8.2	2.7	620
Q934355		3.20	14.45	0.16	1.1	0.121	2.62	27.3	46.2	0.78	1870	2.79	0.04	7.2	2.8	540
Q934356		3.20	12.30	0.16	0.9	0.057	2.43	22.0	24.3	1.71	2860	2.58	0.03	5.8	1.8	410
Q934357		3.86	15.60	0.20	1.1	0.116	3.19	28.2	21.5	0.88	2590	3.28	0.06	7.5	2.6	570
Q934358		2.57	15.05	0.17	1.3	0.100	2.33	20.0	14.9	0.93	1370	2.73	1.35	7.7	3.0	600
Q934359		2.90	13.70	0.17	0.8	0.183	1.92	33.7	22.7	0.67	1280	1.39	0.44	4.9	2.6	360
Q934360		0.44	0.29	0.16	<0.1	<0.005	0.02	0.5	1.0	12.85	193	<0.05	<0.01	0.2	1.4	190
Q934361		1.98	16.00	0.18	1.2	0.096	1.94	18.5	10.4	0.64	892	2.46	1.83	7.6	2.4	550
Q934362		2.59	16.10	0.19	1.3	0.063	2.16	21.9	12.9	0.77	726	2.48	2.31	8.4	2.6	570
Q934363		3.21	14.80	0.13	1.2	0.113	1.84	15.9	35.9	0.80	930	2.05	1.76	7.0	8.4	500
Q934364		2.39	15.40	0.19	1.4	0.067	2.08	19.3	39.1	0.69	897	3.22	0.92	8.1	2.3	530
Q934365		2.40	15.65	0.19	1.4	0.197	2.07	17.0	39.8	0.61	830	3.66	0.96	8.2	2.4	550
Q934366		3.52	16.25	0.20	1.4	0.275	2.92	27.0	45.0	0.92	1710	2.38	0.11	8.3	2.6	550
Q934367		3.33	16.15	0.19	1.2	0.196	2.57	28.2	82.8	0.77	1490	2.46	0.17	8.2	2.8	590
Q934368		2.77	15.70	0.17	1.2	0.051	2.21	19.5	35.8	0.61	727	3.08	1.30	7.8	3.0	570
Q934369		5.22	16.55	0.18	1.0	0.428	3.13	27.8	47.7	0.91	2360	3.92	0.07	7.5	3.0	550
Q934370		5.95	15.40	0.12	1.0	0.579	3.17	26.6	57.2	0.77	2020	4.15	0.05	7.1	2.7	540
Q934371		6.10	15.80	0.09	1.0	0.440	3.18	35.1	32.8	0.94	3040	2.61	0.04	7.1	2.6	520
Q934372		7.46	14.30	0.08	0.8	1.785	2.60	23.1	69.5	0.82	2290	14.80	0.05	6.6	3.5	440
Q934373		0.46	0.24	0.08	<0.1	0.011	0.03	1.0	1.2	12.20	196	0.22	<0.01	0.2	1.5	170
Q934374		5.78	16.10	0.09	0.9	0.307	3.07	27.3	24.7	0.78	2520	2.83	0.06	7.0	3.0	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119114

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934339		552	171.5	<0.002	1.69	13.50	10.7	1	3.3	79.0	0.71	0.17	15.0	0.258	2.40	5.3
Q934340		52.1	153.5	<0.002	0.30	4.99	10.7	1	2.3	287	0.67	0.05	11.8	0.264	2.09	4.9
Q934341		69.2	131.0	<0.002	0.63	14.55	10.0	1	1.9	196.5	0.61	0.06	12.7	0.244	2.11	5.2
Q934342		488	154.5	0.003	2.71	28.8	9.3	1	5.6	110.0	0.50	0.32	11.1	0.208	2.53	5.1
Q934343		7040	145.0	<0.002	2.84	28.2	10.0	1	3.1	70.2	0.55	0.20	12.0	0.226	2.14	3.4
Q934344		28.2	116.5	<0.002	0.15	2.73	10.7	1	2.4	339	0.75	0.06	14.1	0.264	1.30	4.0
Q934345		132.5	101.0	<0.002	0.36	2.01	10.4	1	1.8	346	0.67	<0.05	10.2	0.255	1.27	3.6
Q934346		1480	161.5	<0.002	3.50	11.60	9.4	1	5.6	81.4	0.49	0.05	11.2	0.211	2.86	5.6
Q934347		88.6	185.0	<0.002	0.39	12.30	11.1	1	2.3	137.5	0.71	<0.05	16.2	0.250	2.32	3.1
Q934348		20.0	107.5	<0.002	0.01	1.89	10.7	1	1.6	348	0.65	<0.05	14.3	0.262	1.14	1.5
Q934349		63.6	112.5	<0.002	0.13	2.92	10.5	1	1.6	310	0.65	<0.05	14.2	0.250	1.23	2.4
Q934350		56.0	107.0	<0.002	0.13	2.86	10.0	1	1.5	310	0.63	<0.05	14.3	0.247	1.25	2.3
Q934351		25.1	91.1	<0.002	0.13	1.46	10.9	1	1.6	372	0.67	<0.05	12.5	0.262	1.06	2.4
Q934352		22.9	111.5	<0.002	0.03	1.14	10.8	1	1.5	364	0.71	<0.05	13.6	0.263	1.24	2.6
Q934353		1310	164.5	<0.002	4.78	61.3	9.3	2	7.7	96.9	0.52	1.24	10.8	0.218	2.52	5.1
Q934354		27.0	83.5	<0.002	0.20	17.10	11.0	1	1.7	170.0	0.70	<0.05	14.2	0.261	1.27	2.5
Q934355		583	137.0	<0.002	0.55	18.25	9.6	1	1.6	112.5	0.60	<0.05	14.7	0.226	2.09	4.8
Q934356		31.9	132.0	<0.002	0.34	17.40	8.3	1	1.2	124.0	0.48	<0.05	11.7	0.182	2.22	5.6
Q934357		476	154.0	<0.002	0.34	17.15	10.4	1	2.0	86.4	0.64	<0.05	14.7	0.243	2.39	4.6
Q934358		41.3	90.6	<0.002	0.22	9.41	9.6	1	2.2	235	0.62	0.22	11.7	0.251	1.60	4.6
Q934359		10.4	99.6	<0.002	0.70	40.6	6.3	1	2.9	129.5	0.43	0.16	10.7	0.149	1.54	4.3
Q934360		1.8	1.1	<0.002	<0.01	0.08	0.2	1	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q934361		8.1	79.7	<0.002	0.14	8.18	8.8	<1	2.5	244	0.68	<0.05	11.6	0.236	1.62	4.1
Q934362		16.4	86.7	<0.002	0.06	3.20	10.7	1	1.9	353	0.73	<0.05	13.3	0.252	1.19	3.9
Q934363		8.4	81.6	<0.002	1.40	13.30	8.6	1	2.4	251	0.69	0.22	10.7	0.212	1.59	3.7
Q934364		47.6	85.0	<0.002	0.12	6.92	9.2	1	2.0	208	0.78	<0.05	12.0	0.232	1.45	4.0
Q934365		314	84.3	<0.002	0.20	8.11	9.0	<1	2.6	221	0.77	<0.05	10.5	0.238	1.46	3.8
Q934366		76.7	145.0	<0.002	0.51	7.40	9.8	1	3.0	99.5	0.81	<0.05	14.0	0.231	2.53	4.0
Q934367		34.2	119.5	<0.002	0.21	7.01	10.7	1	2.5	112.5	0.76	<0.05	13.9	0.247	1.91	3.9
Q934368		16.4	84.3	<0.002	0.09	4.82	9.5	1	1.8	249	0.70	<0.05	11.7	0.246	1.25	3.7
Q934369		1920	193.0	<0.002	1.48	11.35	10.6	1	3.3	58.4	0.61	0.13	14.5	0.227	2.68	2.6
Q934370		1125	184.0	0.002	2.17	12.70	9.8	1	3.8	23.7	0.58	0.15	11.7	0.221	2.47	2.3
Q934371		901	196.5	0.002	1.82	10.05	9.6	1	5.2	41.7	0.62	0.12	12.8	0.224	2.40	2.8
Q934372		5140	157.5	<0.002	4.52	18.60	8.9	1	3.5	24.6	0.51	0.42	11.0	0.202	2.41	2.1
Q934373		8.0	1.4	<0.002	0.02	<0.05	0.2	1	<0.2	43.4	<0.05	<0.05	0.2	<0.005	0.02	0.7
Q934374		434	189.0	<0.002	2.77	8.49	9.5	1	4.5	41.7	0.55	0.11	13.0	0.207	2.53	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119114

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934339		70	5.4	13.5	788	30.5
Q934340		71	2.8	15.1	438	30.5
Q934341		68	2.0	15.5	221	27.4
Q934342		67	5.4	11.4	870	30.9
Q934343		63	4.4	13.8	5360	25.5
Q934344		71	2.3	16.1	93	32.1
Q934345		69	1.8	15.0	161	29.0
Q934346		50	9.8	11.4	4960	23.6
Q934347		68	2.3	15.8	812	30.3
Q934348		70	0.7	16.0	221	28.5
Q934349		68	1.4	16.0	283	28.1
Q934350		69	1.2	15.3	278	27.3
Q934351		74	0.8	15.8	77	27.3
Q934352		71	0.9	16.4	123	28.8
Q934353		65	5.7	11.1	2430	28.0
Q934354		68	4.8	15.3	436	29.6
Q934355		61	4.0	13.7	1100	28.6
Q934356		51	2.7	14.5	191	22.3
Q934357		64	3.8	14.1	719	26.5
Q934358		67	3.6	12.1	322	32.6
Q934359		53	3.0	9.3	337	20.6
Q934360		2	0.1	0.8	15	0.5
Q934361		64	2.2	8.5	131	31.9
Q934362		71	1.2	15.2	60	32.1
Q934363		70	2.3	8.8	106	30.8
Q934364		62	2.8	13.1	136	32.1
Q934365		63	2.7	11.9	598	33.3
Q934366		62	2.9	13.8	594	31.9
Q934367		67	3.0	15.7	420	29.6
Q934368		67	2.9	12.6	215	29.3
Q934369		70	3.4	11.0	1340	27.2
Q934370		63	4.5	8.2	1410	24.0
Q934371		63	6.0	11.7	1910	24.7
Q934372		57	3.8	7.9	3270	21.3
Q934373		2	0.1	0.8	23	<0.5
Q934374		57	5.6	10.3	1460	23.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119114

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

CERTIFICATE WH14119115

Project: KLAZA

P.O. No.: Batch 146

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

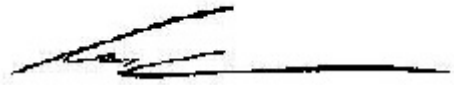
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119115

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q926796		3.36	<0.005	0.21	7.37	4.8	2140	1.57	0.25	2.92	0.24	46.5	6.8	15	13.10	11.3
Q926797		8.85	<0.005	0.34	7.57	4.4	2340	1.63	0.25	2.57	0.32	50.4	7.4	14	11.50	21.1
Q926798		8.81	<0.005	0.29	7.29	7.0	2170	1.50	0.30	2.46	0.36	51.8	6.6	10	14.75	26.8
Q926799		0.32	0.894	12.45	6.56	1550	750	1.44	12.10	1.88	34.2	47.9	18.3	18	15.10	281
Q926800		1.84	<0.005	0.17	6.81	11.3	3250	1.63	0.19	2.88	0.17	49.6	3.8	11	15.45	6.7
Q933701		3.63	<0.005	0.14	6.96	13.4	1490	1.63	0.31	2.28	0.18	44.9	5.8	12	16.55	12.7
Q933702		3.00	0.006	0.58	7.36	59.7	1990	1.66	0.22	3.13	1.07	52.8	7.8	13	18.25	26.9
Q933703		5.48	<0.005	0.18	7.80	5.8	2400	1.74	0.22	2.86	0.28	55.0	7.7	14	16.45	11.6
Q933704		6.76	<0.005	0.33	7.34	23.8	2110	1.69	0.37	2.85	0.40	52.4	7.8	15	16.05	13.8
Q933705		3.62	1.125	9.26	7.68	1600	1910	1.86	0.32	2.24	6.20	53.9	8.5	11	19.75	30.4
Q933706		<0.02	0.993	9.40	8.00	1540	1960	1.76	0.32	2.29	6.49	60.0	9.0	14	20.1	29.6
Q933707		4.16	<0.005	0.24	7.45	12.4	1820	1.56	0.28	2.53	0.27	51.5	7.7	14	20.7	23.1
Q933708		3.84	0.031	0.43	6.93	111.0	1330	1.35	0.35	1.92	0.59	50.6	7.9	11	19.95	21.8
Q933709		3.15	<0.005	0.19	8.31	10.8	2520	1.27	0.54	1.43	0.20	52.7	8.2	14	19.35	17.5
Q933710		0.29	0.388	4.18	6.78	718	530	1.41	3.50	2.07	11.00	49.2	12.5	24	14.45	314
Q933711		4.24	<0.005	0.16	6.76	16.8	1970	1.57	0.26	2.58	0.14	45.7	7.6	13	18.10	8.0
Q933712		5.18	<0.005	0.19	7.37	10.8	2240	1.68	0.24	2.76	0.16	51.9	7.9	16	11.25	12.8
Q933713		6.97	<0.005	0.23	7.13	5.4	2070	1.78	0.29	2.64	0.26	50.2	7.5	13	12.95	10.8
Q933714		4.46	0.005	0.21	7.25	12.6	2390	1.62	0.29	2.95	0.22	49.1	7.1	18	17.00	11.7
Q933715		2.70	0.007	0.22	7.17	15.9	2370	1.64	0.25	2.89	0.24	45.7	7.3	15	16.00	11.9
Q933716		7.55	0.005	0.34	7.35	34.5	2300	1.42	0.21	2.86	0.32	45.7	7.4	14	9.28	11.5
Q933717		9.39	<0.005	0.58	8.13	5.5	2490	1.53	0.26	2.83	0.26	51.9	7.7	16	8.72	15.3
Q933718		4.07	<0.005	0.25	7.81	4.3	2340	1.67	0.28	2.70	0.24	53.4	7.0	15	7.10	12.2
Q933719		4.08	0.013	0.27	7.19	43.6	2840	1.36	0.73	2.64	0.12	46.0	11.2	14	11.55	8.3
Q933720		5.54	<0.005	0.01	0.10	0.3	30	0.07	0.02	21.2	0.06	1.42	0.8	1	0.20	1.6
Q933721		1.84	<0.005	0.20	7.03	6.5	2470	1.50	0.27	2.64	0.09	42.8	7.0	15	8.22	53.8
Q933722		3.58	0.010	0.26	7.28	31.4	2890	1.36	0.47	1.85	0.11	52.0	5.4	13	9.50	51.0
Q933723		9.36	<0.005	0.21	7.43	6.0	2370	1.42	0.22	2.57	0.13	48.6	5.7	15	11.65	19.1
Q933724		2.62	0.007	0.40	7.44	11.7	1900	1.33	0.20	1.87	0.22	45.6	7.5	13	16.85	52.5
Q933725		4.21	0.005	0.35	5.44	22.2	1380	1.09	0.42	3.37	0.53	37.4	9.8	13	13.35	11.1
Q933726		5.54	<0.005	0.01	0.06	<0.2	80	0.06	0.02	20.4	0.05	1.19	0.7	1	0.12	1.4
Q933727		5.30	<0.005	0.27	6.94	15.1	1570	1.25	0.18	2.46	0.35	45.2	7.0	14	13.45	13.7
Q933728		9.30	<0.005	0.21	7.22	6.3	2220	1.57	0.22	2.71	0.21	41.5	6.8	14	18.95	14.4
Q933729		1.39	0.096	0.50	6.70	20.9	1690	1.49	0.36	3.16	1.48	36.8	8.5	12	9.00	20.2
Q933730		3.78	<0.005	0.08	7.46	5.5	2400	1.56	0.47	2.56	0.09	47.4	6.9	14	9.65	10.0
Q933731		9.71	<0.005	0.14	6.56	5.8	1980	1.49	0.43	2.43	0.40	48.0	6.2	11	10.50	10.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119115

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926796		2.94	16.65	0.06	1.1	0.044	2.79	23.4	14.7	0.72	959	2.70	2.10	8.1	2.5	570
Q926797		2.92	16.75	0.07	1.2	0.042	2.74	25.7	15.0	0.88	776	3.79	2.41	8.3	2.5	610
Q926798		2.97	16.60	0.06	1.2	0.052	3.05	25.5	30.4	0.78	939	3.01	1.62	8.7	2.5	610
Q926799		6.55	15.70	0.06	1.1	0.838	2.95	25.3	19.4	0.81	1830	9.12	0.13	6.7	12.6	540
Q926800		3.25	15.50	0.05	1.2	0.078	3.20	25.3	50.7	1.11	1350	1.99	0.05	7.5	2.6	520
Q933701		3.15	16.50	0.06	1.2	0.080	2.80	22.2	143.0	0.86	1420	2.13	0.05	8.5	2.3	600
Q933702		3.01	17.20	0.06	1.3	0.040	3.10	26.5	58.4	1.08	2600	2.86	0.14	8.9	2.7	630
Q933703		3.21	17.20	0.07	1.4	0.044	2.89	27.3	17.3	0.90	839	1.83	2.43	9.2	2.6	670
Q933704		3.13	17.25	0.05	1.3	0.044	2.69	25.5	16.8	0.83	1560	3.49	2.21	9.6	2.7	670
Q933705		3.54	17.70	0.06	1.3	0.050	3.29	27.0	18.1	0.77	2650	4.20	1.63	9.5	2.9	680
Q933706		3.61	17.75	0.07	1.3	0.049	3.36	31.4	18.1	0.82	2640	4.71	1.65	9.6	2.8	690
Q933707		3.11	17.10	0.06	1.3	0.047	3.02	24.9	40.1	0.83	1030	3.00	1.08	9.3	2.5	650
Q933708		2.58	15.35	0.05	1.3	0.041	2.94	25.5	74.9	0.70	2220	1.91	0.21	8.1	3.1	560
Q933709		3.22	18.50	0.06	1.5	0.052	2.97	26.5	36.5	0.64	1060	1.99	0.14	10.1	2.7	690
Q933710		5.06	15.35	0.06	1.2	0.306	3.10	27.2	25.0	0.82	1920	14.65	0.16	6.3	14.5	530
Q933711		3.20	15.35	0.05	1.3	0.059	3.10	23.2	81.8	0.80	1170	1.39	0.79	8.0	2.3	600
Q933712		3.16	16.80	0.07	1.5	0.043	2.79	25.1	16.8	0.87	783	1.84	2.17	9.6	2.9	640
Q933713		2.96	16.85	0.07	1.4	0.043	2.72	24.7	15.1	0.82	831	3.01	2.28	9.2	2.4	610
Q933714		3.07	16.80	0.06	1.1	0.054	3.05	24.0	14.7	0.78	1210	3.96	1.87	8.4	2.5	610
Q933715		3.11	16.25	0.07	1.1	0.051	2.99	21.8	14.5	0.78	1180	5.22	1.86	8.2	2.7	600
Q933716		3.06	16.20	0.10	1.1	0.048	2.70	22.2	12.9	0.80	1530	3.22	2.10	7.8	2.4	620
Q933717		3.28	16.95	0.10	1.2	0.044	2.78	26.6	14.3	0.93	899	3.90	2.48	8.4	2.6	660
Q933718		3.00	16.75	0.10	1.3	0.039	2.68	27.0	20.1	0.82	781	3.01	2.31	8.9	2.4	630
Q933719		3.56	16.20	0.09	1.3	0.101	3.55	22.5	23.1	0.78	1500	1.70	1.22	8.0	2.5	650
Q933720		0.50	0.27	0.12	<0.1	<0.005	0.04	0.7	1.0	13.30	214	0.14	0.01	0.2	1.5	220
Q933721		3.12	15.80	0.13	1.3	0.062	3.05	20.9	10.7	0.72	715	4.11	1.91	8.6	2.8	620
Q933722		3.21	15.45	0.13	1.3	0.102	3.92	27.6	22.6	0.75	1540	1.62	0.33	7.8	2.3	570
Q933723		3.03	15.60	0.10	1.2	0.060	3.03	24.8	13.1	0.74	834	1.69	1.91	7.8	2.4	580
Q933724		2.85	15.35	0.10	1.2	0.043	2.93	23.4	50.5	0.74	829	1.34	0.68	7.8	2.9	600
Q933725		3.03	11.50	0.09	0.8	0.080	2.22	21.0	98.0	1.24	2100	1.36	0.03	5.5	2.2	420
Q933726		0.45	0.19	0.13	<0.1	<0.005	0.02	0.6	1.0	12.65	200	0.05	0.01	0.3	1.4	180
Q933727		2.71	14.95	0.12	1.1	0.052	1.78	23.2	96.9	0.89	1180	1.16	0.05	7.4	2.4	570
Q933728		3.02	15.75	0.11	1.1	0.053	2.75	20.6	20.3	0.76	862	1.75	1.89	7.7	2.3	590
Q933729		2.55	15.25	0.08	1.2	0.061	3.38	17.4	16.6	0.63	1720	1.89	1.06	7.6	2.2	570
Q933730		2.96	16.40	0.10	1.4	0.045	2.80	23.7	15.4	0.80	762	1.58	2.32	8.6	2.5	610
Q933731		2.72	15.90	0.12	1.5	0.046	2.64	20.8	11.4	0.55	821	1.61	1.79	7.8	2.5	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119115

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926796		44.9	115.5	<0.002	0.03	3.35	9.7	1	1.8	360	0.63	<0.05	12.7	0.251	1.36	3.4
Q926797		42.5	115.0	<0.002	0.01	1.39	10.5	1	2.0	437	0.68	<0.05	13.4	0.257	1.22	4.9
Q926798		33.5	125.0	<0.002	0.04	8.93	10.8	1	2.2	293	0.68	<0.05	13.6	0.261	1.51	4.3
Q926799		1330	171.0	<0.002	4.70	66.2	9.7	2	8.4	96.7	0.55	1.63	11.8	0.210	2.59	5.5
Q926800		15.1	151.5	<0.002	0.21	19.75	9.7	1	1.9	137.5	0.64	<0.05	12.9	0.233	2.47	3.8
Q933701		13.1	117.5	0.004	0.10	22.6	10.5	1	1.9	189.0	0.71	<0.05	12.1	0.260	2.10	3.8
Q933702		74.1	134.0	<0.002	0.31	29.7	11.3	1	2.1	191.5	0.76	<0.05	13.5	0.264	2.22	5.8
Q933703		25.2	115.0	<0.002	0.02	1.74	11.6	1	1.9	426	0.77	<0.05	14.6	0.287	1.27	4.6
Q933704		33.3	112.0	<0.002	0.10	4.92	11.6	1	1.9	392	0.71	<0.05	13.4	0.279	1.39	4.8
Q933705		228	149.5	<0.002	0.68	91.9	12.9	1	2.4	300	0.74	<0.05	15.5	0.294	2.13	5.4
Q933706		225	158.0	<0.002	0.71	92.3	13.0	1	2.5	306	0.74	<0.05	16.2	0.304	2.06	5.5
Q933707		27.0	117.0	<0.002	0.05	12.80	11.3	1	2.0	249	0.72	0.05	13.7	0.277	1.65	4.5
Q933708		31.5	123.0	<0.002	0.25	32.9	10.0	1	1.8	112.0	0.72	<0.05	14.5	0.248	1.96	5.3
Q933709		20.8	124.5	<0.002	0.08	19.30	12.1	1	2.0	95.2	0.82	<0.05	14.9	0.301	1.60	3.3
Q933710		488	164.0	0.005	2.74	28.5	9.3	1	5.8	108.0	0.50	0.32	11.6	0.209	2.45	5.4
Q933711		19.9	137.5	<0.002	0.16	11.90	10.2	1	1.8	189.0	0.69	<0.05	12.2	0.254	1.88	5.1
Q933712		26.6	110.0	<0.002	0.02	2.92	11.4	1	1.9	358	0.78	<0.05	13.6	0.279	1.28	5.2
Q933713		38.9	112.5	<0.002	0.03	2.11	11.0	1	1.9	369	0.77	<0.05	13.6	0.262	1.36	5.2
Q933714		34.2	124.0	<0.002	0.08	5.50	11.0	1	1.9	339	0.66	<0.05	12.6	0.263	1.63	4.3
Q933715		32.9	116.5	<0.002	0.07	5.23	10.4	1	1.9	339	0.65	<0.05	11.2	0.263	1.60	3.9
Q933716		42.7	99.9	<0.002	0.09	3.70	10.3	1	1.8	391	0.59	<0.05	11.6	0.258	1.30	3.6
Q933717		52.4	110.5	<0.002	0.02	1.65	11.4	1	1.9	464	0.67	<0.05	14.2	0.281	1.13	3.9
Q933718		45.6	106.5	<0.002	0.02	2.24	10.8	1	1.8	412	0.76	<0.05	14.9	0.265	1.13	4.9
Q933719		17.6	142.5	<0.002	0.36	6.88	11.1	1	1.9	232	0.66	<0.05	12.0	0.271	1.86	4.2
Q933720		2.1	2.0	<0.002	0.01	0.12	0.2	<1	<0.2	53.2	<0.05	<0.05	0.2	<0.005	0.02	0.9
Q933721		22.2	111.5	<0.002	0.02	2.09	10.4	1	1.6	345	0.73	<0.05	11.7	0.262	1.34	4.0
Q933722		17.5	173.5	<0.002	0.46	25.7	9.9	1	1.6	125.0	0.66	<0.05	14.4	0.237	2.11	4.9
Q933723		27.1	124.0	<0.002	0.02	3.89	10.1	1	1.7	331	0.66	<0.05	14.0	0.250	1.35	4.3
Q933724		35.1	111.0	<0.002	0.05	24.1	9.8	1	1.6	196.0	0.66	<0.05	13.2	0.242	1.49	5.2
Q933725		25.7	112.0	<0.002	0.18	37.6	7.4	1	1.6	116.0	0.44	<0.05	10.3	0.174	1.57	6.0
Q933726		1.5	1.0	<0.002	0.01	0.09	0.2	1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q933727		29.0	60.4	<0.002	0.15	20.9	9.8	1	2.1	172.5	0.60	<0.05	12.5	0.241	1.42	6.0
Q933728		31.4	106.5	<0.002	0.02	5.12	10.0	1	2.0	352	0.64	<0.05	12.5	0.248	1.27	4.2
Q933729		178.0	143.0	<0.002	0.21	17.65	8.9	1	1.9	202	0.61	<0.05	9.9	0.246	2.01	2.6
Q933730		18.7	100.5	<0.002	0.01	2.22	10.5	1	2.2	411	0.69	<0.05	13.5	0.264	1.15	2.7
Q933731		23.5	107.5	<0.002	0.03	3.39	10.3	1	2.0	285	0.64	<0.05	12.7	0.232	1.08	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119115

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926796		66	1.7	15.4	67	29.3
Q926797		69	3.1	17.5	72	32.4
Q926798		71	3.3	16.9	77	33.8
Q926799		64	6.2	12.1	2410	31.4
Q926800		65	3.4	16.2	64	30.6
Q933701		72	3.7	14.7	61	31.9
Q933702		72	3.2	17.6	164	33.8
Q933703		75	1.9	19.3	73	34.8
Q933704		76	2.0	18.3	72	34.9
Q933705		84	4.1	18.8	569	34.4
Q933706		86	3.9	19.3	613	31.9
Q933707		77	2.5	17.6	69	34.5
Q933708		64	5.5	16.1	79	33.2
Q933709		77	7.2	17.7	68	39.1
Q933710		68	5.5	12.0	880	31.3
Q933711		73	2.9	16.0	59	32.5
Q933712		77	3.4	18.4	61	39.6
Q933713		71	2.4	17.5	67	36.6
Q933714		73	2.7	18.4	65	31.3
Q933715		72	2.7	15.6	67	29.9
Q933716		72	2.1	16.4	73	31.3
Q933717		77	2.9	18.9	70	32.4
Q933718		71	2.9	18.6	67	35.9
Q933719		83	3.6	16.1	60	34.6
Q933720		2	0.1	0.9	15	0.5
Q933721		71	1.9	15.8	52	35.3
Q933722		66	4.0	16.2	59	35.2
Q933723		68	3.1	16.4	59	32.7
Q933724		69	4.1	16.0	72	32.6
Q933725		51	4.3	13.2	90	22.8
Q933726		2	0.2	0.8	14	<0.5
Q933727		68	3.5	16.4	75	31.7
Q933728		67	2.9	15.9	66	30.0
Q933729		68	2.3	13.2	185	36.2
Q933730		70	2.2	17.3	56	40.9
Q933731		63	2.1	15.8	81	40.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119115

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

CERTIFICATE WH14119116

Project: KLAZA

P.O. No.: Batch 141

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

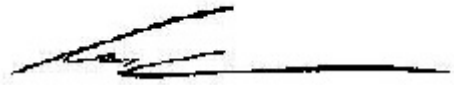
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119116

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934303		5.57	<0.005	0.20	7.13	60.6	1820	1.41	0.08	2.55	0.20	43.3	6.6	12	20.4	5.8
Q934304		2.63	0.020	2.38	7.35	98.5	1440	1.64	1.14	2.43	6.20	42.4	4.7	14	9.58	151.5
Q934305		5.69	0.044	3.01	8.73	147.0	450	2.29	1.76	2.50	15.35	102.0	39.0	8	9.70	137.5
Q934306		6.97	0.025	1.18	8.81	72.4	1980	2.29	1.51	3.13	3.66	60.3	22.6	8	12.10	42.5
Q934307		2.91	<0.005	0.36	7.41	28.1	1670	1.58	0.33	2.71	1.52	48.2	6.2	11	22.5	13.1
Q934308		1.25	0.159	12.70	6.98	792	1540	1.80	0.87	2.99	7.91	49.9	11.6	13	20.3	51.4
Q934309		4.87	0.009	0.35	7.21	36.9	2300	1.67	0.38	3.10	0.26	46.9	9.7	15	28.3	19.2
Q934310		2.44	<0.005	0.17	7.20	22.7	2020	1.56	0.33	2.72	0.14	40.1	7.5	14	17.90	5.2
Q934311		1.18	0.085	2.67	6.80	151.0	1670	1.65	0.30	3.57	13.15	46.1	6.3	11	21.1	25.6
Q934312		2.40	<0.005	0.09	7.33	7.1	2460	1.57	0.29	2.85	0.11	40.1	6.4	21	12.90	4.6
Q934313		1.29	<0.005	0.08	7.23	7.2	2410	1.55	0.26	2.77	0.10	41.1	5.9	11	12.40	3.7
Q934314		1.29	0.030	1.18	7.40	81.4	1740	1.55	0.60	2.59	1.84	49.8	4.6	15	15.85	29.4
Q934315		5.53	<0.005	0.02	0.06	<0.2	30	0.08	0.03	20.8	0.07	1.31	0.7	1	0.23	1.5
Q934316		2.18	0.009	0.44	6.97	25.6	2470	1.59	0.16	2.96	0.30	40.2	6.3	15	17.50	8.7
Q934317		1.59	0.024	1.88	7.39	71.8	1750	1.47	0.82	2.22	6.80	45.8	12.9	17	15.25	13.9
Q934318		1.75	0.121	2.89	7.18	169.5	2290	1.34	0.41	2.22	3.46	45.2	4.7	11	16.15	104.0
Q934319		4.41	0.010	1.86	8.47	503	1730	1.33	0.17	0.40	21.6	93.7	4.8	12	14.05	12.6
Q934320		6.70	<0.005	0.55	8.43	135.5	1660	1.43	0.24	0.25	12.90	76.6	8.7	13	15.85	8.6
Q934321		6.77	0.006	0.10	7.91	129.5	2290	1.55	0.12	1.46	2.62	59.2	10.1	12	11.20	5.9
Q934322		1.39	<0.005	0.08	8.08	73.6	2260	1.68	0.05	1.30	3.63	45.5	8.3	10	10.50	3.0
Q934323		5.51	<0.005	0.01	0.07	0.5	30	0.09	<0.01	21.4	0.07	1.30	0.8	1	0.16	1.9
Q934324		1.00	0.069	4.52	7.14	1165	1930	1.33	0.44	2.34	22.0	52.9	7.4	14	19.55	8.9
Q934325		0.77	0.021	36.4	6.52	30.5	1650	1.38	0.62	3.52	91.5	44.7	6.3	9	19.60	48.3
Q934326		0.29	0.371	4.66	7.06	743	980	1.42	3.21	2.14	11.10	52.8	12.3	26	13.25	327
Q934327		3.86	0.005	2.68	7.45	22.9	2010	1.62	0.31	2.57	9.11	48.0	6.9	12	14.30	16.3
Q934328		5.19	<0.005	0.21	7.86	10.1	2010	1.24	0.36	1.20	3.10	50.9	8.2	14	14.40	13.7
Q934329		6.92	<0.005	0.12	7.62	5.2	2390	1.69	0.26	2.70	0.16	45.3	7.7	15	9.90	9.7
Q934330		3.64	<0.005	0.13	6.67	7.3	2220	1.40	0.24	2.36	0.64	34.6	7.6	11	9.91	11.8
Q934331		0.30	0.903	11.50	6.95	1620	1280	1.35	12.00	1.97	32.9	45.2	17.9	20	13.30	306
Q934332		2.91	0.022	1.33	7.97	148.0	1130	1.50	1.33	0.69	16.45	52.4	9.7	13	10.75	22.5
Q934333		6.90	0.009	0.47	7.22	67.0	1440	1.81	0.14	2.97	0.45	59.2	7.0	19	16.45	7.8
Q934334		5.87	0.005	0.28	7.10	46.9	1590	1.92	0.13	2.95	0.21	57.8	7.7	18	15.70	8.2
Q934335		5.76	<0.005	0.18	6.26	74.3	1440	1.81	0.10	2.10	2.88	55.4	6.0	13	16.60	8.7
Q934336		6.52	<0.005	0.20	7.14	89.7	1910	2.10	0.25	2.89	7.60	64.1	7.6	15	18.35	16.4
Q934337		<0.02	<0.005	0.19	6.66	87.3	1890	2.04	0.24	2.79	7.47	55.0	7.4	15	16.95	16.2
Q934338		1.12	0.130	7.00	6.92	306	110	1.39	6.64	0.98	4.18	38.3	9.5	10	7.07	84.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119116

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934303		2.79	15.95	0.20	1.2	0.042	2.32	20.5	38.2	0.89	1010	1.13	0.05	7.7	1.9	570
Q934304		4.07	14.80	0.17	1.2	0.182	3.47	21.8	8.1	0.95	2940	0.92	0.03	7.6	1.8	580
Q934305		6.63	24.0	0.19	1.3	0.250	4.64	44.7	12.8	1.10	2640	0.24	0.05	9.1	3.1	730
Q934306		6.60	25.9	0.18	1.2	0.148	4.23	28.9	41.7	1.40	2050	0.22	0.08	7.8	2.8	680
Q934307		3.33	16.45	0.19	1.1	0.055	2.65	24.3	43.5	1.01	899	1.49	0.16	7.8	2.0	600
Q934308		3.94	16.30	0.13	1.2	0.098	3.17	25.1	12.6	1.02	2640	7.30	0.06	7.5	3.0	560
Q934309		3.30	16.65	0.19	1.2	0.046	2.76	23.3	12.8	0.88	800	4.61	0.19	7.9	2.3	630
Q934310		3.06	16.55	0.19	1.3	0.040	2.67	16.8	16.1	0.77	705	4.32	1.21	8.0	2.5	610
Q934311		3.98	15.35	0.17	1.1	0.427	2.92	23.4	23.8	1.15	2440	3.91	0.28	7.3	2.0	540
Q934312		3.16	16.60	0.22	1.2	0.042	2.87	16.8	14.0	0.69	606	4.24	2.03	8.2	2.4	610
Q934313		2.87	16.10	0.28	1.1	0.045	2.81	17.6	14.4	0.68	571	1.98	1.99	7.6	1.8	580
Q934314		4.11	15.80	0.21	1.1	0.251	3.63	25.4	14.5	0.95	2410	1.55	0.26	7.3	2.0	580
Q934315		0.47	0.29	0.21	<0.1	<0.005	0.03	0.6	1.1	13.15	193	0.15	0.01	0.2	0.9	190
Q934316		3.08	15.60	0.25	1.2	0.048	3.37	16.9	11.5	0.81	1490	4.39	1.05	7.6	2.1	590
Q934317		4.56	15.95	0.19	1.2	0.371	3.51	22.4	17.9	0.66	3110	3.02	0.11	7.6	2.2	590
Q934318		4.05	16.10	0.18	1.1	0.254	3.48	22.6	17.9	0.86	2280	2.19	0.19	7.4	2.0	550
Q934319		3.56	17.65	0.22	1.2	0.114	2.85	53.3	55.6	0.20	1120	3.78	0.38	8.5	2.3	650
Q934320		3.35	17.60	0.22	1.2	0.110	3.13	42.8	35.6	0.18	887	2.95	0.08	8.6	1.8	670
Q934321		3.25	16.75	0.27	1.2	0.047	2.82	31.6	17.2	0.73	1110	1.51	1.94	8.1	2.8	620
Q934322		3.38	16.65	0.26	1.2	0.035	2.87	23.8	18.5	0.98	728	1.58	1.49	8.0	2.4	630
Q934323		0.48	0.26	0.32	<0.1	0.006	0.03	0.6	1.1	13.50	204	0.05	0.01	0.2	1.0	200
Q934324		5.33	15.25	0.20	1.1	0.214	2.87	29.1	40.5	1.05	3070	1.63	0.07	7.0	1.6	520
Q934325		4.09	14.45	0.21	1.1	0.390	2.64	23.1	25.9	1.05	2190	0.79	0.26	6.5	1.9	480
Q934326		5.20	15.60	0.21	1.1	0.301	3.07	29.7	26.1	0.82	1940	14.65	0.15	6.1	13.5	550
Q934327		3.42	16.80	0.23	1.3	0.113	3.09	22.7	17.8	0.77	1300	0.90	1.22	8.2	2.0	610
Q934328		3.12	16.60	0.23	1.3	0.062	2.89	25.7	33.9	0.47	979	1.26	0.48	8.1	2.2	630
Q934329		3.03	17.35	0.28	1.3	0.044	2.95	21.4	15.2	0.81	613	1.13	2.31	8.6	2.2	630
Q934330		3.01	16.75	0.33	1.3	0.056	2.93	14.7	27.4	0.59	841	1.40	1.14	8.5	2.5	600
Q934331		6.86	15.70	0.09	1.1	0.813	2.99	22.9	19.9	0.81	1880	8.62	0.13	6.4	11.7	570
Q934332		4.52	16.65	0.15	1.2	0.216	3.59	27.4	20.9	0.55	2510	5.07	0.13	8.0	2.5	600
Q934333		2.61	19.35	0.24	3.5	0.033	2.91	29.7	116.5	1.12	1060	1.87	0.05	10.3	5.7	1060
Q934334		2.54	19.65	0.27	3.5	0.024	2.74	28.9	124.5	1.11	839	1.63	0.06	10.5	6.0	1050
Q934335		2.31	14.35	0.14	2.7	0.025	2.38	28.8	79.7	0.86	904	2.03	0.04	8.1	4.5	830
Q934336		2.95	16.70	0.15	3.2	0.030	2.77	32.8	113.5	1.10	1440	1.55	0.05	9.3	5.4	1020
Q934337		2.81	15.75	0.15	3.1	0.031	2.65	27.2	108.5	1.04	1400	1.61	0.05	9.0	5.5	970
Q934338		5.78	16.05	0.13	1.1	0.281	3.20	17.1	6.3	0.49	965	1.82	0.03	6.9	3.0	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119116

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934303		17.9	86.8	<0.002	0.16	13.10	9.4	1	1.6	105.5	0.64	<0.05	11.6	0.250	1.63	4.0
Q934304		379	216	0.002	1.09	17.55	9.9	<1	3.2	48.5	0.65	0.24	13.6	0.255	2.87	4.8
Q934305		631	201	<0.002	3.25	15.65	13.3	1	6.3	65.2	0.80	0.25	11.6	0.302	4.13	3.7
Q934306		152.0	175.5	<0.002	2.13	9.55	12.1	1	4.1	118.5	0.69	0.24	12.7	0.276	3.47	4.1
Q934307		108.0	104.5	<0.002	0.30	6.06	10.1	1	2.3	107.5	0.61	<0.05	12.6	0.251	1.96	3.4
Q934308		1655	156.0	0.002	1.64	23.8	10.0	1	2.6	82.9	0.62	0.07	11.1	0.232	2.68	11.3
Q934309		19.7	100.0	<0.002	0.45	7.27	10.3	1	1.8	98.4	0.64	0.05	11.6	0.267	2.26	4.9
Q934310		20.0	98.1	<0.002	0.18	4.81	10.3	1	1.6	246	0.67	<0.05	10.3	0.267	1.64	3.6
Q934311		649	133.5	<0.002	1.46	11.25	9.7	1	3.0	164.0	0.59	<0.05	11.0	0.241	2.45	5.6
Q934312		17.4	104.5	<0.002	0.07	8.46	9.7	1	1.7	383	0.64	<0.05	10.6	0.272	1.39	3.5
Q934313		16.3	106.5	<0.002	0.07	8.08	9.4	1	1.6	373	0.65	<0.05	10.6	0.262	1.35	3.3
Q934314		183.0	192.0	<0.002	1.02	8.57	10.1	1	3.6	124.5	0.58	<0.05	12.4	0.252	2.59	5.5
Q934315		2.7	2.2	<0.002	<0.01	0.10	0.2	<1	<0.2	47.7	<0.05	<0.05	0.3	<0.005	0.03	0.8
Q934316		24.1	124.0	<0.002	0.24	4.59	8.9	1	1.6	252	0.62	<0.05	10.7	0.259	2.27	4.3
Q934317		376	159.5	<0.002	1.56	11.05	10.0	1	2.6	99.6	0.62	0.14	11.8	0.251	2.50	3.8
Q934318		284	160.5	<0.002	0.99	37.7	9.9	1	2.7	104.5	0.61	<0.05	11.9	0.237	2.43	4.3
Q934319		349	137.5	<0.002	0.01	19.45	11.4	1	2.0	203	0.76	<0.05	22.8	0.278	1.43	3.8
Q934320		118.5	170.0	<0.002	0.08	22.7	12.3	1	2.2	77.8	0.72	<0.05	20.8	0.276	1.95	5.6
Q934321		21.6	120.0	<0.002	0.02	5.01	10.8	1	2.5	280	0.65	<0.05	15.1	0.265	1.18	2.3
Q934322		19.7	119.5	<0.002	0.01	2.12	11.3	1	1.6	229	0.67	<0.05	14.1	0.270	1.02	2.1
Q934323		1.9	1.2	<0.002	<0.01	0.05	0.2	1	<0.2	51.4	<0.05	<0.05	0.3	<0.005	0.02	0.7
Q934324		1420	155.0	<0.002	1.39	16.00	9.3	1	4.4	82.4	0.60	<0.05	14.3	0.223	2.02	4.5
Q934325		>10000	126.5	<0.002	1.20	26.5	8.5	1	4.5	111.0	0.57	<0.05	12.6	0.206	1.87	5.9
Q934326		514	171.0	0.005	2.81	27.9	9.4	1	5.8	113.0	0.49	0.32	11.8	0.218	2.39	5.3
Q934327		567	136.0	<0.002	0.18	6.36	10.3	1	2.3	245	0.71	<0.05	12.9	0.265	1.72	3.4
Q934328		33.7	127.0	<0.002	0.05	14.25	10.4	1	2.2	133.0	0.69	<0.05	14.9	0.263	1.43	3.3
Q934329		20.2	109.0	<0.002	0.01	2.37	10.5	1	1.8	386	0.71	<0.05	13.2	0.267	1.29	2.9
Q934330		20.2	84.9	<0.002	0.02	4.68	9.5	<1	2.0	224	0.70	<0.05	11.3	0.270	1.37	2.3
Q934331		1375	169.5	<0.002	4.89	67.3	9.4	2	8.1	101.0	0.52	1.00	10.9	0.224	2.54	5.3
Q934332		246	192.5	0.002	2.05	11.65	10.5	1	3.1	53.6	0.64	0.07	15.0	0.257	2.75	4.7
Q934333		21.6	125.0	<0.002	0.45	9.64	7.0	1	1.4	153.5	0.67	<0.05	8.7	0.299	2.63	6.0
Q934334		14.8	112.5	<0.002	0.22	9.64	7.1	1	1.5	161.5	0.72	<0.05	8.7	0.293	2.59	7.2
Q934335		18.0	131.5	<0.002	0.17	22.1	6.0	1	1.2	147.5	0.55	<0.05	8.3	0.240	2.47	6.4
Q934336		50.1	141.5	<0.002	0.14	10.10	6.9	1	1.2	146.0	0.65	<0.05	9.3	0.271	3.23	7.0
Q934337		47.9	114.0	<0.002	0.14	9.64	6.5	1	1.2	138.5	0.63	<0.05	8.1	0.264	3.09	6.6
Q934338		544	164.0	<0.002	5.70	25.5	10.0	1	7.1	18.3	0.63	0.44	11.8	0.215	2.86	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119116

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
Q934303		67	6.3	14.3	51	28.0	
Q934304		66	3.9	12.4	753	27.2	
Q934305		110	5.1	13.1	1700	29.4	
Q934306		108	4.3	11.7	450	29.2	
Q934307		68	2.0	14.2	184	27.9	
Q934308		64	4.8	15.7	820	28.0	
Q934309		74	4.5	14.5	59	26.7	
Q934310		74	6.2	14.2	45	30.0	
Q934311		66	5.1	13.7	1380	26.6	
Q934312		73	4.2	14.4	42	29.1	
Q934313		69	3.9	13.9	40	26.7	
Q934314		68	4.0	13.1	238	26.2	
Q934315		2	0.1	0.8	14	0.5	
Q934316		70	6.8	14.1	61	28.4	
Q934317		70	4.2	13.7	714	27.0	
Q934318		65	3.6	13.4	358	26.4	
Q934319		75	5.7	16.5	1480	28.1	
Q934320		74	4.2	17.2	1420	28.8	
Q934321		71	1.7	17.4	602	28.6	
Q934322		73	1.0	16.8	703	28.8	
Q934323		2	0.1	0.9	17	<0.5	
Q934324		63	6.9	15.8	1920	26.1	
Q934325		59	3.9	14.3	9100	26.3	1.210
Q934326		69	5.8	12.2	905	30.2	
Q934327		71	4.0	16.4	1060	32.7	
Q934328		70	6.4	15.5	587	30.4	
Q934329		74	2.1	16.4	62	30.4	
Q934330		71	3.9	14.2	262	31.7	
Q934331		65	6.0	11.6	2490	28.5	
Q934332		68	4.7	13.2	2240	29.7	
Q934333		63	2.7	12.9	158	139.0	
Q934334		63	2.3	13.1	84	140.5	
Q934335		52	1.7	11.4	360	105.0	
Q934336		58	1.3	14.6	1350	123.5	
Q934337		57	1.3	13.4	1320	119.5	
Q934338		63	5.6	7.8	419	26.4	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119116

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Pb-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

CERTIFICATE WH14119117

Project: KLAZA

P.O. No.: Batch 148

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119117

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933732		4.04	<0.005	0.13	7.24	10.2	2280	1.66	0.33	2.74	0.12	39.9	7.4	12	15.10	10.7
Q933733		1.31	0.117	3.13	6.65	228	2330	1.72	0.54	2.12	4.59	33.6	5.6	10	15.75	32.9
Q933734		3.57	<0.005	0.10	7.46	5.0	2390	1.64	0.31	2.61	0.13	46.9	5.9	9	12.50	21.9
Q933735		2.37	<0.005	0.21	7.42	8.5	2440	1.47	0.51	1.95	0.13	44.0	7.7	10	9.86	10.9
Q933736		1.40	<0.005	0.19	7.27	7.1	2410	1.41	0.44	2.11	0.10	42.6	7.7	10	10.05	13.3
Q933737		3.73	<0.005	0.06	7.26	2.9	2260	1.53	0.58	2.92	0.15	41.0	7.0	9	11.80	7.5
Q933738		1.19	0.027	0.77	6.85	14.6	2090	1.62	0.26	2.75	4.61	40.1	5.3	8	9.08	61.6
Q933739		4.36	<0.005	0.27	7.59	29.2	2040	1.16	0.86	0.84	0.50	46.9	6.0	7	14.05	39.1
Q933740		0.26	0.345	4.47	6.52	718	350	1.39	3.48	2.01	11.10	49.8	12.6	23	13.60	322
Q933741		2.21	0.493	3.02	6.30	1010	890	1.48	0.49	2.00	3.51	40.8	8.6	6	16.65	17.0
Q933742		3.88	0.064	0.72	6.38	183.5	1230	1.61	0.43	3.22	0.68	47.6	8.6	6	20.4	18.5
Q933743		2.32	<0.005	0.14	6.81	17.0	710	1.48	0.49	2.49	0.21	46.5	5.8	6	18.45	9.7
Q933744		3.84	0.025	0.23	6.16	64.9	1980	1.32	0.43	2.77	0.84	40.3	6.6	7	16.20	7.9
Q933745		3.06	<0.005	0.16	7.60	28.2	2130	1.16	0.36	1.22	0.31	51.5	6.2	10	20.7	8.9
Q933746		1.32	0.017	0.35	6.80	238	3750	1.29	0.43	1.84	0.24	47.1	6.9	9	11.95	7.0
Q933747		5.10	<0.005	0.19	7.10	48.9	2500	1.34	0.40	1.48	0.16	45.7	6.7	9	18.45	9.7
Q933748		<0.02	<0.005	0.20	7.34	50.1	2560	1.41	0.60	1.58	0.20	42.8	7.1	9	18.85	10.5
Q933749		6.53	<0.005	0.12	6.79	13.7	2230	1.65	0.58	2.73	0.12	43.1	6.7	10	17.95	10.3
Q933750		1.69	<0.005	0.14	6.57	43.0	1800	1.39	0.63	2.06	0.19	42.8	7.1	8	24.9	5.6
Q933751		5.02	0.067	1.48	6.86	174.5	1420	1.48	0.55	1.98	15.85	50.0	9.4	9	17.00	73.4
Q933752		4.71	0.027	0.70	7.52	97.8	2270	1.60	0.61	2.51	2.41	56.3	9.1	11	13.45	23.7
Q933753		5.56	<0.005	0.15	7.48	10.0	2230	1.49	0.57	1.83	0.19	55.1	8.1	10	12.20	14.2
Q933754		7.03	<0.005	0.15	7.13	5.8	2230	1.61	0.65	2.34	0.16	47.3	6.9	11	10.80	26.7
Q933755		8.38	<0.005	0.14	7.44	4.5	2370	1.64	0.54	2.43	0.12	52.1	7.6	10	12.05	6.9
Q933756		4.09	<0.005	0.18	7.12	6.1	2150	1.38	0.44	2.40	0.10	47.0	6.2	10	12.60	16.8
Q933757		3.47	0.154	1.38	6.60	98.4	2190	1.44	0.25	2.14	0.68	48.7	5.5	9	18.60	58.1
Q933758		5.56	<0.005	0.01	0.05	<0.2	30	0.05	0.02	21.2	0.06	1.08	0.6	<1	0.13	1.6
Q933759		8.65	0.005	0.17	6.61	15.6	2190	1.57	0.31	2.51	0.16	48.3	14.5	10	15.20	39.4
Q933760		6.05	<0.005	0.03	6.85	57.8	750	1.61	0.09	4.21	0.11	68.6	11.9	41	37.2	7.9
Q933761		3.00	<0.005	0.18	7.33	13.4	2880	1.76	0.55	2.69	0.18	51.1	7.2	10	14.60	17.0
Q933762		10.61	0.049	0.23	7.09	8.1	2100	1.49	0.27	2.33	0.13	50.3	6.8	12	12.10	61.7
Q933763		4.48	0.005	0.36	7.07	25.3	2120	1.57	0.22	2.40	0.28	46.1	8.3	10	13.90	63.5
Q933764		0.30	0.936	11.10	6.16	1440	990	1.27	11.35	1.72	30.2	41.9	16.4	17	12.40	264
Q933765		2.07	0.092	7.53	7.06	371	1060	1.46	1.01	1.80	41.7	47.0	28.4	9	13.15	37.8
Q933766		5.48	<0.005	0.02	0.06	0.2	20	0.07	0.01	19.00	0.09	1.07	0.6	2	0.15	1.5
Q933767		4.73	<0.005	0.54	6.84	35.9	2300	1.50	0.29	2.47	0.29	43.5	10.9	9	13.05	79.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119117

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933732		3.01	16.85	0.16	1.4	0.043	2.71	17.7	11.8	0.43	768	1.78	1.99	8.4	2.6	610
Q933733		3.16	15.75	0.16	1.3	0.063	3.42	14.6	14.0	0.34	3780	1.89	0.46	7.8	2.2	550
Q933734		2.93	16.80	0.24	1.4	0.043	2.91	23.9	10.6	0.60	627	2.74	2.18	8.5	2.4	580
Q933735		2.84	16.60	0.19	1.4	0.052	3.21	23.3	14.8	0.54	700	1.81	0.91	7.9	2.2	580
Q933736		2.92	16.75	0.23	1.3	0.060	3.24	21.9	15.3	0.54	710	1.56	0.93	8.5	2.3	600
Q933737		2.93	16.10	0.21	1.4	0.034	2.69	20.1	14.2	0.62	740	1.32	2.05	8.0	2.6	580
Q933738		2.78	15.45	0.24	1.4	0.063	3.20	17.9	12.7	0.54	1230	1.34	1.37	8.0	2.0	540
Q933739		2.78	16.55	0.12	1.9	0.050	3.24	23.9	33.7	0.27	1220	1.29	0.19	8.7	2.8	580
Q933740		5.10	15.25	0.10	1.2	0.320	2.99	28.2	25.8	0.79	1860	14.90	0.15	6.2	14.5	530
Q933741		3.01	14.95	0.11	1.5	0.045	2.74	20.5	53.5	0.52	4790	1.89	0.03	7.4	2.6	530
Q933742		2.65	14.90	0.11	1.5	0.049	2.31	24.6	76.7	0.71	4190	1.58	0.02	7.5	2.4	560
Q933743		2.54	16.00	0.13	1.5	0.039	2.25	23.0	137.5	0.80	1380	0.89	0.05	8.2	1.9	630
Q933744		2.91	14.95	0.11	1.4	0.037	2.22	19.8	117.0	0.66	1910	1.12	0.05	7.5	2.5	540
Q933745		2.80	16.10	0.12	1.5	0.040	3.41	27.2	45.8	0.57	1220	1.42	0.20	8.2	2.3	620
Q933746		3.17	14.90	0.12	1.4	0.078	3.73	25.0	19.4	0.62	3080	1.38	0.08	7.3	2.4	550
Q933747		2.97	15.20	0.11	1.5	0.043	3.61	23.9	23.3	0.48	1930	1.49	0.19	7.6	3.2	570
Q933748		3.07	15.85	0.10	1.5	0.044	3.80	21.5	24.0	0.50	2050	1.49	0.20	8.0	2.6	590
Q933749		2.97	15.65	0.11	1.5	0.041	3.00	20.9	13.6	0.59	1030	1.63	1.74	7.9	2.5	570
Q933750		2.83	14.45	0.11	1.3	0.038	3.29	22.2	36.5	0.65	1240	1.68	0.43	7.2	2.5	540
Q933751		3.30	15.30	0.13	1.5	0.142	3.87	27.6	23.3	0.71	2300	1.85	0.05	7.2	2.9	520
Q933752		3.25	16.30	0.13	1.5	0.094	3.16	30.1	17.5	0.78	1170	1.52	1.92	8.3	2.7	630
Q933753		3.17	17.00	0.11	1.7	0.060	3.01	28.4	22.6	0.52	827	1.37	1.23	8.8	2.5	630
Q933754		2.95	15.70	0.10	1.6	0.041	2.97	24.0	20.0	0.69	664	1.29	2.05	8.0	2.3	580
Q933755		3.04	16.45	0.12	1.7	0.036	2.78	27.5	18.4	0.87	708	1.44	2.43	8.3	2.6	610
Q933756		2.89	15.55	0.11	1.5	0.047	3.20	24.0	21.6	0.70	775	1.86	1.76	7.9	2.5	580
Q933757		2.95	14.95	0.12	1.5	0.050	3.79	26.1	44.9	0.76	2400	2.14	0.21	7.4	2.4	520
Q933758		0.46	0.17	0.13	<0.1	0.005	0.02	0.5	0.9	13.10	200	0.08	0.01	0.2	1.5	190
Q933759		2.98	15.55	0.13	1.5	0.052	3.05	24.2	13.0	0.67	838	1.32	1.70	8.1	2.5	570
Q933760		3.70	17.60	0.14	4.3	0.040	2.27	33.6	86.0	1.52	643	0.95	1.08	10.9	17.7	1770
Q933761		3.00	16.15	0.13	1.7	0.038	2.96	26.8	19.7	0.87	680	1.20	2.25	8.3	3.0	610
Q933762		2.81	16.25	0.13	1.8	0.036	2.90	25.4	13.1	0.66	663	1.84	2.06	8.0	3.2	560
Q933763		2.75	17.00	0.13	1.6	0.054	3.32	22.4	15.4	0.66	1640	1.55	1.48	7.9	2.6	590
Q933764		5.96	14.65	0.13	1.0	0.695	2.71	22.2	18.3	0.70	1700	8.24	0.11	5.8	11.5	500
Q933765		4.41	17.25	0.14	1.3	0.094	3.33	25.1	10.6	0.56	7270	3.60	0.07	7.1	3.0	550
Q933766		0.45	0.20	0.16	<0.1	<0.005	0.02	0.5	1.1	12.30	198	0.09	0.01	0.1	1.6	180
Q933767		2.69	15.85	0.16	1.5	0.047	3.54	20.7	12.8	0.64	1560	1.27	1.32	7.7	2.3	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119117

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933732		20.6	96.9	<0.002	0.01	7.23	9.9	1	2.5	330	0.68	<0.05	9.8	0.263	1.25	3.1
Q933733		808	160.0	<0.002	0.48	56.9	9.8	1	2.7	106.5	0.60	<0.05	9.1	0.255	2.66	3.8
Q933734		18.5	113.5	<0.002	0.01	5.42	10.3	1	2.1	359	0.68	<0.05	11.5	0.258	1.41	2.9
Q933735		15.2	143.0	<0.002	0.05	10.55	9.8	1	2.2	136.0	0.65	<0.05	11.9	0.248	1.86	3.8
Q933736		14.5	141.0	<0.002	0.04	11.30	10.2	<1	2.4	139.0	0.66	<0.05	11.2	0.262	1.98	3.4
Q933737		19.2	89.9	<0.002	0.01	2.88	9.5	1	2.0	346	0.64	<0.05	10.3	0.254	1.17	2.6
Q933738		267	129.0	<0.002	0.10	8.48	9.1	1	1.8	220	0.67	<0.05	10.3	0.248	1.73	3.1
Q933739		34.2	154.0	<0.002	0.13	22.2	10.9	1	2.3	82.6	0.78	<0.05	14.5	0.251	1.85	5.2
Q933740		474	164.0	0.003	2.70	28.6	9.7	1	5.7	110.5	0.52	0.30	11.8	0.212	2.53	5.5
Q933741		55.2	128.5	<0.002	1.44	47.9	10.0	1	2.5	141.0	0.63	0.06	11.1	0.231	2.44	4.3
Q933742		53.0	101.5	<0.002	0.97	41.8	10.1	1	2.1	187.0	0.66	<0.05	13.1	0.244	2.24	7.8
Q933743		20.0	83.1	<0.002	0.09	30.6	10.8	1	1.9	169.0	0.68	<0.05	13.1	0.259	1.57	3.5
Q933744		19.3	77.7	<0.002	0.29	25.7	9.4	1	1.9	151.0	0.63	<0.05	11.6	0.231	1.66	4.1
Q933745		22.0	143.5	<0.002	0.17	16.70	11.1	1	2.0	91.6	0.66	<0.05	14.6	0.265	2.05	4.2
Q933746		52.3	189.0	<0.002	0.85	25.2	9.8	1	1.9	91.1	0.62	<0.05	12.8	0.232	2.75	4.1
Q933747		28.6	160.5	<0.002	0.26	20.7	10.0	1	2.0	90.4	0.65	<0.05	12.9	0.245	2.24	4.6
Q933748		29.5	160.5	<0.002	0.27	21.2	10.2	1	2.0	94.3	0.67	<0.05	12.6	0.259	2.36	4.8
Q933749		20.2	109.5	<0.002	0.07	5.83	10.1	1	1.9	299	0.67	<0.05	11.4	0.254	1.56	3.3
Q933750		21.0	135.0	<0.002	0.24	22.8	9.7	1	1.9	123.5	0.60	<0.05	12.5	0.235	2.14	3.6
Q933751		745	191.0	<0.002	0.90	52.6	10.0	1	1.8	76.8	0.62	<0.05	14.0	0.234	2.74	5.1
Q933752		138.5	136.5	<0.002	0.19	15.20	11.6	1	2.0	315	0.67	<0.05	16.2	0.265	1.55	4.1
Q933753		22.1	129.5	<0.002	0.05	11.60	12.0	1	2.0	194.0	0.70	<0.05	15.2	0.278	1.48	3.8
Q933754		20.1	117.0	<0.002	0.03	3.56	10.6	1	1.8	285	0.69	<0.05	13.5	0.254	1.33	3.7
Q933755		19.8	111.0	<0.002	0.01	1.04	11.4	1	1.8	400	0.70	<0.05	14.5	0.256	1.13	4.0
Q933756		20.3	135.5	<0.002	0.06	6.84	10.5	1	1.8	275	0.66	<0.05	14.0	0.247	1.64	3.8
Q933757		47.4	169.0	<0.002	0.89	48.7	9.9	1	2.0	139.0	0.69	<0.05	13.6	0.229	2.75	6.1
Q933758		1.4	1.0	<0.002	<0.01	0.11	0.1	<1	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933759		18.9	129.0	<0.002	0.14	4.90	10.6	1	2.0	276	0.74	<0.05	13.8	0.242	1.57	4.2
Q933760		13.5	66.9	<0.002	0.01	9.69	8.9	1	1.2	1040	0.66	<0.05	6.9	0.445	1.28	2.7
Q933761		22.0	117.5	<0.002	0.06	2.72	10.9	1	1.8	396	0.69	<0.05	14.2	0.266	1.28	5.4
Q933762		20.2	116.5	<0.002	0.02	3.43	10.1	1	2.1	323	0.69	<0.05	14.4	0.233	1.25	4.3
Q933763		34.2	148.5	<0.002	0.12	20.0	10.9	1	2.4	266	0.63	<0.05	13.0	0.248	2.05	4.3
Q933764		1210	153.5	<0.002	4.41	60.6	8.7	1	7.4	89.7	0.49	1.14	10.2	0.197	2.37	4.9
Q933765		2160	185.5	0.002	3.33	224	10.1	1	2.2	51.1	0.62	<0.05	12.1	0.231	3.31	4.8
Q933766		2.4	1.1	<0.002	0.01	0.29	0.2	<1	<0.2	45.7	<0.05	<0.05	0.2	<0.005	<0.02	0.7
Q933767		34.8	146.5	<0.002	0.24	23.8	10.8	<1	1.9	240	0.60	<0.05	12.2	0.244	2.17	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119117

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933732		72	1.9	14.5	66	40.1
Q933733		70	3.7	11.8	773	36.4
Q933734		67	1.5	15.1	78	39.8
Q933735		67	2.6	14.4	54	40.1
Q933736		70	2.9	14.4	55	39.6
Q933737		68	1.5	14.3	59	42.0
Q933738		64	2.0	13.5	406	40.8
Q933739		66	4.7	15.5	88	49.4
Q933740		64	5.6	12.1	872	31.5
Q933741		63	4.3	13.7	315	42.1
Q933742		61	3.8	15.4	124	41.0
Q933743		69	3.1	15.7	61	40.6
Q933744		63	3.3	14.7	103	39.1
Q933745		70	4.4	16.0	73	39.0
Q933746		63	4.0	14.4	85	38.2
Q933747		67	5.1	14.9	62	41.2
Q933748		69	5.2	14.9	68	42.3
Q933749		67	2.8	15.2	52	41.1
Q933750		63	2.1	14.6	59	36.4
Q933751		65	3.4	13.6	1390	41.5
Q933752		71	1.6	17.9	234	42.6
Q933753		73	3.8	18.5	65	48.0
Q933754		68	2.2	16.3	59	44.5
Q933755		70	1.6	18.4	53	46.0
Q933756		68	1.9	15.8	56	43.1
Q933757		63	3.5	14.3	99	41.4
Q933758		1	0.1	0.8	14	1.3
Q933759		67	2.9	16.9	53	43.6
Q933760		90	0.7	12.9	84	173.0
Q933761		70	1.5	17.7	58	52.5
Q933762		66	2.5	17.5	52	54.3
Q933763		69	2.7	16.1	79	43.9
Q933764		58	5.5	10.2	2200	27.2
Q933765		67	4.4	12.1	4550	33.2
Q933766		3	0.1	0.7	20	<0.5
Q933767		69	2.5	14.3	92	41.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119117

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

CERTIFICATE WH14119705

Project: KLAZA

P.O. No.: BATCH 196

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

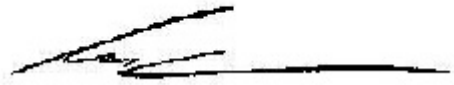
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119705

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
Q933629		8.71	0.147		0.96	6.51	89.5	1170	1.44	1.68	2.83	2.37	49.2	13.0	8	16.50
Q933630		3.92	<0.005		0.09	7.21	9.9	1970	1.60	0.18	2.38	0.11	46.9	9.2	11	9.56
Q933631		10.19	<0.005		0.11	7.44	25.2	1780	1.47	0.14	2.32	0.12	47.2	8.3	15	14.65
Q933632		2.80	0.076		0.43	6.99	76.5	1240	1.44	0.43	1.85	0.23	50.4	8.4	11	19.50
Q933633		11.43	0.052		2.20	7.10	147.0	1150	1.49	0.20	2.63	1.87	44.8	8.5	10	25.8
Q933634		<0.02	0.067		2.11	7.04	177.0	1110	1.47	0.28	2.52	1.65	49.2	8.4	9	26.4
Q933635		6.39	0.210		2.95	6.63	1750	1270	1.45	0.26	1.79	8.68	44.2	9.0	8	16.75
Q933636		0.29	0.938		11.45	6.42	1585	180	1.39	12.90	1.85	33.2	47.8	18.6	16	13.80
Q933637		9.86	0.041		0.59	6.93	247	2080	1.54	0.10	2.12	1.84	46.0	9.4	8	19.25
Q933638		1.67	1.430		25.9	5.13	2390	1510	0.96	7.00	0.65	72.7	33.5	14.7	7	5.07
Q933639		7.65	0.270		7.17	6.65	414	1080	1.58	0.98	2.41	3.70	44.9	7.9	7	17.05
Q933640		1.89	>10.0	12.25	60.3	3.00	3020	130	0.81	79.3	2.42	156.5	16.45	228	6	8.75
Q933641		4.20	0.224		4.03	6.31	273	880	1.42	1.94	2.11	17.95	34.6	8.5	9	15.70
Q933642		7.39	0.006		0.66	7.26	26.7	2220	1.45	0.74	2.14	0.83	43.0	8.8	11	16.70
Q933643		3.39	0.012		0.41	7.22	17.2	1980	1.33	0.58	1.89	0.61	42.6	8.4	10	14.55
Q933644		5.23	0.189		0.88	7.00	14.6	2090	1.55	7.08	2.58	0.15	42.1	8.5	13	19.30
Q933645		3.92	0.101		3.62	7.10	175.5	1380	1.51	1.92	2.49	6.20	49.0	9.4	10	16.50
Q933646		9.57	<0.005		0.18	7.40	38.1	3320	1.79	0.17	3.48	0.41	75.4	14.1	32	30.0
Q933647		2.00	0.126		5.56	5.86	191.5	750	1.50	1.01	6.72	14.40	57.2	8.9	10	24.4
Q933648		5.57	<0.005		0.01	0.06	<0.2	30	<0.05	0.03	20.7	0.07	1.20	0.7	1	0.62
Q933649		6.13	<0.005		0.27	7.01	22.8	1710	1.29	1.15	2.46	0.27	43.4	8.5	11	14.80
Q933650		11.24	0.007		0.89	6.82	49.6	1640	1.26	0.22	2.66	1.76	43.4	8.3	15	16.10
Q933651		4.07	0.074		2.59	7.05	954	1410	1.68	0.40	2.49	38.5	56.7	9.5	11	21.5
Q933652		5.54	<0.005		0.01	0.06	0.8	30	0.05	0.03	19.75	0.09	1.17	0.7	1	0.15
Q933653		9.79	<0.005		0.38	6.82	28.0	1850	1.57	0.80	2.90	0.54	43.8	7.9	14	17.80
Q933654		4.06	0.008		0.32	6.64	57.4	1960	1.55	0.25	3.05	1.01	44.2	8.8	11	21.1
Q933655		4.14	<0.005		0.12	7.07	6.8	2200	1.55	1.25	2.93	0.08	47.2	8.0	14	12.70
Q933656		0.30	0.332		4.42	6.54	664	240	1.42	3.19	2.00	10.60	47.9	11.9	23	13.25
Q933657		10.39	<0.005		0.11	7.03	13.0	1580	1.40	0.57	2.78	0.11	43.8	8.0	13	20.5
Q933658		5.21	0.041		2.31	6.57	324	1300	1.59	0.40	3.27	3.52	45.8	8.9	9	15.90
Q933659		7.41	<0.005		0.14	7.44	9.6	1700	1.40	0.29	1.99	0.17	48.7	8.5	13	14.40
Q933660		8.63	<0.005		0.13	7.53	10.3	1560	1.29	0.49	1.86	0.10	47.0	9.0	13	15.25
Q933661		11.59	<0.005		0.16	6.95	5.9	1990	1.40	0.47	2.90	0.09	58.7	9.0	12	18.70
Q933662		7.19	<0.005		0.06	6.88	3.4	5450	1.38	0.21	3.22	0.06	41.6	10.7	9	10.80
Q933663		5.45	<0.005		0.08	7.29	4.6	2710	1.65	0.20	2.68	0.07	44.6	9.1	10	12.35
Q933664		12.57	<0.005		0.13	6.99	10.7	1680	1.71	0.41	2.84	0.09	42.7	9.0	12	25.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119705

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q933629		10.0	4.00	15.50	0.08	1.0	0.111	2.94	25.7	22.2	0.85	1650	23.0	0.30	7.2	2.5
Q933630		10.1	3.51	17.15	0.10	1.2	0.040	2.67	23.3	19.4	0.88	659	17.65	1.74	8.1	2.7
Q933631		11.0	3.40	16.55	0.11	1.2	0.050	2.92	23.8	19.7	0.82	1120	2.74	0.74	7.9	2.5
Q933632		5.6	4.38	16.10	0.12	1.1	0.135	3.23	27.8	18.7	0.81	2120	1.80	0.06	7.1	2.4
Q933633		49.7	3.18	16.75	0.10	1.2	0.066	2.44	22.0	76.6	0.89	1760	1.22	0.05	8.2	2.3
Q933634		58.5	3.08	16.45	0.12	1.2	0.060	2.36	25.6	73.2	0.87	1710	1.35	0.05	7.8	2.4
Q933635		64.5	3.56	16.35	0.10	1.1	0.125	2.76	22.4	52.2	0.64	5710	1.08	0.04	7.8	2.7
Q933636		291	6.53	16.10	0.10	1.1	0.862	3.01	25.0	20.3	0.75	1780	9.37	0.13	6.7	12.4
Q933637		8.9	3.68	16.80	0.11	1.1	0.083	3.13	23.0	29.0	0.77	2650	1.06	0.09	8.2	3.1
Q933638		128.0	8.53	12.90	0.07	0.8	0.575	2.61	15.9	10.4	0.41	6290	1.70	0.02	5.3	2.6
Q933639		88.0	3.88	16.25	0.06	1.2	0.128	2.46	23.0	47.3	0.84	4900	1.25	0.02	7.5	2.2
Q933640		73.5	9.29	9.18	<0.05	0.5	2.28	1.37	9.1	26.0	0.42	6820	19.50	0.02	2.8	4.8
Q933641		95.9	3.85	17.10	0.09	1.2	0.159	3.22	15.3	10.3	0.52	1960	1.22	0.03	7.4	2.5
Q933642		57.1	3.13	17.15	0.13	1.2	0.055	3.66	21.3	24.9	0.78	1420	1.20	0.31	7.9	2.5
Q933643		50.8	3.01	16.90	0.12	1.3	0.050	3.21	21.1	27.2	0.76	1090	1.10	0.29	8.1	2.5
Q933644		216	3.35	16.75	0.14	1.3	0.078	3.25	20.9	72.0	0.89	1060	1.41	0.58	8.0	2.4
Q933645		169.5	3.45	16.70	0.14	1.1	0.147	3.62	25.2	39.2	0.80	2780	1.43	0.12	7.7	2.6
Q933646		20.7	3.55	19.60	0.16	4.2	0.041	1.97	37.9	214	1.45	933	1.10	0.04	11.8	14.6
Q933647		33.8	3.60	12.20	0.08	1.7	0.082	1.76	29.9	25.6	2.27	1960	1.88	0.06	7.9	5.4
Q933648		1.8	0.47	0.27	0.24	<0.1	0.008	0.04	0.6	1.0	13.00	208	0.08	<0.01	0.2	2.1
Q933649		30.6	3.31	15.40	0.18	1.0	0.040	3.02	20.1	36.9	0.77	1100	1.08	0.45	7.5	2.9
Q933650		26.0	3.48	14.80	0.16	1.0	0.068	3.10	20.3	17.4	0.82	2380	1.17	0.78	7.4	3.0
Q933651		43.3	4.53	17.30	0.17	1.1	0.120	3.21	29.7	41.1	1.01	5460	1.33	0.14	8.9	2.7
Q933652		3.3	0.47	0.23	0.14	<0.1	0.009	0.02	0.6	1.2	12.85	218	0.30	0.01	0.2	1.5
Q933653		21.3	3.16	16.35	0.16	1.0	0.045	3.05	21.1	17.8	0.83	1760	1.29	1.26	7.5	2.9
Q933654		19.7	3.35	15.80	0.16	0.9	0.065	2.86	22.2	29.1	0.93	2050	1.39	0.98	7.0	2.9
Q933655		22.2	3.03	16.50	0.17	0.9	0.042	2.60	24.0	10.4	0.83	764	1.30	2.04	7.6	3.3
Q933656		309	4.90	15.25	0.16	1.0	0.308	2.90	27.2	26.2	0.78	1820	14.60	0.15	5.8	14.5
Q933657		22.0	3.01	17.50	0.16	1.1	0.041	2.62	21.4	73.1	0.85	943	1.60	0.35	7.8	2.6
Q933658		38.4	3.49	15.50	0.16	1.0	0.066	3.20	24.6	14.5	1.01	4830	1.12	0.03	6.9	2.8
Q933659		28.8	3.08	16.90	0.15	1.1	0.046	2.78	24.9	50.7	0.81	1050	1.58	0.11	7.8	2.9
Q933660		48.1	3.01	17.40	0.14	1.1	0.047	2.62	22.6	64.9	0.78	703	1.34	0.15	8.4	2.9
Q933661		73.5	3.25	15.45	0.15	1.0	0.043	2.51	32.1	28.1	1.00	713	1.43	0.90	7.7	2.7
Q933662		6.5	3.49	17.00	0.15	1.0	0.036	1.95	20.4	16.4	1.18	993	0.60	2.52	6.8	3.0
Q933663		20.0	3.35	17.55	0.17	1.0	0.044	2.22	22.0	29.3	0.97	800	0.79	2.28	7.2	3.0
Q933664		40.9	2.96	17.30	0.16	1.1	0.046	2.66	20.4	141.5	0.87	894	1.04	0.47	8.0	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119705

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q933629		630	145.0	148.5	<0.002	1.25	12.15	11.6	<1	4.0	141.5	0.57	0.05	11.8	0.262	2.24
Q933630		630	19.1	100.5	<0.002	0.02	2.13	11.8	1	1.9	359	0.63	<0.05	12.2	0.285	1.10
Q933631		650	21.2	129.0	<0.002	0.11	9.10	12.3	1	1.9	252	0.65	<0.05	12.9	0.286	1.60
Q933632		570	70.1	175.0	<0.002	1.67	29.2	11.4	<1	2.3	97.5	0.57	<0.05	13.0	0.250	2.06
Q933633		670	63.9	92.5	<0.002	0.51	26.2	11.8	<1	2.1	188.0	0.64	<0.05	12.1	0.288	1.92
Q933634		650	66.4	107.5	<0.002	0.49	27.9	11.8	<1	1.9	182.5	0.63	<0.05	13.7	0.274	1.85
Q933635		600	194.5	152.0	<0.002	1.57	46.3	11.8	1	2.6	131.0	0.62	<0.05	12.2	0.259	2.27
Q933636		530	1290	169.0	<0.002	4.65	66.2	9.9	2	8.6	99.5	0.55	1.10	11.6	0.217	2.60
Q933637		660	138.0	137.0	<0.002	0.97	15.35	12.2	1	2.0	186.0	0.68	<0.05	13.2	0.283	1.90
Q933638		410	5000	179.5	<0.002	7.05	65.7	8.3	<1	9.8	35.9	0.42	0.15	8.2	0.185	1.99
Q933639		590	287	121.5	<0.002	1.50	31.0	11.2	<1	2.8	151.5	0.62	<0.05	12.9	0.253	2.32
Q933640		170	4330	89.5	0.010	8.23	85.7	4.9	2	6.7	107.5	0.21	5.76	4.7	0.092	1.29
Q933641		580	535	165.0	<0.002	2.84	30.6	10.5	1	6.9	118.0	0.58	<0.05	9.6	0.255	2.80
Q933642		650	45.1	159.5	<0.002	0.20	13.95	11.8	1	1.9	176.0	0.61	<0.05	10.9	0.285	2.28
Q933643		640	49.6	131.0	<0.002	0.14	10.55	11.6	1	1.8	168.5	0.61	<0.05	11.0	0.287	1.86
Q933644		640	24.8	136.5	<0.002	0.10	13.95	11.5	1	1.8	266	0.61	<0.05	11.0	0.283	1.88
Q933645		630	361	161.5	<0.002	1.33	31.7	11.5	1	2.7	177.0	0.58	0.08	12.5	0.269	2.45
Q933646		1780	17.1	69.1	<0.002	0.10	23.6	9.0	<1	1.3	640	0.75	<0.05	7.8	0.437	1.94
Q933647		630	742	97.4	<0.002	0.92	14.85	6.3	<1	1.7	310	0.56	<0.05	9.1	0.202	1.83
Q933648		160	3.3	3.0	<0.002	0.01	<0.05	0.1	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.03
Q933649		640	32.9	117.0	<0.002	0.20	8.07	11.2	1	1.8	191.0	0.62	<0.05	11.4	0.285	1.85
Q933650		630	80.4	129.0	<0.002	0.23	8.92	11.2	1	1.9	224	0.59	<0.05	11.2	0.275	2.15
Q933651		770	497	181.5	<0.002	0.92	17.55	14.8	1	3.6	137.0	0.67	<0.05	13.5	0.324	2.46
Q933652		180	1.8	1.0	<0.002	0.01	0.08	0.2	<1	<0.2	48.7	<0.05	<0.05	<0.2	<0.005	<0.02
Q933653		640	37.6	113.5	<0.002	0.11	6.86	11.0	1	1.7	294	0.62	<0.05	11.1	0.281	1.85
Q933654		580	62.1	118.0	<0.002	0.27	9.86	10.6	1	1.6	258	0.56	<0.05	11.1	0.254	1.80
Q933655		630	16.0	98.8	<0.002	0.05	2.50	11.4	1	1.6	389	0.61	<0.05	11.6	0.281	1.08
Q933656		510	459	158.5	0.004	2.60	26.6	9.2	1	5.5	106.0	0.49	0.29	10.5	0.199	2.48
Q933657		640	15.0	86.8	<0.002	0.10	8.82	11.3	1	1.8	207	0.64	<0.05	11.0	0.273	1.40
Q933658		580	182.5	178.0	<0.002	1.41	17.35	10.5	1	2.2	106.5	0.56	<0.05	12.0	0.253	2.87
Q933659		670	21.7	100.5	<0.002	0.13	11.95	11.8	1	1.8	150.0	0.63	<0.05	14.5	0.289	1.38
Q933660		690	16.3	89.3	<0.002	0.12	17.40	13.1	1	2.0	169.5	0.70	<0.05	13.4	0.306	1.14
Q933661		670	16.7	94.5	<0.002	0.13	6.31	11.7	1	2.1	322	0.62	<0.05	16.5	0.286	0.95
Q933662		660	5.1	87.3	<0.002	0.19	4.11	11.1	1	1.9	294	0.53	<0.05	9.6	0.265	1.01
Q933663		650	7.5	92.8	<0.002	0.08	4.08	11.9	1	1.8	267	0.58	<0.05	10.1	0.287	1.05
Q933664		700	12.0	90.8	<0.002	0.13	16.35	12.3	1	2.2	227	0.65	<0.05	10.2	0.299	1.39

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119705

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62
	Analyte	U	V	W	Y	Zn	Zr	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
Q933629		5.0	78	19.6	15.1	291	27.6	
Q933630		2.7	81	39.5	15.0	61	31.8	
Q933631		3.5	84	5.6	14.6	66	31.2	
Q933632		7.0	71	8.2	13.1	61	27.7	
Q933633		4.2	82	5.0	14.7	271	30.0	
Q933634		4.5	79	4.8	15.9	219	30.0	
Q933635		4.9	74	10.4	14.2	746	29.3	
Q933636		5.3	62	6.7	11.7	2390	30.3	
Q933637		4.2	81	4.5	14.9	176	29.0	
Q933638		2.5	53	5.2	8.3	5060	20.5	
Q933639		5.3	71	4.9	13.6	322	29.3	
Q933640		64.6	42	5.4	7.5	>10000	14.1	1.645
Q933641		3.6	74	6.9	9.5	1720	32.2	
Q933642		4.1	81	3.5	14.2	117	32.6	
Q933643		4.3	80	4.0	13.7	98	32.4	
Q933644		4.1	78	2.4	14.3	69	34.7	
Q933645		3.7	77	4.2	13.8	613	30.0	
Q933646		3.9	92	3.5	14.1	107	180.0	
Q933647		7.2	57	4.2	12.9	1040	60.3	
Q933648		0.7	2	0.1	0.8	16	0.6	
Q933649		3.4	80	1.8	15.1	72	27.9	
Q933650		3.9	80	2.6	15.4	185	27.3	
Q933651		4.5	105	3.8	18.3	2690	28.0	
Q933652		0.6	2	0.1	0.7	20	<0.5	
Q933653		4.1	80	2.1	15.0	93	30.4	
Q933654		4.4	75	1.7	14.7	129	29.1	
Q933655		3.9	79	0.6	16.3	54	24.5	
Q933656		4.9	64	5.3	11.0	872	30.7	
Q933657		3.1	81	3.1	15.7	55	32.2	
Q933658		4.4	73	2.9	15.9	376	27.8	
Q933659		2.8	83	2.9	14.1	69	30.2	
Q933660		3.3	87	3.3	15.8	54	30.5	
Q933661		4.1	82	2.6	16.5	56	29.8	
Q933662		2.3	88	3.1	9.2	65	29.0	
Q933663		2.6	86	2.3	10.6	49	28.7	
Q933664		2.8	92	2.5	13.5	57	31.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119705

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	Au-GRA22	ME-MS61	ME-OG62
PUL-31	PUL-31d	PUL-QC	Zn-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

CERTIFICATE WH14119706

Project: KLAZA

P.O. No.: BATCH 198

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119706

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935150		5.92	<0.005	0.23	7.29	23.0	1750	1.53	0.28	2.68	0.35	44.5	6.5	10	14.05	8.0
Q935151		1.17	0.071	3.79	4.73	109.5	580	1.06	0.18	2.55	27.8	32.0	4.5	5	9.71	9.3
Q935152		0.30	0.379	4.39	6.72	716	870	1.34	3.43	2.04	10.65	48.6	11.7	25	12.40	326
Q935153		7.93	0.025	1.33	6.59	87.9	1350	1.43	0.34	3.05	3.21	42.7	10.3	8	16.55	5.6
Q935154		11.73	<0.005	0.16	7.35	16.4	1850	1.53	0.24	2.52	0.18	44.6	9.0	8	22.2	9.1
Q935155		<0.02	<0.005	0.16	7.61	16.5	1920	1.66	0.26	2.59	0.16	46.1	8.6	8	23.4	9.1
Q935156		3.93	0.006	0.49	7.93	71.8	1570	1.72	0.61	1.90	1.25	57.8	6.9	7	26.4	4.4
Q935157		1.33	0.014	1.18	7.34	79.8	2650	2.38	1.00	2.00	2.17	54.0	8.0	12	30.2	12.6
Q935158		8.52	0.183	19.65	7.12	813	860	1.66	0.24	2.81	11.50	52.6	7.8	5	20.7	45.1
Q935159		5.21	<0.005	0.07	0.07	2.6	30	0.07	0.02	21.4	0.11	1.39	0.6	<1	0.29	1.5
Q935160		4.15	0.319	7.51	6.92	194.5	680	2.10	3.41	1.26	17.35	50.7	9.9	10	33.8	79.9
Q935161		5.41	<0.005	0.46	7.18	24.8	1470	1.99	0.79	2.80	0.45	56.1	5.5	24	37.7	20.9
Q935162		8.06	0.041	0.76	6.22	29.5	1120	3.92	0.53	2.86	3.29	32.3	6.5	7	31.2	10.3
Q935163		4.34	<0.005	0.17	7.70	15.8	2230	2.34	0.10	2.19	0.19	49.2	9.5	6	34.9	11.4
Q935164		9.36	0.005	0.20	5.99	36.7	1080	2.14	0.08	2.66	0.31	30.9	8.0	7	30.9	16.6
Q935165		8.90	<0.005	0.13	8.02	13.2	1850	1.28	0.12	1.33	0.21	45.6	9.0	9	33.8	16.2
Q935166		8.62	<0.005	0.18	7.85	34.3	2220	1.91	0.06	1.76	0.37	46.0	9.2	7	29.8	17.1
Q935167		9.51	<0.005	0.13	8.01	21.0	2590	1.36	0.16	1.17	0.22	49.0	7.6	6	25.4	11.2
Q935168		8.64	<0.005	0.13	7.00	19.3	2000	1.41	0.12	1.97	0.15	42.8	7.1	7	24.5	7.2
Q935169		5.54	<0.005	0.01	0.09	0.2	40	0.06	0.03	21.9	0.07	1.30	0.6	<1	0.46	0.9
Q935170		8.44	<0.005	0.15	6.84	25.3	1690	1.41	0.09	2.33	0.10	39.9	7.5	7	22.9	8.2
Q935171		4.03	<0.005	0.25	6.77	47.3	2320	1.50	0.13	2.73	0.18	47.1	7.0	7	23.9	9.8
Q935172		7.54	<0.005	0.14	7.26	19.8	1680	1.47	0.10	2.40	0.12	42.9	6.7	7	21.8	11.3
Q935173		3.60	<0.005	0.12	7.20	18.9	1960	1.45	0.08	2.44	0.12	44.9	6.8	7	22.9	12.7
Q935174		3.50	<0.005	0.15	7.05	37.7	2610	1.58	0.08	4.04	0.19	51.4	7.0	7	25.0	9.6
Q935175		7.06	<0.005	0.19	7.41	19.4	1750	1.82	0.08	2.08	0.19	46.2	7.3	7	31.8	8.9
Q935176		3.21	0.113	0.67	7.15	160.0	1280	2.98	0.49	2.01	1.88	28.4	5.0	3	35.5	4.2
Q935177		7.48	<0.005	0.17	7.47	16.6	1330	1.50	0.10	2.62	0.20	45.5	6.9	7	26.2	7.4
Q935178		0.30	0.983	11.80	6.63	1600	1190	1.37	12.65	1.89	32.6	48.7	17.6	17	14.05	287
Q935179		4.30	0.225	28.9	5.92	76.1	2290	1.30	0.43	3.37	1.66	40.3	8.7	5	20.9	19.4
Q935180		4.08	<0.005	0.54	6.92	32.1	1740	1.31	0.15	2.61	0.43	47.1	7.9	5	21.1	6.1
Q935181		7.62	<0.005	0.12	7.07	10.8	1540	1.37	0.05	2.83	0.16	39.6	6.9	8	26.0	4.7
Q935182		2.23	0.146	91.9	7.00	45.4	2160	1.40	0.15	1.87	2.46	89.0	6.5	6	26.7	137.5
Q935183		2.54	0.085	1.61	6.67	386	2270	1.34	0.10	3.32	1.86	52.6	7.1	5	18.60	7.8
Q935184		2.09	<0.005	0.18	7.59	7.6	2090	1.23	0.41	2.02	0.16	51.4	7.8	8	15.00	11.5
Q935185		3.54	0.247	5.01	8.01	630	1900	1.27	0.11	1.57	3.35	63.2	7.0	8	20.0	13.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119706

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935150		2.98	16.40	0.11	1.3	0.053	2.75	22.2	28.7	0.77	1390	1.32	1.42	7.4	3.0	620
Q935151		3.46	10.65	0.09	0.9	0.056	2.11	17.5	25.6	0.80	7200	2.95	0.02	4.6	2.1	370
Q935152		5.03	15.35	0.10	1.1	0.300	2.93	27.9	24.9	0.78	1940	14.60	0.15	5.7	14.6	520
Q935153		2.88	15.05	0.11	1.4	0.040	3.08	22.3	15.4	0.97	3190	1.81	0.12	7.0	2.8	570
Q935154		3.02	16.45	0.18	1.4	0.050	3.06	21.4	27.6	0.79	1700	1.51	0.97	8.1	2.4	640
Q935155		3.18	17.40	0.15	1.4	0.051	3.20	21.9	28.3	0.82	1730	1.52	0.99	8.6	1.7	660
Q935156		3.36	16.75	0.18	1.4	0.063	3.44	31.5	77.6	0.78	2470	1.51	0.08	8.3	1.9	650
Q935157		2.59	18.20	0.16	2.6	0.069	2.58	28.4	60.5	0.76	3800	1.76	0.09	10.7	7.7	650
Q935158		3.44	14.95	0.15	1.5	0.084	2.89	28.2	38.4	0.90	6990	4.66	0.03	7.6	2.0	570
Q935159		0.48	0.28	0.13	<0.1	0.007	0.03	0.7	1.2	13.35	231	0.07	0.01	0.2	0.5	180
Q935160		3.17	16.05	0.18	2.0	0.291	2.65	27.6	33.1	0.67	2980	13.40	0.05	7.6	8.8	550
Q935161		2.25	18.50	0.17	4.0	0.031	2.50	28.6	102.0	1.06	1410	1.92	0.06	9.1	16.1	670
Q935162		2.62	16.95	0.15	2.2	0.064	2.99	14.6	74.2	0.18	1170	1.90	0.60	14.6	1.9	490
Q935163		3.31	16.90	0.17	1.6	0.043	3.21	22.8	82.1	0.21	1070	0.76	1.65	9.1	2.4	620
Q935164		3.00	16.20	0.15	1.3	0.056	3.33	13.9	58.9	0.18	1260	0.63	0.09	8.6	2.3	550
Q935165		3.17	17.65	0.15	1.3	0.044	2.74	22.6	52.1	0.17	984	0.56	0.08	8.9	2.2	700
Q935166		3.65	17.45	0.13	1.4	0.055	3.13	22.3	44.0	0.26	979	0.57	0.41	9.4	2.5	680
Q935167		3.28	17.10	0.12	1.4	0.051	3.10	25.0	42.9	0.21	1140	1.92	0.08	9.0	2.1	630
Q935168		2.84	16.35	0.13	1.3	0.039	2.81	20.7	55.4	0.40	730	1.77	0.33	8.4	2.1	640
Q935169		0.48	0.24	0.13	<0.1	0.006	0.04	0.6	1.3	13.55	214	0.06	<0.01	0.2	0.5	190
Q935170		2.76	15.90	0.15	1.3	0.050	2.90	18.8	64.0	0.51	783	3.38	0.07	8.2	2.1	620
Q935171		2.69	15.10	0.16	1.3	0.043	2.74	23.9	34.0	0.71	1060	1.24	0.04	7.6	1.8	570
Q935172		2.87	16.55	0.16	1.4	0.041	2.95	20.8	46.8	0.62	767	1.38	0.43	9.1	2.1	610
Q935173		2.75	16.45	0.16	1.3	0.037	2.92	22.0	49.2	0.58	720	1.06	0.43	8.9	1.9	620
Q935174		3.27	15.60	0.16	1.3	0.036	2.88	27.5	46.4	1.00	1100	1.15	0.25	7.6	2.1	560
Q935175		2.78	16.40	0.14	1.5	0.040	2.73	22.6	57.1	0.34	785	3.38	0.99	8.2	1.9	620
Q935176		2.38	18.45	0.13	2.4	0.074	2.30	13.5	267	0.60	1930	1.38	0.03	15.8	1.0	320
Q935177		2.73	16.35	0.14	1.2	0.040	2.60	22.9	154.0	0.87	1110	1.84	0.05	8.3	1.9	620
Q935178		6.59	15.15	0.14	1.2	0.824	2.88	25.4	19.4	0.79	1900	9.06	0.13	6.5	11.3	540
Q935179		3.23	13.15	0.14	1.1	0.051	2.27	21.7	50.0	1.06	2920	1.63	0.03	6.2	1.3	430
Q935180		3.04	14.70	0.14	1.0	0.040	2.34	25.2	68.6	0.91	2310	1.87	0.03	7.4	1.7	530
Q935181		2.65	16.85	0.15	1.1	0.041	2.63	18.9	85.7	0.68	919	1.90	0.74	8.5	2.5	600
Q935182		2.99	16.25	0.09	1.1	0.058	3.61	48.9	56.8	0.57	7870	1.47	0.09	8.6	2.8	620
Q935183		3.01	14.80	0.13	0.9	0.048	2.50	29.6	119.5	1.12	2380	1.26	0.19	6.9	2.6	520
Q935184		3.00	17.80	0.14	1.0	0.053	2.86	25.8	35.3	0.49	793	0.61	0.54	8.8	2.7	620
Q935185		3.13	18.30	0.16	1.0	0.077	3.59	34.2	33.5	0.51	1720	0.66	0.10	8.3	2.6	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119706

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935150		30.0	105.0	<0.002	0.19	9.81	10.4	1	1.6	325	0.68	<0.05	11.3	0.261	1.63	4.3
Q935151		533	133.0	<0.002	1.68	29.1	8.1	<1	2.1	63.7	0.39	<0.05	8.2	0.176	2.34	20.7
Q935152		482	157.0	0.002	2.67	28.7	9.0	1	5.6	111.5	0.52	0.33	11.1	0.210	2.46	5.4
Q935153		134.5	160.0	<0.002	0.86	13.20	10.0	1	1.6	118.5	0.71	<0.05	10.8	0.234	2.93	10.6
Q935154		16.9	126.5	<0.002	0.11	11.90	11.2	1	1.8	207	0.67	<0.05	11.6	0.282	1.94	4.6
Q935155		16.2	133.0	<0.002	0.10	12.25	11.7	1	1.8	217	0.69	<0.05	11.6	0.287	2.11	4.5
Q935156		65.6	201	<0.002	0.53	16.50	12.3	1	1.8	190.0	0.69	<0.05	14.3	0.277	2.74	8.3
Q935157		90.3	132.0	<0.002	0.39	10.25	7.5	1	4.2	374	0.89	<0.05	13.4	0.234	2.66	8.2
Q935158		632	179.0	<0.002	1.38	54.4	11.0	1	1.9	163.0	0.71	<0.05	14.1	0.239	2.71	9.5
Q935159		3.7	2.0	<0.002	<0.01	0.32	0.2	<1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	0.03	1.0
Q935160		602	155.5	<0.002	1.27	51.7	9.2	<1	5.0	313	0.60	0.07	12.3	0.242	2.43	15.0
Q935161		28.1	115.5	<0.002	0.11	14.85	6.0	1	1.9	598	0.72	<0.05	11.0	0.258	1.85	10.1
Q935162		88.5	136.5	<0.002	0.04	8.75	7.9	1	2.1	210	0.98	0.15	10.1	0.237	1.66	6.7
Q935163		23.0	151.5	<0.002	0.01	6.02	11.3	1	2.0	272	0.79	<0.05	15.0	0.266	1.59	4.1
Q935164		20.4	141.0	<0.002	0.01	15.15	8.2	1	2.0	87.3	0.74	<0.05	9.0	0.249	2.14	3.2
Q935165		16.3	128.0	<0.002	0.01	24.6	11.8	1	2.2	77.7	0.72	<0.05	13.4	0.285	1.40	3.4
Q935166		21.0	135.0	<0.002	0.01	10.20	12.2	<1	2.5	112.5	0.74	<0.05	12.5	0.292	1.68	4.4
Q935167		15.5	145.5	<0.002	0.04	29.2	11.5	1	1.8	86.9	0.87	<0.05	15.6	0.269	1.59	3.8
Q935168		16.5	110.5	<0.002	0.03	16.55	10.5	1	1.7	135.5	0.71	<0.05	11.7	0.266	1.47	2.3
Q935169		1.5	2.0	<0.002	<0.01	0.10	0.2	<1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q935170		15.2	108.0	<0.002	0.08	13.70	9.9	1	1.5	122.0	0.69	<0.05	10.8	0.255	1.73	2.8
Q935171		16.9	125.0	<0.002	0.13	19.05	9.8	<1	1.7	104.5	0.66	<0.05	12.4	0.236	2.03	4.1
Q935172		15.5	116.0	<0.002	0.06	10.70	10.5	1	1.8	142.5	0.81	<0.05	12.2	0.266	1.63	3.6
Q935173		15.5	118.5	<0.002	0.07	10.35	10.4	1	2.0	149.0	0.77	<0.05	12.4	0.262	1.62	3.9
Q935174		16.2	135.0	<0.002	0.08	12.95	10.1	1	1.6	157.0	0.67	<0.05	13.9	0.240	1.87	3.7
Q935175		17.0	126.0	<0.002	0.02	7.44	10.3	1	1.7	211	0.73	<0.05	13.6	0.255	1.60	2.8
Q935176		71.3	110.5	<0.002	0.78	22.3	6.7	1	3.0	135.0	1.69	<0.05	16.6	0.148	2.15	7.1
Q935177		18.6	102.5	0.002	0.18	12.10	10.5	1	1.7	169.5	0.64	<0.05	12.9	0.261	1.77	4.6
Q935178		1300	167.0	0.002	4.73	65.8	9.6	2	8.2	96.4	0.54	1.14	12.1	0.219	2.59	5.4
Q935179		202	132.5	<0.002	0.48	33.3	8.4	1	1.3	101.0	0.51	<0.05	11.3	0.189	1.81	5.2
Q935180		47.4	125.5	<0.002	0.22	17.95	9.6	1	1.6	104.5	0.64	<0.05	14.0	0.228	1.81	7.9
Q935181		22.2	97.1	<0.002	0.07	6.25	9.5	<1	1.7	214	0.64	<0.05	11.7	0.252	1.47	3.5
Q935182		8360	141.5	<0.002	0.71	106.5	10.3	<1	1.9	214	0.57	<0.05	22.5	0.271	2.47	4.4
Q935183		72.4	146.5	<0.002	0.44	22.4	9.5	1	1.6	144.5	0.59	<0.05	14.0	0.220	2.18	8.1
Q935184		23.0	110.5	<0.002	0.02	14.60	10.7	1	2.1	161.0	0.67	<0.05	12.9	0.262	1.32	3.1
Q935185		115.0	173.5	<0.002	0.85	35.1	10.9	1	1.9	91.5	0.65	<0.05	14.8	0.264	2.30	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119706

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935150		77	2.3	15.3	77	33.3
Q935151		54	7.1	11.9	1940	24.9
Q935152		66	5.6	11.2	896	30.5
Q935153		71	3.7	14.3	245	37.3
Q935154		79	3.9	15.5	61	36.8
Q935155		83	4.0	16.1	60	37.6
Q935156		79	2.5	17.4	144	36.2
Q935157		53	3.8	15.5	218	69.1
Q935158		67	6.1	16.1	945	39.9
Q935159		2	0.1	0.9	19	0.6
Q935160		68	5.2	11.5	1210	62.1
Q935161		51	2.1	12.6	80	141.5
Q935162		62	5.3	13.9	238	50.5
Q935163		76	1.9	17.4	69	40.5
Q935164		73	6.4	10.9	76	31.7
Q935165		79	3.8	16.2	67	32.9
Q935166		83	3.3	16.9	78	35.1
Q935167		76	4.1	17.8	68	33.3
Q935168		73	2.9	14.3	61	32.8
Q935169		3	0.1	0.8	16	0.5
Q935170		73	3.5	13.8	56	31.6
Q935171		67	4.5	15.9	64	30.6
Q935172		73	3.6	15.8	59	32.2
Q935173		72	3.4	15.1	57	32.4
Q935174		67	3.9	18.2	73	31.6
Q935175		71	3.4	15.8	69	34.3
Q935176		37	10.0	15.4	154	46.0
Q935177		70	4.4	15.7	67	24.6
Q935178		63	6.4	12.1	2460	30.4
Q935179		53	3.8	16.0	156	19.1
Q935180		62	5.8	15.9	81	21.3
Q935181		69	4.5	14.9	57	25.3
Q935182		72	8.9	14.9	133	25.3
Q935183		62	5.1	17.3	175	21.3
Q935184		76	2.1	17.2	57	24.6
Q935185		76	3.6	15.8	261	23.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119706

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

CERTIFICATE WH14119707

Project: KLAZA

P.O. No.: BATCH 199

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

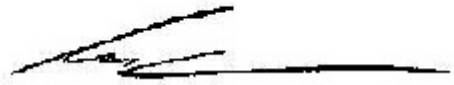
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119707

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935639		1.56	0.020	0.55	7.49	23.4	1120	1.39	1.90	1.30	1.15	58.0	10.3	6	15.70	20.8
Q935640		4.79	0.062	0.67	7.02	34.4	1140	1.49	2.65	2.02	1.13	52.4	5.9	6	12.95	27.3
Q935641		3.07	0.071	1.12	6.92	55.1	160	1.52	4.46	2.09	0.84	45.3	13.8	6	12.45	21.0
Q935642		5.89	0.009	0.24	7.12	10.4	1770	1.62	0.63	2.55	0.47	50.1	5.9	9	13.80	6.4
Q935643		3.77	0.009	0.22	7.03	9.9	1800	1.61	0.64	2.64	0.45	51.3	5.5	7	12.35	9.0
Q935644		4.01	0.035	1.02	6.99	13.7	1090	1.63	2.23	2.66	1.12	53.6	5.2	8	16.45	6.3
Q935645		3.66	0.066	1.39	6.15	69.7	170	1.08	4.95	1.25	0.51	32.2	8.0	7	6.29	23.5
Q935646		3.64	0.342	2.45	5.79	329	100	1.08	6.99	0.89	1.70	44.1	16.9	9	6.53	23.4
Q935647		4.13	0.105	1.00	7.35	50.7	930	1.58	3.55	2.96	1.19	58.0	8.7	13	18.85	51.7
Q935648		3.71	0.541	3.10	5.99	269	60	0.99	10.20	1.77	4.46	47.3	15.0	9	7.68	71.2
Q935649		5.54	<0.005	0.01	0.06	0.5	20	<0.05	0.06	20.4	0.06	1.05	0.7	1	0.17	5.5
Q935650		4.75	0.246	1.75	6.99	105.0	220	1.52	5.15	3.31	2.49	59.9	9.8	11	20.0	45.6
Q934601		3.01	0.059	0.75	6.78	37.7	760	1.25	4.81	6.42	1.26	55.1	18.4	9	14.55	27.9
Q934602		8.21	0.057	0.36	7.67	15.8	880	1.63	3.10	3.99	0.47	52.2	15.6	13	10.45	16.7
Q934603		3.50	0.185	0.48	7.16	44.3	620	1.30	2.80	3.24	0.58	57.3	9.6	25	11.45	13.4
Q934604		1.36	0.017	0.10	7.13	14.4	680	1.29	2.00	2.74	0.12	63.3	33.7	14	9.56	5.9
Q934605		5.49	0.010	0.14	7.89	13.1	1280	1.52	2.64	3.99	0.19	67.8	14.6	15	10.40	10.7
Q934606		6.91	0.080	0.24	7.76	23.6	1510	1.50	1.88	4.23	0.36	48.8	11.8	14	13.00	25.3
Q934607		0.30	0.367	4.39	6.48	673	470	1.31	3.17	1.96	10.50	48.0	12.2	24	12.75	317
Q934608		5.31	0.747	0.86	7.21	133.0	1100	1.44	4.02	3.78	0.55	45.9	14.0	13	21.2	54.9
Q934609		5.53	0.600	0.59	7.27	59.0	2010	1.41	2.64	3.72	1.28	44.9	13.2	14	13.00	73.6
Q934610		4.81	0.189	0.79	7.22	38.2	2130	1.47	5.18	3.58	2.24	49.2	15.3	14	19.15	33.6
Q934611		2.14	0.184	3.62	7.42	421	500	1.38	34.0	3.48	2.43	45.7	15.7	13	15.90	95.2
Q934612		4.60	0.051	0.28	8.13	24.4	1580	1.92	15.65	3.49	0.15	53.0	23.5	13	25.0	28.1
Q934613		5.39	0.121	0.19	7.48	13.1	1620	1.35	2.12	3.68	0.30	41.8	15.7	15	9.22	17.6
Q934614		7.76	0.049	0.18	7.55	14.2	1740	1.45	1.18	4.27	0.29	47.0	14.5	13	10.85	24.6
Q934615		<0.02	0.053	0.14	7.67	14.5	1760	1.46	1.07	4.39	0.30	46.8	15.5	15	10.90	22.3
Q934616		6.55	0.023	0.27	7.61	16.0	1820	1.45	3.14	4.05	0.22	43.0	15.6	15	11.20	38.2
Q934617		5.53	0.035	0.19	7.53	23.5	1720	1.39	2.14	4.26	0.19	44.7	15.9	14	10.85	27.4
Q934618		5.53	0.049	0.15	7.66	19.1	1980	1.37	1.41	4.18	0.21	47.1	16.1	14	10.55	23.8
Q934619		0.30	0.847	12.60	6.55	1600	180	1.37	12.55	1.89	33.7	46.8	18.5	17	13.55	301
Q934620		3.01	0.121	0.23	7.60	77.2	1700	1.50	2.17	4.17	0.34	49.5	18.2	14	14.15	35.2
Q934621		5.53	<0.005	0.01	0.06	<0.2	20	0.06	0.06	20.6	0.07	1.09	0.7	1	0.20	1.6
Q934622		2.98	0.190	0.30	8.01	94.6	1090	1.47	2.33	3.51	0.28	52.0	15.8	14	29.6	50.1
Q934623		2.21	0.109	0.82	7.47	115.5	1350	1.85	19.35	3.36	0.45	50.2	15.4	14	25.8	75.9
Q934624		3.59	<0.005	0.07	6.82	33.6	1530	1.60	0.20	3.57	0.27	66.9	7.9	21	14.95	14.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119707

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935639		2.40	16.25	0.13	0.8	0.163	2.40	31.2	32.4	0.52	389	0.94	0.05	6.6	2.7	580
Q935640		2.87	16.45	0.18	0.9	0.276	2.59	28.1	14.2	0.73	585	1.99	0.70	6.4	2.2	520
Q935641		5.07	15.60	0.14	0.8	0.175	2.89	24.1	12.7	0.55	527	2.57	0.59	6.0	3.0	510
Q935642		2.30	16.75	0.18	0.9	0.169	2.31	25.8	11.9	0.60	461	1.15	2.15	7.7	2.8	580
Q935643		2.31	16.00	0.18	0.9	0.155	2.29	26.5	10.8	0.66	468	1.38	2.17	7.3	2.4	550
Q935644		1.70	16.60	0.18	1.1	0.405	1.76	28.6	7.5	0.59	433	0.41	2.40	6.4	1.8	480
Q935645		6.77	16.40	0.13	0.5	0.176	2.50	14.4	31.2	1.16	729	42.0	0.13	4.0	2.9	300
Q935646		11.25	17.05	0.14	0.4	0.212	2.44	22.2	46.1	1.03	1080	140.5	0.09	4.0	5.4	470
Q935647		4.51	17.65	0.18	0.8	0.439	2.94	28.8	11.8	1.38	1320	8.45	0.37	7.2	4.6	1100
Q935648		9.14	17.90	0.14	0.7	0.327	2.96	22.7	11.1	0.94	1470	12.05	0.06	5.6	4.9	880
Q935649		0.49	0.22	0.10	<0.1	0.008	0.02	0.5	1.0	12.95	203	0.21	0.01	0.1	1.4	180
Q935650		5.82	18.70	0.14	0.9	0.334	2.70	31.7	29.1	1.45	1960	3.94	0.34	7.0	5.5	1070
Q934601		4.24	15.75	0.13	0.7	0.384	1.47	29.3	18.9	1.78	1200	3.03	0.39	6.1	7.3	1150
Q934602		4.30	18.10	0.12	0.8	0.310	1.71	23.0	12.2	1.66	667	0.89	2.33	7.0	8.5	1220
Q934603		4.03	18.80	0.16	1.1	0.357	2.39	25.7	10.3	1.45	472	0.32	1.18	5.6	6.1	1010
Q934604		4.12	17.85	0.13	0.8	0.414	1.64	28.0	10.9	1.36	383	1.36	2.26	6.1	20.7	1130
Q934605		4.16	19.10	0.15	0.9	0.417	1.44	31.9	16.2	1.83	723	0.72	2.92	7.6	9.4	1300
Q934606		4.65	18.25	0.14	0.8	0.285	2.04	22.9	15.4	1.70	724	1.02	2.10	7.4	7.3	1360
Q934607		4.85	14.65	0.09	1.0	0.303	2.89	27.3	24.8	0.75	1800	13.40	0.15	5.8	15.2	500
Q934608		5.34	16.80	0.10	0.7	0.314	2.92	22.1	12.2	1.48	1280	1.42	0.56	6.7	7.5	1210
Q934609		5.07	19.15	0.11	0.8	0.283	3.09	21.4	13.3	1.58	877	1.73	1.21	7.2	7.4	1250
Q934610		5.21	16.30	0.12	0.7	0.207	2.18	24.1	15.6	1.74	856	1.93	1.37	7.1	6.8	1250
Q934611		6.30	19.80	0.10	0.7	0.340	2.99	21.2	16.0	1.15	1140	6.65	0.06	6.9	6.8	1340
Q934612		9.59	22.9	0.15	0.9	0.375	2.47	23.5	63.9	2.33	3660	1.93	0.40	8.8	8.8	1490
Q934613		4.80	17.65	0.11	0.8	0.163	1.99	18.5	14.5	2.00	974	0.74	2.16	7.1	8.7	1340
Q934614		5.13	17.05	0.11	0.8	0.205	2.21	22.1	15.8	1.81	967	0.86	1.80	6.8	7.6	1290
Q934615		5.25	17.50	0.12	0.8	0.210	2.27	21.8	16.2	1.85	986	0.91	1.83	6.9	7.9	1300
Q934616		4.89	18.25	0.15	0.8	0.137	2.13	19.4	16.3	1.87	858	1.13	2.01	7.4	8.0	1340
Q934617		4.88	17.55	0.11	0.7	0.125	2.20	20.3	18.2	1.96	904	1.59	2.03	7.1	7.5	1360
Q934618		5.00	17.90	0.12	0.8	0.166	2.34	21.7	17.9	1.85	899	0.76	2.02	7.4	8.1	1350
Q934619		6.59	15.75	0.11	1.1	0.851	2.97	24.5	19.5	0.77	1820	8.91	0.13	6.4	12.5	540
Q934620		5.53	17.70	0.11	0.7	0.132	2.26	24.3	16.0	1.70	859	0.91	1.67	7.0	8.2	1280
Q934621		0.48	0.24	0.10	<0.1	0.007	0.02	0.5	0.9	12.60	209	0.07	0.01	0.2	1.1	190
Q934622		5.29	18.75	0.11	0.9	0.176	2.28	25.7	54.0	1.46	872	2.60	0.08	7.8	6.9	1340
Q934623		5.70	18.00	0.10	0.9	0.135	2.30	24.7	44.7	1.62	750	13.60	0.06	7.0	8.8	1290
Q934624		2.98	17.60	0.13	3.7	0.037	2.09	35.2	51.1	1.52	600	1.91	0.08	10.2	8.3	1260

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119707

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935639		37.4	120.0	<0.002	1.49	16.15	9.9	2	2.9	59.3	0.56	0.31	16.7	0.213	1.96	2.5
Q935640		37.7	134.0	<0.002	1.46	11.70	9.6	1	4.3	140.5	0.53	0.48	14.7	0.194	2.21	4.8
Q935641		53.1	145.5	<0.002	4.43	8.10	8.9	1	5.7	129.0	0.48	0.95	11.2	0.194	2.21	3.7
Q935642		27.8	85.0	<0.002	0.47	3.94	9.9	1	2.4	342	0.64	0.14	13.4	0.250	1.18	3.5
Q935643		28.7	82.4	<0.002	0.44	3.22	9.5	1	2.4	354	0.59	0.16	13.4	0.237	1.15	3.6
Q935644		81.0	90.2	<0.002	0.59	1.96	9.1	1	2.9	276	0.72	0.13	18.1	0.181	1.48	3.9
Q935645		38.3	149.5	0.003	5.12	6.21	11.0	1	5.5	57.5	0.30	1.60	7.8	0.170	2.27	3.2
Q935646		98.1	153.5	0.042	>10.0	4.52	13.3	2	6.8	38.5	0.28	1.62	7.1	0.190	2.20	2.9
Q935647		64.4	156.5	0.003	2.30	5.20	16.1	1	6.9	177.5	0.50	0.46	10.7	0.367	2.95	4.1
Q935648		138.5	172.5	<0.002	9.33	29.6	12.8	3	9.9	43.3	0.38	2.48	8.8	0.293	2.95	4.1
Q935649		1.4	1.3	<0.002	0.02	0.12	0.2	<1	<0.2	46.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q935650		265	148.0	<0.002	3.90	15.20	17.0	2	8.6	173.0	0.51	0.75	10.5	0.358	2.69	4.8
Q934601		43.7	75.0	<0.002	2.13	20.1	15.6	1	6.2	257	0.41	0.49	9.0	0.362	1.28	4.5
Q934602		25.0	74.5	<0.002	1.56	4.11	17.4	1	5.8	480	0.50	0.67	9.0	0.423	1.36	3.4
Q934603		34.0	156.0	<0.002	2.52	3.83	15.1	1	7.5	325	0.40	0.56	8.7	0.335	2.50	3.5
Q934604		6.2	112.0	0.002	2.85	2.65	15.4	2	4.9	284	0.47	0.51	10.0	0.350	1.80	3.5
Q934605		13.9	67.5	<0.002	1.02	5.26	19.2	1	4.5	526	0.56	0.18	11.4	0.410	1.06	3.6
Q934606		22.2	80.4	<0.002	1.07	2.99	19.1	1	6.1	532	0.49	0.41	9.8	0.441	1.47	3.3
Q934607		469	161.0	0.003	2.58	27.1	8.9	1	5.4	106.5	0.47	0.31	10.7	0.199	2.42	4.8
Q934608		42.2	123.5	<0.002	2.55	5.71	17.0	2	9.5	265	0.44	0.36	8.2	0.408	2.60	3.3
Q934609		49.5	111.5	<0.002	1.26	3.61	17.7	1	9.9	450	0.49	0.22	8.4	0.428	2.23	3.3
Q934610		56.2	88.3	<0.002	1.43	3.49	18.1	1	4.7	1080	0.46	0.21	8.7	0.419	1.54	3.2
Q934611		190.0	137.0	<0.002	4.21	21.9	17.5	2	8.6	448	0.47	0.68	10.1	0.422	2.85	3.8
Q934612		13.7	89.1	<0.002	0.38	5.56	20.9	1	3.0	369	0.58	0.38	8.8	0.498	2.73	4.2
Q934613		23.5	58.8	<0.002	0.68	1.98	17.9	1	3.2	596	0.49	0.15	7.8	0.439	1.22	2.6
Q934614		17.7	85.2	<0.002	0.52	2.58	18.1	1	4.2	542	0.45	0.08	9.2	0.426	1.64	3.0
Q934615		17.6	88.4	<0.002	0.55	2.58	18.4	1	4.1	551	0.47	0.06	8.6	0.427	1.63	2.8
Q934616		16.6	66.2	<0.002	0.58	2.10	18.3	1	3.4	575	0.48	0.33	7.7	0.446	1.25	2.7
Q934617		21.9	75.2	<0.002	0.56	2.07	17.8	1	3.2	561	0.46	0.22	8.2	0.437	1.33	2.9
Q934618		15.7	78.1	<0.002	0.68	2.22	18.9	2	3.5	583	0.48	0.12	8.0	0.450	1.35	2.9
Q934619		1315	169.5	<0.002	4.63	67.6	9.7	2	8.1	99.9	0.51	1.76	11.2	0.219	2.60	5.0
Q934620		20.1	96.9	<0.002	1.31	4.69	18.7	1	3.7	552	0.47	0.21	9.0	0.422	1.65	3.2
Q934621		1.6	1.2	<0.002	<0.01	<0.05	0.2	<1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q934622		23.3	90.4	<0.002	1.67	19.60	18.7	1	5.8	230	0.54	0.21	10.0	0.450	1.96	4.0
Q934623		68.9	108.0	0.002	1.91	24.4	17.8	1	6.8	211	0.45	3.95	9.8	0.409	2.15	6.9
Q934624		11.4	70.4	<0.002	0.11	12.00	6.4	1	1.4	285	0.63	<0.05	7.7	0.343	1.18	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119707

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q935639		65	1.7	14.9	124	24.5
Q935640		61	2.6	14.3	107	24.4
Q935641		56	3.7	11.6	98	22.5
Q935642		64	1.0	16.4	71	28.8
Q935643		64	0.8	16.2	70	28.3
Q935644		57	1.0	15.4	112	32.1
Q935645		114	2.8	6.4	87	13.6
Q935646		151	3.9	6.8	185	13.7
Q935647		143	3.9	18.2	167	22.9
Q935648		111	9.8	9.1	491	21.1
Q935649		2	0.1	0.7	15	<0.5
Q935650		144	6.3	18.8	269	31.2
Q934601		140	2.1	23.7	156	18.2
Q934602		159	1.6	18.6	88	22.3
Q934603		134	3.1	17.2	82	40.1
Q934604		141	2.2	17.4	59	23.1
Q934605		168	1.3	22.0	65	23.2
Q934606		173	1.4	19.4	81	19.3
Q934607		62	5.5	11.4	844	28.7
Q934608		154	4.0	16.4	92	17.0
Q934609		159	3.1	16.7	145	21.1
Q934610		160	2.2	17.7	204	16.8
Q934611		149	11.4	16.0	249	18.9
Q934612		175	5.4	22.0	161	20.8
Q934613		171	1.9	17.2	81	18.2
Q934614		163	2.7	20.0	80	17.6
Q934615		164	2.7	20.4	82	17.5
Q934616		171	1.6	17.6	68	17.9
Q934617		168	1.5	17.6	67	15.8
Q934618		169	1.5	18.0	68	17.6
Q934619		63	6.2	11.7	2410	30.3
Q934620		162	2.5	18.3	79	16.4
Q934621		1	0.1	0.8	16	<0.5
Q934622		169	5.2	17.6	77	20.7
Q934623		163	6.0	14.2	90	22.1
Q934624		62	1.9	11.4	72	157.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119707

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

CERTIFICATE WH14119708

Project: KLAZA

P.O. No.: BATCH 201

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119708

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933665		11.87	<0.005	0.08	7.28	4.2	2340	1.56	0.15	3.24	0.07	47.1	8.7	11	13.25	22.3
Q933666		9.64	<0.005	0.06	7.21	2.9	2040	1.54	0.11	3.07	0.07	41.9	8.0	11	11.35	13.2
Q933667		11.46	<0.005	0.07	7.26	3.6	1820	1.52	0.48	2.73	0.06	44.3	8.6	13	10.10	24.8
Q933668		0.26	0.388	4.74	6.86	729	430	1.37	3.26	2.08	11.15	50.8	12.1	24	13.35	312
Q933669		10.62	<0.005	0.06	7.21	3.6	1860	1.29	0.12	2.76	0.05	46.8	10.9	10	8.17	4.6
Q933670		7.08	<0.005	0.06	6.76	10.0	2010	1.45	0.18	3.71	0.07	40.4	12.8	13	13.35	8.0
Q933671		6.36	<0.005	0.07	7.42	9.9	2280	1.92	0.06	6.03	0.08	57.6	19.0	81	30.4	63.2
Q933672		11.86	<0.005	0.13	7.35	5.0	2100	1.56	0.50	3.43	0.08	45.9	9.8	16	13.10	44.9
Q933673		11.34	<0.005	0.28	7.66	3.4	2220	1.54	1.84	2.99	0.13	45.3	8.4	12	8.09	70.0
Q933674		9.18	<0.005	0.73	8.29	74.2	2020	1.59	0.45	0.64	3.44	57.7	7.5	9	14.65	7.7
Q933675		11.92	0.016	3.85	8.23	184.5	2590	1.65	1.39	0.58	4.87	57.4	9.9	8	27.0	63.6
Q933676		<0.02	0.021	3.56	7.98	185.5	2740	1.63	1.43	0.58	4.68	57.5	9.4	8	26.2	62.9
Q933677		6.23	<0.005	0.50	8.15	38.2	1970	1.67	0.26	0.90	3.67	55.2	6.6	7	26.6	9.0
Q933678		5.50	0.112	4.45	7.12	576	4050	1.45	0.66	0.14	8.98	44.2	5.0	8	19.20	19.1
Q933679		4.73	<0.005	0.02	0.06	0.5	50	0.07	0.03	21.3	0.09	1.20	0.6	1	0.17	1.4
Q933680		8.16	<0.005	0.66	8.33	129.0	1950	1.71	0.55	0.23	4.14	55.1	7.6	8	26.3	9.4
Q933681		6.85	0.040	4.99	7.66	449	1860	1.73	0.50	0.23	10.10	57.3	10.3	8	27.2	21.3
Q933682		11.34	<0.005	0.91	7.96	77.3	2260	1.59	0.19	1.28	3.81	55.8	8.1	8	21.0	15.7
Q933683		0.26	0.862	11.75	6.66	1635	130	1.41	11.15	1.91	33.2	46.4	16.9	18	13.00	288
Q933684		6.71	0.404	12.95	7.58	1845	1320	1.56	11.45	0.27	13.15	49.7	8.6	9	29.8	218
Q933685		6.18	0.019	1.74	8.40	162.0	2260	1.49	1.37	0.88	2.94	56.5	7.6	9	22.1	30.3
Q933686		9.75	<0.005	0.31	7.83	21.1	2280	1.56	0.16	2.09	1.25	52.5	7.7	8	11.45	8.0
Q933687		8.47	<0.005	0.53	9.02	86.4	2290	1.45	0.30	0.29	3.11	64.0	8.6	9	19.60	18.1
Q933688		6.27	<0.005	0.40	8.77	108.5	1590	1.34	0.29	0.21	4.13	58.6	7.8	8	20.1	11.1
Q933689		4.75	<0.005	1.11	7.16	195.5	7140	1.74	1.00	0.21	6.44	57.0	11.3	7	25.6	13.3
Q933690		5.11	<0.005	0.02	0.06	0.9	40	0.05	0.04	21.5	0.07	1.29	0.7	1	0.22	1.8
Q933691		6.75	<0.005	0.31	8.19	27.0	2300	1.50	0.95	1.14	2.00	59.0	7.5	8	20.4	8.4
Q933692		5.17	<0.005	0.46	7.24	35.0	2410	1.49	1.41	1.78	1.46	41.7	9.2	8	23.6	10.5
Q933693		5.98	<0.005	0.16	7.18	9.8	1540	1.35	0.46	3.30	0.33	47.9	7.2	8	15.70	6.8
Q933694		8.31	<0.005	0.23	7.05	12.5	1660	1.42	0.74	2.96	0.46	42.5	7.8	8	18.95	10.4
Q933695		7.20	<0.005	0.17	6.71	10.9	2120	1.23	0.60	2.92	0.33	40.9	7.4	8	15.95	7.1
Q933696		3.95	<0.005	0.15	6.36	11.4	1740	1.16	0.47	2.85	0.33	35.9	7.9	8	15.15	6.4
Q933697		2.52	<0.005	0.11	7.94	21.7	1830	1.38	0.37	1.48	1.06	54.7	6.6	9	15.95	5.4
Q933698		11.35	<0.005	0.08	6.72	8.9	1790	1.13	0.22	2.80	0.19	39.8	7.1	8	17.45	6.3
Q933699		8.50	<0.005	0.08	7.00	12.1	2200	1.31	0.20	2.92	0.25	43.5	8.4	8	22.4	6.0
Q933700		4.56	<0.005	0.17	6.50	10.1	2140	1.51	0.32	2.95	0.27	43.1	8.0	7	17.70	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119708

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933665		3.04	16.00	0.14	1.0	0.039	2.43	22.5	13.9	0.94	747	0.82	2.29	7.4	3.5	640
Q933666		3.06	16.10	0.14	1.0	0.041	2.49	19.9	19.9	0.83	715	0.67	2.12	7.5	2.9	640
Q933667		3.06	15.40	0.15	1.0	0.043	2.42	21.0	33.2	0.91	735	0.59	2.16	7.4	2.7	670
Q933668		4.95	15.30	0.14	1.0	0.312	3.00	27.6	27.4	0.80	1920	13.70	0.15	6.0	14.5	540
Q933669		3.06	14.75	0.16	0.9	0.038	1.96	23.5	27.1	0.90	701	0.51	2.67	6.3	2.6	630
Q933670		2.66	15.55	0.14	1.1	0.042	2.40	18.8	11.0	1.03	911	0.67	2.02	6.8	5.9	740
Q933671		5.04	17.00	0.16	3.0	0.053	3.39	27.4	16.3	2.22	1070	1.29	1.15	8.3	30.1	2210
Q933672		3.26	16.30	0.15	1.1	0.049	2.67	21.3	15.6	1.02	841	0.86	2.04	7.6	5.0	800
Q933673		3.22	16.25	0.15	1.0	0.051	2.70	21.4	17.1	0.94	822	0.96	2.22	7.5	2.7	690
Q933674		3.23	17.55	0.15	1.1	0.050	3.15	31.3	19.2	0.39	865	3.22	1.26	7.7	2.7	730
Q933675		3.79	17.65	0.15	1.2	0.113	3.01	31.3	44.7	0.32	2050	7.28	0.71	7.8	3.1	690
Q933676		3.78	16.90	0.15	1.2	0.106	2.86	31.3	42.8	0.31	2030	6.94	0.69	7.5	2.9	680
Q933677		2.74	16.75	0.15	1.4	0.051	3.20	28.7	31.0	0.24	1130	2.90	1.26	8.0	2.5	620
Q933678		3.51	14.05	0.14	1.3	0.291	3.07	28.2	18.4	0.23	3240	11.25	0.05	6.5	1.9	310
Q933679		0.48	0.20	0.14	<0.1	0.006	0.02	0.6	1.0	13.50	213	0.08	0.01	0.2	1.3	190
Q933680		3.10	16.95	0.17	1.1	0.057	3.30	31.1	33.8	0.23	1640	5.53	0.03	7.3	2.6	680
Q933681		3.27	16.85	0.16	1.2	0.146	2.93	34.2	30.4	0.21	5670	12.85	0.03	7.3	2.8	620
Q933682		3.09	16.65	0.17	1.2	0.121	2.95	28.8	25.6	0.37	1360	3.30	1.64	7.5	2.7	690
Q933683		6.51	14.80	0.14	0.9	0.765	2.90	23.4	18.9	0.78	1860	8.56	0.13	5.9	11.6	530
Q933684		5.40	16.65	0.13	1.1	0.676	3.12	30.8	23.8	0.22	1810	13.10	0.04	7.0	1.9	680
Q933685		3.28	17.00	0.13	1.1	0.059	3.19	29.6	19.3	0.32	866	3.14	1.14	7.7	2.8	720
Q933686		2.98	16.55	0.16	1.1	0.040	2.70	26.0	15.9	0.63	640	1.01	2.26	7.5	2.6	640
Q933687		3.29	19.00	0.15	1.3	0.051	2.96	27.3	44.0	0.33	1020	3.42	0.23	8.8	2.8	770
Q933688		3.20	18.10	0.15	1.2	0.045	2.74	32.2	43.2	0.12	1170	4.23	0.07	7.9	2.5	750
Q933689		3.32	15.75	0.17	1.1	0.063	2.60	39.8	37.7	0.20	2950	8.28	0.14	6.6	2.8	600
Q933690		0.48	0.21	0.13	<0.1	0.005	0.02	0.6	1.1	13.45	223	0.09	<0.01	0.2	1.3	170
Q933691		3.08	16.95	0.18	1.3	0.055	2.91	31.1	40.4	0.24	904	3.29	0.32	7.8	2.5	690
Q933692		3.18	16.40	0.15	1.2	0.047	2.61	20.2	36.5	0.35	1160	3.47	0.19	7.2	2.7	630
Q933693		2.72	15.30	0.16	1.2	0.042	2.35	23.5	35.3	0.77	863	2.56	0.25	7.1	2.2	620
Q933694		3.20	15.00	0.16	1.2	0.050	2.48	20.0	35.2	0.78	1140	1.33	0.29	7.1	2.3	660
Q933695		2.75	15.65	0.18	1.1	0.039	2.25	18.7	35.5	0.62	803	0.73	1.06	7.2	2.8	620
Q933696		2.67	14.35	0.13	1.0	0.034	2.14	16.1	32.7	0.61	764	1.09	0.95	6.7	2.3	580
Q933697		2.93	16.15	0.17	1.2	0.038	2.59	29.1	27.8	0.27	785	2.21	1.11	7.5	2.2	660
Q933698		2.68	14.70	0.16	1.0	0.034	2.32	18.3	33.9	0.60	671	0.86	1.30	7.1	2.2	610
Q933699		3.01	15.90	0.17	1.0	0.044	2.42	20.1	31.2	0.63	730	0.74	1.32	7.4	2.6	640
Q933700		2.90	14.35	0.16	1.0	0.041	2.45	20.3	18.0	0.91	943	0.42	1.28	6.4	2.5	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119708

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933665		15.3	93.6	<0.002	0.07	1.40	11.5	1	1.7	418	0.62	<0.05	11.3	0.278	0.90	3.9
Q933666		14.8	88.1	<0.002	0.03	1.41	11.0	1	1.6	392	0.61	<0.05	10.7	0.269	0.86	4.0
Q933667		11.1	95.2	<0.002	0.09	1.70	11.3	<1	1.7	310	0.67	<0.05	11.1	0.277	0.97	3.7
Q933668		496	163.0	0.003	2.64	28.5	9.4	1	5.8	109.0	0.49	0.33	10.9	0.209	2.40	5.0
Q933669		4.1	96.0	<0.002	0.12	1.92	10.6	1	1.6	214	0.55	<0.05	10.9	0.246	0.98	3.3
Q933670		8.1	98.3	<0.002	0.19	2.74	10.4	1	1.6	277	0.57	<0.05	9.6	0.270	1.16	3.1
Q933671		11.8	110.0	<0.002	0.04	2.85	19.6	1	1.4	807	0.49	<0.05	6.2	0.488	0.91	2.3
Q933672		15.5	96.5	<0.002	0.12	1.72	12.3	<1	1.8	429	0.59	<0.05	10.9	0.303	1.03	3.9
Q933673		19.4	96.9	<0.002	0.12	1.39	12.0	1	1.8	415	0.62	<0.05	11.3	0.294	0.92	3.9
Q933674		46.2	146.5	<0.002	<0.01	4.17	12.5	1	1.6	166.5	0.62	<0.05	14.9	0.291	1.57	2.8
Q933675		895	147.5	<0.002	0.02	12.15	12.3	1	2.0	134.5	0.68	<0.05	15.7	0.278	1.72	4.5
Q933676		893	137.0	<0.002	0.02	11.70	11.8	1	1.8	131.0	0.69	<0.05	15.3	0.273	1.63	4.4
Q933677		47.9	138.5	<0.002	<0.01	7.00	10.7	1	1.8	200	0.74	<0.05	17.6	0.264	1.54	2.6
Q933678		1310	163.5	<0.002	0.14	17.80	9.3	1	2.4	75.0	0.66	<0.05	15.5	0.219	2.68	4.8
Q933679		2.8	1.1	<0.002	0.01	0.08	0.2	<1	<0.2	48.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q933680		73.5	174.0	<0.002	0.02	11.70	11.9	1	1.7	67.3	0.64	<0.05	15.0	0.277	2.50	4.2
Q933681		517	169.0	<0.002	0.01	23.1	11.9	1	2.0	80.0	0.63	<0.05	14.7	0.262	2.87	5.3
Q933682		151.5	126.5	<0.002	<0.01	4.62	11.6	<1	1.7	266	0.66	<0.05	14.9	0.283	1.48	2.6
Q933683		1330	156.5	<0.002	4.62	64.0	9.1	2	8.0	94.0	0.50	1.21	9.9	0.209	2.43	4.9
Q933684		1180	159.0	<0.002	0.02	53.0	13.5	<1	2.3	41.3	0.59	<0.05	12.6	0.292	2.18	8.2
Q933685		128.0	133.5	<0.002	<0.01	7.56	11.9	<1	1.6	177.5	0.65	<0.05	15.5	0.296	1.48	3.1
Q933686		25.1	106.5	<0.002	<0.01	2.25	11.3	1	1.5	360	0.65	<0.05	14.0	0.273	0.93	1.4
Q933687		90.4	126.5	<0.002	<0.01	9.83	13.8	1	1.8	71.9	0.76	<0.05	17.2	0.312	1.21	2.7
Q933688		73.8	119.0	<0.002	<0.01	15.70	13.2	1	1.6	120.0	0.67	<0.05	15.8	0.297	1.25	3.3
Q933689		179.5	134.0	<0.002	0.14	21.0	12.0	1	1.6	118.0	0.57	<0.05	13.3	0.241	1.74	4.0
Q933690		1.9	1.2	<0.002	<0.01	0.09	0.2	<1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q933691		34.8	123.0	<0.002	0.03	10.10	12.0	1	1.8	132.0	0.70	<0.05	16.8	0.290	1.30	3.4
Q933692		37.5	96.9	<0.002	0.09	12.05	10.9	1	1.7	135.5	0.63	<0.05	11.0	0.273	1.24	3.2
Q933693		22.2	77.7	<0.002	0.03	8.90	10.3	1	1.5	294	0.61	<0.05	11.7	0.272	0.96	3.0
Q933694		22.3	82.7	<0.002	0.08	7.13	10.6	1	1.7	250	0.62	<0.05	10.0	0.267	1.15	3.7
Q933695		20.8	76.7	<0.002	0.06	7.75	10.4	1	1.6	256	0.59	<0.05	9.7	0.269	0.96	2.7
Q933696		18.6	68.5	<0.002	0.06	7.21	9.7	1	1.5	246	0.56	<0.05	8.6	0.258	0.87	3.0
Q933697		20.0	114.5	<0.002	0.02	9.16	11.7	1	1.6	152.5	0.62	<0.05	14.4	0.280	1.13	2.2
Q933698		19.1	73.6	<0.002	0.02	7.54	9.8	<1	1.4	287	0.58	<0.05	9.3	0.262	0.87	2.6
Q933699		19.4	85.0	<0.002	0.02	6.29	11.0	1	1.5	283	0.60	<0.05	10.2	0.274	0.92	2.6
Q933700		17.1	94.4	<0.002	0.21	7.28	9.9	1	1.3	248	0.54	<0.05	9.0	0.248	1.12	4.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119708

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933665		80	1.2	15.2	51	30.0
Q933666		80	1.2	14.2	50	30.0
Q933667		80	2.1	12.1	47	28.8
Q933668		66	5.6	11.9	869	32.4
Q933669		75	3.3	9.3	46	24.1
Q933670		79	2.7	11.8	40	35.5
Q933671		173	1.1	21.4	83	135.5
Q933672		90	1.6	17.6	57	35.8
Q933673		86	18.2	18.1	63	28.4
Q933674		88	2.3	19.6	288	31.7
Q933675		83	4.0	23.1	712	35.1
Q933676		81	4.0	22.1	693	34.2
Q933677		72	2.1	18.8	351	40.9
Q933678		68	4.4	16.5	758	36.1
Q933679		2	0.1	0.9	16	<0.5
Q933680		84	3.6	21.1	508	31.9
Q933681		80	4.9	25.3	805	33.2
Q933682		81	2.5	20.5	495	33.9
Q933683		65	5.9	11.1	2430	29.0
Q933684		94	6.2	23.7	1080	30.7
Q933685		84	1.9	20.3	378	33.2
Q933686		77	1.0	17.8	179	32.2
Q933687		87	5.4	21.3	312	38.9
Q933688		87	4.6	24.0	324	34.6
Q933689		80	5.1	28.1	435	33.7
Q933690		2	0.1	0.9	17	<0.5
Q933691		80	4.7	19.6	156	40.0
Q933692		81	5.6	18.3	150	36.2
Q933693		69	4.0	15.4	88	36.0
Q933694		82	3.5	16.7	106	36.0
Q933695		72	3.2	14.1	84	35.5
Q933696		70	3.2	15.0	84	32.2
Q933697		76	5.7	18.6	147	36.0
Q933698		72	5.8	13.1	67	30.4
Q933699		78	4.6	17.0	71	28.7
Q933700		74	2.5	15.3	77	26.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14119708

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

CERTIFICATE WH14120286

Project: KLAZA

P.O. No.: BATCH 130

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
PUL-35a	Pulv 1 kg split to 95%<106 um
BAG-01	Bulk Master for Storage
SPL-21	Split sample - riffle splitter
LOG-22d	Sample login - Rcd w/o BarCode dup
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120286

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q927825		2.96	0.064		1.80	6.62	150.5	1420	1.72	0.65	2.45	4.35	46.4	6.5	13	27.6
Q927826		1.28	>10.0	23.6	55.1	3.46	>10000	120	0.92	5.99	1.13	671	22.8	6.9	9	10.50
Q927827		9.98	0.194		1.34	6.70	157.0	1870	1.43	1.86	2.29	2.55	43.0	8.3	15	23.4
Q927828		2.92	2.65		>100	0.78	8930	50	0.21	212	0.72	202	7.64	58.5	9	1.13
Q927829		1.61	0.188		10.20	6.69	750	370	1.03	4.61	0.13	26.9	43.5	20.3	19	7.75
Q927830		1.29	4.87		>100	2.03	>10000	150	0.45	259	0.26	568	11.65	179.5	11	1.76
Q927831		0.75	0.333		7.51	7.15	1040	300	1.08	4.47	0.08	43.1	53.3	7.7	15	7.59
Q927832		2.09	1.505		>100	4.53	>10000	570	0.95	12.85	1.10	387	31.6	21.2	10	5.41
Q927833		6.35	<0.005		0.22	0.04	16.3	20	0.05	0.08	19.55	0.45	0.94	0.6	1	0.09
Q927834		2.74	0.758		47.4	6.09	6810	1050	1.19	2.79	1.45	88.5	46.5	6.7	15	9.16
Q927835		2.76	0.101		7.42	6.49	109.5	1740	1.74	6.64	4.02	3.61	59.2	8.2	15	21.3
Q927836		0.17	>10.0	13.45	>100	4.22	156.5	330	0.42	1.75	1.99	789	16.25	52.1	45	1.19
Q927837		3.66	6.76		>100	2.18	>10000	50	0.57	118.5	3.76	351	7.94	11.8	3	5.25
Q927838		3.27	0.009		1.18	7.73	34.1	2140	1.42	0.61	2.28	2.36	54.8	10.5	15	11.35
Q927839		0.31	1.600		40.0	5.96	2610	910	1.21	33.6	1.73	46.4	38.4	16.8	17	10.05
Q927840		2.49	0.442		17.05	6.79	1745	370	1.13	7.53	0.63	12.10	39.4	12.5	18	8.51
Q927841		0.88	>10.0	14.90	>100	0.68	>10000	60	0.17	173.0	0.43	35.5	5.70	7.0	4	1.25
Q927842		0.81	0.036		4.91	8.03	82.0	800	2.08	1.13	3.04	1.90	72.0	6.6	14	25.7
Q927843		1.05	0.140		8.38	5.49	384	3040	1.68	1.90	2.89	5.39	48.4	5.8	15	15.80
Q927844		2.14	>10.0	13.20	>100	1.64	5170	300	0.37	423	0.79	44.9	9.76	169.0	13	2.11
Q927845		5.66	<0.005		0.26	0.04	6.4	20	0.05	0.25	21.9	0.11	1.00	0.6	<1	0.09
Q927846		0.83	0.229		4.72	6.33	256	450	1.23	14.05	1.44	3.15	41.7	83.2	11	15.15
Q927847		<0.02	0.239		3.72	6.29	240	500	1.33	13.30	1.41	3.04	39.2	82.8	11	15.10
Q927848		2.77	6.14		44.0	5.68	>10000	250	1.32	1.84	0.45	335	71.0	9.4	12	9.77
Q927849		4.52	2.98		15.20	5.71	2610	320	0.99	11.45	0.22	8.76	36.8	27.5	13	3.95
Q927850		6.38	0.397		2.66	6.48	273	350	1.05	2.72	0.49	5.84	40.9	16.5	12	6.31
Q927851		2.49	>10.0	13.30	68.1	1.03	2340	80	0.20	104.5	0.38	4.80	13.70	157.0	8	1.01
Q927852		2.99	0.192		1.85	6.34	413	130	1.07	1.83	1.42	5.55	47.0	17.5	8	9.59
Q927853		0.97	2.70		99.9	3.80	>10000	140	0.69	13.55	2.22	257	20.4	16.8	8	4.32
Q927854		2.05	0.692		32.3	5.05	4210	280	1.06	7.89	1.08	46.9	33.6	8.5	12	7.94
Q927855		1.11	1.560		>100	5.72	4140	370	1.51	22.7	4.85	122.5	37.3	16.8	7	18.20
Q927856		5.20	0.005		0.80	7.73	38.6	2220	1.55	0.24	2.31	2.75	49.1	7.6	15	15.70
Q927857		2.02	2.29		>100	3.47	4290	150	0.88	54.2	3.47	550	20.5	5.2	7	10.60
Q927858		7.51	0.005		0.39	7.93	24.1	2060	1.81	0.26	2.56	1.04	52.3	6.0	13	15.85
Q927859		<0.02	0.005		0.34	7.66	19.2	1960	1.79	0.24	2.40	0.83	51.2	5.6	15	15.00
Q927860		5.12	0.018		0.33	7.71	142.0	1940	1.64	0.23	3.52	0.75	52.6	5.2	15	22.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120286

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q927825		35.8	2.83	15.65	0.09	1.2	0.093	2.71	25.7	18.8	0.92	2090	2.32	0.04	7.6	2.5
Q927826		633	13.50	9.10	0.12	0.7	2.82	1.48	11.7	12.0	0.44	1500	6.05	0.03	3.6	2.1
Q927827		15.8	3.54	16.20	0.09	1.1	0.085	2.78	22.9	35.2	0.85	741	3.05	0.05	7.7	2.5
Q927828		>10000	22.9	4.37	0.11	0.1	7.96	0.33	4.5	8.5	0.30	5050	5.48	0.01	0.8	1.8
Q927829		608	5.35	16.30	0.09	1.0	0.517	3.05	23.5	7.9	0.22	196	2.50	0.02	8.0	3.3
Q927830		2670	16.90	8.48	0.07	0.3	5.12	0.92	6.4	8.5	0.14	499	1.85	0.01	2.0	2.8
Q927831		54.1	6.32	20.5	0.10	1.1	0.178	3.08	28.8	6.4	0.18	138	2.33	0.02	7.6	3.2
Q927832		392	8.14	12.15	0.09	0.8	3.11	1.94	16.8	8.5	0.46	2270	1.93	0.02	4.5	1.9
Q927833		15.8	0.44	0.16	<0.05	<0.1	0.010	0.02	0.5	0.9	12.35	192	0.51	<0.01	0.1	1.1
Q927834		485	6.03	14.70	0.09	1.2	1.085	2.51	23.8	20.2	0.59	1230	3.83	0.02	7.1	2.6
Q927835		97.6	2.99	16.15	0.12	2.6	0.117	1.88	33.4	120.5	1.26	867	4.67	0.04	9.5	5.1
Q927836		>10000	8.82	14.90	0.11	0.5	2.78	0.78	8.4	5.7	0.77	1550	153.5	1.04	2.0	15.8
Q927837		4980	13.45	5.97	0.05	0.4	2.15	0.88	2.2	16.8	1.33	5980	3.73	0.01	2.2	2.6
Q927838		16.2	4.04	15.90	0.09	1.1	0.143	3.34	29.7	18.5	0.77	1180	1.33	0.72	7.8	3.1
Q927839		1235	9.21	14.10	0.06	0.9	1.595	2.76	19.9	16.1	0.72	2530	16.80	0.06	4.5	14.7
Q927840		716	6.13	17.50	0.08	1.0	0.785	3.12	19.8	9.8	0.33	720	2.93	0.03	6.3	3.7
Q927841		>10000	32.0	3.92	0.06	0.2	17.40	0.27	3.2	5.0	0.16	283	3.07	0.01	0.9	1.9
Q927842		71.5	2.61	18.55	0.08	2.7	0.074	2.09	37.0	67.0	1.04	835	2.95	0.10	12.5	3.9
Q927843		315	2.53	13.15	0.11	2.6	0.204	2.09	26.6	37.3	1.09	1120	2.10	0.03	7.1	5.0
Q927844		3660	24.9	4.25	0.06	0.3	1.695	0.73	4.8	6.4	0.29	557	3.40	0.01	1.6	3.5
Q927845		12.3	0.51	0.14	<0.05	<0.1	0.007	0.02	0.5	1.0	13.90	216	0.19	<0.01	0.1	1.2
Q927846		26.4	7.59	13.70	0.06	1.0	0.108	2.82	20.5	13.7	0.61	2450	2.53	0.11	6.4	4.9
Q927847		17.6	7.42	13.90	0.06	1.0	0.113	2.85	20.2	13.0	0.60	2460	2.52	0.11	6.5	4.5
Q927848		134.5	7.82	13.50	0.10	1.1	0.900	2.56	40.7	14.5	0.35	1730	2.93	0.02	5.9	4.4
Q927849		215	10.10	13.95	0.09	1.0	0.291	2.86	18.3	7.5	0.25	181	1.67	0.02	5.3	2.8
Q927850		62.2	6.56	15.60	0.08	1.0	0.220	3.31	21.4	6.1	0.39	3220	1.00	0.03	5.9	3.0
Q927851		6160	29.2	3.48	0.05	0.1	3.30	0.50	7.6	7.2	0.12	460	10.60	0.01	0.9	3.4
Q927852		14.6	7.56	15.50	0.07	0.9	0.259	3.17	23.9	7.7	0.80	5300	2.26	0.03	5.6	3.1
Q927853		866	10.10	9.64	0.06	0.6	1.870	1.65	10.8	19.1	0.98	3140	34.0	0.02	3.4	3.4
Q927854		239	6.09	12.50	<0.05	0.9	1.150	2.32	16.8	18.7	0.49	1140	2.83	0.03	4.9	2.8
Q927855		778	8.79	13.55	<0.05	1.5	2.56	2.34	18.9	11.4	1.80	4980	3.47	0.03	6.1	4.6
Q927856		12.9	3.33	17.05	0.09	1.3	0.073	3.08	24.7	15.5	0.76	909	1.71	1.65	8.3	2.9
Q927857		325	6.03	7.42	<0.05	0.6	1.965	1.48	10.6	21.3	1.12	4150	6.14	0.02	3.1	2.7
Q927858		6.7	3.54	17.35	0.09	1.5	0.067	3.17	27.5	18.5	0.81	1090	1.95	2.08	8.5	2.8
Q927859		6.4	3.39	16.00	0.10	1.4	0.061	3.01	27.4	17.9	0.78	1040	1.72	1.98	8.1	2.7
Q927860		6.6	3.48	15.70	0.10	1.3	0.066	3.05	28.8	31.6	0.88	1270	1.76	1.13	7.8	2.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120286

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q927825		550	165.5	138.5	<0.002	0.65	16.45	9.3	1	1.9	201	0.63	0.08	12.3	0.222	2.88
Q927826		250	9060	95.3	<0.002	>10.0	222	5.1	2	7.6	63.4	0.30	0.57	5.6	0.105	1.60
Q927827		540	156.0	127.5	<0.002	1.46	13.00	9.8	1	3.1	181.0	0.62	0.27	12.2	0.220	2.01
Q927828		40	4960	21.1	0.006	>10.0	293	1.3	4	20.2	10.9	0.07	5.11	1.4	0.022	0.42
Q927829		460	603	179.0	0.002	4.99	79.2	10.1	1	10.8	48.0	0.64	0.75	11.8	0.240	3.07
Q927830		160	3580	50.5	0.002	>10.0	710	2.3	4	22.1	16.4	0.17	13.20	3.4	0.057	0.89
Q927831		290	1020	138.5	<0.002	6.55	33.2	9.8	1	10.6	17.2	0.64	0.05	12.7	0.239	2.94
Q927832		400	>10000	96.0	<0.002	8.88	398	5.8	1	14.7	49.5	0.38	2.51	8.0	0.148	2.07
Q927833		160	26.2	0.8	<0.002	0.02	0.66	0.1	<1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	<0.02
Q927834		540	2280	193.0	<0.002	5.39	176.5	8.5	1	16.9	177.0	0.59	0.09	11.4	0.206	2.65
Q927835		830	445	94.7	<0.002	0.71	30.5	5.9	1	2.2	414	0.64	0.14	9.0	0.241	2.08
Q927836		520	>10000	24.1	0.060	>10.0	180.5	9.7	11	16.9	207	0.12	0.46	1.6	0.167	7.35
Q927837		160	>10000	47.6	<0.002	>10.0	1625	2.7	1	12.1	105.0	0.19	1.90	2.4	0.069	3.54
Q927838		600	175.0	150.0	<0.002	0.50	5.75	10.1	1	2.1	197.0	0.72	0.20	14.6	0.249	1.79
Q927839		460	1685	153.5	<0.002	8.17	107.5	8.1	2	10.7	66.7	0.39	0.63	9.2	0.161	2.17
Q927840		460	872	157.5	<0.002	5.86	56.2	8.5	1	6.2	23.5	0.58	0.73	11.1	0.210	2.55
Q927841		60	8330	11.4	<0.002	>10.0	855	0.7	2	39.8	28.6	0.06	10.75	1.0	0.022	0.78
Q927842		970	327	63.7	<0.002	0.26	25.2	6.5	<1	2.3	439	0.86	<0.05	10.9	0.276	1.37
Q927843		780	629	119.0	<0.002	0.60	29.5	4.9	<1	1.8	265	0.50	0.13	7.1	0.214	2.32
Q927844		140	>10000	36.7	0.002	>10.0	254	1.8	4	10.0	40.3	0.13	5.79	2.1	0.051	2.36
Q927845		200	19.1	0.7	<0.002	0.02	0.58	0.1	<1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q927846		490	257	143.0	<0.002	5.69	6.08	7.8	1	3.2	66.8	0.62	5.84	11.2	0.195	1.99
Q927847		480	238	146.5	<0.002	5.61	5.90	8.0	1	2.6	65.9	0.63	4.96	11.1	0.200	1.97
Q927848		600	7460	156.0	<0.002	7.39	163.5	7.7	1	10.6	279	0.51	0.13	10.3	0.193	2.84
Q927849		450	724	171.5	<0.002	>10.0	59.8	8.0	1	13.6	16.0	0.43	1.30	8.7	0.195	1.83
Q927850		510	298	184.5	<0.002	5.26	19.05	9.1	<1	6.7	23.2	0.50	0.33	10.8	0.216	2.16
Q927851		60	534	26.1	0.020	>10.0	198.0	1.6	3	24.3	9.1	0.07	7.41	1.4	0.028	0.37
Q927852		470	424	183.0	<0.002	4.91	14.80	9.0	<1	5.2	55.0	0.49	0.18	9.0	0.197	2.51
Q927853		260	>10000	89.2	0.029	9.69	249	4.6	1	9.3	38.7	0.29	1.00	5.8	0.114	1.98
Q927854		410	5470	130.5	<0.002	5.92	107.5	6.5	<1	8.0	58.4	0.43	0.37	7.9	0.158	2.32
Q927855		520	>10000	131.0	<0.002	8.18	141.0	6.5	1	9.4	200	0.47	1.08	8.0	0.197	2.88
Q927856		600	204	123.5	<0.002	0.17	7.25	9.9	<1	1.6	284	0.66	<0.05	12.7	0.253	1.61
Q927857		230	>10000	84.1	0.002	6.75	146.5	4.8	1	2.0	52.4	0.27	0.41	5.3	0.100	3.25
Q927858		610	72.9	135.5	<0.002	0.18	4.94	10.4	1	1.7	333	0.70	<0.05	13.3	0.260	1.55
Q927859		600	59.0	128.5	<0.002	0.17	4.57	10.1	1	1.6	316	0.69	<0.05	13.2	0.243	1.49
Q927860		580	71.6	139.0	<0.002	0.29	9.19	9.6	1	2.0	221	0.68	<0.05	13.4	0.243	1.90

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120286

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q927825		6.8	60	3.2	14.4	365	35.0					
Q927826		3.2	32	3.1	8.5	>10000	18.5				4.36	6.93
Q927827		4.7	62	2.8	13.9	249	28.7					
Q927828		2.0	9	1.3	4.6	>10000	2.8	359	1.430		1.715	
Q927829		3.8	68	7.9	8.1	579	26.2					
Q927830		2.5	17	2.6	5.7	>10000	7.1	457			4.97	3.30
Q927831		4.4	66	9.4	10.5	808	26.8					
Q927832		3.6	41	5.6	6.7	>10000	20.6	259		5.83	2.95	1.785
Q927833		0.6	2	0.1	0.7	37	<0.5					
Q927834		4.8	56	8.1	7.6	5430	33.0					
Q927835		7.4	50	2.1	12.8	315	101.0					
Q927836		2.0	117	7.3	10.6	>10000	11.1	127	2.85	2.41	15.20	
Q927837		3.9	20	2.3	5.2	>10000	11.0	978		10.10	2.50	3.20
Q927838		6.0	70	3.2	16.6	306	24.1					
Q927839		5.6	59	7.0	10.0	3550	22.3					
Q927840		4.9	61	7.3	9.3	1140	20.5					
Q927841		2.4	8	1.1	1.9	2930	5.4	412	3.11			3.76
Q927842		17.9	58	3.7	13.8	205	93.6					
Q927843		7.1	46	2.3	10.4	417	100.0					
Q927844		2.2	17	1.5	3.0	2860	11.8	266		2.82		
Q927845		0.8	2	0.1	0.8	17	<0.5					
Q927846		8.6	65	3.6	12.5	292	21.4					
Q927847		8.1	64	3.7	12.6	278	21.4					
Q927848		6.7	58	5.2	12.1	>10000	29.3				2.08	1.955
Q927849		2.0	61	4.2	8.1	601	19.7					
Q927850		3.6	72	3.9	8.1	431	23.5					
Q927851		2.0	15	1.4	3.4	284	3.4					
Q927852		61.4	73	4.7	11.8	430	22.4					
Q927853		3.1	39	4.0	5.2	>10000	16.5			1.085	1.765	1.405
Q927854		3.5	48	6.1	6.1	3570	23.0					
Q927855		3.5	52	5.9	10.7	7920	51.4	99		1.055		
Q927856		5.0	70	1.8	16.7	281	31.6					
Q927857		3.0	38	2.3	10.2	>10000	13.0	116		2.89	4.87	
Q927858		4.8	72	2.0	17.5	151	35.6					
Q927859		4.9	68	2.0	16.7	128	31.5					
Q927860		5.2	69	2.8	16.9	100	30.4					

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120286

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-22
LOG-22d	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

CERTIFICATE WH14120287

Project: KLAZA

P.O. No.: BATCH 128

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

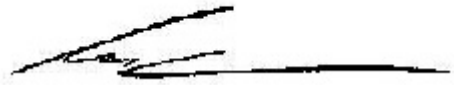
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120287

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933125		10.29	0.008	0.67	7.82	19.2	2410	1.66	0.20	2.54	2.63	53.3	5.8	11	16.50	15.8
Q933126		0.35	0.884	12.60	6.67	1600	440	1.46	11.75	1.91	35.7	48.4	18.3	16	14.55	296
Q933127		7.43	0.007	0.48	7.77	81.9	2010	1.57	0.31	1.89	8.38	50.5	6.9	10	19.10	15.6
Q933128		3.49	0.724	56.1	4.91	2110	370	1.28	3.19	3.97	109.5	35.3	3.8	6	13.70	682
Q933129		6.29	0.055	1.37	7.20	132.0	1420	1.64	0.36	2.44	0.56	45.5	5.5	11	22.7	5.5
Q933130		3.88	0.094	3.83	6.88	64.2	1000	1.46	2.07	2.65	12.30	48.3	11.6	12	18.20	22.7
Q933131		6.79	<0.005	0.12	7.79	8.2	2330	1.60	0.14	2.42	0.25	48.4	4.2	12	8.22	3.4
Q933132		5.61	0.081	4.18	7.43	35.1	2160	1.44	2.00	2.22	16.05	52.2	18.6	10	13.50	15.5
Q933133		7.96	0.020	0.35	7.54	22.2	2490	1.41	0.60	2.38	0.13	52.6	9.4	11	11.00	3.0
Q933134		4.91	0.011	0.49	7.59	17.2	2460	1.54	0.61	2.45	0.15	47.9	7.9	13	10.45	3.9
Q933135		5.56	0.009	0.15	7.67	8.5	2180	1.52	1.14	2.40	0.18	46.4	5.9	13	10.20	4.0
Q933136		5.59	0.024	1.45	7.43	25.3	2220	1.59	0.87	2.68	2.37	49.0	9.6	13	13.10	8.6
Q933137		1.62	0.045	2.24	6.48	71.4	4380	1.18	0.37	3.54	11.60	48.7	5.1	11	19.05	13.4
Q933138		3.06	0.072	1.59	6.84	75.0	2070	1.50	1.17	2.29	4.14	57.4	11.4	13	15.55	13.5
Q933139		7.65	0.007	0.16	7.11	17.1	2160	1.58	0.36	2.39	0.13	47.7	6.9	13	9.69	4.1
Q933140		3.54	<0.005	0.21	6.98	19.4	1690	1.45	0.25	3.04	0.13	39.1	6.1	12	19.95	5.8
Q933141		7.77	<0.005	0.09	7.28	5.7	2310	1.46	0.29	2.42	0.12	51.0	6.4	12	15.45	12.5
Q933142		<0.02	<0.005	0.09	7.39	6.4	2350	1.69	0.32	2.50	0.12	48.5	6.7	14	16.30	14.4
Q933143		7.93	<0.005	0.10	7.21	11.0	1990	1.51	0.29	2.37	0.16	45.8	5.4	11	13.05	6.2
Q933144		4.63	<0.005	0.09	7.53	6.0	2220	1.55	0.19	2.64	0.11	49.9	5.7	12	10.30	8.8
Q933145		5.94	0.013	0.25	7.28	40.4	2080	1.57	0.27	2.83	0.25	44.1	4.9	12	13.50	5.7
Q933146		0.31	0.344	4.54	6.60	729	510	1.41	3.59	2.03	10.30	48.4	12.0	24	12.55	302
Q933147		4.44	0.060	0.78	7.39	73.4	1500	1.50	0.33	2.97	0.21	56.9	4.6	12	19.45	4.1
Q933148		6.21	<0.005	0.09	7.46	18.3	2150	1.52	0.20	2.98	0.15	47.9	5.6	12	10.40	5.1
Q933149		2.66	0.013	0.78	7.54	51.2	740	1.44	0.59	2.21	1.19	89.1	1.6	17	8.31	21.4
Q933150		3.26	2.04	31.8	4.96	5280	90	1.09	14.70	1.32	339	113.0	33.5	10	7.11	1375
Q933151		5.83	<0.005	0.03	0.06	1.4	40	0.05	0.02	21.2	0.17	1.40	1.0	1	0.14	3.2
Q933152		4.80	0.015	0.77	7.25	23.9	1030	1.53	0.71	2.65	1.08	73.6	10.9	10	7.70	5.2
Q933153		3.69	0.126	16.25	6.95	244	2010	1.59	0.30	2.59	26.1	45.1	7.0	13	16.50	40.3
Q933154		5.53	<0.005	0.02	0.07	<0.2	60	0.05	0.02	21.0	0.12	1.54	1.0	1	0.14	3.6
Q933155		4.39	0.013	0.82	7.20	42.2	1950	1.63	0.36	3.29	0.94	53.2	7.4	20	21.1	13.5
Q933156		4.66	0.063	0.97	7.01	444	1770	1.49	0.21	2.49	2.63	49.7	6.2	10	17.35	8.7
Q933157		2.75	0.009	0.90	7.78	12.9	1890	1.57	0.79	3.15	0.20	66.9	17.5	14	6.06	4.1
Q933158		6.46	<0.005	0.06	7.51	4.9	2350	1.56	0.18	2.54	0.10	46.1	5.4	13	9.64	3.9
Q933159		4.72	0.006	0.22	7.46	23.3	1720	1.60	0.30	4.26	0.31	57.4	8.0	12	20.0	8.5
Q933160		3.49	<0.005	0.11	7.87	9.8	2010	1.22	0.22	2.55	0.19	51.4	7.1	11	11.85	8.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120287

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933125		3.02	15.85	0.12	1.2	0.054	3.04	29.0	12.2	0.71	692	3.09	2.30	7.5	2.4	570
Q933126		6.53	16.05	0.09	1.1	0.848	3.00	25.8	20.0	0.80	1860	9.50	0.13	6.6	12.6	540
Q933127		3.34	16.60	0.09	1.2	0.063	3.17	26.9	31.1	0.59	712	2.59	1.46	7.9	2.6	610
Q933128		4.58	10.85	0.06	0.8	0.421	2.22	18.9	19.8	1.34	2490	4.92	0.02	4.8	1.6	340
Q933129		2.85	15.60	0.10	1.1	0.061	3.49	24.1	31.4	0.84	1420	1.68	0.07	7.4	2.3	580
Q933130		3.82	14.30	0.11	1.0	0.264	3.23	26.7	27.3	0.82	1840	1.33	0.53	6.6	2.1	520
Q933131		3.03	16.10	0.13	1.2	0.045	3.01	25.7	8.9	0.86	641	1.60	2.43	7.8	2.2	600
Q933132		4.10	14.70	0.10	1.1	0.103	2.77	29.7	16.6	0.85	1580	2.87	0.84	6.6	2.3	590
Q933133		3.30	16.60	0.17	1.1	0.058	2.91	27.8	10.8	0.74	691	2.86	2.16	7.9	2.5	570
Q933134		3.28	16.05	0.11	1.2	0.060	2.92	24.5	10.1	0.77	736	1.26	2.26	7.6	2.3	590
Q933135		3.11	16.25	0.13	1.2	0.073	2.93	24.3	9.6	0.82	640	2.38	2.50	7.6	2.5	590
Q933136		3.54	16.50	0.11	1.2	0.061	3.09	26.1	14.7	0.74	1140	1.61	1.74	7.6	2.7	580
Q933137		3.56	14.35	0.15	1.1	0.084	2.92	24.2	22.3	1.05	2020	2.17	0.60	6.8	2.5	510
Q933138		3.39	14.45	0.20	1.2	0.059	2.90	29.2	23.3	0.85	1480	1.34	0.26	7.2	2.4	560
Q933139		2.91	16.15	0.19	1.2	0.052	2.72	22.4	10.1	0.69	604	1.56	1.97	8.1	2.4	570
Q933140		2.60	16.75	0.19	1.3	0.050	2.37	18.2	41.5	0.53	655	1.59	0.66	8.5	2.1	580
Q933141		2.88	16.10	0.22	1.3	0.040	2.69	23.9	12.0	0.74	558	1.41	2.33	8.0	2.3	590
Q933142		2.99	16.95	0.20	1.3	0.050	2.76	22.1	13.0	0.75	576	1.51	2.42	8.7	2.5	610
Q933143		2.85	15.50	0.19	1.3	0.072	2.88	21.1	17.8	0.67	780	1.21	1.74	7.8	2.2	560
Q933144		2.94	15.75	0.22	1.3	0.053	2.89	23.4	19.7	0.76	582	1.56	2.09	8.3	2.4	630
Q933145		2.79	15.05	0.20	1.0	0.049	2.86	21.4	10.5	0.69	861	24.8	1.56	7.5	2.1	550
Q933146		5.01	15.25	0.25	1.0	0.303	2.95	24.5	26.0	0.76	1900	14.05	0.15	6.0	14.9	530
Q933147		2.80	15.80	0.22	1.2	0.069	2.80	29.9	21.3	0.96	1210	3.91	0.34	7.6	2.2	600
Q933148		3.04	15.80	0.21	1.2	0.053	2.78	22.6	9.8	0.72	613	2.33	2.19	7.9	2.3	600
Q933149		2.83	16.65	0.25	1.1	0.129	3.29	49.5	11.4	0.66	1340	1.32	0.59	7.6	1.7	580
Q933150		10.75	12.30	0.24	0.8	5.19	2.38	61.2	9.5	0.43	750	1.44	0.03	5.3	2.0	350
Q933151		0.49	0.28	0.15	<0.1	0.007	0.03	1.2	1.2	13.30	211	0.11	<0.01	0.2	1.2	200
Q933152		2.82	15.75	0.22	1.2	0.104	3.24	39.2	10.5	0.75	1280	1.74	0.71	7.3	2.1	580
Q933153		3.38	15.60	0.21	1.2	0.073	3.03	20.9	11.3	0.72	1490	2.46	1.11	7.5	2.4	540
Q933154		0.45	0.32	0.14	<0.1	0.007	0.03	1.3	1.3	13.10	194	0.05	0.01	0.2	1.2	180
Q933155		3.35	16.55	0.20	1.3	0.081	2.97	25.3	12.5	0.87	1420	2.13	0.86	8.2	4.2	650
Q933156		3.55	15.80	0.21	1.1	0.088	3.03	24.0	21.2	0.66	1840	1.25	0.72	7.6	2.1	550
Q933157		4.79	17.35	0.28	1.1	0.109	2.24	35.3	10.8	0.80	1120	15.55	2.18	7.8	3.3	590
Q933158		3.04	15.65	0.20	1.1	0.048	2.78	21.6	8.7	0.75	575	1.14	2.44	7.4	2.2	610
Q933159		3.13	15.95	0.24	1.1	0.068	3.03	29.4	18.7	0.99	1090	1.02	0.96	7.6	2.3	570
Q933160		3.01	16.90	0.21	1.2	0.055	2.87	24.5	31.2	0.64	614	1.13	1.03	8.2	2.3	630

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120287

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933125		194.5	122.5	<0.002	0.10	3.42	9.6	1	1.5	356	0.66	<0.05	13.3	0.245	1.26	3.9
Q933126		1295	171.5	<0.002	4.72	66.6	9.3	1	8.2	99.9	0.52	1.15	11.5	0.205	2.53	5.4
Q933127		97.6	145.0	<0.002	0.16	10.25	9.7	<1	1.7	187.5	0.68	0.12	13.1	0.247	1.80	4.3
Q933128		8260	140.5	<0.002	2.83	118.5	6.4	<1	2.1	75.1	0.41	0.17	8.7	0.154	2.79	5.0
Q933129		47.4	153.5	<0.002	0.57	12.85	9.1	1	1.6	94.5	0.61	0.19	12.0	0.232	2.82	4.8
Q933130		431	162.5	<0.002	1.29	9.25	8.7	<1	1.7	140.5	0.57	0.54	12.2	0.211	2.38	4.6
Q933131		23.4	115.0	<0.002	0.02	1.83	9.8	1	1.6	366	0.63	<0.05	12.6	0.250	1.21	4.0
Q933132		750	142.0	<0.002	1.01	11.10	9.3	<1	2.0	91.9	0.57	1.06	13.1	0.219	2.08	5.3
Q933133		16.3	121.0	<0.002	0.27	2.56	10.0	1	1.7	302	0.59	0.27	12.5	0.240	1.24	4.3
Q933134		18.7	113.5	<0.002	0.24	2.33	9.7	<1	1.6	306	0.65	0.24	12.3	0.242	1.32	4.1
Q933135		16.9	115.0	<0.002	0.11	1.97	9.7	<1	1.5	344	0.63	0.65	12.1	0.241	1.10	3.6
Q933136		191.0	142.0	<0.002	0.47	3.53	10.0	<1	1.8	262	0.65	0.40	12.8	0.233	1.65	4.2
Q933137		829	160.0	<0.002	0.70	6.61	9.0	1	1.9	195.5	0.55	0.07	13.2	0.214	2.37	5.3
Q933138		325	150.5	<0.002	0.87	13.60	9.3	1	1.7	93.7	0.61	0.55	13.7	0.223	2.34	5.1
Q933139		21.6	116.5	<0.002	0.18	2.74	10.6	1	1.7	318	0.63	0.14	12.6	0.256	1.18	5.0
Q933140		24.2	86.7	<0.002	0.16	4.60	10.0	1	1.7	199.0	0.70	0.07	11.8	0.267	1.29	3.7
Q933141		20.4	113.5	<0.002	0.01	1.58	10.3	1	1.4	356	0.65	<0.05	13.8	0.258	1.01	4.2
Q933142		21.5	114.5	<0.002	0.02	1.67	10.8	1	1.6	367	0.70	<0.05	13.4	0.266	1.12	4.4
Q933143		24.2	119.5	<0.002	0.07	4.96	9.6	1	1.6	280	0.68	0.14	12.5	0.248	1.52	4.5
Q933144		20.2	121.5	<0.002	0.04	2.93	10.3	1	1.5	354	0.70	0.06	13.2	0.262	1.17	4.5
Q933145		31.3	125.5	<0.002	0.17	3.97	9.2	1	1.4	308	0.62	0.13	12.1	0.248	1.70	4.3
Q933146		485	155.5	0.003	2.75	28.1	9.3	1	5.5	107.5	0.48	0.27	11.6	0.210	2.38	5.1
Q933147		18.1	164.0	<0.002	1.05	7.39	10.7	1	1.7	127.5	0.63	0.07	14.1	0.245	2.81	5.9
Q933148		18.0	113.5	<0.002	0.09	2.79	10.2	1	1.7	362	0.63	0.05	12.3	0.264	1.31	4.6
Q933149		84.2	209	<0.002	0.65	5.63	10.4	1	3.6	99.6	0.62	0.05	14.2	0.240	2.70	4.5
Q933150		4500	149.0	<0.002	>10.0	69.5	7.8	2	10.2	47.1	0.43	0.87	11.0	0.169	1.73	2.4
Q933151		3.2	1.5	<0.002	0.01	0.07	0.2	1	<0.2	46.3	<0.05	<0.05	0.3	<0.005	<0.02	0.5
Q933152		86.0	168.5	<0.002	0.59	3.27	9.7	1	2.5	150.5	0.64	0.24	12.8	0.240	2.39	3.6
Q933153		5700	140.5	<0.002	0.52	17.75	9.7	1	1.8	220	0.61	<0.05	12.4	0.235	2.04	4.8
Q933154		5.1	1.4	<0.002	<0.01	0.06	0.2	1	<0.2	50.1	<0.05	<0.05	0.4	<0.005	<0.02	0.6
Q933155		128.0	147.5	<0.002	0.32	6.68	11.5	1	1.9	235	0.64	<0.05	13.3	0.264	2.52	5.1
Q933156		133.0	152.5	<0.002	0.81	8.66	10.0	1	1.8	171.5	0.59	0.05	13.7	0.236	2.19	4.3
Q933157		43.4	121.5	0.002	0.96	2.30	11.8	1	2.5	237	0.61	0.43	15.0	0.247	1.30	5.0
Q933158		19.3	105.0	<0.002	0.03	1.28	9.9	1	1.6	373	0.58	<0.05	12.2	0.263	1.02	4.1
Q933159		26.6	156.5	<0.002	0.52	5.91	10.7	1	1.9	271	0.58	0.07	14.0	0.249	2.38	5.0
Q933160		23.7	125.0	<0.002	0.06	6.17	11.3	1	2.0	193.0	0.63	<0.05	13.3	0.272	1.39	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120287

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q933125		68	7.9	16.0	223	27.4	
Q933126		65	6.1	12.5	2430	28.5	
Q933127		68	3.0	15.0	1370	28.2	
Q933128		45	3.8	10.6	6250	18.6	
Q933129		67	3.8	13.2	88	26.6	
Q933130		63	2.5	12.9	1260	24.5	
Q933131		69	1.1	16.3	61	28.7	
Q933132		64	2.4	14.6	1120	25.1	
Q933133		66	1.6	15.6	57	27.7	
Q933134		69	1.6	15.1	60	27.5	
Q933135		69	1.2	15.3	59	27.2	
Q933136		66	1.8	15.5	310	27.7	
Q933137		57	3.2	15.1	993	28.3	
Q933138		60	2.3	14.9	325	29.5	
Q933139		67	1.7	15.8	45	31.2	
Q933140		69	2.5	15.0	37	32.6	
Q933141		68	1.2	17.2	40	33.8	
Q933142		70	1.3	17.6	41	34.4	
Q933143		66	1.2	15.6	51	31.4	
Q933144		69	2.5	16.7	44	31.6	
Q933145		66	3.2	14.5	61	26.2	
Q933146		67	5.3	11.7	869	29.2	
Q933147		67	3.6	14.7	48	30.2	
Q933148		70	1.3	15.5	42	32.0	
Q933149		66	6.9	12.9	148	27.7	
Q933150		60	11.6	7.7	>10000	20.3	3.24
Q933151		2	0.7	0.9	34	0.5	
Q933152		66	3.7	14.1	135	29.4	
Q933153		63	2.3	14.9	1610	29.5	
Q933154		2	0.1	1.0	18	<0.5	
Q933155		75	2.8	17.5	104	32.5	
Q933156		64	3.1	15.1	222	30.3	
Q933157		73	1.4	15.6	74	27.4	
Q933158		71	0.6	15.5	40	28.3	
Q933159		68	1.8	17.9	60	28.9	
Q933160		71	2.6	17.0	50	31.9	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120287

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	ME-OG62	PUL-31
PUL-31d	PUL-QC	Zn-OG62	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2014
Account: ROCKHA

CERTIFICATE WH14120288

Project: KLAZA

P.O. No.: BATCH 127

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

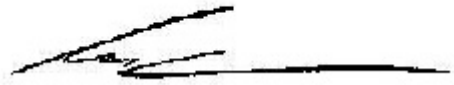
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120288

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q934159		1.81	0.320	56.0	6.43	1260	370	1.10	4.23	0.85	151.5	40.0	18.1	11	4.73	233
Q934160		8.26	0.016	1.52	7.58	39.6	1300	1.99	0.47	3.87	1.97	72.4	7.1	17	20.8	22.3
Q934161		0.94	0.085	2.18	7.12	266	710	1.52	1.36	1.25	2.32	45.1	7.0	9	18.25	32.0
Q934162		1.08	0.023	2.39	7.52	122.0	1060	1.64	0.77	2.07	5.36	61.1	7.6	9	12.45	35.3
Q934163		7.45	0.011	0.69	7.46	73.4	1380	1.58	0.33	2.47	0.99	55.8	7.7	11	23.7	18.9
Q934164		5.56	<0.005	0.01	0.11	0.2	30	0.08	0.02	21.1	0.09	1.19	1.2	2	0.39	2.5
Q934165		2.31	0.006	0.68	7.72	46.9	1290	1.68	0.17	2.50	0.30	64.8	8.1	11	23.5	11.7
Q934166		2.65	0.031	1.60	6.55	214	3850	1.30	0.34	3.12	2.61	48.6	6.6	9	21.4	20.8
Q934167		3.28	0.025	2.63	7.30	85.3	2110	1.76	0.72	2.02	4.52	57.7	6.9	12	17.20	35.2
Q934168		3.58	<0.005	0.28	7.33	24.8	1390	2.07	0.23	3.29	0.37	68.0	5.1	13	32.5	5.4
Q934169		<0.02	<0.005	0.24	7.58	25.0	1340	1.95	0.23	3.30	0.42	73.6	5.2	14	33.7	5.4
Q934170		3.39	<0.005	0.09	7.46	15.2	1080	2.37	0.24	3.58	0.26	72.6	4.8	12	33.1	4.5
Q934171		0.91	0.207	23.0	5.14	541	990	1.49	15.00	1.97	20.2	38.1	129.5	7	18.55	58.2
Q934172		0.91	<0.005	0.16	7.75	13.5	930	1.26	0.19	0.95	0.22	44.7	14.3	9	12.75	8.1
Q934173		5.52	0.006	0.34	7.32	126.0	2220	1.40	0.29	0.95	0.82	43.7	7.8	11	16.10	13.2
Q934174		2.06	<0.005	0.16	7.54	10.1	1760	1.26	0.20	0.85	0.22	51.1	8.1	10	17.20	8.2
Q934175		7.00	<0.005	0.29	7.36	11.8	1940	1.30	0.19	1.85	0.56	42.6	9.5	15	10.95	15.9
Q934176		2.02	<0.005	0.73	7.32	16.1	1720	1.53	0.21	1.89	0.16	47.7	12.2	11	13.10	8.6
Q934177		6.60	<0.005	0.37	7.39	12.3	1890	1.86	0.10	2.72	0.39	55.9	7.3	11	17.30	6.4
Q934178		0.90	0.019	5.96	6.74	217	1600	1.98	0.35	2.84	75.5	48.6	6.6	9	25.7	41.1
Q934179		5.52	<0.005	0.12	7.37	13.4	2300	1.62	0.34	2.34	0.14	46.5	7.5	10	18.15	2.8
Q934180		2.46	<0.005	0.17	7.03	10.8	2140	1.64	0.27	2.35	0.29	41.3	10.5	9	18.25	2.9
Q934181		5.81	<0.005	0.10	7.20	8.2	2190	1.79	0.16	2.51	0.14	45.5	10.6	13	11.00	4.6
Q934182		3.40	0.006	0.22	7.10	26.4	1850	1.69	0.89	2.09	0.21	42.0	11.2	11	22.0	10.1
Q934183		4.16	0.118	5.24	7.30	542	1940	1.62	5.32	2.39	1.16	52.6	9.0	9	22.4	98.1
Q934184		1.55	0.036	0.62	7.07	187.0	1160	1.58	0.52	2.51	1.92	44.6	7.0	8	25.9	31.9
Q934185		2.09	0.105	5.14	6.89	484	1110	2.13	2.36	3.31	6.00	66.4	9.6	17	24.8	57.6
Q934186		0.32	0.890	13.20	6.39	1545	130	1.50	14.00	1.86	36.3	48.5	19.2	19	15.40	277
Q934187		0.78	0.017	0.63	6.84	117.0	900	2.12	0.21	3.20	0.70	62.3	7.6	16	22.9	14.5
Q934188		4.73	0.010	0.27	6.77	72.7	2470	1.95	0.16	3.97	0.44	61.1	6.7	16	20.9	13.0
Q934189		5.14	<0.005	0.27	7.05	19.7	1130	2.14	0.16	3.17	0.30	62.0	7.6	17	22.7	12.0
Q934190		1.82	<0.005	0.23	7.28	21.4	2230	1.59	0.23	2.23	0.16	39.9	6.3	11	18.05	18.3
Q934191		0.37	0.321	4.83	6.65	712	380	1.54	3.76	2.06	12.15	54.9	13.2	25	15.20	307
Q934192		2.82	0.016	1.14	6.84	134.0	1870	1.60	1.38	5.91	2.60	55.6	23.5	9	13.60	137.0
Q934193		1.05	<0.005	0.20	7.41	40.4	2610	2.63	0.27	3.06	0.78	63.2	3.8	14	42.5	7.3
Q934194		5.51	<0.005	0.01	0.05	<0.2	40	0.05	0.02	21.4	0.07	1.22	0.7	1	0.17	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120288

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934159		6.61	15.25	0.19	0.9	3.99	3.07	19.6	9.8	0.47	947	3.43	0.03	6.2	3.2	480
Q934160		2.90	18.25	0.21	3.4	0.064	2.35	37.2	56.6	1.48	947	1.64	0.04	10.6	6.2	1080
Q934161		4.89	15.65	0.21	1.1	0.190	3.14	21.0	12.1	0.58	980	1.37	0.03	7.5	4.0	630
Q934162		3.78	16.40	0.22	1.3	0.236	2.77	31.6	239	0.84	2210	3.65	0.11	7.8	2.9	600
Q934163		2.93	17.25	0.19	1.1	0.075	2.52	26.4	46.8	0.83	1330	3.26	0.05	8.5	2.7	660
Q934164		0.51	0.52	0.16	<0.1	0.005	0.06	1.1	1.9	13.20	221	0.14	<0.01	0.4	1.7	190
Q934165		2.74	16.95	0.24	1.2	0.056	3.03	32.5	13.9	0.92	1110	2.07	0.04	8.5	3.1	630
Q934166		2.89	13.50	0.19	1.1	0.061	2.56	25.2	19.1	1.12	2040	6.55	0.05	6.8	2.6	470
Q934167		4.33	16.10	0.21	1.0	0.274	3.11	29.3	10.7	0.96	3320	9.10	0.03	7.4	3.0	560
Q934168		2.43	18.35	0.23	2.7	0.036	2.75	31.8	56.1	0.88	982	1.18	0.08	11.9	3.2	910
Q934169		2.44	18.75	0.25	2.6	0.035	2.77	35.1	57.5	0.90	1000	1.12	0.08	12.0	3.1	910
Q934170		2.66	18.70	0.28	2.6	0.037	2.66	34.8	56.6	0.84	847	1.03	0.08	11.8	2.8	920
Q934171		11.35	13.20	0.13	1.1	0.253	2.12	17.3	11.0	0.82	3500	3.36	0.03	6.6	4.3	390
Q934172		2.27	16.20	0.10	1.1	0.057	2.16	22.6	40.2	0.38	903	4.09	0.06	9.1	5.7	650
Q934173		2.97	17.55	0.11	1.2	0.086	2.66	21.8	29.8	0.43	875	3.79	0.08	8.8	3.0	620
Q934174		2.78	17.20	0.12	1.2	0.074	2.47	26.9	33.5	0.37	834	7.12	0.08	8.8	2.7	620
Q934175		2.71	18.15	0.11	1.3	0.077	2.76	20.0	33.1	0.58	623	2.62	0.15	9.2	2.8	650
Q934176		2.40	17.60	0.10	1.2	0.049	2.82	23.3	27.4	0.52	449	2.76	0.14	9.1	3.4	610
Q934177		3.09	17.55	0.15	1.3	0.053	2.71	28.4	19.8	0.76	633	2.96	1.31	9.4	2.7	600
Q934178		3.48	15.95	0.13	1.0	0.099	2.93	26.0	17.9	1.10	2100	1.26	0.07	7.7	2.7	530
Q934179		2.94	16.70	0.10	1.2	0.069	2.95	23.4	13.7	0.65	627	1.08	1.74	8.6	2.5	600
Q934180		2.92	16.65	0.12	1.1	0.075	2.85	20.1	20.2	0.66	611	0.94	1.32	8.6	2.7	580
Q934181		2.99	17.20	0.12	1.2	0.052	2.86	22.5	12.8	0.76	593	1.34	2.19	9.1	2.9	600
Q934182		3.29	17.35	0.10	1.1	0.140	2.49	21.2	19.7	0.71	720	2.03	1.42	9.5	2.8	640
Q934183		3.39	17.00	0.14	1.2	0.140	2.61	28.0	23.9	0.70	737	1.66	1.06	8.8	2.6	570
Q934184		2.64	16.20	0.09	1.1	0.184	2.13	22.6	49.6	0.73	958	6.53	0.06	8.3	2.2	580
Q934185		3.06	17.95	0.13	3.3	0.150	2.12	36.6	52.5	1.24	1030	1.88	0.04	10.1	6.1	1040
Q934186		6.42	16.80	0.12	1.1	0.883	2.83	25.2	21.5	0.75	1810	9.58	0.12	7.0	12.5	520
Q934187		2.16	18.55	0.12	3.2	0.040	2.36	33.3	54.5	1.08	988	2.21	0.04	10.3	6.0	990
Q934188		2.48	18.15	0.13	3.4	0.037	2.44	32.4	45.2	1.37	865	1.55	0.03	10.2	5.7	990
Q934189		2.50	19.30	0.12	3.6	0.038	2.55	32.0	48.2	1.16	792	2.56	0.04	11.0	6.5	1060
Q934190		2.73	17.15	0.12	1.2	0.055	3.09	19.0	23.9	0.64	510	4.03	0.82	8.8	3.1	610
Q934191		4.97	16.85	0.14	1.2	0.346	2.91	31.0	28.1	0.77	1900	14.95	0.15	6.8	14.8	520
Q934192		3.11	15.15	0.12	1.1	0.112	3.06	31.3	24.6	0.76	3200	2.55	0.09	7.7	2.5	550
Q934193		2.64	21.3	0.13	3.0	0.041	2.55	31.1	32.0	0.81	896	1.10	0.08	14.6	2.3	1010
Q934194		0.48	0.18	0.10	<0.1	<0.005	0.02	0.6	1.2	13.50	211	0.12	<0.01	0.1	1.7	180

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120288

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934159		4530	196.0	0.004	7.41	65.7	9.1	1	12.1	14.3	0.49	1.25	10.2	0.211	2.51	3.1
Q934160		153.0	155.5	<0.002	0.39	8.67	7.5	1	1.6	299	0.71	<0.05	11.2	0.302	2.95	7.2
Q934161		264	205	<0.002	4.48	9.80	10.6	1	6.1	78.5	0.56	<0.05	12.0	0.250	2.91	4.2
Q934162		450	169.5	<0.002	1.67	9.38	11.4	1	3.4	99.6	0.66	<0.05	15.8	0.242	2.47	6.6
Q934163		101.5	114.5	<0.002	0.42	7.54	11.3	1	1.9	124.0	0.67	<0.05	14.6	0.277	2.35	4.9
Q934164		1.7	3.5	<0.002	<0.01	0.06	0.4	1	<0.2	42.4	<0.05	<0.05	0.4	<0.005	0.02	0.8
Q934165		26.0	141.0	<0.002	0.55	6.44	11.5	1	1.9	138.0	0.64	<0.05	17.6	0.266	2.87	10.0
Q934166		147.0	141.0	<0.002	0.73	12.70	8.7	1	1.8	142.5	0.64	<0.05	15.5	0.203	2.12	5.7
Q934167		250	180.0	0.003	1.01	12.90	10.5	1	3.7	88.2	0.60	0.12	15.1	0.234	2.55	10.4
Q934168		33.6	95.4	<0.002	0.07	6.14	6.2	1	1.7	317	0.79	<0.05	10.5	0.264	1.71	7.6
Q934169		35.0	105.5	<0.002	0.07	6.04	6.4	1	1.7	321	0.79	<0.05	11.1	0.269	1.72	7.7
Q934170		26.2	110.0	<0.002	0.02	7.43	6.2	1	1.6	373	0.78	<0.05	11.2	0.269	1.53	7.0
Q934171		3610	129.5	0.002	>10.0	21.1	6.6	2	5.6	132.5	0.51	3.00	8.1	0.166	1.90	8.9
Q934172		19.2	97.3	<0.002	0.17	20.0	10.4	1	2.0	72.3	0.76	<0.05	13.4	0.272	1.15	4.9
Q934173		26.4	119.0	<0.002	0.23	22.8	11.6	1	2.1	79.6	0.74	<0.05	12.8	0.267	1.56	3.9
Q934174		18.9	110.5	0.002	0.08	25.7	11.3	1	2.0	79.4	0.71	<0.05	14.4	0.269	1.29	3.3
Q934175		36.0	91.6	<0.002	0.09	6.42	11.6	1	3.3	126.0	0.78	<0.05	11.5	0.272	1.43	3.4
Q934176		19.6	109.0	<0.002	0.11	11.20	10.4	1	1.8	110.5	0.81	<0.05	12.9	0.263	1.74	3.8
Q934177		34.0	117.0	<0.002	0.06	5.45	12.0	1	2.0	298	0.82	<0.05	14.4	0.273	1.46	4.3
Q934178		1325	145.5	<0.002	0.69	12.55	10.2	1	3.0	114.5	0.65	<0.05	12.6	0.236	2.93	10.9
Q934179		18.7	116.5	<0.002	0.08	3.91	10.4	1	1.8	287	0.72	<0.05	13.2	0.259	1.57	5.6
Q934180		25.3	99.5	<0.002	0.10	3.94	10.2	1	1.7	267	0.75	<0.05	12.0	0.260	1.45	3.4
Q934181		18.4	104.0	<0.002	0.09	2.15	10.9	1	1.9	389	0.76	<0.05	13.1	0.261	1.36	4.1
Q934182		18.4	106.0	<0.002	0.46	5.75	11.1	1	2.5	244	0.78	0.06	12.9	0.272	1.61	4.6
Q934183		88.9	120.0	<0.002	0.51	19.95	10.9	2	2.4	208	0.76	0.13	14.7	0.252	1.58	3.8
Q934184		76.3	79.9	0.002	0.37	13.15	10.2	1	4.9	133.5	0.73	0.05	13.0	0.252	1.58	6.0
Q934185		460	139.5	<0.002	1.05	24.1	7.0	1	2.8	527	0.71	0.05	10.1	0.276	2.79	7.5
Q934186		1305	169.0	<0.002	4.58	68.8	10.0	3	8.7	102.5	0.58	1.46	11.9	0.207	2.78	5.9
Q934187		45.5	123.0	<0.002	0.43	10.95	7.4	1	2.2	448	0.73	<0.05	10.0	0.281	2.95	6.1
Q934188		28.9	141.0	<0.002	0.19	8.69	6.9	1	1.6	313	0.75	<0.05	9.4	0.273	3.42	4.7
Q934189		29.5	132.0	<0.002	0.24	10.20	7.2	1	1.5	223	0.79	<0.05	9.3	0.295	3.70	5.2
Q934190		21.2	116.5	<0.002	0.17	7.74	10.2	1	1.7	206	0.75	<0.05	10.7	0.265	1.97	3.6
Q934191		489	169.5	0.002	2.68	30.3	10.0	2	6.1	115.5	0.54	0.30	12.3	0.205	2.69	5.7
Q934192		87.2	164.0	<0.002	1.27	15.70	11.0	1	1.7	154.0	0.67	0.16	13.4	0.230	2.60	6.7
Q934193		27.6	83.9	<0.002	0.07	10.10	6.8	1	2.0	211	0.95	<0.05	10.2	0.296	2.26	8.5
Q934194		2.3	1.0	<0.002	<0.01	0.11	0.2	<1	0.2	53.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120288

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q934159		62	7.4	7.3	>10000	20.9	0.995
Q934160		63	2.5	14.5	186	133.5	
Q934161		67	5.9	8.9	203	31.7	
Q934162		69	6.5	14.8	610	28.7	
Q934163		76	5.9	15.6	151	27.9	
Q934164		4	0.1	0.8	15	<0.5	
Q934165		73	5.6	16.3	66	29.4	
Q934166		57	4.2	14.3	316	26.6	
Q934167		67	4.5	15.6	447	27.2	
Q934168		54	2.2	13.4	85	89.8	
Q934169		54	2.2	14.0	85	93.8	
Q934170		51	1.3	14.1	88	89.8	
Q934171		44	9.0	9.5	1440	33.9	
Q934172		54	13.4	14.1	62	26.6	
Q934173		71	8.8	14.3	100	28.3	
Q934174		71	12.1	15.6	74	27.7	
Q934175		78	4.0	15.5	91	28.6	
Q934176		71	9.0	13.6	45	29.7	
Q934177		76	4.2	18.1	64	29.6	
Q934178		63	4.1	16.5	4880	23.3	
Q934179		68	2.1	15.0	55	26.5	
Q934180		69	1.5	14.4	58	26.3	
Q934181		71	1.2	16.6	46	28.1	
Q934182		73	2.9	15.2	62	26.3	
Q934183		67	4.2	16.4	110	26.8	
Q934184		66	3.2	14.2	162	25.5	
Q934185		58	3.0	13.2	425	123.5	
Q934186		62	9.6	12.4	2360	30.3	
Q934187		60	3.8	13.7	102	123.5	
Q934188		57	2.5	13.2	73	125.0	
Q934189		62	2.4	13.8	91	134.5	
Q934190		71	3.5	12.8	115	29.4	
Q934191		64	6.0	12.9	871	31.4	
Q934192		64	3.9	21.5	241	24.5	
Q934193		56	2.3	15.2	126	100.5	
Q934194		2	0.1	0.8	15	<0.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120288

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	PUL-31
	PUL-31d	PUL-QC	Zn-OG62	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

CERTIFICATE WH14120289

Project: KLAZA

P.O. No.: BATCH 134

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

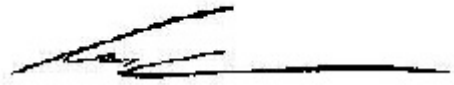
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120289

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933161		6.84	0.009	0.47	7.13	21.6	2210	1.56	0.25	2.55	2.68	41.4	4.7	10	13.20	6.0
Q933162		2.49	<0.005	0.09	7.77	6.9	2350	1.58	0.25	2.13	0.11	49.4	6.4	10	19.40	4.5
Q933163		4.90	0.005	0.19	7.00	16.0	1860	1.36	0.25	1.79	0.19	37.7	7.1	8	17.70	7.9
Q933164		2.43	<0.005	0.18	7.20	15.1	2570	1.48	0.31	1.73	0.26	42.0	8.0	9	19.25	9.8
Q933165		6.84	<0.005	0.12	7.27	10.4	2530	1.68	0.26	2.42	0.12	41.3	7.6	9	17.05	5.0
Q933166		4.80	0.096	1.40	6.83	39.0	1230	1.55	0.24	2.92	8.16	36.8	7.8	9	14.25	10.1
Q933167		9.90	0.008	0.38	7.76	13.8	1550	1.45	0.44	1.95	0.49	49.1	5.4	9	12.25	8.5
Q933168		4.62	<0.005	0.25	7.47	12.3	1080	1.23	0.38	2.45	0.43	37.8	5.0	9	10.20	6.3
Q933169		0.32	0.342	4.60	7.08	751	670	1.40	3.57	2.15	10.95	50.4	12.9	26	13.70	326
Q933170		2.08	0.075	2.80	6.75	65.0	960	1.49	1.51	2.17	19.30	48.2	8.4	7	8.61	34.1
Q933171		4.15	0.006	0.35	7.24	7.0	2360	1.42	0.85	3.06	0.10	39.7	5.7	9	7.81	3.2
Q933172		4.71	0.217	4.88	7.53	120.5	760	1.57	4.71	2.69	8.77	68.7	13.7	8	7.80	89.6
Q933173		6.04	0.011	0.12	7.37	6.0	2030	1.41	0.77	2.72	0.12	47.5	3.1	10	9.13	5.8
Q933174		5.77	0.118	2.64	7.40	49.8	1120	1.48	1.89	2.64	6.03	65.8	13.4	8	10.30	13.4
Q933175		6.16	0.305	10.35	6.76	195.0	790	1.49	1.22	2.13	38.5	45.8	6.8	9	12.90	233
Q933176		5.55	<0.005	0.01	0.05	<0.2	30	0.06	0.01	20.3	0.08	1.03	0.8	1	0.13	1.8
Q933177		3.38	0.025	1.52	6.90	55.7	1690	1.46	0.37	2.76	7.55	39.3	6.7	10	17.45	23.2
Q933178		8.84	0.010	0.19	7.04	19.8	2470	1.49	0.39	2.82	0.22	42.1	8.1	11	19.05	12.3
Q933179		8.80	<0.005	0.16	7.25	7.0	2490	1.42	0.42	2.61	0.28	42.6	7.6	11	16.20	10.9
Q933180		0.31	0.914	12.35	6.54	1555	1090	1.29	12.30	1.85	32.7	45.9	17.8	18	13.65	280
Q933181		4.56	0.029	0.45	7.04	60.9	1910	1.43	0.37	2.52	0.91	42.1	6.7	9	17.75	14.1
Q933182		2.01	0.735	50.9	6.25	1180	1030	1.33	0.87	2.07	231	43.0	8.1	10	16.45	128.5
Q933183		7.75	0.066	0.71	6.76	278	1100	1.48	0.43	2.74	0.96	41.0	6.8	7	19.35	9.5
Q933184		2.76	0.245	15.05	6.84	164.5	520	1.32	5.58	1.57	50.1	46.8	27.9	6	14.10	67.6
Q933185		9.84	<0.005	0.21	6.98	11.1	1940	1.20	0.73	2.23	0.83	38.1	7.7	9	14.20	8.8
Q933186		<0.02	<0.005	0.18	7.31	10.2	1970	1.26	0.71	2.24	0.47	39.5	8.0	9	15.25	9.1
Q933187		6.75	0.005	0.17	6.99	13.6	1910	1.37	0.57	2.24	0.25	39.2	8.5	8	18.30	10.1
Q933188		4.29	0.019	0.35	6.59	34.6	1080	1.46	0.62	2.92	0.22	40.2	7.2	8	18.85	7.2
Q933189		5.88	<0.005	0.15	6.94	5.8	3260	1.48	0.70	2.49	0.13	45.8	7.6	10	12.85	6.3
Q933190		6.97	0.019	0.21	7.46	8.7	1930	1.51	0.73	2.50	0.58	49.4	7.8	10	11.95	6.1
Q933191		6.57	0.009	0.20	7.43	5.5	750	1.40	1.02	2.36	0.11	53.6	9.1	10	9.97	7.3
Q933192		5.56	<0.005	0.01	0.06	<0.2	20	<0.05	0.03	19.70	0.06	1.40	0.8	1	0.13	2.7
Q933193		4.21	<0.005	0.20	7.42	8.3	2390	1.48	0.75	2.67	0.09	56.4	10.0	14	13.35	14.3
Q933194		7.00	<0.005	0.09	7.22	5.9	2240	1.63	0.42	2.34	0.10	59.2	7.9	13	13.95	5.8
Q933195		8.22	0.005	0.15	6.78	6.0	1730	1.42	0.73	2.49	0.06	47.9	7.5	9	10.95	3.9
Q933196		5.07	0.015	0.27	6.76	28.6	1850	1.65	0.65	2.20	0.16	48.9	13.6	9	19.25	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120289

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933161		3.53	16.15	0.15	0.8	0.063	2.86	20.5	126.0	0.85	1200	0.39	0.21	7.1	2.3	600
Q933162		3.22	17.20	0.17	1.0	0.052	2.91	25.1	30.2	0.66	472	0.50	1.85	8.3	2.7	640
Q933163		2.91	15.40	0.13	1.0	0.049	2.44	18.3	260	0.59	859	4.23	0.12	7.3	2.1	580
Q933164		2.89	16.05	0.14	0.9	0.053	2.41	21.4	283	0.58	864	0.89	0.11	7.4	2.5	570
Q933165		3.30	17.00	0.16	1.1	0.056	2.56	20.3	104.5	0.70	539	5.98	1.72	8.6	2.7	590
Q933166		3.10	16.25	0.14	1.1	0.062	2.66	17.4	146.0	0.72	872	0.89	0.70	7.8	2.5	590
Q933167		3.36	16.80	0.16	1.3	0.061	2.46	25.0	95.0	0.77	1030	0.27	0.16	7.9	2.5	640
Q933168		2.60	17.90	0.12	1.1	0.061	2.24	18.2	48.4	0.73	1060	0.35	0.10	7.9	2.4	630
Q933169		5.26	16.05	0.15	1.1	0.309	3.06	28.1	29.7	0.83	2000	13.85	0.16	6.5	15.0	540
Q933170		3.04	15.10	0.13	1.0	0.217	2.68	25.5	30.2	0.60	1820	0.44	0.46	7.3	2.3	570
Q933171		3.23	16.30	0.16	0.9	0.055	2.48	18.6	14.3	0.80	1180	0.21	2.08	7.8	2.5	600
Q933172		4.97	17.70	0.17	1.0	0.312	3.38	37.7	15.7	0.86	2420	0.17	0.43	7.3	2.8	620
Q933173		2.98	16.20	0.17	1.0	0.046	2.40	24.5	9.2	0.77	682	0.25	2.18	7.6	2.1	590
Q933174		3.79	16.80	0.17	1.0	0.152	3.23	38.3	29.6	0.82	2240	0.24	0.15	7.6	2.5	590
Q933175		4.07	15.30	0.16	1.0	0.410	3.11	23.5	22.3	0.60	2390	0.49	0.10	7.1	2.1	530
Q933176		0.46	0.28	0.17	<0.1	<0.005	0.02	0.5	1.3	13.05	195	0.11	<0.01	0.1	1.3	180
Q933177		3.03	16.30	0.16	1.1	0.091	3.10	18.0	11.7	0.68	1660	0.54	1.18	8.0	2.2	570
Q933178		3.14	16.95	0.18	1.1	0.071	2.81	19.8	23.4	0.75	999	0.55	1.39	8.4	2.5	600
Q933179		3.05	16.65	0.17	1.1	0.059	2.74	20.3	12.9	0.77	711	0.52	2.11	8.0	2.5	600
Q933180		6.50	15.65	0.17	1.1	0.815	2.85	24.7	21.0	0.78	1810	9.15	0.13	6.6	12.3	530
Q933181		3.64	16.25	0.15	1.0	0.094	3.67	20.2	24.0	0.68	1870	0.60	0.71	7.6	2.2	580
Q933182		4.27	13.90	0.15	1.0	0.861	2.54	21.7	26.8	0.74	2490	4.60	0.02	6.5	2.7	490
Q933183		2.84	14.60	0.14	1.1	0.039	2.88	20.1	55.3	0.86	1840	2.86	0.03	7.2	2.2	550
Q933184		4.82	14.60	0.16	1.0	0.512	2.89	25.2	48.2	0.63	1250	4.36	0.05	6.2	2.7	510
Q933185		3.08	16.70	0.15	1.3	0.043	2.48	17.4	47.5	0.60	856	0.62	0.12	8.4	2.2	610
Q933186		3.10	17.35	0.18	1.2	0.039	2.49	18.8	48.5	0.62	848	0.70	0.12	8.7	2.2	630
Q933187		3.15	16.55	0.17	1.3	0.035	2.69	18.3	63.0	0.69	635	0.81	0.62	8.5	2.4	620
Q933188		3.14	14.65	0.16	1.1	0.043	2.75	20.0	75.1	0.85	926	1.50	0.13	7.0	2.2	570
Q933189		3.06	16.35	0.19	1.3	0.039	2.58	22.5	13.2	0.77	714	2.20	1.60	8.2	2.4	600
Q933190		3.10	16.70	0.18	1.2	0.039	2.50	25.5	15.1	0.85	565	1.13	1.76	8.2	2.5	610
Q933191		3.81	15.25	0.18	1.8	0.040	2.93	26.5	24.5	0.86	631	1.30	1.34	7.9	4.7	1290
Q933192		0.45	0.30	0.22	<0.1	<0.005	0.02	0.7	1.6	12.55	195	0.24	0.01	0.2	1.6	200
Q933193		3.66	15.70	0.15	2.1	0.048	3.04	26.8	25.4	1.05	790	0.69	1.51	8.3	6.5	1260
Q933194		2.96	15.80	0.13	1.2	0.041	2.59	29.4	18.6	0.83	544	0.48	2.13	7.6	2.6	610
Q933195		3.15	15.15	0.15	1.2	0.046	2.66	23.8	15.9	0.74	664	0.54	1.20	6.6	2.5	570
Q933196		3.11	14.75	0.13	1.2	0.050	3.03	24.6	193.5	0.71	1150	0.72	0.06	6.9	2.4	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120289

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933161		172.5	118.5	<0.002	0.49	15.20	10.2	1	2.5	146.0	0.50	0.05	9.1	0.232	2.18	3.3
Q933162		20.3	118.5	<0.002	0.05	7.20	11.6	1	2.2	284	0.58	<0.05	10.7	0.269	1.28	2.7
Q933163		28.4	80.5	<0.002	0.14	29.0	9.4	1	1.9	136.5	0.55	<0.05	9.5	0.247	1.23	2.3
Q933164		30.0	88.7	<0.002	0.18	30.6	10.0	1	1.9	139.5	0.55	<0.05	10.6	0.241	1.34	2.2
Q933165		18.4	91.3	<0.002	0.11	11.55	10.4	1	2.0	283	0.72	<0.05	11.5	0.265	1.23	3.3
Q933166		410	91.0	<0.002	0.48	12.00	9.6	1	2.5	162.0	0.61	<0.05	9.4	0.235	1.61	3.9
Q933167		46.6	85.3	<0.002	0.26	21.8	10.2	1	2.4	108.0	0.66	0.20	12.1	0.244	1.38	2.8
Q933168		35.8	68.4	<0.002	0.17	17.65	8.9	1	2.2	116.0	0.63	0.08	9.3	0.238	1.46	2.3
Q933169		499	162.0	0.003	2.82	29.2	9.6	1	5.8	110.0	0.52	0.29	11.8	0.213	2.56	5.4
Q933170		405	120.5	<0.002	1.63	10.60	9.6	1	4.4	89.6	0.56	0.43	10.5	0.229	2.20	4.4
Q933171		16.7	99.2	<0.002	0.54	2.28	10.5	1	2.4	278	0.62	0.46	10.6	0.252	1.74	3.6
Q933172		648	165.5	<0.002	3.28	9.59	10.5	1	6.0	96.9	0.58	1.18	11.4	0.232	2.72	4.1
Q933173		18.4	103.0	<0.002	0.28	1.76	10.7	1	2.3	322	0.59	0.44	12.3	0.239	1.40	4.0
Q933174		396	169.0	<0.002	2.07	5.06	11.5	1	3.8	102.0	0.61	0.85	12.6	0.242	2.67	4.3
Q933175		1900	148.0	<0.002	2.47	17.40	9.6	1	4.5	96.7	0.56	0.17	11.7	0.223	2.61	4.0
Q933176		3.1	1.0	<0.002	0.01	0.06	0.2	1	<0.2	46.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q933177		572	115.0	<0.002	0.68	4.46	9.5	1	3.3	245	0.64	0.14	10.3	0.245	2.13	3.6
Q933178		47.4	104.5	<0.002	0.39	7.32	10.4	1	1.9	409	0.63	0.05	10.3	0.261	1.77	3.5
Q933179		27.0	103.0	<0.002	0.41	1.83	10.1	1	1.8	513	0.61	0.10	10.0	0.251	1.43	3.3
Q933180		1300	160.0	<0.002	4.60	64.9	9.4	2	8.1	96.2	0.52	1.41	11.5	0.207	2.59	5.4
Q933181		54.4	161.0	<0.002	0.72	6.97	9.8	1	2.4	215	0.57	0.09	10.6	0.243	2.78	3.6
Q933182		>10000	145.0	<0.002	4.04	78.7	9.6	1	4.3	124.0	0.49	0.13	10.2	0.210	2.77	5.2
Q933183		59.5	119.5	<0.002	0.95	17.05	9.0	1	1.8	148.5	0.58	0.06	10.6	0.239	2.84	4.4
Q933184		3740	151.5	<0.002	3.80	20.1	9.4	1	3.9	106.0	0.49	0.53	11.5	0.199	2.30	5.5
Q933185		65.0	70.6	<0.002	0.37	16.40	9.6	1	2.0	138.5	0.67	0.08	10.1	0.268	1.39	2.3
Q933186		57.7	81.5	<0.002	0.37	16.90	10.4	1	2.1	141.0	0.69	0.06	11.0	0.268	1.46	2.6
Q933187		30.6	92.5	<0.002	0.51	9.86	10.3	1	2.0	229	0.67	0.11	10.2	0.261	1.57	3.0
Q933188		21.6	108.5	<0.002	0.86	12.90	9.7	1	2.1	167.5	0.53	0.08	10.5	0.226	2.05	3.9
Q933189		20.9	100.0	<0.002	0.56	3.39	10.4	1	2.1	430	0.64	0.09	11.0	0.248	1.60	3.5
Q933190		51.4	105.0	<0.002	0.97	2.04	11.3	1	2.5	730	0.63	0.11	11.7	0.259	1.41	3.9
Q933191		26.2	125.5	<0.002	2.18	2.28	7.2	1	3.5	759	0.67	0.17	14.0	0.231	1.75	5.1
Q933192		2.3	1.0	<0.002	<0.01	0.06	0.2	1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933193		18.4	126.0	<0.002	1.03	4.13	9.8	1	3.2	2680	0.73	0.09	15.6	0.274	1.72	6.2
Q933194		17.7	114.0	<0.002	0.66	1.43	12.0	1	2.2	3290	0.61	0.05	15.4	0.258	1.28	4.8
Q933195		17.5	129.5	<0.002	1.50	2.77	10.7	1	2.2	1190	0.53	0.13	11.9	0.219	1.68	4.2
Q933196		20.1	154.0	<0.002	1.30	15.50	10.4	<1	2.4	249	0.57	0.09	12.4	0.234	2.32	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120289

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
Q933161		69	2.1	12.6	194	21.0		
Q933162		73	1.6	16.5	42	25.9		
Q933163		68	3.0	13.0	55	25.4		
Q933164		69	3.0	13.6	55	24.5		
Q933165		70	2.1	15.1	46	28.4		
Q933166		68	1.7	13.1	671	28.4		
Q933167		67	2.0	14.4	93	33.2		
Q933168		69	1.7	13.5	89	30.4		
Q933169		70	5.8	12.0	926	30.3		
Q933170		64	1.7	12.2	2380	24.3		
Q933171		71	1.1	12.0	51	24.4		
Q933172		67	2.5	11.8	965	24.9		
Q933173		70	0.9	15.1	46	25.7		
Q933174		67	2.2	13.7	668	25.9		
Q933175		62	2.3	11.6	3780	25.9		
Q933176		2	0.1	0.7	19	<0.5		
Q933177		68	1.6	13.3	722	28.4		
Q933178		72	1.7	15.4	64	27.8		
Q933179		69	1.0	14.9	59	26.7		
Q933180		62	5.9	11.6	2420	29.0		
Q933181		66	2.3	13.3	104	27.1		
Q933182		61	6.3	12.0	>10000	24.9	1.420	1.570
Q933183		65	3.7	12.0	124	26.5		
Q933184		60	3.3	12.3	3410	26.5		
Q933185		73	3.0	13.4	109	32.1		
Q933186		74	3.2	15.2	79	32.3		
Q933187		71	2.3	14.0	61	34.2		
Q933188		65	3.2	14.1	55	28.9		
Q933189		68	1.9	14.4	51	33.9		
Q933190		71	2.5	15.5	69	33.9		
Q933191		68	4.3	14.5	36	58.6		
Q933192		2	0.1	0.8	14	<0.5		
Q933193		79	4.9	19.8	49	77.8		
Q933194		71	2.9	18.6	42	32.3		
Q933195		66	2.8	13.5	38	31.9		
Q933196		65	5.4	13.2	49	31.8		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120289

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Pb-OG62
	PUL-31	PUL-31d	PUL-QC	Zn-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
This copy reported on 29-AUG-2014
Account: ROCKHA

CERTIFICATE WH14120882

Project: ROCKHA_WH14111984

P.O. No.: Batch 92

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Re-analysis Results for samples originally reported on certificate WH14111984***

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14111984

CERTIFICATE OF ANALYSIS WH14120882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
Q927277		0.19	7.37	28.3	4200	1.57	0.74	2.92	0.07	45.1	5.3	11	17.65	9.1	3.58	15.85
Q927278		0.38	7.51	30.3	2100	1.43	1.07	2.76	0.12	48.1	6.9	9	15.55	64.6	4.14	16.35
Q927279		0.33	7.66	37.6	1910	1.53	0.94	2.70	0.13	53.7	6.3	11	14.95	101.0	4.21	16.70
Q927280		0.06	8.97	11.9	1450	1.51	2.06	3.33	0.07	103.0	2.3	7	33.5	1.7	6.58	28.4
Q927281		0.17	7.19	13.0	3030	1.39	0.77	2.75	0.08	42.0	5.7	12	12.25	6.7	3.86	17.00
Q927282		1.43	5.62	44.2	180	1.55	0.21	2.15	0.58	46.4	6.0	20	22.4	11.6	1.88	12.95
Q927283		0.76	7.20	30.8	1980	1.45	0.69	3.76	0.31	52.0	5.4	12	20.8	22.3	2.62	14.85
Q927284		2.87	5.24	209	1840	1.51	0.35	5.15	0.82	35.8	5.9	9	18.20	12.4	2.49	10.65
Q927285		0.84	7.69	27.8	7260	2.10	0.12	2.98	0.57	72.0	9.4	43	28.7	15.6	3.42	18.20
Q927286		4.67	6.88	694	300	1.43	3.42	2.06	10.30	50.0	12.1	24	13.00	314	5.07	14.75
Q927287		1.65	7.05	107.5	3340	1.57	0.61	3.29	1.81	49.2	8.0	12	20.5	42.7	3.19	15.85
Q927288		0.25	7.42	21.1	1290	1.59	0.45	3.23	0.08	49.9	5.7	11	18.55	9.3	2.98	16.10
Q927289		0.14	7.48	11.2	2570	1.61	0.69	2.56	0.08	42.2	6.3	14	14.60	25.4	3.17	16.60
Q927290		0.19	7.57	10.1	2420	1.62	0.61	2.58	0.12	51.4	6.1	12	9.80	27.4	2.98	16.15
Q927291		0.20	7.66	10.7	2460	1.64	0.65	2.59	0.10	52.2	6.5	16	10.15	23.2	3.02	16.65
Q927292		1.36	7.39	298	1650	1.52	0.49	2.53	4.75	46.8	6.4	13	15.75	73.8	3.10	15.85
Q927293		0.39	7.33	31.3	3230	1.62	0.50	1.88	0.30	44.5	5.2	13	18.90	178.5	2.74	16.05
Q927294		1.56	7.04	165.0	2480	1.53	0.34	2.71	2.75	40.4	6.7	10	18.65	22.9	3.19	15.65
Q927295		0.57	6.89	37.7	2250	1.52	0.53	2.52	0.46	39.9	6.2	10	21.9	46.2	3.17	15.20
Q927296		0.15	7.08	16.8	1140	1.94	0.28	2.77	0.14	50.9	5.6	29	32.3	12.7	2.14	19.55
Q927297		0.04	7.17	11.5	1870	2.09	0.10	3.20	0.09	49.5	5.7	21	35.4	6.6	2.28	19.75
Q927298		0.09	6.76	14.1	1040	2.06	0.10	2.84	0.06	45.7	5.6	25	35.0	7.9	2.12	19.50
Q927299		0.22	6.76	20.3	1180	1.97	0.17	3.08	0.12	46.9	5.9	32	30.0	15.7	2.18	19.55
Q927300		1.53	6.88	160.0	2130	1.59	2.36	2.47	6.01	46.4	3.7	10	25.3	15.9	3.27	15.70
Q927301		0.01	0.05	<0.2	20	<0.05	0.03	20.4	0.05	1.10	0.7	1	0.14	1.8	0.46	0.29
Q927302		2.75	7.13	292	2770	1.64	0.47	2.25	6.06	49.9	4.6	11	22.2	26.1	3.18	15.40
Q927303		1.46	7.89	68.6	2180	1.52	0.44	1.13	0.91	54.8	4.2	10	20.3	23.3	3.04	16.55
Q927304		0.32	6.91	23.0	2220	1.30	0.47	2.32	0.27	43.2	5.0	11	16.85	12.9	3.01	14.70
Q927305		12.75	7.22	1710	130	1.54	13.80	2.07	35.4	49.0	18.7	20	14.85	321	7.18	16.20
Q927306		0.14	7.40	14.6	2600	1.56	0.23	2.39	0.17	45.2	5.5	12	12.00	12.9	3.04	15.45
Q927307		0.41	7.39	50.6	2240	1.50	0.66	2.17	0.33	43.0	4.8	11	13.05	14.0	3.13	14.75
Q927308		0.34	7.50	17.1	2760	1.50	0.67	1.84	0.20	47.6	3.9	12	9.04	20.7	3.35	14.95
Q927309		0.44	7.44	23.2	2100	1.14	1.35	1.12	0.13	52.4	14.2	10	8.20	20.6	4.12	14.90
Q927310		0.01	0.06	0.2	20	0.06	0.03	20.8	0.05	1.19	0.7	1	0.12	2.2	0.47	0.29
Q927311		0.24	7.82	19.3	2980	1.44	0.59	1.81	0.12	53.1	4.5	13	9.27	32.2	3.79	15.55
Q927312		0.16	7.68	39.4	2790	1.55	0.67	2.03	0.16	46.8	3.2	18	13.05	7.5	3.25	15.90

Comments: ***Re-analysis Results for samples originally reported on certificate WH14111984***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14111984

CERTIFICATE OF ANALYSIS WH14120882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
Q927277		0.15	1.1	0.130	3.20	22.6	69.8	1.12	1570	1.39	0.21	7.4	2.7	570	13.1	119.0
Q927278		0.16	1.2	0.160	3.04	25.0	54.6	1.01	1540	0.87	0.82	8.0	2.6	610	13.7	128.0
Q927279		0.16	1.1	0.165	3.14	27.5	46.8	1.01	1450	1.00	0.89	7.5	2.5	590	12.7	130.0
Q927280		0.16	0.9	0.448	2.70	50.6	38.4	0.95	2000	0.32	2.68	7.0	3.3	600	13.8	108.5
Q927281		0.17	1.2	0.158	2.65	20.5	20.8	0.94	1240	1.27	1.97	8.0	2.6	610	11.8	97.5
Q927282		0.18	1.8	0.037	2.00	24.7	90.0	0.76	1460	3.12	0.03	6.8	5.0	760	27.9	102.5
Q927283		0.25	1.3	0.078	2.61	29.1	79.3	1.42	1780	3.36	0.02	7.4	2.3	550	19.1	145.0
Q927284		0.18	1.0	0.044	2.10	19.7	36.1	1.92	2610	2.85	0.02	5.4	3.0	420	73.7	115.5
Q927285		0.23	4.2	0.039	1.65	36.1	252	1.15	1260	1.61	0.03	11.0	15.0	1740	27.3	80.0
Q927286		0.14	1.0	0.297	3.01	28.4	25.4	0.79	1900	15.80	0.15	6.2	14.3	520	480	168.5
Q927287		0.18	1.2	0.085	3.24	25.9	57.4	1.09	2530	1.74	0.06	7.9	3.7	600	170.5	161.5
Q927288		0.22	1.2	0.083	2.82	25.8	73.9	1.14	1360	1.19	0.05	8.6	2.5	700	16.4	127.0
Q927289		0.22	1.2	0.109	3.35	20.6	24.0	0.72	906	1.50	1.72	8.5	2.6	620	15.6	136.0
Q927290		0.25	1.2	0.059	3.17	26.8	9.0	0.81	980	1.95	1.96	8.3	2.6	610	28.1	137.0
Q927291		0.26	1.3	0.064	3.26	27.2	9.1	0.82	986	2.53	1.99	8.6	2.8	610	26.5	143.0
Q927292		0.18	1.2	0.063	3.60	24.8	13.8	0.71	6220	1.65	0.59	8.0	2.5	590	261	161.5
Q927293		0.21	1.2	0.089	2.99	22.1	126.0	0.65	908	4.12	0.40	8.1	2.4	580	18.7	114.0
Q927294		0.21	1.1	0.058	3.36	19.2	15.9	0.49	3590	4.68	1.14	8.0	2.6	590	231	139.0
Q927295		0.22	1.1	0.080	3.35	19.2	18.4	0.44	1260	2.23	1.30	8.0	3.0	590	46.6	129.0
Q927296		0.26	3.7	0.030	2.89	25.1	65.8	0.82	523	1.32	1.06	9.7	18.9	730	17.5	96.5
Q927297		0.34	2.6	0.031	2.80	23.4	69.0	0.92	473	1.45	1.12	9.9	11.4	830	18.5	90.3
Q927298		0.30	3.3	0.030	2.96	21.7	59.7	0.80	451	1.44	1.50	9.9	17.3	720	16.9	94.6
Q927299		0.26	4.3	0.028	3.20	22.3	58.0	0.82	770	1.38	1.52	10.0	21.6	670	20.3	100.0
Q927300		0.24	1.3	0.134	4.16	23.5	20.9	0.87	3040	3.03	0.45	8.0	3.7	550	51.1	168.5
Q927301		0.37	<0.1	0.005	0.02	0.5	1.3	12.95	204	0.10	<0.01	0.1	1.8	170	1.4	1.0
Q927302		0.36	1.4	0.129	3.56	25.7	20.0	0.91	3650	1.62	0.80	8.2	2.3	550	149.0	159.5
Q927303		0.33	1.3	0.102	3.44	30.4	23.4	0.50	2100	1.06	0.85	8.5	2.7	600	39.1	159.0
Q927304		0.25	1.4	0.088	3.37	21.3	28.0	0.80	1180	1.39	0.52	8.0	2.2	560	27.3	125.0
Q927305		0.10	1.2	0.851	3.20	25.3	21.2	0.84	1980	9.79	0.14	6.9	13.0	590	1415	182.5
Q927306		0.22	1.3	0.070	3.13	23.1	11.9	0.70	715	1.62	2.01	8.1	2.5	590	24.0	119.0
Q927307		0.26	1.3	0.106	3.10	21.3	19.2	0.60	958	1.26	1.64	8.1	2.5	610	35.8	121.0
Q927308		0.26	1.2	0.148	2.98	25.3	13.6	0.63	999	1.16	1.87	7.9	2.6	580	19.3	125.0
Q927309		0.20	1.2	0.268	3.04	29.7	16.4	0.38	1120	1.03	1.32	7.1	2.5	490	15.0	136.0
Q927310		0.33	<0.1	0.006	0.02	0.6	1.0	13.10	203	0.26	0.01	0.1	1.8	180	1.4	1.2
Q927311		0.30	1.2	0.195	3.16	27.8	15.0	0.52	1400	1.49	1.69	8.4	2.4	600	15.3	128.0
Q927312		0.32	1.2	0.111	2.97	24.2	21.9	0.37	1140	1.49	1.35	8.2	3.0	650	17.6	119.5

Comments: ***Re-analysis Results for samples originally reported on certificate WH14111984***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14111984

CERTIFICATE OF ANALYSIS WH14120882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
Q927277		<0.002	0.34	13.35	9.9	<1	1.9	155.5	0.55	<0.05	11.6	0.238	2.19	4.3	67	10.3
Q927278		<0.002	0.38	29.7	10.7	<1	2.6	134.5	0.57	<0.05	12.5	0.254	2.14	4.7	69	6.3
Q927279		<0.002	0.37	38.5	10.4	1	2.9	148.0	0.54	<0.05	11.5	0.239	1.91	4.6	71	6.0
Q927280		<0.002	0.03	13.90	9.7	1	9.4	218	0.48	<0.05	13.6	0.236	2.07	3.1	100	4.7
Q927281		<0.002	0.13	6.65	10.1	1	3.7	220	0.58	<0.05	10.7	0.255	1.56	3.7	74	3.7
Q927282		0.002	0.16	74.0	7.0	<1	1.3	818	0.46	<0.05	8.7	0.235	1.56	31.1	59	3.8
Q927283		<0.002	0.31	25.6	9.7	<1	2.2	310	0.57	<0.05	13.3	0.228	2.32	7.4	64	3.8
Q927284		<0.002	0.55	25.4	6.7	<1	2.1	163.5	0.41	<0.05	8.7	0.172	1.81	5.2	47	3.1
Q927285		<0.002	0.26	63.5	8.9	1	1.3	500	0.63	<0.05	7.9	0.444	1.34	6.9	93	9.0
Q927286		0.004	2.69	27.5	9.2	1	5.4	108.5	0.48	0.27	11.4	0.206	2.29	5.2	66	5.3
Q927287		<0.002	0.95	25.4	10.3	1	2.0	182.5	0.56	<0.05	12.0	0.243	2.30	6.4	67	4.0
Q927288		<0.002	0.27	12.30	11.2	1	2.1	177.0	0.65	<0.05	12.4	0.264	2.33	5.5	72	3.1
Q927289		<0.002	0.10	5.47	10.5	1	2.1	308	0.62	<0.05	10.8	0.263	1.80	3.4	72	2.5
Q927290		<0.002	0.08	2.81	10.8	<1	1.8	333	0.60	<0.05	13.0	0.253	1.44	4.1	70	2.1
Q927291		<0.002	0.08	2.91	11.4	1	1.8	336	0.64	<0.05	13.6	0.260	1.49	4.4	71	2.0
Q927292		<0.002	0.63	11.55	10.7	<1	1.8	169.5	0.55	<0.05	12.6	0.254	2.30	4.4	70	5.1
Q927293		<0.002	0.12	83.4	10.2	1	2.0	164.5	0.60	<0.05	11.8	0.245	1.44	5.4	70	3.9
Q927294		<0.002	0.21	10.20	10.0	<1	2.9	270	0.61	<0.05	11.4	0.252	2.01	2.7	69	11.1
Q927295		<0.002	0.08	8.53	9.9	1	1.9	284	0.61	<0.05	10.7	0.250	1.80	2.6	69	3.9
Q927296		<0.002	0.02	7.18	6.0	1	1.8	380	0.73	<0.05	9.9	0.270	1.23	3.9	53	1.7
Q927297		<0.002	0.03	2.06	6.1	1	1.4	525	0.70	<0.05	8.6	0.283	1.05	3.3	53	1.0
Q927298		<0.002	0.01	2.69	5.8	1	1.6	432	0.74	<0.05	8.6	0.269	1.12	3.8	52	0.9
Q927299		<0.002	0.01	6.89	5.9	<1	1.7	337	0.75	<0.05	9.1	0.266	1.35	4.5	52	1.1
Q927300		<0.002	0.73	14.30	9.9	1	2.3	223	0.64	<0.05	12.7	0.234	2.68	4.1	64	3.2
Q927301		<0.002	<0.01	0.05	0.1	<1	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
Q927302		<0.002	0.53	23.8	9.9	1	1.9	217	0.68	<0.05	14.0	0.236	2.46	3.8	63	3.4
Q927303		<0.002	0.42	17.75	10.8	1	1.9	143.5	0.66	<0.05	15.7	0.248	2.03	4.4	68	3.0
Q927304		<0.002	0.09	8.26	9.3	1	1.7	160.5	0.66	<0.05	11.9	0.234	1.81	3.6	65	2.4
Q927305		<0.002	5.07	70.2	10.0	2	8.4	104.0	0.56	1.27	12.1	0.229	2.64	5.7	70	6.1
Q927306		<0.002	0.03	3.06	10.0	1	1.7	353	0.64	<0.05	12.0	0.250	1.36	2.7	69	1.9
Q927307		<0.002	0.05	5.82	10.0	1	1.7	218	0.63	<0.05	11.7	0.260	1.61	2.8	67	2.7
Q927308		<0.002	0.04	4.68	10.0	<1	1.6	196.0	0.61	<0.05	13.0	0.247	1.41	2.8	66	3.3
Q927309		<0.002	0.24	5.61	9.1	1	1.7	115.0	0.63	<0.05	16.1	0.201	1.50	4.2	61	9.8
Q927310		<0.002	<0.01	0.05	0.1	<1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	0.02	0.7	2	0.1
Q927311		<0.002	0.12	5.77	10.2	<1	1.8	165.0	0.66	<0.05	13.5	0.260	1.60	3.7	70	5.2
Q927312		<0.002	0.04	6.30	10.7	<1	2.0	195.5	0.63	<0.05	12.5	0.271	1.55	4.1	71	3.5

Comments: ***Re-analysis Results for samples originally reported on certificate WH14111984***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14111984

CERTIFICATE OF ANALYSIS WH14120882

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61
	Analyte	Y	Zn	Zr
	Units	ppm	ppm	ppm
	LOR	0.1	2	0.5
Q927277		13.4	60	31.6
Q927278		13.2	69	34.2
Q927279		12.5	76	30.8
Q927280		11.9	89	28.7
Q927281		14.6	62	34.3
Q927282		15.6	57	80.2
Q927283		14.9	51	36.4
Q927284		10.6	82	29.9
Q927285		16.2	129	176.5
Q927286		12.0	885	30.5
Q927287		15.4	234	38.1
Q927288		17.5	46	35.4
Q927289		15.6	50	37.5
Q927290		17.2	54	34.9
Q927291		18.0	54	37.7
Q927292		17.3	630	36.3
Q927293		14.6	73	35.6
Q927294		16.0	253	31.6
Q927295		14.7	87	30.7
Q927296		11.5	56	143.0
Q927297		11.4	62	88.6
Q927298		11.0	56	125.5
Q927299		11.3	61	166.0
Q927300		16.4	452	37.7
Q927301		0.8	14	<0.5
Q927302		16.2	445	38.4
Q927303		16.1	123	38.2
Q927304		16.4	59	37.8
Q927305		13.0	2660	32.7
Q927306		16.5	56	35.3
Q927307		14.6	76	36.4
Q927308		15.1	69	33.8
Q927309		14.1	71	33.1
Q927310		0.8	15	<0.5
Q927311		15.4	68	34.5
Q927312		15.4	66	35.1

Comments: ***Re-analysis Results for samples originally reported on certificate WH14111984***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14111984

CERTIFICATE OF ANALYSIS WH14120882

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

CERTIFICATE WH14120944

Project: KLAZA

P.O. No.: BATCH 132

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120944

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934195		1.05	0.170	20.5	6.30	325	200	1.61	1.18	2.60	137.5	46.5	7.5	9	19.35	107.0
Q934196		5.13	<0.005	0.24	6.97	18.1	2010	1.48	0.13	2.79	1.14	47.6	7.5	10	15.45	7.5
Q934197		6.13	<0.005	0.12	7.27	13.5	2360	1.70	0.28	2.00	0.12	47.4	7.0	9	16.95	11.2
Q934198		4.70	<0.005	0.25	6.65	17.3	2550	1.39	0.25	2.73	1.17	40.2	6.4	8	15.85	3.7
Q934199		0.29	0.877	11.10	6.31	1510	150	1.44	11.95	1.85	31.3	45.6	17.3	17	13.10	279
Q934200		0.68	0.005	0.68	6.40	54.1	2320	1.47	0.42	2.88	4.02	43.3	7.5	8	13.70	9.9
Q934201		7.94	<0.005	0.15	7.03	13.5	1730	1.53	0.45	2.36	0.14	44.2	3.8	8	17.30	7.7
Q934202		6.71	<0.005	0.14	7.19	17.2	2280	1.75	0.26	2.32	0.12	46.3	7.3	10	15.15	3.8
Q934203		2.30	<0.005	0.15	6.95	16.3	1170	1.69	0.88	2.20	0.10	39.5	3.3	7	20.7	2.7
Q934204		4.63	<0.005	0.11	7.20	28.3	1610	2.36	0.28	3.38	0.10	59.0	6.4	14	27.3	4.1
Q934205		1.08	0.010	0.36	6.59	17.1	2260	1.57	1.12	3.84	0.10	37.7	23.2	7	17.75	1.1
Q934206		5.51	<0.005	<0.01	0.05	<0.2	20	<0.05	0.01	22.4	0.05	1.15	0.7	<1	0.16	1.3
Q934207		1.40	<0.005	0.09	6.96	12.5	2850	1.62	0.34	1.90	0.10	45.2	7.6	8	33.9	6.2
Q934208		4.87	<0.005	0.17	7.29	12.7	3580	1.47	0.66	2.39	0.09	40.5	7.2	9	20.5	4.3
Q934209		4.27	<0.005	0.14	7.90	16.4	1540	1.41	0.63	1.64	0.12	47.5	11.1	10	19.00	3.2
Q934210		0.66	<0.005	0.49	6.31	9.8	1500	1.36	0.09	3.13	30.7	37.6	6.7	6	18.25	18.4
Q934211		0.84	0.007	1.40	6.71	49.6	2650	1.49	0.73	3.61	0.74	41.3	13.1	8	20.0	100.5
Q934212		4.17	<0.005	0.17	7.11	16.5	1480	1.46	0.20	3.32	0.13	47.7	5.9	9	22.5	10.6
Q934213		1.16	<0.005	0.21	5.74	15.5	1050	1.20	0.10	7.71	0.18	43.8	5.7	5	24.8	5.2
Q934214		3.93	<0.005	0.08	7.74	7.3	2080	1.26	0.20	2.54	0.12	46.4	7.5	8	24.3	6.8
Q934215		2.31	<0.005	0.06	7.65	7.3	2050	1.30	0.09	2.54	0.12	44.8	7.1	8	22.0	6.9
Q934216		5.19	<0.005	0.06	7.17	14.8	1650	1.49	0.09	2.60	0.12	42.9	7.4	10	27.2	5.7
Q934217		5.81	<0.005	0.11	7.43	6.5	2230	1.56	0.09	3.13	0.10	48.1	7.8	10	13.60	8.3
Q934218		4.11	<0.005	0.06	7.83	11.3	2340	1.65	0.10	1.98	0.12	46.4	7.9	10	14.25	9.5
Q934219		4.57	<0.005	0.11	7.06	17.6	1430	2.00	0.13	3.07	0.13	58.7	7.4	17	17.90	9.2
Q934220		4.01	<0.005	0.07	6.38	17.0	1080	1.88	0.10	2.83	0.12	51.3	6.9	15	16.45	8.3
Q934221		2.44	<0.005	0.07	6.42	20.6	1020	1.88	0.12	3.61	0.10	55.7	6.5	15	24.6	11.4
Q934222		5.54	<0.005	<0.01	0.07	0.3	30	<0.05	0.01	21.0	0.06	1.15	0.6	<1	0.22	1.3
Q934223		3.00	<0.005	0.16	6.45	22.6	1570	1.93	0.11	3.24	0.08	52.7	6.5	16	17.90	7.7
Q934224		4.58	<0.005	0.16	6.85	30.6	2310	1.91	0.20	3.60	0.11	54.7	6.5	17	19.10	8.4
Q934225		<0.02	<0.005	0.19	6.87	33.6	2470	1.93	0.19	3.55	0.15	56.0	6.7	16	19.60	8.9
Q934226		2.72	0.062	3.07	7.10	278	800	1.45	1.15	1.51	3.84	47.4	11.5	7	14.00	67.7
Q934227		2.85	<0.005	0.34	7.42	26.9	1690	1.61	0.24	2.47	0.64	46.3	7.0	9	19.05	15.2
Q934228		0.29	0.347	4.29	6.67	699	330	1.32	3.19	2.00	10.25	47.0	12.0	24	13.05	307
Q934229		1.50	0.210	7.12	7.08	243	210	1.46	7.97	1.18	3.01	45.5	27.8	7	10.70	149.0
Q934230		1.67	<0.005	0.14	7.17	11.9	1810	1.40	0.21	2.32	0.24	41.8	8.4	7	17.65	11.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120944

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934195		4.81	14.95	<0.05	1.2	0.128	2.71	23.9	30.5	0.64	2510	1.11	0.08	7.3	2.8	570
Q934196		3.18	16.15	0.07	1.1	0.041	2.96	23.2	12.8	0.75	991	1.75	1.71	8.0	3.0	630
Q934197		3.36	17.50	0.07	1.3	0.066	2.88	23.3	22.7	0.61	536	1.06	0.87	9.0	2.8	670
Q934198		3.18	15.85	0.07	1.0	0.072	2.80	20.1	21.2	0.65	1200	0.43	0.55	7.7	2.5	600
Q934199		6.42	15.10	<0.05	1.2	0.792	2.83	24.9	19.5	0.75	1740	8.71	0.12	6.2	11.8	550
Q934200		3.63	15.00	<0.05	1.0	0.092	2.95	22.1	10.6	0.96	3620	0.44	0.31	7.4	2.5	550
Q934201		3.23	15.90	0.06	1.1	0.102	2.28	22.6	17.4	0.73	749	0.38	2.07	7.8	2.7	610
Q934202		3.26	17.10	0.05	1.3	0.062	2.73	23.0	14.8	0.67	1080	0.44	1.87	8.8	3.0	630
Q934203		3.14	16.35	<0.05	1.2	0.096	2.29	18.8	29.4	0.62	1100	0.33	0.90	7.7	2.6	590
Q934204		2.69	19.30	0.08	2.7	0.040	2.41	28.9	68.2	0.81	855	1.03	0.18	12.3	3.1	950
Q934205		3.20	15.55	0.08	0.9	0.183	2.58	17.8	15.3	0.79	1040	0.22	0.63	7.9	2.4	610
Q934206		0.50	0.26	0.21	<0.1	<0.005	0.02	0.5	1.0	13.85	208	0.09	<0.01	0.1	1.5	190
Q934207		2.99	16.10	0.21	0.9	0.050	2.25	23.1	33.1	0.69	987	0.24	0.06	7.8	2.5	620
Q934208		3.76	18.00	0.13	1.0	0.083	2.51	19.0	32.6	0.71	1060	0.31	0.13	8.6	2.7	690
Q934209		3.37	18.00	0.09	1.3	0.069	2.66	23.5	35.9	0.71	882	0.58	0.40	9.4	4.1	710
Q934210		3.25	15.35	0.09	0.9	0.034	2.40	17.1	18.2	0.83	3350	1.39	1.48	7.1	3.2	590
Q934211		3.54	15.90	0.07	1.0	0.114	2.87	20.7	19.6	0.91	1440	0.94	0.46	7.5	2.8	600
Q934212		3.09	16.30	0.08	1.1	0.056	2.64	23.6	19.5	0.93	890	0.72	0.72	8.0	2.7	640
Q934213		2.50	12.45	0.11	0.8	0.028	2.04	24.8	26.2	0.90	1160	0.52	0.05	5.7	2.0	470
Q934214		3.19	17.75	0.08	1.3	0.032	2.81	22.3	36.2	0.57	665	0.69	0.91	8.8	2.5	670
Q934215		3.01	17.20	0.08	1.2	0.038	2.77	21.5	34.9	0.56	623	0.68	0.91	8.4	2.7	660
Q934216		3.01	17.35	0.08	1.2	0.035	2.61	20.4	54.5	0.73	780	0.53	0.32	8.3	2.8	680
Q934217		3.15	16.90	0.09	1.3	0.028	2.72	23.4	18.4	0.79	724	1.03	2.22	8.6	2.7	670
Q934218		4.02	18.30	0.08	1.4	0.051	3.10	22.7	21.5	0.83	803	0.85	1.51	10.7	3.3	790
Q934219		2.63	18.40	0.12	3.7	0.022	2.44	29.9	78.8	1.18	692	1.26	0.05	10.1	6.5	1100
Q934220		2.43	16.90	0.09	3.3	0.021	2.12	25.9	61.0	1.05	663	1.44	0.05	9.1	6.2	980
Q934221		2.28	16.75	0.11	3.3	0.016	2.44	29.2	61.4	0.96	642	0.90	0.06	9.0	5.5	970
Q934222		0.47	0.34	0.30	<0.1	<0.005	0.03	0.5	1.3	13.45	199	0.18	<0.01	0.1	1.5	200
Q934223		2.39	16.90	0.21	3.2	0.015	2.57	26.6	90.9	1.06	578	1.61	0.05	9.2	6.0	990
Q934224		2.64	17.30	0.14	3.3	0.023	2.85	27.7	105.5	1.18	700	1.70	0.06	9.6	5.9	1060
Q934225		2.65	17.80	0.12	3.4	0.026	2.86	28.3	108.0	1.17	683	1.74	0.06	9.8	6.2	1030
Q934226		3.72	15.95	0.08	1.1	0.180	2.85	25.4	18.5	0.55	1240	1.51	0.05	7.3	2.8	600
Q934227		3.13	16.45	0.12	1.0	0.079	2.69	22.7	21.2	0.63	918	0.56	0.86	7.8	2.3	580
Q934228		4.83	14.55	0.11	1.0	0.286	2.82	26.3	25.0	0.76	1860	14.05	0.14	5.9	13.8	490
Q934229		6.10	15.50	0.09	0.9	0.283	3.12	24.2	7.9	0.60	1120	0.95	0.03	6.9	3.7	500
Q934230		2.97	15.65	0.10	1.1	0.057	2.69	19.8	22.9	0.57	835	11.95	0.74	7.8	2.0	550

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120944

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934195		3840	140.5	<0.002	4.11	18.90	8.0	<1	6.3	96.6	0.57	0.09	10.0	0.224	2.24	4.3
Q934196		67.3	121.0	<0.002	0.13	3.30	11.0	1	1.8	327	0.66	<0.05	12.9	0.257	1.47	4.2
Q934197		19.8	104.0	<0.002	0.15	6.29	11.3	1	2.3	191.0	0.77	<0.05	13.3	0.278	1.37	3.4
Q934198		53.4	99.8	<0.002	0.15	6.51	9.8	1	1.8	170.0	0.65	<0.05	11.3	0.248	1.69	4.9
Q934199		1300	158.0	<0.002	4.55	64.0	9.1	1	7.8	96.6	0.55	1.11	11.4	0.206	2.65	5.2
Q934200		196.0	160.5	<0.002	0.46	8.07	9.3	1	1.9	106.0	0.61	<0.05	11.2	0.239	2.66	6.8
Q934201		15.7	91.5	<0.002	0.11	5.44	9.9	<1	1.6	267	0.67	<0.05	12.3	0.262	1.23	4.2
Q934202		26.5	100.5	<0.002	0.16	3.95	10.8	1	1.8	313	0.74	<0.05	13.7	0.268	1.27	3.6
Q934203		24.5	81.8	<0.002	0.09	5.95	9.2	1	1.5	164.5	0.69	<0.05	10.6	0.251	1.49	5.3
Q934204		19.8	73.4	<0.002	0.08	8.48	6.6	1	1.7	268	0.88	<0.05	10.1	0.288	1.68	6.8
Q934205		18.0	106.5	<0.002	0.33	8.33	9.5	1	1.7	150.5	0.65	0.24	10.6	0.267	1.62	3.4
Q934206		1.4	1.0	<0.002	0.01	<0.05	0.2	<1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q934207		14.9	88.7	<0.002	0.10	23.2	10.1	1	1.8	99.1	0.62	<0.05	11.5	0.261	1.46	4.0
Q934208		18.3	79.6	<0.002	0.11	13.10	11.4	1	1.8	106.0	0.72	0.05	11.3	0.292	1.38	4.0
Q934209		17.6	101.0	<0.002	0.18	16.15	11.5	1	1.7	91.7	0.86	0.08	13.4	0.302	1.46	4.9
Q934210		49.7	91.7	<0.002	0.18	5.18	9.4	<1	1.3	251	0.60	<0.05	11.7	0.248	1.31	4.3
Q934211		34.7	110.0	<0.002	0.40	20.3	9.8	1	1.6	177.0	0.64	<0.05	11.1	0.254	1.68	5.4
Q934212		13.9	92.6	<0.002	0.20	6.75	10.4	<1	1.8	139.0	0.63	<0.05	11.7	0.259	1.62	4.9
Q934213		33.4	91.4	<0.002	0.13	14.30	7.7	<1	1.1	239	0.46	<0.05	10.6	0.198	1.23	5.8
Q934214		16.9	96.1	<0.002	0.02	15.60	10.8	1	1.8	216	0.75	<0.05	13.6	0.288	1.06	4.0
Q934215		15.8	96.3	<0.002	0.02	13.40	10.0	1	1.8	214	0.68	<0.05	12.7	0.282	0.91	3.4
Q934216		14.1	79.4	<0.002	0.07	14.75	10.6	1	1.5	159.0	0.67	<0.05	11.7	0.284	1.36	3.4
Q934217		16.7	100.5	<0.002	0.01	2.13	11.0	1	1.7	381	0.74	<0.05	12.8	0.279	1.00	4.0
Q934218		16.7	119.5	<0.002	0.02	6.05	13.6	1	2.0	273	0.93	<0.05	13.2	0.325	1.27	2.9
Q934219		13.7	89.0	<0.002	0.20	12.30	6.7	1	1.4	201	0.74	<0.05	9.0	0.300	2.33	11.2
Q934220		12.6	69.9	<0.002	0.19	19.15	5.9	1	1.3	165.0	0.65	<0.05	7.9	0.276	1.85	12.9
Q934221		11.5	97.2	<0.002	0.12	20.1	6.0	<1	1.4	176.5	0.65	<0.05	8.3	0.271	2.15	10.5
Q934222		1.3	1.3	<0.002	<0.01	0.10	0.1	<1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q934223		11.7	96.7	<0.002	0.16	12.15	6.0	1	1.3	204	0.65	<0.05	8.1	0.275	2.37	6.7
Q934224		28.1	100.5	<0.002	0.35	8.59	6.6	1	1.4	207	0.68	<0.05	8.4	0.296	2.24	6.4
Q934225		27.3	105.0	<0.002	0.36	8.89	6.7	1	1.5	205	0.69	<0.05	8.7	0.296	2.33	6.6
Q934226		249	145.0	<0.002	2.06	30.3	9.6	1	2.8	70.9	0.58	0.07	12.1	0.238	2.18	5.3
Q934227		37.3	107.5	<0.002	0.20	7.01	10.3	1	1.7	212	0.65	<0.05	14.4	0.258	1.40	7.6
Q934228		481	152.5	0.004	2.62	26.3	8.8	1	5.3	104.5	0.49	0.30	11.4	0.202	2.31	4.8
Q934229		278	173.0	<0.002	5.41	21.8	9.5	1	7.9	36.8	0.56	0.74	14.1	0.224	2.65	8.6
Q934230		18.0	92.6	<0.002	0.08	11.80	9.8	1	1.5	192.0	0.67	<0.05	12.8	0.256	1.34	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120944

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934195		56	4.1	12.6	9430	32.9
Q934196		72	1.6	16.2	179	26.2
Q934197		75	2.4	15.2	59	29.8
Q934198		70	2.7	14.0	157	24.7
Q934199		61	6.2	11.0	2330	29.3
Q934200		64	2.7	13.0	407	23.7
Q934201		73	2.4	14.0	67	26.6
Q934202		72	2.3	15.4	68	30.6
Q934203		73	2.4	12.6	77	27.0
Q934204		58	1.7	13.7	76	86.5
Q934205		72	2.5	15.1	58	21.0
Q934206		1	0.1	0.8	17	<0.5
Q934207		65	3.0	13.4	73	22.2
Q934208		81	3.6	15.1	71	23.8
Q934209		84	3.8	16.2	63	28.1
Q934210		69	2.2	13.6	2840	22.4
Q934211		71	1.7	15.5	103	23.9
Q934212		75	2.2	15.4	55	24.5
Q934213		56	2.0	15.5	51	18.9
Q934214		79	3.3	15.3	52	28.2
Q934215		75	3.2	15.1	51	27.3
Q934216		78	2.5	15.0	52	27.3
Q934217		76	3.5	18.0	51	29.6
Q934218		97	4.3	17.6	61	33.5
Q934219		65	1.6	13.1	77	135.5
Q934220		61	1.6	12.0	66	122.0
Q934221		59	2.0	12.6	56	122.5
Q934222		2	0.1	0.8	16	0.6
Q934223		59	1.9	12.2	52	123.0
Q934224		62	3.1	12.7	63	124.5
Q934225		62	3.2	13.1	67	126.5
Q934226		65	4.8	12.1	349	28.5
Q934227		68	1.7	14.5	99	27.0
Q934228		62	5.4	11.5	848	30.0
Q934229		60	4.2	10.5	272	24.2
Q934230		66	4.4	14.3	72	27.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120944

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

CERTIFICATE WH14120945

Project: KLAZA

P.O. No.: BATCH 133

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120945

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926652		4.78	0.083	0.26	6.65	55.5	1340	1.74	0.41	2.56	0.23	42.3	7.4	10	16.30	3.7
Q926653		5.20	<0.005	0.12	7.54	8.5	2210	1.56	0.31	1.74	0.12	46.5	6.3	15	16.10	4.0
Q926654		2.92	<0.005	0.17	7.04	8.7	2140	1.44	0.41	1.78	0.11	44.1	6.9	11	16.05	3.3
Q926655		4.82	<0.005	0.31	6.78	14.7	2290	1.46	0.45	2.25	0.41	43.2	8.0	10	12.85	10.3
Q926656		2.89	<0.005	0.18	8.04	4.9	2360	1.23	0.43	0.61	0.15	55.1	6.8	13	9.69	4.6
Q926657		4.31	<0.005	0.35	6.18	12.8	2240	1.54	0.69	3.70	0.20	38.3	4.3	9	11.45	2.9
Q926658		0.32	0.337	4.35	6.71	703	330	1.34	3.49	2.01	10.85	48.6	12.3	23	13.50	307
Q926659		4.04	<0.005	0.30	7.03	19.0	2210	1.45	0.64	1.65	0.27	43.9	7.2	11	11.20	2.2
Q926660		8.98	<0.005	0.12	8.15	6.6	2250	1.14	0.26	1.16	0.12	60.5	7.5	15	10.45	8.5
Q926661		2.91	0.007	0.59	7.58	34.1	2330	1.37	0.27	1.33	0.48	49.6	5.8	15	15.50	7.1
Q926662		1.80	0.586	62.2	6.62	326	340	1.11	1.15	0.95	8.62	50.7	6.9	10	9.09	49.4
Q926663		5.53	<0.005	0.07	0.07	0.3	20	<0.05	0.03	20.3	0.07	1.23	0.6	<1	0.12	2.0
Q926664		1.57	0.008	0.48	7.52	48.4	910	1.71	0.22	1.85	0.88	43.3	5.9	13	19.80	11.9
Q926665		2.48	0.094	10.70	6.59	782	940	1.29	0.25	0.85	14.80	46.2	6.2	16	14.25	31.4
Q926666		1.71	0.015	1.21	6.95	160.5	1110	1.42	0.47	2.15	5.67	52.4	7.1	11	15.80	16.3
Q926667		2.77	0.106	0.50	8.28	29.9	2160	1.24	0.24	0.75	3.80	58.2	7.7	11	11.60	14.9
Q926668		3.12	<0.005	0.32	7.80	5.9	2220	1.54	0.78	2.39	0.25	51.2	7.0	12	14.25	5.8
Q926669		1.63	0.164	2.40	6.92	424	1240	1.57	0.15	1.88	3.76	44.1	8.5	10	15.60	138.5
Q926670		6.98	<0.005	0.12	7.82	5.4	2020	1.24	0.13	1.30	0.26	54.4	6.4	14	15.85	5.9
Q926671		5.99	<0.005	0.09	7.92	9.8	2040	1.16	0.13	1.37	0.22	52.7	6.7	11	18.50	5.0
Q926672		3.07	<0.005	0.13	7.05	15.1	1860	1.44	0.24	1.86	0.24	42.7	7.9	10	20.9	4.9
Q926673		<0.02	<0.005	0.12	6.86	14.3	1820	1.44	0.17	1.86	0.24	42.1	9.1	20	20.6	5.3
Q926674		6.91	<0.005	0.08	6.82	8.4	1890	1.51	0.16	2.32	0.17	44.5	6.5	10	25.0	5.1
Q926675		3.99	<0.005	0.20	7.21	39.8	1400	1.25	0.13	2.65	0.36	49.6	8.2	11	10.60	5.2
Q926676		5.52	<0.005	0.01	0.08	0.3	20	0.05	0.03	20.1	0.06	1.22	0.7	<1	0.19	6.4
Q926677		8.56	<0.005	0.11	8.03	6.7	2150	1.27	0.18	1.47	0.18	56.0	6.9	9	25.9	6.6
Q926678		4.97	<0.005	0.11	7.51	7.9	2000	1.62	0.24	2.23	0.27	48.6	6.8	12	26.9	9.7
Q926679		4.89	0.012	0.31	7.43	29.5	1510	1.78	0.36	1.46	1.81	48.4	7.7	9	17.15	20.6
Q926680		0.30	0.844	11.35	6.58	1560	400	1.33	12.10	1.86	32.5	47.2	18.4	18	13.85	282
Q926681		1.53	0.024	0.80	6.84	162.0	660	1.54	0.20	2.09	3.83	49.4	8.6	10	18.30	27.3
Q926682		4.56	<0.005	0.39	7.85	16.7	1890	1.36	0.54	1.22	0.65	52.0	7.4	8	22.7	56.5
Q926683		4.47	<0.005	0.13	6.64	16.8	1860	1.40	0.24	2.46	0.25	37.8	6.8	12	14.60	8.7
Q926684		10.13	<0.005	0.11	7.39	4.4	2230	1.64	0.27	2.82	0.11	48.0	7.0	10	13.90	6.4
Q926685		4.88	<0.005	0.07	7.31	6.1	2020	1.53	0.27	2.19	0.13	47.4	7.0	20	16.55	6.6
Q926686		4.74	<0.005	0.12	6.71	9.8	1630	1.46	0.27	2.18	0.19	37.1	7.2	13	11.65	6.3
Q926687		3.82	<0.005	0.10	7.97	8.3	3030	1.39	0.29	1.22	0.16	52.6	7.0	10	20.6	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120945

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926652		2.74	14.90	0.10	1.2	0.074	3.06	21.2	38.6	0.62	2350	5.49	0.03	7.0	2.5	550
Q926653		2.98	15.95	0.10	1.4	0.049	3.34	23.6	36.7	0.51	988	1.51	0.47	7.8	2.0	570
Q926654		2.92	15.55	0.09	1.3	0.056	3.17	22.0	34.6	0.54	1020	1.31	0.42	7.6	2.0	560
Q926655		2.86	14.50	0.08	1.3	0.052	2.36	21.9	21.8	0.46	1010	1.40	1.44	7.1	1.8	520
Q926656		3.02	16.35	0.09	1.4	0.041	3.17	29.6	23.4	0.69	695	1.57	0.89	8.4	2.1	610
Q926657		3.04	16.15	0.09	1.2	0.108	2.55	18.1	26.9	0.39	1700	1.36	0.49	6.8	1.9	510
Q926658		4.89	15.15	0.08	1.1	0.291	2.86	26.9	25.0	0.76	1870	13.65	0.14	6.2	14.1	490
Q926659		2.87	15.55	0.08	1.3	0.064	2.48	22.3	19.6	0.29	972	1.82	1.42	7.1	1.8	520
Q926660		2.85	16.85	0.09	1.6	0.039	3.05	31.3	27.0	0.59	571	1.56	0.77	9.1	2.0	620
Q926661		2.94	16.65	0.08	1.6	0.054	3.65	25.4	28.7	0.42	1770	2.22	0.32	8.5	2.1	550
Q926662		4.80	15.30	0.08	1.2	0.095	3.17	27.6	13.2	0.41	8570	1.88	0.03	6.6	2.2	460
Q926663		0.45	0.20	0.09	<0.1	0.005	0.02	0.6	0.9	13.00	200	0.11	<0.01	0.2	1.0	180
Q926664		2.46	17.60	0.11	1.7	0.044	2.62	19.5	84.7	0.55	3100	2.93	0.05	9.9	1.8	630
Q926665		3.03	15.50	0.10	1.2	0.073	2.86	24.7	25.0	0.38	2780	2.96	0.02	7.0	1.8	480
Q926666		2.77	14.75	0.09	1.4	0.072	3.34	28.0	24.0	0.67	6610	3.48	0.12	8.3	2.2	560
Q926667		3.05	17.10	0.10	1.5	0.055	3.09	31.0	33.5	0.55	874	4.19	0.32	8.9	2.4	600
Q926668		2.91	16.90	0.08	1.5	0.039	2.73	26.2	15.4	0.69	778	4.46	1.87	8.3	1.9	590
Q926669		2.81	15.55	0.07	1.6	0.060	2.86	21.9	63.5	0.64	2880	2.76	0.12	8.2	2.5	510
Q926670		2.74	16.80	0.08	1.8	0.035	2.76	28.0	27.2	0.50	705	1.99	0.98	9.1	2.0	560
Q926671		2.86	17.40	0.09	1.7	0.043	2.81	27.2	43.4	0.58	1020	1.87	0.56	8.8	2.0	600
Q926672		2.49	15.75	0.08	1.7	0.035	2.20	21.0	171.5	0.61	1220	1.16	0.08	8.0	1.9	550
Q926673		2.47	15.55	0.07	1.6	0.034	2.18	20.4	174.0	0.59	1270	1.78	0.08	8.2	2.5	540
Q926674		2.61	15.45	0.08	1.6	0.037	2.70	21.3	39.3	0.60	739	1.68	1.19	8.1	1.8	510
Q926675		2.66	15.50	0.08	1.7	0.034	2.15	25.3	157.5	0.89	4100	2.66	0.06	8.4	2.3	550
Q926676		0.46	0.23	0.11	<0.1	<0.005	0.03	0.6	1.6	12.80	192	<0.05	<0.01	0.2	0.9	180
Q926677		2.89	17.35	0.14	1.7	0.039	2.85	28.8	52.2	0.58	821	3.36	0.66	8.9	1.9	600
Q926678		2.73	16.55	0.08	1.7	0.036	2.68	23.6	25.9	0.49	716	2.20	1.74	8.8	1.8	590
Q926679		2.67	16.65	0.09	1.6	0.048	2.79	24.2	45.3	0.53	980	2.69	0.69	7.8	2.0	550
Q926680		6.36	15.25	0.07	1.1	0.770	2.80	24.6	19.0	0.76	1800	9.64	0.12	6.5	11.8	520
Q926681		2.63	14.05	0.08	1.4	0.035	2.66	27.4	66.5	0.70	2140	2.72	0.07	6.9	2.5	480
Q926682		2.99	16.80	0.08	1.6	0.031	2.94	27.0	64.9	0.53	1200	2.17	0.37	8.6	2.1	590
Q926683		2.64	15.30	0.08	1.4	0.044	2.74	17.7	15.9	0.33	1270	1.53	1.24	7.7	2.0	540
Q926684		2.91	16.25	0.17	1.5	0.033	2.83	23.3	12.2	0.66	846	1.31	2.07	7.7	2.3	580
Q926685		2.90	16.25	0.16	1.7	0.038	2.77	22.7	20.2	0.67	750	1.35	1.66	8.0	2.3	590
Q926686		2.86	16.25	0.14	1.5	0.034	2.67	15.9	34.3	0.57	1060	1.65	0.26	7.6	2.5	580
Q926687		2.76	17.65	0.16	1.5	0.039	2.76	26.2	48.4	0.36	836	1.29	0.14	8.4	2.2	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120945

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926652		20.5	144.5	<0.002	0.28	18.80	9.8	1	1.5	74.8	0.54	<0.05	11.1	0.231	2.24	3.3
Q926653		12.1	151.0	<0.002	0.05	12.60	9.8	1	1.5	102.0	0.64	<0.05	13.0	0.253	1.98	2.8
Q926654		9.5	138.5	<0.002	0.07	12.55	9.6	1	1.5	88.7	0.62	<0.05	12.1	0.251	1.98	3.0
Q926655		142.0	107.0	<0.002	0.08	8.80	9.1	1	1.6	130.5	0.60	<0.05	12.9	0.231	1.24	3.4
Q926656		16.4	137.0	<0.002	0.02	9.99	10.8	1	1.4	107.5	0.67	<0.05	16.2	0.271	1.47	3.6
Q926657		10.6	116.0	<0.002	0.07	16.40	9.1	1	1.5	92.9	0.56	<0.05	10.5	0.221	1.56	4.2
Q926658		484	157.0	0.003	2.64	28.3	9.1	1	5.4	106.5	0.50	0.35	12.1	0.202	2.44	5.2
Q926659		11.5	121.0	<0.002	0.09	8.05	9.3	1	1.5	107.5	0.58	<0.05	13.2	0.219	1.38	3.3
Q926660		18.9	130.0	<0.002	0.01	8.35	10.9	1	1.8	115.5	0.72	<0.05	15.9	0.277	1.23	2.9
Q926661		35.9	169.5	<0.002	0.31	21.0	10.1	1	1.5	97.7	0.72	<0.05	15.2	0.246	2.18	7.5
Q926662		938	184.0	0.002	3.76	219	9.4	1	3.3	20.4	0.56	<0.05	12.9	0.213	2.77	2.9
Q926663		1.9	0.9	<0.002	<0.01	0.21	0.2	<1	<0.2	47.7	<0.05	<0.05	0.2	<0.005	<0.02	0.9
Q926664		33.8	97.9	0.002	0.31	47.8	11.4	1	1.8	242	0.84	<0.05	13.4	0.292	2.05	6.1
Q926665		4420	171.0	<0.002	1.38	72.5	10.5	<1	2.2	47.3	0.57	<0.05	11.7	0.231	2.86	6.5
Q926666		191.5	174.5	<0.002	0.81	21.3	10.2	1	1.7	72.7	0.70	<0.05	16.1	0.252	2.72	4.1
Q926667		148.5	142.0	<0.002	0.18	18.45	10.9	1	2.2	75.3	0.66	<0.05	17.2	0.261	1.44	3.9
Q926668		36.4	117.5	<0.002	0.01	4.57	10.8	1	1.9	320	0.64	<0.05	16.2	0.264	1.18	4.2
Q926669		241	118.5	<0.002	0.95	59.8	9.5	1	2.1	132.0	0.71	<0.05	13.6	0.233	2.05	5.9
Q926670		34.3	119.0	<0.002	0.02	10.90	10.9	1	1.8	160.5	0.83	<0.05	16.8	0.250	1.08	4.9
Q926671		23.2	119.5	<0.002	0.05	11.45	11.0	1	1.9	116.0	0.70	<0.05	15.8	0.263	1.34	3.9
Q926672		23.2	80.4	<0.002	0.12	23.8	10.0	1	1.5	217	0.66	<0.05	13.6	0.232	1.45	7.8
Q926673		23.7	73.6	<0.002	0.12	23.8	9.9	1	1.6	214	0.66	<0.05	12.8	0.240	1.45	7.7
Q926674		21.4	108.5	<0.002	0.02	6.68	9.6	1	1.5	233	0.69	<0.05	14.0	0.230	1.26	4.6
Q926675		29.0	82.7	<0.002	0.33	15.45	9.7	1	1.4	156.5	0.74	<0.05	14.8	0.241	1.49	8.0
Q926676		1.5	1.1	<0.002	0.02	0.05	0.2	1	<0.2	48.3	<0.05	<0.05	0.2	<0.005	<0.02	0.6
Q926677		33.5	118.0	<0.002	0.03	11.20	11.3	1	2.0	143.5	0.73	<0.05	17.3	0.265	1.33	4.5
Q926678		23.5	106.5	<0.002	0.03	5.96	10.5	1	2.1	268	0.73	<0.05	14.9	0.265	1.16	4.1
Q926679		70.1	122.0	<0.002	0.18	16.65	10.9	1	2.5	155.5	0.66	<0.05	14.5	0.248	1.78	6.5
Q926680		1300	164.0	<0.002	4.59	64.2	9.2	2	7.8	95.6	0.53	1.02	13.0	0.207	2.44	5.3
Q926681		131.0	133.0	<0.002	1.19	35.6	9.1	1	2.1	113.5	0.58	<0.05	14.5	0.218	2.06	9.5
Q926682		46.3	125.5	<0.002	0.14	29.7	10.8	1	2.5	117.5	0.68	<0.05	16.1	0.257	1.57	4.6
Q926683		19.5	119.5	<0.002	0.04	7.21	9.2	1	1.6	147.0	0.64	<0.05	11.9	0.244	1.54	3.1
Q926684		19.8	111.0	<0.002	0.02	2.11	9.8	1	1.6	347	0.63	<0.05	12.4	0.252	1.27	2.8
Q926685		19.5	108.5	<0.002	0.02	5.09	11.4	1	1.9	283	0.70	<0.05	12.4	0.264	1.30	3.1
Q926686		15.7	88.8	<0.002	0.05	13.25	9.8	<1	1.9	128.0	0.63	<0.05	10.2	0.252	1.49	3.7
Q926687		18.8	118.0	<0.002	0.06	23.1	10.7	1	1.8	101.0	0.65	<0.05	14.9	0.260	1.34	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120945

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926652		64	4.7	12.9	66	38.2
Q926653		67	3.5	14.4	58	40.0
Q926654		67	3.4	13.4	56	37.5
Q926655		62	2.7	14.9	113	38.0
Q926656		70	4.8	15.5	65	42.1
Q926657		66	2.4	15.3	66	37.6
Q926658		64	5.6	11.9	854	30.8
Q926659		62	2.4	15.5	70	38.0
Q926660		70	3.2	17.1	62	44.9
Q926661		65	4.3	16.1	122	46.4
Q926662		60	7.0	10.0	1890	34.5
Q926663		2	0.1	0.8	17	<0.5
Q926664		81	5.5	13.9	147	47.3
Q926665		73	3.8	9.6	1370	34.3
Q926666		59	3.3	15.1	585	43.5
Q926667		70	7.6	17.3	440	46.8
Q926668		68	5.3	17.7	74	46.7
Q926669		62	3.0	15.6	457	47.5
Q926670		66	2.6	17.9	70	50.8
Q926671		69	3.6	17.5	64	51.3
Q926672		66	3.1	15.1	70	49.7
Q926673		65	2.9	14.7	68	48.5
Q926674		60	2.1	15.8	58	45.4
Q926675		64	3.1	17.6	68	49.7
Q926676		2	0.3	0.8	14	0.5
Q926677		69	2.5	18.4	62	51.6
Q926678		68	1.4	16.7	69	48.4
Q926679		71	2.4	15.7	231	48.0
Q926680		61	6.1	11.6	2310	30.3
Q926681		57	3.6	14.2	393	41.9
Q926682		67	3.3	17.1	106	48.2
Q926683		63	2.0	13.5	64	42.0
Q926684		68	1.9	15.3	56	40.3
Q926685		74	2.5	15.9	54	46.3
Q926686		75	2.5	13.5	58	40.9
Q926687		66	5.5	15.3	55	44.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120945

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

CERTIFICATE WH14120946

Project: KLAZA

P.O. No.: BATCH 129

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

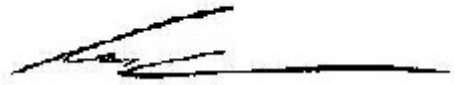
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120946

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926580		9.42	0.009	0.27	6.71	20.8	2160	1.49	0.73	1.82	0.42	37.1	7.8	9	16.45	9.8
Q926581		8.28	<0.005	0.22	7.32	15.4	1350	1.55	0.39	1.76	0.36	45.3	7.6	8	18.50	24.3
Q926582		5.43	<0.005	0.14	6.92	10.5	2170	1.51	0.38	2.18	0.20	39.1	7.0	8	16.40	8.4
Q926583		2.51	<0.005	0.12	7.25	8.8	2040	1.48	0.31	1.96	0.22	45.6	6.4	8	17.60	8.6
Q926584		5.30	<0.005	0.12	7.08	4.4	2240	1.41	0.45	2.64	0.17	46.2	7.4	10	12.80	8.9
Q926585		10.99	<0.005	0.19	7.86	12.9	2270	1.46	0.70	2.16	0.14	55.4	7.6	9	17.65	7.1
Q926586		4.30	<0.005	0.10	7.40	5.9	2220	1.48	0.40	2.69	0.15	50.8	6.9	10	13.60	7.0
Q926587		4.63	<0.005	0.10	7.50	7.5	2310	1.54	0.48	2.86	0.15	51.4	7.0	10	16.65	10.5
Q926588		7.96	<0.005	0.12	7.55	5.4	2330	1.69	2.80	2.01	0.14	57.7	7.7	10	14.90	6.0
Q926589		6.96	0.020	0.80	7.55	78.1	3070	1.51	1.93	0.86	0.43	49.0	8.4	8	16.25	9.9
Q926590		7.35	<0.005	0.24	8.00	10.1	2520	1.46	0.62	1.57	0.26	58.3	7.7	10	13.80	10.5
Q926591		5.00	<0.005	0.09	7.88	3.7	2400	1.68	0.66	2.77	0.13	53.8	7.5	11	11.40	5.5
Q926592		9.28	<0.005	0.11	7.74	7.8	2320	1.66	1.18	2.36	0.12	50.7	7.7	9	13.10	10.5
Q926593		10.88	<0.005	0.11	8.33	18.7	2550	1.37	1.03	1.06	0.20	56.2	7.6	9	16.10	10.5
Q926594		4.44	<0.005	0.11	7.70	8.2	2270	1.52	1.07	1.99	0.11	53.9	8.0	10	11.15	6.8
Q926595		6.89	0.007	0.29	6.95	54.6	2080	1.44	0.83	1.73	0.18	42.2	6.9	7	17.85	6.4
Q926596		5.55	<0.005	<0.01	0.05	3.7	20	<0.05	0.03	21.3	0.07	1.14	0.6	1	0.12	1.1
Q926597		4.74	<0.005	0.09	8.29	33.9	2230	1.56	1.08	0.77	0.11	50.0	11.2	10	22.2	23.1
Q926598		4.02	<0.005	0.01	7.58	79.5	600	1.68	0.11	2.72	0.09	70.6	11.0	44	27.1	10.5
Q926599		7.89	<0.005	0.25	6.64	24.1	3230	1.72	0.48	2.70	0.22	40.1	6.3	8	17.65	14.9
Q926600		9.40	<0.005	0.19	7.64	28.7	1520	1.41	0.63	1.02	0.22	42.4	6.8	8	22.9	16.1
Q926601		6.56	<0.005	0.11	8.12	19.5	1790	1.39	1.22	0.79	0.18	52.3	6.5	9	21.3	11.6
Q926602		5.34	0.006	0.39	8.17	67.4	1720	1.56	0.88	0.73	0.71	60.6	6.5	8	18.50	9.6
Q926603		0.26	1.700	39.0	5.74	2550	170	1.22	35.6	1.70	48.4	37.1	16.8	22	10.00	1230
Q926604		3.25	1.895	32.5	5.21	2280	690	1.44	0.71	1.88	21.2	37.6	6.0	8	15.30	30.1
Q926605		1.74	0.044	1.59	7.11	148.5	980	1.75	3.20	1.84	0.92	50.6	8.5	8	18.80	7.9
Q926606		5.54	<0.005	0.01	0.05	2.7	20	0.05	0.03	21.4	0.06	1.22	0.6	<1	0.12	1.4
Q926607		1.59	0.006	0.67	7.42	120.5	430	1.96	0.45	1.42	2.47	41.5	5.9	8	10.65	11.2
Q926608		<0.02	<0.005	0.57	7.31	118.5	430	1.89	0.48	1.36	2.40	41.6	5.8	8	10.50	11.4
Q926609		4.47	0.017	0.42	6.79	64.8	2490	1.36	0.34	2.29	0.81	40.0	7.0	8	11.90	9.0
Q926610		5.32	<0.005	0.20	7.01	20.4	1520	1.38	0.48	1.96	0.22	40.9	7.0	8	14.40	6.6
Q926611		1.86	<0.005	0.35	6.74	47.3	960	1.21	0.44	2.61	0.81	43.7	7.1	8	8.63	3.9
Q926612		0.26	0.944	11.25	6.71	1600	200	1.47	11.80	1.94	35.8	48.1	18.3	19	14.85	291
Q926613		2.09	0.098	2.69	6.41	812	1480	1.28	0.39	1.95	12.30	47.2	8.2	8	12.10	7.2
Q926614		1.30	<0.005	0.11	7.71	52.9	4150	1.41	1.27	1.12	1.82	42.9	6.3	8	12.05	5.0
Q926615		2.85	<0.005	0.10	8.40	10.4	2280	1.25	1.36	0.53	0.47	58.4	7.3	9	13.05	8.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120946

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926580		3.09	15.65	0.15	1.3	0.054	3.04	17.8	26.0	0.32	1920	5.15	0.03	7.7	2.9	590
Q926581		3.06	17.10	0.14	1.4	0.048	3.18	22.3	37.3	0.39	1140	2.16	0.05	8.5	2.7	630
Q926582		2.98	16.00	0.14	1.5	0.043	3.10	19.1	21.9	0.41	1060	1.12	0.63	8.0	2.2	550
Q926583		2.97	16.60	0.13	1.5	0.039	3.13	22.9	23.7	0.32	1010	1.19	0.51	8.2	2.4	600
Q926584		2.98	15.45	0.13	1.4	0.045	2.64	22.8	9.6	0.70	740	1.13	2.06	7.9	3.0	650
Q926585		3.00	16.85	0.15	1.6	0.040	3.14	29.7	25.1	0.49	883	1.54	0.82	8.2	2.4	600
Q926586		2.86	15.65	0.15	1.5	0.040	2.75	26.3	9.2	0.65	724	1.42	2.18	7.7	2.2	570
Q926587		2.91	15.95	0.14	1.5	0.039	2.96	26.8	11.6	0.58	945	1.40	1.72	7.8	2.7	580
Q926588		3.10	16.50	0.14	1.6	0.042	2.81	30.2	18.0	0.65	548	0.97	1.73	8.1	2.5	590
Q926589		2.96	16.20	0.13	1.6	0.045	3.41	26.7	36.8	0.27	2070	2.40	0.14	7.8	2.5	590
Q926590		3.06	17.25	0.14	1.7	0.053	2.95	31.8	23.0	0.46	831	1.43	0.77	9.1	2.6	630
Q926591		3.08	16.65	0.14	1.7	0.040	2.82	28.0	11.5	0.83	740	1.54	2.33	8.9	2.5	630
Q926592		2.97	17.60	0.16	1.5	0.042	2.80	26.8	19.7	0.73	679	1.12	1.92	9.4	3.0	600
Q926593		3.00	18.65	0.14	1.7	0.048	3.05	30.6	35.6	0.33	884	1.59	0.44	9.1	2.9	630
Q926594		2.98	17.95	0.15	1.7	0.046	2.74	28.7	21.2	0.66	640	1.10	1.62	9.0	2.7	610
Q926595		2.86	16.30	0.13	1.5	0.054	3.22	21.2	37.1	0.43	1950	2.06	0.13	8.0	2.8	560
Q926596		0.46	0.19	0.24	<0.1	0.006	0.02	0.5	1.0	13.35	197	0.13	<0.01	0.1	1.6	180
Q926597		3.01	19.85	0.20	2.1	0.053	3.15	25.0	87.8	0.44	1120	1.64	0.10	10.7	4.7	730
Q926598		3.86	19.70	0.16	4.0	0.043	1.45	35.0	247	1.12	1220	0.98	0.03	12.1	17.5	1910
Q926599		2.72	15.85	0.16	1.5	0.075	3.02	20.3	34.1	0.61	1240	1.79	0.08	7.7	3.0	540
Q926600		2.60	17.50	0.12	1.6	0.055	2.86	21.9	78.3	0.23	764	2.11	0.08	8.6	2.6	590
Q926601		3.05	17.95	0.14	1.8	0.042	3.25	27.2	38.2	0.30	633	1.81	0.19	8.8	2.8	600
Q926602		2.98	18.20	0.14	1.8	0.043	3.01	34.0	64.3	0.45	976	1.46	0.12	9.0	2.5	620
Q926603		9.00	14.40	0.11	0.9	1.580	2.64	19.5	17.3	0.68	2280	17.30	0.06	4.9	15.2	450
Q926604		3.22	12.95	0.11	1.0	0.037	2.15	21.3	31.2	0.69	7470	5.69	0.02	5.4	2.4	330
Q926605		2.89	16.45	0.13	1.4	0.062	3.22	28.4	18.8	0.64	3590	2.34	0.03	7.6	3.0	550
Q926606		0.47	0.18	0.18	<0.1	0.006	0.02	0.6	1.0	13.30	207	0.10	<0.01	0.1	1.4	170
Q926607		3.47	17.25	0.14	1.7	0.052	1.59	20.4	102.5	0.34	1580	4.16	0.02	8.8	2.5	600
Q926608		3.38	17.25	0.12	1.7	0.046	1.58	20.9	99.9	0.33	1560	5.32	0.02	8.5	2.5	600
Q926609		2.75	16.10	0.13	1.6	0.037	2.50	20.0	64.6	0.71	1900	2.22	0.04	7.9	2.4	550
Q926610		2.53	17.25	0.12	1.7	0.040	2.64	20.2	61.3	0.64	1640	1.15	0.07	8.7	2.4	600
Q926611		2.72	14.70	0.12	1.5	0.038	2.33	22.6	54.7	0.87	2320	0.80	0.05	7.6	2.8	550
Q926612		6.67	16.10	0.12	1.2	0.798	2.98	25.9	21.1	0.79	1850	9.12	0.13	6.9	13.1	550
Q926613		3.09	14.50	0.13	1.3	0.036	2.96	26.3	36.3	0.65	2390	1.37	0.05	6.9	3.0	480
Q926614		3.26	16.95	0.11	1.5	0.037	3.26	22.2	31.4	0.24	1080	2.12	0.07	8.4	2.5	590
Q926615		3.10	18.65	0.13	1.7	0.041	3.06	31.6	30.3	0.32	988	2.03	0.10	9.3	2.7	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120946

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926580		20.0	141.5	<0.002	0.11	18.35	10.1	1	2.3	50.0	0.63	<0.05	9.8	0.257	2.18	4.3
Q926581		15.2	149.5	<0.002	0.09	27.8	11.3	1	2.2	89.5	0.68	<0.05	12.7	0.284	2.25	4.5
Q926582		18.4	127.5	<0.002	0.02	13.55	9.7	1	2.2	127.5	0.67	<0.05	11.9	0.257	1.94	3.7
Q926583		17.7	141.0	<0.002	0.01	15.50	10.3	1	2.3	110.0	0.68	<0.05	13.2	0.260	1.99	3.9
Q926584		21.5	103.5	<0.002	0.01	2.61	10.0	1	2.2	359	0.63	<0.05	12.1	0.272	1.26	2.1
Q926585		19.8	143.5	<0.002	0.04	12.70	10.9	1	1.9	160.5	0.67	<0.05	15.5	0.272	1.78	3.9
Q926586		18.6	109.5	<0.002	0.01	2.33	10.2	1	1.6	361	0.62	<0.05	14.0	0.254	1.27	2.2
Q926587		19.4	129.5	<0.002	0.01	5.05	10.0	1	1.6	283	0.67	<0.05	14.4	0.261	1.57	2.9
Q926588		22.5	115.0	<0.002	0.01	4.96	10.5	1	1.7	294	0.67	<0.05	14.7	0.255	1.33	2.4
Q926589		47.1	165.5	<0.002	0.25	23.5	11.2	1	1.8	84.5	0.65	<0.05	13.8	0.258	2.42	5.4
Q926590		23.7	138.0	<0.002	0.07	11.45	11.4	1	2.0	154.0	0.78	<0.05	17.7	0.288	1.60	3.8
Q926591		20.1	120.5	<0.002	0.01	1.94	11.1	1	1.6	419	0.79	<0.05	17.0	0.278	1.31	3.6
Q926592		22.8	131.0	<0.002	0.01	3.95	11.0	1	1.9	332	0.79	<0.05	16.2	0.268	1.41	3.0
Q926593		20.5	147.5	<0.002	0.04	19.55	11.6	1	2.5	113.5	0.76	<0.05	16.8	0.285	1.74	4.5
Q926594		18.9	123.5	<0.002	0.02	5.76	11.1	1	2.5	286	0.71	<0.05	14.3	0.267	1.37	2.6
Q926595		72.9	155.0	<0.002	0.24	22.0	9.8	1	2.3	84.8	0.63	<0.05	11.9	0.248	2.45	4.6
Q926596		1.5	0.9	<0.002	<0.01	0.08	0.1	<1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q926597		21.3	150.5	<0.002	0.02	19.60	12.5	1	4.0	117.0	0.84	<0.05	15.6	0.313	1.81	5.8
Q926598		12.4	49.4	<0.002	0.01	36.9	8.3	1	1.3	746	0.70	<0.05	7.2	0.468	1.15	2.3
Q926599		17.6	123.5	<0.002	0.14	19.20	9.3	1	2.1	107.0	0.62	<0.05	10.9	0.246	2.29	5.1
Q926600		19.3	128.5	<0.002	0.10	34.2	10.4	1	2.2	139.5	0.72	<0.05	14.7	0.259	1.77	6.9
Q926601		16.9	161.5	<0.002	0.02	17.15	10.8	1	1.9	72.5	0.73	<0.05	16.3	0.270	1.90	4.4
Q926602		75.5	151.5	<0.002	0.07	37.4	11.0	<1	1.8	102.5	0.76	<0.05	18.1	0.270	1.88	4.3
Q926603		1660	154.5	0.002	7.98	108.0	8.2	2	10.8	63.1	0.41	0.71	9.2	0.171	2.35	5.6
Q926604		302	124.0	<0.002	2.10	124.5	7.0	1	6.4	48.8	0.44	<0.05	9.4	0.166	2.21	10.1
Q926605		56.6	180.0	0.003	1.63	27.4	10.1	1	2.0	37.1	0.65	<0.05	14.5	0.239	2.53	5.2
Q926606		1.5	1.0	<0.002	<0.01	0.16	0.1	<1	<0.2	46.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q926607		155.0	76.8	<0.002	0.17	48.2	10.5	1	2.2	147.5	0.74	<0.05	13.3	0.265	1.34	5.0
Q926608		150.5	77.9	<0.002	0.17	47.2	10.5	1	2.1	143.5	0.72	<0.05	13.1	0.258	1.30	4.7
Q926609		40.1	94.0	<0.002	0.26	24.1	9.6	1	1.9	123.0	0.65	<0.05	11.6	0.244	1.82	5.2
Q926610		19.7	97.5	<0.002	0.15	22.5	10.2	1	2.0	116.5	0.72	<0.05	12.1	0.260	1.82	6.3
Q926611		53.6	86.3	<0.002	0.18	30.8	9.4	1	1.8	113.0	0.65	<0.05	13.2	0.236	1.55	10.3
Q926612		1320	178.0	<0.002	4.77	69.1	9.6	2	8.2	99.5	0.56	1.08	13.0	0.220	2.74	5.5
Q926613		223	140.5	<0.002	1.27	51.2	9.0	1	2.4	85.0	0.56	<0.05	13.9	0.214	2.09	7.7
Q926614		53.2	141.0	<0.002	0.10	31.9	10.5	1	2.0	113.5	0.68	<0.05	14.1	0.261	1.72	3.6
Q926615		27.2	140.5	<0.002	0.02	26.2	11.4	1	1.9	66.1	0.77	<0.05	18.3	0.275	1.57	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120946

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926580		76	2.6	13.8	89	37.7
Q926581		79	2.5	15.1	78	41.7
Q926582		70	2.1	14.3	65	41.8
Q926583		72	2.2	15.1	66	43.4
Q926584		75	1.2	16.1	61	39.6
Q926585		74	2.7	17.0	61	44.4
Q926586		69	2.4	16.4	57	41.1
Q926587		67	2.7	17.4	61	44.8
Q926588		67	1.8	15.8	58	45.3
Q926589		70	3.6	15.1	103	45.0
Q926590		77	3.3	17.7	70	48.3
Q926591		74	3.1	18.9	57	45.8
Q926592		70	2.2	18.4	54	44.5
Q926593		74	5.6	17.4	61	47.2
Q926594		71	2.8	18.2	52	52.6
Q926595		66	5.6	15.0	65	44.3
Q926596		2	0.1	0.8	15	<0.5
Q926597		76	8.8	16.6	62	62.4
Q926598		93	4.4	16.0	82	159.5
Q926599		67	2.9	14.5	66	45.8
Q926600		71	4.1	12.6	64	47.1
Q926601		72	4.1	16.2	65	49.6
Q926602		71	8.8	17.5	136	52.1
Q926603		58	7.4	9.9	3350	24.8
Q926604		47	4.8	11.5	2410	30.8
Q926605		67	3.8	15.2	163	37.2
Q926606		2	0.1	0.8	15	<0.5
Q926607		72	5.9	18.0	363	58.5
Q926608		69	5.8	18.1	350	57.7
Q926609		64	3.4	13.6	97	45.0
Q926610		70	3.4	13.6	56	46.6
Q926611		66	3.3	14.8	102	41.9
Q926612		64	6.2	12.8	2430	32.6
Q926613		64	3.1	13.6	661	37.8
Q926614		74	4.0	17.8	280	48.9
Q926615		72	5.0	17.0	91	49.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120946

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31d	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-QC
SPL-21d			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

CERTIFICATE WH14120947

Project: KLAZA

P.O. No.: BATCH 131

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120947

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926616		9.58	<0.005	0.10	8.12	5.3	2560	1.22	1.70	0.85	0.11	59.3	7.6	7	10.95	9.2
Q926617		5.39	<0.005	0.10	7.65	6.1	2090	1.27	1.40	1.64	0.09	47.8	7.5	6	15.00	8.2
Q926618		4.71	<0.005	0.10	7.66	9.8	2060	1.46	1.28	1.77	0.08	46.9	7.3	6	16.85	8.4
Q926619		11.43	<0.005	0.12	7.89	9.2	2000	1.25	2.78	1.67	0.09	48.5	6.5	6	15.35	7.8
Q926620		<0.02	<0.005	0.08	7.45	8.8	1910	1.33	0.56	1.67	0.10	40.9	6.7	6	14.95	6.0
Q926621		4.67	<0.005	0.09	8.48	7.5	1910	1.37	0.64	0.91	0.09	53.9	6.4	6	13.90	7.7
Q926622		4.57	<0.005	0.28	7.89	6.3	2060	1.38	0.93	1.49	0.09	52.8	6.9	7	16.60	6.5
Q926623		2.79	<0.005	0.49	7.07	14.7	1230	1.47	1.40	1.61	0.06	46.7	7.7	6	15.30	5.7
Q926624		0.32	0.375	4.50	6.75	711	1230	1.48	3.10	2.06	10.95	51.2	12.7	23	13.60	308
Q926625		3.45	<0.005	0.08	6.90	15.8	2440	1.22	0.86	3.35	0.10	52.9	7.2	6	10.00	6.5
Q926626		6.78	<0.005	0.08	8.30	6.3	2140	1.34	0.44	0.74	0.08	61.6	7.8	7	17.40	10.0
Q926627		2.11	<0.005	0.06	7.60	6.8	2100	1.79	0.73	2.02	0.08	43.9	6.2	7	16.80	7.8
Q926628		3.30	<0.005	0.10	7.70	7.4	2870	1.64	0.41	1.80	0.09	52.5	8.2	8	14.90	2.7
Q926629		7.14	<0.005	0.15	8.53	6.3	2050	1.41	2.04	0.68	0.09	57.5	7.6	8	14.65	7.7
Q926630		4.47	<0.005	0.06	7.25	5.9	2490	1.48	0.54	2.99	0.10	45.6	6.4	7	9.29	4.2
Q926631		2.68	<0.005	0.06	7.37	6.3	3660	1.35	2.11	2.44	0.11	46.9	6.7	6	12.80	10.2
Q926632		1.95	<0.005	0.04	8.21	7.1	3010	1.55	0.84	0.91	0.05	55.9	6.4	6	16.10	3.2
Q926633		1.13	0.008	0.04	8.03	7.1	2710	1.49	0.86	0.90	0.05	50.3	6.6	6	14.40	3.5
Q926634		3.35	<0.005	0.07	7.41	5.9	2110	1.45	0.85	2.59	0.07	41.4	7.3	7	13.60	6.7
Q926635		4.44	<0.005	0.07	7.42	9.7	2340	1.64	1.08	2.34	0.10	41.0	7.1	7	16.00	6.5
Q926636		1.66	<0.005	0.05	7.13	10.5	2040	1.48	0.31	2.03	0.10	42.2	6.3	7	16.10	2.8
Q926637		1.70	0.545	2.32	6.59	201	1880	1.43	0.20	2.78	6.91	35.7	6.1	6	16.25	18.7
Q926638		5.99	<0.005	0.08	7.50	6.0	2400	1.64	0.13	2.72	0.14	46.7	7.1	9	14.00	4.7
Q926639		5.55	<0.005	0.09	7.09	9.5	2300	1.48	0.18	2.66	0.12	40.2	6.8	8	14.15	4.8
Q926640		9.39	0.006	0.07	7.62	9.4	2340	1.51	0.20	2.52	0.13	47.0	7.1	9	15.00	6.6
Q926641		3.30	0.309	0.83	6.85	248	2580	1.59	0.18	2.50	1.90	39.2	6.5	6	15.85	14.2
Q926642		5.60	<0.005	0.01	0.09	0.8	50	0.05	0.01	21.5	0.06	1.19	0.7	<1	0.18	2.7
Q926643		4.55	<0.005	0.19	7.56	53.0	1990	1.28	0.16	1.11	0.24	34.5	7.6	7	16.75	6.8
Q926644		0.31	0.933	11.30	6.63	1550	1280	1.37	11.20	1.88	32.1	47.4	17.5	17	13.50	281
Q926645		1.83	0.112	0.48	6.48	197.5	2390	1.57	0.26	3.32	0.31	46.4	6.0	5	14.20	3.7
Q926646		6.46	<0.005	0.11	7.60	14.0	2610	1.50	0.40	2.25	0.15	43.7	6.7	7	15.60	5.8
Q926647		2.05	0.051	1.14	6.83	625	2520	1.57	0.27	2.37	1.78	37.0	6.7	4	18.35	9.6
Q926648		5.54	<0.005	0.04	0.05	1.5	70	0.05	0.02	21.1	0.06	1.46	0.6	1	0.16	3.3
Q926649		5.24	<0.005	0.16	7.18	10.5	2500	1.53	1.29	2.59	0.21	45.2	7.0	10	18.40	6.7
Q926650		6.53	0.020	0.24	7.24	42.8	1880	1.50	0.25	1.86	0.47	43.8	6.9	9	17.50	7.2
Q926651		4.90	0.014	0.09	7.34	55.3	1090	1.52	0.08	2.94	0.28	70.4	10.2	42	28.0	26.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120947

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926616		3.18	17.35	0.16	1.7	0.039	3.12	31.7	29.9	0.61	756	1.07	0.66	8.1	2.7	650
Q926617		2.86	16.35	0.13	1.8	0.036	3.08	23.5	28.0	0.59	780	1.18	0.61	8.1	2.3	580
Q926618		3.01	16.75	0.13	1.8	0.040	2.97	22.8	28.0	0.70	827	1.01	0.20	7.9	2.4	590
Q926619		2.84	16.55	0.13	1.8	0.035	2.89	23.9	34.2	0.64	787	0.94	0.16	8.1	2.1	600
Q926620		2.82	16.50	0.13	1.8	0.039	2.85	18.1	34.2	0.60	786	1.08	0.15	8.2	2.3	590
Q926621		2.76	18.10	0.11	1.9	0.040	3.13	26.8	31.5	0.45	773	0.95	0.08	8.8	2.2	630
Q926622		3.00	16.20	0.13	1.8	0.032	2.86	26.7	31.2	0.61	809	0.77	0.08	8.2	2.2	610
Q926623		2.50	14.55	0.12	1.7	0.042	2.14	24.1	66.5	0.70	739	0.45	0.03	7.4	2.2	530
Q926624		5.04	15.95	0.12	1.1	0.309	3.02	27.3	27.5	0.79	1860	14.80	0.15	6.1	14.7	520
Q926625		2.52	14.45	0.16	1.6	0.031	1.86	28.2	76.8	0.97	1040	0.76	0.06	7.2	2.2	530
Q926626		2.98	18.30	0.13	2.1	0.041	3.15	32.4	42.8	0.67	599	1.04	0.42	9.0	2.5	620
Q926627		2.66	16.20	0.16	1.7	0.034	3.12	21.3	26.4	0.44	566	0.92	1.96	7.9	2.2	590
Q926628		2.97	16.05	0.11	1.6	0.035	2.39	27.5	32.1	0.90	932	0.51	0.05	7.5	2.4	600
Q926629		3.22	17.95	0.12	2.0	0.037	3.27	29.3	35.3	0.55	522	0.77	0.44	9.4	2.4	660
Q926630		2.94	16.40	0.16	1.4	0.034	2.76	22.8	31.3	1.10	1020	0.44	0.19	7.2	2.2	570
Q926631		2.80	16.35	0.18	1.5	0.043	2.91	23.4	52.1	0.88	856	0.49	0.26	7.6	2.2	600
Q926632		3.05	18.40	0.13	1.5	0.055	3.37	29.7	31.1	0.45	621	0.36	1.04	7.7	2.1	620
Q926633		3.05	17.20	0.14	1.4	0.045	3.19	26.5	29.7	0.46	630	0.33	0.96	7.2	2.2	570
Q926634		3.17	16.65	0.14	1.6	0.037	2.71	18.0	22.2	0.68	686	0.76	1.30	8.0	2.4	650
Q926635		3.10	16.85	0.16	1.6	0.036	3.00	18.2	22.8	0.60	698	0.69	1.64	8.1	2.7	630
Q926636		2.68	15.55	0.17	1.7	0.039	2.82	20.4	29.2	0.67	838	0.93	1.25	8.0	2.3	620
Q926637		2.92	15.60	0.14	1.4	0.031	3.32	15.5	22.2	0.47	1430	1.56	0.64	7.3	2.1	550
Q926638		3.04	16.40	0.16	1.6	0.037	2.86	21.6	16.7	0.74	715	0.83	2.35	7.8	2.5	610
Q926639		2.97	16.20	0.16	1.6	0.034	2.90	18.2	16.3	0.51	891	1.32	1.77	7.4	2.6	580
Q926640		3.04	16.05	0.14	1.5	0.034	3.04	23.1	20.4	0.67	815	0.85	1.86	7.7	2.4	630
Q926641		2.95	15.85	0.16	1.3	0.031	3.31	17.5	49.6	0.73	4260	1.55	0.06	7.2	2.7	560
Q926642		0.50	0.32	0.31	<0.1	<0.005	0.03	0.5	1.2	13.40	218	0.06	0.01	0.2	1.6	180
Q926643		2.95	17.75	0.19	1.6	0.030	3.06	14.6	38.6	0.27	1280	0.98	0.10	8.3	2.7	640
Q926644		6.61	15.40	0.11	1.1	0.747	2.91	25.0	19.8	0.78	1800	8.71	0.13	6.1	12.1	540
Q926645		2.99	13.85	0.16	1.4	0.033	3.13	25.0	31.7	1.06	3470	2.04	0.04	6.6	2.3	470
Q926646		2.89	16.50	0.13	1.5	0.033	2.96	20.7	42.6	0.57	935	1.20	1.11	7.8	2.4	620
Q926647		3.44	16.35	0.13	1.3	0.034	4.00	16.4	18.1	0.62	10550	4.02	0.09	7.4	2.7	540
Q926648		0.46	0.21	0.25	<0.1	<0.005	0.02	0.7	1.0	13.45	209	0.29	<0.01	0.4	2.0	250
Q926649		2.96	15.85	0.23	1.4	0.032	2.93	21.3	14.7	0.67	804	4.18	2.17	7.9	3.1	590
Q926650		3.03	15.40	0.17	1.3	0.053	3.33	21.5	38.7	0.50	1160	1.90	0.54	7.3	3.2	590
Q926651		3.58	17.45	0.18	4.0	0.036	1.40	34.7	374	1.06	1190	1.22	0.03	10.0	17.3	1650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120947

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926616		20.4	127.0	<0.002	0.03	12.55	10.7	2	2.0	101.0	0.71	<0.05	15.9	0.276	1.38	3.0
Q926617		20.5	116.0	<0.002	0.04	10.40	9.4	1	1.8	119.0	0.75	<0.05	13.4	0.249	1.40	3.9
Q926618		18.1	108.0	<0.002	0.04	13.10	9.8	1	1.8	109.5	0.68	<0.05	13.2	0.255	1.47	3.8
Q926619		18.3	103.5	<0.002	0.04	17.05	9.7	1	1.7	135.5	0.73	<0.05	13.3	0.254	1.39	3.3
Q926620		16.8	94.1	<0.002	0.04	17.45	9.4	1	1.8	134.5	0.71	<0.05	11.7	0.261	1.44	3.4
Q926621		15.3	126.5	<0.002	0.03	19.00	11.0	1	1.9	68.6	0.82	<0.05	15.3	0.267	1.38	3.4
Q926622		16.1	113.5	<0.002	0.04	18.55	10.3	1	1.9	99.7	0.77	<0.05	14.2	0.254	1.41	2.5
Q926623		10.1	85.5	<0.002	0.16	22.9	9.1	1	1.7	122.0	0.72	<0.05	12.7	0.228	2.42	4.6
Q926624		469	163.5	0.004	2.73	27.8	9.2	1	5.7	110.5	0.52	0.30	11.2	0.211	2.47	5.1
Q926625		18.2	80.7	<0.002	0.18	19.65	9.4	1	1.7	203	0.62	<0.05	13.5	0.219	1.25	7.5
Q926626		20.3	137.0	<0.002	0.02	12.15	10.5	1	2.4	97.8	0.85	<0.05	16.8	0.273	1.35	4.5
Q926627		18.1	115.5	<0.002	0.02	6.99	9.4	1	1.7	313	0.83	<0.05	12.7	0.252	1.41	3.6
Q926628		6.2	103.5	<0.002	0.07	19.20	9.8	1	1.7	102.5	0.67	<0.05	13.3	0.257	1.27	2.3
Q926629		20.4	137.5	<0.002	0.01	13.70	11.1	1	2.0	83.7	0.98	<0.05	16.5	0.285	1.46	3.9
Q926630		9.1	94.4	<0.002	0.05	13.40	9.0	1	1.6	128.5	0.61	<0.05	11.8	0.245	1.58	4.6
Q926631		15.7	96.3	<0.002	0.06	18.90	9.9	1	1.8	178.5	0.62	<0.05	12.5	0.254	1.48	2.1
Q926632		12.3	139.5	<0.002	0.04	14.30	10.0	1	1.8	115.5	0.67	<0.05	15.0	0.258	1.74	2.6
Q926633		11.4	134.5	<0.002	0.04	12.55	9.5	1	1.6	105.0	0.65	<0.05	14.9	0.245	1.59	3.7
Q926634		18.5	84.3	<0.002	0.03	5.71	10.2	1	2.0	278	0.67	<0.05	10.1	0.284	1.21	3.3
Q926635		17.6	95.9	<0.002	0.03	5.13	10.1	1	2.1	276	0.68	<0.05	10.9	0.278	1.41	3.6
Q926636		14.5	95.9	<0.002	0.03	5.98	9.6	1	2.2	258	0.69	<0.05	12.9	0.262	1.48	3.7
Q926637		869	124.0	0.002	0.18	20.3	8.5	1	1.4	120.5	0.61	<0.05	9.7	0.241	2.12	3.8
Q926638		20.2	96.4	<0.002	0.01	2.37	9.9	1	1.5	383	0.64	<0.05	12.0	0.259	1.15	2.2
Q926639		23.9	98.2	<0.002	0.02	5.29	9.1	1	1.4	292	0.67	<0.05	10.5	0.258	1.28	2.4
Q926640		18.4	112.5	<0.002	0.03	4.63	9.8	<1	1.5	326	0.67	<0.05	12.0	0.272	1.30	2.3
Q926641		166.5	129.0	<0.002	0.81	29.3	9.1	1	1.5	93.8	0.61	<0.05	10.2	0.246	2.31	2.8
Q926642		1.5	1.3	<0.002	<0.01	0.08	0.2	<1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q926643		21.9	123.5	<0.002	0.04	22.2	11.1	1	1.7	73.1	0.70	<0.05	11.2	0.274	1.72	4.1
Q926644		1275	164.5	0.002	4.69	60.7	9.0	2	8.0	99.2	0.51	1.10	10.8	0.217	2.53	5.3
Q926645		34.9	163.0	<0.002	0.71	24.7	8.3	1	1.4	90.7	0.62	<0.05	13.4	0.197	2.26	3.9
Q926646		18.7	108.5	<0.002	0.05	10.60	9.7	1	1.7	230	0.67	<0.05	11.6	0.265	1.48	3.2
Q926647		103.0	157.5	<0.002	0.99	23.0	9.2	<1	2.0	79.7	0.64	<0.05	9.9	0.248	2.83	2.5
Q926648		3.1	1.2	<0.002	<0.01	0.80	0.2	1	<0.2	54.7	0.07	0.05	<0.2	<0.005	<0.02	0.9
Q926649		25.2	110.5	0.002	0.02	3.63	10.0	<1	2.1	359	0.64	<0.05	12.1	0.252	1.41	2.3
Q926650		23.9	144.5	<0.002	0.20	12.80	9.7	1	2.1	121.5	0.58	<0.05	11.9	0.247	1.92	3.6
Q926651		11.3	56.5	<0.002	0.04	38.5	8.3	1	1.3	691	0.59	<0.05	7.3	0.422	0.92	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120947

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926616		73	4.3	17.0	64	48.0
Q926617		66	3.7	14.7	50	51.4
Q926618		72	3.6	15.5	50	53.1
Q926619		69	4.1	15.1	49	51.1
Q926620		68	4.3	13.7	48	50.2
Q926621		70	4.5	15.4	48	53.9
Q926622		66	3.4	15.9	50	52.2
Q926623		60	2.1	13.2	52	47.3
Q926624		66	5.6	11.6	871	30.4
Q926625		58	2.5	17.5	49	42.5
Q926626		71	3.8	17.6	54	59.4
Q926627		66	1.6	13.4	47	46.4
Q926628		69	2.0	16.0	58	47.1
Q926629		77	3.4	17.3	54	54.3
Q926630		67	1.7	14.2	55	39.8
Q926631		68	1.9	14.2	56	41.2
Q926632		76	3.1	15.4	49	45.7
Q926633		68	2.6	14.7	46	40.4
Q926634		75	1.6	15.0	52	49.6
Q926635		74	1.6	13.7	50	48.4
Q926636		65	2.7	14.2	66	50.7
Q926637		68	2.2	12.3	800	40.0
Q926638		73	1.0	15.3	78	41.5
Q926639		69	1.5	13.6	59	44.5
Q926640		72	2.2	15.3	58	37.4
Q926641		68	3.5	13.0	259	35.1
Q926642		2	0.1	0.8	15	<0.5
Q926643		76	5.9	11.9	80	47.8
Q926644		62	6.0	11.2	2330	28.0
Q926645		56	2.1	15.3	67	34.4
Q926646		72	1.9	13.9	56	39.7
Q926647		68	4.3	13.3	219	34.2
Q926648		2	0.1	0.9	16	<0.5
Q926649		70	2.3	15.7	68	38.7
Q926650		67	3.1	12.7	93	38.1
Q926651		90	2.6	15.0	97	163.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14120947

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121780

Project: KLAZA

P.O. No.: BATCH 140

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

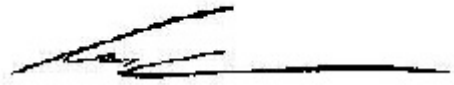
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121780

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926724		3.62	<0.005	0.52	6.84	100.5	2120	1.65	0.33	2.39	5.03	46.8	7.2	11	18.00	29.6
Q926725		2.12	0.254	3.80	6.21	357	950	1.41	0.17	2.20	26.9	47.3	5.8	9	15.25	34.1
Q926726		3.75	0.121	0.85	6.81	14.3	2190	1.48	0.29	2.45	0.48	45.9	6.8	11	18.10	65.6
Q926727		5.96	<0.005	0.15	7.00	5.4	2300	1.66	0.24	2.70	0.14	47.8	7.9	12	16.95	10.6
Q926728		4.73	<0.005	0.18	7.49	3.9	2250	1.59	0.38	2.57	0.18	52.2	7.1	14	15.00	5.7
Q926729		0.30	0.356	4.24	6.61	718	390	1.49	3.26	2.07	10.90	50.3	12.5	24	13.80	316
Q926730		1.25	1.210	4.18	5.90	1290	1280	1.46	0.23	2.35	2.70	43.5	5.8	12	12.95	13.8
Q926731		2.80	<0.005	0.21	7.24	6.8	2200	1.68	0.30	2.64	0.17	55.0	7.2	11	15.75	6.3
Q926732		10.55	<0.005	0.19	7.38	5.8	2210	1.70	0.29	2.71	0.18	53.1	7.3	12	9.00	6.6
Q926733		8.66	<0.005	0.28	7.42	6.6	2380	1.64	0.29	2.59	0.22	59.1	8.2	13	11.00	9.7
Q926734		3.48	<0.005	0.19	7.34	9.0	1950	1.68	0.36	2.38	0.14	53.5	9.5	11	12.80	7.3
Q926735		2.51	<0.005	0.21	7.24	17.8	1630	1.47	0.49	2.53	0.15	50.0	8.7	12	13.30	6.0
Q926736		3.24	<0.005	0.15	7.13	6.3	1920	1.53	0.29	2.34	0.14	45.1	6.7	11	12.20	10.4
Q926737		7.99	0.020	0.17	7.53	5.9	2170	1.71	0.22	2.29	0.21	52.6	7.5	15	14.95	6.9
Q926738		3.39	0.586	0.45	6.99	17.0	1760	1.58	0.36	2.03	0.26	48.0	6.0	14	19.40	15.5
Q926739		3.94	1.540	>100	6.49	3330	1190	1.52	0.25	2.38	26.3	47.6	6.6	12	17.45	62.4
Q926740		2.67	0.006	1.44	7.37	17.0	2470	1.49	0.29	2.07	0.19	50.6	7.4	9	17.15	6.9
Q926741		2.13	<0.005	0.38	7.13	4.1	2300	1.49	0.34	2.62	0.17	48.5	7.2	9	16.65	6.0
Q926742		6.40	<0.005	2.34	6.57	13.0	2110	1.44	0.46	3.44	1.78	51.1	7.8	11	14.15	15.2
Q926743		4.03	0.406	20.5	6.99	42.3	2020	1.53	0.76	2.50	24.6	52.4	7.6	10	15.90	186.5
Q926744		5.57	<0.005	0.06	0.07	0.4	30	0.07	0.02	21.1	0.10	1.20	0.7	<1	0.18	1.6
Q926745		6.92	<0.005	0.38	7.34	7.6	2260	1.53	0.76	2.61	0.25	50.0	7.7	12	12.80	18.5
Q926746		3.98	<0.005	0.37	7.15	14.0	2200	1.54	0.36	2.64	0.27	50.7	8.1	12	15.65	20.6
Q926747		<0.02	<0.005	0.30	6.98	14.0	2160	1.58	0.34	2.65	0.24	47.3	7.8	17	15.00	20.1
Q926748		2.27	0.019	0.39	6.94	422	1780	1.24	0.53	1.55	0.59	47.9	7.5	12	19.10	17.2
Q926749		0.30	0.873	12.10	6.38	1575	140	1.35	12.15	1.88	31.9	43.4	17.8	18	13.50	290
Q926750		6.04	0.008	0.31	6.48	157.0	2030	1.18	0.40	1.79	0.52	37.6	7.5	10	13.65	12.2
Q926751		3.70	<0.005	0.21	6.73	11.4	2140	1.55	0.72	2.57	0.45	45.6	7.2	12	18.10	10.2
Q926752		9.18	0.005	0.26	7.23	6.5	2230	1.54	0.39	2.53	0.41	46.3	7.3	12	11.85	11.2
Q926753		5.13	<0.005	0.14	7.26	5.7	2170	1.43	0.31	2.00	0.17	45.8	7.1	10	14.50	7.3
Q926754		1.57	<0.005	0.10	6.44	8.4	1760	1.58	0.27	3.16	0.23	48.9	8.1	13	19.00	10.0
Q926755		1.14	<0.005	0.10	6.79	7.3	1780	1.36	0.28	2.70	0.23	48.4	7.5	12	19.40	8.7
Q926756		10.14	<0.005	0.14	7.14	7.3	2200	1.55	0.30	2.67	0.18	50.6	7.5	13	13.70	18.2
Q926757		5.55	<0.005	<0.01	0.07	<0.2	30	0.06	0.01	20.2	0.05	1.14	0.6	<1	0.19	2.5
Q926758		8.70	<0.005	0.13	7.42	6.6	2170	1.47	0.30	2.40	0.17	51.2	7.1	11	18.40	11.7
Q926759		3.97	<0.005	0.11	7.02	12.1	1530	1.31	0.28	2.98	0.26	52.2	7.6	13	16.45	8.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926724		2.88	15.30	0.12	1.4	0.038	3.12	21.9	21.4	0.67	1210	1.34	1.45	7.5	2.5	550
Q926725		2.97	14.25	0.09	1.1	0.033	3.15	25.1	43.0	0.76	11350	2.97	0.04	6.5	2.5	480
Q926726		2.92	15.95	0.11	1.4	0.041	3.22	21.6	43.9	0.64	1390	1.18	0.88	7.5	2.3	550
Q926727		3.18	15.35	0.16	1.4	0.042	2.68	22.8	16.7	0.80	960	1.41	2.06	7.8	2.8	700
Q926728		2.92	16.25	0.12	1.5	0.039	2.79	25.7	21.3	0.73	788	1.49	2.15	8.2	2.7	600
Q926729		5.06	15.30	0.08	1.0	0.315	2.95	27.4	26.9	0.78	1870	14.95	0.15	5.8	15.3	530
Q926730		3.37	14.00	0.08	1.2	0.049	3.29	22.2	33.5	0.57	12900	2.39	0.10	6.1	2.7	450
Q926731		2.92	16.25	0.12	1.6	0.034	2.69	26.8	19.7	0.72	792	1.40	2.26	8.1	2.6	590
Q926732		2.98	15.90	0.15	1.5	0.041	2.74	26.2	17.8	0.81	827	1.56	2.21	8.0	2.8	600
Q926733		3.21	16.05	0.14	1.6	0.043	2.75	29.6	20.2	0.89	877	1.78	2.31	8.0	2.6	650
Q926734		3.19	16.55	0.12	1.6	0.036	2.82	26.4	25.0	0.80	689	1.30	1.37	8.2	2.8	620
Q926735		2.88	15.70	0.14	1.4	0.043	3.09	24.9	37.3	0.87	1460	1.19	0.10	7.6	2.8	600
Q926736		2.89	16.00	0.10	1.5	0.035	2.96	22.0	26.1	0.65	702	1.28	1.01	8.0	2.3	590
Q926737		3.10	15.90	0.14	1.5	0.036	2.77	26.7	27.6	0.78	683	1.53	1.73	7.7	2.6	590
Q926738		2.81	15.70	0.11	1.4	0.038	3.37	23.6	151.0	0.72	1660	2.49	0.11	7.4	2.4	550
Q926739		3.11	14.70	0.12	1.4	0.036	3.17	24.2	111.5	0.80	1980	1.83	0.06	6.9	2.5	520
Q926740		3.15	15.85	0.12	1.4	0.040	3.46	25.0	48.6	0.83	1240	1.27	0.68	7.7	2.6	590
Q926741		2.86	15.85	0.12	1.4	0.037	2.83	22.8	12.6	0.72	765	1.12	2.21	7.5	2.7	570
Q926742		2.93	15.35	0.12	1.5	0.038	2.63	24.4	16.6	0.72	911	1.64	1.94	7.6	2.4	570
Q926743		3.18	15.65	0.13	1.1	0.170	2.86	25.0	16.1	0.72	1600	3.36	1.44	7.8	2.6	580
Q926744		0.47	0.29	0.29	<0.1	0.005	0.02	0.6	1.2	13.10	197	0.11	0.01	0.2	1.6	200
Q926745		3.02	15.75	0.26	1.1	0.044	2.79	24.4	12.1	0.78	801	2.70	2.29	8.0	2.5	610
Q926746		3.03	16.35	0.21	1.2	0.053	2.95	23.8	16.0	0.71	1600	2.64	1.68	8.4	2.7	610
Q926747		3.01	15.80	0.16	1.1	0.041	2.91	22.4	15.5	0.72	1630	3.27	1.66	8.1	3.0	590
Q926748		3.00	15.80	0.15	1.1	0.053	3.32	23.0	20.2	0.56	4520	3.11	0.26	8.0	2.6	570
Q926749		6.53	14.55	0.09	1.1	0.811	2.85	21.8	19.4	0.76	1780	8.74	0.13	5.9	12.4	530
Q926750		2.92	14.75	0.10	1.0	0.053	2.46	16.6	31.3	0.51	1860	5.28	0.10	7.6	2.5	560
Q926751		2.89	15.25	0.16	1.2	0.042	2.69	21.3	10.8	0.55	898	2.18	1.96	7.9	2.9	570
Q926752		3.02	15.60	0.14	1.2	0.036	2.66	22.3	15.3	0.69	711	1.99	2.09	7.6	2.6	590
Q926753		2.99	15.85	0.15	1.2	0.039	2.71	21.8	33.2	0.59	723	5.43	0.98	7.9	2.4	600
Q926754		3.01	15.30	0.13	1.2	0.047	2.38	22.7	36.9	0.90	1280	5.04	0.74	8.5	2.9	680
Q926755		2.72	15.90	0.13	1.3	0.044	2.60	22.5	44.5	0.73	918	3.52	0.70	8.0	2.5	600
Q926756		3.05	16.65	0.20	1.3	0.035	2.64	25.5	18.0	0.74	767	5.58	2.14	8.7	3.4	590
Q926757		0.45	0.30	0.32	<0.1	<0.005	0.02	0.6	1.0	12.75	189	0.17	0.01	0.2	1.4	160
Q926758		3.04	16.45	0.33	1.4	0.039	2.61	26.2	30.8	0.73	695	4.10	1.66	8.5	2.4	620
Q926759		3.03	16.30	0.23	1.3	0.039	2.21	28.0	70.6	1.06	1180	2.26	0.14	8.4	2.5	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121780

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926724		179.0	129.5	<0.002	0.15	18.05	10.7	1	1.7	275	0.66	<0.05	13.7	0.247	1.66	6.7
Q926725		645	159.0	<0.002	1.36	111.0	8.8	<1	2.5	70.8	0.55	<0.05	12.0	0.206	2.46	7.5
Q926726		58.4	128.5	<0.002	0.15	12.40	10.6	<1	1.7	203	0.65	<0.05	13.3	0.247	1.80	4.9
Q926727		22.3	100.5	<0.002	0.02	3.39	11.7	1	1.9	366	0.68	<0.05	12.3	0.280	1.19	3.4
Q926728		26.7	111.0	<0.002	0.01	3.66	11.3	1	1.6	360	0.72	<0.05	14.2	0.259	1.17	4.3
Q926729		494	160.5	0.005	2.70	28.3	9.4	<1	5.7	110.5	0.49	0.30	11.4	0.202	2.48	5.2
Q926730		314	164.5	<0.002	1.49	48.2	8.2	<1	1.5	90.9	0.55	<0.05	11.8	0.193	2.48	6.9
Q926731		32.7	107.0	<0.002	0.02	3.15	11.1	1	1.6	374	0.72	<0.05	15.2	0.255	1.09	4.5
Q926732		32.1	109.0	<0.002	0.03	2.23	10.9	1	1.6	372	0.73	<0.05	14.8	0.257	1.18	4.8
Q926733		38.1	108.5	<0.002	0.01	2.56	11.9	1	1.7	405	0.66	<0.05	14.6	0.272	1.04	4.6
Q926734		21.6	119.5	<0.002	0.07	4.79	11.9	1	1.9	238	0.68	<0.05	14.6	0.271	1.39	5.3
Q926735		18.3	127.5	<0.002	0.15	12.30	10.8	1	1.8	126.0	0.64	<0.05	14.1	0.250	1.80	7.0
Q926736		28.0	112.5	<0.002	0.03	7.87	10.6	1	2.0	207	0.69	<0.05	13.1	0.260	1.44	4.0
Q926737		25.5	113.0	<0.002	0.03	5.92	10.9	<1	1.7	306	0.67	<0.05	14.5	0.260	1.13	4.5
Q926738		19.1	138.0	<0.002	0.17	25.2	10.5	1	1.7	124.0	0.61	<0.05	13.2	0.246	2.00	4.1
Q926739		2650	147.5	<0.002	0.95	809	9.8	1	7.3	127.0	0.60	<0.05	13.2	0.224	2.51	9.4
Q926740		26.1	145.5	<0.002	0.12	16.90	11.5	1	1.9	174.5	0.64	<0.05	13.3	0.252	1.93	4.2
Q926741		33.2	107.0	<0.002	0.01	3.72	10.4	1	1.5	382	0.62	<0.05	13.2	0.248	1.19	3.9
Q926742		130.0	103.0	<0.002	0.06	6.92	10.6	1	1.7	350	0.64	<0.05	14.4	0.246	1.23	5.0
Q926743		>10000	134.0	<0.002	0.77	320	10.8	1	2.0	270	0.67	<0.05	12.9	0.246	2.67	4.9
Q926744		20.7	1.1	<0.002	<0.01	1.02	0.2	<1	<0.2	49.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q926745		35.2	121.0	<0.002	0.04	3.38	10.9	1	2.1	373	0.68	<0.05	14.1	0.260	1.31	4.2
Q926746		58.9	134.5	<0.002	0.23	9.01	11.4	<1	2.1	288	0.66	<0.05	14.0	0.266	1.65	4.5
Q926747		32.6	123.0	<0.002	0.21	8.10	11.4	1	2.1	286	0.66	<0.05	13.3	0.255	1.52	4.3
Q926748		30.0	162.5	<0.002	0.33	28.7	10.8	1	2.1	97.4	0.65	<0.05	13.1	0.252	2.09	3.7
Q926749		1300	160.0	0.002	4.64	63.5	9.4	2	8.1	96.5	0.53	1.89	10.6	0.205	2.53	5.3
Q926750		29.8	100.5	<0.002	0.16	26.7	9.7	1	1.9	85.3	0.63	<0.05	11.1	0.245	1.47	3.3
Q926751		25.7	111.5	<0.002	0.03	4.07	10.4	1	1.9	323	0.65	<0.05	12.8	0.249	1.30	3.9
Q926752		33.5	104.0	<0.002	0.02	3.39	10.6	<1	1.8	349	0.67	<0.05	12.8	0.254	1.08	3.5
Q926753		21.6	106.0	<0.002	0.02	12.95	10.8	1	2.0	206	0.66	<0.05	13.1	0.253	1.16	3.6
Q926754		25.4	99.9	<0.002	0.07	6.32	13.4	1	2.4	184.5	0.66	<0.05	11.7	0.270	1.42	8.2
Q926755		27.5	105.0	<0.002	0.08	6.52	12.1	1	2.1	180.5	0.72	<0.05	12.8	0.257	1.44	5.7
Q926756		31.3	107.0	<0.002	0.05	2.33	10.7	1	1.9	357	0.75	<0.05	13.4	0.256	1.15	3.6
Q926757		1.7	1.2	<0.002	<0.01	0.06	0.1	<1	<0.2	47.3	<0.05	<0.05	0.2	<0.005	<0.02	0.8
Q926758		25.7	110.0	<0.002	0.03	5.70	10.7	1	2.0	311	0.71	<0.05	13.4	0.266	1.21	3.6
Q926759		25.5	95.6	<0.002	0.09	15.00	11.0	1	2.0	163.0	0.71	<0.05	13.5	0.254	1.36	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121780

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
Q926724		67	2.5	16.5	629	38.1		
Q926725		55	3.5	14.5	2290	33.2		
Q926726		67	2.0	15.7	100	41.1		
Q926727		81	2.0	17.6	65	39.4		
Q926728		71	1.8	18.6	64	41.2		
Q926729		67	5.4	12.3	891	30.3		
Q926730		52	3.3	14.3	491	33.8		
Q926731		68	1.9	18.4	64	44.1		
Q926732		70	2.0	18.4	69	42.9		
Q926733		79	3.4	19.1	80	43.9		
Q926734		74	2.2	16.0	63	44.2		
Q926735		67	4.0	16.4	62	38.7		
Q926736		69	2.3	15.5	64	43.3		
Q926737		69	1.5	17.3	72	42.2		
Q926738		65	2.8	15.1	81	39.5		
Q926739		61	2.6	15.3	1980	39.1	801	
Q926740		72	2.9	16.8	62	39.6		
Q926741		66	1.6	16.5	64	40.7		
Q926742		67	2.0	18.0	206	40.9		
Q926743		67	2.1	17.4	2870	29.0		1.290
Q926744		1	0.1	0.8	20	<0.5		
Q926745		69	1.6	17.8	75	30.1		
Q926746		71	1.7	17.6	75	35.0		
Q926747		71	1.7	17.2	74	29.5		
Q926748		68	3.3	15.2	118	28.9		
Q926749		63	5.6	11.4	2400	28.5		
Q926750		66	3.7	13.7	98	28.3		
Q926751		67	2.4	16.6	89	30.7		
Q926752		68	2.5	16.7	85	30.5		
Q926753		70	9.7	16.8	58	33.0		
Q926754		81	2.5	20.5	68	32.7		
Q926755		73	2.7	17.6	56	32.9		
Q926756		70	2.3	17.3	61	33.8		
Q926757		1	0.1	0.8	15	<0.5		
Q926758		73	2.2	17.7	56	33.8		
Q926759		73	2.8	18.0	68	32.4		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121780

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
Pb-OG62	PUL-31	PUL-31d	PUL-QC

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121781

Project: KLAZA

P.O. No.: BATCH 137

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

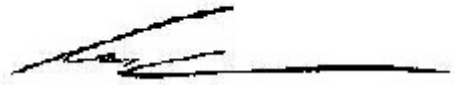
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121781

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934267		5.39	<0.005	0.59	6.52	16.3	1910	1.37	1.06	4.08	0.44	41.7	8.4	10	14.70	6.1
Q934268		7.63	0.006	0.36	7.06	60.3	2060	1.70	0.47	2.30	1.07	49.7	6.7	10	14.90	4.0
Q934269		3.90	0.115	8.83	6.52	517	230	1.32	7.15	0.38	4.56	35.4	14.4	11	6.09	167.5
Q934270		5.53	<0.005	0.01	0.05	1.3	20	0.05	0.03	20.5	0.08	1.26	0.7	<1	0.11	3.4
Q934271		1.52	0.044	7.85	6.92	216	780	1.99	0.43	3.16	5.26	63.7	7.3	16	41.6	20.0
Q934272		0.30	0.367	4.52	6.63	687	900	1.42	3.56	2.00	11.00	50.1	12.5	24	13.65	302
Q934273		0.96	0.475	16.50	6.07	2930	480	1.47	4.71	4.42	21.0	46.7	7.5	7	16.25	76.4
Q934274		2.54	0.055	1.90	7.03	446	1210	1.59	1.01	2.75	6.83	49.1	8.2	12	15.45	22.3
Q934275		1.40	<0.005	0.54	7.52	140.0	840	1.87	0.24	2.66	0.80	50.9	5.1	8	24.7	15.3
Q934276		2.16	<0.005	0.06	7.30	7.6	2140	1.77	0.12	2.86	0.15	44.5	7.3	10	10.85	6.6
Q934277		2.83	0.006	4.69	7.02	125.0	1770	1.65	0.20	3.05	54.2	43.8	5.2	9	16.95	15.0
Q934278		3.57	<0.005	0.27	6.90	17.4	2110	1.54	0.18	2.94	0.41	40.3	6.6	10	14.75	10.8
Q934279		5.40	0.017	1.04	6.99	129.5	1840	1.54	1.00	3.08	3.22	57.0	15.1	9	12.50	20.1
Q934280		<0.02	0.020	1.04	6.86	156.0	1840	1.51	0.98	3.08	2.80	53.5	15.1	10	12.45	21.9
Q934281		6.18	<0.005	0.13	7.26	9.5	2410	1.59	0.17	2.57	0.21	49.6	6.0	10	9.13	4.7
Q934282		4.54	<0.005	0.16	7.26	23.1	2310	1.64	0.20	2.90	0.24	50.4	10.0	12	14.10	9.7
Q934283		0.91	0.060	0.85	7.21	1010	2420	1.63	0.11	2.84	0.48	51.0	9.4	9	30.7	7.5
Q934284		2.67	0.006	2.06	6.91	47.7	2580	1.58	0.86	2.82	9.45	46.3	9.4	9	19.90	13.0
Q934285		1.64	<0.005	0.10	7.63	8.9	2220	1.72	0.13	2.56	0.15	45.7	7.5	12	15.00	6.1
Q934286		1.68	0.024	0.99	6.77	252	2810	1.51	0.35	3.12	6.18	48.9	6.9	9	15.10	25.1
Q934287		2.70	<0.005	0.42	7.47	42.9	1760	1.75	0.15	2.39	0.73	54.0	7.2	10	17.50	4.3
Q934288		0.94	1.490	54.5	5.67	>10000	2060	1.23	3.46	3.48	96.9	38.4	5.2	7	9.07	187.0
Q934289		5.52	<0.005	0.05	0.06	8.8	20	0.05	0.02	19.40	0.15	1.12	0.7	1	0.29	1.7
Q934290		2.33	0.005	0.71	6.96	49.3	1900	1.53	0.32	2.20	2.19	47.0	7.3	10	18.85	13.4
Q934291		0.72	0.012	2.20	6.29	55.5	2230	1.84	0.26	3.29	21.0	50.6	8.7	8	22.2	22.0
Q934292		1.61	0.005	0.36	4.86	64.4	5960	1.04	0.14	9.75	0.38	49.1	6.5	5	14.40	14.8
Q934293		0.98	0.011	0.99	6.72	51.3	1380	1.57	1.77	2.73	0.35	50.4	16.2	7	16.30	7.2
Q934294		4.26	<0.005	0.06	7.22	17.7	1970	1.62	0.09	2.26	0.25	43.9	7.3	10	15.85	2.3
Q934295		1.54	0.007	0.89	7.34	45.1	1190	1.61	0.83	1.71	0.88	51.4	14.4	8	21.0	14.2
Q934296		2.24	0.067	3.41	7.01	411	1420	1.63	1.89	1.83	23.8	48.2	14.0	9	14.40	25.2
Q934297		0.30	0.857	11.50	6.78	1650	1160	1.34	12.10	1.90	31.7	45.0	17.2	18	13.90	290
Q934298		2.07	0.016	1.04	7.23	122.5	2490	1.41	0.50	2.76	5.45	53.5	11.1	10	17.15	17.2
Q934299		3.40	<0.005	0.35	7.22	34.4	2910	1.22	0.27	2.66	0.25	51.2	6.5	13	18.45	12.5
Q934300		3.20	0.087	1.67	7.54	510	1310	1.31	1.48	2.12	1.52	48.1	7.9	9	17.85	23.1
Q934301		2.13	0.101	1.76	7.40	597	1890	1.37	1.30	2.14	5.16	51.8	7.0	9	17.50	22.9
Q934302		6.69	<0.005	0.18	7.43	23.1	1950	1.17	0.16	1.75	0.27	48.9	6.5	9	24.6	5.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934267		2.83	14.95	0.15	1.1	0.087	2.81	20.3	23.8	0.71	1070	1.05	0.09	7.6	2.6	560
Q934268		2.89	15.90	0.17	1.1	0.135	3.29	24.7	15.3	0.84	1540	0.97	0.13	7.8	3.1	580
Q934269		5.19	14.65	0.13	1.1	0.244	2.90	17.7	10.0	0.36	719	1.73	0.04	7.6	2.9	490
Q934270		0.46	0.23	0.14	<0.1	0.006	0.02	0.6	1.0	13.00	211	0.07	<0.01	0.2	2.3	180
Q934271		2.76	17.20	0.17	3.5	0.087	2.30	33.9	57.6	1.13	1280	1.87	0.03	10.0	6.4	960
Q934272		4.88	15.25	0.13	1.1	0.299	2.87	27.9	25.4	0.77	1880	14.55	0.14	6.2	14.8	510
Q934273		4.98	15.05	0.13	1.5	0.333	2.12	25.2	47.6	1.48	2300	1.91	0.03	7.1	3.7	500
Q934274		3.01	15.35	0.13	1.2	0.201	2.27	25.6	99.2	0.86	1900	0.90	0.04	8.0	2.3	540
Q934275		2.77	16.35	0.15	1.3	0.074	2.62	26.0	34.3	0.91	1360	0.83	0.09	8.2	2.6	590
Q934276		3.02	16.55	0.15	1.1	0.039	2.77	21.7	10.5	0.75	655	0.79	1.95	8.5	3.0	620
Q934277		3.15	15.85	0.16	1.1	0.169	3.07	21.7	12.8	0.78	3190	0.59	0.77	7.9	2.5	570
Q934278		2.88	15.55	0.13	1.1	0.044	2.97	19.3	10.2	0.67	928	0.77	1.53	7.8	2.8	580
Q934279		3.22	15.70	0.17	1.1	0.099	3.12	30.6	13.6	0.86	1280	0.78	0.37	7.1	2.9	530
Q934280		3.34	15.75	0.15	1.1	0.095	3.17	27.9	13.6	0.85	1280	0.94	0.36	7.3	3.2	540
Q934281		2.89	16.30	0.15	1.1	0.049	2.95	25.2	12.0	0.85	737	0.77	1.48	8.0	2.7	580
Q934282		3.24	16.35	0.15	1.1	0.052	2.72	25.8	15.4	0.82	775	1.40	1.52	8.4	4.9	610
Q934283		2.84	15.70	0.16	1.1	0.037	3.03	26.4	13.4	0.90	1410	0.83	0.44	8.1	3.2	610
Q934284		3.00	15.65	0.14	1.1	0.036	3.05	23.1	11.1	0.85	1460	0.89	1.04	7.9	2.9	580
Q934285		2.77	16.40	0.15	1.2	0.038	2.85	22.7	11.4	0.68	609	0.86	1.93	8.3	2.8	600
Q934286		2.98	15.35	0.16	1.1	0.058	3.00	25.3	19.7	0.81	1380	0.84	0.21	7.5	2.9	550
Q934287		2.83	16.50	0.15	1.2	0.056	2.77	27.2	16.2	0.70	1100	0.57	1.54	8.4	2.9	600
Q934288		6.61	12.80	0.14	0.9	1.780	2.56	20.0	10.5	1.03	2860	1.27	0.02	5.7	2.5	410
Q934289		0.46	0.19	0.13	<0.1	0.007	0.02	0.5	1.0	12.30	213	<0.05	<0.01	0.1	2.1	170
Q934290		2.95	15.85	0.16	1.2	0.112	2.94	22.8	19.8	0.62	1480	0.65	0.93	7.9	3.0	550
Q934291		3.57	13.80	0.14	1.0	0.174	2.48	28.4	19.8	1.30	2450	1.14	0.18	6.5	2.9	450
Q934292		2.60	10.80	0.14	0.8	0.047	1.68	27.6	61.4	1.03	2740	1.11	0.04	5.3	2.7	370
Q934293		3.56	15.15	0.13	1.0	0.122	2.54	27.0	38.4	0.91	1680	5.84	0.05	7.1	3.0	490
Q934294		3.32	16.15	0.13	1.2	0.054	2.45	20.7	55.1	0.72	562	2.05	1.03	9.2	3.1	650
Q934295		3.28	16.65	0.16	1.2	0.132	2.93	26.2	50.3	0.77	1340	1.67	0.05	8.2	2.7	570
Q934296		3.92	15.25	0.15	1.1	0.352	2.81	25.2	64.5	0.76	1500	1.98	0.06	7.4	2.8	530
Q934297		6.61	14.95	0.11	1.1	0.767	3.02	22.9	19.7	0.78	1860	8.72	0.13	6.4	11.8	540
Q934298		3.94	14.50	0.11	1.2	0.179	2.34	28.0	126.0	0.92	1400	0.87	0.04	7.4	2.7	550
Q934299		3.09	14.80	0.12	1.2	0.045	2.26	26.2	70.0	0.85	980	0.94	0.05	7.7	2.8	590
Q934300		3.48	14.85	0.10	1.2	0.060	2.38	25.4	57.4	0.80	1120	1.07	0.04	7.8	2.5	610
Q934301		3.63	14.60	0.12	1.2	0.117	2.46	27.6	65.4	0.84	1240	1.24	0.04	7.6	2.5	590
Q934302		2.61	14.95	0.11	1.3	0.031	2.16	24.7	63.5	0.59	798	1.13	0.10	8.0	2.2	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934267		27.3	105.5	<0.002	0.18	8.50	9.5	1	1.8	146.5	0.60	<0.05	10.2	0.239	1.83	5.5
Q934268		50.7	149.5	<0.002	0.51	7.04	10.8	1	1.9	113.0	0.65	<0.05	12.7	0.242	2.56	4.5
Q934269		315	163.5	<0.002	5.02	43.5	10.2	1	6.7	22.3	0.78	0.58	13.0	0.213	2.36	4.0
Q934270		2.3	1.4	<0.002	0.01	0.28	0.2	<1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q934271		637	158.5	<0.002	1.08	18.25	6.8	1	1.6	198.5	0.69	<0.05	9.9	0.273	3.06	13.5
Q934272		463	164.0	0.002	2.64	28.4	9.4	1	5.6	106.5	0.51	0.23	11.8	0.202	2.45	5.2
Q934273		1070	121.0	<0.002	3.70	33.5	8.4	1	4.9	133.5	0.60	0.23	12.3	0.205	2.39	11.0
Q934274		280	137.5	<0.002	1.39	11.60	9.6	1	2.2	97.4	0.78	0.08	13.8	0.228	2.42	5.2
Q934275		59.6	132.0	<0.002	0.38	9.02	11.0	1	1.8	108.5	0.72	<0.05	14.6	0.244	2.53	5.0
Q934276		17.5	107.0	<0.002	0.03	2.12	10.6	1	1.5	357	0.69	<0.05	13.2	0.262	1.35	4.0
Q934277		972	146.5	<0.002	0.55	10.85	10.0	1	2.1	209	0.64	<0.05	12.6	0.234	2.31	5.2
Q934278		31.9	110.5	<0.002	0.15	4.32	9.7	1	1.6	308	0.65	<0.05	11.8	0.249	1.71	3.9
Q934279		109.5	198.0	<0.002	0.77	16.10	9.9	1	2.2	162.5	0.60	<0.05	14.6	0.215	2.57	5.9
Q934280		104.0	186.0	<0.002	0.79	16.30	10.0	1	2.2	162.0	0.60	<0.05	13.5	0.230	2.62	5.7
Q934281		17.5	148.5	<0.002	0.09	9.01	10.4	1	1.6	289	0.69	<0.05	12.9	0.241	1.93	4.4
Q934282		21.4	128.5	<0.002	0.11	14.30	11.7	1	1.6	301	0.74	<0.05	13.3	0.254	1.61	4.5
Q934283		30.4	145.0	<0.002	0.74	13.25	10.8	1	1.6	146.5	0.65	<0.05	12.9	0.253	2.64	7.6
Q934284		254	141.5	<0.002	0.53	6.45	10.3	1	1.7	226	0.64	<0.05	12.8	0.243	2.09	3.6
Q934285		19.8	119.0	<0.002	0.07	2.08	10.6	1	1.6	350	0.69	<0.05	13.0	0.249	1.34	4.3
Q934286		202	142.5	<0.002	0.51	6.03	9.9	1	4.4	146.5	0.60	<0.05	12.6	0.236	1.92	4.8
Q934287		46.8	122.0	<0.002	0.18	4.92	10.7	1	1.5	284	0.71	<0.05	26.1	0.244	1.65	5.2
Q934288		8620	178.5	<0.002	5.70	101.5	8.1	2	4.2	65.5	0.50	0.24	11.2	0.174	2.71	8.1
Q934289		12.2	1.7	<0.002	0.01	0.24	0.2	1	<0.2	42.0	<0.05	<0.05	0.2	<0.005	<0.02	0.5
Q934290		131.5	127.5	<0.002	0.24	7.21	9.8	1	2.2	206	0.66	<0.05	13.0	0.239	2.02	3.5
Q934291		1330	156.0	<0.002	0.57	12.60	8.6	1	2.3	110.5	0.58	<0.05	11.8	0.192	2.34	5.6
Q934292		30.9	86.3	<0.002	0.41	14.90	7.2	1	2.3	211	0.45	<0.05	10.5	0.154	1.65	6.1
Q934293		26.3	153.0	<0.002	0.82	11.60	9.7	1	2.1	82.0	0.59	0.12	13.4	0.213	2.28	11.3
Q934294		21.6	91.5	<0.002	0.07	6.11	12.0	1	1.8	238	0.71	<0.05	12.2	0.282	1.26	3.0
Q934295		60.1	156.5	<0.002	0.54	12.30	12.0	1	2.6	62.9	0.66	0.06	13.4	0.251	2.76	4.4
Q934296		830	156.0	<0.002	1.01	16.75	10.0	1	2.7	74.1	0.61	0.11	14.2	0.223	2.32	5.9
Q934297		1360	163.5	0.002	4.84	63.4	9.1	1	7.7	96.9	0.53	1.17	11.3	0.213	2.48	5.1
Q934298		327	120.0	<0.002	0.51	12.80	10.1	1	2.5	120.0	0.63	0.06	14.6	0.232	1.84	3.6
Q934299		19.2	95.3	<0.002	0.32	16.00	9.8	<1	1.8	122.0	0.63	<0.05	14.1	0.242	1.63	6.0
Q934300		171.0	102.0	<0.002	0.67	18.05	10.0	<1	3.2	89.2	0.67	0.24	14.3	0.244	1.71	6.5
Q934301		268	118.5	<0.002	0.90	18.15	10.0	1	3.4	81.0	0.63	0.15	14.8	0.236	1.85	7.0
Q934302		17.9	85.6	<0.002	0.21	17.85	9.7	1	1.7	96.7	0.68	<0.05	14.1	0.251	1.60	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121781

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	As-OG62
	Analyte	V	W	Y	Zn	Zr	As
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
Q934267		65	3.4	13.5	83	24.9	
Q934268		69	2.8	12.3	130	26.0	
Q934269		61	6.8	6.2	318	25.2	
Q934270		2	0.1	0.8	14	1.3	
Q934271		56	3.9	13.8	399	133.0	
Q934272		64	5.6	12.0	837	30.5	
Q934273		52	7.0	11.4	1470	45.2	
Q934274		59	4.3	13.3	718	27.1	
Q934275		68	3.2	16.6	104	29.8	
Q934276		71	1.4	16.2	48	28.0	
Q934277		64	2.4	15.7	3210	26.0	
Q934278		68	2.2	14.3	66	26.2	
Q934279		62	2.2	14.4	286	26.0	
Q934280		64	2.3	14.2	264	26.3	
Q934281		66	1.8	14.9	60	24.9	
Q934282		73	2.1	17.2	66	26.5	
Q934283		68	5.4	15.9	78	26.5	
Q934284		66	2.7	15.4	676	26.4	
Q934285		67	1.6	16.0	47	28.5	
Q934286		65	3.6	15.2	643	25.8	
Q934287		67	1.3	17.1	207	30.8	
Q934288		52	3.4	10.6	7670	21.6	1.085
Q934289		2	0.1	0.7	21	<0.5	
Q934290		66	1.6	14.7	298	30.5	
Q934291		55	3.0	17.6	1230	23.3	
Q934292		46	2.6	27.9	71	20.0	
Q934293		59	2.7	17.3	102	25.0	
Q934294		81	2.8	15.7	96	30.5	
Q934295		77	3.0	14.8	227	28.3	
Q934296		63	3.0	12.7	2390	27.0	
Q934297		65	6.1	11.6	2430	29.8	
Q934298		69	4.0	15.6	677	27.2	
Q934299		69	2.9	16.8	70	28.0	
Q934300		71	4.2	16.0	188	28.0	
Q934301		68	4.3	15.0	538	26.6	
Q934302		68	5.4	14.4	69	30.6	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121781

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62	Au-AA24	ME-MS61	ME-OG62

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121782

Project: KLAZA

P.O. No.: BATCH 138

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121782

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926688		8.24	<0.005	0.30	6.86	14.9	1530	1.41	0.35	1.80	0.16	43.6	6.9	8	20.2	7.6
Q926689		3.72	0.023	0.73	4.59	84.8	2530	1.26	0.20	2.57	0.48	35.6	5.6	6	14.45	5.3
Q926690		5.51	<0.005	0.01	0.05	<0.2	30	<0.05	0.01	20.3	0.05	1.11	0.7	1	0.13	2.8
Q926691		3.96	<0.005	0.21	6.73	64.0	1030	1.41	0.32	2.21	0.20	42.6	8.4	7	20.4	5.6
Q926692		4.41	<0.005	0.20	7.24	17.1	2240	1.28	0.56	1.50	0.19	40.1	7.5	8	25.4	7.6
Q926693		4.53	<0.005	0.10	7.81	13.4	2460	1.08	0.33	0.80	0.33	44.8	6.9	8	21.1	6.9
Q926694		0.30	0.392	4.38	6.60	705	320	1.34	3.45	2.04	10.10	49.5	12.0	22	13.10	309
Q926695		5.62	<0.005	0.16	7.19	10.1	2570	1.32	0.73	1.96	0.12	44.2	8.2	6	17.70	10.3
Q926696		7.66	<0.005	0.16	8.08	8.0	2300	1.25	1.18	1.10	0.13	52.6	7.7	7	19.00	6.9
Q926697		6.88	<0.005	0.08	7.82	7.5	2260	1.54	0.77	1.99	0.10	56.7	7.6	8	16.20	8.0
Q926698		3.12	0.008	0.41	6.92	173.5	2280	1.55	0.67	1.65	0.17	51.0	5.6	6	13.90	4.4
Q926699		9.04	<0.005	0.16	6.61	16.3	1900	1.42	1.51	2.01	0.08	37.7	7.1	7	14.60	8.7
Q926700		6.95	<0.005	0.27	6.84	30.3	2360	1.43	0.50	1.56	0.19	39.1	7.2	8	16.70	7.7
Q926701		3.13	<0.005	0.12	7.47	9.0	2230	1.70	0.52	2.45	0.15	49.4	6.9	10	21.7	7.6
Q926702		<0.02	<0.005	0.12	7.42	7.4	2170	1.52	0.49	2.43	0.17	49.5	7.0	8	21.8	7.9
Q926703		4.63	<0.005	0.19	6.90	37.1	1850	1.49	0.60	3.52	0.31	53.4	7.2	7	15.05	5.1
Q926704		3.99	<0.005	0.10	7.92	7.2	2020	1.31	0.36	1.07	0.11	52.4	6.4	7	20.4	9.1
Q926705		4.71	<0.005	0.28	6.67	41.9	1350	1.58	0.34	1.94	0.27	33.9	7.8	7	25.0	9.6
Q926706		5.93	<0.005	0.24	6.87	16.5	2060	1.37	0.29	2.63	0.13	37.1	7.1	7	30.4	7.3
Q926707		4.40	<0.005	1.70	7.90	59.3	800	1.54	0.14	3.24	0.21	79.2	10.9	44	34.4	41.9
Q926708		5.14	0.056	0.42	7.09	76.3	1870	1.87	0.34	2.47	0.23	51.4	8.5	7	29.8	10.7
Q926709		2.42	0.007	0.39	6.68	260	2140	1.55	0.49	3.04	0.10	50.4	8.7	6	15.55	4.9
Q926710		1.19	0.010	0.42	6.53	301	1880	1.60	0.47	2.97	0.08	51.5	7.9	6	15.45	5.2
Q926711		4.57	<0.005	0.21	7.26	7.9	2170	1.43	0.63	2.14	0.14	45.6	6.8	10	23.8	8.3
Q926712		2.23	0.007	0.28	6.79	62.1	3000	1.31	0.33	2.80	0.18	53.7	7.7	6	17.15	6.8
Q926713		3.02	<0.005	0.12	7.11	10.2	1640	1.18	0.31	1.84	0.10	46.1	7.0	7	20.9	7.3
Q926714		0.30	0.921	12.00	6.11	1525	120	1.38	11.60	1.80	32.7	45.1	18.4	17	14.15	276
Q926715		7.40	0.038	0.29	6.42	59.5	1450	1.34	0.43	2.13	1.73	42.8	7.2	7	16.20	9.1
Q926716		5.61	<0.005	0.01	0.13	<0.2	50	0.16	0.03	19.90	0.06	1.64	0.7	1	0.29	1.4
Q926717		3.70	<0.005	0.23	7.35	6.2	2080	1.41	0.75	2.29	0.19	47.8	7.2	7	13.95	6.5
Q926718		11.60	<0.005	0.18	7.21	16.2	2120	1.50	0.28	2.57	0.24	51.7	7.6	9	14.75	8.2
Q926719		10.11	0.009	0.27	7.41	8.0	2340	1.33	0.38	1.56	1.07	45.7	7.9	7	13.55	7.5
Q926720		11.17	<0.005	0.13	7.49	3.8	2230	1.67	0.30	2.54	0.19	53.5	7.3	9	11.80	7.6
Q926721		9.21	<0.005	0.16	7.29	14.8	2180	1.65	0.24	2.42	0.22	49.4	7.3	9	12.40	7.5
Q926722		6.11	0.244	0.88	7.30	30.9	2120	1.59	0.32	2.31	1.92	48.6	7.5	8	12.00	9.1
Q926723		5.60	<0.005	0.12	7.21	3.7	2130	1.63	0.26	2.46	0.17	49.1	6.9	10	13.55	6.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926688		2.68	15.95	0.18	1.5	0.033	2.35	22.0	92.3	0.44	1190	1.18	0.46	8.0	2.8	540
Q926689		2.39	10.65	0.13	0.9	0.033	1.72	20.4	101.0	0.63	3110	1.56	0.03	5.0	2.2	300
Q926690		0.47	0.27	0.33	<0.1	<0.005	0.02	0.5	1.1	13.00	200	0.06	<0.01	0.1	1.6	180
Q926691		3.02	16.45	0.32	1.4	0.031	2.16	20.2	89.6	0.60	1560	0.81	0.04	8.6	2.7	580
Q926692		3.07	17.20	0.22	1.4	0.038	2.76	18.9	41.0	0.40	980	1.40	0.25	8.7	2.9	620
Q926693		2.90	17.15	0.17	1.4	0.037	2.79	22.6	35.8	0.29	1080	0.95	0.11	8.6	2.5	620
Q926694		4.96	15.15	0.13	1.1	0.294	2.92	27.9	25.5	0.78	1830	13.60	0.15	6.2	14.1	520
Q926695		3.15	16.35	0.20	1.4	0.036	2.67	21.9	33.2	0.59	995	1.16	0.14	8.5	2.3	590
Q926696		2.99	17.90	0.19	1.5	0.036	2.90	27.7	35.9	0.36	878	1.54	0.43	8.9	2.4	620
Q926697		3.06	17.40	0.25	1.5	0.029	2.94	30.0	32.3	0.63	682	0.99	1.58	8.9	2.9	630
Q926698		2.43	15.80	0.22	1.2	0.048	3.49	27.1	26.0	0.46	1990	2.51	0.04	7.7	2.4	520
Q926699		2.86	16.60	0.16	1.4	0.034	2.65	17.2	47.5	0.52	1120	1.77	0.07	8.4	2.1	580
Q926700		2.89	16.90	0.18	1.4	0.039	2.75	18.7	52.6	0.39	1160	1.66	0.09	8.1	2.6	550
Q926701		2.91	17.20	0.20	1.6	0.034	3.02	24.9	42.2	0.54	767	0.94	1.74	9.0	2.3	610
Q926702		2.80	17.10	0.22	1.7	0.036	2.99	25.4	42.4	0.54	742	0.92	1.70	8.9	2.4	600
Q926703		3.02	15.20	0.23	1.5	0.037	2.82	29.8	46.6	1.15	1720	1.27	0.15	7.8	2.4	540
Q926704		2.89	17.95	0.19	1.7	0.040	2.99	27.6	38.0	0.48	762	0.91	0.20	9.0	2.6	600
Q926705		2.57	16.45	0.20	1.4	0.037	3.22	15.0	31.9	0.36	1320	1.29	0.07	8.1	2.6	570
Q926706		2.89	16.60	0.19	1.4	0.040	3.09	16.9	55.8	0.60	852	0.86	0.09	8.6	2.4	620
Q926707		3.90	19.30	0.18	4.3	0.039	1.62	41.9	132.0	1.43	876	1.01	0.04	11.3	17.1	1820
Q926708		2.86	16.35	0.19	1.4	0.036	3.38	25.7	21.6	0.69	1790	1.34	1.18	8.6	3.1	640
Q926709		2.96	14.95	0.20	1.3	0.033	3.53	26.9	24.5	0.94	2780	1.20	0.24	7.4	2.6	530
Q926710		2.83	15.35	0.23	1.3	0.031	3.43	28.1	24.3	0.90	2670	0.92	0.24	7.6	2.5	530
Q926711		2.88	16.80	0.23	1.4	0.036	2.77	23.0	20.2	0.51	763	1.42	1.42	8.3	2.4	580
Q926712		2.94	15.40	0.19	1.3	0.037	3.09	30.0	48.7	0.96	1600	1.06	0.09	7.6	2.4	540
Q926713		2.75	16.45	0.18	1.4	0.034	2.88	22.4	86.4	0.66	833	0.70	0.21	8.2	2.2	600
Q926714		6.33	16.20	0.14	1.0	0.801	2.75	21.8	20.7	0.73	1700	9.40	0.12	6.8	12.7	520
Q926715		2.68	15.50	0.15	1.3	0.034	2.79	21.2	71.1	0.62	1660	0.83	0.07	7.6	2.5	530
Q926716		0.45	0.42	0.38	<0.1	<0.005	0.05	0.8	1.8	12.40	195	0.09	0.01	0.2	1.7	220
Q926717		2.95	16.70	0.29	1.6	0.032	2.79	24.0	21.9	0.64	757	0.86	1.40	8.5	2.5	600
Q926718		2.99	16.55	0.27	1.5	0.034	2.77	26.1	21.4	0.73	914	1.39	1.56	8.6	2.6	610
Q926719		2.87	16.80	0.20	1.5	0.032	2.79	22.4	29.3	0.47	887	1.38	0.61	8.6	2.6	590
Q926720		2.85	16.60	0.15	1.6	0.040	2.77	27.5	18.3	0.76	801	2.30	2.21	8.3	2.4	560
Q926721		2.85	16.45	0.14	1.4	0.037	2.67	24.9	16.9	0.72	886	2.07	2.00	8.2	2.7	570
Q926722		2.97	16.65	0.11	1.5	0.035	2.69	23.8	21.1	0.67	920	1.76	1.64	8.2	2.5	560
Q926723		2.70	15.90	0.12	1.5	0.035	2.65	24.7	15.3	0.68	718	1.15	2.14	7.8	2.3	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926688		21.0	97.9	<0.002	0.04	19.95	9.5	<1	1.7	231	0.67	<0.05	12.7	0.240	1.42	3.9
Q926689		28.0	94.8	<0.002	0.39	52.2	6.4	<1	1.1	98.1	0.43	<0.05	9.2	0.150	1.53	4.8
Q926690		1.3	0.9	<0.002	0.01	0.16	0.1	<1	<0.2	48.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q926691		15.8	88.0	<0.002	0.17	23.6	10.4	1	1.8	103.0	0.68	<0.05	12.2	0.252	1.69	4.0
Q926692		18.7	117.0	<0.002	0.03	20.1	10.9	1	2.0	99.6	0.70	<0.05	12.2	0.269	1.55	3.2
Q926693		28.4	122.0	<0.002	0.02	19.40	10.5	1	1.8	65.5	0.72	<0.05	13.6	0.271	1.34	3.7
Q926694		477	162.0	0.002	2.63	28.4	8.8	1	5.6	106.5	0.50	0.32	11.5	0.203	2.31	4.9
Q926695		19.0	101.0	<0.002	0.04	17.95	10.1	1	1.8	95.7	0.68	<0.05	12.8	0.264	1.34	2.8
Q926696		22.4	125.0	<0.002	0.02	17.45	10.9	<1	1.9	99.3	0.75	<0.05	15.2	0.273	1.41	3.2
Q926697		19.9	125.5	<0.002	0.01	7.54	10.8	1	1.9	281	0.74	<0.05	15.0	0.270	1.39	2.9
Q926698		17.8	218	<0.002	0.17	25.9	9.7	1	1.8	57.5	0.61	<0.05	13.4	0.233	2.71	4.0
Q926699		15.7	100.0	<0.002	0.07	17.80	10.3	1	1.8	119.0	0.71	<0.05	12.0	0.253	1.76	4.6
Q926700		15.9	119.5	<0.002	0.07	24.3	9.7	1	1.8	125.0	0.66	<0.05	11.8	0.237	1.77	3.9
Q926701		20.8	126.5	<0.002	0.03	7.29	10.9	1	1.8	314	0.77	<0.05	15.0	0.262	1.52	3.4
Q926702		21.1	124.5	<0.002	0.03	7.15	10.7	1	1.9	307	0.78	<0.05	14.9	0.263	1.54	3.3
Q926703		16.7	145.5	<0.002	0.23	15.60	9.4	1	1.7	143.0	0.71	<0.05	14.3	0.224	1.78	5.2
Q926704		18.6	136.5	<0.002	0.02	17.90	11.0	<1	1.9	90.9	0.77	<0.05	15.7	0.265	1.52	3.2
Q926705		27.5	142.5	<0.002	0.14	15.70	10.1	1	2.0	79.3	0.66	<0.05	10.9	0.254	2.35	3.6
Q926706		19.2	117.5	<0.002	0.04	14.60	10.4	1	1.8	149.0	0.69	<0.05	11.5	0.276	1.86	2.6
Q926707		15.4	74.9	<0.002	0.02	19.30	8.9	1	3.6	808	0.67	<0.05	8.3	0.455	0.99	3.3
Q926708		21.4	141.5	<0.002	0.50	10.75	10.5	1	1.8	246	0.71	<0.05	14.9	0.255	2.14	4.3
Q926709		14.6	181.5	<0.002	0.48	20.1	9.1	1	1.5	105.5	0.63	<0.05	13.6	0.227	2.40	5.0
Q926710		14.6	175.5	<0.002	0.40	20.5	9.2	1	1.6	101.0	0.67	<0.05	14.2	0.220	2.46	5.3
Q926711		19.9	113.0	<0.002	0.01	8.91	10.2	1	1.9	250	0.67	<0.05	13.0	0.262	1.33	2.6
Q926712		22.4	145.5	<0.002	0.46	21.0	9.3	1	1.6	123.5	0.64	<0.05	14.1	0.229	2.04	7.6
Q926713		16.9	109.0	<0.002	0.05	15.60	10.2	1	1.9	130.0	0.67	<0.05	13.1	0.256	1.67	5.0
Q926714		1280	156.5	<0.002	4.49	68.1	9.4	2	8.3	95.0	0.52	1.05	10.7	0.199	2.47	4.8
Q926715		97.8	109.0	<0.002	0.35	23.1	9.2	1	1.7	116.5	0.64	<0.05	12.0	0.235	1.77	5.4
Q926716		2.1	2.2	<0.002	<0.01	0.14	0.2	1	<0.2	49.5	<0.05	<0.05	0.2	0.005	<0.02	0.4
Q926717		23.2	108.0	<0.002	0.02	6.55	10.0	<1	1.7	261	0.72	<0.05	13.4	0.253	1.21	2.6
Q926718		27.5	113.5	<0.002	0.11	6.64	11.1	1	1.8	276	0.68	<0.05	14.7	0.263	1.38	4.3
Q926719		72.3	110.5	<0.002	0.07	14.00	10.1	1	1.7	143.5	0.71	<0.05	14.2	0.251	1.32	4.2
Q926720		25.3	111.5	<0.002	0.02	2.05	10.4	1	1.7	354	0.72	<0.05	15.0	0.240	1.16	3.9
Q926721		31.7	108.0	<0.002	0.04	4.04	10.7	1	1.8	331	0.68	<0.05	15.0	0.244	1.24	4.5
Q926722		149.5	104.0	<0.002	0.07	6.08	10.2	1	1.7	284	0.72	<0.05	13.5	0.247	1.22	4.2
Q926723		22.8	101.5	<0.002	0.01	2.17	9.5	1	1.6	351	0.68	<0.05	14.1	0.233	1.18	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121782

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926688		67	3.5	13.9	54	42.8
Q926689		43	2.5	11.0	64	26.5
Q926690		1	0.1	0.8	15	<0.5
Q926691		73	3.9	16.8	70	37.3
Q926692		75	4.6	14.0	66	38.2
Q926693		70	4.9	14.0	73	37.0
Q926694		65	5.7	11.6	866	30.0
Q926695		71	3.8	14.7	61	37.2
Q926696		71	3.5	17.0	60	39.0
Q926697		69	2.1	17.4	54	41.6
Q926698		62	3.6	14.1	52	36.5
Q926699		71	3.8	13.4	52	37.2
Q926700		66	2.6	13.7	69	38.3
Q926701		70	1.6	17.5	58	42.7
Q926702		68	1.5	17.1	57	43.1
Q926703		61	2.1	17.9	65	38.8
Q926704		69	3.1	17.4	52	46.6
Q926705		72	4.3	12.4	55	37.1
Q926706		80	4.9	14.4	61	37.7
Q926707		93	12.3	15.0	88	178.0
Q926708		71	4.2	17.3	60	40.0
Q926709		60	3.3	15.9	45	34.3
Q926710		58	3.6	16.4	45	36.1
Q926711		69	3.7	16.1	58	40.2
Q926712		62	2.7	16.4	60	37.6
Q926713		67	2.1	15.5	57	40.2
Q926714		61	5.9	11.8	2300	31.0
Q926715		64	3.3	13.9	202	36.2
Q926716		2	0.1	0.9	18	0.5
Q926717		69	2.9	16.4	66	41.3
Q926718		72	2.7	17.8	66	41.1
Q926719		65	6.9	16.1	154	40.8
Q926720		67	2.6	17.4	61	40.8
Q926721		69	3.7	17.2	70	39.3
Q926722		68	3.9	16.9	249	39.0
Q926723		63	2.2	15.9	57	39.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121782

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121783

Project: KLAZA

P.O. No.: BATCH 145

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121783

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
Q927861		5.09	0.102		0.73	6.81	52.5	1980	1.57	0.19	2.65	4.29	47.2	5.7	10	17.80
Q927862		2.04	2.65		85.0	3.78	7390	380	0.80	3.59	1.83	823	16.55	26.3	11	6.67
Q927863		8.53	0.088		1.56	6.75	468	1650	1.47	0.19	3.06	6.95	52.9	5.4	10	21.6
Q927864		0.65	2.49		80.2	4.67	>10000	1340	1.37	8.45	5.48	65.7	33.8	9.3	7	20.2
Q927865		1.83	0.106		6.46	7.12	461	680	1.31	4.36	0.99	3.93	53.6	12.3	14	16.55
Q927866		5.56	<0.005		0.06	0.06	5.7	20	0.05	0.02	20.2	0.11	1.18	0.6	1	0.15
Q927867		9.98	0.026		3.19	7.20	60.6	2050	1.54	0.50	2.48	13.40	48.2	6.0	9	11.65
Q927868		0.31	1.600		39.9	5.76	2530	1250	1.13	36.7	1.63	44.6	36.7	16.6	20	10.25
Q927869		2.23	3.87		>100	3.72	4590	2310	0.77	90.2	0.37	533	15.60	98.9	8	7.53
Q927870		7.37	0.050		2.39	7.38	197.5	1500	1.43	0.50	2.61	15.05	48.4	5.6	9	17.35
Q927871		4.54	0.885		14.30	6.73	2580	1580	1.48	0.29	1.49	47.9	43.4	5.3	9	19.70
Q927872		1.62	0.186		6.12	7.04	335	890	1.39	6.85	1.34	2.23	48.2	34.9	8	18.40
Q927873		1.42	1.885		>100	2.71	>10000	180	1.14	39.2	2.62	277	17.05	60.7	8	11.30
Q927874		5.57	<0.005		0.05	0.04	5.0	30	0.08	0.06	20.8	0.14	1.10	0.7	1	0.11
Q927875		0.71	0.103		2.38	4.27	282	1030	1.40	0.47	2.07	13.45	35.2	6.0	12	15.65
Q927876		1.92	0.711		30.5	3.49	2570	70	0.38	18.35	0.27	4.34	14.70	110.0	10	5.61
Q927877		3.15	2.49		>100	0.37	2400	60	0.13	129.0	1.61	34.6	6.00	65.9	6	0.76
Q927878		1.93	0.551		71.6	5.38	1350	180	1.06	5.31	2.82	44.1	23.6	9.6	8	4.74
Q927879		2.62	>10.0	31.8	>100	3.31	>10000	110	0.85	222	2.65	859	9.35	5.3	8	9.09
Q927880		3.68	6.23		82.0	4.95	>10000	1250	1.09	10.20	0.72	451	29.1	5.3	11	8.88
Q927881		1.01	>10.0	37.7	>100	2.72	>10000	1040	0.69	3.50	0.35	921	20.4	5.9	13	3.97
Q927882		7.06	0.080		1.95	7.36	574	300	1.60	0.70	1.93	6.48	44.3	9.7	11	16.50
Q927883		<0.02	0.120		1.57	7.33	468	340	1.66	0.60	1.91	4.73	45.5	9.2	12	16.60
Q927884		1.56	>10.0	55.3	>100	2.39	>10000	170	0.70	182.0	0.74	>1000	11.80	2.7	5	4.64
Q927885		2.80	4.08		>100	4.19	5640	540	1.27	0.40	1.99	107.5	33.5	5.1	9	11.90
Q927886		1.11	0.054		3.07	6.66	196.0	630	1.52	0.59	2.41	3.18	41.7	5.8	9	11.95
Q927887		1.91	0.116		6.28	6.79	216	600	1.94	5.67	1.92	4.29	48.1	10.2	8	28.9
Q927888		0.15	>10.0	14.10	>100	4.55	153.5	540	0.43	1.84	2.12	836	18.85	56.1	45	1.36
Q927889		3.11	3.20		>100	0.75	>10000	110	0.19	57.8	1.11	96.5	11.40	94.9	8	1.36
Q927890		4.81	0.193		5.47	6.86	1460	180	1.19	5.12	0.68	11.00	42.8	28.6	13	5.58
Q927891		1.18	8.09		>100	3.31	>10000	120	0.84	46.3	2.14	>1000	23.0	6.5	6	6.36
Q927892		0.75	2.71		42.7	5.84	9210	150	1.54	27.6	2.05	78.4	40.2	11.0	13	12.15
Q927893		1.89	0.012		0.57	6.75	55.9	2370	2.12	0.20	3.21	0.92	54.7	7.0	17	18.00
Q927894		3.44	<0.005		0.26	6.87	25.6	1230	2.07	0.18	3.48	0.47	58.2	6.9	17	17.40
Q927895		<0.02	<0.005		0.24	7.02	25.1	1250	2.04	0.18	3.48	0.39	60.8	7.0	17	17.90
Q927896		3.69	<0.005		0.42	6.82	16.7	1530	2.10	0.15	3.20	0.22	55.8	6.4	17	20.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q927861		11.4	3.28	15.15	0.10	1.3	0.075	3.04	22.5	24.0	0.70	1120	1.13	1.31	7.8	2.5
Q927862		370	7.59	8.60	0.09	0.6	0.601	1.68	7.3	16.0	0.72	2460	4.73	0.02	3.3	2.4
Q927863		20.0	3.16	15.40	0.12	1.3	0.092	3.31	27.5	47.2	0.63	1540	1.53	0.44	7.6	2.4
Q927864		427	6.04	10.00	0.09	1.2	0.940	1.35	17.2	39.9	1.24	2820	4.45	0.02	5.1	3.4
Q927865		221	5.60	15.80	0.12	1.1	0.257	3.10	27.3	15.3	0.55	569	3.31	0.50	7.4	3.9
Q927866		9.3	0.47	0.17	0.11	<0.1	<0.005	0.02	0.5	1.1	13.05	205	0.09	<0.01	0.2	1.5
Q927867		13.2	4.21	14.20	0.14	1.0	0.145	3.31	25.4	53.6	0.96	2380	0.45	0.04	6.9	2.7
Q927868		1150	8.82	13.65	0.13	0.9	1.555	2.62	18.9	16.2	0.66	2290	16.60	0.06	4.9	14.6
Q927869		1160	12.40	8.24	0.09	0.5	43.8	1.62	6.0	10.1	0.22	826	3.72	0.02	3.3	4.3
Q927870		36.7	3.68	13.85	0.09	1.0	0.192	3.05	26.0	88.4	0.91	2010	0.72	0.03	7.0	2.4
Q927871		41.9	4.00	13.25	0.13	0.9	0.167	2.40	22.5	213	0.63	1350	10.05	0.03	6.2	2.3
Q927872		81.4	5.69	14.95	0.11	1.0	0.213	2.97	25.5	24.5	0.59	1780	3.49	0.05	7.0	3.9
Q927873		472	8.75	6.99	<0.05	0.6	2.08	1.02	8.9	27.2	0.86	2410	235	0.02	2.8	7.9
Q927874		3.1	0.49	0.16	<0.05	<0.1	0.009	0.02	0.9	0.7	12.95	207	0.18	<0.01	0.1	1.9
Q927875		13.4	2.76	10.65	0.05	1.7	0.109	1.31	18.8	71.8	0.76	810	50.2	0.03	5.7	4.9
Q927876		134.5	18.30	5.08	0.05	0.5	0.226	1.40	7.2	5.3	0.13	827	2.24	0.02	3.3	4.5
Q927877		1030	35.2	1.31	0.06	<0.1	4.41	0.15	3.9	4.4	0.54	1790	1.91	<0.01	0.3	2.8
Q927878		102.5	7.53	13.50	<0.05	0.9	0.372	2.45	12.8	13.1	1.04	3370	1.34	0.03	5.3	2.2
Q927879		5540	12.85	9.74	<0.05	0.6	8.86	1.41	3.6	9.1	0.29	2730	3.53	0.02	3.3	2.5
Q927880		230	6.17	12.60	<0.05	0.6	4.33	2.18	15.1	21.9	0.33	1060	4.88	0.02	4.6	2.2
Q927881		882	8.45	6.91	<0.05	0.3	6.80	1.24	10.3	28.4	0.18	571	22.6	0.01	2.2	2.7
Q927882		18.6	4.64	17.85	<0.05	1.0	0.098	3.53	21.7	25.3	0.56	1030	1.38	0.29	7.7	3.3
Q927883		18.7	4.46	17.60	0.06	1.1	0.079	3.43	23.3	24.4	0.57	1030	1.42	0.29	7.6	3.3
Q927884		7760	9.94	14.25	<0.05	0.3	70.3	1.05	5.3	9.0	0.23	1850	0.29	0.01	2.2	1.3
Q927885		246	3.11	11.40	<0.05	0.8	0.091	1.51	18.9	69.0	0.64	5080	6.15	0.02	4.4	2.8
Q927886		5.9	3.90	17.80	<0.05	1.2	0.091	3.50	20.8	11.1	0.68	8910	2.02	0.02	7.7	3.0
Q927887		31.0	4.06	17.05	0.05	1.0	0.352	2.37	26.4	33.6	0.73	1890	3.01	0.03	7.5	2.8
Q927888		>10000	9.51	16.55	<0.05	0.5	2.98	0.81	9.4	5.5	0.79	1670	150.0	1.10	2.1	17.8
Q927889		910	26.7	3.06	0.05	0.1	3.12	0.31	6.0	8.5	0.37	1230	6.65	0.01	0.7	2.3
Q927890		43.0	6.28	17.80	<0.05	1.0	0.471	3.24	22.6	7.8	0.38	538	3.17	0.03	7.0	3.3
Q927891		1530	12.55	11.55	<0.05	0.6	12.05	1.43	13.2	11.1	0.73	2940	6.40	0.02	3.3	1.9
Q927892		326	10.10	17.05	<0.05	1.7	1.525	2.37	20.8	28.3	0.80	1110	2.14	0.04	6.9	6.0
Q927893		11.1	2.77	19.45	0.05	3.2	0.039	2.57	27.4	62.4	1.10	821	2.64	0.05	10.4	6.2
Q927894		12.3	2.65	19.30	0.06	3.3	0.036	2.65	29.1	97.3	1.11	700	0.92	0.05	10.2	6.5
Q927895		12.0	2.65	19.40	0.07	3.2	0.032	2.71	31.1	98.0	1.13	718	1.02	0.05	10.3	6.5
Q927896		8.6	2.53	19.30	0.06	3.3	0.031	2.54	28.2	89.6	1.01	666	1.55	0.05	10.3	6.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q927861		550	186.0	118.0	<0.002	0.24	5.99	9.7	1	1.8	250	0.68	<0.05	13.6	0.233	1.81
Q927862		240	>10000	93.7	<0.002	8.78	105.0	4.5	2	2.3	37.2	0.29	1.40	5.9	0.109	1.74
Q927863		540	292	155.5	<0.002	0.59	14.25	10.2	1	1.9	177.5	0.64	<0.05	14.9	0.231	2.37
Q927864		440	9580	72.0	0.002	4.27	171.0	5.3	1	4.6	273	0.41	0.72	7.5	0.170	1.44
Q927865		630	683	169.0	<0.002	4.37	31.4	10.2	1	9.5	102.0	0.57	0.44	11.2	0.239	1.84
Q927866		210	6.8	1.0	<0.002	0.01	0.16	0.2	<1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q927867		590	1410	177.5	<0.002	0.89	7.11	10.3	<1	2.6	78.8	0.51	0.11	12.0	0.230	2.81
Q927868		460	1680	149.5	0.003	8.00	103.0	8.2	2	10.5	64.3	0.40	0.77	9.3	0.165	2.18
Q927869		280	>10000	91.1	<0.002	>10.0	143.0	4.6	2	7.5	45.4	0.27	7.54	4.4	0.108	1.52
Q927870		590	812	155.0	<0.002	1.00	17.75	9.6	1	2.6	142.5	0.55	<0.05	12.7	0.243	2.54
Q927871		510	3840	121.0	<0.002	1.60	56.5	8.6	1	3.2	187.0	0.50	<0.05	10.7	0.215	2.11
Q927872		520	280	151.5	0.002	4.30	30.2	9.3	1	7.8	62.3	0.56	2.37	13.5	0.224	2.38
Q927873		200	>10000	57.2	0.005	9.11	405	3.5	1	7.4	75.8	0.23	2.46	4.6	0.089	1.39
Q927874		180	9.4	0.8	<0.002	0.01	0.27	0.1	<1	<0.2	50.2	<0.05	<0.05	0.2	<0.005	<0.02
Q927875		510	266	67.4	0.002	1.13	80.8	4.1	<1	1.5	149.5	0.41	0.09	6.3	0.160	1.37
Q927876		190	500	65.8	<0.002	>10.0	31.0	3.0	13	3.7	9.7	0.35	4.10	6.5	0.088	0.91
Q927877		30	4070	6.7	<0.002	>10.0	141.0	0.4	12	21.5	27.4	<0.05	8.88	1.0	0.008	0.20
Q927878		390	>10000	133.0	<0.002	7.50	54.6	6.7	<1	7.3	53.2	0.47	0.43	10.0	0.163	2.18
Q927879		250	>10000	86.3	<0.002	>10.0	455	4.3	2	19.0	91.9	0.24	0.49	3.0	0.109	1.65
Q927880		350	>10000	140.0	<0.002	6.78	119.0	6.5	<1	7.1	51.0	0.40	0.17	8.2	0.143	2.36
Q927881		170	>10000	84.6	<0.002	9.82	337	3.3	1	14.4	43.6	0.20	0.16	3.8	0.070	1.50
Q927882		560	387	165.5	<0.002	3.04	11.25	10.1	1	4.9	155.5	0.68	0.26	12.9	0.239	2.87
Q927883		540	289	167.5	<0.002	2.86	10.20	10.2	1	5.0	156.0	0.68	0.27	13.0	0.235	2.84
Q927884		160	>10000	61.3	<0.002	>10.0	332	3.1	3	18.4	35.9	0.17	0.20	3.5	0.073	1.23
Q927885		280	>10000	88.5	0.002	2.21	795	5.9	<1	16.9	101.5	0.37	<0.05	9.5	0.130	1.59
Q927886		560	190.5	175.5	<0.002	2.26	18.90	10.0	1	3.0	38.1	0.63	0.09	11.6	0.242	3.41
Q927887		510	365	127.0	<0.002	2.60	15.45	9.2	1	6.4	136.5	0.65	0.24	15.1	0.216	2.25
Q927888		550	>10000	27.2	0.070	>10.0	174.5	10.6	8	18.7	222	0.15	0.47	1.8	0.170	7.24
Q927889		40	1240	15.6	0.006	>10.0	146.0	1.1	6	18.2	21.7	0.05	6.08	1.6	0.020	0.35
Q927890		530	375	192.0	0.002	6.22	14.80	9.6	1	10.0	18.3	0.59	0.67	12.0	0.214	2.83
Q927891		240	>10000	86.0	0.004	>10.0	337	4.6	2	18.3	62.6	0.28	0.73	6.8	0.100	1.28
Q927892		600	4040	141.0	<0.002	9.67	60.0	7.0	1	11.4	85.4	0.55	0.76	9.1	0.200	2.36
Q927893		1000	42.1	117.0	<0.002	0.25	10.10	6.7	<1	1.5	185.0	0.72	<0.05	8.7	0.282	3.04
Q927894		1010	18.2	134.0	<0.002	0.22	7.57	6.8	<1	1.5	169.5	0.76	<0.05	9.3	0.270	4.02
Q927895		1000	15.4	143.0	<0.002	0.22	7.72	6.9	<1	1.4	170.5	0.76	0.05	9.6	0.278	3.85
Q927896		1010	25.0	121.0	<0.002	0.17	10.55	6.7	<1	1.5	183.0	0.75	<0.05	8.9	0.280	3.41

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121783

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q927861		5.2	66	2.8	16.2	377	31.6					
Q927862		4.2	35	3.0	5.3	>10000	14.0			1.855	5.05	
Q927863		5.4	67	3.8	17.4	551	34.5					
Q927864		6.8	44	3.7	10.8	4890	40.8					1.290
Q927865		2.8	73	5.5	10.2	386	27.1					
Q927866		0.6	4	0.1	0.8	21	<0.5					
Q927867		5.0	65	2.5	13.2	1020	24.8					
Q927868		5.4	57	7.3	9.7	3290	22.8					
Q927869		1.5	37	2.5	6.0	>10000	11.5	111		1.135	4.58	
Q927870		4.4	69	4.9	13.7	1280	25.4					
Q927871		6.8	62	5.1	11.4	3840	22.1					
Q927872		7.1	64	6.1	11.6	207	24.1					
Q927873		52.0	29	3.7	7.1	>10000	19.9	102		1.975	1.850	1.560
Q927874		0.7	2	0.1	0.8	24	0.8					
Q927875		25.7	40	2.4	8.4	955	72.9					
Q927876		1.0	31	4.8	5.6	237	13.3					
Q927877		0.9	4	0.7	2.5	2400	1.7	203				
Q927878		2.1	44	6.0	5.1	3550	23.9			1.015		
Q927879		2.0	29	3.1	4.7	>10000	20.6	481		5.66	5.50	3.09
Q927880		4.8	43	4.3	7.3	>10000	17.9			2.02	2.90	1.615
Q927881		6.9	22	2.7	4.6	>10000	9.1	111		1.980	4.75	3.33
Q927882		4.4	66	4.3	11.7	417	30.0					
Q927883		4.4	65	4.2	12.2	328	30.2					
Q927884		1.5	20	1.5	3.9	>10000	9.0	406		5.24	19.40	3.13
Q927885		18.3	41	2.8	8.6	7750	27.6	691		1.065		
Q927886		6.9	70	3.8	11.1	284	37.4					
Q927887		9.7	58	5.8	11.6	366	30.4					
Q927888		2.1	123	8.4	12.0	>10000	10.8	129	2.84	2.45	15.45	
Q927889		1.0	12	0.9	4.6	6670	3.2	121				1.335
Q927890		2.5	63	8.0	7.1	793	27.1					
Q927891		1.9	29	5.2	4.4	>10000	17.9	178		1.355	9.32	4.79
Q927892		3.0	52	5.8	8.1	4930	64.6					
Q927893		5.6	61	1.7	12.1	121	136.5					
Q927894		10.5	59	1.6	12.8	97	134.5					
Q927895		10.8	59	1.6	13.2	95	134.0					
Q927896		5.5	59	1.6	12.6	67	136.0					

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121783

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21d
LOG-22	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121784

Project: KLAZA

P.O. No.: BATCH 135

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

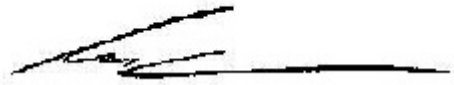
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121784

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934231		0.77	0.011	5.30	6.79	148.5	1080	1.70	0.20	2.57	42.8	47.2	8.5	11	20.6	58.1
Q934232		3.35	<0.005	0.53	7.32	15.4	2190	1.72	0.11	2.85	0.90	49.0	9.4	15	20.5	7.5
Q934233		0.91	<0.005	0.85	6.66	121.0	1840	1.84	0.08	3.11	2.11	48.8	9.1	10	27.2	8.7
Q934234		2.48	<0.005	0.12	6.74	19.7	1710	1.35	0.08	2.35	0.13	42.2	7.4	11	22.6	4.5
Q934235		1.05	<0.005	0.08	7.09	8.0	1970	1.72	0.07	2.46	0.12	43.7	7.3	10	26.3	5.4
Q934236		0.62	<0.005	0.07	6.99	17.9	1710	1.42	0.06	3.27	0.12	45.4	7.7	10	33.0	5.0
Q934237		5.85	<0.005	0.07	7.16	5.6	2080	1.67	0.09	2.57	0.10	44.2	7.5	13	15.85	6.9
Q934238		<0.02	<0.005	0.07	7.07	5.9	2130	1.74	0.09	2.62	0.10	43.1	7.5	13	15.75	6.6
Q934239		6.57	<0.005	0.06	7.39	4.8	2450	1.57	0.06	2.87	0.07	41.7	7.7	14	11.05	7.7
Q934240		1.12	0.007	1.00	6.66	45.3	2250	1.46	0.59	4.08	0.66	44.3	8.4	11	15.65	101.0
Q934241		6.26	0.012	0.27	7.66	69.0	2230	1.63	0.31	2.51	1.43	48.9	9.3	17	10.65	13.5
Q934242		2.51	0.070	2.88	6.51	221	1070	1.62	1.11	2.74	6.36	45.7	14.2	10	16.40	36.0
Q934243		5.60	<0.005	0.01	0.07	0.5	70	0.06	0.03	21.1	0.08	1.31	0.6	1	0.15	4.6
Q934244		2.79	<0.005	0.43	7.29	17.4	1920	1.56	0.43	2.09	1.39	43.4	8.5	11	15.25	18.9
Q934245		1.55	0.013	0.98	7.15	49.6	1880	1.46	1.82	2.83	0.83	49.0	15.8	11	18.05	35.8
Q934246		1.92	0.011	0.96	6.24	112.5	2000	1.49	0.23	2.36	3.38	54.5	7.3	14	14.90	12.3
Q934247		2.30	<0.005	0.35	8.19	382	2110	1.55	0.13	0.77	2.46	57.6	6.5	13	17.50	18.4
Q934248		1.35	0.708	17.30	6.17	>10000	310	1.24	0.59	1.40	24.2	42.7	6.0	12	9.17	17.7
Q934249		1.56	0.349	8.85	7.03	4310	460	1.47	0.44	2.04	31.1	50.1	6.2	11	15.00	19.5
Q934250		0.30	0.847	11.35	6.55	1585	570	1.36	12.55	1.87	31.2	47.0	17.4	18	13.75	279
Q934251		1.47	<0.005	0.18	5.78	49.0	3440	1.21	0.23	2.48	0.47	45.5	21.3	11	15.70	2.1
Q934252		0.66	0.016	0.39	6.34	75.2	3260	1.57	0.31	4.71	0.69	46.6	6.0	9	16.85	10.9
Q934253		1.50	0.005	0.14	7.27	19.1	2100	1.43	0.22	3.50	0.46	52.0	8.4	12	20.9	3.0
Q934254		2.26	0.012	0.88	7.22	52.0	2670	1.72	1.01	2.35	3.71	47.7	5.0	13	25.2	14.0
Q934255		1.23	0.017	1.13	7.22	48.9	2530	1.63	1.26	2.45	6.39	44.1	4.7	12	24.1	15.4
Q934256		6.55	<0.005	0.15	7.80	13.0	2150	1.61	0.15	2.18	0.23	48.6	6.8	15	19.80	18.4
Q934257		4.07	0.006	0.36	7.45	95.7	1920	1.48	0.10	2.85	0.26	50.0	6.4	11	25.2	17.3
Q934258		2.52	<0.005	0.10	7.35	16.4	2850	1.44	0.12	2.53	0.13	43.2	3.9	11	17.50	11.1
Q934259		0.87	0.012	0.39	6.87	152.5	2410	1.68	0.20	4.00	0.71	72.6	6.7	7	21.9	4.7
Q934260		2.17	<0.005	0.17	7.32	56.6	1850	1.50	0.17	2.59	0.46	47.2	5.4	13	21.0	3.1
Q934261		3.58	<0.005	0.13	6.92	16.1	1730	1.35	0.15	3.55	0.75	43.3	4.2	13	16.90	3.6
Q934262		0.31	0.346	4.59	6.92	735	460	1.41	3.73	2.13	11.05	53.0	12.5	28	14.50	321
Q934263		1.78	0.025	1.40	6.68	229	1120	1.62	1.53	3.83	5.52	51.9	9.6	11	14.05	5.0
Q934264		5.45	0.016	0.29	7.42	153.0	2380	1.69	0.31	3.05	0.42	55.8	4.7	14	17.65	3.0
Q934265		1.13	<0.005	0.17	7.15	25.6	1940	1.62	0.24	4.57	0.09	57.6	9.5	12	30.2	3.9
Q934266		5.52	<0.005	0.01	0.06	0.2	20	0.05	0.03	20.7	0.06	1.17	0.6	1	0.16	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934231		3.73	15.80	0.11	1.1	0.135	3.22	24.3	12.4	0.86	1480	1.54	0.11	7.9	2.9	570
Q934232		3.18	17.95	0.12	1.2	0.049	2.85	24.6	13.3	0.72	783	2.05	1.63	9.5	3.0	620
Q934233		2.81	15.85	0.13	1.0	0.034	2.47	26.5	39.4	1.03	1440	0.95	0.08	7.5	3.1	520
Q934234		2.70	16.60	0.10	1.2	0.036	2.49	20.5	34.4	0.62	710	0.78	0.58	8.2	2.6	570
Q934235		2.91	16.85	0.14	1.2	0.032	2.60	21.6	13.2	0.63	578	0.89	1.82	8.5	2.8	590
Q934236		2.62	16.20	0.15	1.1	0.036	2.55	22.5	49.6	0.83	715	9.52	0.60	8.0	2.7	590
Q934237		2.85	16.95	0.12	1.3	0.039	2.63	21.6	13.2	0.69	563	11.70	2.10	8.6	2.8	570
Q934238		2.87	17.05	0.14	1.1	0.036	2.66	20.8	13.3	0.69	573	1.13	2.11	8.7	2.7	590
Q934239		2.97	16.55	0.12	1.1	0.040	2.69	20.1	15.6	0.73	605	1.12	2.24	8.4	2.7	610
Q934240		3.15	15.75	0.12	1.1	0.082	2.67	23.2	22.0	0.81	777	1.48	1.15	8.1	2.9	570
Q934241		3.21	17.15	0.17	1.2	0.063	2.93	24.5	14.4	0.76	816	1.46	1.79	8.9	2.8	600
Q934242		3.47	15.80	0.13	1.0	0.116	3.05	24.5	16.4	0.93	2700	1.04	0.04	7.8	2.6	510
Q934243		0.48	0.21	0.14	<0.1	0.006	0.03	0.6	0.9	13.20	211	0.13	0.01	0.1	1.8	200
Q934244		2.92	15.80	0.18	1.1	0.066	2.97	22.0	20.4	0.66	593	1.16	1.36	7.9	2.6	600
Q934245		3.42	15.40	0.15	1.0	0.056	3.15	25.4	26.6	0.93	1040	1.16	0.35	7.5	2.6	590
Q934246		2.44	14.40	0.14	2.4	0.048	1.85	30.2	49.5	0.90	861	9.40	0.06	7.9	4.6	750
Q934247		3.28	17.05	0.13	1.2	0.049	3.13	31.5	16.7	0.30	1180	1.33	1.01	8.3	3.0	690
Q934248		7.71	13.80	0.11	0.8	0.835	2.96	24.6	8.6	0.55	4580	3.29	0.02	5.7	2.6	490
Q934249		4.99	15.40	0.13	1.0	0.365	3.26	27.9	10.1	0.62	3670	1.43	0.14	7.1	2.6	580
Q934250		6.49	14.80	0.11	1.0	0.786	2.87	26.1	19.1	0.77	1780	8.74	0.12	6.2	11.0	540
Q934251		2.89	12.20	0.12	0.8	0.036	2.37	26.7	22.7	0.67	553	0.94	0.56	5.6	2.3	430
Q934252		4.02	13.20	0.12	1.1	0.083	2.56	25.9	14.7	1.48	1860	1.66	0.38	6.7	2.6	510
Q934253		3.00	14.75	0.14	1.1	0.050	2.67	28.7	86.6	1.26	1360	1.03	0.09	7.6	2.6	560
Q934254		2.97	16.45	0.13	1.1	0.065	3.00	24.6	19.1	0.76	1240	1.04	0.97	8.1	2.8	590
Q934255		2.88	16.20	0.13	1.2	0.066	3.08	22.4	25.4	0.72	1290	1.04	0.86	8.0	2.5	590
Q934256		2.96	16.90	0.14	1.3	0.042	3.05	24.5	25.1	0.69	558	1.20	1.28	8.9	2.8	640
Q934257		2.83	16.50	0.13	1.1	0.043	2.82	26.2	32.0	0.81	864	0.81	0.76	8.0	2.6	600
Q934258		2.98	16.25	0.13	1.2	0.064	2.90	21.5	24.0	0.71	827	0.85	0.76	8.2	2.3	620
Q934259		3.04	14.95	0.16	1.2	0.067	2.57	40.6	29.1	1.24	1680	1.32	0.03	7.9	2.8	550
Q934260		2.83	16.25	0.14	1.2	0.058	3.13	24.3	37.0	0.72	961	1.73	0.28	8.4	2.4	630
Q934261		2.90	15.95	0.13	1.2	0.058	2.93	21.6	35.6	0.72	983	0.94	0.18	8.0	2.3	590
Q934262		5.14	15.85	0.14	1.2	0.320	3.02	30.3	27.4	0.80	1940	14.75	0.15	6.4	14.2	540
Q934263		3.74	14.45	0.12	1.0	0.117	3.05	29.4	13.3	1.41	2470	1.01	0.03	6.9	2.6	530
Q934264		3.33	15.95	0.15	1.2	0.102	3.02	31.8	24.2	1.14	1460	1.95	0.05	8.1	2.7	590
Q934265		3.03	14.90	0.16	1.2	0.058	2.64	31.0	38.2	1.42	1400	1.22	0.05	8.5	3.0	730
Q934266		0.45	0.22	0.24	<0.1	0.005	0.02	0.6	1.0	13.00	195	0.11	<0.01	0.1	1.3	180

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121784

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934231		1290	166.5	<0.002	1.48	15.55	10.2	1	3.3	107.5	0.66	<0.05	13.2	0.234	3.01	5.2
Q934232		82.0	120.0	<0.002	0.15	8.12	12.1	1	2.0	318	0.79	<0.05	13.5	0.273	1.60	5.0
Q934233		200	116.0	0.002	0.46	17.30	10.1	1	1.7	149.5	0.63	<0.05	12.8	0.224	2.34	8.2
Q934234		13.6	89.3	<0.002	0.08	9.79	10.3	<1	1.5	171.5	0.69	<0.05	11.7	0.250	1.59	7.1
Q934235		16.3	104.5	<0.002	0.01	2.87	10.5	<1	1.5	324	0.71	<0.05	12.1	0.255	1.32	2.9
Q934236		13.5	88.8	0.002	0.07	4.46	10.1	1	1.5	188.5	0.67	<0.05	12.1	0.245	1.39	4.1
Q934237		15.6	102.5	<0.002	0.03	2.17	10.6	1	1.7	359	0.74	<0.05	12.7	0.254	1.23	4.2
Q934238		15.2	99.1	<0.002	0.03	2.15	10.3	1	1.6	364	0.70	<0.05	12.0	0.257	1.13	3.6
Q934239		14.5	93.9	<0.002	0.04	1.48	10.1	1	1.6	399	0.69	<0.05	11.1	0.264	1.03	3.5
Q934240		35.9	97.7	<0.002	0.36	13.60	10.4	1	2.0	259	0.68	<0.05	11.8	0.244	1.32	10.5
Q934241		33.2	121.5	<0.002	0.33	4.04	11.1	1	1.8	332	0.73	0.05	13.8	0.264	1.49	4.5
Q934242		413	173.5	<0.002	1.74	18.60	10.8	1	2.9	87.7	0.66	0.07	12.1	0.234	2.95	5.0
Q934243		2.6	1.2	<0.002	0.01	0.08	0.2	<1	<0.2	48.1	<0.05	<0.05	0.2	<0.005	<0.02	0.7
Q934244		73.0	123.0	<0.002	0.25	6.03	10.2	1	1.5	267	0.67	0.05	13.6	0.256	1.59	6.0
Q934245		52.8	149.0	<0.002	0.72	16.70	10.8	1	1.4	157.5	0.65	0.12	13.7	0.252	2.17	5.0
Q934246		212	88.4	<0.002	0.23	41.6	6.7	1	1.4	216	0.57	<0.05	10.3	0.243	1.39	15.1
Q934247		64.6	136.5	<0.002	0.02	8.02	10.8	1	3.2	141.5	0.72	<0.05	16.8	0.297	1.77	2.6
Q934248		1370	198.5	<0.002	3.44	59.2	8.8	1	4.9	25.3	0.49	<0.05	12.0	0.199	3.11	5.5
Q934249		1580	201	<0.002	3.04	32.0	10.3	1	3.7	46.8	0.56	<0.05	13.5	0.239	2.96	4.6
Q934250		1300	164.0	0.002	4.66	63.7	9.0	2	7.5	94.4	0.51	0.98	12.2	0.209	2.49	5.2
Q934251		15.2	116.5	<0.002	0.48	96.4	7.5	1	1.1	145.0	0.47	0.06	9.8	0.186	1.39	7.5
Q934252		34.5	139.0	<0.002	0.56	7.58	8.9	1	2.7	205	0.64	<0.05	13.8	0.214	1.70	9.3
Q934253		16.2	151.0	<0.002	0.20	19.45	9.7	<1	1.4	152.0	0.71	<0.05	15.9	0.238	2.07	6.5
Q934254		135.5	133.0	<0.002	0.34	6.16	10.4	1	1.7	207	0.72	<0.05	13.1	0.254	2.07	5.7
Q934255		182.5	131.5	<0.002	0.36	5.53	9.8	1	1.7	211	0.71	<0.05	12.2	0.257	2.09	6.2
Q934256		25.1	124.5	<0.002	0.06	4.61	10.5	1	1.8	252	0.79	<0.05	14.5	0.282	1.54	4.4
Q934257		27.3	118.5	<0.002	0.24	7.53	10.6	1	1.7	219	0.65	<0.05	13.4	0.260	1.78	6.2
Q934258		12.4	116.5	<0.002	0.09	4.78	10.2	1	2.3	194.5	0.70	<0.05	13.3	0.259	1.72	3.6
Q934259		56.9	139.0	<0.002	0.42	9.19	9.7	1	1.5	146.5	0.71	<0.05	14.5	0.240	2.08	17.9
Q934260		26.8	112.5	<0.002	0.21	6.34	10.1	1	1.6	176.0	0.74	<0.05	14.0	0.270	1.89	6.1
Q934261		43.6	110.5	<0.002	0.11	6.17	9.6	1	1.7	215	0.68	<0.05	13.2	0.251	1.76	5.0
Q934262		499	165.5	0.005	2.80	28.7	9.5	1	5.7	112.0	0.54	0.31	13.4	0.211	2.54	5.8
Q934263		407	178.5	<0.002	0.83	9.21	9.0	1	1.6	108.0	0.60	0.08	14.4	0.214	2.84	5.1
Q934264		23.6	156.5	<0.002	0.35	8.56	10.5	1	1.8	127.0	0.72	<0.05	17.0	0.245	2.20	8.4
Q934265		15.7	123.5	<0.002	0.23	10.05	11.9	1	1.6	125.5	0.70	<0.05	15.9	0.283	1.61	7.4
Q934266		1.4	1.1	<0.002	<0.01	0.09	0.1	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121784

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	As-OG62 As % 0.001
Q934231		64	2.8	15.1	4080	25.3	
Q934232		74	1.9	17.1	141	28.6	
Q934233		63	2.5	16.7	261	24.3	
Q934234		67	2.5	15.0	46	26.2	
Q934235		68	1.0	14.8	46	27.9	
Q934236		66	2.7	15.7	45	24.9	
Q934237		69	1.3	15.2	42	29.4	
Q934238		70	1.7	14.6	42	27.6	
Q934239		71	1.6	15.3	43	26.0	
Q934240		68	3.0	17.7	74	26.5	
Q934241		71	2.7	16.6	135	28.7	
Q934242		66	4.2	14.9	613	23.4	
Q934243		2	0.1	0.8	16	0.7	
Q934244		68	2.6	14.6	177	26.9	
Q934245		70	3.5	15.1	96	24.4	
Q934246		57	4.7	13.7	305	90.1	
Q934247		78	3.4	16.4	526	28.8	
Q934248		55	6.2	11.6	2370	19.9	1.015
Q934249		65	4.6	14.7	2680	24.0	
Q934250		63	5.7	11.7	2350	29.1	
Q934251		52	1.4	12.3	85	19.5	
Q934252		63	3.5	17.7	118	24.0	
Q934253		65	2.2	16.5	91	26.2	
Q934254		68	2.7	15.1	348	27.4	
Q934255		69	2.7	14.1	602	28.5	
Q934256		74	2.4	15.3	70	31.0	
Q934257		68	2.9	16.2	57	28.1	
Q934258		72	2.2	13.7	60	28.6	
Q934259		66	3.0	17.7	115	28.3	
Q934260		72	2.1	14.2	82	28.8	
Q934261		67	2.6	15.0	104	29.1	
Q934262		68	5.6	12.7	906	32.5	
Q934263		59	3.0	12.7	485	25.5	
Q934264		65	2.8	16.1	86	29.5	
Q934265		83	3.2	18.1	38	27.5	
Q934266		2	0.1	0.7	15	<0.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121784

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	As-OG62	Au-AA24	ME-MS61	ME-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121785

Project: KLAZA

P.O. No.: BATCH 139

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121785

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933233		5.63	0.013	0.50	7.31	67.4	2470	1.63	0.41	2.67	1.48	42.5	8.2	18	16.45	4.9
Q933234		6.54	<0.005	0.11	7.13	11.7	2600	1.65	0.27	2.55	0.18	43.8	7.1	14	14.05	7.3
Q933235		3.47	0.026	0.96	6.86	535	1200	1.63	0.37	2.78	3.59	42.4	6.1	13	19.50	6.3
Q933236		3.75	0.126	4.36	6.10	882	660	1.49	1.24	2.38	64.1	45.0	6.7	14	18.55	40.8
Q933237		5.57	<0.005	0.02	0.05	0.7	20	0.05	0.03	20.3	0.09	1.18	0.6	<1	0.13	3.5
Q933238		6.88	0.104	2.25	7.66	116.0	1090	1.61	2.09	4.25	0.73	49.8	17.8	4	15.30	3.0
Q933239		3.92	<0.005	0.20	7.15	22.9	2560	1.68	0.29	2.43	0.30	43.6	6.9	13	19.95	3.4
Q933240		5.09	0.227	3.38	7.07	1390	1000	1.66	3.81	2.04	30.6	46.5	7.2	11	19.15	11.2
Q933241		8.41	0.845	11.15	6.58	3450	290	1.45	3.28	1.05	31.8	39.2	8.4	13	12.65	16.8
Q933242		6.28	<0.005	0.18	7.22	10.4	2040	1.61	0.31	2.63	0.35	52.6	7.0	14	14.95	12.0
Q933243		2.06	<0.005	0.26	7.06	15.0	2020	1.68	0.29	2.85	0.42	45.9	6.8	13	16.50	10.9
Q933244		7.55	0.006	0.39	6.94	25.0	2020	1.59	0.39	2.56	1.36	42.7	7.7	15	16.35	21.6
Q933245		8.48	<0.005	0.11	7.00	7.6	2130	1.67	0.31	2.46	0.19	48.6	6.2	14	11.45	6.5
Q933246		0.30	0.899	11.60	6.22	1540	120	1.39	13.05	1.78	32.9	44.4	17.4	17	13.55	279
Q933247		4.61	<0.005	0.18	7.10	15.8	2070	1.61	0.29	2.51	0.25	44.4	6.7	12	15.80	8.9
Q933248		5.97	0.008	0.39	7.17	25.5	2230	1.69	0.31	2.67	1.84	46.2	7.9	17	15.00	12.2
Q933249		2.16	0.183	3.80	6.69	525	560	1.47	0.28	2.71	30.1	52.9	8.0	13	17.80	27.0
Q933250		5.41	0.012	0.63	6.69	33.7	1850	1.66	1.46	2.62	0.83	40.6	10.6	11	20.9	10.4
Q933251		6.14	0.037	1.95	7.40	72.4	1680	1.78	1.69	1.98	1.71	50.8	12.5	12	17.40	13.9
Q933252		<0.02	0.026	1.40	7.30	70.0	1640	1.61	1.15	1.95	1.63	52.6	11.8	13	16.60	12.5
Q933253		7.00	0.005	0.30	7.59	14.5	2090	1.70	0.34	2.01	0.88	45.3	5.8	17	17.15	10.7
Q933254		3.96	<0.005	0.64	7.24	36.8	1550	1.53	0.14	2.17	0.69	47.3	6.6	17	19.25	19.4
Q933255		4.49	0.349	4.23	6.77	402	280	1.55	0.57	2.13	57.6	49.6	7.6	10	20.5	37.7
Q933256		5.51	<0.005	0.01	0.06	0.8	30	0.05	0.03	20.3	0.12	1.23	0.7	<1	0.16	1.6
Q933257		3.85	0.009	0.36	6.99	46.0	880	1.89	0.19	1.82	1.07	42.4	6.8	15	17.65	14.0
Q933258		7.53	0.239	3.07	6.86	1960	1190	1.58	1.10	2.77	34.3	44.9	6.0	10	22.5	44.2
Q933259		3.08	0.146	7.43	6.61	309	1130	1.90	6.06	2.58	14.55	44.8	6.5	26	30.8	290
Q933260		0.30	0.396	4.50	6.53	694	400	1.36	3.25	1.99	10.85	48.0	12.0	23	13.25	306
Q933261		5.41	<0.005	0.08	6.34	29.0	680	1.85	0.23	3.25	0.10	45.7	5.5	21	33.1	12.4
Q933262		6.47	<0.005	0.09	7.08	21.6	5500	1.69	0.19	2.10	0.23	55.9	5.9	26	23.8	11.6
Q933263		0.75	0.095	2.49	8.10	252	5380	1.96	1.37	1.75	10.25	52.9	7.5	28	21.1	51.8
Q933264		11.48	0.006	0.39	6.94	33.3	1180	1.40	0.22	1.71	1.05	56.3	5.6	30	16.05	14.1
Q933265		5.20	0.977	5.51	6.71	650	410	1.68	1.39	1.74	25.8	45.4	7.3	9	21.0	35.7
Q933266		7.31	0.202	1.93	7.07	340	890	1.67	0.25	1.61	5.42	50.6	7.8	12	19.70	22.0
Q933267		2.85	0.408	11.10	6.37	1030	290	1.36	1.91	1.67	63.4	43.3	8.3	11	12.80	63.1
Q933268		6.94	0.009	0.25	7.04	25.0	2100	1.52	0.18	2.60	0.63	43.5	6.9	14	15.25	9.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933233		3.00	15.70	0.12	1.2	0.050	3.48	20.6	33.9	0.75	1160	1.48	0.97	7.6	2.9	570
Q933234		3.00	15.85	0.12	1.1	0.034	2.63	21.6	11.0	0.72	633	1.54	2.05	8.0	2.4	560
Q933235		3.40	15.20	0.11	1.1	0.052	2.86	21.7	47.3	0.98	1130	1.23	0.41	7.4	2.5	520
Q933236		2.98	13.35	0.10	1.0	0.517	2.37	24.6	116.0	0.84	1100	4.99	0.04	6.5	2.5	470
Q933237		0.48	0.19	0.21	<0.1	<0.005	0.02	0.6	1.2	12.55	216	0.10	0.01	0.2	1.6	170
Q933238		5.82	20.9	0.13	2.3	0.093	2.20	24.6	103.5	1.56	1450	0.79	1.16	5.8	4.7	1160
Q933239		2.88	16.35	0.12	1.2	0.036	2.85	21.5	78.2	0.70	503	1.30	1.32	8.3	2.7	600
Q933240		2.93	16.05	0.11	1.2	2.07	2.81	23.6	192.0	0.71	913	2.82	0.06	8.3	2.4	560
Q933241		5.66	15.55	0.10	1.0	0.233	3.02	20.0	11.9	0.53	931	1.58	0.03	6.3	2.4	500
Q933242		2.97	16.45	0.11	1.1	0.040	2.73	26.4	32.6	0.71	596	1.11	1.70	8.2	2.5	580
Q933243		2.98	17.10	0.11	1.2	0.042	2.90	21.8	56.6	0.68	701	1.34	1.38	8.6	2.4	590
Q933244		2.89	16.05	0.11	1.1	0.034	2.85	20.9	34.3	0.73	767	2.03	1.55	7.8	2.4	540
Q933245		2.96	16.15	0.12	1.3	0.037	2.61	24.0	13.9	0.73	549	1.45	2.14	8.4	2.7	560
Q933246		6.22	15.50	0.10	1.1	0.801	2.75	22.6	20.4	0.72	1790	8.77	0.12	6.4	12.2	500
Q933247		2.85	16.30	0.11	1.2	0.037	2.74	21.5	21.8	0.68	600	1.29	1.89	8.1	2.3	570
Q933248		3.01	16.10	0.13	1.2	0.047	2.78	23.0	15.6	0.68	677	1.48	1.83	8.1	2.3	540
Q933249		3.88	15.20	0.11	1.0	0.155	3.03	28.2	33.6	0.92	2210	2.99	0.11	7.5	2.5	520
Q933250		3.18	16.05	0.11	1.1	0.049	2.97	19.4	69.7	0.70	874	1.11	0.84	7.8	2.4	530
Q933251		4.53	17.00	0.13	1.1	0.051	3.08	26.2	31.3	0.83	1220	1.16	0.79	8.0	2.6	570
Q933252		4.44	15.80	0.12	1.0	0.055	3.00	28.0	28.8	0.82	1170	1.26	0.78	7.5	2.7	570
Q933253		3.70	16.60	0.12	1.1	0.037	3.13	22.6	38.9	0.78	711	2.50	0.76	8.1	2.3	580
Q933254		3.63	16.45	0.11	1.2	0.051	3.00	22.7	125.5	0.74	1140	1.27	0.34	8.7	2.5	650
Q933255		3.91	15.40	0.11	1.0	0.564	2.76	25.5	88.2	0.81	1800	1.85	0.04	7.4	2.7	520
Q933256		0.47	0.21	0.20	<0.1	<0.005	0.02	0.6	1.3	12.45	205	0.27	0.01	0.2	1.5	160
Q933257		2.74	16.15	0.16	1.1	0.045	2.54	21.2	338	0.62	1050	1.60	0.07	8.0	2.3	550
Q933258		3.52	16.70	0.12	1.1	0.527	3.11	22.6	24.2	0.76	1600	1.60	0.03	7.6	2.9	530
Q933259		2.29	18.45	0.11	3.5	0.554	2.73	21.6	25.5	0.63	796	25.1	0.07	8.9	18.3	650
Q933260		4.87	15.20	0.10	1.1	0.292	2.87	27.1	25.7	0.75	1870	14.00	0.15	6.1	14.3	500
Q933261		2.03	18.85	0.11	3.2	0.025	2.57	21.8	90.9	0.69	537	1.28	0.07	9.0	15.6	680
Q933262		2.20	19.45	0.12	3.7	0.030	2.47	28.6	130.5	0.79	562	0.76	0.06	9.3	18.3	680
Q933263		2.55	23.2	0.11	3.7	0.351	2.11	25.8	178.0	0.63	1030	1.87	0.07	10.4	19.9	670
Q933264		1.90	18.95	0.09	4.3	0.034	1.47	29.5	241	0.72	547	1.91	0.04	9.0	20.0	590
Q933265		3.94	15.90	0.10	1.3	0.380	2.79	24.8	38.8	0.78	1570	9.89	0.03	6.9	4.9	490
Q933266		3.76	15.35	0.11	1.0	0.057	3.10	27.7	84.4	0.70	1590	1.76	0.05	7.6	2.4	530
Q933267		5.53	14.70	0.09	1.0	0.399	2.89	22.1	18.9	0.60	3080	5.36	0.03	6.5	2.5	480
Q933268		2.91	16.20	0.11	1.1	0.044	2.95	21.6	20.2	0.70	813	1.35	1.68	8.0	2.5	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933233		66.4	140.5	<0.002	0.81	4.92	9.6	1	1.9	263	0.67	0.27	12.3	0.241	2.32	4.3
Q933234		21.6	100.5	<0.002	0.44	2.11	10.2	1	1.7	403	0.64	0.17	13.3	0.248	1.21	4.1
Q933235		208	128.5	<0.002	0.92	10.55	9.0	1	2.5	204	0.61	0.19	13.4	0.224	2.39	4.3
Q933236		777	133.5	<0.002	1.29	43.7	8.5	1	1.9	148.0	0.55	0.27	12.6	0.195	2.19	5.4
Q933237		1.9	0.8	<0.002	0.01	0.16	0.1	1	<0.2	45.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q933238		115.5	110.5	<0.002	3.00	8.08	14.6	2	4.2	438	0.34	1.61	3.4	0.414	2.14	3.1
Q933239		19.5	104.5	<0.002	0.46	8.75	10.4	1	1.7	323	0.66	0.10	13.0	0.260	1.61	3.9
Q933240		310	113.5	<0.002	1.13	19.50	10.1	1	2.1	170.0	0.73	0.13	14.5	0.244	2.21	4.8
Q933241		1000	199.5	<0.002	4.89	15.70	9.5	1	5.5	67.8	0.52	4.32	12.2	0.200	2.77	4.2
Q933242		31.8	112.5	<0.002	0.56	3.24	10.6	1	1.9	341	0.65	0.14	14.2	0.249	1.51	4.1
Q933243		44.3	107.0	<0.002	0.56	4.58	10.9	1	2.2	320	0.68	0.11	13.0	0.262	1.69	4.0
Q933244		64.2	110.5	<0.002	0.74	5.46	9.8	1	1.8	312	0.62	0.22	12.1	0.235	1.66	4.0
Q933245		22.6	102.0	<0.002	0.28	1.58	10.2	1	1.8	355	0.70	0.15	13.2	0.242	1.24	4.3
Q933246		1240	152.0	<0.002	4.49	63.3	9.2	1	8.3	91.5	0.53	1.30	11.7	0.204	2.58	5.5
Q933247		27.6	109.0	<0.002	0.46	2.58	9.8	<1	1.8	342	0.72	0.10	13.8	0.240	1.44	4.5
Q933248		122.0	107.5	<0.002	0.59	2.93	9.6	1	2.0	354	0.70	0.08	13.3	0.233	1.45	4.6
Q933249		921	179.5	<0.002	2.24	17.25	10.6	1	3.9	129.0	0.63	0.07	14.2	0.226	2.56	5.1
Q933250		47.3	113.5	<0.002	0.87	7.54	9.8	1	2.1	251	0.66	0.54	11.4	0.229	1.89	4.4
Q933251		123.0	144.5	<0.002	1.11	9.66	10.7	1	2.5	230	0.67	0.80	14.5	0.247	2.30	4.9
Q933252		131.0	146.0	<0.002	1.09	9.10	10.1	1	2.4	224	0.62	0.50	14.0	0.233	2.09	4.6
Q933253		61.4	124.0	<0.002	0.31	6.82	10.2	1	2.0	252	0.69	0.15	13.3	0.249	1.83	4.7
Q933254		43.4	110.5	<0.002	0.16	17.30	10.8	1	2.1	215	0.74	<0.05	12.2	0.260	2.11	5.0
Q933255		863	147.5	<0.002	1.66	30.8	9.6	1	2.5	205	0.61	0.06	11.6	0.228	2.81	4.9
Q933256		2.4	1.1	<0.002	0.01	0.10	0.2	<1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	0.02	1.0
Q933257		93.9	94.8	<0.002	0.62	24.4	9.7	1	1.9	228	0.69	<0.05	12.3	0.231	1.81	5.0
Q933258		583	139.5	<0.002	1.80	17.95	9.7	1	4.3	216	0.61	0.10	13.0	0.232	3.34	4.3
Q933259		437	88.0	<0.002	0.42	34.0	5.9	1	4.2	293	0.72	<0.05	9.7	0.255	2.33	14.8
Q933260		471	156.5	0.002	2.63	28.8	9.0	1	5.8	105.0	0.49	0.27	12.2	0.198	2.42	5.2
Q933261		18.6	74.8	<0.002	0.06	7.15	5.6	1	1.8	413	0.70	<0.05	9.2	0.257	1.74	4.8
Q933262		20.2	89.3	<0.002	0.26	6.98	6.1	1	1.8	460	0.73	<0.05	11.2	0.260	2.06	4.2
Q933263		278	78.7	<0.002	0.75	18.90	8.2	1	3.9	746	0.87	<0.05	12.4	0.298	1.84	6.9
Q933264		53.8	59.7	<0.002	0.22	11.45	5.9	1	1.9	782	0.74	<0.05	11.9	0.241	1.33	5.0
Q933265		1160	159.0	<0.002	1.97	29.4	9.0	1	3.5	190.5	0.55	0.09	12.3	0.205	3.11	5.4
Q933266		277	156.0	<0.002	1.23	18.70	10.7	1	2.9	141.0	0.58	0.05	14.6	0.239	2.62	4.3
Q933267		2270	187.5	<0.002	4.73	40.0	8.8	1	5.9	99.3	0.49	0.09	12.8	0.192	3.01	412
Q933268		42.1	122.5	<0.002	0.17	3.62	10.3	1	1.8	336	0.57	0.05	12.7	0.248	1.73	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121785

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933233		69	3.0	13.3	142	30.2
Q933234		67	1.5	15.4	54	27.8
Q933235		61	3.3	13.5	259	28.3
Q933236		57	3.1	11.7	3830	24.2
Q933237		1	0.1	0.7	17	<0.5
Q933238		147	4.3	17.0	107	83.5
Q933239		71	1.4	14.3	49	28.6
Q933240		66	3.4	14.6	1780	29.7
Q933241		59	5.6	9.5	1970	24.0
Q933242		70	1.3	15.5	51	27.3
Q933243		73	1.3	15.1	53	28.2
Q933244		64	1.3	14.1	121	28.2
Q933245		67	1.0	16.0	47	31.4
Q933246		60	6.0	11.2	2340	29.2
Q933247		66	1.7	15.2	52	30.2
Q933248		64	1.1	15.0	149	30.4
Q933249		65	4.6	15.8	1980	24.8
Q933250		66	2.2	14.0	88	27.9
Q933251		67	3.4	14.8	156	28.3
Q933252		65	3.2	14.4	153	26.9
Q933253		69	2.2	15.3	101	28.1
Q933254		75	3.0	15.9	97	30.0
Q933255		64	4.9	12.7	3450	24.4
Q933256		1	0.1	0.8	15	<0.5
Q933257		66	2.0	12.9	106	26.8
Q933258		63	4.7	13.0	2080	29.2
Q933259		51	2.1	11.0	958	119.5
Q933260		65	5.5	11.6	857	31.5
Q933261		49	1.4	10.7	50	110.5
Q933262		50	1.7	11.8	59	128.0
Q933263		64	5.6	13.3	704	128.5
Q933264		48	2.2	11.6	94	153.0
Q933265		58	4.6	10.2	1740	37.7
Q933266		69	4.1	13.1	395	27.3
Q933267		56	9.8	15.5	4960	30.8
Q933268		69	1.6	14.9	78	29.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121785

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121786

Project: KLAZA

P.O. No.: BATCH 136

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121786

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933197		5.53	0.144	7.10	7.05	133.5	460	1.44	0.97	2.31	20.5	47.0	17.1	7	15.00	146.0
Q933198		5.83	0.211	0.82	7.06	724	1960	1.55	0.48	2.48	4.16	40.2	6.9	9	20.6	9.9
Q933199		10.94	<0.005	0.20	6.43	18.3	1440	1.81	0.36	3.30	0.44	50.8	5.5	12	20.5	7.4
Q933200		4.26	<0.005	0.14	7.37	15.1	1320	1.87	0.30	1.95	0.45	56.6	5.5	12	20.1	5.7
Q933201		9.92	<0.005	0.14	6.76	14.2	1220	1.84	0.23	2.81	0.48	50.3	5.3	12	21.8	8.7
Q933202		0.30	0.895	12.10	6.50	1540	390	1.37	12.70	1.83	33.2	46.2	17.7	17	13.65	286
Q933203		7.20	0.210	6.51	7.38	96.4	310	1.61	2.04	2.24	4.29	45.8	7.6	6	28.3	69.3
Q933204		8.78	0.005	0.66	7.31	17.1	960	1.41	0.68	2.23	0.69	46.1	7.5	8	19.50	5.6
Q933205		4.06	0.028	2.78	6.21	64.5	490	1.05	1.21	1.15	12.85	30.9	6.4	7	8.09	5.8
Q933206		5.51	<0.005	0.01	0.09	0.3	30	0.07	0.02	20.5	0.07	1.33	0.7	<1	0.25	2.8
Q933207		5.38	0.023	1.00	7.13	31.4	450	1.38	1.03	2.27	1.31	48.9	7.5	7	19.40	5.0
Q933208		6.60	0.014	1.12	7.10	23.5	210	1.34	1.10	2.41	2.77	47.2	7.2	7	15.00	5.2
Q933209		5.65	<0.005	0.13	7.19	6.5	3120	1.39	0.52	2.55	0.13	44.8	7.3	9	12.95	6.1
Q933210		2.66	<0.005	0.13	7.03	7.2	3160	1.34	0.42	2.50	0.13	43.9	6.9	7	12.80	6.0
Q933211		2.86	0.075	3.00	6.74	65.2	400	1.54	1.02	2.94	6.45	46.2	7.3	6	23.2	19.6
Q933212		5.14	<0.005	0.14	7.21	9.8	2720	1.35	0.25	2.48	0.18	42.7	7.4	7	14.95	15.7
Q933213		2.33	0.081	0.72	6.93	26.2	860	1.50	1.13	2.85	0.31	41.7	15.9	7	14.20	4.2
Q933214		6.53	0.007	0.19	7.27	14.9	2200	1.44	0.33	2.56	0.19	46.1	6.7	8	16.65	11.2
Q933215		<0.02	0.008	0.20	7.29	15.8	2190	1.52	0.35	2.57	0.18	47.3	6.7	10	16.90	10.6
Q933216		6.92	<0.005	0.17	7.23	10.2	2730	1.60	0.36	2.58	0.22	43.3	9.1	8	16.90	5.1
Q933217		2.54	0.722	13.55	7.04	367	860	1.63	4.50	2.20	37.4	50.7	8.0	6	23.2	100.0
Q933218		7.95	0.012	0.36	7.24	65.1	1150	1.79	0.15	2.21	0.14	49.2	7.4	8	27.1	7.7
Q933219		12.29	0.006	0.28	7.35	44.1	1910	1.78	0.13	2.31	0.07	55.3	7.4	13	24.2	7.7
Q933220		8.76	0.016	0.47	7.52	83.8	480	1.89	0.09	2.40	0.15	52.2	8.2	9	22.4	6.5
Q933221		0.33	0.392	4.26	6.33	686	300	1.34	3.56	1.92	10.40	46.4	11.7	23	12.85	297
Q933222		1.55	<0.005	0.40	7.62	31.1	1510	1.85	0.37	1.65	0.31	50.8	8.8	7	29.2	9.1
Q933223		2.24	<0.005	0.29	7.31	20.5	710	1.95	0.23	3.56	0.29	49.7	6.5	8	29.4	7.1
Q933224		9.67	0.007	0.47	7.21	18.5	2220	1.60	0.56	2.45	0.74	43.5	6.6	7	18.00	8.8
Q933225		4.69	0.016	0.44	7.28	26.3	2090	1.67	0.47	1.72	1.14	48.0	7.3	7	18.85	12.9
Q933226		8.21	0.115	8.75	7.31	98.9	750	1.43	1.54	1.98	58.2	48.1	7.2	7	17.90	60.3
Q933227		5.56	<0.005	0.01	0.07	0.3	40	0.07	0.02	21.1	0.09	1.23	0.6	<1	0.20	3.7
Q933228		5.58	0.010	3.58	7.29	10.2	2740	1.40	0.42	2.20	8.46	44.8	7.0	7	19.10	12.6
Q933229		4.64	1.045	20.5	6.70	3840	980	1.54	1.36	1.73	29.6	48.9	7.3	6	19.55	130.0
Q933230		7.74	<0.005	0.16	7.14	12.0	2300	1.59	0.17	2.38	0.18	54.0	7.7	10	10.55	13.6
Q933231		5.95	<0.005	0.13	6.83	10.9	2440	1.50	0.22	2.63	0.21	45.8	7.2	9	12.95	7.4
Q933232		3.18	0.253	4.72	6.55	422	1000	1.52	1.87	2.22	26.3	48.1	9.4	7	13.50	13.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933197		4.02	14.95	0.12	1.1	0.179	3.10	25.5	53.6	0.75	1460	1.75	0.05	7.2	2.4	550
Q933198		3.16	16.30	0.10	1.0	0.104	2.91	19.8	22.5	0.68	1150	3.79	1.36	7.9	2.6	560
Q933199		2.21	17.90	0.11	3.3	0.025	2.44	25.5	91.4	0.71	505	1.38	0.08	10.2	4.3	910
Q933200		2.23	20.5	0.12	3.2	0.024	2.56	28.6	69.1	0.70	435	1.63	0.04	11.5	4.6	950
Q933201		2.25	18.75	0.12	3.3	0.027	2.57	25.1	64.3	0.70	470	1.22	0.04	10.7	4.6	900
Q933202		6.41	15.75	0.10	1.1	0.784	2.84	24.4	19.6	0.75	1810	9.04	0.12	6.7	12.1	520
Q933203		3.63	16.70	0.10	1.2	0.073	3.00	23.5	54.6	0.77	966	2.02	0.04	6.8	2.4	580
Q933204		3.37	16.35	0.13	1.1	0.041	3.23	23.7	49.8	0.75	1120	0.95	0.15	7.4	2.1	550
Q933205		4.78	15.15	0.10	0.9	0.118	2.98	16.0	13.0	0.55	1140	4.77	0.04	3.3	2.3	470
Q933206		0.47	0.30	0.19	<0.1	<0.005	0.04	0.7	1.3	12.85	209	0.18	0.01	0.2	1.5	190
Q933207		3.10	16.10	0.15	1.1	0.044	3.23	25.5	27.2	0.77	1410	0.56	0.04	6.7	2.1	550
Q933208		3.42	15.85	0.12	1.0	0.042	3.11	24.0	35.6	0.78	1170	1.00	0.26	6.1	2.3	530
Q933209		2.85	16.00	0.13	1.1	0.026	2.74	23.0	12.5	0.76	561	1.26	1.78	7.7	2.2	550
Q933210		2.81	15.20	0.11	1.1	0.023	2.68	22.5	12.4	0.74	558	1.01	1.76	7.6	2.0	540
Q933211		3.56	15.05	0.11	1.1	0.123	3.12	25.1	30.7	0.93	1570	1.68	0.20	6.6	2.3	510
Q933212		2.88	16.00	0.11	1.2	0.031	2.84	21.3	27.9	0.69	559	2.94	1.60	8.2	2.2	580
Q933213		3.74	15.85	0.11	1.2	0.058	3.02	21.5	19.9	0.87	761	0.71	1.17	7.3	2.2	510
Q933214		2.91	16.40	0.10	1.2	0.031	2.94	23.3	15.3	0.80	609	0.81	1.91	8.3	2.4	570
Q933215		2.97	16.70	0.11	1.2	0.035	2.90	23.9	15.3	0.81	637	1.02	1.90	8.4	2.3	580
Q933216		3.14	16.75	0.12	1.3	0.055	2.88	21.4	22.3	0.81	670	1.29	1.85	8.6	2.7	610
Q933217		3.53	16.10	0.10	1.8	0.897	3.04	27.9	27.0	0.90	1460	4.58	0.05	7.9	2.8	540
Q933218		2.59	18.70	0.11	3.8	0.027	3.15	24.5	34.8	0.82	701	2.07	0.05	10.6	4.3	760
Q933219		2.65	18.65	0.13	3.6	0.030	2.77	28.3	194.0	0.90	632	2.39	0.04	10.9	5.5	910
Q933220		2.86	19.20	0.11	4.0	0.031	2.89	26.4	312	0.91	742	2.32	0.04	10.8	4.9	780
Q933221		4.70	15.05	0.11	1.1	0.289	2.76	26.6	25.2	0.73	1810	14.30	0.14	6.1	13.4	470
Q933222		2.73	16.15	0.10	1.5	0.053	2.56	26.9	216	0.68	718	1.69	0.04	8.6	3.0	600
Q933223		2.64	18.80	0.12	3.7	0.029	3.08	25.1	58.4	1.17	640	1.44	0.06	10.8	4.1	770
Q933224		2.97	15.85	0.13	1.1	0.042	2.90	21.9	107.5	0.73	659	0.96	1.11	7.9	2.2	560
Q933225		3.45	16.00	0.11	1.0	0.028	2.65	25.3	312	0.68	948	1.62	0.06	7.5	2.2	560
Q933226		3.86	15.20	0.11	1.3	0.555	3.24	25.3	51.8	0.81	1030	1.12	0.07	7.4	2.1	530
Q933227		0.47	0.25	0.23	<0.1	<0.005	0.03	0.6	1.6	12.85	218	<0.05	<0.01	0.1	1.5	210
Q933228		3.28	16.20	0.12	1.1	0.337	2.89	22.5	63.7	0.67	607	1.12	0.77	8.3	2.4	590
Q933229		4.49	15.00	0.05	1.1	0.480	2.91	26.4	17.7	0.73	1080	6.23	0.04	6.9	2.1	540
Q933230		2.88	16.20	0.09	1.1	0.030	2.78	27.3	18.3	0.81	647	1.25	2.21	8.1	2.6	590
Q933231		2.88	15.35	0.07	1.1	0.033	2.70	22.9	16.5	0.67	620	1.13	1.89	7.6	2.2	570
Q933232		3.75	15.40	0.06	1.0	1.000	3.26	25.3	15.9	0.72	1960	1.25	0.24	6.8	2.3	500

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933197		1840	166.0	<0.002	2.90	32.8	9.9	1	3.0	133.0	0.57	0.21	12.4	0.226	2.57	4.3
Q933198		182.0	123.0	<0.002	0.85	6.19	9.9	1	2.6	300	0.57	0.09	10.6	0.246	2.12	3.6
Q933199		25.5	68.2	<0.002	0.05	7.48	4.4	1	1.4	634	0.70	0.05	8.5	0.278	1.07	3.6
Q933200		25.4	73.5	<0.002	0.04	11.50	4.6	1	1.5	445	0.81	<0.05	9.8	0.287	1.07	3.9
Q933201		22.7	72.9	<0.002	0.03	10.25	4.4	1	1.5	501	0.75	<0.05	8.7	0.275	1.15	3.6
Q933202		1270	165.5	0.002	4.63	63.8	9.3	2	8.0	94.0	0.53	1.65	12.3	0.203	2.62	5.6
Q933203		476	153.5	<0.002	2.38	20.7	9.9	1	2.9	200	0.53	0.27	12.3	0.211	3.07	4.6
Q933204		39.2	143.5	0.002	1.53	7.98	10.2	1	2.3	183.0	0.59	0.23	12.7	0.230	2.45	4.2
Q933205		765	177.0	<0.002	4.71	11.95	8.1	1	4.6	51.7	0.27	0.32	10.4	0.112	2.44	3.1
Q933206		2.8	1.6	<0.002	0.01	0.08	0.2	1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q933207		96.8	166.5	<0.002	2.09	7.24	9.8	1	2.0	165.5	0.52	0.37	13.2	0.208	2.90	4.7
Q933208		109.0	165.5	<0.002	2.46	6.89	10.3	1	2.1	272	0.46	0.34	12.8	0.189	2.81	4.0
Q933209		18.9	110.0	<0.002	0.69	2.08	9.7	1	1.7	408	0.63	0.13	13.3	0.230	1.51	4.0
Q933210		18.5	103.0	<0.002	0.60	2.17	9.3	1	1.7	411	0.60	0.14	12.9	0.224	1.49	3.7
Q933211		878	146.0	<0.002	2.00	9.80	8.8	1	2.6	249	0.54	0.25	12.3	0.205	2.63	4.6
Q933212		20.6	103.0	<0.002	0.29	3.56	9.7	1	1.7	357	0.65	0.08	13.2	0.249	1.50	4.1
Q933213		30.2	128.5	<0.002	1.85	3.45	9.4	1	1.9	253	0.60	0.48	12.6	0.213	1.90	4.2
Q933214		23.1	116.0	<0.002	0.44	2.77	9.8	1	1.8	331	0.66	0.17	12.7	0.241	1.59	4.0
Q933215		22.1	122.0	<0.002	0.46	2.84	10.3	1	1.8	329	0.67	0.14	14.1	0.247	1.64	4.3
Q933216		21.1	114.5	<0.002	0.58	3.41	10.9	1	1.9	365	0.68	0.14	13.2	0.258	1.66	4.4
Q933217		2770	189.0	<0.002	1.57	36.0	8.8	1	2.7	184.5	0.62	0.18	12.9	0.228	3.18	6.0
Q933218		24.7	156.0	<0.002	0.40	30.4	7.7	1	1.6	292	0.79	<0.05	9.7	0.295	3.51	6.8
Q933219		17.2	133.5	<0.002	0.29	27.2	7.0	1	1.4	563	0.75	<0.05	10.0	0.301	2.84	5.3
Q933220		25.0	138.5	<0.002	0.51	37.9	7.8	1	1.4	403	0.83	<0.05	10.2	0.308	2.97	5.9
Q933221		445	151.5	0.005	2.55	27.9	8.7	1	5.4	101.5	0.49	0.29	11.8	0.191	2.39	5.1
Q933222		38.2	122.0	<0.002	0.67	18.25	10.2	1	1.9	235	0.72	<0.05	14.8	0.249	2.62	3.8
Q933223		32.5	119.5	<0.002	0.11	25.7	7.5	1	1.4	395	0.80	<0.05	9.7	0.292	2.89	5.1
Q933224		89.6	114.5	<0.002	0.59	11.35	9.6	1	2.0	298	0.65	0.07	12.2	0.240	1.69	4.0
Q933225		67.2	115.5	<0.002	1.06	23.5	9.8	1	2.1	245	0.60	0.13	12.7	0.223	2.04	5.0
Q933226		2880	162.0	<0.002	1.80	17.90	9.6	1	2.9	148.5	0.63	0.19	13.6	0.209	2.62	4.7
Q933227		3.9	1.3	<0.002	<0.01	0.09	0.2	<1	<0.2	47.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q933228		1190	110.0	<0.002	0.60	10.70	10.2	1	2.0	271	0.66	0.10	12.3	0.248	1.70	4.1
Q933229		5640	155.0	<0.002	1.97	50.4	9.4	1	3.3	156.0	0.56	0.09	12.1	0.218	2.86	4.3
Q933230		24.6	110.5	<0.002	0.13	2.13	10.5	1	1.9	381	0.68	<0.05	14.3	0.243	1.21	4.7
Q933231		23.7	103.5	<0.002	0.39	2.61	9.9	<1	1.6	349	0.66	<0.05	13.9	0.249	1.10	4.1
Q933232		1140	177.0	<0.002	2.10	10.90	9.1	1	3.0	122.0	0.60	0.10	12.8	0.209	2.55	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121786

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933197		65	4.3	13.0	1980	30.7
Q933198		66	2.3	13.8	278	25.3
Q933199		45	1.2	8.0	139	123.0
Q933200		47	1.4	8.6	147	108.5
Q933201		46	1.3	7.9	147	119.0
Q933202		61	5.8	11.7	2340	30.2
Q933203		65	3.2	11.2	227	34.6
Q933204		68	2.6	12.9	80	29.6
Q933205		52	2.4	6.6	684	24.4
Q933206		2	0.1	0.9	14	0.5
Q933207		64	3.4	12.1	115	28.7
Q933208		63	3.6	12.0	218	27.3
Q933209		64	9.3	13.3	40	28.6
Q933210		62	8.7	12.8	39	28.0
Q933211		58	4.0	13.5	438	30.2
Q933212		67	4.8	14.4	47	31.8
Q933213		61	2.3	13.6	53	31.7
Q933214		68	2.3	15.3	49	31.0
Q933215		68	2.3	15.9	48	32.3
Q933216		73	1.7	15.5	54	32.3
Q933217		62	4.2	14.7	2440	59.5
Q933218		72	11.9	13.6	59	135.5
Q933219		66	7.5	12.8	64	133.5
Q933220		74	15.4	14.1	69	140.0
Q933221		62	5.2	11.3	829	29.3
Q933222		68	4.9	14.3	77	40.1
Q933223		71	3.1	14.7	70	135.5
Q933224		67	2.8	13.6	84	29.9
Q933225		65	6.3	12.9	109	26.3
Q933226		64	4.6	12.3	3730	33.0
Q933227		1	0.1	0.8	17	0.5
Q933228		68	2.3	14.0	556	29.0
Q933229		59	6.2	11.7	1910	26.5
Q933230		67	1.4	17.8	56	28.6
Q933231		65	1.8	15.0	55	27.7
Q933232		57	3.9	12.7	1580	26.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121786

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d
	PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121946

Project: KLAZA

P.O. No.: BATCH 142

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

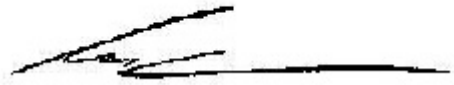
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121946

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933269		7.17	0.023	3.15	7.05	71.3	1870	1.40	3.76	2.59	5.12	45.7	7.8	12	13.45	187.5
Q933270		8.12	<0.005	0.15	7.42	6.8	2180	1.53	0.22	2.54	0.20	52.8	7.2	11	9.59	14.2
Q933271		4.95	<0.005	0.14	7.49	6.2	2240	1.55	0.21	2.57	0.16	47.0	7.3	16	9.62	14.2
Q933272		3.11	1.055	8.13	6.57	505	140	1.43	9.48	1.83	14.40	41.5	20.1	17	14.60	115.5
Q933273		7.62	0.010	0.15	6.72	11.6	1340	1.39	0.70	2.58	0.14	38.6	7.7	14	14.25	7.3
Q933274		3.56	0.043	34.5	6.94	277	1950	1.50	0.15	1.40	2.98	42.3	7.1	10	30.6	18.7
Q933275		0.29	0.382	4.76	6.52	671	340	1.39	3.40	1.93	10.70	47.8	12.2	23	13.65	307
Q933276		3.52	<0.005	0.12	7.38	7.9	2160	1.57	0.17	2.48	0.17	48.8	8.0	11	19.40	11.2
Q933277		6.13	0.023	6.18	6.93	21.3	1780	1.45	0.29	1.76	1.19	44.0	8.2	10	23.3	26.3
Q933278		3.36	<0.005	0.10	7.43	7.8	2110	1.69	0.18	2.16	0.15	53.8	6.3	11	17.70	7.2
Q933279		6.40	0.009	0.17	6.69	17.0	2070	1.73	0.31	1.51	0.61	37.7	6.6	11	20.5	5.7
Q933280		4.19	<0.005	0.10	7.65	23.1	1410	1.59	0.17	1.12	0.16	53.6	8.2	14	34.6	7.0
Q933281		6.29	0.011	0.15	6.86	14.5	1960	1.63	0.37	2.26	0.14	43.6	8.2	10	17.20	7.8
Q933282		<0.02	0.014	0.16	7.41	14.5	2120	1.63	0.30	2.43	0.14	46.4	8.7	13	17.40	7.4
Q933283		5.95	0.021	22.3	7.22	319	2030	1.52	0.74	2.37	7.16	45.3	7.8	12	17.55	20.9
Q933284		4.99	0.007	3.99	7.58	44.1	2080	1.62	0.31	2.24	6.96	47.4	8.3	10	23.6	11.3
Q933285		4.27	<0.005	0.12	7.75	6.6	2190	1.55	0.19	2.47	0.13	50.1	7.3	12	12.95	6.8
Q933286		5.85	0.100	6.25	6.47	155.0	440	1.39	0.65	2.81	26.9	42.9	6.7	8	17.50	26.8
Q933287		4.91	0.083	2.70	7.27	182.5	990	1.38	0.46	2.01	1.01	50.5	6.7	12	21.8	12.9
Q933288		6.82	0.102	24.4	7.31	949	2490	1.55	0.40	2.32	9.92	47.1	7.1	10	19.05	34.1
Q933289		5.50	<0.005	0.07	0.09	2.0	30	0.07	0.02	20.7	0.07	1.30	0.7	1	0.21	2.1
Q933290		3.62	0.015	1.56	7.28	122.0	3470	1.47	0.18	2.42	3.18	41.3	6.8	10	23.3	11.8
Q933291		8.60	<0.005	0.11	7.53	6.6	2250	1.51	0.14	2.59	0.13	50.2	6.9	11	16.20	8.3
Q933292		0.30	0.875	11.65	6.80	1585	180	1.34	12.25	1.89	32.9	45.7	18.1	17	13.50	296
Q933293		5.02	0.021	1.33	7.35	106.5	1270	1.60	0.16	2.01	1.58	43.5	7.2	10	24.7	9.9
Q933294		6.19	0.009	0.89	7.46	61.3	1300	1.59	0.29	2.02	1.61	46.3	7.8	10	22.8	19.2
Q933295		1.27	0.253	37.8	7.27	521	330	1.59	19.60	1.99	93.1	44.3	6.9	9	18.55	181.0
Q933296		6.00	<0.005	0.76	7.63	15.5	2300	1.58	0.31	2.59	1.68	50.2	7.0	12	17.40	13.5
Q933297		6.01	<0.005	0.18	7.37	15.1	1920	1.58	0.19	2.43	0.25	44.4	6.8	16	16.55	7.8
Q933298		1.12	0.835	>100	3.75	5590	90	1.03	31.0	2.21	362	21.2	4.7	7	10.45	356
Q933299		5.52	<0.005	0.41	0.06	7.7	40	0.06	0.07	20.5	0.70	1.10	0.6	1	0.14	2.5
Q933300		3.43	0.005	0.62	7.54	41.8	2160	1.58	0.25	2.48	1.56	48.7	5.5	12	12.35	7.4
Q933301		2.19	0.490	5.97	6.53	2800	250	1.35	1.85	2.18	13.45	41.7	8.9	14	11.05	24.6
Q933302		3.53	0.016	0.58	7.21	46.0	2510	1.56	0.90	3.08	0.77	50.1	6.0	15	17.95	6.9
Q933303		1.46	0.283	2.73	6.98	592	360	1.50	0.78	1.41	7.19	40.6	11.6	11	12.20	8.6
Q933304		2.94	0.396	4.12	7.82	1005	1980	1.61	0.43	1.24	16.05	52.0	8.4	10	31.2	19.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121946

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933269		3.19	15.55	0.07	1.2	0.343	2.94	22.2	13.4	0.70	981	2.27	1.56	7.8	2.8	560
Q933270		2.99	16.35	0.08	1.2	0.039	2.78	26.7	10.0	0.75	680	1.46	2.14	8.0	2.5	550
Q933271		3.01	16.40	0.07	1.2	0.038	2.81	23.6	10.1	0.78	687	1.78	2.17	8.2	2.2	570
Q933272		4.69	14.75	0.05	1.3	0.200	2.99	19.5	51.1	0.53	1070	3.39	0.41	6.1	3.0	490
Q933273		2.83	15.00	0.05	1.2	0.026	2.77	18.8	100.5	0.60	427	2.21	1.06	7.0	2.0	560
Q933274		3.08	16.05	0.05	1.0	0.045	2.65	20.5	99.9	0.36	1270	1.66	0.42	7.9	2.2	530
Q933275		4.83	15.30	0.06	1.1	0.295	2.89	26.1	25.7	0.72	1830	13.55	0.14	6.2	14.1	490
Q933276		2.86	16.45	0.06	1.1	0.041	2.64	24.3	15.2	0.68	519	1.86	2.29	8.0	2.1	560
Q933277		2.95	16.10	0.06	1.1	0.051	2.86	21.2	66.4	0.47	1720	1.62	0.89	8.1	2.3	540
Q933278		2.94	16.75	0.06	1.1	0.040	2.84	26.9	30.0	0.70	606	1.72	2.15	8.4	2.0	560
Q933279		2.64	15.90	<0.05	1.1	0.045	2.28	18.1	375	0.34	906	1.66	0.27	8.7	1.9	570
Q933280		2.97	17.30	0.06	1.2	0.055	2.57	27.0	336	0.42	838	1.87	0.40	9.5	2.4	610
Q933281		2.77	16.10	0.05	1.2	0.045	2.69	20.7	23.3	0.59	643	1.62	2.03	8.2	2.3	540
Q933282		2.92	17.00	<0.05	1.2	0.049	2.90	22.6	22.9	0.64	683	1.78	2.17	8.6	2.7	570
Q933283		2.94	16.10	0.06	1.2	0.041	2.85	22.1	12.9	0.61	815	1.61	2.05	7.9	2.6	530
Q933284		2.99	16.85	0.07	1.3	0.043	3.23	23.4	32.6	0.54	1230	1.97	1.43	8.4	2.4	570
Q933285		3.08	17.25	0.06	1.3	0.043	2.87	24.8	13.8	0.73	601	2.16	2.35	8.7	2.6	590
Q933286		3.83	14.50	0.06	0.9	0.127	3.03	22.7	17.6	0.84	2150	2.29	0.37	6.7	2.1	450
Q933287		3.91	16.35	0.06	1.1	0.109	3.41	25.7	26.4	0.66	1470	2.12	0.05	8.0	2.1	560
Q933288		3.50	16.05	0.07	1.1	0.093	3.61	24.3	27.0	0.75	2110	1.64	0.43	7.4	2.2	540
Q933289		0.49	0.24	0.06	<0.1	<0.005	0.04	0.6	1.0	13.00	213	0.19	0.01	0.2	1.6	180
Q933290		3.01	16.40	0.09	1.1	0.054	3.52	19.7	32.2	0.52	1380	1.90	0.42	8.0	2.5	580
Q933291		3.01	16.70	0.07	1.1	0.044	2.91	25.1	10.3	0.69	641	1.68	2.13	8.1	2.5	570
Q933292		6.70	15.35	0.06	1.0	0.781	2.95	23.7	18.4	0.76	1800	9.05	0.13	6.3	11.9	510
Q933293		2.84	16.70	0.06	1.1	0.042	3.37	20.8	32.4	0.60	1460	2.58	0.36	7.8	2.4	550
Q933294		3.09	16.60	0.05	1.1	0.068	3.20	22.8	42.4	0.53	1390	1.65	0.23	8.2	2.8	570
Q933295		4.25	15.40	0.05	1.1	3.67	3.44	23.2	8.0	0.61	2080	1.73	0.31	7.1	2.7	510
Q933296		3.38	16.70	0.07	1.1	0.089	3.53	25.2	8.3	0.70	1300	1.54	1.39	8.1	2.5	570
Q933297		2.85	16.55	0.07	1.1	0.050	2.95	21.4	36.7	0.72	749	1.77	1.51	8.5	2.4	560
Q933298		4.19	8.25	<0.05	0.5	0.288	1.62	10.7	27.4	0.62	1880	0.97	0.02	3.4	2.0	250
Q933299		0.48	0.16	0.06	<0.1	<0.005	0.02	0.5	0.9	12.90	200	0.18	0.01	0.1	1.5	180
Q933300		3.13	16.55	0.07	1.1	0.084	3.10	23.9	8.7	0.72	1020	1.03	1.91	8.3	2.4	570
Q933301		4.43	14.35	0.05	0.9	0.278	3.14	22.2	14.9	0.60	3230	1.67	0.18	6.9	2.7	490
Q933302		3.47	16.75	0.07	1.2	0.107	3.61	24.1	23.8	0.54	1790	1.97	0.71	8.3	2.7	600
Q933303		4.97	15.90	0.05	0.9	0.182	3.38	21.4	12.7	0.54	2690	1.80	0.15	7.0	2.2	480
Q933304		3.62	16.35	0.05	1.1	0.092	3.17	27.7	221	0.58	1450	2.01	0.07	7.7	2.4	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121946

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933269		78.2	123.5	<0.002	0.31	3.47	11.1	1	1.9	304	0.62	0.05	13.2	0.244	1.59	4.3
Q933270		21.6	112.0	<0.002	0.07	1.47	10.6	1	1.9	373	0.62	<0.05	14.7	0.239	1.24	4.3
Q933271		20.9	107.5	<0.002	0.08	1.37	10.4	1	1.9	380	0.65	<0.05	13.4	0.250	1.25	4.2
Q933272		616	148.5	<0.002	3.63	19.10	8.9	1	3.9	161.0	0.49	0.88	10.7	0.198	2.15	3.9
Q933273		16.3	114.5	<0.002	1.50	5.77	9.7	1	1.4	271	0.57	0.25	12.2	0.208	1.44	4.1
Q933274		111.0	117.0	<0.002	0.08	34.2	10.0	1	1.7	122.0	0.60	<0.05	12.2	0.231	1.46	2.8
Q933275		470	154.5	0.003	2.50	27.8	9.1	1	5.7	107.5	0.50	0.32	11.2	0.193	2.44	4.9
Q933276		19.4	108.5	<0.002	0.02	1.94	10.4	1	1.6	367	0.62	0.05	13.1	0.239	1.10	3.9
Q933277		130.5	125.5	<0.002	0.09	21.4	10.1	1	1.7	164.5	0.64	0.10	13.1	0.228	1.61	3.1
Q933278		17.8	120.0	<0.002	0.02	4.39	11.1	1	1.6	338	0.66	0.06	14.4	0.249	1.21	3.3
Q933279		18.9	93.2	<0.002	0.11	32.1	9.5	1	1.8	207	0.63	0.13	10.4	0.231	1.18	2.6
Q933280		15.4	120.0	<0.002	0.23	34.3	12.1	1	1.8	169.0	0.69	<0.05	14.7	0.253	1.48	4.1
Q933281		18.2	110.0	<0.002	0.06	3.40	10.0	1	1.6	319	0.65	0.15	12.8	0.230	1.31	3.2
Q933282		17.6	118.0	<0.002	0.07	3.50	10.8	1	1.6	343	0.67	0.12	14.4	0.247	1.41	3.6
Q933283		301	119.5	<0.002	0.17	17.65	9.8	1	1.6	327	0.66	0.36	14.2	0.241	1.46	4.3
Q933284		145.0	139.5	<0.002	0.13	7.88	11.0	1	1.7	248	0.71	0.12	14.6	0.245	1.99	4.0
Q933285		17.4	113.5	<0.002	0.02	2.07	11.3	1	1.6	383	0.68	0.06	15.3	0.258	1.25	3.5
Q933286		597	168.0	<0.002	1.89	15.25	8.8	<1	1.5	149.5	0.52	0.22	12.1	0.194	2.81	4.1
Q933287		119.0	175.5	<0.002	2.18	13.60	10.6	<1	1.9	84.8	0.63	0.06	13.8	0.241	3.46	3.9
Q933288		4130	184.0	<0.002	0.58	34.4	10.1	1	2.0	136.0	0.58	<0.05	14.6	0.227	2.83	4.5
Q933289		8.9	1.7	<0.002	<0.01	0.13	0.2	1	<0.2	49.1	<0.05	<0.05	0.2	<0.005	0.02	1.2
Q933290		98.1	142.5	<0.002	0.21	13.80	10.2	1	1.7	136.0	0.61	<0.05	11.8	0.249	2.62	3.8
Q933291		17.1	114.0	<0.002	0.02	2.62	10.7	1	1.6	346	0.62	<0.05	14.3	0.253	1.32	3.4
Q933292		1330	165.0	0.002	4.56	64.0	9.4	1	8.0	95.6	0.52	1.26	11.6	0.199	2.60	5.4
Q933293		30.9	142.5	<0.002	0.39	14.70	10.2	1	1.6	105.5	0.62	<0.05	14.0	0.236	2.84	4.7
Q933294		72.9	141.5	<0.002	0.19	19.20	10.8	1	1.8	102.5	0.65	<0.05	13.9	0.254	2.43	5.0
Q933295		9690	170.5	<0.002	2.73	36.3	9.6	1	2.2	103.5	0.54	0.13	12.3	0.223	3.00	4.3
Q933296		229	159.5	<0.002	0.11	6.31	10.8	1	1.7	280	0.64	<0.05	14.2	0.252	2.34	4.7
Q933297		27.3	122.5	<0.002	0.08	7.96	10.6	1	1.6	271	0.67	<0.05	12.6	0.247	1.73	4.8
Q933298		>10000	96.3	<0.002	4.07	241	4.9	1	2.3	48.9	0.27	0.28	6.2	0.111	1.80	3.7
Q933299		91.9	1.0	<0.002	0.01	0.61	0.2	1	<0.2	47.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q933300		113.5	123.5	<0.002	0.13	4.53	10.7	1	1.7	301	0.63	<0.05	14.0	0.254	1.52	4.4
Q933301		987	174.0	<0.002	2.90	26.2	9.0	1	3.5	80.3	0.55	0.21	11.7	0.206	2.71	6.1
Q933302		45.8	160.5	<0.002	0.28	8.13	11.1	1	2.0	201	0.66	0.05	14.1	0.244	2.77	5.1
Q933303		405	188.5	<0.002	3.21	10.50	9.7	1	3.5	64.8	0.55	0.32	12.5	0.210	2.91	5.1
Q933304		835	153.5	<0.002	0.54	118.0	10.4	1	2.3	106.0	0.58	<0.05	14.6	0.248	2.30	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121946

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	1	0.001	0.001
Q933269		71	1.8	16.0	552	31.2			
Q933270		68	1.3	17.0	58	34.9			
Q933271		70	0.9	16.6	53	34.7			
Q933272		61	3.5	11.8	1480	38.7			
Q933273		64	1.7	13.5	39	33.0			
Q933274		67	3.7	14.7	257	28.2			
Q933275		64	5.5	11.8	843	31.0			
Q933276		67	2.8	16.6	46	28.9			
Q933277		65	4.3	15.1	124	29.4			
Q933278		69	3.1	17.6	47	30.8			
Q933279		63	7.1	12.7	101	30.1			
Q933280		75	16.3	16.8	47	32.0			
Q933281		64	2.9	15.4	44	31.4			
Q933282		69	2.8	16.3	47	31.1			
Q933283		65	2.7	15.0	590	29.1			
Q933284		69	4.1	16.7	592	31.2			
Q933285		71	2.8	17.4	49	33.0			
Q933286		56	4.6	11.4	1530	21.7			
Q933287		67	6.2	13.0	130	26.9			
Q933288		66	4.1	14.6	821	29.4			
Q933289		2	0.1	0.9	18	<0.5			
Q933290		72	4.2	13.6	348	26.9			
Q933291		70	3.0	16.5	49	28.9			
Q933292		65	6.0	11.5	2370	27.0			
Q933293		67	4.3	14.8	167	28.0			
Q933294		72	4.9	15.0	195	29.3			
Q933295		63	4.2	13.2	9180	27.9			
Q933296		69	2.9	16.3	199	29.3			
Q933297		69	2.4	15.7	63	29.9			
Q933298		36	2.5	7.4	>10000	10.7	234	4.61	2.52
Q933299		2	0.1	0.7	73	<0.5			
Q933300		70	2.5	15.8	169	29.9			
Q933301		57	5.4	11.7	1030	23.5			
Q933302		73	4.5	17.1	112	30.7			
Q933303		61	3.7	10.4	557	23.8			
Q933304		70	6.0	15.3	1190	28.3			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121946

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
Pb-OG62	Zn-OG62		

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121947

Project: KLAZA

P.O. No.: BATCH 151

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121947

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935661		2.15	0.173	23.9	7.01	593	380	1.31	5.44	0.97	49.1	59.3	6.9	8	9.51	1130
Q935662		5.61	0.013	1.12	6.95	89.5	1550	1.41	0.82	2.18	11.55	50.1	9.8	8	16.45	106.5
Q935663		7.66	0.041	2.71	7.22	144.5	1620	1.46	2.77	2.73	6.87	53.0	6.1	9	11.70	250
Q935664		1.73	0.531	21.9	7.20	1385	710	1.46	8.19	0.78	27.5	58.4	6.5	12	18.90	464
Q935665		2.37	0.009	2.58	7.85	394	1100	1.42	0.64	1.41	12.00	53.7	5.0	9	15.05	53.7
Q935666		1.87	0.014	2.97	7.65	647	1610	1.46	1.38	1.03	18.95	55.3	7.3	11	15.35	192.0
Q935667		4.63	0.006	0.29	7.75	25.9	2180	1.52	0.12	2.15	2.15	57.5	7.3	15	12.85	18.1
Q935668		4.07	0.005	0.33	7.71	17.5	2330	1.49	0.17	2.66	1.32	47.5	7.0	12	11.60	17.6
Q935669		0.29	0.383	4.76	7.08	777	370	1.45	3.39	2.16	11.40	52.6	12.8	25	14.05	340
Q935670		2.56	0.055	2.95	7.62	495	1960	1.54	1.66	1.69	8.62	55.2	6.7	10	16.70	65.6
Q935671		1.03	0.074	9.57	6.73	324	100	1.34	13.45	0.69	2.02	45.9	6.0	9	8.07	87.8
Q935672		1.94	0.035	1.98	7.24	451	1300	1.61	1.96	1.72	3.31	56.9	7.0	9	16.85	51.0
Q935673		1.98	0.407	27.2	7.05	3550	480	1.40	9.40	2.54	21.9	64.0	6.3	9	14.95	921
Q935674		3.88	0.006	0.31	7.07	25.8	2140	1.55	0.30	2.36	0.40	47.4	7.1	12	11.30	17.9
Q935675		6.72	0.005	0.21	7.33	93.7	2340	1.55	0.14	2.22	0.42	52.4	8.4	15	10.90	11.7
Q935676		4.87	<0.005	0.25	7.45	54.9	2250	1.65	0.14	2.87	0.39	48.5	7.0	10	14.20	11.7
Q935677		1.78	<0.005	0.18	7.11	17.2	2150	1.61	0.11	2.83	0.26	39.5	7.0	11	14.25	11.8
Q935678		3.61	0.005	0.18	7.18	35.8	2360	1.48	0.12	2.78	0.34	44.1	6.8	9	22.4	13.4
Q935679		4.46	0.011	0.40	7.23	52.4	2370	1.75	0.59	2.33	1.67	44.1	6.5	10	14.35	9.7
Q935680		5.95	<0.005	0.01	0.07	0.6	20	0.05	0.07	21.4	0.07	1.16	0.6	1	0.19	2.4
Q935681		4.23	<0.005	0.14	7.15	19.7	2220	1.58	0.23	2.68	0.39	46.0	6.0	12	10.50	6.7
Q935682		<0.02	<0.005	0.12	7.26	20.4	2240	1.64	0.12	2.70	0.37	48.9	6.3	14	11.05	6.7
Q935683		2.21	0.009	0.74	7.04	35.6	1690	1.56	1.03	2.17	1.50	59.8	6.1	8	13.45	97.7
Q935684		3.84	0.028	1.23	7.25	164.0	1430	1.62	1.24	2.59	7.33	51.8	6.7	8	20.5	35.2
Q935685		0.29	0.884	11.85	6.57	1635	460	1.30	12.45	1.85	33.2	46.4	17.5	17	13.85	291
Q935686		2.40	0.024	1.51	7.19	86.8	1260	1.79	1.17	2.69	1.01	52.6	6.8	9	31.1	32.6
Q935687		1.99	0.389	23.1	6.71	678	370	1.58	7.76	2.25	13.00	47.9	6.3	7	13.85	305
Q935688		9.66	0.029	1.45	7.19	87.7	1980	1.55	2.04	2.30	1.74	50.7	7.5	8	15.80	55.9
Q935689		4.24	0.019	1.55	7.22	67.4	2360	1.61	1.89	2.29	2.19	54.2	9.8	8	15.60	98.7
Q935690		7.01	0.013	0.83	7.05	50.3	2120	1.57	0.96	2.72	0.53	50.3	5.1	9	19.50	72.1
Q935691		3.04	0.012	0.92	6.66	45.9	1440	1.61	1.01	2.52	0.72	50.2	4.9	10	18.90	140.0
Q935692		3.57	<0.005	0.24	8.05	24.4	1770	1.34	0.27	1.29	0.28	54.3	5.1	10	15.10	20.7
Q935693		3.25	0.042	17.05	7.14	663	820	1.66	0.80	2.10	6.08	52.5	7.0	8	22.5	54.2
Q935694		3.92	<0.005	0.04	0.07	1.4	20	0.07	0.08	21.7	0.08	1.25	0.6	1	0.18	2.2
Q935695		2.44	0.056	19.75	6.92	812	1170	1.72	2.05	2.41	3.09	49.6	8.7	10	14.25	102.0
Q935696		1.01	0.007	0.86	7.72	48.4	1140	2.24	0.40	2.32	0.83	64.0	8.3	18	22.7	14.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121947

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935661		5.39	16.20	0.12	1.3	1.110	3.32	31.3	6.6	0.46	3750	3.46	0.04	6.9	2.6	560
Q935662		3.48	15.50	0.11	1.1	0.098	3.09	25.1	17.6	0.69	2920	1.70	0.09	7.5	3.3	590
Q935663		4.10	15.05	0.11	1.1	0.410	3.41	28.3	7.1	0.95	2900	1.43	0.04	7.0	2.3	600
Q935664		4.28	16.20	0.12	1.4	0.484	3.25	30.8	13.8	0.33	1960	2.32	0.05	6.9	3.6	620
Q935665		3.36	16.50	0.11	1.2	0.172	2.94	26.7	34.9	0.46	1660	1.76	0.07	8.0	2.3	640
Q935666		3.74	16.40	0.10	1.2	0.293	3.49	29.3	24.3	0.32	1980	3.60	0.07	7.5	2.6	590
Q935667		3.11	16.50	0.13	1.4	0.047	3.11	29.5	14.5	0.59	823	2.08	1.62	8.4	2.9	630
Q935668		3.44	16.55	0.12	1.2	0.062	3.06	22.3	12.5	0.77	1060	1.79	2.10	8.4	2.9	660
Q935669		5.49	16.10	0.11	1.3	0.323	3.10	28.5	27.7	0.81	1970	15.25	0.16	6.6	14.9	580
Q935670		3.83	16.90	0.13	1.3	0.148	3.22	27.7	36.9	0.55	1540	1.70	0.35	8.8	2.5	660
Q935671		5.48	15.25	0.11	1.0	0.263	3.05	22.4	9.2	0.38	589	1.93	0.07	8.3	3.3	560
Q935672		4.28	16.25	0.11	1.1	0.218	3.14	31.4	8.6	0.82	1930	1.97	0.05	8.4	3.0	590
Q935673		5.29	16.55	0.14	1.1	1.570	2.96	33.7	11.2	0.94	1920	1.97	0.15	7.9	2.4	500
Q935674		3.06	15.60	0.11	1.2	0.052	2.65	24.4	14.7	0.61	761	2.00	1.90	8.8	3.0	590
Q935675		3.24	16.45	0.14	1.1	0.051	2.65	27.7	15.1	0.69	587	2.16	1.94	8.6	3.2	610
Q935676		3.22	16.45	0.13	1.1	0.057	2.64	25.7	15.7	0.69	726	2.56	2.07	8.8	2.7	650
Q935677		3.10	16.35	0.11	1.1	0.046	2.57	19.8	17.4	0.64	674	2.57	2.09	8.9	3.0	640
Q935678		3.02	16.05	0.12	1.3	0.048	2.70	21.7	47.3	0.71	852	2.15	0.80	9.2	2.8	650
Q935679		3.05	15.85	0.12	1.4	0.064	2.97	22.4	15.3	0.65	877	2.03	1.53	8.8	2.5	580
Q935680		0.48	0.20	0.10	<0.1	0.006	0.03	0.6	1.0	12.60	206	0.18	0.01	0.2	1.5	180
Q935681		2.94	15.45	0.14	1.2	0.049	2.80	23.2	9.1	0.65	696	1.85	2.20	8.4	2.7	580
Q935682		3.01	16.35	0.12	1.4	0.051	2.87	24.6	9.3	0.67	733	2.10	2.21	9.0	2.8	610
Q935683		3.48	15.90	0.14	1.3	0.146	2.49	32.7	16.5	0.77	1290	10.70	0.81	8.1	3.4	580
Q935684		3.57	16.05	0.12	1.4	0.189	2.83	27.7	18.2	0.91	2330	1.43	0.07	8.2	2.4	610
Q935685		6.73	15.30	0.10	1.1	0.808	2.86	24.6	19.0	0.75	1790	8.61	0.13	6.7	11.6	540
Q935686		3.64	16.45	0.12	1.8	0.341	2.69	27.8	37.6	1.00	1720	1.14	0.06	9.1	3.3	720
Q935687		5.76	14.40	0.11	0.9	1.405	3.07	26.3	9.8	1.01	5320	0.90	0.04	6.7	2.7	560
Q935688		3.67	16.15	0.10	1.2	0.263	2.80	26.2	23.9	0.88	1820	1.04	0.05	8.1	2.8	620
Q935689		3.47	15.70	0.11	1.2	0.288	3.13	29.5	13.1	0.90	1710	1.82	0.05	6.4	2.5	580
Q935690		2.94	15.30	0.12	1.4	0.092	2.84	26.7	11.7	0.96	1300	2.15	0.05	8.2	2.9	580
Q935691		2.84	14.95	0.11	1.4	0.094	2.63	26.3	23.2	0.87	1450	1.45	0.05	8.6	2.4	570
Q935692		3.02	16.80	0.11	1.4	0.059	2.86	28.9	46.8	0.57	863	1.60	0.08	9.5	2.5	660
Q935693		4.01	16.25	0.11	1.3	0.447	3.07	27.8	13.7	0.88	3040	1.56	0.04	8.7	2.6	600
Q935694		0.50	0.21	0.10	<0.1	0.005	0.03	0.6	1.0	12.80	213	0.20	<0.01	0.2	1.4	210
Q935695		4.38	14.30	0.12	1.2	0.431	3.24	27.2	8.4	1.01	3240	2.30	0.04	5.2	2.8	590
Q935696		3.41	20.3	0.13	3.5	0.077	3.49	32.5	11.5	1.02	1900	2.38	0.04	12.4	7.5	1160

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121947

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935661		1225	215	<0.002	2.95	257	9.8	1	5.8	20.4	0.61	0.33	12.7	0.213	3.37	3.9
Q935662		82.9	155.0	0.002	0.78	18.65	10.1	<1	2.4	73.7	0.61	0.10	12.6	0.251	2.48	4.7
Q935663		149.0	231	<0.002	1.40	25.0	10.0	1	2.2	64.2	0.59	0.16	12.2	0.227	3.48	3.5
Q935664		554	191.5	<0.002	1.91	50.7	9.5	<1	3.6	51.6	0.56	3.34	16.7	0.240	2.68	3.6
Q935665		394	133.5	<0.002	0.35	13.65	10.2	1	2.4	85.9	0.66	<0.05	16.9	0.263	1.79	2.5
Q935666		259	192.5	<0.002	0.23	21.0	10.0	1	2.5	63.1	0.56	0.07	19.4	0.233	2.41	2.9
Q935667		35.4	133.0	<0.002	0.05	4.63	10.3	1	1.8	270	0.72	<0.05	17.9	0.253	1.54	2.8
Q935668		94.0	116.0	<0.002	0.09	2.40	10.3	1	1.7	357	0.69	<0.05	12.8	0.275	1.44	2.9
Q935669		502	172.0	0.003	2.87	30.7	9.6	1	6.0	113.5	0.53	0.33	12.5	0.219	2.53	5.6
Q935670		571	168.0	<0.002	1.04	9.20	11.1	1	3.2	131.0	0.81	0.05	13.2	0.250	2.30	4.2
Q935671		485	161.0	<0.002	4.56	11.40	10.1	2	4.4	31.7	0.67	1.71	11.5	0.224	2.88	2.9
Q935672		138.0	189.0	<0.002	1.38	8.98	10.4	1	2.7	71.2	0.71	0.10	15.1	0.239	2.61	4.6
Q935673		1135	159.5	<0.002	3.20	51.8	11.3	2	4.8	89.5	0.68	2.55	14.9	0.231	2.57	6.2
Q935674		35.9	115.0	<0.002	0.07	2.26	11.1	1	1.9	309	0.77	<0.05	14.1	0.250	1.21	3.6
Q935675		25.2	123.0	<0.002	0.03	3.21	11.7	1	1.8	302	0.73	<0.05	15.3	0.247	1.33	3.4
Q935676		33.5	119.5	0.002	0.04	2.63	11.7	1	1.9	352	0.74	<0.05	14.9	0.268	1.26	3.2
Q935677		26.2	98.4	<0.002	0.02	2.34	10.7	1	2.2	358	0.73	<0.05	12.3	0.265	1.13	2.9
Q935678		20.5	100.5	<0.002	0.09	4.16	10.6	1	1.8	164.5	0.87	<0.05	13.8	0.263	1.35	4.8
Q935679		62.4	129.5	<0.002	0.21	5.18	9.7	1	1.7	251	0.87	0.10	14.2	0.240	1.43	4.6
Q935680		1.8	1.3	<0.002	<0.01	0.07	0.2	<1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q935681		26.0	106.5	<0.002	0.03	2.89	9.8	1	1.7	358	0.73	<0.05	14.0	0.245	1.19	3.6
Q935682		26.7	111.5	0.002	0.03	3.11	10.7	1	1.8	359	0.78	<0.05	14.2	0.258	1.19	4.4
Q935683		91.4	113.5	0.003	0.12	13.90	9.9	1	3.1	128.0	0.77	0.26	15.4	0.225	1.60	4.6
Q935684		172.5	177.0	<0.002	1.01	11.50	10.7	1	2.7	94.1	0.70	0.05	13.5	0.242	2.57	3.8
Q935685		1295	171.0	<0.002	4.71	64.1	9.4	2	8.3	96.6	0.54	1.09	11.5	0.211	2.53	5.5
Q935686		166.0	132.5	<0.002	0.91	13.15	9.8	1	2.4	127.5	0.74	0.10	11.9	0.258	2.38	6.6
Q935687		5480	197.0	<0.002	2.62	70.4	10.3	1	3.8	65.0	0.51	0.19	10.2	0.218	3.01	2.5
Q935688		127.0	136.5	<0.002	0.87	12.85	11.1	1	2.5	116.0	0.66	0.09	13.8	0.241	2.43	3.6
Q935689		76.7	167.0	<0.002	0.88	16.00	10.0	1	2.3	90.5	0.57	0.11	14.9	0.182	2.63	4.2
Q935690		49.0	122.0	<0.002	0.41	11.30	10.1	1	2.2	104.0	0.74	<0.05	14.6	0.234	2.27	6.6
Q935691		50.8	119.0	<0.002	0.42	15.10	9.6	1	1.9	122.0	0.83	0.05	13.5	0.229	2.32	4.5
Q935692		21.0	129.5	<0.002	0.14	15.15	11.7	1	2.0	88.3	0.86	0.05	17.1	0.271	1.61	3.4
Q935693		175.0	156.0	<0.002	0.54	24.9	10.8	1	3.2	59.9	0.78	0.06	15.0	0.243	2.94	4.5
Q935694		3.1	1.4	<0.002	<0.01	0.14	0.2	1	<0.2	51.7	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q935695		191.0	195.5	<0.002	1.11	40.8	9.0	1	2.5	58.7	0.45	0.08	13.0	0.165	3.27	4.7
Q935696		32.3	162.0	0.002	0.51	30.1	8.0	1	1.7	161.5	0.81	<0.05	9.6	0.333	3.45	9.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121947

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935661		60	3.7	10.5	2700	30.0
Q935662		66	2.1	16.2	3080	25.8
Q935663		63	2.5	15.3	760	26.6
Q935664		65	4.1	12.3	2040	38.7
Q935665		69	8.8	14.5	1180	27.4
Q935666		62	3.9	14.5	1710	28.4
Q935667		68	2.4	16.7	280	31.0
Q935668		72	1.8	16.2	205	26.6
Q935669		68	5.9	12.6	907	33.0
Q935670		71	4.6	15.7	1080	28.5
Q935671		63	6.8	10.4	276	24.3
Q935672		61	5.2	15.7	435	25.7
Q935673		66	8.1	16.7	1700	24.7
Q935674		68	2.1	17.5	133	26.9
Q935675		68	2.1	18.2	187	26.5
Q935676		71	3.0	18.4	98	25.8
Q935677		70	2.9	15.9	71	25.8
Q935678		71	3.9	17.0	99	29.5
Q935679		63	3.1	16.5	206	30.6
Q935680		1	0.1	0.8	16	<0.5
Q935681		65	2.5	15.8	106	28.2
Q935682		67	2.3	17.1	107	31.5
Q935683		64	2.9	17.0	292	30.9
Q935684		64	2.5	16.6	588	34.1
Q935685		61	5.9	11.8	2400	30.3
Q935686		67	2.9	14.8	136	53.1
Q935687		60	2.9	11.0	1060	20.8
Q935688		68	2.8	15.2	201	28.3
Q935689		62	2.5	13.5	276	27.3
Q935690		62	2.2	14.8	84	31.6
Q935691		61	2.5	15.3	116	31.8
Q935692		70	3.7	16.7	75	35.7
Q935693		66	3.7	13.8	535	31.2
Q935694		1	0.1	0.9	18	<0.5
Q935695		56	2.4	12.3	321	31.9
Q935696		68	2.7	17.4	135	133.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121947

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121948

Project: KLAZA

P.O. No.: BATCH 153

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121948

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935697		1.27	0.011	1.18	7.45	52.6	1080	2.26	0.68	1.95	1.65	62.1	9.0	16	22.9	27.4
Q935698		3.76	<0.005	0.02	0.06	0.5	20	<0.05	0.03	19.70	0.07	1.42	0.5	<1	0.15	2.1
Q935699		5.63	0.011	0.42	7.10	27.1	2470	1.41	0.50	2.03	0.24	46.6	4.6	7	19.75	34.1
Q935700		0.80	0.552	56.1	5.72	341	350	1.32	115.5	2.87	7.12	31.6	23.1	4	6.70	187.0
Q935701		5.18	0.015	0.93	6.60	43.2	2010	1.41	1.60	2.47	0.19	42.8	5.1	11	14.85	87.6
Q935702		3.60	<0.005	0.09	6.38	24.0	1480	1.57	0.23	3.78	0.44	36.7	8.7	61	15.65	4.4
Q935703		0.90	0.025	1.05	6.74	38.4	1440	1.44	2.23	2.99	1.64	49.4	11.1	7	12.45	18.7
Q935704		4.23	0.030	1.30	6.99	28.8	2270	1.59	2.49	2.50	0.68	46.1	7.4	9	11.10	25.2
Q935705		4.97	0.008	0.27	6.90	22.7	2800	1.66	0.52	2.63	0.10	43.8	18.6	10	13.85	8.6
Q935706		6.27	0.008	0.52	7.33	44.0	1860	1.46	0.81	1.60	0.98	67.2	6.8	8	12.70	58.3
Q935707		4.96	0.007	0.23	7.37	34.2	1870	1.63	0.26	1.93	1.22	39.6	8.1	14	14.50	43.0
Q935708		0.30	0.362	4.49	6.68	707	1100	1.39	3.33	2.01	10.85	50.4	12.2	24	13.50	311
Q935709		1.20	0.028	1.89	5.82	138.0	1610	1.49	1.22	5.33	21.5	49.6	12.3	6	18.35	29.1
Q935710		4.23	0.026	0.40	7.05	45.1	1740	1.50	0.47	2.41	1.38	44.1	11.3	11	12.05	16.4
Q935711		3.69	0.032	0.47	7.28	43.6	2220	1.71	0.28	2.71	1.18	46.7	8.0	11	10.20	30.0
Q935712		0.96	1.395	4.38	7.31	1845	1140	1.46	3.90	2.12	21.8	49.2	6.2	7	17.10	39.4
Q935713		4.86	<0.005	0.06	0.07	<0.2	30	0.05	0.03	20.2	0.10	1.24	0.7	<1	0.15	3.5
Q935714		0.77	0.007	0.66	7.08	40.1	2230	1.56	0.22	3.09	0.25	45.0	9.0	8	22.8	67.9
Q935715		3.76	0.005	0.41	7.76	33.6	2300	1.57	0.14	2.34	1.00	45.2	7.0	10	18.55	22.9
Q935716		3.54	<0.005	0.19	7.42	17.9	2450	1.26	0.12	2.03	0.74	41.2	7.2	9	15.40	10.0
Q935717		1.93	0.005	0.47	7.47	25.7	3100	1.17	1.27	1.52	4.03	43.6	8.0	9	14.45	23.2
Q935718		2.54	0.019	0.40	7.80	159.0	2230	1.40	0.25	1.50	8.75	44.5	7.3	9	14.50	10.7
Q935719		3.81	0.093	4.21	7.32	613	1600	1.60	0.72	2.46	34.1	49.3	12.0	7	20.0	38.0
Q935720		3.63	<0.005	0.32	8.23	33.6	1510	1.26	0.14	1.28	0.46	48.3	6.0	9	11.85	9.1
Q935721		1.76	<0.005	0.24	8.02	23.7	1630	1.38	0.17	1.25	0.47	47.9	6.6	8	11.80	8.8
Q935722		1.75	0.193	8.80	7.33	296	1010	1.41	11.05	1.56	10.05	52.2	9.0	8	16.70	129.0
Q935723		2.09	0.111	4.63	8.21	458	490	1.77	4.39	0.84	74.1	102.5	15.8	75	26.8	83.9
Q935724		1.58	0.121	3.16	7.36	737	3030	1.59	2.46	4.00	7.07	70.6	20.7	7	16.60	95.6
Q935725		1.45	0.283	5.67	6.34	2620	3020	1.18	2.79	1.99	13.20	41.4	17.3	6	8.30	63.8
Q935726		0.30	0.887	11.30	6.64	1560	1170	1.36	12.20	1.90	31.9	47.4	17.0	18	13.10	286
Q935727		0.64	0.560	3.78	6.34	2250	660	1.29	3.51	1.49	57.0	37.6	6.9	6	14.25	47.8
Q935728		3.08	0.011	0.38	7.59	79.5	1720	1.43	0.76	1.87	0.49	41.6	5.4	8	15.35	28.2
Q935729		<0.02	0.015	0.36	7.76	76.7	1750	1.48	0.61	1.91	0.40	43.9	5.3	8	15.10	29.8
Q935730		1.16	0.033	1.32	7.71	77.1	2160	1.80	3.34	2.40	0.75	52.3	8.7	8	20.1	37.4
Q935731		6.76	0.005	0.23	7.79	38.4	2220	2.03	0.17	3.70	0.15	58.9	7.2	18	17.65	13.1
Q935732		0.59	0.159	7.15	6.08	357	1190	1.04	10.80	1.13	6.60	38.3	7.7	7	6.07	44.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121948

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935697		3.22	17.95	0.12	3.1	0.149	3.05	33.4	17.3	0.91	1890	1.86	0.04	11.0	6.6	1020
Q935698		0.43	0.17	0.10	<0.1	<0.005	0.02	0.7	0.8	11.60	181	0.25	0.01	0.1	1.3	170
Q935699		2.75	15.55	0.13	1.2	0.064	2.68	24.2	23.1	0.75	1280	2.82	0.08	8.0	2.2	600
Q935700		8.10	12.95	0.10	1.0	0.357	2.76	16.7	6.5	1.08	1660	1.85	0.04	5.8	2.3	450
Q935701		3.01	15.65	0.10	1.2	0.120	2.98	21.5	19.3	0.72	1550	2.01	0.88	8.1	3.1	610
Q935702		2.73	15.40	0.11	1.7	0.029	2.98	19.4	11.9	1.31	1730	1.82	0.07	6.7	19.8	630
Q935703		3.38	15.05	0.12	1.3	0.157	2.87	26.6	9.6	1.04	2170	2.32	0.67	7.7	3.8	620
Q935704		3.26	16.25	0.10	1.4	0.107	2.66	23.5	11.1	0.74	850	1.43	1.91	8.8	3.3	620
Q935705		3.23	16.40	0.10	1.4	0.074	2.71	21.2	17.5	0.84	904	12.85	2.05	8.9	3.1	630
Q935706		2.64	16.05	0.12	1.4	0.079	2.70	39.2	26.3	0.46	842	4.25	0.33	8.9	2.9	590
Q935707		3.06	16.30	0.12	1.2	0.061	2.79	19.1	18.9	0.67	646	1.58	1.09	9.2	3.4	620
Q935708		4.94	15.60	0.08	1.0	0.305	2.89	28.9	26.3	0.77	1830	14.50	0.15	6.5	14.4	520
Q935709		3.92	12.65	0.09	0.8	0.122	2.47	28.3	15.8	1.87	2140	4.56	0.04	5.9	2.9	430
Q935710		2.90	15.65	0.16	1.1	0.062	2.68	23.9	14.1	0.76	732	2.49	1.28	8.0	3.7	580
Q935711		3.12	16.85	0.19	1.0	0.054	2.82	24.2	9.9	0.77	753	2.18	1.83	8.4	3.4	640
Q935712		4.43	15.70	0.15	0.9	0.076	3.08	27.0	13.5	0.76	890	2.53	0.21	7.0	2.7	530
Q935713		0.45	0.20	0.06	<0.1	0.005	0.03	0.6	0.7	12.65	186	0.12	0.01	0.2	1.5	160
Q935714		3.27	15.10	0.13	1.0	0.066	2.63	23.2	14.6	1.06	1030	0.86	0.64	7.6	2.7	590
Q935715		3.36	17.20	0.18	1.1	0.051	2.80	22.5	22.2	0.67	596	0.93	1.18	8.6	3.0	670
Q935716		3.03	16.45	0.18	1.1	0.058	2.78	20.5	25.4	0.59	665	0.99	0.64	8.3	2.8	620
Q935717		3.07	16.10	0.20	0.9	0.076	2.69	22.6	24.4	0.57	1010	0.83	0.07	7.9	3.2	600
Q935718		3.00	16.30	0.22	1.1	0.074	3.15	23.5	24.4	0.54	1020	0.90	0.11	7.9	2.7	590
Q935719		3.46	15.80	0.18	0.9	0.160	3.04	27.5	21.7	0.94	1720	2.31	0.05	7.4	3.0	550
Q935720		2.97	16.00	0.22	1.0	0.064	2.49	25.7	36.7	0.53	1110	1.57	0.06	8.1	2.7	650
Q935721		3.05	16.75	0.20	1.0	0.064	2.54	25.2	38.8	0.52	1020	1.49	0.06	8.2	3.4	640
Q935722		4.88	16.05	0.16	0.9	0.225	2.76	29.3	33.5	0.62	1830	3.63	0.04	7.2	3.2	540
Q935723		6.29	18.95	0.12	4.2	0.538	1.59	55.1	36.0	0.61	2650	1.97	0.03	19.9	19.7	1860
Q935724		3.82	16.10	0.17	1.2	0.370	3.30	42.4	9.0	1.42	3960	1.96	0.04	7.1	4.5	570
Q935725		5.87	14.20	0.07	1.0	0.553	2.99	22.4	7.4	0.90	3460	3.67	0.02	6.4	3.6	500
Q935726		6.55	15.20	0.07	1.1	0.767	2.88	26.0	18.7	0.78	1800	8.77	0.12	6.5	11.2	540
Q935727		6.21	14.90	0.09	1.0	0.547	2.76	20.6	12.7	0.63	1260	3.01	0.03	6.5	3.0	460
Q935728		2.77	16.90	0.11	1.1	0.079	2.14	20.6	46.5	0.68	1200	2.13	0.04	8.3	2.4	650
Q935729		2.84	16.30	0.17	1.1	0.081	2.14	21.9	45.1	0.69	1220	1.54	0.04	8.1	2.2	640
Q935730		3.04	17.15	0.21	1.4	0.111	2.82	27.7	45.9	0.93	1390	12.85	0.09	8.9	3.5	700
Q935731		2.70	19.05	0.25	3.4	0.033	3.28	30.5	30.1	1.34	835	4.51	0.05	10.6	6.0	1100
Q935732		7.57	14.15	0.08	0.9	0.345	2.82	20.6	8.5	0.52	1430	2.41	0.04	6.1	2.8	470

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121948

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935697		70.0	158.0	0.003	0.53	35.3	7.8	<1	1.7	168.5	0.75	<0.05	10.5	0.308	3.02	7.9
Q935698		2.2	1.0	<0.002	<0.01	0.11	0.1	1	<0.2	45.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q935699		27.3	106.0	0.002	0.25	12.20	10.0	1	2.1	103.0	0.71	<0.05	13.6	0.240	1.82	3.9
Q935700		1120	168.0	0.003	6.84	13.50	7.8	2	6.6	98.6	0.53	2.07	10.7	0.171	2.29	5.0
Q935701		30.7	126.5	<0.002	0.43	12.05	10.5	1	2.1	186.0	0.68	0.08	12.1	0.245	2.11	5.3
Q935702		18.3	137.0	<0.002	0.17	11.70	8.6	1	0.8	168.5	0.58	<0.05	8.2	0.197	2.83	5.5
Q935703		111.5	163.5	0.002	0.91	6.04	10.4	1	2.1	146.5	0.63	0.17	12.5	0.228	2.74	4.8
Q935704		49.5	104.5	<0.002	0.44	2.82	11.2	1	1.9	333	0.76	0.14	12.4	0.259	1.33	4.4
Q935705		19.6	99.7	0.009	0.53	3.46	10.8	1	2.4	309	0.83	0.15	11.1	0.247	1.49	4.8
Q935706		48.3	112.5	<0.002	0.11	12.60	10.1	1	4.2	105.5	0.85	0.07	15.9	0.236	1.33	4.2
Q935707		42.0	101.0	<0.002	0.14	6.66	10.5	1	3.3	192.0	0.83	<0.05	11.5	0.260	1.36	3.2
Q935708		480	163.5	<0.002	2.68	29.3	9.5	1	5.9	110.5	0.51	0.31	11.0	0.206	2.47	5.0
Q935709		731	154.5	<0.002	1.10	13.90	7.8	1	3.7	145.0	0.51	0.09	9.9	0.181	2.16	4.5
Q935710		53.2	96.9	<0.002	0.43	6.85	9.4	1	2.5	215	0.70	0.06	10.9	0.249	1.50	3.9
Q935711		49.6	97.5	<0.002	0.22	5.43	10.6	1	2.1	351	0.67	<0.05	10.1	0.275	1.52	3.1
Q935712		495	131.0	<0.002	3.00	11.90	9.2	1	3.0	96.6	0.56	0.58	11.1	0.222	2.03	3.8
Q935713		2.4	1.1	<0.002	<0.01	0.11	0.2	<1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
Q935714		27.4	91.8	<0.002	0.45	13.25	9.3	1	1.6	170.5	0.64	<0.05	10.9	0.250	1.60	5.9
Q935715		48.7	112.0	<0.002	0.12	7.64	11.0	1	1.9	247	0.70	<0.05	11.6	0.280	1.30	3.1
Q935716		21.1	98.7	<0.002	0.11	7.50	10.0	1	1.7	170.0	0.70	<0.05	11.1	0.271	1.34	4.1
Q935717		20.6	105.0	<0.002	0.27	16.10	10.0	<1	1.7	87.3	0.62	0.19	11.4	0.256	1.42	3.2
Q935718		26.5	130.5	<0.002	0.43	14.35	10.0	1	1.7	103.0	0.67	0.06	13.1	0.250	1.82	3.7
Q935719		387	161.0	<0.002	1.46	28.7	9.9	1	4.9	108.5	0.64	0.12	12.2	0.232	2.52	5.4
Q935720		47.5	101.5	<0.002	0.22	14.00	10.1	1	2.1	67.7	0.65	<0.05	12.0	0.266	1.45	2.6
Q935721		17.3	106.0	<0.002	0.20	14.40	10.6	<1	2.0	70.3	0.68	<0.05	12.0	0.266	1.48	2.8
Q935722		334	138.0	<0.002	2.84	32.9	10.3	1	4.3	63.1	0.58	0.23	11.7	0.242	2.34	4.3
Q935723		359	109.5	<0.002	1.43	41.2	12.8	1	5.2	78.7	1.17	0.15	12.5	0.553	1.58	14.3
Q935724		143.5	224	<0.002	1.24	30.6	10.0	2	4.1	108.0	0.66	0.14	13.2	0.227	3.41	5.0
Q935725		945	213	<0.002	4.09	32.3	8.7	1	7.0	56.2	0.61	0.19	10.7	0.202	3.01	5.1
Q935726		1300	165.0	<0.002	4.68	63.3	9.3	2	8.0	97.6	0.54	1.04	10.7	0.213	2.58	5.1
Q935727		520	149.5	0.002	6.14	19.40	8.7	1	6.4	45.5	0.55	0.38	10.8	0.204	2.20	3.9
Q935728		30.4	86.4	<0.002	0.33	15.20	10.7	1	2.1	113.5	0.65	<0.05	11.5	0.265	1.69	3.6
Q935729		38.7	92.2	<0.002	0.34	15.25	10.7	1	2.1	111.5	0.67	0.05	12.1	0.269	1.63	3.5
Q935730		78.8	132.0	<0.002	1.14	13.35	10.4	1	3.7	119.0	0.77	0.19	12.9	0.270	2.60	6.4
Q935731		14.8	132.5	<0.002	0.17	9.12	6.9	1	1.6	194.5	0.71	<0.05	8.6	0.301	2.97	4.4
Q935732		337	138.0	<0.002	7.80	16.80	8.3	1	8.5	33.0	0.48	0.73	9.8	0.195	2.10	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121948

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935697		65	3.2	16.3	199	116.5
Q935698		1	0.1	0.7	16	<0.5
Q935699		65	3.9	15.0	72	30.0
Q935700		51	3.5	11.3	746	23.2
Q935701		65	3.0	14.0	94	29.0
Q935702		73	1.8	11.7	172	49.9
Q935703		67	2.0	13.5	210	34.6
Q935704		68	1.4	16.3	121	36.8
Q935705		69	1.9	15.8	59	35.3
Q935706		62	8.0	17.4	161	32.2
Q935707		70	2.5	14.5	195	29.5
Q935708		65	5.6	11.9	851	30.3
Q935709		54	2.3	18.0	1720	21.4
Q935710		69	2.6	13.5	196	25.6
Q935711		74	2.0	14.9	159	24.3
Q935712		63	3.0	13.2	1550	23.7
Q935713		2	0.1	0.8	18	0.5
Q935714		68	1.6	15.0	75	22.4
Q935715		78	2.4	15.6	133	27.3
Q935716		72	4.4	14.2	130	25.8
Q935717		70	3.1	13.8	311	23.0
Q935718		67	3.4	14.8	603	26.5
Q935719		66	3.0	13.6	1540	22.8
Q935720		68	7.9	13.3	127	24.5
Q935721		70	7.6	13.3	140	23.5
Q935722		67	3.9	13.2	996	22.2
Q935723		88	17.9	24.8	7440	178.0
Q935724		67	3.4	13.7	599	27.5
Q935725		58	4.8	8.8	1120	24.4
Q935726		63	6.2	11.2	2390	28.8
Q935727		57	5.4	9.1	3540	24.5
Q935728		71	4.1	13.2	87	27.7
Q935729		70	3.9	13.7	80	27.3
Q935730		73	5.0	14.2	87	38.9
Q935731		64	2.2	12.6	70	141.5
Q935732		57	9.6	6.6	632	22.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121948

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

CERTIFICATE WH14121949

Project: KLAZA

P.O. No.: BATCH 156

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

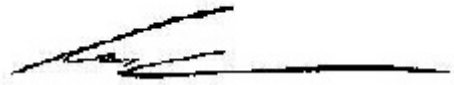
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121949

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q927897		1.08	1.920		>100	4.07	7930	420	0.79	9.59	2.62	526	23.0	18.1	7	3.00
Q927898		2.33	0.248		29.9	6.45	2500	200	1.37	2.70	0.59	24.2	47.3	7.5	8	5.74
Q927899		0.97	1.960		>100	4.49	>10000	410	0.82	15.90	2.08	182.5	31.6	12.3	7	2.92
Q927900		2.68	0.059		3.88	7.23	366	610	1.62	1.99	1.09	15.05	52.2	15.9	8	12.05
Q927901		6.88	0.768		16.15	2.71	1285	170	0.51	9.17	1.33	59.4	14.55	13.9	10	5.97
Q927902		1.94	2.30		>100	4.41	2340	120	1.17	17.10	0.97	383	22.5	7.9	7	9.18
Q927903		1.81	3.03		52.3	3.78	>10000	160	0.96	9.24	3.70	>1000	21.3	7.7	5	15.90
Q927904		5.50	<0.005		0.06	0.06	10.0	30	0.07	0.04	19.80	0.75	1.20	0.7	1	0.14
Q927905		1.27	0.076		5.45	4.33	732	490	1.16	0.76	10.25	17.15	39.2	4.5	5	26.5
Q927906		3.66	<0.005		0.55	7.00	28.1	1250	1.61	0.25	1.80	0.86	48.0	8.1	9	17.45
Q927907		0.15	>10.0	13.90	>100	4.24	153.5	620	0.45	1.90	1.96	822	17.80	59.0	45	1.34
Q927908		2.22	>10.0	16.45	>100	3.93	>10000	700	1.18	0.15	1.28	100.5	29.3	4.8	5	13.85
Q927909		3.40	0.015		0.81	6.93	52.1	1330	1.50	0.32	2.21	0.54	46.7	7.7	8	21.3
Q927910		3.79	0.016		1.07	6.93	162.0	1010	1.56	0.32	2.22	1.05	48.3	8.9	8	14.75
Q927911		1.97	0.040		7.21	7.19	189.5	970	1.64	2.20	1.14	20.1	58.3	6.6	8	14.05
Q927912		1.56	0.172		8.97	6.91	427	140	1.48	9.54	0.38	19.75	50.8	8.1	9	11.25
Q927913		0.94	0.824		10.15	5.94	7200	740	1.27	8.11	1.40	34.3	44.1	8.7	6	28.1
Q927914		1.54	0.459		12.20	6.14	1720	1120	1.24	12.55	1.22	32.5	31.5	7.9	8	18.75
Q927915		5.54	<0.005		0.02	0.06	3.9	30	0.07	0.04	20.0	0.13	1.15	0.7	1	0.16
Q927916		1.10	0.042		1.83	6.59	101.0	3870	1.62	0.50	2.43	0.52	61.3	6.7	14	19.20
Q927917		2.16	0.210		5.73	6.56	1910	720	1.19	4.32	0.51	11.60	75.5	7.7	8	7.75
Q927918		2.38	0.106		4.78	7.29	615	310	1.50	3.47	0.54	16.25	80.3	9.1	8	10.50
Q927919		<0.02	0.102		4.35	7.10	634	220	1.21	3.03	0.57	15.05	67.4	8.2	8	9.34
Q927920		0.80	0.102		7.86	6.62	283	660	1.96	7.06	1.61	23.3	58.3	9.9	10	20.9
Q927921		2.42	0.052		3.26	6.43	360	800	1.39	1.22	1.23	20.1	58.1	5.3	9	9.42
Q927922		1.45	0.385		9.62	5.95	4940	500	1.32	4.00	0.65	151.5	46.0	6.2	9	6.86
Q927923		1.00	3.23		25.0	4.84	>10000	370	0.96	6.76	1.32	365	29.1	13.3	5	7.32
Q927924		2.10	0.088		7.28	5.42	236	400	1.35	0.76	3.53	26.7	38.7	7.4	7	9.09
Q927925		0.30	1.600		39.0	5.71	2430	1150	1.16	34.7	1.65	44.0	38.9	17.5	21	10.40
Q927926		1.55	0.062		2.21	3.81	317	160	1.16	0.52	0.51	3.50	3.86	16.7	17	1.80
Q927927		0.67	>10.0	14.20	>100	2.13	>10000	230	0.49	0.11	2.38	>1000	26.1	2.2	7	1.72
Q927928		3.01	0.601		11.80	6.28	887	730	1.01	0.51	1.50	16.30	46.2	27.3	8	7.69
Q927929		<0.02	0.580		11.35	6.00	752	230	1.00	0.53	1.45	16.45	36.1	28.2	7	7.82
Q927930		2.39	0.023		2.97	7.15	43.8	1670	1.52	0.33	2.26	0.65	44.4	10.8	9	15.30
Q927931		1.89	2.14		>100	5.82	6260	1040	1.25	0.50	1.90	290	42.3	4.3	5	12.35
Q927932		0.91	1.260		>100	5.04	3000	620	1.10	7.74	3.02	110.5	38.3	25.9	7	11.95

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121949

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q927897		2190	10.10	11.35	<0.05	0.7	10.15	1.88	11.5	8.1	1.01	2880	1.79	0.02	4.2	3.1
Q927898		116.0	5.64	16.30	0.06	1.0	0.541	3.15	22.8	5.6	0.39	778	4.78	0.02	6.8	2.7
Q927899		473	8.81	11.60	<0.05	0.7	7.35	2.14	15.0	4.2	0.86	5310	1.33	0.02	4.4	2.4
Q927900		64.9	5.05	17.00	0.05	1.1	0.239	3.25	25.1	7.9	0.60	2320	1.36	0.03	7.6	2.9
Q927901		90.8	9.61	5.62	<0.05	0.5	0.600	1.12	7.7	18.0	0.51	1200	7.10	0.02	2.5	3.3
Q927902		522	11.65	11.90	<0.05	0.8	2.49	2.47	10.3	6.9	0.31	1210	1.48	0.02	4.8	2.6
Q927903		1060	10.70	9.75	<0.05	0.8	8.94	1.47	11.1	11.7	1.33	5160	13.55	0.02	4.1	2.9
Q927904		2.7	0.44	0.25	0.13	<0.1	0.011	0.02	1.0	1.1	12.40	194	0.28	<0.01	0.2	1.6
Q927905		37.9	3.91	9.91	<0.05	0.8	0.222	1.65	19.5	18.6	0.56	2770	9.68	0.02	4.7	2.2
Q927906		58.3	2.88	17.10	0.12	1.3	0.034	2.71	20.7	115.0	0.61	2440	1.49	0.08	8.6	2.7
Q927907		>10000	8.74	15.90	<0.05	0.5	3.04	0.78	8.7	6.2	0.78	1600	159.0	1.03	2.1	18.2
Q927908		103.0	4.53	11.15	<0.05	0.7	0.048	1.58	15.6	45.7	0.44	5740	59.3	0.01	4.2	2.6
Q927909		26.2	2.85	16.30	0.10	1.2	0.061	3.00	20.5	51.6	0.71	2010	2.62	0.28	7.9	2.7
Q927910		29.1	2.86	16.40	0.09	1.1	0.053	3.19	21.1	43.6	0.70	3720	3.07	0.06	7.9	3.0
Q927911		58.5	4.93	16.20	0.07	1.1	0.347	3.22	31.7	8.2	0.76	3170	23.8	0.04	7.1	2.7
Q927912		40.8	6.01	17.15	0.08	1.0	0.544	3.29	23.1	6.2	0.32	787	6.47	0.03	7.2	2.6
Q927913		57.7	7.63	15.30	0.06	1.0	0.495	2.48	20.9	13.8	0.55	1450	1.46	0.03	6.5	2.6
Q927914		99.5	8.43	16.75	0.06	1.5	0.757	2.51	11.2	18.0	0.48	1170	1.42	0.03	6.7	3.1
Q927915		2.5	0.45	0.23	0.05	<0.1	0.006	0.02	1.0	1.1	12.55	201	0.18	<0.01	0.2	1.7
Q927916		20.2	2.38	17.35	0.19	3.2	0.036	2.34	30.8	97.7	0.97	1100	1.13	0.04	9.3	5.2
Q927917		32.3	7.54	16.40	0.07	1.2	0.417	3.00	39.7	6.4	0.35	1470	1.28	0.03	6.7	2.5
Q927918		35.1	6.75	18.35	0.06	1.4	0.617	3.37	43.6	6.7	0.46	2950	1.38	0.03	8.1	3.2
Q927919		35.1	6.67	16.25	0.06	1.2	0.544	3.33	36.6	6.0	0.48	3270	1.23	0.03	7.2	2.9
Q927920		56.3	4.71	16.05	<0.05	1.9	0.287	2.27	30.3	53.4	0.74	2020	3.03	0.04	8.2	5.2
Q927921		35.4	7.59	15.20	<0.05	1.3	0.396	2.78	30.6	22.9	1.01	2690	4.12	0.03	7.3	2.8
Q927922		104.0	10.00	14.85	<0.05	0.9	2.87	2.85	20.6	5.9	0.57	3530	4.93	0.02	6.5	3.0
Q927923		454	14.55	13.20	<0.05	0.5	7.31	2.24	15.1	5.7	0.72	2850	6.00	0.02	3.9	2.4
Q927924		22.4	4.43	12.30	<0.05	1.2	0.263	2.48	18.6	16.5	1.20	8740	4.31	0.02	5.9	2.3
Q927925		1150	8.74	14.50	<0.05	0.9	1.600	2.52	19.2	16.3	0.68	2290	17.60	0.06	4.8	15.0
Q927926		6.7	4.90	11.70	<0.05	0.8	0.126	0.67	2.4	16.5	0.68	1360	4.73	0.24	3.9	2.2
Q927927		474	8.06	10.45	0.05	0.4	0.676	1.03	13.8	17.5	0.72	11900	2.16	0.01	2.0	2.3
Q927928		26.1	6.44	13.85	0.07	1.2	0.252	3.08	24.7	13.1	0.52	4930	4.18	0.02	6.5	3.7
Q927929		26.1	5.73	13.65	0.06	1.3	0.230	2.99	18.7	12.0	0.50	4800	3.08	0.02	6.5	2.4
Q927930		64.4	2.96	15.45	0.08	1.5	0.053	3.53	21.9	51.3	0.75	2060	1.53	0.13	8.2	2.2
Q927931		94.5	4.22	15.65	0.10	1.1	0.086	2.41	23.6	31.6	0.64	11050	1.42	0.02	5.8	2.2
Q927932		674	7.92	10.65	<0.05	0.7	5.83	2.21	20.6	20.4	1.05	13800	3.40	0.02	5.1	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121949

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q927897		320	>10000	116.0	<0.002	>10.0	976	5.9	1	13.6	43.1	0.34	0.88	6.8	0.127	3.28
Q927898		480	2080	202	<0.002	5.70	44.0	9.5	<1	9.6	11.9	0.57	0.08	11.3	0.209	2.51
Q927899		340	>10000	130.0	<0.002	9.76	616	6.7	1	13.8	26.4	0.36	0.55	7.7	0.143	5.28
Q927900		610	692	188.0	0.002	3.06	11.15	10.0	1	7.5	41.1	0.61	0.06	12.8	0.236	2.36
Q927901		190	3850	59.8	0.002	9.61	23.7	2.9	2	4.9	31.7	0.23	0.60	4.4	0.078	1.10
Q927902		380	>10000	144.0	<0.002	>10.0	144.0	6.6	2	5.4	49.5	0.42	0.18	7.0	0.150	4.09
Q927903		270	4170	83.8	<0.002	>10.0	163.0	4.7	2	10.2	77.4	0.34	0.33	6.9	0.118	1.69
Q927904		260	8.6	1.1	<0.002	0.02	0.20	0.1	1	<0.2	51.2	<0.05	<0.05	0.2	<0.005	<0.02
Q927905		330	1645	114.5	<0.002	1.42	25.2	5.9	1	6.2	314	0.42	<0.05	8.1	0.133	1.58
Q927906		620	43.7	108.0	<0.002	0.25	37.2	11.1	1	2.0	167.0	0.70	<0.05	11.7	0.250	1.60
Q927907		550	>10000	25.5	0.066	>10.0	180.0	10.7	9	19.5	214	0.14	0.53	1.8	0.162	8.39
Q927908		290	2580	102.5	<0.002	3.83	412	5.9	1	19.9	64.7	0.34	<0.05	6.9	0.130	1.88
Q927909		570	32.9	128.5	<0.002	0.40	22.0	10.2	<1	2.5	154.0	0.63	<0.05	11.7	0.241	2.05
Q927910		580	90.3	138.0	<0.002	0.70	29.4	10.6	1	2.4	107.0	0.64	<0.05	11.0	0.242	2.32
Q927911		550	922	192.5	0.004	1.70	11.95	10.1	<1	3.9	25.6	0.59	0.17	15.1	0.224	2.70
Q927912		520	1145	195.5	<0.002	5.97	10.35	10.0	1	7.2	17.0	0.57	0.68	12.4	0.217	2.66
Q927913		510	1335	134.0	<0.002	7.37	42.2	8.9	1	8.4	139.5	0.59	0.92	9.8	0.195	2.04
Q927914		530	806	128.5	<0.002	8.70	15.75	8.5	1	9.8	78.4	0.57	0.62	9.3	0.190	1.97
Q927915		200	2.9	1.1	<0.002	0.02	0.05	0.1	1	<0.2	48.8	<0.05	<0.05	0.2	<0.005	<0.02
Q927916		860	107.5	134.0	<0.002	0.76	11.80	6.4	1	1.8	351	0.65	<0.05	8.2	0.255	2.24
Q927917		480	618	184.5	0.002	7.35	9.99	8.8	1	10.4	42.6	0.58	0.28	13.7	0.199	2.43
Q927918		550	686	224	<0.002	5.66	12.85	10.3	1	9.6	19.8	0.70	0.18	14.6	0.234	3.14
Q927919		540	709	208	<0.002	5.44	11.80	9.2	1	9.1	18.0	0.66	0.12	13.7	0.221	2.84
Q927920		660	782	137.0	0.002	3.08	14.75	8.0	1	7.5	244	0.64	0.17	10.4	0.233	2.18
Q927921		500	685	172.0	<0.002	3.86	6.43	9.6	1	7.6	41.7	0.66	<0.05	12.8	0.207	2.74
Q927922		480	992	163.5	<0.002	8.30	50.1	9.5	1	11.2	17.2	0.51	0.35	9.4	0.198	2.48
Q927923		300	1920	137.0	<0.002	>10.0	339	6.7	1	8.5	30.3	0.34	0.36	6.1	0.121	2.11
Q927924		410	684	151.5	0.002	2.92	30.6	7.6	1	4.4	68.6	0.48	<0.05	9.7	0.172	2.11
Q927925		440	1605	154.0	0.003	7.64	99.4	8.4	2	11.6	65.9	0.40	0.67	8.9	0.163	2.02
Q927926		300	127.5	40.6	0.003	2.65	23.4	8.9	1	4.5	98.1	0.41	<0.05	6.0	0.140	0.58
Q927927		180	>10000	60.2	<0.002	9.60	2640	1.9	1	55.9	55.4	0.17	<0.05	4.3	0.066	1.07
Q927928		470	736	181.5	<0.002	5.79	56.6	8.3	1	4.0	33.1	0.51	0.05	10.3	0.199	2.59
Q927929		420	580	171.0	<0.002	5.41	53.5	7.8	1	3.9	31.5	0.56	0.07	9.6	0.191	2.64
Q927930		580	1725	140.5	<0.002	0.55	44.8	9.6	<1	2.1	141.0	0.66	<0.05	12.9	0.251	2.43
Q927931		410	>10000	129.0	<0.002	4.20	3530	8.0	1	18.0	107.0	0.51	<0.05	11.9	0.180	2.23
Q927932		380	>10000	115.5	<0.002	4.70	148.0	7.2	1	3.1	66.4	0.41	0.63	8.2	0.163	2.04

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121949

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q927897		1.3	39	7.3	4.6	>10000	17.2	683		2.40	3.65	
Q927898		2.2	58	10.6	6.8	1780	23.8					
Q927899		1.7	40	5.7	4.9	>10000	15.8	582		11.30	1.330	1.430
Q927900		6.2	67	6.5	9.8	1530	25.1					
Q927901		3.3	23	4.0	4.6	4700	13.3					
Q927902		2.8	45	6.2	6.7	>10000	20.3	122		2.19	2.99	
Q927903		3.8	32	4.5	10.1	>10000	23.2				10.05	2.69
Q927904		0.6	2	0.1	0.8	94	<0.5					
Q927905		13.4	40	5.8	10.4	1680	20.4					
Q927906		6.3	71	4.1	15.1	109	34.8					
Q927907		2.0	115	7.9	11.5	>10000	11.5	125	2.75	2.34	14.85	
Q927908		8.6	38	2.5	9.0	7360	17.5	208				1.795
Q927909		5.0	66	3.0	15.1	90	30.7					
Q927910		4.6	70	5.7	15.2	157	28.0					
Q927911		5.0	65	5.3	10.4	1690	27.4					
Q927912		2.6	62	9.1	7.9	1490	25.5					
Q927913		5.3	57	9.5	8.3	2400	25.3					
Q927914		3.6	55	9.7	7.9	2260	42.6					
Q927915		0.6	2	0.1	0.8	25	<0.5					
Q927916		5.1	54	3.0	11.5	88	126.0					
Q927917		3.2	57	9.6	8.0	910	30.2					
Q927918		3.8	67	7.8	8.1	1380	33.4					
Q927919		3.4	66	7.5	7.3	1350	29.4					
Q927920		6.8	55	6.6	9.2	1980	67.4					
Q927921		4.0	52	10.3	9.4	2080	31.6					
Q927922		3.2	55	14.3	8.1	>10000	22.3				1.350	
Q927923		1.9	42	7.1	6.1	>10000	13.8				3.43	4.03
Q927924		5.1	46	14.3	9.5	2720	31.6					
Q927925		5.3	54	8.0	9.6	3230	24.5					
Q927926		1.4	45	27.0	2.7	182	20.6					
Q927927		1.3	12	8.4	3.7	>10000	11.1	872		2.96	6.05	2.96
Q927928		2.7	54	15.2	7.9	1120	36.3					
Q927929		2.5	53	15.0	6.6	1120	34.9					
Q927930		5.9	67	5.1	14.7	88	42.8					
Q927931		4.0	49	3.8	9.5	>10000	32.4	244		2.14	1.640	
Q927932		3.9	46	4.0	12.9	>10000	20.3	125		1.035	1.035	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14121949

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21d
LOG-22	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	As-OG62	Au-AA24	Au-GRA22
Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

CERTIFICATE WH14123929

Project: KLAZA

P.O. No.: BATCH 158

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14123929

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933876		6.14	<0.005	0.14	8.29	10.9	1740	1.12	0.30	0.99	0.68	53.2	8.3	10	13.05	25.5
Q933877		6.98	<0.005	0.15	7.67	10.7	2250	1.49	0.27	2.32	0.78	49.9	8.5	12	12.80	23.8
Q933878		11.43	<0.005	0.17	7.48	4.4	2390	1.43	0.37	2.66	0.30	49.2	7.2	8	11.50	15.6
Q933879		1.65	<0.005	0.19	7.47	42.7	1720	1.27	0.51	1.75	1.93	40.6	9.7	9	26.6	10.0
Q933880		5.89	<0.005	0.13	7.67	61.3	2340	1.19	0.28	1.72	1.80	46.1	8.3	10	29.6	11.9
Q933881		<0.02	<0.005	0.11	7.42	57.7	2260	1.23	0.25	1.63	1.63	48.5	7.5	10	28.3	12.8
Q933882		5.28	<0.005	0.09	7.05	10.9	2200	1.39	0.19	2.73	0.24	47.0	7.9	8	21.8	10.4
Q933883		3.11	<0.005	0.12	7.18	35.1	960	1.36	0.18	1.79	0.60	42.0	6.5	7	19.45	11.1
Q933884		1.55	0.930	4.79	5.28	574	370	1.60	0.35	2.49	46.7	37.2	6.8	5	25.2	48.6
Q933885		4.92	<0.005	0.01	0.05	<0.2	60	0.06	0.02	19.95	0.05	1.02	0.7	<1	0.11	4.0
Q933886		3.39	<0.005	0.15	7.08	37.7	2160	1.50	1.09	2.28	0.17	51.7	7.8	10	20.1	19.5
Q933887		2.38	0.038	0.22	6.52	48.1	2190	1.51	0.81	2.61	0.20	48.9	6.4	7	15.50	13.5
Q933888		8.47	<0.005	0.18	6.66	60.6	1850	1.51	0.28	2.24	0.36	36.7	7.1	8	18.55	29.2
Q933889		4.78	0.126	90.5	7.97	713	1550	1.96	0.15	0.29	13.20	54.2	7.9	5	25.5	28.9
Q933890		5.25	0.069	6.26	8.03	277	1600	1.69	0.17	0.62	8.32	53.8	7.1	7	19.15	13.1
Q933891		5.64	0.005	0.40	5.52	50.5	1970	1.71	0.18	2.56	1.46	33.9	6.7	7	21.4	19.4
Q933892		7.56	<0.005	0.39	7.08	9.4	1900	1.43	0.10	1.68	0.31	48.8	6.6	7	23.3	6.8
Q933893		3.39	1.640	43.5	4.87	967	2000	1.11	53.4	0.15	3.39	31.4	5.3	7	13.40	21.2
Q933894		3.38	<0.005	0.03	0.05	<0.2	20	0.05	0.07	20.6	0.07	1.13	0.7	<1	0.16	1.2
Q933895		4.06	<0.005	2.31	7.25	8.9	2550	1.48	0.21	2.24	0.79	43.6	8.0	11	12.90	13.0
Q933896		6.87	0.019	1.38	7.77	52.7	2390	1.50	0.32	0.52	2.78	55.2	7.7	8	21.6	19.8
Q933897		5.57	0.966	18.85	7.38	1600	4020	1.47	0.75	1.43	5.17	49.4	9.0	9	18.80	52.1
Q933898		2.86	<0.005	0.12	7.53	10.4	2190	1.40	0.55	2.05	0.16	53.0	6.8	9	17.85	12.3
Q933899		3.29	<0.005	0.72	7.46	42.0	1630	1.52	0.27	0.82	1.53	54.1	7.5	9	33.6	26.0
Q933900		1.42	<0.005	0.17	7.81	20.5	1630	1.49	0.81	0.90	1.25	57.1	6.7	9	35.0	16.1
Q933901		2.19	<0.005	0.13	7.54	8.6	1970	1.36	0.13	1.56	0.12	48.5	6.8	7	17.20	8.5
Q933902		2.71	<0.005	0.20	7.26	17.0	1970	1.12	0.21	1.08	0.30	42.4	7.2	9	14.85	6.9
Q933903		2.02	0.214	9.87	7.10	420	1220	1.43	1.34	1.39	1.98	48.4	14.1	10	15.60	12.0
Q933904		2.15	0.011	0.71	7.49	44.2	1380	1.41	0.10	1.19	1.06	46.9	6.6	9	22.0	9.0
Q933905		0.26	0.861	12.10	6.33	1530	1140	1.38	12.60	1.79	31.8	47.4	17.4	16	13.00	283
Q933906		2.05	0.191	5.88	5.22	409	1480	1.35	1.01	1.24	5.36	43.1	5.4	9	15.55	66.5
Q933907		2.42	0.005	0.16	7.51	11.0	2050	1.60	0.22	2.04	0.51	51.7	4.7	10	17.00	11.9
Q933908		2.87	0.011	0.31	6.67	67.2	2100	1.56	0.27	3.22	0.26	39.6	5.6	10	16.10	2.5
Q933909		0.26	0.397	4.60	6.23	711	530	1.33	3.45	1.98	10.35	42.4	12.0	23	12.25	318
Q933910		4.64	0.041	0.79	7.49	80.3	5890	1.71	0.61	2.10	0.10	41.0	12.5	9	15.25	6.4
Q933911		3.01	0.138	1.28	6.82	506	1540	1.38	0.19	2.76	1.14	46.5	5.1	10	16.30	19.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14123929

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933876		3.07	17.40	0.12	1.3	0.066	2.76	27.8	28.6	0.29	1200	3.00	0.25	8.7	2.7	670
Q933877		3.14	16.40	0.12	1.2	0.058	2.62	26.2	14.3	0.74	787	2.09	2.04	8.4	2.7	620
Q933878		2.91	16.35	0.12	1.3	0.046	2.59	25.5	14.3	0.78	714	2.41	2.32	8.3	2.3	610
Q933879		2.62	16.55	0.10	1.2	0.059	3.10	20.1	51.4	0.58	1160	1.52	0.24	8.4	2.4	590
Q933880		3.19	17.40	0.11	1.2	0.088	2.52	22.8	161.5	0.62	1260	3.21	0.31	8.4	2.4	680
Q933881		3.06	16.25	0.12	1.1	0.079	2.39	24.9	157.5	0.60	1200	3.06	0.28	7.8	2.3	640
Q933882		2.99	16.20	0.15	1.2	0.054	2.59	23.3	18.1	0.69	800	1.44	1.75	8.2	2.4	610
Q933883		2.73	15.90	0.11	1.1	0.050	2.26	20.7	239	0.65	1700	1.02	0.06	7.9	2.1	620
Q933884		3.60	11.85	0.08	0.9	0.077	2.40	20.8	34.9	0.74	14850	3.69	0.03	5.5	2.0	400
Q933885		0.47	0.17	0.09	<0.1	<0.005	0.02	0.5	1.0	12.45	189	0.22	<0.01	0.1	1.4	170
Q933886		2.96	16.85	0.10	1.3	0.060	2.80	25.5	36.6	0.70	1060	2.04	1.88	8.4	2.5	620
Q933887		3.39	15.45	0.06	1.1	0.097	2.73	24.1	15.6	0.68	1480	1.57	1.81	7.3	2.2	540
Q933888		2.89	16.35	0.07	1.3	0.064	2.64	16.9	102.5	0.66	1060	1.32	1.19	8.3	2.3	580
Q933889		3.47	18.50	0.05	1.4	0.065	2.86	29.5	50.8	0.17	4240	3.01	0.06	9.7	2.6	710
Q933890		3.62	17.95	<0.05	1.2	0.087	2.71	30.1	88.3	0.18	3890	3.72	0.04	8.7	2.7	630
Q933891		2.98	16.00	<0.05	1.3	0.064	3.47	15.9	58.8	0.15	1630	2.55	0.27	8.2	2.3	540
Q933892		2.63	15.80	<0.05	1.5	0.030	2.97	25.9	19.5	0.23	855	2.50	1.15	8.2	2.3	520
Q933893		5.34	11.00	<0.05	1.1	0.128	2.25	17.7	35.5	0.14	2360	10.45	0.09	5.2	1.7	270
Q933894		0.47	0.17	0.11	<0.1	<0.005	0.02	0.5	1.1	12.95	190	0.20	<0.01	0.2	1.4	240
Q933895		3.11	15.80	0.10	1.2	0.048	2.90	21.6	10.5	0.56	1320	1.96	1.90	7.7	2.5	570
Q933896		3.07	16.95	0.08	1.1	0.053	3.10	32.2	47.0	0.22	2040	5.59	0.61	8.5	2.6	600
Q933897		3.56	16.35	0.07	1.0	0.102	3.47	26.8	21.0	0.37	2470	2.79	0.99	7.9	2.3	600
Q933898		3.02	16.50	0.07	1.0	0.057	3.03	27.7	14.5	0.55	708	1.73	1.79	8.0	2.4	600
Q933899		2.79	16.65	<0.05	1.0	0.049	3.06	29.9	121.5	0.33	1410	4.06	0.19	7.4	2.4	570
Q933900		2.71	17.45	<0.05	1.0	0.060	3.36	31.8	133.0	0.35	720	2.63	0.30	8.4	2.6	600
Q933901		2.68	16.30	<0.05	1.1	0.046	2.97	25.4	23.9	0.51	686	1.58	0.99	8.0	2.3	570
Q933902		2.95	16.85	0.05	1.3	0.035	2.95	21.2	25.4	0.22	989	1.93	0.24	8.7	2.4	570
Q933903		3.33	16.35	0.05	1.1	0.086	3.34	24.7	16.6	0.50	4000	1.09	0.07	7.8	2.8	550
Q933904		2.82	17.15	0.06	1.2	0.048	2.78	23.7	157.5	0.34	1620	1.89	0.09	9.3	2.6	640
Q933905		6.38	15.20	<0.05	1.1	0.755	2.76	25.9	18.6	0.75	1750	8.79	0.12	6.4	11.6	520
Q933906		2.60	12.35	<0.05	0.9	0.149	2.23	24.2	46.2	0.41	3270	5.96	0.03	5.7	2.2	390
Q933907		2.87	16.70	<0.05	1.4	0.058	3.19	27.0	42.8	0.55	995	1.88	0.93	9.0	2.4	620
Q933908		3.08	15.40	0.06	1.0	0.084	3.32	18.7	13.7	0.63	1890	1.95	0.66	7.7	2.5	590
Q933909		4.90	15.35	0.06	1.1	0.304	2.86	22.3	24.4	0.73	1800	13.45	0.15	6.2	13.8	500
Q933910		3.62	17.15	0.05	1.2	0.174	3.83	19.3	15.1	0.32	1030	4.83	1.56	8.4	2.4	620
Q933911		3.13	15.65	0.06	1.1	0.058	3.51	23.9	33.0	0.82	2120	1.55	0.33	7.8	2.2	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14123929

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933876		17.9	133.0	<0.002	0.03	19.70	12.1	1	2.3	77.8	0.67	<0.05	14.4	0.285	1.60	4.6
Q933877		20.1	119.5	<0.002	0.01	3.16	11.2	1	2.1	333	0.65	<0.05	13.1	0.264	1.31	3.8
Q933878		20.3	109.0	<0.002	0.01	1.68	11.0	1	1.9	393	0.68	<0.05	12.5	0.269	1.19	2.7
Q933879		53.3	119.0	<0.002	0.12	21.5	9.9	1	2.6	138.5	0.69	<0.05	12.0	0.249	2.14	7.5
Q933880		36.1	103.0	<0.002	0.14	28.1	11.7	1	2.5	173.5	0.55	<0.05	11.7	0.281	1.66	8.2
Q933881		39.8	104.0	0.002	0.13	27.3	11.1	1	2.3	163.0	0.50	<0.05	12.1	0.269	1.54	7.5
Q933882		17.1	106.0	<0.002	0.02	4.57	11.3	1	1.8	330	0.57	<0.05	12.1	0.275	1.29	2.9
Q933883		13.8	88.1	<0.002	0.18	27.5	10.8	<1	2.0	153.0	0.61	<0.05	10.4	0.258	1.65	5.9
Q933884		667	126.5	<0.002	1.46	56.9	7.7	1	3.4	105.5	0.39	<0.05	8.3	0.183	2.14	5.2
Q933885		1.2	0.7	<0.002	<0.01	0.14	0.1	<1	<0.2	44.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q933886		16.4	120.5	<0.002	0.15	8.28	11.6	1	3.7	293	0.61	<0.05	12.4	0.265	1.58	4.3
Q933887		19.3	112.5	<0.002	0.30	8.30	9.9	<1	2.7	256	0.54	<0.05	10.8	0.234	1.59	3.2
Q933888		19.8	96.6	<0.002	0.06	17.85	10.0	1	2.1	202	0.66	<0.05	9.4	0.252	1.51	3.7
Q933889		795	161.5	<0.002	0.03	50.2	14.2	<1	2.9	79.3	0.88	<0.05	14.9	0.311	2.87	6.0
Q933890		127.0	168.5	<0.002	0.03	23.4	11.1	<1	2.3	82.2	0.76	<0.05	15.5	0.259	2.60	6.2
Q933891		83.7	153.5	<0.002	0.03	13.65	8.3	1	1.8	91.8	0.75	<0.05	9.9	0.244	2.69	3.8
Q933892		21.4	131.0	<0.002	<0.01	11.85	9.0	1	1.4	209	0.80	<0.05	15.9	0.221	1.48	2.5
Q933893		1370	133.0	<0.002	0.17	68.5	6.4	<1	2.1	63.2	0.59	0.73	10.9	0.136	2.09	7.3
Q933894		2.3	0.9	<0.002	<0.01	0.20	0.1	<1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q933895		25.7	114.0	<0.002	0.01	3.13	9.9	<1	1.5	321	0.60	<0.05	10.5	0.245	1.30	2.2
Q933896		65.3	154.0	<0.002	0.01	20.3	11.3	1	1.9	120.5	0.65	<0.05	13.6	0.256	1.86	4.3
Q933897		468	176.5	<0.002	0.32	47.8	10.6	1	2.0	159.0	0.61	<0.05	12.7	0.250	2.33	4.3
Q933898		17.6	128.0	<0.002	0.02	10.30	10.3	1	1.6	271	0.57	<0.05	13.4	0.249	1.40	2.3
Q933899		20.8	152.5	<0.002	0.04	34.7	10.6	<1	1.7	107.5	0.58	<0.05	14.0	0.240	2.03	3.8
Q933900		13.0	163.5	<0.002	0.05	27.4	11.1	1	1.8	113.0	0.63	<0.05	14.7	0.267	1.95	4.0
Q933901		16.6	123.0	<0.002	0.01	13.20	10.1	1	1.7	166.0	0.66	<0.05	14.3	0.244	1.35	2.5
Q933902		17.6	128.5	<0.002	0.02	26.2	10.5	<1	1.6	86.1	0.73	<0.05	13.6	0.250	1.42	4.6
Q933903		267	161.0	<0.002	0.76	26.8	10.6	1	1.7	56.1	0.63	0.32	12.9	0.231	2.29	4.3
Q933904		30.1	134.0	0.002	0.16	24.6	11.3	1	1.8	96.6	0.83	<0.05	13.3	0.263	1.90	9.3
Q933905		1290	163.5	<0.002	4.54	61.6	9.1	2	7.5	93.4	0.53	1.11	11.6	0.202	2.46	5.1
Q933906		281	133.5	0.002	1.07	79.9	7.6	<1	1.5	71.9	0.53	0.20	11.1	0.171	2.24	6.3
Q933907		16.0	153.5	<0.002	0.02	10.80	10.6	1	1.7	216	0.91	<0.05	14.8	0.258	1.88	7.1
Q933908		17.4	137.0	<0.002	0.61	7.96	9.9	1	1.5	155.0	0.64	<0.05	10.8	0.239	2.50	4.6
Q933909		480	132.0	0.006	2.66	27.3	8.8	1	5.4	103.5	0.51	0.29	9.7	0.204	2.44	4.7
Q933910		14.5	169.0	<0.002	0.35	13.70	11.1	1	1.9	239	0.66	0.05	10.5	0.259	2.24	5.3
Q933911		36.6	182.0	<0.002	1.29	20.5	9.7	<1	1.7	132.0	0.64	<0.05	14.6	0.234	2.42	5.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14123929

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933876		74	8.4	18.2	231	36.5
Q933877		73	2.9	17.5	227	32.7
Q933878		70	2.1	17.9	87	31.9
Q933879		66	2.0	13.9	355	33.6
Q933880		73	23.3	16.4	266	35.6
Q933881		69	22.3	16.0	247	32.2
Q933882		70	2.0	17.5	88	33.9
Q933883		67	19.5	15.6	127	30.7
Q933884		50	5.0	14.1	5490	24.1
Q933885		1	0.1	0.7	14	<0.5
Q933886		72	1.5	15.9	80	31.0
Q933887		64	12.1	14.3	70	27.8
Q933888		68	4.0	13.6	109	32.1
Q933889		89	8.2	18.3	1080	29.0
Q933890		70	5.3	16.6	621	28.3
Q933891		70	4.0	11.2	177	28.7
Q933892		62	2.5	14.7	61	34.5
Q933893		49	17.5	7.1	317	21.9
Q933894		1	0.1	0.7	14	<0.5
Q933895		68	4.3	14.4	125	28.4
Q933896		70	4.5	17.6	319	24.9
Q933897		69	3.7	14.9	472	24.0
Q933898		70	2.6	15.1	65	24.8
Q933899		69	5.6	13.4	283	23.0
Q933900		72	5.4	13.6	135	23.5
Q933901		68	3.5	14.5	75	26.0
Q933902		69	5.0	14.5	101	28.1
Q933903		68	4.8	15.7	375	23.7
Q933904		75	4.5	16.8	261	25.5
Q933905		61	6.2	10.8	2300	27.9
Q933906		50	6.0	10.2	682	18.5
Q933907		70	3.4	16.5	186	27.2
Q933908		67	2.8	13.0	72	24.5
Q933909		66	5.8	10.7	851	27.8
Q933910		71	6.4	13.3	44	26.4
Q933911		65	4.1	14.2	222	23.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14123929

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
This copy reported on 20-AUG-2014
Account: ROCKHA

CERTIFICATE WH14124431

Project: Klaza

P.O. No.: Batch 91

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2014.

The following have access to data associated with this certificate:

JOAN MARIACHER	JARED TARSWELL	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

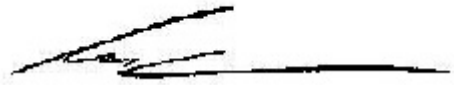
ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14111983**

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124431

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
Q927241		0.80	6.21	587	1820	1.40	0.68	1.89	1.00	38.6	7.1	11	17.75	28.2	2.48	14.95
Q927242		0.09	6.83	7.4	2130	1.47	0.30	2.43	0.11	47.7	7.6	19	8.41	28.2	2.88	15.00
Q927243		0.08	7.02	6.1	2140	1.54	0.25	2.57	0.08	47.7	7.2	16	9.47	21.0	3.02	15.35
Q927244		5.16	5.96	2890	1170	1.36	0.48	1.88	2.00	40.7	7.5	13	16.75	137.0	3.21	13.10
Q927245		0.01	0.06	2.3	20	0.05	0.02	19.40	0.05	1.08	0.8	1	0.14	2.7	0.46	0.28
Q927246		0.67	6.40	67.8	2030	1.41	1.59	2.31	0.25	41.6	4.5	12	15.55	176.5	3.11	14.70
Q927247		0.67	6.43	112.5	1730	1.24	0.58	2.42	0.27	45.6	5.6	11	12.70	48.9	2.85	14.75
Q927248		0.12	6.82	33.1	2350	1.40	0.56	2.54	0.11	43.7	5.5	13	14.45	11.2	2.99	15.20
Q927249		0.52	6.53	77.0	1870	1.30	0.61	2.62	0.24	41.9	5.1	11	15.85	128.0	3.23	15.05
Q927250		0.18	6.92	13.4	2320	1.35	0.50	2.39	0.59	42.7	6.4	11	13.75	13.4	2.99	15.75
Q927251		0.20	6.84	15.7	2320	1.50	0.44	2.39	0.61	37.8	6.2	13	13.75	12.6	2.95	15.75
Q927252		0.10	6.42	19.1	1570	1.62	0.26	2.27	0.13	34.5	6.3	11	23.1	16.4	2.43	15.55
Q927253		0.48	6.71	92.7	2180	1.83	0.87	2.33	0.47	42.1	6.8	9	21.5	25.4	2.62	16.20
Q927254		11.00	6.27	1520	280	1.43	11.25	1.83	30.6	46.7	16.4	19	12.90	283	6.22	14.60
Q927255		0.07	6.98	8.9	2430	1.42	0.29	2.59	0.11	39.7	6.8	14	22.5	9.6	3.00	15.95
Q927256		0.17	6.07	21.2	3240	1.41	0.31	3.10	0.18	45.2	7.3	10	20.4	18.9	2.49	13.50
Q927257		0.28	6.89	10.9	2560	1.36	0.40	2.00	0.13	34.8	5.7	11	16.55	80.9	3.11	16.85
Q927258		0.65	6.57	147.0	1940	1.50	0.66	2.21	0.63	43.6	6.3	8	18.90	22.2	3.35	15.35
Q927259		0.12	6.93	13.8	2210	1.32	0.36	1.71	0.18	41.2	4.1	11	16.90	17.2	3.21	15.95
Q927260		0.91	7.52	66.0	2310	1.30	1.32	1.28	0.94	45.4	6.2	11	14.90	64.6	3.26	16.50
Q927261		38.3	5.43	2420	780	1.17	36.4	1.61	44.8	38.9	16.2	22	9.96	1160	8.52	14.05
Q927262		23.3	6.08	936	1290	1.29	3.28	2.51	8.80	43.0	9.3	10	14.80	77.9	3.36	13.55
Q927263		0.03	0.07	0.9	30	0.06	0.02	19.10	0.07	1.14	0.9	1	0.19	4.2	0.44	0.34
Q927264		0.90	7.08	57.5	2810	1.43	1.68	2.81	0.90	45.6	3.5	10	15.25	73.2	4.02	19.55
Q927265		0.41	6.53	67.1	2660	1.39	1.24	4.11	0.14	47.8	7.0	8	16.95	18.6	3.97	15.15
Q927266		0.08	6.76	15.7	2140	1.40	0.31	2.18	0.12	42.2	6.9	11	35.0	17.2	2.89	16.10
Q927267		0.10	7.01	9.8	2390	1.45	0.37	2.56	0.16	47.3	7.8	11	12.15	26.7	3.00	16.35
Q927268		0.13	7.05	11.5	2420	1.50	0.38	2.62	0.27	46.2	8.1	12	12.70	34.2	3.13	16.55
Q927269		0.59	6.90	19.4	2320	1.21	2.05	1.78	0.14	44.0	9.4	11	14.75	141.0	3.14	16.60
Q927270		5.28	6.28	591	740	1.47	0.60	2.35	4.79	39.5	8.1	9	17.15	83.9	2.95	15.40
Q927271		40.8	5.35	2400	380	1.12	0.62	2.31	87.7	35.0	5.5	8	13.65	98.3	3.11	11.95
Q927272		3.50	6.53	234	2140	1.58	0.38	1.92	2.82	38.8	6.0	13	16.85	61.9	2.79	15.30
Q927273		0.54	6.37	89.2	1760	1.31	0.61	2.39	0.53	39.2	7.9	11	16.60	27.7	2.85	14.20
Q927274		1.54	6.63	84.2	1950	1.37	0.63	1.94	0.34	40.3	7.1	12	16.30	360	3.05	15.40
Q927275		0.12	7.63	8.8	2410	1.18	0.45	0.78	0.11	33.9	4.7	10	11.30	17.3	2.75	17.30
Q927276		0.30	6.60	20.8	2350	1.34	1.13	2.09	0.16	39.4	6.6	10	15.80	40.3	3.45	16.15

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14111983**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124431

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
Q927241		0.14	1.2	0.070	3.56	17.9	18.6	0.59	2130	1.41	0.35	7.4	4.2	520	95.4	150.5
Q927242		0.21	1.4	0.060	3.03	23.5	11.2	0.79	631	2.33	2.03	7.4	3.0	600	17.1	113.5
Q927243		0.21	1.3	0.048	2.90	23.1	10.5	0.80	578	2.85	2.17	7.7	2.8	610	16.9	107.0
Q927244		0.18	1.1	0.088	3.05	20.0	22.6	0.62	1060	2.27	0.17	6.3	3.3	490	60.3	142.0
Q927245		0.15	<0.1	0.005	0.03	0.5	0.9	12.10	192	0.10	0.01	0.1	1.5	190	1.5	1.1
Q927246		0.19	1.2	0.120	3.31	19.6	20.1	0.64	849	1.71	0.79	7.0	2.5	540	15.1	130.0
Q927247		0.21	1.2	0.151	3.51	22.1	18.2	0.72	1900	8.04	0.69	7.2	2.6	540	24.4	149.5
Q927248		0.21	1.2	0.083	3.54	20.4	12.4	0.74	848	3.68	1.30	7.4	2.7	610	14.4	139.5
Q927249		0.21	1.0	0.195	3.59	20.0	17.5	0.86	2060	1.54	0.08	7.2	3.7	570	14.6	152.0
Q927250		0.18	1.2	0.088	3.14	19.7	21.3	0.66	955	1.41	1.63	7.6	2.8	600	26.1	121.5
Q927251		0.18	1.2	0.087	3.16	17.1	21.3	0.65	938	1.66	1.63	7.6	2.5	600	24.8	117.0
Q927252		0.22	1.2	0.050	3.33	15.1	57.1	0.58	896	1.57	0.55	7.8	2.4	590	14.7	129.5
Q927253		0.21	1.1	0.119	2.99	19.3	80.0	0.76	1380	4.93	0.75	7.6	3.1	590	43.4	124.5
Q927254		0.20	1.0	0.755	3.00	23.8	17.9	0.74	1710	8.06	0.12	6.1	12.0	500	1230	165.0
Q927255		0.22	1.2	0.054	2.87	18.2	28.7	0.71	668	1.43	1.56	7.6	2.9	600	16.6	107.0
Q927256		0.23	1.1	0.048	2.56	23.0	91.2	1.00	840	1.28	0.07	6.4	2.5	500	15.3	122.5
Q927257		0.21	1.3	0.073	3.12	15.1	41.5	0.54	737	1.34	0.82	8.4	2.8	620	18.8	118.0
Q927258		0.23	1.1	0.128	3.29	20.8	38.6	0.77	2490	0.59	0.29	7.4	3.0	540	27.0	157.0
Q927259		0.22	1.1	0.178	3.61	19.0	49.1	0.70	1170	1.83	0.08	7.3	2.3	590	15.7	154.0
Q927260		0.21	1.2	0.081	3.49	21.9	31.3	0.65	1220	1.14	0.26	7.9	2.6	630	151.5	141.5
Q927261		0.21	0.9	1.545	2.69	17.5	15.7	0.65	2180	16.90	0.06	4.7	14.9	430	1550	156.5
Q927262		0.19	0.9	0.230	2.94	21.7	30.0	0.83	4230	2.16	0.02	6.3	2.6	500	1550	170.0
Q927263		0.19	<0.1	<0.005	0.03	0.5	1.2	12.00	194	0.11	<0.01	0.1	1.5	170	2.9	1.5
Q927264		0.19	1.1	0.415	3.32	21.8	40.4	1.06	2340	0.61	0.04	7.6	2.5	610	46.1	155.0
Q927265		0.19	1.0	0.235	3.25	24.4	25.8	1.38	2180	1.32	0.35	6.8	2.6	540	18.7	163.5
Q927266		0.21	1.2	0.060	3.10	18.6	90.3	0.66	839	1.06	0.89	7.9	2.8	640	16.5	128.5
Q927267		0.26	1.2	0.057	2.75	22.1	13.3	0.83	709	1.53	2.04	7.9	2.8	590	19.4	110.5
Q927268		0.23	1.2	0.056	2.80	21.7	14.3	0.84	759	1.32	2.04	8.2	2.9	620	24.3	111.0
Q927269		0.22	1.2	0.109	3.13	20.6	26.3	0.70	972	1.52	0.79	7.9	2.6	590	16.4	134.0
Q927270		0.21	1.1	0.182	3.01	18.2	38.0	0.77	4700	1.86	0.02	7.5	3.1	540	317	156.5
Q927271		0.19	0.8	0.715	2.47	16.0	24.9	0.77	4550	3.36	0.02	5.2	2.3	420	4310	138.0
Q927272		0.22	1.2	0.137	3.48	17.8	17.5	0.60	2890	2.17	0.68	7.7	2.4	540	255	143.5
Q927273		0.20	0.9	0.088	3.31	18.8	64.8	0.79	1880	1.43	0.05	6.7	2.2	540	40.8	142.5
Q927274		0.22	1.0	0.100	3.55	18.8	54.3	0.73	2920	1.08	0.20	7.4	2.5	550	39.0	141.0
Q927275		0.20	1.1	0.061	2.61	15.3	33.1	0.37	1020	1.03	0.06	8.2	1.9	630	12.4	110.5
Q927276		0.23	1.0	0.149	3.14	18.4	57.4	0.86	1160	1.66	0.28	7.4	2.4	570	13.3	122.0

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14111983**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124431

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
Q927241		<0.002	0.72	26.8	9.1	1	1.9	110.0	0.61	<0.05	11.1	0.224	2.61	5.0	62	2.8
Q927242		<0.002	0.01	2.13	10.0	1	1.9	351	0.62	<0.05	12.2	0.244	1.23	4.5	69	1.1
Q927243		<0.002	0.01	1.50	10.0	1	2.0	373	0.63	<0.05	12.5	0.253	1.13	3.7	72	3.9
Q927244		<0.002	2.12	93.0	8.5	<1	2.0	96.1	0.54	<0.05	10.4	0.204	2.48	5.8	58	3.5
Q927245		<0.002	0.02	0.12	0.2	<1	<0.2	40.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2	0.1
Q927246		<0.002	0.15	30.8	8.9	1	2.2	167.0	0.61	<0.05	11.1	0.229	1.76	5.9	63	7.0
Q927247		0.002	0.53	14.35	9.2	1	2.0	173.5	0.62	<0.05	11.6	0.229	2.11	6.4	63	2.9
Q927248		<0.002	0.13	5.04	9.9	1	2.0	255	0.58	<0.05	10.3	0.261	1.91	4.6	73	2.2
Q927249		<0.002	0.44	23.6	10.1	1	2.7	93.1	0.54	<0.05	9.5	0.247	2.78	7.1	67	4.9
Q927250		<0.002	0.06	4.73	10.5	<1	1.8	307	0.59	<0.05	9.5	0.266	1.56	3.8	72	1.6
Q927251		<0.002	0.06	4.53	10.1	1	1.8	306	0.59	<0.05	8.2	0.265	1.54	3.7	72	1.6
Q927252		<0.002	0.13	10.65	9.6	1	1.7	180.0	0.60	<0.05	7.6	0.258	2.24	3.5	71	3.6
Q927253		<0.002	0.53	20.5	10.6	1	2.9	167.5	0.58	<0.05	9.0	0.254	2.10	5.5	71	3.8
Q927254		<0.002	4.48	60.0	8.9	2	7.4	90.9	0.52	1.02	10.9	0.198	2.39	5.0	60	5.7
Q927255		<0.002	0.03	6.37	10.3	1	1.8	320	0.56	<0.05	8.7	0.264	1.34	3.0	72	1.4
Q927256		<0.002	0.20	23.4	9.5	1	1.4	175.5	0.51	<0.05	9.9	0.219	1.86	5.2	62	2.9
Q927257		<0.002	0.03	22.4	10.8	1	1.8	206	0.63	<0.05	7.9	0.281	1.46	3.9	76	3.2
Q927258		<0.002	0.48	22.2	10.2	1	1.8	127.0	0.56	<0.05	9.4	0.248	2.41	12.9	69	3.5
Q927259		<0.002	0.09	16.00	10.6	1	1.9	115.5	0.54	<0.05	8.8	0.262	2.15	2.8	72	3.0
Q927260		<0.002	0.12	28.6	11.1	1	1.7	119.5	0.60	<0.05	10.2	0.279	1.80	5.8	74	3.3
Q927261		0.002	7.52	102.0	8.4	2	10.7	63.4	0.40	0.75	9.1	0.154	2.24	5.4	55	7.2
Q927262		<0.002	1.73	78.8	9.5	1	2.0	81.6	0.46	<0.05	9.0	0.217	2.50	8.5	57	3.5
Q927263		<0.002	<0.01	0.19	0.2	<1	<0.2	41.2	<0.05	<0.05	<0.2	<0.005	<0.02	1.2	2	0.1
Q927264		<0.002	0.63	23.2	11.0	1	2.4	109.5	0.56	<0.05	9.4	0.263	2.50	4.8	87	4.9
Q927265		<0.002	0.62	17.40	10.3	1	1.7	162.0	0.51	<0.05	10.4	0.240	2.37	6.3	65	3.1
Q927266		<0.002	0.09	15.70	11.9	1	1.8	218	0.58	<0.05	9.5	0.293	1.91	4.3	87	1.8
Q927267		<0.002	0.02	2.95	10.9	1	1.6	385	0.60	<0.05	10.3	0.262	1.17	3.4	72	3.6
Q927268		<0.002	0.03	3.39	11.4	1	1.8	390	0.60	<0.05	9.9	0.268	1.27	3.5	74	2.0
Q927269		<0.002	0.09	17.75	11.0	1	1.9	167.0	0.63	0.05	10.2	0.254	1.70	4.2	69	5.3
Q927270		<0.002	1.33	63.8	10.2	1	2.5	160.5	0.57	<0.05	9.0	0.239	2.96	4.3	67	5.0
Q927271		<0.002	2.64	129.0	7.8	1	3.5	127.5	0.41	<0.05	7.4	0.181	2.26	7.4	51	4.5
Q927272		<0.002	0.60	36.4	9.9	1	1.7	177.0	0.62	<0.05	9.4	0.235	2.42	4.2	65	3.0
Q927273		<0.002	0.33	25.8	9.1	1	1.6	109.0	0.50	<0.05	8.7	0.233	2.34	5.8	63	4.4
Q927274		<0.002	0.36	32.2	9.8	1	1.7	118.5	0.58	<0.05	9.1	0.241	2.15	4.6	66	5.2
Q927275		<0.002	0.05	24.1	10.9	1	1.8	70.1	0.66	<0.05	9.1	0.270	1.17	3.3	65	8.1
Q927276		<0.002	0.13	22.6	9.9	1	1.7	130.0	0.56	<0.05	8.8	0.243	1.89	3.6	69	4.5

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14111983**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124431

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q927241		11.7	100	35.1
Q927242		15.3	42	40.9
Q927243		15.2	40	38.6
Q927244		10.4	175	30.9
Q927245		0.7	13	<0.5
Q927246		13.5	61	34.6
Q927247		13.6	59	34.0
Q927248		13.7	43	34.5
Q927249		12.8	60	29.2
Q927250		13.9	93	31.9
Q927251		12.7	99	31.1
Q927252		12.1	39	31.7
Q927253		14.4	61	31.8
Q927254		11.1	2230	26.4
Q927255		14.3	48	33.2
Q927256		15.3	46	28.6
Q927257		12.3	59	34.6
Q927258		15.1	115	30.1
Q927259		13.2	64	27.2
Q927260		13.4	121	30.4
Q927261		9.6	3130	21.6
Q927262		12.5	1260	22.5
Q927263		0.7	14	<0.5
Q927264		15.4	144	28.4
Q927265		15.0	65	26.5
Q927266		16.8	48	33.0
Q927267		16.1	55	30.9
Q927268		16.4	62	33.1
Q927269		14.4	57	31.7
Q927270		12.3	386	28.8
Q927271		9.7	6530	20.5
Q927272		13.2	299	29.6
Q927273		12.3	94	25.2
Q927274		12.6	91	27.5
Q927275		10.3	44	28.8
Q927276		12.2	62	26.9

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14111983**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124431

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

CERTIFICATE WH14124433

Project: Klaza

P.O. No.: Batch 104

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

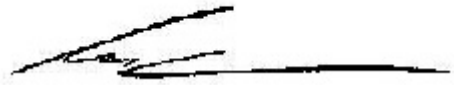
ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14114871**

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
Q927565		0.20	6.36	43.1	2380	1.51	0.17	1.86	0.27	40.7	6.4	8	21.7	7.8	2.24	15.20
Q927566		0.52	6.53	60.2	720	1.72	0.37	2.38	0.93	48.2	7.1	8	23.1	13.3	2.57	15.70
Q927567		0.15	6.28	17.6	1670	1.29	0.23	2.52	0.26	35.1	5.5	7	21.1	12.8	2.43	15.55
Q927568		4.91	6.14	463	960	1.59	3.46	3.49	11.65	47.0	9.6	8	28.6	120.0	3.40	14.30
Q927569		0.11	7.06	8.4	2150	1.62	0.22	2.61	0.18	47.6	7.0	9	14.65	8.7	2.84	16.25
Q927570		11.10	6.26	1475	870	1.25	12.05	1.81	33.2	45.9	17.3	18	13.30	278	6.24	15.05
Q927571		0.11	7.06	7.3	2150	1.59	0.39	2.49	0.13	50.1	7.3	10	15.45	10.2	2.76	16.65
Q927572		1.59	7.28	30.0	1620	1.43	0.30	2.21	0.47	42.8	8.1	8	23.0	44.4	2.91	17.25
Q927573		0.11	7.43	10.4	2190	1.36	0.19	2.14	0.17	45.2	7.2	11	14.75	11.0	2.98	17.60
Q927574		1.41	7.50	103.5	750	1.35	0.35	3.22	0.92	23.7	18.9	5	16.60	22.6	6.57	18.85
Q927575		5.22	6.76	1140	1040	1.23	0.26	2.68	37.1	41.2	9.2	7	16.50	21.9	3.35	17.10
Q927576		0.21	6.97	17.7	1880	1.28	0.20	2.07	0.58	38.4	6.9	9	16.90	7.2	2.83	16.75
Q927577		0.11	7.27	9.4	2230	1.62	0.19	2.53	0.18	48.4	6.8	10	12.80	12.9	2.98	16.80
Q927578		0.08	7.42	8.7	2280	1.70	0.20	2.58	0.14	52.9	7.3	10	13.40	13.3	3.03	17.40
Q927579		0.18	6.78	16.7	2350	1.48	0.19	2.63	0.38	45.8	7.5	9	16.80	14.5	2.92	16.65
Q927580		4.25	6.51	683	610	1.40	3.75	1.99	11.10	50.6	12.3	24	13.40	303	4.85	15.60
Q927581		0.09	6.84	6.1	2170	1.67	0.19	2.48	0.11	49.7	7.4	12	16.10	15.8	3.01	17.00
Q927582		0.12	7.20	8.3	1540	1.28	0.20	1.48	0.22	49.4	5.9	9	20.1	21.9	2.71	16.05
Q927583		0.07	7.13	5.4	2080	1.53	0.15	2.49	0.13	47.3	6.6	9	13.20	18.3	2.95	16.05
Q927584		0.19	6.95	5.8	2340	1.50	0.18	2.55	0.14	44.0	6.8	10	14.00	48.5	2.89	16.15
Q927585		0.14	7.01	5.8	2370	1.49	0.15	2.48	0.14	46.6	6.6	9	14.15	57.6	2.83	16.05
Q927586		0.13	7.39	6.6	2120	1.69	0.24	2.49	0.12	50.7	8.0	11	13.30	46.3	3.00	16.35
Q927587		0.16	7.16	10.8	2480	1.50	0.41	2.21	0.14	44.3	6.9	9	12.40	11.5	3.23	16.15
Q927588		0.09	7.31	7.3	2670	1.71	0.48	2.50	0.11	50.9	6.0	10	9.97	3.1	3.28	16.40
Q927589		0.21	7.06	12.1	2770	1.85	0.55	2.45	0.57	48.4	15.3	9	9.16	2.7	3.29	16.15
Q927590		0.61	8.41	47.2	1590	1.06	0.61	1.92	2.62	61.7	15.5	7	9.00	2.7	6.99	17.70
Q927591		0.88	8.11	70.7	610	1.26	0.66	2.34	2.49	53.9	48.4	6	12.85	5.9	8.16	17.95
Q927592		0.95	7.79	118.0	410	1.21	2.03	0.66	1.12	41.7	40.3	6	12.30	4.9	9.54	22.3
Q927593		0.08	6.82	10.4	2430	1.32	0.24	2.45	0.16	41.7	5.2	8	11.60	7.2	3.15	16.30
Q927594		0.07	7.32	8.0	2130	1.82	0.23	2.12	0.12	44.5	6.7	8	14.75	11.2	3.05	15.25
Q927595		1.65	6.67	339	1040	1.23	2.50	3.60	1.30	48.9	10.4	10	8.96	6.2	3.46	16.45
Q927596		>100	3.92	>10000	460	0.86	0.96	2.81	184.5	25.0	3.2	4	7.07	761	7.22	10.25
Q927597		0.37	0.06	5.3	30	<0.05	0.03	20.7	0.22	1.17	0.6	1	0.13	2.7	0.47	0.22
Q927598		1.22	7.17	27.1	1970	1.17	0.97	2.15	0.72	47.9	10.3	9	12.85	9.6	3.35	16.45
Q927599		0.28	7.20	9.8	2390	1.26	0.60	2.04	0.12	44.4	8.1	8	11.70	43.7	3.24	15.75
Q927600		0.05	0.06	<0.2	20	0.05	0.05	20.7	0.08	1.12	0.7	1	0.13	3.5	0.46	0.22

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14114871**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
Q927565		0.09	1.2	0.037	2.26	19.8	431	0.62	1200	1.02	0.03	7.6	2.0	530	18.3	90.8
Q927566		0.10	1.0	0.048	2.37	26.1	113.0	0.83	1620	1.59	0.02	7.4	2.2	510	43.5	132.0
Q927567		0.11	1.0	0.058	2.95	16.1	82.2	0.49	735	0.85	0.45	7.4	1.3	540	19.0	110.5
Q927568		0.10	1.0	0.262	2.63	26.3	28.4	0.99	1240	21.3	0.09	6.4	2.9	490	500	148.5
Q927569		0.13	1.1	0.045	2.69	23.7	21.6	0.72	648	1.15	2.04	8.2	2.1	580	21.2	112.5
Q927570		0.07	1.0	0.777	2.75	24.2	18.0	0.74	1720	8.72	0.12	6.2	11.3	510	1235	160.5
Q927571		0.11	1.2	0.038	2.65	25.8	13.5	0.71	594	1.11	2.22	8.1	2.2	550	19.1	112.5
Q927572		0.10	1.2	0.063	3.24	21.1	52.7	0.75	1040	1.01	0.41	8.5	2.9	550	20.7	140.0
Q927573		0.10	1.1	0.058	2.81	22.3	19.8	0.65	733	1.88	1.49	8.9	2.7	600	19.2	115.0
Q927574		0.06	1.2	0.137	3.44	10.2	44.3	1.54	4600	0.76	0.05	4.8	4.2	1100	115.0	149.5
Q927575		0.07	1.0	0.105	2.94	20.0	47.4	0.86	3760	3.14	0.05	7.8	2.7	610	840	118.5
Q927576		0.10	1.0	0.072	2.90	18.3	44.8	0.66	1040	7.41	0.53	8.5	2.6	560	39.9	110.5
Q927577		0.13	1.1	0.056	2.83	24.0	21.1	0.82	682	9.99	2.11	8.3	2.1	590	19.7	119.0
Q927578		0.11	1.2	0.068	2.88	26.9	22.8	0.83	693	11.40	2.15	8.6	2.5	620	18.8	124.0
Q927579		0.13	1.0	0.060	2.86	22.0	31.0	0.76	849	1.02	1.79	7.5	2.1	570	29.6	113.5
Q927580		0.10	1.2	0.314	2.85	28.8	24.6	0.76	1850	13.70	0.15	6.0	14.5	510	466	162.0
Q927581		0.11	1.2	0.077	2.54	24.7	17.3	0.74	618	9.96	2.29	8.3	2.0	590	15.9	109.0
Q927582		0.10	1.0	0.066	2.63	26.4	89.5	0.54	738	3.54	0.75	7.6	2.0	560	15.0	115.0
Q927583		0.11	1.1	0.059	2.73	23.3	15.8	0.75	594	1.77	2.23	7.8	2.0	590	16.9	107.0
Q927584		0.11	1.1	0.060	2.74	22.1	19.9	0.76	598	1.22	2.18	7.7	2.1	580	17.2	100.0
Q927585		0.14	1.1	0.057	2.69	22.9	19.5	0.74	594	1.28	2.16	7.6	1.9	570	17.0	104.0
Q927586		0.13	1.1	0.107	2.77	26.2	15.4	0.78	702	1.75	2.28	7.9	2.0	590	14.9	116.5
Q927587		0.11	1.1	0.144	3.29	21.3	31.4	0.73	943	1.15	1.21	7.7	2.0	560	13.3	127.5
Q927588		0.12	1.2	0.167	3.06	26.6	12.0	0.72	997	0.98	1.96	7.9	1.9	600	12.7	128.5
Q927589		0.12	1.0	0.196	3.51	24.2	19.4	0.76	1420	1.30	1.30	7.9	1.7	570	26.3	166.0
Q927590		0.09	0.9	0.346	1.93	33.6	42.6	0.90	2880	0.53	3.09	8.1	1.8	650	59.3	85.4
Q927591		0.10	0.8	0.459	1.85	27.9	126.5	1.12	4410	0.08	1.48	8.0	1.6	580	48.7	90.4
Q927592		0.07	0.7	0.491	3.57	19.6	75.4	0.78	3390	0.16	0.04	5.7	1.9	530	33.2	173.0
Q927593		0.08	1.1	0.095	3.24	19.7	35.9	0.73	838	0.93	0.75	8.0	1.9	600	14.9	120.0
Q927594		0.13	1.3	0.039	2.92	22.2	23.7	0.72	607	1.11	1.56	8.1	1.9	570	18.2	118.5
Q927595		0.10	1.4	0.205	3.32	26.6	8.7	0.70	5280	1.80	0.04	6.4	2.6	580	114.5	182.0
Q927596		0.05	0.7	0.342	1.69	10.8	16.0	0.75	9760	12.30	0.02	4.1	0.9	300	7500	107.5
Q927597		0.12	<0.1	0.006	0.02	0.6	1.0	13.00	217	0.05	<0.01	0.1	0.8	150	8.1	1.1
Q927598		0.13	1.2	0.101	3.44	25.1	25.3	0.74	1360	2.22	0.82	7.3	2.2	580	36.6	145.5
Q927599		0.12	1.1	0.104	3.15	22.9	17.3	0.74	744	1.65	1.45	7.4	2.0	570	15.3	126.0
Q927600		0.17	<0.1	0.005	0.03	0.5	0.9	12.85	201	0.08	0.01	0.1	0.8	230	2.0	1.1

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14114871**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
Q927565		<0.002	0.44	24.0	9.5	<1	1.7	246	0.69	<0.05	11.0	0.230	2.26	4.2	62	4.8
Q927566		<0.002	0.66	27.2	9.6	<1	2.1	166.5	0.61	<0.05	12.5	0.222	2.41	4.3	61	11.9
Q927567		<0.002	0.04	12.00	8.9	<1	1.7	188.5	0.65	<0.05	10.0	0.234	1.70	3.8	63	2.9
Q927568		0.002	1.24	32.6	8.4	<1	2.8	220	0.56	0.39	10.6	0.203	2.24	4.7	60	11.6
Q927569		<0.002	<0.01	2.29	10.5	<1	1.7	354	0.69	<0.05	12.7	0.250	1.20	4.5	68	3.0
Q927570		0.002	4.39	62.4	9.0	2	7.9	92.6	0.51	1.12	11.1	0.199	2.49	5.2	60	5.9
Q927571		<0.002	<0.01	1.77	10.6	<1	1.6	379	0.67	<0.05	13.3	0.236	1.17	4.8	65	2.8
Q927572		<0.002	0.15	26.7	9.6	1	1.9	164.5	0.72	<0.05	11.5	0.239	2.42	4.5	67	5.3
Q927573		<0.002	0.04	9.80	10.5	1	1.8	282	0.70	<0.05	11.4	0.265	1.49	3.2	70	2.4
Q927574		<0.002	0.81	18.65	12.0	1	2.4	122.5	0.27	<0.05	2.3	0.357	3.61	1.6	136	2.7
Q927575		0.002	0.81	34.7	9.7	<1	2.3	120.0	0.62	<0.05	9.1	0.254	2.52	3.4	73	3.4
Q927576		<0.002	0.10	17.20	9.5	1	1.8	166.5	0.66	<0.05	10.6	0.253	1.98	3.4	69	4.0
Q927577		0.002	0.03	2.69	11.3	<1	2.0	368	0.68	<0.05	13.6	0.262	1.36	4.6	72	2.1
Q927578		0.003	0.03	2.73	11.9	<1	2.1	377	0.73	<0.05	14.0	0.265	1.39	4.9	73	4.3
Q927579		<0.002	0.08	4.96	10.8	<1	2.1	335	0.60	<0.05	12.6	0.245	1.50	4.3	68	2.3
Q927580		0.003	2.58	28.2	9.1	1	5.6	106.5	0.52	0.38	11.5	0.203	2.40	5.4	64	5.7
Q927581		<0.002	0.04	4.49	12.2	1	2.4	366	0.70	<0.05	13.7	0.254	1.13	4.5	71	2.6
Q927582		<0.002	0.02	22.0	10.1	<1	2.0	159.5	0.62	<0.05	13.6	0.251	1.27	3.4	65	3.5
Q927583		<0.002	0.01	2.34	10.2	<1	1.8	349	0.65	<0.05	12.7	0.253	1.10	4.2	68	1.5
Q927584		<0.002	0.01	3.21	10.0	<1	1.6	372	0.64	<0.05	12.1	0.248	1.12	4.0	67	2.9
Q927585		<0.002	0.01	3.43	10.1	1	1.7	366	0.63	<0.05	13.3	0.248	1.18	4.5	66	1.8
Q927586		<0.002	0.02	3.17	10.8	1	1.7	340	0.65	<0.05	13.4	0.257	1.23	4.7	68	3.2
Q927587		<0.002	0.16	6.91	9.8	<1	1.5	216	0.71	<0.05	12.0	0.239	1.80	4.1	66	3.8
Q927588		<0.002	0.04	3.16	10.8	1	1.8	302	0.68	<0.05	12.6	0.253	1.65	5.1	70	3.4
Q927589		<0.002	0.26	4.61	10.6	1	1.6	220	0.65	0.06	12.9	0.241	2.38	4.4	65	2.8
Q927590		<0.002	1.17	8.00	12.2	1	1.6	176.5	0.72	0.07	15.4	0.264	1.32	4.6	63	23.2
Q927591		<0.002	1.16	15.05	11.2	<1	1.5	146.0	0.69	<0.05	14.6	0.243	1.63	4.0	60	27.8
Q927592		<0.002	3.53	10.10	10.5	<1	2.9	52.8	0.57	<0.05	9.9	0.219	3.06	4.6	84	26.9
Q927593		<0.002	0.08	6.58	9.7	<1	1.7	221	0.70	0.05	11.3	0.250	1.71	3.4	67	2.0
Q927594		<0.002	0.01	6.87	10.1	<1	1.6	314	0.72	<0.05	12.8	0.252	1.29	4.8	68	1.6
Q927595		0.003	1.83	27.4	9.9	<1	2.5	78.7	0.56	0.25	11.2	0.240	2.66	6.3	69	3.0
Q927596		<0.002	7.41	1015	5.7	<1	8.9	71.7	0.38	<0.05	6.6	0.129	2.15	3.0	36	4.7
Q927597		<0.002	<0.01	2.11	0.1	<1	<0.2	46.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
Q927598		<0.002	0.40	15.70	10.1	1	1.6	213	0.61	0.14	12.6	0.243	2.03	4.5	71	2.6
Q927599		<0.002	0.13	8.53	9.7	<1	1.8	266	0.64	0.08	11.9	0.243	1.54	4.7	66	2.6
Q927600		<0.002	<0.01	0.29	0.2	<1	<0.2	45.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2	0.1

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14114871**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124433

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Zn-OG62
	Analyte	Y	Zn	Zr	Ag	Zn
	Units	ppm	ppm	ppm	ppm	%
	LOR	0.1	2	0.5	1	0.001
Q927565		12.8	42	28.9		
Q927566		14.6	108	26.1		
Q927567		13.2	62	25.7		
Q927568		14.9	822	25.4		
Q927569		16.9	63	27.3		
Q927570		11.4	2280	28.0		
Q927571		17.5	51	29.6		
Q927572		14.3	72	31.2		
Q927573		15.5	57	30.3		
Q927574		12.9	217	45.7		
Q927575		14.2	2370	28.8		
Q927576		13.3	84	27.4		
Q927577		17.7	55	27.1		
Q927578		18.6	53	29.0		
Q927579		16.0	70	25.6		
Q927580		11.9	859	29.2		
Q927581		18.4	52	28.2		
Q927582		14.9	53	25.4		
Q927583		16.3	47	27.2		
Q927584		15.8	53	26.2		
Q927585		16.0	50	27.2		
Q927586		17.0	48	28.0		
Q927587		13.9	55	27.7		
Q927588		16.5	50	28.7		
Q927589		14.9	85	24.1		
Q927590		16.5	237	22.8		
Q927591		12.9	284	20.2		
Q927592		7.6	160	17.3		
Q927593		13.5	51	27.3		
Q927594		15.6	46	30.5		
Q927595		17.3	236	37.3		
Q927596		9.1	>10000	15.7	420	1.765
Q927597		0.8	36	<0.5		
Q927598		14.2	122	32.3		
Q927599		13.6	57	26.4		
Q927600		0.8	14	<0.5		

Comments: **RE-ANALYSIS RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH14114871**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2014
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH14124433

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	FND-02	ME-MS61	ME-OG62
Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125360

Project: KLAZA

P.O. No.: BATCH 167

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125360

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935913		0.94	0.005	0.09	6.40	10.8	1250	1.31	0.95	3.55	0.27	42.1	6.4	7	21.0	17.7
Q935914		1.99	<0.005	0.05	6.48	5.4	2200	1.33	0.19	3.73	0.16	44.5	7.6	8	14.85	5.5
Q935915		5.26	<0.005	0.16	6.61	34.0	2430	1.53	0.29	2.77	0.32	39.5	6.1	7	18.10	9.4
Q935916		5.39	0.050	0.59	5.95	189.0	1010	1.40	0.57	2.12	0.37	36.8	7.4	6	12.25	9.0
Q935917		1.97	0.357	10.85	6.33	803	1090	1.31	1.06	2.06	22.1	43.2	7.2	6	10.85	141.0
Q935918		5.97	<0.005	0.02	0.07	0.8	20	0.05	0.02	19.95	0.05	1.05	0.7	<1	0.13	2.4
Q935919		0.95	0.017	0.29	6.35	107.5	1350	1.33	0.28	3.34	0.62	47.3	7.8	8	16.80	6.6
Q935920		6.11	<0.005	0.12	7.53	10.1	2090	1.04	0.71	0.84	0.13	50.9	6.4	8	16.85	8.2
Q935921		8.14	<0.005	0.11	7.59	29.9	1740	1.22	0.32	1.39	0.25	43.0	7.0	9	14.25	9.4
Q935922		2.23	<0.005	0.17	7.20	62.6	1540	1.43	0.36	1.54	0.34	48.8	6.7	7	14.05	14.1
Q935923		3.54	0.014	0.38	5.58	91.2	1450	1.23	0.32	2.54	0.52	38.1	6.6	7	13.10	4.8
Q935924		4.52	<0.005	0.14	7.67	8.4	1680	1.27	0.27	1.71	0.14	50.4	7.5	10	12.30	8.5
Q935925		7.37	<0.005	0.08	7.28	10.1	2950	1.57	0.48	2.72	0.09	45.1	7.7	8	18.05	15.0
Q935926		3.38	<0.005	0.04	7.41	50.9	450	1.55	0.08	4.52	0.09	67.8	11.3	42	29.3	14.1
Q935927		5.94	<0.005	0.11	7.56	12.7	2140	1.21	0.54	1.66	0.07	51.0	7.5	9	15.35	11.8
Q935928		3.27	<0.005	0.11	8.18	9.3	2460	1.19	0.32	1.17	0.09	55.4	7.6	9	19.20	9.1
Q935929		0.29	0.372	4.30	6.84	723	270	1.36	3.24	2.05	10.40	49.2	12.1	23	13.35	315
Q935930		0.86	0.028	0.82	6.01	159.5	2560	1.25	0.68	2.99	0.37	45.2	9.1	6	14.40	8.5
Q935931		7.15	<0.005	0.08	7.82	5.4	2140	1.40	0.47	2.03	0.10	49.4	7.3	9	16.35	11.5
Q935932		6.36	<0.005	0.09	7.54	4.4	2360	1.65	0.41	2.63	0.10	49.3	7.4	12	11.85	9.0
Q935933		3.28	<0.005	0.17	6.73	9.0	1620	1.52	0.47	3.37	0.07	41.7	6.8	10	19.95	6.3
Q935934		2.99	<0.005	0.32	6.97	14.0	1410	1.44	0.85	3.35	0.12	44.8	12.2	9	20.6	18.6
Q935935		1.40	<0.005	0.18	7.43	35.0	840	1.64	0.42	2.27	0.18	48.3	7.9	9	15.70	4.8
Q935936		5.58	<0.005	<0.01	0.08	<0.2	30	<0.05	0.02	21.0	0.04	1.05	0.7	<1	0.32	1.0
Q935937		3.03	0.005	0.24	6.59	29.3	940	1.30	0.58	2.33	0.42	49.6	6.7	8	15.70	5.5
Q935938		2.64	0.006	0.29	6.90	37.4	830	1.29	0.28	2.06	0.45	49.9	9.8	7	19.65	23.1
Q935939		3.07	<0.005	0.23	6.84	30.1	940	1.42	0.23	2.14	0.39	46.3	6.9	8	18.55	7.8
Q935940		2.28	<0.005	0.42	6.46	29.3	730	1.29	0.71	1.53	0.41	47.5	6.5	7	13.75	8.4
Q935941		6.58	<0.005	0.13	7.48	10.4	2790	1.32	0.54	1.23	0.18	50.5	6.5	11	17.30	9.7
Q935942		<0.02	<0.005	0.13	7.67	10.5	2930	1.36	0.57	1.30	0.14	49.9	6.8	9	17.75	8.8
Q935943		1.78	<0.005	0.21	7.36	52.2	1500	1.53	0.81	1.25	0.19	43.0	7.3	7	16.30	14.2
Q935944		0.81	0.237	2.56	5.83	617	390	1.38	0.97	2.53	6.16	42.7	7.2	5	16.00	9.8
Q935945		5.06	0.008	0.43	7.63	25.7	1580	1.58	1.07	1.21	0.20	48.6	6.8	8	16.60	12.0
Q935946		2.87	<0.005	0.13	7.31	11.7	1240	1.30	0.60	1.18	0.19	44.1	6.8	7	16.00	9.0
Q935947		0.29	0.992	11.25	6.56	1555	150	1.38	11.60	1.81	33.2	47.9	17.7	17	13.95	272
Q935948		3.10	0.005	0.35	7.24	27.8	1120	1.50	0.78	1.58	0.39	45.2	7.0	8	16.40	13.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125360

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935913		2.68	16.50	0.10	1.2	0.040	1.73	20.5	36.6	0.58	1020	0.25	0.63	7.0	2.1	540
Q935914		2.63	14.75	0.12	1.3	0.045	2.23	21.9	19.2	0.86	898	0.32	0.75	7.4	2.3	610
Q935915		2.68	15.45	0.10	1.3	0.034	3.00	19.2	18.1	0.58	1380	1.01	0.48	7.2	1.9	500
Q935916		2.49	13.55	0.09	1.0	0.039	2.07	17.1	47.3	0.47	3010	1.65	0.02	6.5	2.2	520
Q935917		3.45	13.85	0.06	1.0	0.131	3.03	22.9	13.5	0.61	6760	2.97	0.03	6.2	2.0	470
Q935918		0.45	0.23	0.24	<0.1	0.005	0.02	0.5	0.9	12.60	201	0.72	<0.01	0.2	1.2	190
Q935919		3.37	12.85	0.12	1.1	0.040	3.33	25.4	25.7	0.86	2910	1.27	0.07	6.1	3.3	470
Q935920		2.58	16.70	0.10	1.3	0.039	2.80	25.8	35.5	0.30	885	1.00	0.28	8.2	2.0	600
Q935921		2.81	16.65	0.07	1.2	0.044	3.00	21.1	37.6	0.45	1120	1.18	0.13	8.1	2.3	610
Q935922		2.57	17.40	0.18	1.4	0.051	2.85	23.9	79.6	0.52	1120	1.01	0.08	8.6	2.5	600
Q935923		2.55	12.60	0.06	0.8	0.041	2.24	20.8	48.4	0.81	2410	1.16	0.03	5.1	2.4	390
Q935924		3.05	16.60	0.10	1.3	0.046	3.02	25.0	27.2	0.59	1060	1.05	0.38	8.0	2.5	640
Q935925		2.98	17.35	0.10	1.2	0.046	2.97	22.2	14.8	0.80	778	0.79	1.66	7.5	2.3	560
Q935926		3.48	17.90	0.12	3.6	0.042	1.30	33.8	249	1.35	778	0.96	0.05	10.1	15.7	1710
Q935927		2.92	16.30	0.10	1.3	0.042	3.02	25.7	26.3	0.72	785	0.94	1.08	8.4	2.5	630
Q935928		2.90	17.40	0.08	1.4	0.038	3.06	28.4	91.1	0.63	1140	1.04	0.15	8.7	2.4	660
Q935929		5.04	15.50	0.06	1.0	0.299	3.00	27.3	27.0	0.79	1880	14.00	0.15	6.0	13.7	530
Q935930		2.59	13.30	0.08	1.0	0.027	2.77	24.2	51.0	0.97	3790	0.83	0.06	6.2	2.6	440
Q935931		2.96	17.55	0.07	1.4	0.036	2.85	23.4	38.7	0.67	793	1.06	1.36	8.6	2.4	630
Q935932		2.88	16.55	0.10	1.4	0.034	2.72	23.7	18.6	0.81	676	0.83	2.28	8.1	2.4	600
Q935933		2.57	15.05	0.08	1.1	0.077	2.63	20.0	17.1	0.96	934	1.92	1.00	7.3	2.0	550
Q935934		2.87	15.95	0.10	1.1	0.049	2.94	22.6	23.2	0.62	853	3.09	0.22	7.2	2.3	560
Q935935		2.66	17.15	0.08	1.2	0.056	2.98	24.3	68.0	0.86	1840	1.27	0.04	7.4	2.6	570
Q935936		0.48	0.26	0.26	<0.1	<0.005	0.04	0.5	1.0	13.10	208	0.11	<0.01	0.2	1.4	200
Q935937		2.49	14.20	0.12	1.1	0.042	2.57	26.0	41.1	0.85	2270	1.13	0.03	6.7	2.5	510
Q935938		3.19	15.00	0.09	1.2	0.088	2.93	25.4	27.0	0.76	2820	2.35	0.03	7.7	2.5	620
Q935939		2.79	15.70	0.08	1.1	0.079	3.03	24.7	26.1	0.87	2270	1.48	0.03	6.8	2.3	510
Q935940		2.43	14.40	0.09	1.4	0.056	2.43	25.4	63.6	0.57	1640	1.49	0.03	7.1	2.3	500
Q935941		2.59	16.35	0.07	1.4	0.046	2.53	25.2	87.2	0.49	1160	1.24	0.06	8.2	2.0	630
Q935942		2.64	17.00	0.11	1.3	0.045	2.65	25.1	81.2	0.52	1140	1.37	0.07	8.2	2.0	620
Q935943		2.49	16.65	0.08	1.1	0.041	2.65	20.8	147.0	0.50	1720	0.65	0.06	7.6	2.1	610
Q935944		2.79	13.40	0.07	0.9	0.050	2.72	22.8	35.0	0.85	5340	2.49	0.03	5.9	2.6	450
Q935945		2.66	17.00	0.07	1.1	0.053	3.24	24.4	66.4	0.52	1820	1.07	0.06	8.0	2.2	620
Q935946		2.69	16.55	0.07	1.2	0.044	2.65	21.6	43.2	0.49	1340	1.06	0.07	8.0	2.0	600
Q935947		6.41	15.70	0.07	1.0	0.820	2.80	25.1	21.0	0.76	1740	9.21	0.12	6.4	11.8	540
Q935948		2.62	16.65	0.07	1.2	0.050	2.63	21.7	93.3	0.58	1970	0.84	0.04	8.0	2.4	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125360

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935913		22.1	75.3	<0.002	0.07	18.75	9.8	1	1.7	218	0.56	<0.05	11.5	0.238	1.39	4.4
Q935914		16.0	73.5	<0.002	0.05	7.64	9.8	1	1.6	239	0.57	<0.05	10.7	0.250	1.27	2.9
Q935915		15.8	139.0	<0.002	0.16	13.55	8.6	1	2.0	122.5	0.67	<0.05	11.7	0.217	2.09	4.0
Q935916		43.4	93.5	<0.002	0.38	30.1	8.3	1	1.6	133.5	0.52	<0.05	10.2	0.218	1.82	4.2
Q935917		1680	173.0	<0.002	1.26	331	8.4	1	1.6	39.2	0.50	<0.05	11.9	0.202	2.53	6.2
Q935918		2.2	1.0	<0.002	<0.01	0.29	0.2	<1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935919		27.5	161.0	<0.002	0.72	24.5	8.1	1	1.2	88.3	0.53	<0.05	11.7	0.204	2.49	4.1
Q935920		16.5	116.5	<0.002	0.04	19.95	10.5	1	1.7	80.4	0.64	<0.05	13.8	0.262	1.38	3.3
Q935921		15.1	124.5	<0.002	0.08	23.7	10.6	1	1.8	79.4	0.62	<0.05	11.4	0.265	1.59	4.4
Q935922		23.6	128.5	<0.002	0.16	27.0	10.8	1	2.3	95.8	0.70	<0.05	12.9	0.251	1.83	4.5
Q935923		18.5	125.5	<0.002	0.40	41.2	7.5	1	1.2	77.5	0.39	<0.05	9.5	0.173	1.74	6.3
Q935924		15.2	132.5	<0.002	0.06	18.10	11.1	1	2.0	85.1	0.62	<0.05	13.1	0.285	1.76	3.3
Q935925		13.5	122.0	<0.002	0.06	4.84	10.0	1	1.8	233	0.58	<0.05	12.8	0.244	1.51	3.7
Q935926		11.4	48.6	<0.002	0.01	10.50	8.3	1	1.2	934	0.58	<0.05	7.0	0.435	0.84	2.6
Q935927		15.8	122.0	<0.002	0.03	10.40	10.9	1	1.7	167.5	0.68	<0.05	14.0	0.271	1.50	4.3
Q935928		15.8	123.5	<0.002	0.09	16.45	11.3	1	1.8	101.5	0.72	<0.05	15.9	0.278	1.52	4.5
Q935929		482	155.0	0.002	2.77	28.2	9.1	1	5.6	111.0	0.47	0.32	11.1	0.215	2.46	4.9
Q935930		33.9	129.5	<0.002	0.79	41.1	8.1	1	1.3	111.0	0.51	<0.05	11.1	0.200	2.00	9.7
Q935931		18.2	108.5	<0.002	0.03	9.82	11.1	1	1.8	251	0.72	<0.05	12.8	0.279	1.33	3.3
Q935932		18.9	102.0	<0.002	0.02	2.37	10.5	1	1.7	393	0.66	<0.05	12.4	0.257	1.18	3.6
Q935933		7.0	107.0	<0.002	0.21	21.6	9.0	1	1.9	143.0	0.58	<0.05	11.5	0.238	1.70	6.3
Q935934		8.9	126.5	<0.002	0.24	61.9	9.3	1	1.6	88.6	0.56	<0.05	12.1	0.240	1.55	3.7
Q935935		22.0	136.5	<0.002	0.24	15.40	9.9	1	1.9	91.5	0.60	<0.05	12.7	0.244	2.30	9.2
Q935936		1.3	2.1	<0.002	0.01	0.09	0.2	<1	<0.2	47.4	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q935937		34.5	134.5	<0.002	0.22	29.5	9.2	1	1.6	79.8	0.54	<0.05	12.4	0.210	2.15	12.1
Q935938		30.9	151.0	<0.002	0.35	26.1	11.3	1	2.1	54.7	0.57	<0.05	11.9	0.262	2.16	5.5
Q935939		30.3	153.0	<0.002	0.28	20.4	9.1	1	2.1	56.5	0.54	<0.05	12.0	0.230	2.16	7.8
Q935940		45.0	121.5	<0.002	0.23	25.1	8.5	1	1.7	109.0	0.63	<0.05	12.6	0.212	2.26	5.7
Q935941		14.3	107.5	<0.002	0.12	21.0	11.1	1	2.2	175.0	0.68	<0.05	13.3	0.254	1.59	5.3
Q935942		14.6	113.0	<0.002	0.12	21.3	11.1	1	2.1	133.0	0.66	<0.05	12.9	0.258	1.56	5.0
Q935943		14.8	107.0	<0.002	0.28	24.9	10.2	<1	2.2	103.5	0.57	<0.05	11.6	0.253	1.78	3.5
Q935944		277	150.0	<0.002	1.63	46.8	8.3	1	2.1	74.1	0.42	<0.05	10.3	0.188	2.26	6.9
Q935945		18.1	147.0	<0.002	0.38	20.2	10.7	1	2.1	103.5	0.61	<0.05	13.9	0.262	2.18	5.8
Q935946		12.9	110.0	<0.002	0.10	26.7	10.4	1	2.0	83.1	0.64	<0.05	12.6	0.256	1.55	4.4
Q935947		1255	162.5	<0.002	4.70	67.6	9.4	1	8.2	98.6	0.52	0.96	11.3	0.206	2.53	5.2
Q935948		20.7	112.0	<0.002	0.24	28.8	10.2	1	2.0	109.0	0.63	<0.05	13.2	0.255	1.98	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125360

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935913		81	2.1	13.5	81	35.1
Q935914		65	1.5	14.5	66	39.2
Q935915		66	2.2	13.5	59	36.9
Q935916		61	3.3	12.0	76	29.7
Q935917		56	5.5	11.5	2590	28.6
Q935918		1	0.1	0.7	16	<0.5
Q935919		56	3.8	16.5	87	32.2
Q935920		70	4.5	13.7	58	39.2
Q935921		68	3.4	13.8	67	37.3
Q935922		66	3.4	16.1	66	42.0
Q935923		58	2.2	12.4	75	23.0
Q935924		75	2.6	14.1	60	35.9
Q935925		73	2.3	13.6	46	34.9
Q935926		89	0.9	11.7	77	158.5
Q935927		70	2.2	16.6	47	37.3
Q935928		74	3.2	16.6	49	40.1
Q935929		67	5.2	11.2	902	30.3
Q935930		56	2.8	15.0	51	27.5
Q935931		76	3.1	17.0	53	37.0
Q935932		70	1.5	16.6	49	36.9
Q935933		62	1.9	11.7	43	33.3
Q935934		64	2.6	11.0	52	33.0
Q935935		73	2.5	14.0	50	35.0
Q935936		2	0.1	0.7	13	<0.5
Q935937		62	2.3	14.1	81	31.6
Q935938		75	3.0	16.0	82	33.8
Q935939		67	2.5	14.3	106	31.9
Q935940		58	3.0	13.4	68	40.2
Q935941		68	5.3	14.9	58	39.0
Q935942		70	5.5	15.3	54	37.9
Q935943		68	4.4	13.2	52	32.3
Q935944		54	3.2	11.3	694	25.8
Q935945		69	3.8	13.9	56	33.8
Q935946		67	3.7	15.2	61	36.2
Q935947		61	5.7	11.2	2370	29.6
Q935948		69	4.0	14.4	70	37.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125360

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

CERTIFICATE WH14125361

Project: KLAZA

P.O. No.: BATCH 166

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

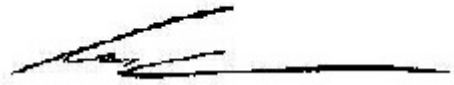
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125361

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933948		13.26	<0.005	0.06	6.60	15.7	930	1.86	0.06	3.16	0.10	46.7	5.3	21	32.1	6.2
Q933949		12.24	<0.005	0.07	6.93	15.5	2210	1.84	0.08	2.58	0.12	51.1	5.4	28	31.0	8.8
Q933950		2.37	0.388	3.21	7.20	146.5	3290	1.80	2.15	1.93	5.99	53.5	10.0	16	23.9	65.6
Q933951		8.69	<0.005	0.10	7.70	32.7	910	1.62	0.38	1.15	0.22	66.7	5.6	15	17.85	8.4
Q933952		2.97	<0.005	0.23	6.53	39.3	290	1.36	0.84	0.78	0.34	58.2	4.7	14	17.70	13.2
Q933953		4.11	<0.005	0.28	7.52	11.1	910	1.11	0.19	0.81	0.21	52.4	6.1	16	15.45	11.3
Q933954		<0.02	<0.005	0.12	7.43	10.5	890	1.19	0.27	0.81	0.24	54.3	6.5	19	16.20	11.9
Q933955		4.67	<0.005	0.08	7.08	10.1	1980	1.56	0.30	2.53	0.20	44.2	7.1	13	13.40	8.3
Q933956		11.52	<0.005	0.07	7.70	7.0	2220	1.61	0.22	2.69	0.15	49.0	7.6	13	9.84	7.0
Q933957		8.82	<0.005	0.06	7.47	6.4	2120	1.63	0.10	2.53	0.09	48.0	7.0	16	9.41	6.8
Q933958		0.30	0.365	4.46	6.87	710	470	1.36	3.38	2.05	10.35	47.3	11.7	26	13.40	321
Q933959		7.21	0.005	0.14	8.04	21.0	2310	1.27	0.21	1.19	1.08	54.8	6.5	19	15.70	8.2
Q933960		6.56	<0.005	0.12	7.68	4.6	2240	1.60	0.11	2.46	0.10	50.2	6.9	14	7.87	6.8
Q933961		3.91	1.085	75.9	6.60	708	730	1.43	4.53	2.03	40.4	46.7	6.7	9	17.70	227
Q933962		5.37	0.005	0.30	6.85	53.9	2490	1.49	0.22	2.37	0.31	45.5	7.2	11	17.75	11.9
Q933963		3.74	0.007	0.35	6.86	65.8	2010	1.47	0.24	2.51	0.41	45.2	7.8	8	19.55	11.9
Q933964		4.46	<0.005	0.14	7.41	8.9	2110	1.62	0.20	2.47	0.12	44.8	6.6	12	20.3	18.3
Q933965		2.45	0.009	0.26	7.09	30.9	2660	1.50	0.20	3.41	0.57	50.8	8.3	10	27.1	11.7
Q933966		2.93	<0.005	0.07	7.81	8.8	2250	1.63	0.19	2.78	0.18	49.8	6.7	11	17.05	10.4
Q933967		0.29	0.930	11.85	6.67	1540	620	1.39	12.40	1.81	32.6	47.4	17.8	16	14.15	283
Q933968		2.12	0.168	0.61	6.99	375	2220	1.50	0.36	2.79	1.09	45.6	3.9	11	16.45	5.4
Q933969		3.80	0.006	0.30	7.41	139.5	1660	1.44	0.28	2.49	0.20	43.6	7.1	11	23.2	18.5
Q933970		8.79	<0.005	0.08	7.47	13.5	2100	1.24	0.13	1.68	0.44	39.5	5.9	14	18.05	8.8
Q933971		5.84	0.039	0.49	7.17	125.5	1250	1.49	0.22	2.10	2.09	43.4	6.2	11	21.3	20.7
Q933972		1.40	0.043	1.60	6.99	197.0	1640	1.56	0.44	2.35	10.45	46.7	4.8	10	17.10	23.3
Q933973		6.64	<0.005	0.02	0.07	0.2	170	0.05	0.01	20.6	0.07	1.23	0.7	<1	0.16	1.6
Q933974		2.37	1.540	2.42	6.98	3180	800	1.62	0.28	1.93	4.74	46.5	6.3	9	17.90	27.5
Q933975		6.82	<0.005	0.12	7.28	17.8	1750	1.55	0.16	2.08	0.19	44.0	5.8	12	22.6	17.8
Q933976		1.73	0.022	0.56	7.15	345	2960	1.62	0.22	2.74	0.16	50.0	6.2	11	18.60	8.7
Q933977		5.45	<0.005	0.32	7.33	149.0	2020	1.65	0.26	2.65	0.19	47.6	8.1	10	24.1	12.0
Q933978		5.30	0.035	0.93	7.61	238	2370	1.65	0.18	2.94	0.97	51.5	8.2	11	25.6	13.7
Q933979		9.23	0.005	0.18	7.67	48.0	1810	1.44	0.17	1.70	0.20	48.0	6.7	10	19.15	5.8
Q933980		1.72	2.84	6.48	4.29	6910	160	1.01	0.24	3.63	138.0	25.6	14.4	6	10.15	26.1
Q933981		5.86	<0.005	0.01	0.07	1.9	30	0.06	<0.01	20.1	0.13	1.19	0.6	<1	0.20	2.2
Q933982		5.50	<0.005	0.07	7.68	7.2	2140	1.49	0.10	2.21	0.10	52.6	7.2	12	13.10	15.5
Q933983		1.26	0.007	0.50	6.71	209	2590	1.48	0.09	2.63	0.24	42.5	6.6	10	23.1	17.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125361

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933948		2.05	17.55	0.20	2.5	0.031	2.41	22.7	36.6	0.84	441	0.68	0.05	8.4	11.5	730
Q933949		2.04	18.15	0.22	3.6	0.024	2.38	25.7	40.7	0.91	441	0.77	0.06	8.8	17.2	680
Q933950		3.23	16.65	0.20	2.5	0.165	2.55	28.3	39.6	0.97	2430	5.09	0.05	8.3	11.3	650
Q933951		2.34	18.20	0.20	3.3	0.033	1.32	35.8	165.5	0.71	489	1.52	0.04	10.2	4.9	990
Q933952		1.81	15.75	0.22	2.8	0.028	1.23	31.7	160.5	0.43	515	2.19	0.04	8.4	3.9	770
Q933953		2.69	14.80	0.20	1.2	0.044	1.83	27.6	73.8	0.40	763	2.41	0.10	8.0	2.8	720
Q933954		2.69	15.45	0.20	1.3	0.044	1.80	28.7	76.7	0.40	758	2.67	0.10	8.3	3.0	720
Q933955		2.88	15.10	0.21	1.1	0.038	2.55	21.3	14.7	0.75	667	2.52	2.24	8.0	2.7	610
Q933956		2.87	17.35	0.13	1.3	0.044	2.70	24.7	18.5	0.78	685	2.48	2.48	8.3	2.8	630
Q933957		2.73	16.00	0.13	1.4	0.030	2.74	24.3	18.6	0.77	665	2.78	2.40	8.0	2.9	580
Q933958		5.05	14.95	0.14	1.0	0.295	2.99	26.8	25.6	0.79	1960	14.15	0.15	5.9	13.9	530
Q933959		2.86	17.20	0.14	1.3	0.098	2.87	29.6	41.9	0.48	800	1.98	0.28	8.3	2.7	580
Q933960		2.84	16.35	0.14	1.2	0.038	2.74	26.1	17.4	0.86	649	1.83	2.41	8.4	2.6	610
Q933961		3.80	14.30	0.16	0.9	0.222	2.94	26.0	30.0	0.69	3650	2.41	0.04	6.6	2.5	490
Q933962		2.84	15.30	0.15	1.1	0.088	3.48	23.2	23.9	0.69	1540	1.87	0.83	7.4	2.6	570
Q933963		2.75	14.95	0.16	1.1	0.069	3.35	23.3	30.9	0.74	1680	1.48	0.73	7.3	2.5	570
Q933964		2.83	15.90	0.17	1.3	0.057	2.82	22.0	45.8	0.69	689	2.00	1.90	8.1	2.7	620
Q933965		2.68	15.60	0.16	1.1	0.049	3.30	27.6	55.6	0.98	1120	1.80	0.15	8.0	2.6	580
Q933966		2.79	17.00	0.17	1.2	0.045	3.00	25.4	28.2	0.78	706	1.75	1.59	8.5	2.4	640
Q933967		6.32	15.55	0.16	1.1	0.787	2.88	25.1	20.4	0.77	1820	8.99	0.12	6.4	12.4	530
Q933968		3.29	15.55	0.16	1.0	0.135	3.76	23.8	23.6	0.84	3730	1.83	0.12	7.4	2.6	550
Q933969		2.57	16.35	0.16	1.2	0.056	3.11	22.3	46.9	0.81	1420	1.80	0.06	7.9	2.3	620
Q933970		2.54	16.00	0.16	1.7	0.041	3.12	19.8	43.7	0.54	652	2.17	0.39	8.3	2.4	560
Q933971		2.44	15.90	0.15	1.6	0.053	3.55	22.0	65.3	0.68	1910	1.93	0.12	8.1	2.3	550
Q933972		2.74	15.05	0.15	1.5	0.106	3.45	24.7	21.9	0.76	2590	2.18	0.06	8.0	2.1	520
Q933973		0.48	0.09	0.11	<0.1	<0.005	0.03	0.6	1.0	13.15	211	0.05	<0.01	0.1	1.5	210
Q933974		3.08	14.90	0.16	1.6	0.096	3.15	25.8	39.0	0.66	4260	2.45	0.02	7.7	2.2	470
Q933975		2.42	15.65	0.16	1.6	0.030	3.37	21.8	62.4	0.59	745	2.23	0.93	8.8	2.4	560
Q933976		3.17	15.25	0.19	1.1	0.091	3.62	27.3	18.5	0.95	2180	2.03	0.03	8.1	2.9	580
Q933977		2.67	16.35	0.16	1.2	0.067	3.59	24.1	35.2	0.85	1300	1.97	0.09	8.6	2.8	620
Q933978		2.52	16.00	0.16	1.6	0.049	3.21	27.2	25.7	0.95	1950	2.97	0.03	8.4	2.9	620
Q933979		2.82	16.45	0.17	1.5	0.080	3.34	24.5	65.1	0.67	1160	1.64	0.51	8.1	2.6	610
Q933980		4.26	10.15	0.12	0.7	0.146	1.98	12.8	41.4	1.11	5930	2.77	0.02	4.2	2.8	310
Q933981		0.46	0.11	0.09	<0.1	0.006	0.03	0.6	1.1	13.10	200	0.08	0.01	0.1	1.3	190
Q933982		2.85	16.30	0.18	1.4	0.048	2.90	27.1	16.2	0.68	797	1.38	1.62	8.0	2.7	630
Q933983		2.35	15.15	0.15	1.2	0.060	3.33	21.9	32.5	0.78	1360	1.20	0.22	7.3	2.7	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125361

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933948		17.9	68.1	<0.002	0.02	4.32	5.4	1	1.4	849	0.67	<0.05	8.1	0.257	0.89	2.6
Q933949		16.8	72.2	<0.002	0.06	8.50	5.6	1	1.6	621	0.73	<0.05	9.8	0.254	0.94	3.6
Q933950		371	111.0	<0.002	1.04	28.1	7.8	1	2.5	288	0.68	0.07	11.1	0.252	1.52	6.4
Q933951		18.8	51.9	<0.002	0.04	16.65	4.8	1	1.5	378	0.76	<0.05	10.5	0.295	0.60	3.7
Q933952		16.0	48.6	<0.002	0.09	50.4	4.1	1	1.4	281	0.63	<0.05	9.1	0.255	0.55	5.1
Q933953		15.2	80.1	<0.002	0.02	35.8	10.3	1	1.6	126.5	0.62	<0.05	11.4	0.270	0.78	1.9
Q933954		16.1	83.9	<0.002	0.02	37.8	10.7	1	1.7	128.5	0.65	<0.05	11.9	0.266	0.76	2.1
Q933955		21.7	94.6	<0.002	0.04	2.20	9.9	1	1.6	374	0.68	<0.05	11.5	0.254	0.95	3.9
Q933956		20.4	103.0	<0.002	0.02	0.95	10.9	1	1.6	424	0.69	<0.05	13.7	0.253	1.03	4.6
Q933957		19.4	108.5	0.002	0.01	0.90	10.0	<1	1.5	395	0.76	<0.05	15.3	0.240	0.99	5.5
Q933958		478	154.5	0.003	2.70	27.4	8.9	1	5.7	108.0	0.52	0.33	11.2	0.208	2.41	5.2
Q933959		41.1	128.5	<0.002	0.10	21.5	10.8	1	1.8	136.0	0.72	<0.05	15.8	0.246	1.44	3.8
Q933960		17.9	110.5	<0.002	0.01	1.02	10.8	1	1.6	424	0.76	<0.05	14.6	0.248	1.02	5.1
Q933961		>10000	160.5	<0.002	2.99	212	9.4	1	3.3	133.0	0.58	<0.05	11.5	0.213	2.87	4.6
Q933962		36.8	155.0	<0.002	0.22	9.71	10.2	1	1.6	242	0.57	<0.05	12.4	0.234	2.44	4.1
Q933963		40.1	141.5	<0.002	0.24	10.70	9.9	<1	1.6	239	0.62	<0.05	12.0	0.240	2.23	5.0
Q933964		19.4	116.5	<0.002	0.02	6.38	10.8	1	1.7	360	0.69	<0.05	12.7	0.256	1.40	4.3
Q933965		20.8	156.0	<0.002	0.33	15.20	10.9	1	1.6	240	0.66	<0.05	13.9	0.237	2.56	5.1
Q933966		19.3	123.0	<0.002	0.03	5.56	11.4	1	1.8	351	0.75	<0.05	14.6	0.259	1.36	4.9
Q933967		1260	170.5	0.002	4.63	63.6	9.6	2	8.3	97.0	0.55	1.04	11.5	0.209	2.56	5.4
Q933968		44.5	184.0	<0.002	1.45	16.45	10.0	1	1.7	143.0	0.63	<0.05	14.4	0.230	2.74	4.7
Q933969		13.4	142.0	<0.002	0.18	19.05	10.7	<1	1.6	171.0	0.71	<0.05	13.5	0.249	2.51	4.9
Q933970		20.6	121.5	<0.002	0.05	14.80	9.5	1	1.5	169.5	0.79	<0.05	16.3	0.229	1.44	4.4
Q933971		32.7	145.0	<0.002	0.44	21.2	9.3	<1	1.7	186.5	0.72	<0.05	16.2	0.226	2.48	5.6
Q933972		102.5	160.5	<0.002	0.85	22.0	9.7	1	2.3	134.5	0.73	<0.05	17.1	0.223	2.76	10.5
Q933973		1.1	1.2	<0.002	0.02	0.10	0.1	<1	<0.2	51.7	<0.05	<0.05	0.2	<0.005	<0.02	0.7
Q933974		205	180.0	<0.002	1.98	44.9	8.7	1	3.7	144.0	0.76	<0.05	18.1	0.208	2.91	6.8
Q933975		16.3	142.5	<0.002	0.09	10.65	9.6	1	1.9	249	0.86	<0.05	16.0	0.243	2.04	5.8
Q933976		28.2	202	<0.002	1.09	21.9	10.4	1	1.8	137.5	0.73	<0.05	14.6	0.229	3.14	6.2
Q933977		19.3	167.5	<0.002	0.40	19.00	10.6	1	1.9	179.0	0.76	<0.05	14.7	0.248	3.07	8.0
Q933978		44.1	161.0	<0.002	1.04	24.4	10.9	1	2.0	225	0.75	<0.05	16.2	0.252	3.25	6.9
Q933979		16.6	147.5	<0.002	0.21	12.95	10.7	1	1.6	177.0	0.70	<0.05	14.5	0.249	2.24	4.0
Q933980		858	116.0	<0.002	2.75	91.8	5.9	1	3.3	107.0	0.35	<0.05	7.0	0.139	1.64	8.2
Q933981		1.4	1.4	<0.002	<0.01	0.11	0.2	<1	<0.2	50.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q933982		15.9	123.5	<0.002	0.04	7.25	11.3	1	1.7	309	0.66	<0.05	14.1	0.255	1.36	4.4
Q933983		15.8	139.0	<0.002	0.36	19.70	10.1	1	1.6	169.5	0.62	<0.05	11.8	0.234	2.66	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125361

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001
Q933948		48	1.0	10.4	63	82.5	
Q933949		49	1.3	10.6	61	130.0	
Q933950		57	3.2	14.3	600	91.5	
Q933951		47	1.8	9.2	119	121.5	
Q933952		42	1.8	8.5	94	107.0	
Q933953		69	21.3	15.7	74	34.2	
Q933954		69	21.0	16.7	75	36.2	
Q933955		71	2.5	16.1	67	27.2	
Q933956		71	2.5	17.1	58	31.6	
Q933957		67	9.8	16.7	52	34.3	
Q933958		66	5.4	11.5	905	28.8	
Q933959		68	4.5	17.0	97	32.5	
Q933960		70	3.1	17.8	50	29.7	
Q933961		61	6.2	12.7	4630	21.4	1.390
Q933962		66	3.1	14.8	82	27.1	
Q933963		69	3.0	15.4	86	25.7	
Q933964		73	2.7	16.0	57	28.2	
Q933965		68	4.5	17.7	96	27.6	
Q933966		73	2.6	17.6	60	28.7	
Q933967		63	6.0	11.8	2380	30.2	
Q933968		65	3.0	14.9	139	21.5	
Q933969		70	5.0	14.6	49	25.9	
Q933970		63	4.1	14.1	62	46.8	
Q933971		63	4.4	13.6	137	46.1	
Q933972		62	3.5	15.4	781	42.5	
Q933973		2	0.1	0.8	14	<0.5	
Q933974		55	4.0	13.2	331	45.8	
Q933975		65	3.8	15.4	49	43.9	
Q933976		64	3.7	14.4	34	24.9	
Q933977		71	4.9	16.1	41	27.5	
Q933978		72	5.3	15.2	114	44.6	
Q933979		70	3.2	15.4	56	43.8	
Q933980		40	3.0	10.0	8550	21.0	
Q933981		2	0.1	0.8	22	<0.5	
Q933982		73	2.3	17.2	49	40.3	
Q933983		67	3.2	14.7	45	35.6	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125361

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Pb-OG62

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2014
Account: ROCKHA

CERTIFICATE WH14125362

Project: KLAZA

P.O. No.: BATCH 169

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125362

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935949		0.56	0.024	0.44	6.94	115.5	880	1.51	1.78	2.15	0.33	42.0	7.5	8	11.65	3.3
Q935950		1.95	0.013	0.53	6.89	75.0	1810	1.54	0.49	2.08	1.23	41.5	6.9	8	13.45	4.9
Q935951		1.25	0.090	1.51	6.39	373	930	1.29	1.27	1.16	11.00	43.8	5.8	10	11.60	29.6
Q935952		0.30	0.407	4.28	6.92	732	1050	1.29	3.28	2.09	10.20	44.2	11.8	26	12.70	315
Q935953		1.44	0.902	4.24	3.94	1290	550	1.02	0.82	3.02	6.21	17.85	3.9	8	6.20	15.7
Q935954		1.87	2.22	9.82	4.14	1700	450	0.70	0.22	2.53	32.7	33.5	4.4	7	3.82	66.8
Q935955		0.71	1.885	5.86	4.59	1630	380	0.64	0.41	0.73	4.50	24.7	6.4	8	3.89	20.5
Q935956		1.81	0.312	4.72	5.16	553	460	0.77	0.25	3.22	16.15	42.9	8.1	7	5.41	43.6
Q935957		0.30	0.983	12.15	6.78	1610	1230	1.36	12.80	1.91	33.5	44.2	18.3	19	13.60	284
Q935958		1.63	0.136	11.35	5.50	778	1020	1.27	0.48	1.35	16.55	38.4	7.8	8	13.50	29.0
Q935959		1.53	0.011	1.08	6.26	42.0	3640	1.33	1.28	2.22	0.81	41.6	7.3	16	13.25	5.4
Q935960		4.03	0.010	0.36	7.08	25.8	1760	1.45	0.58	2.22	0.32	45.1	7.4	11	13.15	23.7
Q935961		0.79	1.985	4.34	5.58	130.5	860	1.04	3.29	2.63	0.45	38.2	14.4	8	9.60	113.0
Q935962		4.52	0.168	0.56	7.12	22.3	1070	1.65	1.19	2.50	0.11	45.3	6.9	10	14.30	15.3
Q935963		7.54	0.012	0.62	7.15	37.9	1020	1.48	0.72	1.95	0.41	46.2	8.0	10	13.55	17.8
Q935964		5.86	0.005	0.43	7.19	21.6	1780	1.25	0.77	2.79	0.09	46.0	8.4	10	15.55	29.0
Q935965		5.11	<0.005	0.20	7.35	11.8	1970	1.43	0.70	2.15	0.11	46.5	8.4	8	14.90	8.3
Q935966		2.03	<0.005	0.17	7.44	7.1	2180	1.68	1.49	2.54	0.09	41.4	8.3	8	14.50	8.9
Q935967		2.36	<0.005	0.10	8.52	8.0	2570	1.31	0.53	1.29	0.21	56.6	9.1	10	15.80	13.6
Q935968		3.89	<0.005	0.17	7.70	15.4	1460	1.66	0.38	1.32	0.11	51.7	8.4	10	13.75	8.1
Q935969		0.08	<0.005	0.17	7.57	14.1	1450	1.70	0.33	1.31	0.09	51.7	7.8	9	13.20	7.2
Q935970		2.96	<0.005	0.22	7.49	47.0	1600	1.66	0.39	2.04	0.49	45.8	7.8	9	21.1	15.7
Q935971		2.45	0.006	0.40	6.19	38.4	3510	1.63	0.28	3.35	0.79	43.2	9.5	7	21.4	19.3
Q935972		3.19	0.006	1.53	7.01	49.5	570	1.37	0.25	3.23	1.30	46.1	7.5	8	17.00	15.9
Q935973		4.20	<0.005	0.23	7.32	23.3	940	1.31	0.29	3.07	0.50	45.5	6.8	8	13.15	14.9
Q935974		2.74	0.015	0.28	6.72	86.7	2610	1.45	0.34	2.60	0.75	41.2	7.7	9	15.95	13.0
Q935975		5.14	<0.005	0.10	8.42	11.1	1820	1.19	0.29	0.99	0.19	49.8	7.4	9	15.75	17.0
Q935976		1.74	<0.005	0.11	8.34	11.4	1660	1.23	0.30	0.84	0.14	45.3	7.3	9	15.40	19.9
Q935977		1.07	0.023	0.62	7.16	81.8	2580	1.58	1.21	2.08	0.36	45.5	7.7	9	16.50	22.4
Q935978		4.23	<0.005	0.13	8.24	9.3	3370	1.30	0.28	1.00	0.17	53.5	10.8	10	11.50	16.5
Q935979		3.09	<0.005	0.11	7.25	7.2	2240	1.57	0.29	2.57	0.13	41.4	7.5	16	11.25	14.5
Q935980		7.62	<0.005	<0.01	0.08	<0.2	40	<0.05	0.02	20.3	0.07	1.27	0.8	1	0.16	1.8
Q935981		6.40	<0.005	0.12	7.57	11.9	1870	1.03	0.21	1.84	0.14	43.1	7.2	10	15.20	13.8
Q935982		7.10	<0.005	<0.01	0.07	<0.2	30	0.05	0.03	20.2	0.07	1.12	0.8	1	0.52	1.5
Q935983		2.25	<0.005	0.09	7.11	6.2	2160	1.46	0.20	2.50	0.12	40.3	6.6	12	13.10	11.6
Q935984		3.70	<0.005	0.09	7.32	12.4	1640	1.10	0.15	2.00	0.15	39.6	6.4	11	18.55	11.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125362

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935949		3.20	15.05	0.12	1.2	0.108	3.58	21.4	7.9	0.72	4610	1.88	0.03	7.5	2.7	600
Q935950		2.98	14.90	0.13	1.3	0.060	3.66	21.4	16.1	0.70	3860	0.96	0.03	7.5	3.0	550
Q935951		3.47	14.85	0.15	1.1	0.098	3.20	24.6	14.3	0.49	4800	3.04	0.02	6.7	3.2	560
Q935952		5.12	14.15	0.12	1.0	0.279	3.03	25.0	22.5	0.80	1860	13.40	0.15	5.7	14.1	530
Q935953		5.40	9.65	0.08	0.6	0.073	1.93	9.3	21.0	0.93	22600	10.90	0.02	3.5	1.9	280
Q935954		5.07	9.08	0.09	0.6	0.108	2.11	18.4	20.4	0.86	20500	3.58	0.02	3.7	2.3	330
Q935955		5.89	9.93	0.09	0.7	0.135	2.32	13.5	20.5	0.35	14250	3.72	0.02	3.7	3.1	400
Q935956		7.13	11.30	0.10	0.8	0.097	2.54	23.8	8.5	0.79	19300	4.21	0.01	4.6	4.3	410
Q935957		6.70	15.25	0.10	1.1	0.785	2.93	23.2	17.4	0.80	1820	8.81	0.13	6.5	12.5	540
Q935958		4.96	11.55	0.08	0.9	0.075	2.59	20.9	23.8	0.50	9490	6.72	0.02	5.5	3.2	420
Q935959		3.26	13.85	0.11	1.1	0.097	2.91	22.8	25.1	0.84	3180	1.57	0.03	6.6	2.7	490
Q935960		3.16	14.70	0.12	1.2	0.084	3.01	23.5	51.1	0.84	2470	1.87	0.04	7.3	2.7	550
Q935961		6.62	13.20	0.10	0.9	0.348	2.76	21.2	13.5	0.92	6230	12.40	0.02	5.7	3.2	390
Q935962		3.12	15.00	0.10	1.2	0.134	3.60	23.9	9.8	0.90	2490	3.80	0.03	7.3	2.2	560
Q935963		2.87	15.80	0.12	1.3	0.069	2.55	24.2	47.3	0.72	2580	0.97	0.03	7.9	2.7	580
Q935964		3.12	14.65	0.11	1.3	0.078	2.91	25.3	39.3	1.04	1680	1.14	0.03	7.5	2.4	580
Q935965		2.98	16.30	0.12	1.4	0.056	2.53	24.1	35.2	0.83	1160	0.71	0.05	8.1	2.3	580
Q935966		3.11	16.95	0.14	1.6	0.043	2.72	20.0	29.8	0.51	718	1.36	1.22	9.2	2.7	650
Q935967		3.35	19.95	0.16	1.7	0.054	3.12	29.0	28.9	0.33	759	2.05	0.65	10.1	2.8	730
Q935968		3.03	16.65	0.13	1.4	0.047	2.67	28.3	15.3	0.52	1150	1.01	1.19	8.5	2.5	610
Q935969		2.91	15.75	0.14	1.4	0.046	2.55	27.9	14.6	0.51	1120	1.05	1.16	7.9	2.2	610
Q935970		2.77	17.25	0.13	1.6	0.043	3.10	23.2	173.5	0.66	1510	1.81	0.13	8.6	2.5	600
Q935971		2.78	13.45	0.13	1.2	0.036	2.32	24.4	71.0	1.14	2230	1.76	0.02	6.4	2.3	430
Q935972		2.74	14.10	0.14	1.2	0.040	1.89	25.9	73.6	1.07	2350	2.16	0.02	7.1	2.4	550
Q935973		2.88	14.70	0.13	1.2	0.041	2.06	23.7	68.0	0.97	1750	2.22	0.04	7.6	2.1	590
Q935974		2.70	14.45	0.13	1.8	0.043	3.55	21.3	46.7	0.80	5050	2.02	0.10	8.2	2.5	490
Q935975		3.04	17.30	0.13	1.5	0.048	2.77	25.9	29.3	0.48	1140	1.84	0.08	9.0	2.5	660
Q935976		2.82	17.70	0.12	1.4	0.047	2.77	23.0	31.2	0.41	1020	8.86	0.08	9.2	2.4	670
Q935977		3.42	16.10	0.13	1.3	0.080	3.63	24.0	30.2	0.79	2590	3.27	0.07	7.7	2.4	550
Q935978		3.14	18.70	0.13	1.6	0.055	2.66	27.8	41.5	0.51	825	3.08	0.16	9.7	3.7	670
Q935979		2.97	15.65	0.15	1.4	0.043	2.71	19.9	24.1	0.75	651	2.14	2.16	8.1	2.5	610
Q935980		0.48	0.32	0.22	<0.1	0.008	0.03	0.6	1.3	12.55	202	0.14	0.01	0.2	1.5	180
Q935981		2.94	14.70	0.16	1.3	0.042	2.62	22.2	33.2	0.77	832	2.21	0.12	7.6	2.1	600
Q935982		0.47	0.28	0.19	<0.1	0.005	0.04	0.5	1.5	12.65	197	0.14	0.01	0.2	1.9	150
Q935983		2.88	15.05	0.17	1.4	0.037	2.76	19.1	24.0	0.75	651	2.20	1.93	7.8	2.2	590
Q935984		2.76	15.05	0.14	1.2	0.038	2.76	19.6	49.5	0.69	789	3.45	0.26	7.6	2.0	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125362

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935949		19.3	167.5	0.006	0.61	14.55	9.6	1	1.7	31.8	0.63	<0.05	11.8	0.241	2.76	9.7
Q935950		70.7	168.0	0.002	0.70	19.15	9.3	1	1.7	69.8	0.63	<0.05	11.7	0.229	2.93	7.9
Q935951		211	174.5	0.005	1.48	29.6	9.5	1	2.0	23.8	0.55	<0.05	12.3	0.213	2.20	16.6
Q935952		479	148.0	0.005	2.74	25.5	8.7	1	5.1	106.5	0.46	0.32	10.3	0.207	2.35	4.8
Q935953		1540	101.0	0.004	3.31	103.5	5.6	1	1.9	49.1	0.28	<0.05	5.8	0.115	1.31	8.8
Q935954		983	122.0	0.002	4.24	70.5	6.6	<1	2.6	37.9	0.30	<0.05	7.2	0.126	1.52	5.2
Q935955		330	139.5	0.006	5.43	51.4	6.3	<1	2.1	14.3	0.31	<0.05	7.9	0.117	1.68	9.8
Q935956		255	162.5	0.003	6.18	34.4	7.3	1	1.7	35.0	0.37	<0.05	8.7	0.144	2.33	12.7
Q935957		1290	160.5	0.002	4.72	61.8	9.4	2	7.7	98.2	0.53	1.24	10.9	0.211	2.62	5.4
Q935958		605	138.0	0.003	4.19	49.4	7.5	<1	4.1	39.2	0.45	<0.05	9.5	0.177	2.16	15.6
Q935959		42.4	164.5	0.002	0.75	25.4	9.7	<1	2.0	65.7	0.52	<0.05	11.0	0.216	2.42	7.0
Q935960		16.3	128.0	0.002	0.24	21.8	9.5	1	2.0	121.5	0.60	<0.05	12.2	0.238	2.28	7.5
Q935961		77.4	175.5	0.002	2.06	38.3	8.0	1	2.4	40.9	0.46	<0.05	10.0	0.176	2.42	9.2
Q935962		14.7	163.0	<0.002	0.33	15.35	9.5	1	1.9	78.4	0.60	<0.05	12.1	0.236	2.65	5.4
Q935963		42.6	108.5	0.002	0.36	23.2	10.3	1	2.0	107.0	0.66	<0.05	12.8	0.242	2.09	7.0
Q935964		9.8	126.0	0.002	0.18	23.9	9.7	1	2.0	137.0	0.61	<0.05	12.5	0.230	2.10	4.7
Q935965		13.5	98.2	0.002	0.09	21.3	10.6	1	1.9	129.5	0.67	<0.05	12.6	0.245	1.68	4.2
Q935966		22.9	92.1	<0.002	0.01	4.69	10.8	1	1.7	242	0.78	<0.05	11.9	0.279	1.19	2.4
Q935967		26.0	138.0	0.002	0.01	15.40	14.5	1	2.3	122.5	0.81	<0.05	15.3	0.315	1.47	4.5
Q935968		13.9	127.5	<0.002	0.22	12.85	11.0	1	1.8	90.4	0.71	<0.05	14.2	0.262	1.42	4.0
Q935969		12.8	121.5	0.002	0.20	12.10	10.6	1	1.7	87.1	0.67	<0.05	13.8	0.255	1.33	3.8
Q935970		27.3	124.0	<0.002	0.19	23.7	11.0	1	1.8	161.5	0.73	<0.05	12.6	0.253	2.12	4.3
Q935971		34.3	137.5	<0.002	0.33	34.6	8.8	1	1.6	229	0.55	<0.05	11.9	0.197	2.24	7.6
Q935972		45.9	101.0	<0.002	0.51	19.10	9.3	1	1.9	380	0.60	<0.05	12.8	0.224	1.93	3.7
Q935973		20.9	79.7	<0.002	0.25	15.60	10.0	1	1.7	152.0	0.63	<0.05	12.2	0.249	1.57	5.2
Q935974		41.4	144.5	0.003	0.41	16.30	8.8	1	1.7	124.5	0.89	<0.05	14.8	0.201	2.36	7.0
Q935975		14.8	120.5	0.002	0.05	18.20	11.5	1	2.0	60.4	0.74	<0.05	15.1	0.285	1.41	3.1
Q935976		15.3	120.0	<0.002	0.04	18.20	10.9	1	2.3	57.4	0.74	<0.05	14.5	0.274	1.45	3.4
Q935977		38.1	176.5	0.003	0.37	19.90	11.0	1	1.6	78.3	0.63	<0.05	12.9	0.235	2.82	6.8
Q935978		20.8	116.5	0.002	0.08	17.45	13.2	1	2.0	88.2	0.81	<0.05	15.0	0.296	1.21	3.7
Q935979		20.7	95.3	<0.002	0.01	3.48	9.8	1	1.5	348	0.69	<0.05	11.4	0.257	1.09	3.6
Q935980		1.4	1.3	<0.002	0.01	0.10	0.2	1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935981		17.9	84.9	<0.002	0.05	15.70	9.8	1	1.5	94.9	0.66	<0.05	11.9	0.261	1.20	4.0
Q935982		1.4	2.4	<0.002	<0.01	0.06	0.2	<1	<0.2	51.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935983		18.4	88.0	0.002	0.01	4.24	8.7	1	1.4	328	0.70	<0.05	10.5	0.249	1.15	2.8
Q935984		18.2	85.0	<0.002	0.06	14.00	9.2	1	1.5	135.5	0.65	<0.05	11.0	0.250	1.43	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125362

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q935949		65	5.8	13.7	85	34.7
Q935950		65	5.4	13.9	182	33.7
Q935951		65	6.3	14.4	1360	31.7
Q935952		68	4.8	11.4	890	26.9
Q935953		45	3.8	10.4	942	16.4
Q935954		45	4.1	8.8	3700	17.3
Q935955		44	4.1	8.9	545	20.7
Q935956		52	3.5	15.6	1890	23.9
Q935957		65	5.8	11.9	2440	29.0
Q935958		52	2.7	12.2	1540	27.0
Q935959		67	3.1	13.5	107	30.4
Q935960		67	3.3	15.2	65	32.6
Q935961		58	5.5	15.3	136	24.3
Q935962		65	4.3	16.4	74	35.2
Q935963		69	3.8	15.7	89	35.8
Q935964		63	2.3	16.1	71	36.0
Q935965		68	3.2	15.7	71	36.8
Q935966		79	3.0	18.1	60	44.3
Q935967		91	6.5	22.1	66	46.0
Q935968		73	2.7	18.3	63	39.1
Q935969		70	2.5	17.7	61	36.9
Q935970		72	4.5	15.9	89	44.7
Q935971		57	3.1	15.9	94	31.4
Q935972		62	14.6	15.6	122	32.6
Q935973		69	2.8	16.4	78	33.0
Q935974		57	4.2	15.6	99	44.2
Q935975		74	10.2	17.5	66	40.1
Q935976		71	10.6	16.2	62	40.7
Q935977		74	6.4	14.8	74	35.6
Q935978		81	8.6	20.7	66	43.1
Q935979		72	2.7	15.4	55	37.6
Q935980		3	0.1	0.9	14	<0.5
Q935981		74	4.8	15.6	60	35.1
Q935982		3	0.1	0.8	17	<0.5
Q935983		70	1.5	14.2	55	36.0
Q935984		70	3.5	14.0	59	33.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125362

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125363

Project: KLAZA

P.O. No.: BATCH 163

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

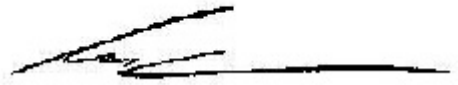
ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Pb-VOL70	Pb by Titration	
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125363

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
Q927933		2.54	>10.0	12.15	>100	1.45	>10000	110	0.49	55.2	1.00	230	11.80	50.3	5	3.09
Q927934		1.71	0.713		9.93	5.77	1720	300	1.32	6.48	2.84	19.50	41.9	7.2	6	10.60
Q927935		1.93	>10.0	14.35	>100	2.81	>10000	280	0.77	0.45	1.79	120.5	21.5	3.3	10	6.87
Q927936		2.21	0.012		0.92	0.04	17.3	20	<0.05	0.02	20.0	0.20	0.96	0.6	<1	0.10
Q927937		0.39	0.394		13.90	5.09	591	750	1.32	1.13	2.73	16.95	35.7	5.8	8	32.3
Q927938		2.71	5.36		61.6	4.56	8400	340	0.99	1.26	1.41	92.4	29.3	4.9	8	5.79
Q927939		2.20	>10.0	10.20	95.8	1.79	>10000	330	0.37	36.2	0.78	864	11.65	19.5	6	3.63
Q927940		1.22	>10.0	49.5	>100	2.33	>10000	260	0.64	0.68	1.20	344	18.70	1.3	6	7.99
Q927941		2.83	0.391		7.71	4.44	367	250	1.10	2.55	2.30	23.3	27.4	6.6	11	11.95
Q927942		2.80	0.013		0.52	0.08	17.3	40	0.07	0.01	21.0	0.36	1.17	0.7	1	0.37
Q927943		4.79	5.70		19.60	6.62	6000	1670	1.51	12.05	1.85	32.6	48.5	26.1	9	22.4
Q927944		4.09	8.52		>100	4.92	>10000	780	1.42	31.7	2.36	893	37.8	7.0	7	22.9
Q927945		1.31	0.982		41.7	4.32	1950	250	0.98	9.40	3.48	452	31.1	4.9	6	13.40
Q927946		1.21	0.407		1.75	4.76	345	2530	1.27	0.51	1.76	10.35	51.2	19.8	25	11.65
Q927947		3.20	0.043		1.47	7.04	167.5	1490	1.46	0.94	2.51	2.96	52.7	9.8	8	14.40
Q927948		<0.02	0.041		1.41	7.13	171.5	1510	1.51	0.95	2.59	2.99	51.6	9.6	8	14.55
Q927949		1.48	1.860		8.59	5.77	2650	560	1.32	0.71	1.84	57.1	43.7	5.2	8	22.3
Q927950		1.16	>10.0	17.20	36.3	3.11	>10000	240	1.07	1.37	2.50	140.5	20.8	7.6	7	10.80
Q927951		2.53	0.150		4.49	7.10	433	1400	1.68	0.37	2.41	9.30	49.3	10.6	9	16.90
Q927952		0.11	>10.0	13.70	>100	4.49	160.0	660	0.47	1.97	2.06	848	18.75	58.5	48	1.33
Q927953		3.00	>10.0	15.25	>100	2.83	>10000	610	0.93	0.21	1.52	269	20.0	8.0	9	8.88
Q927954		4.49	0.196		5.07	6.59	687	920	1.61	0.47	2.10	22.7	52.1	11.1	10	14.70
Q927955		2.04	0.808		14.70	4.07	750	1710	1.66	0.37	1.56	24.2	27.7	7.7	6	16.85
Q927956		3.40	0.025		1.54	6.48	282	940	1.38	0.19	1.96	12.30	33.9	14.2	9	11.00
Q927957		1.32	>10.0	25.1	>100	3.39	>10000	450	0.99	0.34	2.35	682	21.5	6.2	5	8.17
Q927958		4.71	0.094		1.94	7.43	412	1560	1.69	0.40	2.36	4.97	54.4	5.1	15	9.49
Q927959		0.26	1.720		39.9	6.11	2680	990	1.22	36.8	1.76	44.5	38.0	16.3	22	10.20
Q927960		0.95	2.000		81.0	4.48	1310	160	0.83	54.9	2.88	78.2	30.1	16.6	11	6.88
Q927961		0.88	1.680		6.64	6.15	3120	1940	1.80	1.25	2.57	12.60	62.0	7.2	13	30.8
Q927962		3.82	0.056		2.48	6.89	143.5	2120	1.79	0.30	3.48	1.84	55.8	8.2	17	17.25
Q927963		0.70	4.91		95.7	3.95	9850	60	0.86	22.2	1.06	348	16.55	18.7	42	4.83
Q927964		2.16	8.10		46.9	4.03	>10000	370	0.84	1.79	1.53	211	21.1	9.2	7	5.68
Q927965		6.54	0.547		9.41	7.66	830	230	1.58	0.56	1.61	70.3	35.0	9.5	5	14.35
Q927966		<0.02	0.464		11.00	7.58	867	270	1.47	0.61	1.65	83.8	34.8	9.6	6	14.30
Q927967		5.67	0.573		64.7	5.79	1175	770	1.35	1.99	0.83	149.5	46.5	7.1	10	15.60
Q927968		2.60	>10.0	16.60	>100	0.41	>10000	40	0.08	279	0.61	>1000	5.23	1.2	3	0.53

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125363

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q927933		1475	23.6	4.35	0.13	0.2	4.53	0.57	6.4	11.2	0.37	874	16.35	0.01	1.3	2.1
Q927934		120.5	5.89	12.80	0.11	1.0	0.481	2.57	21.3	10.7	1.07	2970	5.98	0.03	5.6	3.1
Q927935		390	4.32	8.97	0.08	0.5	0.181	1.17	11.1	26.9	0.57	63000	26.4	0.01	2.7	2.0
Q927936		2.1	0.45	0.13	0.08	<0.1	<0.005	0.01	<0.5	0.8	12.60	259	0.14	<0.01	0.1	1.3
Q927937		19.7	3.36	11.35	0.09	0.9	0.039	1.88	17.7	36.1	1.04	3680	11.75	0.01	5.0	2.7
Q927938		62.8	4.72	10.45	0.11	0.7	0.201	2.06	15.1	14.8	0.46	10850	18.30	0.03	4.6	2.7
Q927939		714	22.5	6.05	0.08	0.2	9.05	0.71	6.3	7.0	0.30	1650	24.2	0.01	1.4	3.6
Q927940		1120	7.93	6.89	0.05	0.3	0.279	0.97	10.3	25.6	0.34	9980	8.00	0.01	2.1	1.2
Q927941		26.6	4.52	10.00	0.09	0.7	0.176	1.85	13.4	30.8	0.77	2790	6.00	0.02	4.2	2.8
Q927942		3.0	0.49	0.26	0.05	<0.1	<0.005	0.04	0.5	1.4	13.15	229	0.13	<0.01	0.1	2.2
Q927943		203	5.95	14.05	0.14	1.3	0.764	3.10	23.0	13.5	0.63	1280	2.42	0.07	6.6	2.9
Q927944		1725	6.34	11.60	0.09	1.0	13.70	1.77	18.7	21.4	0.73	4400	19.40	0.03	5.0	2.5
Q927945		289	5.72	10.50	0.08	0.5	17.70	1.89	15.9	14.3	1.46	6240	4.57	0.02	4.0	2.4
Q927946		44.7	3.75	11.15	0.07	1.5	0.136	1.13	24.7	45.1	0.76	2170	1.66	0.02	7.7	25.0
Q927947		34.8	3.71	15.60	0.11	1.0	0.227	2.95	26.4	12.4	1.01	2460	2.10	0.04	6.9	3.4
Q927948		33.9	3.72	15.65	0.14	1.1	0.218	3.02	25.6	12.8	1.02	2500	2.18	0.04	7.2	3.4
Q927949		111.5	4.38	13.30	0.13	0.9	0.926	2.32	21.5	18.2	0.79	2170	3.54	0.02	5.9	4.4
Q927950		223	8.07	9.14	0.08	0.5	1.565	1.33	10.7	15.9	0.98	3330	2.40	0.02	3.1	7.7
Q927951		22.2	3.24	16.50	0.13	1.4	0.055	2.75	22.4	98.0	0.69	3590	3.05	0.09	8.1	2.9
Q927952		>10000	9.18	16.05	0.13	0.6	3.15	0.80	9.1	6.3	0.80	1680	159.5	1.08	2.1	18.2
Q927953		676	5.72	9.76	0.06	0.5	0.167	1.10	10.2	37.6	0.33	20200	13.10	0.01	2.8	2.4
Q927954		14.1	3.27	16.30	0.15	1.2	0.126	2.92	26.1	53.1	0.65	6430	11.15	0.02	6.7	3.9
Q927955		25.8	2.83	10.15	0.08	0.7	0.054	1.64	14.4	33.0	0.47	14550	27.8	0.02	3.7	2.7
Q927956		12.6	2.96	15.55	0.10	1.0	0.041	1.23	15.0	137.5	0.48	4920	3.57	0.01	7.2	3.9
Q927957		608	9.70	10.50	0.08	0.5	0.247	1.48	10.6	17.6	0.51	14650	10.95	0.01	3.1	2.9
Q927958		5.0	3.77	16.70	0.13	1.4	0.199	3.56	26.9	13.7	0.92	4550	1.98	0.03	6.9	3.6
Q927959		1250	9.34	13.95	0.13	0.8	1.555	2.66	18.4	16.1	0.71	2440	16.25	0.06	4.7	14.4
Q927960		617	12.45	10.90	0.13	1.0	1.990	1.93	15.5	9.3	0.94	3780	3.37	0.03	4.1	4.8
Q927961		40.7	2.15	15.30	0.13	2.9	0.367	2.02	30.9	41.9	0.89	2930	5.84	0.03	8.4	5.9
Q927962		45.7	2.70	18.20	0.17	3.3	0.068	2.94	24.8	42.9	1.15	1300	1.06	0.04	9.9	6.8
Q927963		738	14.95	11.85	0.14	1.1	9.76	1.81	8.4	10.3	0.50	752	1.90	0.02	4.1	14.4
Q927964		82.7	8.74	10.80	0.07	0.8	0.706	1.85	10.5	14.0	0.55	1960	13.40	0.02	3.2	2.2
Q927965		33.1	7.81	19.45	0.14	1.9	0.791	3.46	14.9	18.1	0.79	2430	11.30	0.03	4.9	3.3
Q927966		36.5	7.61	20.0	0.14	1.8	0.918	3.39	15.3	19.4	0.78	2460	12.00	0.03	5.0	3.2
Q927967		226	4.21	13.05	0.13	1.0	1.300	2.47	22.4	22.4	0.37	1280	3.60	0.02	5.4	3.9
Q927968		>10000	9.67	3.49	0.06	0.1	43.7	0.19	2.3	3.1	0.13	1460	29.7	<0.01	0.4	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125363

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q927933		90	6580	28.6	<0.002	>10.0	532	2.1	3	16.9	47.1	0.13	2.39	2.5	0.042	0.92
Q927934		450	574	157.0	0.002	4.69	42.3	8.3	1	5.5	67.5	0.48	0.29	9.9	0.184	2.39
Q927935		220	>10000	62.8	<0.002	3.82	3480	4.2	<1	33.3	62.6	0.23	0.06	5.0	0.089	2.32
Q927936		170	17.0	0.7	<0.002	0.01	3.06	0.1	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02
Q927937		390	406	104.0	<0.002	1.99	71.0	7.5	<1	3.8	125.5	0.40	<0.05	8.7	0.171	1.96
Q927938		350	2010	123.5	0.002	3.84	186.0	7.1	<1	8.6	28.6	0.39	<0.05	8.0	0.162	2.05
Q927939		110	8410	36.0	0.004	>10.0	299	2.3	3	19.5	21.4	0.12	3.43	2.9	0.047	1.14
Q927940		120	>10000	50.6	<0.002	5.43	1800	3.1	1	36.2	76.3	0.20	0.05	3.9	0.074	2.54
Q927941		340	1230	106.0	<0.002	3.82	44.4	6.1	<1	3.1	81.7	0.35	0.23	6.9	0.132	1.86
Q927942		220	17.8	2.1	<0.002	0.01	1.22	0.3	<1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	0.02
Q927943		510	1770	153.5	0.002	4.88	36.3	8.6	1	4.6	177.5	0.57	0.87	11.4	0.208	2.39
Q927944		400	>10000	101.5	<0.002	7.57	363	6.9	1	12.5	163.0	0.40	0.26	8.3	0.167	3.51
Q927945		360	>10000	124.0	<0.002	5.34	63.7	5.9	1	14.4	52.7	0.34	0.49	6.8	0.137	2.31
Q927946		630	105.5	62.4	<0.002	0.51	70.1	7.6	<1	1.6	143.0	0.47	0.08	7.3	0.239	1.37
Q927947		560	184.0	162.5	<0.002	1.42	15.95	10.0	1	2.8	80.2	0.60	0.22	14.0	0.211	2.47
Q927948		580	144.0	159.0	<0.002	1.47	15.90	10.3	1	3.0	82.6	0.63	0.19	14.1	0.218	2.54
Q927949		500	2570	134.5	<0.002	1.45	43.0	7.9	<1	7.3	77.1	0.49	0.07	10.2	0.196	2.85
Q927950		240	>10000	84.0	<0.002	6.14	104.5	4.7	1	9.7	58.1	0.27	0.46	6.1	0.097	2.73
Q927951		600	229	115.0	<0.002	0.99	47.7	10.4	<1	2.5	122.5	0.65	<0.05	12.2	0.252	2.24
Q927952		580	>10000	25.6	0.064	>10.0	180.5	11.5	8	18.8	218	0.16	0.43	1.8	0.175	7.88
Q927953		190	>10000	57.7	0.004	5.04	2470	4.4	<1	51.5	105.0	0.24	<0.05	4.9	0.093	1.67
Q927954		570	135.5	171.0	<0.002	1.32	67.9	10.4	1	2.4	130.5	0.55	0.05	12.5	0.230	2.72
Q927955		250	230	92.2	<0.002	0.84	109.5	5.9	1	2.1	90.0	0.28	<0.05	6.2	0.132	1.58
Q927956		570	28.9	38.8	<0.002	0.44	49.5	9.9	1	1.9	202	0.54	<0.05	8.7	0.248	1.36
Q927957		240	>10000	84.0	<0.002	8.35	1020	5.1	1	23.0	50.8	0.26	<0.05	4.8	0.106	2.20
Q927958		650	108.5	199.0	<0.002	1.00	23.4	10.4	1	2.1	58.1	0.52	<0.05	12.2	0.252	3.20
Q927959		480	1730	148.5	0.005	8.22	104.0	8.4	2	10.9	65.9	0.40	0.75	9.0	0.178	2.17
Q927960		380	2600	105.0	<0.002	>10.0	113.5	5.4	2	12.0	59.0	0.34	4.15	6.6	0.143	1.78
Q927961		1080	436	120.5	0.002	1.12	51.6	5.8	<1	3.4	258	0.60	0.16	8.2	0.252	2.37
Q927962		1050	51.1	130.5	<0.002	0.37	18.45	6.7	<1	1.7	180.0	0.71	<0.05	8.2	0.279	3.47
Q927963		350	8060	103.5	<0.002	>10.0	149.0	5.1	4	14.6	31.1	0.39	3.26	4.7	0.131	1.99
Q927964		360	>10000	120.0	<0.002	7.93	151.5	5.5	<1	7.4	49.3	0.30	0.42	5.3	0.133	2.19
Q927965		1140	2850	220	<0.002	6.42	27.8	13.3	1	5.1	72.4	0.29	0.09	2.8	0.396	3.51
Q927966		1130	3100	219	<0.002	6.23	29.7	13.4	1	5.0	75.2	0.29	0.20	3.0	0.394	3.47
Q927967		410	>10000	152.0	<0.002	4.34	122.5	7.9	1	3.3	109.5	0.45	0.10	11.2	0.171	3.34
Q927968		40	>10000	12.5	<0.002	>10.0	2940	0.6	4	15.2	17.5	<0.05	0.43	0.6	0.013	1.97

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125363

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Ag-GRA21	Zn-OG62	Pb-VOL70	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Ag	Zn	Pb	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	5	0.001	0.01	0.001
Q927933		3.9	15	1.7	4.9	9130	5.7	196						2.81
Q927934		3.6	52	4.3	10.1	1110	25.4							
Q927935		3.3	27	4.8	6.8	9560	11.2	1160		1.485				1.770
Q927936		0.6	2	0.1	0.7	25	<0.5							
Q927937		8.3	55	5.9	9.7	1140	21.9							
Q927938		6.3	50	3.9	8.8	6690	20.0							
Q927939		4.8	18	4.2	5.1	>10000	5.4					5.09		3.40
Q927940		6.0	21	2.2	4.2	>10000	8.7	1320		3.70		1.890		6.49
Q927941		4.6	42	3.6	8.5	1470	20.8							
Q927942		0.4	4	0.1	0.8	33	<0.5							
Q927943		3.9	57	3.0	12.6	2410	34.1							
Q927944		7.4	46	5.8	10.8	>10000	31.4	232		4.54		4.97		1.770
Q927945		2.0	39	4.5	6.9	>10000	12.5			1.210		2.98		
Q927946		7.4	70	6.0	12.6	874	55.5							
Q927947		3.5	64	3.0	13.3	485	26.1							
Q927948		3.6	66	3.2	13.2	483	27.0							
Q927949		4.4	55	4.1	7.4	2850	24.6							
Q927950		3.7	28	2.6	7.1	8220	14.5			1.785				3.55
Q927951		4.1	70	3.6	15.3	1430	32.9							
Q927952		2.2	124	8.1	12.1	>10000	10.8	127	2.83	2.46		15.30		
Q927953		5.0	29	4.1	7.7	>10000	12.9	789		1.055		2.23		2.80
Q927954		7.1	69	5.8	14.2	2850	34.0							
Q927955		14.0	45	3.6	10.7	2310	20.2							
Q927956		6.1	74	5.6	13.2	1900	28.9							
Q927957		9.3	33	2.5	10.7	>10000	14.0	544		1.140		3.58		5.96
Q927958		8.5	72	3.2	16.6	469	47.8							
Q927959		5.4	60	7.7	9.6	3450	23.6							
Q927960		3.1	42	5.1	7.2	5160	31.6							
Q927961		6.7	49	3.8	12.2	1000	119.5							
Q927962		4.3	64	2.2	11.9	181	132.0							
Q927963		3.6	41	4.5	4.5	>10000	33.5					2.85		
Q927964		2.2	46	5.1	6.5	>10000	27.4			1.470		1.490		3.88
Q927965		3.8	138	8.7	10.7	4240	70.2							
Q927966		3.8	134	8.9	11.0	5010	71.5							
Q927967		4.4	52	6.2	8.9	9120	26.9			1.790				
Q927968		2.0	4	0.5	1.9	>10000	1.9	>1500	1.095	>20.0	1900	12.30	40.36	1.490

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125363

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21d
LOG-22	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-GRA21	Ag-OG62	As-OG62	Au-AA24
Au-GRA22	Cu-OG62	ME-MS61	ME-OG62
Pb-OG62	Pb-VOL70	Zn-OG62	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

CERTIFICATE WH14125365

Project: KLAZA

P.O. No.: BATCH 171

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125365

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q935985		5.40	<0.005	0.09	6.68	6.2	1920	1.58	0.42	2.06	0.14	43.4	6.3	8	16.75	12.8
Q935986		3.54	<0.005	0.18	6.88	18.6	1760	1.91	0.53	3.20	0.18	47.0	9.7	7	18.35	6.1
Q935987		2.69	<0.005	0.01	8.09	62.0	970	1.68	0.09	2.46	0.17	75.9	10.5	46	38.3	11.4
Q935988		3.29	0.005	0.61	7.15	116.0	1830	1.54	0.19	2.63	0.82	44.8	7.0	8	17.85	19.9
Q935989		<0.02	0.006	0.59	7.25	121.0	1830	1.61	0.20	2.64	0.74	49.6	7.1	8	17.95	19.5
Q935990		7.02	<0.005	0.08	7.65	6.7	2250	1.63	0.18	2.64	0.13	48.4	7.2	8	15.50	13.2
Q935991		6.21	<0.005	0.06	7.47	3.7	2280	1.67	0.13	2.63	0.12	48.8	7.6	9	10.75	9.4
Q935992		6.25	<0.005	0.16	6.77	9.6	1590	1.37	0.26	1.96	0.27	41.7	7.1	7	20.9	14.3
Q935993		0.26	0.351	4.64	6.69	700	1140	1.31	3.46	2.03	10.65	48.8	11.7	24	12.95	323
Q935994		3.87	<0.005	0.19	7.06	18.1	1680	1.59	0.48	2.08	0.21	39.2	6.2	7	21.4	11.6
Q935995		1.56	<0.005	0.09	7.78	9.3	1430	1.18	0.15	1.14	0.19	59.1	7.5	7	13.45	9.1
Q935996		3.91	0.034	0.55	6.78	134.0	2690	1.43	0.13	1.82	0.86	44.7	7.4	7	17.35	13.5
Q935997		3.00	<0.005	0.19	7.62	19.0	2050	1.44	0.24	1.55	0.29	54.2	7.5	8	15.75	13.5
Q935998		0.91	<0.005	0.66	7.35	15.7	1920	1.76	1.50	2.03	0.33	53.3	9.5	8	16.45	9.3
Q935999		7.18	<0.005	0.01	0.09	<0.2	30	0.07	0.04	20.9	0.09	1.44	0.8	<1	0.28	2.5
Q936000		7.08	<0.005	0.08	6.80	4.3	2170	1.64	0.23	2.56	0.12	45.8	8.1	9	14.25	9.7
Q935251		3.10	<0.005	0.08	7.44	3.4	2310	1.72	0.16	2.50	0.12	54.4	7.7	8	11.25	10.8
Q935252		3.30	<0.005	0.08	8.24	4.4	2020	1.16	0.20	0.78	0.12	60.5	8.9	8	10.35	19.7
Q935253		1.94	<0.005	0.16	7.44	23.6	1180	1.27	0.31	1.18	0.24	56.9	6.0	6	13.00	14.4
Q935254		2.30	<0.005	0.18	8.42	6.2	2070	1.21	0.99	0.46	0.13	59.4	8.5	7	10.60	18.6
Q935255		3.64	<0.005	0.10	8.19	5.7	1740	1.17	0.46	0.74	0.14	60.9	8.0	7	13.45	17.6
Q935256		3.09	0.005	0.38	6.79	24.8	1140	1.48	0.35	2.80	0.57	48.6	7.2	6	15.05	13.8
Q935257		0.26	0.862	12.05	6.49	1535	990	1.33	12.65	1.86	32.6	47.4	17.4	16	13.55	288
Q935258		0.56	0.129	40.2	5.58	1620	820	1.39	0.75	2.03	57.8	45.6	9.8	6	11.75	19.5
Q935259		1.35	<0.005	1.07	6.41	34.4	1000	1.62	0.59	2.58	2.09	50.8	7.0	6	13.80	6.3
Q935260		1.79	0.010	0.39	6.31	34.8	730	1.47	0.55	3.27	0.32	49.7	7.6	6	14.65	9.7
Q935261		3.82	0.529	2.03	6.91	620	1270	1.46	0.78	1.68	4.03	48.6	7.5	7	14.85	14.0
Q935262		1.00	1.205	6.78	4.23	1535	1790	0.88	1.23	0.97	20.9	19.10	6.1	5	6.11	22.3
Q935263		7.21	<0.005	0.01	0.07	1.3	40	0.07	0.03	21.1	0.09	1.29	0.8	<1	0.19	2.0
Q935264		1.84	0.061	1.01	7.32	136.5	1240	1.43	0.70	1.97	4.94	55.0	5.9	6	12.25	12.1
Q935265		3.40	<0.005	0.15	8.22	7.5	2650	1.13	0.41	0.61	0.13	64.5	7.6	7	10.75	13.8
Q935266		2.65	<0.005	0.50	7.49	7.6	4490	1.09	0.43	1.13	0.15	53.2	6.6	7	7.84	9.2
Q935267		2.16	0.369	1.86	6.22	810	1510	1.36	0.61	2.27	0.83	42.9	7.1	6	10.40	5.4
Q935268		6.52	<0.005	0.10	7.36	10.5	2210	1.42	0.28	1.99	0.10	53.8	7.1	8	9.48	14.1
Q935269		3.31	<0.005	0.10	7.57	4.9	2220	1.50	0.26	2.12	0.10	55.0	7.3	8	9.63	15.4
Q935270		1.39	<0.005	0.10	7.90	4.4	1970	1.02	0.30	0.30	0.09	59.8	7.3	6	7.84	18.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935985		2.62	15.60	0.14	1.3	0.040	2.82	20.5	26.6	0.57	772	3.18	1.18	7.9	3.1	540
Q935986		2.89	14.85	0.15	1.4	0.053	3.21	22.9	28.8	1.12	1240	4.30	0.10	7.8	2.7	570
Q935987		3.75	18.85	0.15	4.1	0.040	1.93	37.7	216	1.24	898	1.10	0.04	11.0	16.1	1800
Q935988		2.96	16.10	0.15	1.4	0.049	2.90	20.6	29.6	0.77	1440	1.94	1.21	8.1	2.6	610
Q935989		2.95	16.15	0.15	1.5	0.048	2.90	23.0	30.1	0.77	1400	1.84	1.23	8.1	2.7	600
Q935990		3.15	16.30	0.17	1.5	0.054	2.94	22.5	20.8	0.73	819	2.36	1.63	8.4	2.4	650
Q935991		3.10	16.15	0.18	1.5	0.046	2.80	22.7	16.0	0.81	635	2.10	2.24	8.4	2.6	600
Q935992		2.68	16.15	0.16	1.4	0.048	2.50	19.0	100.5	0.51	892	2.41	0.20	8.2	2.3	600
Q935993		5.03	14.80	0.16	1.0	0.321	3.00	26.0	24.8	0.78	1800	14.05	0.15	6.1	13.7	520
Q935994		2.77	16.55	0.17	1.4	0.051	2.96	18.2	61.0	0.34	711	3.12	0.32	8.4	2.4	590
Q935995		2.69	16.40	0.16	1.5	0.039	2.67	30.4	35.6	0.45	991	1.22	0.25	8.4	3.0	610
Q935996		2.63	14.95	0.15	1.4	0.029	2.92	21.2	82.2	0.64	1880	1.10	0.16	7.8	2.4	570
Q935997		3.14	16.65	0.18	1.3	0.037	3.01	26.7	37.4	0.76	1540	1.33	0.61	8.4	2.5	600
Q935998		3.43	15.70	0.17	1.3	0.056	3.18	27.4	25.7	0.91	1750	1.21	0.14	7.7	2.7	590
Q935999		0.50	0.28	0.10	<0.1	<0.005	0.04	0.7	1.4	13.20	217	0.08	0.01	0.2	1.6	190
Q936000		2.87	16.95	0.14	1.3	0.041	2.68	20.8	23.7	0.73	654	1.35	1.64	8.5	2.6	570
Q935251		2.99	17.35	0.17	1.4	0.040	2.87	26.1	17.1	0.82	661	1.73	2.16	8.8	3.0	610
Q935252		2.98	17.85	0.17	1.4	0.040	2.94	31.4	45.6	0.67	525	2.13	0.19	9.3	2.7	680
Q935253		2.57	15.60	0.14	1.7	0.047	3.13	30.1	83.3	0.57	1070	2.20	0.09	8.3	2.1	520
Q935254		2.95	17.90	0.17	1.5	0.048	3.13	30.3	41.4	0.73	525	2.37	0.13	9.2	2.8	680
Q935255		2.84	17.30	0.15	1.4	0.040	2.87	31.0	70.5	0.65	735	1.35	0.11	8.9	2.3	640
Q935256		2.68	14.90	0.15	1.2	0.037	2.67	25.0	73.2	0.95	2680	1.67	0.05	7.4	2.1	500
Q935257		6.48	15.20	0.16	1.1	0.851	2.90	24.0	19.4	0.77	1740	9.84	0.12	6.4	11.6	520
Q935258		3.84	13.95	0.17	1.0	0.036	2.69	23.9	27.2	0.69	3970	4.07	0.02	5.7	2.8	390
Q935259		2.69	14.55	0.14	1.1	0.029	2.69	26.3	104.5	0.90	3240	1.25	0.02	6.7	2.6	480
Q935260		2.92	13.90	0.14	1.1	0.026	2.55	26.4	69.7	1.10	2130	1.21	0.03	6.9	2.2	490
Q935261		3.03	15.65	0.15	1.2	0.054	3.04	24.9	53.4	0.64	3590	3.06	0.05	7.3	2.3	530
Q935262		4.26	10.95	0.12	0.7	0.124	2.07	9.6	23.9	0.37	12500	9.05	0.02	3.9	1.9	320
Q935263		0.50	0.30	0.10	<0.1	<0.005	0.03	0.6	1.3	13.35	223	0.09	<0.01	0.1	1.7	180
Q935264		3.58	16.25	0.16	1.2	0.076	3.61	28.5	27.3	0.76	7810	2.50	0.04	7.6	2.4	560
Q935265		2.99	17.95	0.18	1.5	0.036	2.98	33.5	46.3	0.70	790	1.38	0.09	9.3	2.4	650
Q935266		3.05	15.80	0.15	1.3	0.037	3.10	27.4	35.1	0.75	1010	1.14	0.12	7.9	2.2	600
Q935267		2.80	13.80	0.15	1.1	0.029	3.16	22.6	25.2	0.77	3880	1.39	0.04	6.4	2.1	450
Q935268		2.90	16.35	0.14	1.4	0.038	2.72	26.0	29.2	0.76	681	1.40	1.55	8.4	2.4	590
Q935269		2.91	16.55	0.15	1.4	0.039	2.78	26.4	26.1	0.76	680	1.41	1.68	8.6	2.4	610
Q935270		2.80	16.40	0.17	1.5	0.038	2.75	31.1	42.7	0.63	500	0.99	0.13	9.0	2.4	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125365

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935985		20.6	112.0	<0.002	0.02	10.65	10.4	<1	1.7	190.5	0.66	<0.05	12.1	0.238	1.49	3.6
Q935986		12.2	122.0	<0.002	0.18	11.65	9.9	1	1.7	110.5	0.67	<0.05	12.2	0.251	1.90	5.4
Q935987		23.9	79.3	0.002	0.04	24.7	9.2	<1	1.5	1140	0.66	<0.05	7.9	0.474	1.16	3.6
Q935988		67.7	108.0	0.002	0.18	11.80	10.4	<1	2.0	261	0.66	<0.05	12.0	0.266	1.55	4.4
Q935989		65.4	110.0	<0.002	0.17	11.45	10.6	<1	2.0	265	0.66	<0.05	13.1	0.264	1.56	4.7
Q935990		22.2	111.0	<0.002	0.03	6.32	11.1	1	1.8	305	0.68	<0.05	13.2	0.278	1.29	3.9
Q935991		20.6	102.0	0.002	0.02	3.04	10.7	1	1.7	372	0.71	<0.05	12.9	0.271	1.04	3.8
Q935992		23.3	85.7	<0.002	0.06	22.9	10.3	1	2.0	149.0	0.72	<0.05	10.7	0.256	1.36	3.7
Q935993		492	158.0	0.003	2.72	28.2	9.1	1	5.5	108.0	0.48	0.31	10.8	0.211	2.38	5.0
Q935994		18.9	113.5	<0.002	0.06	19.50	9.9	1	2.0	154.5	0.73	<0.05	11.0	0.263	1.56	4.2
Q935995		17.1	120.0	<0.002	0.11	25.9	10.5	1	1.7	80.2	0.70	<0.05	15.1	0.259	1.33	4.1
Q935996		94.5	116.0	<0.002	0.43	26.6	9.6	1	1.8	132.5	0.67	<0.05	11.9	0.239	1.78	7.2
Q935997		28.6	126.0	0.002	0.10	12.50	11.2	1	1.9	145.0	0.68	<0.05	13.8	0.260	1.55	4.2
Q935998		25.7	156.5	0.002	0.34	17.40	11.0	<1	1.8	84.6	0.63	<0.05	13.5	0.250	2.03	4.9
Q935999		2.1	2.1	<0.002	<0.01	0.09	0.3	<1	<0.2	51.9	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q936000		20.3	98.7	<0.002	0.02	5.15	11.4	1	1.9	310	0.69	<0.05	11.8	0.254	1.16	4.0
Q935251		22.7	118.0	<0.002	0.01	2.43	11.8	<1	1.7	370	0.72	<0.05	14.1	0.264	1.25	3.8
Q935252		21.9	129.5	<0.002	0.02	14.00	12.3	1	2.8	89.7	0.77	<0.05	15.7	0.296	1.24	3.0
Q935253		19.5	152.0	<0.002	0.07	21.7	10.1	1	1.6	77.5	0.85	<0.05	19.3	0.225	1.59	3.8
Q935254		24.5	134.0	<0.002	0.04	13.00	11.8	<1	2.0	71.0	0.77	<0.05	16.7	0.301	1.43	3.7
Q935255		20.9	123.5	<0.002	0.03	15.05	11.2	1	2.4	95.4	0.78	<0.05	16.0	0.276	1.35	3.3
Q935256		25.6	125.0	0.002	0.26	21.5	9.6	<1	1.6	177.5	0.62	<0.05	13.3	0.221	2.15	7.0
Q935257		1310	168.5	<0.002	4.66	64.2	9.5	1	8.0	96.3	0.52	1.21	11.0	0.211	2.50	5.2
Q935258		2230	167.0	<0.002	2.94	57.3	8.8	<1	6.1	64.2	0.48	<0.05	10.9	0.176	2.33	9.1
Q935259		96.1	146.0	<0.002	0.46	28.4	9.3	1	1.5	142.0	0.57	<0.05	12.0	0.210	2.07	13.0
Q935260		23.9	139.5	<0.002	0.53	26.7	9.5	1	1.4	123.5	0.57	<0.05	12.3	0.212	1.99	5.6
Q935261		102.0	149.5	<0.002	0.88	34.0	9.9	1	2.2	99.2	0.59	<0.05	12.6	0.227	2.04	5.6
Q935262		379	129.0	0.002	3.43	151.5	5.7	<1	4.7	41.5	0.32	<0.05	6.5	0.135	1.70	7.7
Q935263		2.3	1.5	<0.002	0.01	0.28	0.2	<1	<0.2	49.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q935264		178.5	201	0.002	0.88	25.2	10.8	1	1.6	103.0	0.61	<0.05	13.2	0.237	2.66	10.2
Q935265		23.0	138.0	<0.002	0.05	15.25	12.2	1	1.8	75.4	0.78	<0.05	16.1	0.291	1.44	2.9
Q935266		30.1	136.0	<0.002	0.11	12.85	10.8	<1	1.6	91.7	0.64	<0.05	14.0	0.262	1.47	3.8
Q935267		77.9	180.0	<0.002	1.22	30.2	8.8	1	1.7	73.5	0.54	<0.05	11.5	0.200	2.27	8.4
Q935268		23.3	110.0	<0.002	0.03	7.04	10.6	1	1.8	278	0.71	<0.05	13.5	0.256	1.16	3.4
Q935269		20.8	111.0	<0.002	0.02	6.84	11.0	1	1.9	297	0.73	<0.05	13.8	0.269	1.17	3.6
Q935270		27.6	122.0	<0.002	0.01	15.70	11.5	1	2.0	64.2	0.78	<0.05	15.9	0.264	1.12	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125365

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q935985		62	2.3	13.9	63	36.2
Q935986		63	2.3	14.0	62	35.9
Q935987		92	3.0	12.9	92	179.5
Q935988		70	4.5	14.8	108	36.0
Q935989		70	4.7	15.2	106	39.2
Q935990		74	4.0	16.2	55	37.4
Q935991		71	4.6	16.4	54	40.2
Q935992		72	2.9	14.4	65	38.3
Q935993		65	5.7	11.3	873	28.8
Q935994		71	3.4	14.4	68	37.9
Q935995		61	6.1	17.2	65	39.7
Q935996		64	3.6	15.0	112	38.2
Q935997		68	4.6	16.7	76	34.4
Q935998		70	3.3	16.9	91	32.8
Q935999		2	0.1	0.9	19	<0.5
Q936000		68	3.5	15.9	51	33.9
Q935251		70	4.1	17.8	55	36.5
Q935252		78	8.1	17.8	57	38.0
Q935253		61	5.0	16.2	65	41.0
Q935254		79	7.7	16.6	60	39.0
Q935255		72	8.1	17.4	60	37.1
Q935256		60	4.2	16.1	89	33.0
Q935257		61	6.2	11.6	2350	28.2
Q935258		52	3.9	13.8	3920	28.9
Q935259		58	4.0	15.9	224	29.8
Q935260		59	4.3	15.6	61	29.0
Q935261		62	6.1	14.4	429	30.7
Q935262		39	8.2	7.3	2170	18.4
Q935263		2	0.1	0.8	19	<0.5
Q935264		65	7.5	15.9	617	31.9
Q935265		75	10.2	19.5	56	38.0
Q935266		68	5.2	16.8	66	32.5
Q935267		55	3.6	13.6	130	28.8
Q935268		68	3.4	16.8	52	37.7
Q935269		71	2.8	17.0	53	36.4
Q935270		69	6.5	17.9	53	38.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125365

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125366

Project: KLAZA

P.O. No.: BATCH 168

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

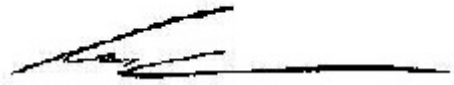
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125366

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933984		1.85	2.11	4.97	7.04	57.3	1750	1.40	7.69	2.75	0.19	49.3	15.1	11	15.75	446
Q933985		1.68	0.006	0.24	7.07	22.6	1460	1.60	0.69	2.14	0.11	49.3	2.6	8	13.50	7.4
Q933986		3.15	1.470	25.3	6.26	982	410	1.44	0.79	3.03	168.5	49.0	11.8	6	14.65	66.6
Q933987		5.55	0.008	0.65	7.10	48.1	1650	1.60	1.08	2.53	1.47	47.0	5.1	8	20.1	6.3
Q933988		0.30	0.398	4.74	6.69	701	1180	1.44	3.83	2.05	11.45	51.3	12.7	23	13.85	307
Q933989		4.04	0.023	0.23	6.77	54.7	2370	1.46	0.61	2.27	0.32	44.1	9.1	7	14.55	3.3
Q933990		6.31	<0.005	0.12	6.96	14.5	1990	1.52	0.40	1.99	0.10	45.9	3.9	11	16.30	2.9
Q933991		6.70	0.469	4.23	7.40	1055	1390	1.15	1.98	0.82	32.9	41.0	18.2	6	14.00	42.1
Q933992		<0.02	0.741	3.70	7.54	1025	1660	1.17	1.96	0.84	34.2	39.5	19.1	7	14.20	42.7
Q933993		3.78	0.009	0.32	7.68	97.0	560	1.39	0.42	2.60	0.89	57.3	2.6	11	9.08	3.7
Q933994		7.59	0.032	2.65	7.73	127.5	1200	1.45	1.63	2.62	1.75	61.5	27.3	5	13.95	5.4
Q933995		2.22	<0.005	0.23	7.88	17.7	1860	1.75	0.52	1.96	0.21	51.1	6.5	11	21.9	7.7
Q933996		6.31	<0.005	0.12	7.68	8.8	2310	1.49	0.44	2.35	0.10	58.6	5.1	12	8.89	18.5
Q933997		5.91	0.025	0.40	7.39	9.4	2210	1.78	0.57	2.70	0.81	53.3	9.0	13	13.60	164.5
Q933998		4.19	3.32	2.85	7.50	670	2280	1.66	2.06	2.63	11.15	53.8	6.0	11	19.30	116.5
Q933999		2.97	0.166	6.47	6.56	519	1860	1.32	0.58	2.85	10.65	44.1	7.9	7	12.95	236
Q934000		6.12	<0.005	0.02	0.09	1.8	40	0.06	0.03	20.9	0.11	1.50	0.7	<1	0.21	2.9
Q934001		4.56	0.005	0.15	8.21	80.8	870	1.70	0.09	2.39	0.40	76.1	10.8	44	36.2	12.0
Q934002		6.40	0.027	0.64	7.79	76.5	830	1.75	0.26	2.04	0.57	47.8	6.8	10	26.9	16.7
Q934003		3.21	0.243	1.17	7.11	374	990	1.48	0.30	2.24	2.67	52.4	5.9	9	17.25	10.8
Q934004		9.45	0.006	0.33	7.61	38.3	1080	1.66	0.44	2.43	0.56	46.5	7.1	10	22.5	32.0
Q934005		4.89	0.008	0.47	8.07	47.0	1290	1.75	0.43	2.41	1.14	48.9	6.7	10	24.3	39.5
Q934006		6.47	0.023	0.98	7.91	48.7	2030	1.51	0.56	1.24	2.91	54.6	3.6	11	13.20	17.9
Q934007		1.96	0.045	1.97	7.44	49.7	1190	1.42	2.30	1.72	24.4	45.3	8.1	10	9.41	20.6
Q934008		0.29	0.954	11.70	6.66	1580	1330	1.42	12.85	1.89	34.6	47.8	17.9	17	13.80	288
Q934009		5.80	0.015	0.29	7.38	18.1	2430	1.43	0.65	2.07	0.42	45.2	2.8	9	8.95	2.7
Q934010		9.59	<0.005	0.07	6.96	5.2	2530	1.39	0.56	2.26	0.09	44.1	5.3	10	13.30	6.4
Q934011		4.72	<0.005	0.11	7.15	9.2	1930	1.45	0.41	1.60	0.10	62.9	3.3	9	12.75	3.0
Q934012		4.62	0.342	0.78	6.21	15.8	5710	1.36	1.08	5.76	0.80	45.8	4.6	5	14.40	2.0
Q934013		2.55	0.007	0.11	7.37	7.0	2820	1.60	0.39	2.41	0.04	47.7	3.3	11	10.50	0.5
Q934015		2.82	0.051	0.13	6.60	7.0	4510	1.40	0.43	2.67	0.10	49.3	3.2	7	13.90	1.3
Q934016		7.51	0.152	0.74	6.98	17.8	3030	1.19	3.72	1.69	0.25	60.6	10.6	8	8.82	52.3
Q934017		9.02	<0.005	0.01	0.09	<0.2	50	0.08	0.04	20.4	0.06	1.13	0.7	1	0.23	1.2
Q934018		1.58	0.013	0.22	6.79	48.3	2160	1.31	0.32	2.21	0.18	53.9	5.7	9	12.40	4.3
Q934019		5.56	0.041	2.04	5.23	123.5	1790	1.48	0.20	2.30	1.82	28.4	9.8	6	21.1	11.4
Q934020		5.20	0.043	0.32	7.31	118.5	1290	1.24	2.17	0.52	0.66	46.3	6.8	9	21.6	14.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933984		4.12	14.80	0.16	1.2	0.201	3.22	26.7	23.1	0.86	1400	2.49	0.59	7.1	3.7	580
Q933985		3.12	14.65	0.17	1.4	0.177	3.61	26.1	66.6	0.85	1450	1.50	0.11	7.1	2.5	520
Q933986		4.78	14.40	0.15	1.0	0.266	2.90	27.2	19.9	0.93	4070	2.19	0.02	6.5	2.7	490
Q933987		2.97	15.20	0.19	1.0	0.158	3.10	25.0	75.7	0.93	1980	5.53	0.09	7.9	2.7	590
Q933988		5.08	15.60	0.18	1.1	0.317	2.97	29.3	26.0	0.79	1840	13.25	0.15	6.2	14.9	540
Q933989		3.14	13.95	0.16	1.0	0.084	3.13	22.5	88.4	0.79	1640	3.03	0.51	7.1	2.2	550
Q933990		3.53	15.45	0.18	1.1	0.169	3.36	23.8	38.9	0.80	1470	2.19	0.45	8.3	2.6	630
Q933991		8.61	19.15	0.19	0.8	0.520	3.61	19.6	13.9	0.44	1640	2.52	0.03	6.9	2.7	540
Q933992		8.75	19.65	0.18	0.9	0.506	3.64	19.0	13.9	0.45	1620	2.46	0.04	7.0	3.7	550
Q933993		4.15	16.00	0.17	1.0	0.287	3.81	30.5	8.2	0.91	5730	1.87	0.03	8.3	2.6	680
Q933994		7.03	19.75	0.17	0.9	0.409	3.37	31.9	55.8	1.05	4410	2.48	0.39	7.7	2.7	640
Q933995		2.72	16.35	0.18	1.0	0.092	4.03	26.9	117.0	0.75	1220	2.63	0.14	8.2	2.6	640
Q933996		3.46	16.25	0.17	0.9	0.105	3.23	31.1	9.6	0.83	774	3.93	2.06	8.0	2.9	650
Q933997		3.51	16.45	0.17	1.2	0.109	2.80	25.9	13.4	0.99	818	4.78	2.14	9.6	2.8	690
Q933998		3.24	16.40	0.17	1.2	0.096	3.38	28.2	49.4	0.93	3210	2.32	0.08	8.4	2.6	600
Q933999		4.66	14.40	0.15	1.0	0.213	3.09	22.9	13.3	0.95	4680	5.02	0.03	6.8	2.3	530
Q934000		0.50	0.23	0.15	<0.1	0.006	0.04	0.7	1.0	13.10	228	0.10	<0.01	0.2	1.6	170
Q934001		3.66	19.45	0.24	4.0	0.040	2.75	39.5	332	1.39	970	0.61	0.04	11.4	17.9	1870
Q934002		3.20	17.20	0.17	1.0	0.086	2.85	23.8	194.0	0.79	1680	14.10	0.05	8.3	3.8	720
Q934003		3.96	16.30	0.20	0.8	0.186	3.33	28.6	81.4	0.86	4460	13.20	0.04	7.6	3.0	620
Q934004		3.22	15.85	0.20	0.9	0.095	2.95	23.5	217	0.88	1560	2.24	0.05	7.9	2.5	670
Q934005		3.26	16.65	0.16	1.0	0.078	3.08	25.3	234	0.90	1580	2.42	0.05	8.2	2.6	660
Q934006		3.10	16.15	0.16	1.8	0.111	3.41	30.8	92.1	0.58	1900	3.39	0.06	7.6	2.3	580
Q934007		4.77	15.50	0.17	1.1	0.412	3.48	24.5	60.5	0.94	2740	2.65	0.03	7.6	2.8	610
Q934008		6.68	15.50	0.15	1.0	0.828	2.92	25.5	19.4	0.79	1800	8.44	0.13	6.5	12.7	540
Q934009		3.96	14.10	0.16	1.6	0.259	3.54	23.9	36.8	0.88	1920	2.12	0.51	7.6	2.5	570
Q934010		3.25	15.05	0.15	1.6	0.065	3.31	21.6	18.6	0.69	719	1.45	1.34	7.6	2.7	630
Q934011		2.61	14.05	0.17	1.6	0.160	3.43	34.6	32.3	0.70	840	6.97	0.81	7.5	2.1	500
Q934012		3.63	13.10	0.18	1.3	0.196	2.40	26.1	88.9	1.56	2290	5.84	0.05	6.0	2.7	480
Q934013		3.38	14.90	0.19	1.5	0.245	3.66	24.7	37.2	0.99	1470	16.00	0.14	7.7	2.3	610
Q934015		3.50	13.65	0.18	1.2	0.259	2.50	27.4	73.4	1.08	1560	64.5	0.02	6.5	1.8	470
Q934016		4.74	16.80	0.21	1.1	0.347	3.13	30.5	44.4	0.76	1840	1.29	1.18	8.3	2.7	630
Q934017		0.47	0.28	0.22	<0.1	0.006	0.04	0.5	1.4	13.05	202	0.16	0.01	0.1	1.9	190
Q934018		4.18	17.75	0.19	0.8	0.282	3.02	28.1	16.4	0.69	2230	1.39	1.01	7.5	2.4	580
Q934019		2.88	14.15	0.14	1.2	0.046	2.53	12.3	40.2	0.15	3110	1.37	0.04	7.3	3.1	490
Q934020		2.63	16.25	0.15	1.3	0.053	3.15	24.2	70.5	0.13	1270	1.98	0.08	8.0	2.8	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125366

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933984		18.9	162.5	0.003	1.03	59.1	10.0	<1	1.8	157.0	0.54	0.21	11.8	0.227	2.41	4.6
Q933985		8.8	165.0	<0.002	0.18	11.75	8.7	<1	1.6	130.0	0.58	<0.05	15.9	0.214	2.60	4.3
Q933986		3780	163.5	<0.002	4.05	59.1	9.2	1	3.3	105.5	0.52	0.57	12.4	0.201	2.82	6.6
Q933987		52.5	154.0	<0.002	0.52	15.45	10.0	1	5.8	189.5	0.62	<0.05	12.0	0.247	2.72	5.9
Q933988		486	166.5	0.006	2.74	28.9	9.4	1	5.5	112.0	0.49	0.36	11.4	0.207	2.53	5.3
Q933989		16.1	134.5	<0.002	0.38	20.2	9.2	1	2.8	165.0	0.56	<0.05	12.1	0.222	2.00	3.2
Q933990		7.9	148.0	<0.002	0.14	9.34	11.3	<1	2.7	159.5	0.62	<0.05	12.4	0.273	2.32	3.9
Q933991		229	245	<0.002	7.92	32.0	10.6	<1	4.9	50.1	0.60	0.24	10.3	0.225	3.33	6.0
Q933992		233	249	<0.002	8.06	30.8	10.6	<1	4.9	51.6	0.62	0.24	9.9	0.227	3.24	5.9
Q933993		23.9	258	<0.002	0.69	8.55	12.0	<1	1.9	44.5	0.65	<0.05	13.5	0.267	3.60	4.3
Q933994		352	163.5	<0.002	1.79	14.75	12.1	<1	2.8	129.0	0.60	0.10	13.8	0.242	3.22	8.0
Q933995		15.6	184.0	<0.002	0.15	13.45	10.5	<1	1.9	212	0.63	<0.05	13.0	0.264	2.89	5.8
Q933996		15.0	139.5	<0.002	0.04	3.13	10.9	1	2.0	331	0.64	<0.05	15.3	0.267	1.54	4.5
Q933997		29.0	121.0	<0.002	0.06	5.95	12.9	1	2.4	383	0.83	0.07	13.0	0.312	1.46	5.2
Q933998		169.5	176.5	<0.002	1.20	75.6	10.3	1	2.8	184.5	0.76	<0.05	15.3	0.245	2.80	7.1
Q933999		575	201	<0.002	3.22	124.5	9.1	1	2.7	115.0	0.55	0.08	12.5	0.219	2.91	6.7
Q934000		2.2	1.7	<0.002	0.01	0.30	0.2	<1	<0.2	50.9	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q934001		22.3	106.5	<0.002	0.07	33.2	9.0	<1	1.3	2340	0.67	<0.05	7.9	0.468	1.85	3.1
Q934002		41.6	116.0	<0.002	0.34	27.0	11.9	<1	2.0	210	0.58	<0.05	10.2	0.303	2.17	4.3
Q934003		114.5	190.5	<0.002	1.38	27.4	11.0	<1	2.2	140.5	0.55	<0.05	11.6	0.261	2.92	8.2
Q934004		27.5	118.5	<0.002	0.31	26.4	10.5	<1	2.0	201	0.58	<0.05	11.4	0.260	2.33	5.0
Q934005		46.6	134.5	<0.002	0.41	29.8	10.9	<1	2.1	212	0.60	<0.05	11.9	0.275	2.48	4.8
Q934006		243	168.5	<0.002	0.48	18.55	9.8	<1	2.6	113.5	0.61	<0.05	18.1	0.242	2.36	4.7
Q934007		599	204	0.002	0.86	8.72	10.6	<1	2.8	97.2	0.63	0.24	13.7	0.249	3.04	5.0
Q934008		1320	170.0	<0.002	4.80	64.0	9.4	1	7.9	100.0	0.53	1.12	11.4	0.203	2.71	5.4
Q934009		30.3	176.0	<0.002	0.24	7.15	9.1	<1	2.5	134.0	0.75	<0.05	15.6	0.233	2.56	5.5
Q934010		16.8	122.0	<0.002	0.02	5.30	10.1	1	1.7	280	0.59	<0.05	13.1	0.253	1.68	4.4
Q934011		11.2	148.0	<0.002	0.09	6.51	8.3	<1	2.9	178.0	0.73	<0.05	19.2	0.208	2.02	5.5
Q934012		12.0	129.5	<0.002	0.29	14.60	8.4	1	2.5	205	0.48	0.16	12.0	0.199	1.81	14.0
Q934013		6.7	154.5	<0.002	0.12	7.78	10.3	<1	2.3	158.5	0.60	<0.05	13.1	0.256	2.56	3.8
Q934015		8.6	134.0	0.006	0.25	7.46	8.5	<1	2.3	159.0	0.55	<0.05	14.5	0.190	1.97	6.3
Q934016		25.9	134.5	<0.002	0.62	7.49	12.4	<1	3.7	146.0	0.66	<0.05	15.7	0.261	2.05	4.3
Q934017		1.4	1.8	<0.002	<0.01	0.07	0.2	<1	<0.2	50.3	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q934018		14.8	158.0	<0.002	0.49	4.65	10.2	1	2.8	159.5	0.59	0.05	13.8	0.234	2.13	4.8
Q934019		57.6	110.5	<0.002	0.07	26.5	7.7	<1	1.8	103.5	0.58	<0.05	8.4	0.225	2.69	3.1
Q934020		20.0	155.5	0.003	0.01	32.0	9.9	<1	1.7	87.1	0.69	<0.05	14.9	0.246	2.00	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125366

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q933984		67	4.6	15.2	78	32.8	
Q933985		58	3.5	13.0	46	45.3	
Q933986		54	4.5	14.4	>10000	26.9	1.075
Q933987		62	4.1	14.8	163	25.5	
Q933988		64	5.6	12.1	882	29.0	
Q933989		61	3.8	13.4	62	25.5	
Q933990		72	4.9	13.6	56	28.4	
Q933991		80	14.0	10.0	4430	18.8	
Q933992		82	14.1	10.6	4480	18.8	
Q933993		69	8.3	16.5	151	23.1	
Q933994		74	23.7	15.8	217	21.1	
Q933995		71	9.2	14.1	53	24.4	
Q933996		72	9.8	16.5	52	23.5	
Q933997		92	15.2	20.4	113	26.5	
Q933998		68	14.0	15.5	1410	26.9	
Q933999		65	10.3	12.3	1140	21.3	
Q934000		2	0.1	0.8	22	<0.5	
Q934001		93	3.1	12.5	115	172.0	
Q934002		80	7.6	14.2	81	25.6	
Q934003		70	7.6	14.0	234	19.8	
Q934004		71	11.4	15.3	99	21.2	
Q934005		73	11.5	15.2	167	22.6	
Q934006		65	3.7	13.2	364	53.1	
Q934007		68	5.3	11.6	2530	28.0	
Q934008		62	6.2	11.7	2440	27.5	
Q934009		60	8.0	12.7	112	43.0	
Q934010		69	2.4	13.7	48	51.2	
Q934011		53	2.3	12.8	44	43.5	
Q934012		62	4.2	19.4	136	35.9	
Q934013		65	7.7	14.1	61	41.1	
Q934015		54	6.8	12.6	66	33.0	
Q934016		69	14.3	15.3	103	28.2	
Q934017		2	0.1	0.7	16	<0.5	
Q934018		74	10.1	14.8	83	19.7	
Q934019		65	4.4	9.9	129	29.2	
Q934020		64	10.9	13.6	84	33.8	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125366

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Zn-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125367

Project: KLAZA

P.O. No.: BATCH 162

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125367

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933912		2.49	<0.005	0.12	6.41	10.5	1980	1.75	0.14	2.28	0.15	39.3	6.5	14	20.2	9.6
Q933913		3.42	0.010	0.31	6.82	156.5	2280	1.40	0.18	2.87	0.33	50.7	5.0	10	21.2	4.9
Q933914		4.14	0.005	0.35	6.71	148.5	4820	1.40	0.19	2.22	0.41	46.5	5.4	11	23.3	5.9
Q933915		<0.02	<0.005	0.38	6.67	155.0	4850	1.43	0.19	2.18	0.40	46.1	5.5	10	23.6	6.3
Q933916		5.28	0.042	1.80	6.04	264	2420	1.30	0.16	2.33	1.13	44.6	5.3	7	19.10	61.6
Q933917		2.58	<0.005	0.17	7.41	27.6	2210	1.22	0.14	1.88	0.21	43.6	6.9	10	19.55	17.9
Q933918		1.37	0.005	0.26	6.19	102.0	1970	1.46	0.34	4.56	0.15	43.1	6.0	8	18.45	21.1
Q933919		3.68	<0.005	0.19	6.69	29.7	1840	1.48	0.15	2.43	0.17	44.7	7.6	11	25.2	11.0
Q933920		7.26	<0.005	0.09	7.19	8.6	2170	1.47	0.13	2.59	0.11	46.5	7.3	10	15.30	14.1
Q933921		1.92	<0.005	0.07	6.28	12.6	2230	1.36	0.18	2.99	0.19	48.9	6.1	9	18.90	7.5
Q933922		4.92	<0.005	0.12	7.01	22.3	1750	1.46	0.11	2.19	0.09	43.5	7.2	8	22.8	11.6
Q933923		1.76	<0.005	0.11	6.46	26.4	1370	1.38	0.10	2.04	0.08	43.7	7.5	9	22.7	11.7
Q933924		2.31	0.010	0.15	5.58	21.7	1220	1.17	0.25	3.22	0.32	40.5	6.5	8	14.50	8.9
Q933925		2.27	<0.005	0.11	7.27	7.5	1750	1.30	0.15	1.53	0.19	43.6	7.1	9	19.15	11.1
Q933926		0.26	0.353	4.31	6.16	669	300	1.37	3.24	1.90	10.80	49.0	11.8	22	13.10	294
Q933927		2.73	<0.005	0.25	6.84	6.1	2160	1.30	0.11	2.06	0.89	41.4	7.2	9	14.65	12.4
Q933928		6.78	<0.005	0.11	7.38	3.3	2160	1.53	0.17	2.70	0.13	51.1	7.8	11	10.25	10.1
Q933929		3.23	<0.005	0.32	7.11	10.0	2120	1.63	0.11	2.65	0.62	51.2	7.5	16	12.95	8.6
Q933930		2.85	<0.005	0.15	6.67	23.4	2050	1.51	0.12	2.50	0.30	41.6	5.8	11	17.00	6.4
Q933931		2.38	0.172	1.24	6.04	262	280	1.38	1.03	2.95	1.35	41.1	18.0	8	16.20	8.5
Q933932		5.54	<0.005	<0.01	0.07	<0.2	30	0.05	0.02	19.25	0.06	1.30	0.6	1	0.14	1.2
Q933933		4.65	0.122	1.41	6.98	181.0	1170	1.37	0.11	3.07	0.46	49.3	8.2	6	24.1	14.8
Q933934		6.03	0.007	0.35	6.68	29.1	2250	1.25	0.18	2.67	1.55	41.2	7.4	10	15.25	17.2
Q933935		1.55	0.025	1.12	6.64	167.5	2310	1.42	0.15	3.22	1.58	42.9	8.0	9	20.1	9.8
Q933936		5.47	<0.005	0.17	6.65	35.0	2130	1.38	0.12	2.56	0.12	45.5	7.1	10	20.7	8.4
Q933937		0.26	0.844	11.00	5.97	1450	140	1.34	11.25	1.69	31.2	44.5	15.9	16	12.65	258
Q933938		3.93	0.610	21.5	6.27	2130	360	1.30	0.26	2.30	11.55	47.8	6.1	8	20.9	31.3
Q933939		2.08	<0.005	0.24	7.16	163.5	2420	1.54	0.11	2.59	0.13	43.1	8.4	13	19.15	7.6
Q933940		6.62	<0.005	0.11	6.94	33.4	2370	1.47	0.15	2.49	0.14	44.5	7.6	10	17.75	8.3
Q933941		1.41	0.008	1.29	6.59	46.9	3140	1.52	0.24	1.69	1.76	44.0	4.9	9	20.0	22.7
Q933942		5.71	<0.005	0.08	6.89	8.3	2450	1.59	0.18	2.62	0.11	47.2	7.9	12	12.70	10.0
Q933943		5.62	<0.005	0.13	6.86	7.4	2180	1.60	0.26	2.64	0.11	44.4	7.6	12	15.70	10.3
Q933944		2.00	0.677	38.2	6.25	197.5	720	1.63	1.51	2.23	18.30	45.5	10.9	14	22.2	110.5
Q933945		6.07	<0.005	0.02	0.06	<0.2	60	0.05	0.02	19.85	0.06	1.05	0.6	<1	0.16	1.2
Q933946		7.78	<0.005	0.06	6.51	13.2	880	1.58	0.07	2.95	0.17	54.5	5.1	26	27.2	7.5
Q933947		12.46	<0.005	0.11	6.42	15.5	1550	1.72	0.05	3.07	0.14	49.6	5.3	18	30.6	6.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933912		2.67	16.70	0.05	1.4	0.054	2.97	17.9	62.3	0.55	684	2.20	1.12	9.0	2.4	580
Q933913		3.28	15.70	0.05	1.1	0.163	3.07	28.0	28.4	1.07	1860	1.77	0.04	7.4	2.6	530
Q933914		2.60	15.75	0.05	1.1	0.093	2.83	23.7	40.6	0.76	1880	1.71	0.02	7.9	2.4	570
Q933915		2.59	15.85	0.05	1.1	0.094	2.79	23.5	40.5	0.75	1850	1.84	0.02	7.9	2.5	550
Q933916		2.58	13.85	0.05	1.0	0.067	2.48	24.9	39.8	0.79	3050	4.24	0.02	6.3	2.4	480
Q933917		2.92	16.05	0.05	1.0	0.047	3.02	21.7	18.5	0.56	1020	6.17	0.84	7.6	2.4	630
Q933918		3.45	14.35	<0.05	1.0	0.084	2.63	22.4	17.4	1.39	2030	1.56	0.70	7.0	2.5	520
Q933919		2.68	15.85	0.05	1.1	0.042	2.84	22.7	110.0	0.73	1020	2.01	0.33	7.8	2.4	550
Q933920		3.09	17.10	0.06	1.2	0.052	3.00	23.1	23.2	0.76	842	4.64	1.67	8.3	2.5	650
Q933921		2.61	15.10	0.06	1.0	0.055	2.59	25.2	61.9	0.91	860	2.46	0.09	7.3	3.1	510
Q933922		2.78	15.50	0.06	1.1	0.037	3.09	21.1	31.1	0.72	710	1.39	0.43	7.9	2.4	590
Q933923		2.62	15.55	<0.05	1.0	0.031	2.97	21.1	25.0	0.67	689	1.76	0.33	7.8	2.4	550
Q933924		3.14	12.05	0.05	0.7	0.088	2.16	22.0	106.5	1.05	1880	2.61	0.06	5.6	2.7	430
Q933925		2.95	17.15	0.05	1.0	0.045	2.72	20.3	108.0	0.56	814	6.07	0.26	8.0	2.5	640
Q933926		4.71	14.95	<0.05	1.0	0.309	2.72	27.0	27.2	0.73	1700	14.45	0.14	5.9	14.1	490
Q933927		2.87	15.80	<0.05	0.9	0.039	2.65	19.6	26.9	0.63	967	1.43	0.91	7.6	2.5	600
Q933928		3.00	16.70	0.08	1.0	0.041	2.61	25.4	15.2	0.86	674	1.47	2.31	8.2	3.0	650
Q933929		2.91	16.75	0.06	1.1	0.045	2.71	24.8	13.1	0.77	811	2.23	1.96	8.3	2.7	610
Q933930		2.84	16.30	<0.05	0.9	0.083	3.08	18.9	18.8	0.64	1170	4.43	1.22	7.8	2.8	610
Q933931		3.90	14.05	<0.05	0.7	0.148	2.92	22.0	18.8	0.88	2880	1.76	0.04	6.2	3.1	500
Q933932		0.44	0.25	0.18	<0.1	<0.005	0.03	0.6	1.1	11.90	175	0.16	<0.01	0.2	1.4	210
Q933933		2.70	15.35	0.13	0.7	0.039	3.44	25.6	20.1	0.90	2410	2.84	0.07	7.1	2.5	600
Q933934		2.99	15.40	0.09	0.8	0.100	2.83	18.6	9.7	0.76	953	1.50	1.53	7.5	2.6	610
Q933935		3.00	15.30	0.07	0.9	0.042	2.81	20.8	11.2	0.84	1460	1.41	1.45	7.3	3.0	580
Q933936		2.86	15.70	0.09	1.0	0.036	2.97	20.3	15.5	0.70	935	1.12	1.41	7.9	2.6	620
Q933937		6.01	14.20	<0.05	1.0	0.757	2.60	23.5	17.8	0.71	1610	8.42	0.12	5.9	11.1	480
Q933938		3.39	14.35	0.05	0.8	0.088	2.68	25.2	25.3	0.81	5190	9.40	0.03	6.7	3.0	530
Q933939		3.16	17.10	0.09	0.9	0.053	2.85	19.3	11.8	0.71	1540	1.47	1.84	8.2	3.0	670
Q933940		2.99	16.80	0.06	0.9	0.040	2.50	20.3	15.6	0.79	661	1.63	2.26	8.3	2.9	650
Q933941		2.68	15.70	0.07	0.8	0.110	2.97	21.0	42.2	0.61	1480	2.19	0.79	7.6	2.6	590
Q933942		3.03	16.75	0.09	1.0	0.043	2.55	21.8	19.2	0.82	686	2.03	2.38	8.3	2.9	620
Q933943		2.88	17.00	0.11	1.0	0.046	2.47	20.4	21.7	0.72	644	2.52	2.17	8.3	2.9	620
Q933944		3.21	15.05	0.05	1.8	0.181	2.65	23.7	38.8	0.79	3290	15.40	0.10	6.8	13.6	510
Q933945		0.44	0.23	0.19	<0.1	<0.005	0.02	0.5	1.0	12.25	187	0.15	0.01	0.2	1.2	170
Q933946		2.03	17.85	0.20	3.5	0.028	2.29	26.8	47.0	0.89	492	0.62	0.06	8.4	17.5	620
Q933947		2.10	17.90	0.14	2.4	0.027	2.41	23.5	45.5	0.81	417	0.66	0.05	8.4	11.2	700

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125367

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933912		17.7	118.5	<0.002	0.05	8.82	9.9	<1	1.6	227	0.78	<0.05	11.8	0.239	1.66	4.3
Q933913		14.9	182.5	<0.002	0.34	12.55	9.8	1	1.4	111.5	0.61	<0.05	13.3	0.224	2.80	7.6
Q933914		22.5	128.0	<0.002	0.34	13.55	9.4	<1	1.4	134.0	0.72	<0.05	12.4	0.232	2.84	5.3
Q933915		25.4	130.0	<0.002	0.34	13.90	9.5	1	1.5	134.5	0.70	<0.05	12.4	0.232	2.79	5.4
Q933916		66.2	144.0	<0.002	0.77	39.7	8.5	1	1.4	89.6	0.53	<0.05	12.3	0.201	2.52	6.4
Q933917		17.4	119.5	<0.002	0.09	10.10	10.0	1	1.5	185.0	0.58	<0.05	10.1	0.256	1.69	3.1
Q933918		14.8	129.0	<0.002	0.30	12.70	9.1	<1	1.3	211	0.61	<0.05	10.9	0.214	2.06	4.2
Q933919		13.8	126.0	<0.002	0.15	18.95	9.8	1	1.6	142.5	0.63	<0.05	11.9	0.234	2.08	4.6
Q933920		16.8	113.0	<0.002	0.03	7.16	10.7	<1	1.5	316	0.67	<0.05	11.7	0.274	1.53	3.9
Q933921		13.5	113.0	<0.002	0.09	15.40	9.6	1	1.4	140.5	0.61	<0.05	13.2	0.215	1.89	4.2
Q933922		15.9	121.0	<0.002	0.13	12.05	9.9	<1	1.6	146.0	0.66	<0.05	13.8	0.253	2.08	5.0
Q933923		15.1	116.5	<0.002	0.15	12.05	9.5	<1	1.7	128.5	0.65	<0.05	13.2	0.231	2.20	5.0
Q933924		14.0	116.5	<0.002	0.24	26.5	8.4	<1	1.1	88.2	0.42	<0.05	9.8	0.186	1.63	6.7
Q933925		15.6	101.0	<0.002	0.02	22.4	11.1	1	1.6	127.0	0.58	<0.05	10.8	0.263	1.29	2.0
Q933926		472	150.5	0.005	2.56	27.9	9.0	1	5.5	104.0	0.47	0.32	11.2	0.192	2.33	5.2
Q933927		84.4	98.5	<0.002	0.05	14.80	10.1	1	1.7	203	0.54	<0.05	9.9	0.258	1.27	2.9
Q933928		17.7	107.0	<0.002	0.02	1.14	11.4	<1	1.7	383	0.60	<0.05	12.4	0.267	0.95	4.2
Q933929		30.6	126.5	<0.002	0.11	6.68	11.3	1	1.7	341	0.63	<0.05	12.7	0.254	1.31	4.2
Q933930		16.3	129.5	<0.002	0.14	7.81	10.4	1	1.7	262	0.57	<0.05	9.8	0.257	1.84	3.7
Q933931		73.0	174.0	<0.002	2.28	20.4	8.8	1	1.6	121.0	0.43	0.15	8.5	0.211	2.56	3.9
Q933932		1.3	1.1	<0.002	<0.01	0.07	0.2	<1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q933933		34.0	159.0	<0.002	1.13	24.2	10.6	1	1.6	166.5	0.44	<0.05	9.4	0.261	2.76	3.4
Q933934		47.2	108.5	<0.002	0.29	6.47	10.5	1	1.6	307	0.50	<0.05	8.4	0.259	1.58	3.2
Q933935		83.3	114.0	0.002	0.46	10.15	9.9	1	1.6	348	0.55	<0.05	10.5	0.247	1.76	4.3
Q933936		15.1	115.0	<0.002	0.14	8.54	10.5	1	1.6	313	0.56	<0.05	10.5	0.261	1.78	3.5
Q933937		1240	150.0	<0.002	4.34	61.3	8.7	1	7.5	89.5	0.47	1.06	10.4	0.193	2.35	4.8
Q933938		416	167.5	<0.002	2.02	103.5	9.5	<1	2.0	187.0	0.49	<0.05	10.4	0.218	2.80	7.0
Q933939		18.9	119.0	<0.002	0.29	11.10	11.7	1	1.8	369	0.55	<0.05	10.1	0.281	1.68	3.5
Q933940		17.0	96.3	<0.002	0.03	3.50	11.1	1	1.8	403	0.59	<0.05	10.0	0.275	1.05	3.5
Q933941		149.0	129.5	<0.002	0.34	22.3	10.6	<1	1.7	198.5	0.53	<0.05	9.8	0.249	2.10	4.1
Q933942		16.7	90.6	<0.002	0.01	1.70	11.2	<1	1.7	414	0.60	<0.05	11.3	0.271	0.97	4.1
Q933943		18.2	96.8	<0.002	0.01	2.14	11.3	1	2.0	406	0.62	<0.05	11.9	0.253	1.03	4.3
Q933944		847	120.5	0.002	1.03	62.9	7.8	1	2.7	350	0.56	0.05	10.3	0.214	1.80	11.5
Q933945		1.9	1.0	<0.002	<0.01	0.10	0.2	<1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q933946		15.3	76.9	<0.002	0.02	7.44	5.5	1	1.8	616	0.65	<0.05	10.3	0.243	0.87	3.7
Q933947		18.2	72.7	<0.002	0.04	4.96	5.6	<1	1.5	676	0.62	<0.05	8.6	0.252	0.95	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125367

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q933912		68	2.9	14.2	54	26.6
Q933913		65	4.0	15.4	75	23.8
Q933914		64	5.1	12.5	65	25.8
Q933915		64	5.3	12.4	66	26.3
Q933916		57	4.8	11.8	121	22.6
Q933917		72	3.3	14.1	55	25.6
Q933918		61	2.7	14.3	51	21.5
Q933919		66	3.7	13.8	62	24.1
Q933920		76	2.2	14.7	51	27.7
Q933921		60	2.2	16.3	57	23.3
Q933922		67	2.5	15.3	44	25.6
Q933923		64	2.6	14.4	40	25.3
Q933924		59	2.9	14.4	80	16.9
Q933925		74	3.1	16.0	58	24.7
Q933926		61	5.4	11.3	802	29.2
Q933927		71	2.7	15.4	156	23.0
Q933928		73	12.6	19.2	52	25.4
Q933929		71	2.0	18.7	120	27.0
Q933930		70	2.2	15.1	71	22.5
Q933931		56	6.9	12.2	197	17.7
Q933932		1	0.1	0.8	12	<0.5
Q933933		72	6.5	13.8	80	20.6
Q933934		71	3.9	14.5	181	22.2
Q933935		67	2.1	15.0	170	25.0
Q933936		71	2.0	15.5	45	24.9
Q933937		57	5.7	10.6	2130	26.9
Q933938		59	3.3	11.8	1350	22.5
Q933939		77	1.9	17.3	52	23.9
Q933940		74	1.6	16.8	48	23.8
Q933941		69	2.8	14.8	189	21.1
Q933942		72	6.8	17.4	47	28.2
Q933943		70	5.2	17.4	45	27.6
Q933944		55	3.3	13.9	1370	68.5
Q933945		1	0.1	0.7	13	<0.5
Q933946		46	1.1	10.7	55	133.5
Q933947		47	1.0	10.8	55	81.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 2-SEP-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14125367

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125368

Project: KLAZA

P.O. No.: BATCH 165

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

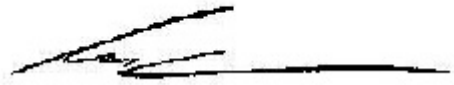
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125368

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935877		1.65	<0.005	0.24	7.05	3.7	1860	1.76	0.81	2.81	0.16	39.7	6.8	9	12.65	9.0
Q935878		5.44	<0.005	0.02	0.05	0.4	30	0.05	0.04	22.4	0.07	1.11	0.7	1	0.18	2.3
Q935879		1.38	<0.005	0.31	6.27	9.0	1160	1.54	0.44	3.73	0.16	38.0	7.0	9	11.25	7.6
Q935880		1.73	0.013	0.25	6.09	41.8	1260	1.65	0.12	2.81	0.53	51.4	5.9	5	14.30	5.1
Q935881		1.51	0.007	0.31	6.82	51.8	910	1.93	0.23	3.22	0.88	43.0	8.8	7	17.45	9.9
Q935882		5.75	<0.005	0.04	6.44	7.0	1910	1.71	0.12	2.27	0.08	38.6	6.6	10	11.80	4.6
Q935883		0.26	0.338	4.26	6.32	664	400	1.58	3.34	1.99	11.10	52.1	11.3	23	13.90	299
Q935884		2.94	<0.005	0.07	6.19	11.2	1330	1.71	0.16	4.02	0.09	45.6	6.6	7	13.05	10.1
Q935885		3.30	<0.005	0.11	6.55	3.5	950	1.47	0.14	3.04	0.07	42.9	6.9	11	11.65	11.1
Q935886		4.76	<0.005	0.07	6.74	2.9	1630	1.41	0.11	2.69	0.09	41.1	6.8	12	13.50	5.2
Q935887		<0.02	<0.005	0.07	6.22	2.7	1530	1.52	0.10	2.51	0.08	42.6	6.9	13	14.00	4.9
Q935888		1.12	<0.005	0.01	6.17	4.2	1230	1.72	0.21	3.13	0.11	45.5	8.0	9	16.30	2.2
Q935889		4.69	<0.005	0.04	5.97	2.9	1940	1.28	0.14	3.52	0.10	40.0	7.1	11	9.80	2.9
Q935890		1.02	<0.005	0.15	5.97	3.1	1050	1.56	0.12	3.07	0.08	36.5	6.5	7	14.45	2.9
Q935891		3.60	0.005	0.48	6.62	10.1	1790	1.62	1.21	2.98	0.17	48.1	7.3	9	12.10	12.6
Q935892		4.79	0.007	0.14	6.36	18.2	3050	1.41	0.12	2.32	0.19	44.7	7.1	8	11.95	11.5
Q935893		5.63	<0.005	0.01	0.07	<0.2	30	0.07	0.03	19.75	0.05	1.27	0.8	1	0.19	2.9
Q935894		0.62	0.088	0.43	5.57	71.5	610	1.51	0.09	2.17	1.01	44.1	6.8	7	14.60	4.8
Q935895		6.55	<0.005	0.22	6.33	5.8	1730	1.36	0.17	2.75	0.17	40.8	7.1	10	11.95	12.0
Q935896		2.03	<0.005	0.07	6.69	13.0	1600	1.67	0.31	2.07	0.09	43.9	7.8	10	11.95	7.1
Q935897		6.53	<0.005	0.09	6.05	6.3	1270	1.41	0.25	2.61	0.08	39.8	7.0	8	11.05	12.3
Q935898		7.51	<0.005	0.05	6.58	4.2	1620	1.49	0.12	2.37	0.05	42.6	7.1	9	12.10	6.2
Q935899		2.99	<0.005	0.03	6.62	3.6	1500	1.39	0.12	2.29	0.07	42.9	7.0	10	12.95	5.3
Q935900		2.82	<0.005	0.04	6.77	4.1	2400	1.46	0.15	2.21	0.06	45.7	8.0	11	14.00	8.4
Q935901		5.33	<0.005	0.06	6.49	6.4	1930	1.27	0.11	2.55	0.10	41.6	7.0	17	8.57	10.8
Q935902		4.52	<0.005	0.06	7.31	4.7	2210	1.63	0.14	1.89	0.07	47.4	6.8	12	14.40	7.2
Q935903		4.96	<0.005	0.01	7.17	3.2	1790	1.53	0.24	2.10	0.11	47.2	7.6	14	17.50	2.8
Q935904		0.26	0.875	12.00	6.42	1260	1030	1.31	12.00	1.84	32.1	47.2	17.7	18	13.80	277
Q935905		7.22	<0.005	0.12	6.39	6.5	1220	1.42	0.33	3.37	0.11	44.4	8.2	13	12.80	3.6
Q935906		3.49	<0.005	0.01	6.53	3.7	900	1.58	0.19	2.24	0.12	41.1	6.2	11	14.00	1.3
Q935907		5.36	<0.005	0.03	6.77	4.4	3490	1.48	0.12	2.65	0.12	44.4	7.5	12	12.65	4.8
Q935908		6.79	<0.005	0.06	6.79	5.3	2420	1.41	0.20	2.67	0.08	43.9	7.8	10	13.20	6.3
Q935909		3.72	<0.005	0.05	6.26	3.8	2370	1.59	0.17	2.94	0.09	37.2	8.4	11	15.85	5.1
Q935910		3.53	<0.005	0.20	6.35	8.0	5500	1.66	0.42	3.20	0.14	43.7	12.0	10	11.90	17.0
Q935911		3.01	0.028	0.36	6.89	102.0	2720	1.67	0.31	3.34	0.14	47.0	8.6	8	18.65	11.3
Q935912		3.13	<0.005	0.11	6.58	12.4	1280	1.49	0.24	3.11	0.15	41.6	7.1	11	17.95	11.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935877		2.94	21.5	0.25	1.4	0.043	3.05	20.1	11.9	0.99	839	0.42	1.30	8.1	2.8	550
Q935878		0.50	0.21	0.11	<0.1	0.005	0.02	0.5	1.0	13.85	218	0.07	<0.01	0.1	1.7	200
Q935879		2.88	15.15	0.23	1.3	0.040	2.44	18.6	14.2	1.12	1130	0.47	1.44	7.8	2.6	560
Q935880		3.00	14.90	0.13	1.1	0.080	2.93	28.9	13.9	0.82	4320	0.77	0.05	6.9	2.5	470
Q935881		2.98	16.75	0.14	1.4	0.055	2.83	21.2	27.1	0.88	2180	1.01	0.06	8.1	3.5	550
Q935882		2.65	14.90	0.11	1.3	0.035	2.62	18.1	15.4	0.56	711	0.96	1.74	8.3	2.6	550
Q935883		4.85	14.60	0.13	1.1	0.305	2.79	29.8	27.3	0.73	1800	15.95	0.14	6.4	14.5	490
Q935884		2.66	14.25	0.12	1.2	0.039	2.37	23.4	24.5	1.11	933	0.90	0.19	7.4	2.6	470
Q935885		2.57	15.05	0.12	1.1	0.042	2.74	22.0	20.6	0.88	722	0.96	0.29	7.4	3.1	540
Q935886		2.66	14.40	0.12	1.1	0.039	2.72	20.0	9.6	0.55	699	0.84	1.71	7.7	2.3	560
Q935887		2.50	14.55	0.15	1.1	0.040	2.56	20.8	10.0	0.51	658	1.00	1.62	8.0	2.5	520
Q935888		3.03	17.70	0.13	1.4	0.060	2.48	21.1	9.3	0.85	813	0.54	1.33	9.3	2.9	610
Q935889		2.62	13.85	0.13	1.1	0.039	2.72	19.3	17.2	1.02	830	1.14	0.72	7.4	2.3	510
Q935890		2.60	14.40	0.12	1.1	0.037	2.44	17.7	13.2	0.96	777	0.66	0.92	6.9	2.3	460
Q935891		2.76	14.20	0.17	1.3	0.039	2.89	24.6	17.5	0.90	1460	0.80	0.64	8.0	2.3	550
Q935892		2.41	14.10	0.12	1.1	0.035	2.59	23.6	30.1	0.81	1340	0.55	0.03	7.2	2.4	490
Q935893		0.44	0.24	0.24	<0.1	0.005	0.03	0.6	1.0	12.30	190	0.12	0.01	0.1	1.5	190
Q935894		2.40	12.90	0.18	1.1	0.029	2.65	24.3	28.8	0.74	2670	0.79	0.02	6.2	2.3	390
Q935895		2.61	15.35	0.16	1.2	0.030	2.83	20.1	15.5	0.87	1020	0.62	0.71	7.7	2.2	530
Q935896		2.48	15.15	0.14	1.3	0.041	2.77	21.9	12.2	0.67	644	0.48	1.80	8.0	2.7	560
Q935897		2.51	14.30	0.14	1.2	0.039	2.38	19.2	25.6	0.83	699	17.45	0.63	7.5	2.5	500
Q935898		2.59	15.55	0.15	1.2	0.037	2.60	21.2	14.2	0.73	589	0.84	1.45	7.8	2.3	530
Q935899		2.67	15.30	0.13	1.3	0.038	2.64	21.2	16.3	0.70	590	0.90	1.37	8.2	2.4	550
Q935900		2.60	15.90	0.14	1.3	0.036	2.67	22.9	10.9	0.59	551	1.87	1.88	8.2	2.3	560
Q935901		2.62	15.00	0.14	1.2	0.038	2.93	20.2	13.3	0.81	646	2.32	1.54	7.8	2.4	540
Q935902		2.62	16.05	0.15	1.2	0.036	3.08	23.9	13.1	0.57	524	1.78	2.05	8.1	2.4	570
Q935903		2.86	17.35	0.13	1.4	0.040	2.79	23.6	13.7	0.72	592	0.80	2.20	8.0	3.1	580
Q935904		6.43	15.05	0.16	1.2	0.779	2.92	25.1	18.0	0.76	1720	8.63	0.13	6.2	12.1	520
Q935905		2.76	15.00	0.14	1.4	0.046	2.63	21.5	19.0	1.00	1000	0.77	0.75	7.8	3.2	570
Q935906		2.61	15.05	0.11	1.4	0.038	2.23	20.2	11.3	0.64	570	0.76	1.61	7.4	2.3	540
Q935907		2.81	16.15	0.15	1.3	0.039	2.88	21.5	19.4	0.90	723	2.20	0.67	8.2	2.5	560
Q935908		2.75	15.35	0.15	1.6	0.034	2.92	21.3	14.1	0.67	683	0.99	2.05	8.1	2.5	580
Q935909		2.71	15.20	0.15	1.4	0.032	2.65	17.5	7.8	0.58	614	1.83	1.99	7.7	2.7	550
Q935910		2.70	13.95	0.13	1.3	0.036	2.45	21.2	19.0	0.72	788	0.94	1.27	7.7	2.5	550
Q935911		3.16	14.95	0.13	1.3	0.042	2.92	25.1	27.6	1.03	1990	1.18	0.11	6.9	2.6	490
Q935912		2.75	15.10	0.13	1.5	0.039	3.00	19.2	24.7	0.70	1320	1.13	0.66	7.8	2.4	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935877		27.4	121.0	<0.002	0.06	4.91	9.3	1	2.5	186.5	0.71	<0.05	11.6	0.250	1.75	3.0
Q935878		1.8	1.1	<0.002	<0.01	0.13	0.1	<1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q935879		24.6	86.9	<0.002	0.13	7.47	8.8	<1	1.6	209	0.67	<0.05	10.6	0.252	1.43	10.1
Q935880		25.8	178.0	0.002	0.34	11.00	8.9	<1	1.8	100.0	0.55	<0.05	13.6	0.200	2.21	6.0
Q935881		45.0	128.0	0.003	0.77	19.80	9.8	<1	2.4	151.0	0.66	<0.05	13.0	0.236	2.47	6.2
Q935882		13.9	98.6	0.002	0.04	5.82	9.6	<1	1.7	278	0.67	<0.05	11.0	0.244	1.44	3.4
Q935883		456	167.5	0.009	2.58	28.9	9.4	1	5.8	102.5	0.49	0.30	13.2	0.197	2.49	5.3
Q935884		12.0	100.5	0.003	0.08	8.85	8.9	<1	1.9	169.0	0.60	<0.05	12.6	0.213	1.61	5.8
Q935885		11.6	96.2	0.002	0.05	7.20	9.3	1	1.9	175.5	0.59	<0.05	11.7	0.233	1.47	3.0
Q935886		14.5	98.0	0.003	0.02	4.24	8.9	1	1.7	234	0.65	<0.05	10.5	0.240	1.26	2.3
Q935887		14.8	97.9	0.003	0.02	4.27	9.1	1	1.8	219	0.65	<0.05	10.6	0.228	1.34	2.3
Q935888		14.1	89.5	0.002	0.01	7.51	10.6	1	2.9	225	0.78	<0.05	11.4	0.266	1.46	3.6
Q935889		16.1	89.3	0.002	0.03	6.21	8.4	1	1.9	249	0.66	<0.05	10.1	0.220	1.48	4.0
Q935890		11.0	94.3	0.003	0.01	6.99	8.2	1	1.3	193.5	0.59	<0.05	10.1	0.199	1.48	2.7
Q935891		21.0	119.5	0.003	0.22	11.80	10.0	2	2.1	247	0.66	<0.05	12.5	0.232	1.74	7.5
Q935892		16.8	101.0	0.003	0.45	17.90	8.9	1	1.6	190.5	0.64	<0.05	12.2	0.209	1.55	3.2
Q935893		1.5	1.3	0.003	<0.01	0.14	0.2	<1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q935894		38.7	132.5	0.003	1.47	26.8	8.0	1	1.4	101.5	0.56	<0.05	11.1	0.178	2.01	4.3
Q935895		13.8	109.0	0.002	0.18	10.10	9.2	1	2.0	177.5	0.64	<0.05	10.6	0.226	1.72	4.4
Q935896		13.2	112.0	0.002	0.06	7.15	9.8	1	2.0	249	0.67	<0.05	11.7	0.230	1.67	2.0
Q935897		14.0	83.2	0.004	0.11	16.90	8.6	1	2.4	210	0.67	<0.05	10.3	0.211	1.33	1.8
Q935898		12.8	93.9	0.003	0.07	7.14	9.2	1	1.6	236	0.69	<0.05	10.9	0.230	1.31	2.5
Q935899		14.3	91.5	0.002	0.03	6.95	9.6	1	1.7	252	0.72	<0.05	11.8	0.242	1.30	2.0
Q935900		13.1	99.8	0.004	0.05	7.19	9.7	1	2.1	291	0.68	<0.05	12.5	0.239	1.29	3.4
Q935901		16.6	100.0	0.003	0.05	8.40	9.1	1	1.7	287	0.66	<0.05	11.4	0.232	1.41	3.0
Q935902		14.4	118.5	0.003	0.02	9.22	9.9	1	1.7	267	0.68	<0.05	13.2	0.245	1.52	3.2
Q935903		16.2	111.5	0.002	0.01	9.13	10.0	1	1.5	226	0.67	<0.05	12.0	0.250	1.49	2.8
Q935904		1280	164.0	0.003	4.57	60.8	9.2	2	7.7	96.8	0.53	1.03	11.2	0.200	2.49	5.0
Q935905		14.9	96.8	0.002	0.15	7.92	9.3	1	1.6	184.0	0.66	<0.05	10.8	0.243	1.49	3.8
Q935906		10.6	83.8	0.003	0.01	9.18	8.6	1	1.3	184.5	0.67	<0.05	10.7	0.225	1.17	1.8
Q935907		15.1	96.0	0.003	0.07	9.61	9.7	1	1.6	234	0.67	<0.05	11.7	0.245	1.44	2.5
Q935908		16.8	98.3	0.002	0.03	6.21	9.8	1	1.5	353	0.67	<0.05	11.5	0.249	1.33	3.1
Q935909		13.7	89.4	0.003	0.04	5.22	9.2	1	1.5	278	0.65	<0.05	9.9	0.235	1.28	2.5
Q935910		16.0	86.7	0.003	0.19	10.20	9.3	1	1.7	268	0.65	<0.05	11.4	0.235	1.21	3.9
Q935911		19.5	133.0	0.002	1.26	19.30	9.1	1	1.7	204	0.60	<0.05	11.4	0.210	1.91	6.3
Q935912		15.3	107.0	0.002	0.11	9.74	9.6	1	1.6	227	0.65	<0.05	10.8	0.243	1.61	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935877		79	2.5	12.0	61	42.8
Q935878		2	1.3	0.8	17	<0.5
Q935879		63	1.8	12.3	60	34.5
Q935880		60	3.2	13.9	84	31.7
Q935881		69	2.1	14.2	199	35.2
Q935882		65	2.1	12.3	54	34.0
Q935883		62	5.5	11.4	863	30.3
Q935884		57	1.5	14.6	57	33.1
Q935885		62	1.6	13.3	51	26.2
Q935886		63	1.5	11.5	54	27.2
Q935887		60	1.5	11.4	51	28.4
Q935888		75	2.4	13.8	72	34.1
Q935889		60	1.6	12.3	72	27.3
Q935890		55	2.7	12.4	73	31.1
Q935891		58	2.0	14.8	104	31.2
Q935892		58	1.6	13.6	43	28.0
Q935893		2	0.1	0.8	13	<0.5
Q935894		49	1.3	11.1	121	25.7
Q935895		61	2.1	13.4	53	29.9
Q935896		61	1.8	13.0	52	32.7
Q935897		59	1.5	12.8	47	29.7
Q935898		62	1.5	13.5	45	31.9
Q935899		63	1.3	13.5	47	32.6
Q935900		64	1.7	13.9	45	31.0
Q935901		61	1.3	12.9	47	29.9
Q935902		67	2.1	14.1	47	32.8
Q935903		74	1.9	13.7	55	35.8
Q935904		60	5.8	11.2	2190	27.4
Q935905		69	1.5	14.0	60	35.5
Q935906		61	1.9	11.8	48	30.0
Q935907		68	1.8	14.0	54	35.1
Q935908		69	1.7	14.0	48	45.6
Q935909		67	1.6	11.9	46	42.1
Q935910		63	1.4	13.5	54	35.1
Q935911		62	1.7	14.5	49	34.0
Q935912		68	1.4	14.5	54	41.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125368

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125369

Project: KLAZA

P.O. No.: BATCH 164

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125369

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933377		11.10	<0.005	0.30	7.16	18.6	1190	1.52	0.38	3.33	0.24	57.3	10.4	8	17.60	3.5
Q933378		4.93	0.010	0.38	7.44	11.5	1780	1.70	0.76	2.39	0.36	55.6	9.5	8	14.95	2.1
Q933379		7.69	0.026	1.30	6.82	27.5	1660	1.56	1.70	2.03	5.41	49.8	8.7	10	8.47	16.8
Q933380		8.23	0.133	3.15	7.12	395	1330	1.50	2.10	2.29	16.95	47.6	8.4	8	13.15	32.4
Q933381		4.02	0.148	2.34	7.16	610	1250	1.45	1.52	2.33	16.35	50.7	8.4	8	11.70	34.4
Q933382		1.44	0.154	19.95	3.22	725	260	0.98	2.82	3.49	6.31	30.2	4.5	12	8.92	227
Q933383		4.74	<0.005	0.19	7.48	10.0	2310	1.44	0.36	2.31	0.24	49.5	7.2	10	13.25	19.4
Q933384		2.79	0.365	13.65	6.81	1290	1080	1.54	0.70	1.84	53.6	47.6	8.5	7	14.20	99.9
Q933385		8.01	<0.005	0.24	6.52	17.8	690	1.61	0.50	6.05	1.46	61.2	19.1	6	10.40	15.7
Q933386		11.11	0.011	0.25	7.34	15.9	2510	1.34	0.23	1.91	1.52	55.4	11.4	7	10.95	1.6
Q933387		0.26	0.412	4.30	6.62	681	510	1.38	3.17	1.98	10.65	49.1	12.1	24	13.10	304
Q933388		5.98	0.017	0.88	7.49	33.8	2240	1.49	0.19	1.19	3.28	55.4	5.3	6	15.20	8.1
Q933389		9.46	0.039	2.67	8.12	143.0	2100	1.65	0.53	1.11	6.85	63.6	8.8	8	17.35	9.6
Q933390		<0.02	0.040	2.47	7.63	139.0	2000	1.55	0.45	1.07	6.42	58.3	8.3	7	16.35	8.8
Q933391		7.14	0.007	2.87	7.20	17.7	2410	1.47	0.23	1.33	5.20	51.8	5.1	6	16.90	5.1
Q933392		10.90	0.006	0.33	7.24	21.0	2420	1.60	0.24	1.95	1.07	48.1	7.6	7	14.30	3.1
Q933393		0.26	0.860	11.85	6.62	1530	670	1.41	12.05	1.86	33.3	47.6	18.0	17	13.95	282
Q933394		8.40	0.067	20.5	6.54	79.1	3780	1.42	0.30	2.77	18.65	52.9	6.6	5	15.00	15.4
Q933395		5.54	<0.005	0.05	0.07	0.3	30	0.07	0.02	19.95	0.09	1.45	0.8	<1	0.24	2.4
Q933396		5.81	0.005	0.29	7.16	27.2	1580	1.59	0.21	2.09	0.76	52.3	4.8	6	20.0	2.7
Q933397		8.02	<0.005	0.66	6.93	9.0	2260	1.52	0.15	2.31	2.29	42.4	4.6	8	15.30	4.7
Q933398		3.01	<0.005	7.16	7.19	36.3	1970	1.43	0.21	2.17	4.90	47.9	6.5	7	15.35	10.2
Q933399		5.01	0.584	10.45	6.53	1300	590	1.36	3.13	1.14	34.1	48.0	25.3	6	14.35	79.4
Q933400		6.73	0.042	1.45	7.53	151.5	2450	1.32	2.47	1.54	6.29	50.1	30.4	7	11.65	14.3
Q933401		3.36	0.069	6.33	6.86	111.0	840	1.17	7.16	1.77	1.83	42.3	38.5	6	10.90	3.2
Q933402		4.99	0.017	1.26	6.77	50.2	2840	1.43	1.83	2.35	3.13	44.4	11.8	8	14.45	3.9
Q933403		10.44	<0.005	0.50	7.58	14.2	2340	1.52	0.20	2.45	0.77	47.8	5.8	9	17.80	3.5
Q933404		10.00	0.034	2.46	6.91	55.7	3000	1.42	1.51	2.56	3.95	42.9	13.9	7	11.80	3.9
Q933405		5.58	<0.005	0.01	0.06	0.6	30	0.06	0.02	21.1	0.09	1.25	0.8	1	0.13	2.2
Q933406		8.01	<0.005	0.09	6.82	14.6	2890	1.48	0.18	2.56	0.41	41.2	6.5	8	16.40	4.8
Q933407		8.23	0.035	4.71	6.42	112.5	1240	1.58	0.13	2.51	16.45	45.3	5.9	6	27.2	20.0
Q933408		10.48	0.007	0.12	7.03	9.6	2260	1.55	0.41	2.39	0.15	49.5	7.0	9	14.65	4.0
Q933409		3.81	0.272	26.6	6.65	142.0	1070	1.38	1.26	2.20	62.8	52.3	9.7	5	19.15	49.8
Q933410		10.38	<0.005	0.46	6.88	8.4	2300	1.50	0.15	2.40	1.79	44.1	6.2	8	16.20	8.4
Q933411		3.42	0.092	10.45	6.59	173.0	1720	1.51	0.48	1.94	39.2	46.6	5.5	10	20.2	57.8
Q933412		11.92	0.005	0.63	7.32	12.5	2560	1.54	0.42	2.38	1.51	52.0	7.8	11	14.70	12.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933377		2.70	15.45	0.16	1.0	0.043	3.26	32.9	68.8	0.91	963	0.32	0.07	6.8	2.2	550
Q933378		3.08	16.35	0.12	1.1	0.029	2.81	29.0	279	0.87	694	1.52	0.05	6.4	2.5	580
Q933379		3.66	15.45	0.17	1.1	0.559	3.30	25.0	98.1	0.89	997	3.82	0.04	5.1	2.9	550
Q933380		3.79	17.00	0.10	1.3	0.263	2.97	22.9	28.7	0.74	1020	1.63	1.11	8.0	2.2	600
Q933381		3.72	16.25	0.13	1.2	0.263	3.02	25.2	25.1	0.76	1050	1.53	1.08	7.6	2.1	590
Q933382		4.62	7.05	0.06	0.5	0.314	1.34	16.2	59.7	0.92	7640	4.69	0.02	3.0	1.7	210
Q933383		3.07	16.85	0.08	1.2	0.066	2.86	23.9	34.7	0.68	773	0.65	1.09	8.1	2.2	590
Q933384		3.41	15.40	0.07	1.0	0.311	2.82	23.8	170.5	0.59	1130	1.32	0.36	7.0	2.4	530
Q933385		3.10	16.15	0.11	1.0	0.108	1.73	33.8	335	0.73	1050	0.63	0.27	7.1	2.6	560
Q933386		3.77	16.65	0.12	1.2	0.082	3.08	29.2	15.8	0.56	1380	0.89	1.36	7.2	2.4	560
Q933387		4.88	15.45	0.06	1.0	0.307	2.91	26.8	24.8	0.76	1800	14.10	0.15	6.1	14.1	510
Q933388		3.17	17.45	0.10	1.3	0.072	3.26	29.8	31.1	0.32	1380	0.99	0.84	8.1	2.2	570
Q933389		3.12	17.85	0.15	1.3	0.101	3.58	33.7	26.5	0.38	1540	1.08	1.20	8.7	2.5	640
Q933390		2.97	17.15	0.09	1.3	0.080	3.35	31.2	25.2	0.36	1500	1.06	1.13	8.3	2.2	620
Q933391		2.84	16.40	0.10	1.3	0.086	3.07	27.2	66.4	0.39	1670	0.90	0.32	7.9	2.1	570
Q933392		3.39	16.65	0.12	1.2	0.078	3.07	23.9	54.9	0.59	1360	8.26	0.57	7.7	2.1	570
Q933393		6.54	15.75	0.05	1.1	0.811	2.92	24.9	19.6	0.77	1760	8.96	0.13	6.6	11.9	540
Q933394		3.85	15.25	0.07	1.0	0.088	3.07	29.0	33.9	0.81	4120	25.1	0.22	6.7	2.0	480
Q933395		0.45	0.31	0.08	<0.1	0.013	0.03	0.7	1.7	12.45	194	0.26	0.01	0.3	1.9	210
Q933396		2.87	18.10	0.17	1.3	0.063	3.17	24.9	38.0	0.65	1210	41.2	0.29	9.0	2.3	600
Q933397		2.62	16.25	0.10	1.2	0.059	2.86	20.0	14.6	0.61	1180	12.50	1.94	7.6	2.0	520
Q933398		2.80	16.50	0.16	1.4	0.097	3.67	23.4	16.2	0.52	1310	4.31	0.32	8.1	2.2	550
Q933399		4.55	15.85	0.08	1.2	0.257	3.03	26.3	18.5	0.50	1920	2.42	0.04	6.8	2.3	480
Q933400		2.99	15.80	0.11	1.2	0.075	4.22	25.2	19.7	0.51	2220	3.21	0.54	8.0	2.1	580
Q933401		3.54	14.15	0.08	1.2	0.062	4.01	21.1	21.8	0.47	2270	3.81	0.47	7.0	2.5	510
Q933402		2.74	15.65	0.14	1.1	0.055	3.48	20.9	17.3	0.61	1600	2.74	1.15	7.4	2.2	550
Q933403		3.00	17.40	0.11	1.3	0.074	3.02	23.9	13.1	0.72	951	1.02	2.16	8.2	2.5	610
Q933404		3.27	16.65	0.07	1.2	0.101	3.23	20.0	31.1	0.62	1600	1.66	0.92	7.8	2.3	560
Q933405		0.46	0.24	0.12	<0.1	<0.005	0.02	0.6	1.0	13.05	195	0.08	0.01	0.2	2.2	190
Q933406		2.78	16.40	0.19	1.2	0.054	2.96	19.3	15.3	0.61	765	0.95	1.90	8.0	2.3	550
Q933407		3.18	15.50	0.11	1.2	0.083	2.81	22.4	67.7	0.82	2610	1.25	0.42	7.2	2.2	500
Q933408		2.77	16.60	0.14	1.3	0.047	2.94	24.1	17.2	0.69	611	1.21	1.89	8.2	2.3	550
Q933409		4.75	15.10	0.05	1.1	0.277	3.14	27.8	23.3	0.79	5710	1.45	0.37	7.2	2.2	500
Q933410		2.71	17.05	0.07	1.3	0.045	2.93	20.2	16.8	0.66	660	1.28	1.96	8.2	2.2	560
Q933411		3.49	15.30	0.09	1.2	0.154	3.26	24.2	40.5	0.62	2750	2.89	0.52	7.0	2.3	470
Q933412		3.05	17.40	0.12	1.4	0.117	3.18	25.2	15.6	0.73	850	1.37	1.97	8.4	2.4	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 4-SEP-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14125369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933377		20.6	158.5	0.003	0.88	9.20	10.3	1	1.9	159.5	0.57	0.14	12.6	0.224	2.50	4.3
Q933378		24.8	144.0	0.002	1.73	16.10	9.9	1	2.0	193.5	0.57	0.23	13.4	0.212	1.99	5.1
Q933379		73.8	195.5	0.004	2.97	11.25	9.3	1	2.1	133.0	0.44	0.44	11.2	0.178	2.50	4.3
Q933380		432	133.5	<0.002	1.79	13.50	11.2	<1	3.0	225	0.64	0.24	11.2	0.258	1.96	4.8
Q933381		437	136.0	<0.002	1.88	14.10	10.6	1	2.6	218	0.61	0.21	11.9	0.245	2.00	5.2
Q933382		5920	83.6	<0.002	1.51	132.5	4.9	<1	1.4	93.8	0.25	0.11	5.7	0.095	1.45	3.7
Q933383		34.4	122.0	<0.002	0.25	6.75	10.5	1	1.9	226	0.68	0.13	12.8	0.255	1.66	3.9
Q933384		6000	133.5	<0.002	1.58	31.4	9.4	<1	2.8	137.5	0.57	0.21	12.6	0.221	2.21	4.7
Q933385		23.6	74.6	<0.002	1.05	18.10	10.4	1	2.5	264	0.60	0.16	11.0	0.228	1.22	2.9
Q933386		33.6	137.5	<0.002	0.26	4.32	10.5	1	2.0	145.5	0.62	0.06	13.5	0.215	2.08	3.8
Q933387		468	158.0	<0.002	2.59	26.7	9.0	1	5.5	106.0	0.48	0.29	11.0	0.198	2.30	5.1
Q933388		31.8	152.5	<0.002	0.04	13.35	10.6	1	2.5	137.5	0.66	0.11	13.9	0.242	2.05	2.7
Q933389		460	171.0	<0.002	0.20	7.07	11.4	1	2.2	178.0	0.71	0.16	16.5	0.264	2.24	3.7
Q933390		436	162.0	<0.002	0.19	6.66	10.6	<1	2.1	168.0	0.71	0.13	14.8	0.256	1.97	3.3
Q933391		423	135.0	<0.002	0.12	21.2	10.1	1	1.7	108.0	0.67	<0.05	13.5	0.237	1.91	3.4
Q933392		55.5	131.5	<0.002	0.16	10.50	9.9	1	2.0	111.0	0.65	0.09	12.8	0.225	2.14	3.7
Q933393		1300	167.5	<0.002	4.60	61.8	9.6	1	8.2	97.7	0.55	1.26	11.8	0.203	2.64	5.4
Q933394		1050	161.5	0.002	0.72	28.2	9.4	1	2.0	105.0	0.53	0.10	12.1	0.195	2.54	3.6
Q933395		2.3	1.9	<0.002	<0.01	0.23	0.2	1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q933396		16.8	129.5	0.002	0.12	7.98	11.1	1	2.1	108.5	0.74	<0.05	12.3	0.252	2.36	3.6
Q933397		153.0	111.0	<0.002	0.04	3.99	8.7	1	1.5	322	0.65	<0.05	11.3	0.220	1.53	2.3
Q933398		183.5	168.0	<0.002	0.13	15.75	9.5	<1	1.7	100.5	0.77	0.07	12.5	0.231	3.05	4.2
Q933399		950	186.5	<0.002	2.04	35.2	9.1	1	3.0	83.2	0.63	0.27	11.9	0.193	2.79	5.0
Q933400		41.3	183.5	<0.002	0.47	5.24	10.1	1	2.0	124.0	0.61	1.34	13.5	0.244	2.66	3.4
Q933401		150.0	150.5	<0.002	1.58	7.98	8.5	1	1.7	128.0	0.58	3.27	11.1	0.220	2.54	3.5
Q933402		138.0	125.5	<0.002	0.61	5.18	9.2	<1	1.5	209	0.60	0.69	10.9	0.223	2.02	3.7
Q933403		102.0	121.5	<0.002	0.05	4.45	10.7	1	1.7	340	0.71	0.05	12.4	0.260	1.42	3.3
Q933404		266	126.5	<0.002	0.59	10.15	9.7	1	1.8	158.5	0.67	0.56	10.5	0.232	2.13	3.6
Q933405		1.9	1.0	<0.002	<0.01	0.16	0.2	<1	<0.2	48.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q933406		17.9	111.5	<0.002	0.06	3.50	9.3	1	1.7	313	0.66	0.06	10.4	0.242	1.50	3.2
Q933407		540	123.5	<0.002	0.51	15.40	9.4	<1	2.0	159.0	0.64	<0.05	11.8	0.212	2.28	4.2
Q933408		17.1	124.0	<0.002	0.09	4.03	10.3	<1	1.8	297	0.68	0.11	12.6	0.235	1.48	3.4
Q933409		3110	165.5	<0.002	1.39	32.9	9.8	<1	2.9	102.5	0.57	0.57	12.2	0.211	2.81	6.1
Q933410		54.0	114.0	<0.002	0.05	5.58	9.7	1	1.7	305	0.70	<0.05	11.0	0.241	1.44	3.1
Q933411		2200	174.5	<0.002	0.92	21.7	9.6	1	2.1	136.0	0.57	<0.05	12.3	0.207	2.72	5.8
Q933412		232	136.5	<0.002	0.12	3.12	10.7	1	1.9	315	0.69	0.07	13.3	0.244	1.64	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125369

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933377		64	2.0	14.5	39	23.2
Q933378		64	2.3	12.2	55	25.6
Q933379		61	2.2	11.7	444	26.8
Q933380		77	4.1	14.1	1220	31.8
Q933381		73	3.6	14.1	1260	31.3
Q933382		34	3.0	12.0	543	12.8
Q933383		69	2.1	15.0	54	32.3
Q933384		62	2.2	12.8	4890	25.8
Q933385		67	2.2	18.7	173	24.9
Q933386		64	2.7	13.7	172	29.6
Q933387		64	5.4	11.4	861	28.9
Q933388		67	2.7	15.6	281	32.1
Q933389		71	3.2	17.5	562	32.6
Q933390		68	2.9	16.7	547	31.0
Q933391		67	3.2	15.2	389	30.6
Q933392		65	3.1	13.2	134	29.5
Q933393		62	6.1	11.6	2420	33.2
Q933394		59	4.1	14.5	1110	24.4
Q933395		1	0.1	1.0	15	<0.5
Q933396		72	4.9	14.8	121	30.9
Q933397		61	2.0	13.7	188	28.8
Q933398		64	2.9	13.3	378	32.4
Q933399		55	4.6	11.0	2310	27.3
Q933400		61	3.8	12.8	717	29.6
Q933401		54	3.2	11.2	213	28.5
Q933402		62	2.1	12.7	260	26.5
Q933403		72	1.7	16.5	93	32.1
Q933404		67	3.0	13.3	357	30.4
Q933405		1	0.1	0.9	16	<0.5
Q933406		64	1.8	14.7	80	30.1
Q933407		59	3.5	14.3	927	27.4
Q933408		64	1.8	15.7	53	32.5
Q933409		59	7.2	13.8	4180	27.6
Q933410		65	1.8	15.1	167	30.2
Q933411		57	3.2	13.4	2680	26.7
Q933412		66	2.9	16.6	185	34.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125369

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125420

Project: KLAZA

P.O. No.: BATCH 161

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

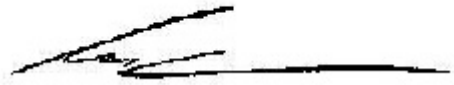
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125420

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933341		4.31	<0.005	0.25	7.12	12.5	2170	1.57	0.42	2.35	0.29	45.4	7.6	12	14.20	21.2
Q933342		5.46	0.120	9.13	6.31	127.5	1830	1.49	0.80	2.57	25.6	45.3	7.5	10	13.60	27.6
Q933343		6.90	<0.005	0.25	7.43	8.3	2660	1.59	0.37	1.69	0.18	48.2	8.3	8	12.75	31.8
Q933344		3.13	<0.005	0.22	7.29	7.3	2100	1.54	0.23	1.47	0.13	53.6	7.2	8	12.50	27.6
Q933345		9.74	0.066	0.99	6.45	202	1900	1.48	0.65	2.14	4.93	43.7	6.2	8	16.80	8.6
Q933346		4.78	0.018	0.17	6.93	10.2	2270	1.60	0.62	2.34	0.13	46.5	9.9	7	10.20	4.6
Q933347		3.97	0.005	0.26	6.33	7.2	910	1.28	0.90	2.52	0.12	43.2	7.5	8	12.65	3.9
Q933348		0.26	0.347	4.38	6.34	672	400	1.42	3.41	1.94	10.95	50.5	12.0	23	13.65	296
Q933349		11.56	0.008	0.18	6.98	9.3	2500	1.61	0.31	2.42	0.12	43.0	6.9	11	12.10	33.7
Q933350		12.59	0.013	0.63	7.14	15.2	2230	1.46	0.38	2.47	1.56	43.7	8.0	10	10.10	11.5
Q933351		8.03	0.010	0.27	7.19	10.3	2140	1.37	0.60	2.22	0.22	42.0	7.9	8	11.50	3.6
Q933352		5.21	<0.005	0.14	6.98	21.3	2060	1.64	0.23	2.26	0.11	42.3	7.3	10	18.45	7.7
Q933353		8.00	0.009	0.46	7.04	22.0	1260	1.38	0.67	2.63	0.29	46.2	8.1	11	20.6	3.6
Q933354		<0.02	0.010	0.43	6.84	23.0	1200	1.38	0.64	2.53	0.24	51.8	7.5	9	20.0	2.7
Q933355		6.89	0.046	0.38	6.92	42.1	2160	1.50	0.31	2.43	0.33	43.3	6.8	10	18.55	3.3
Q933356		4.41	0.034	3.34	6.85	82.6	1370	1.42	0.43	2.15	22.7	44.6	7.2	8	18.00	15.3
Q933357		8.99	0.005	0.31	6.69	7.9	1440	1.60	0.55	2.50	1.83	44.3	8.3	12	16.05	4.6
Q933358		4.92	0.050	2.00	7.34	64.3	1970	1.46	0.44	2.57	19.10	47.7	6.9	7	21.3	11.8
Q933359		6.04	<0.005	0.01	0.06	<0.2	30	0.05	0.03	20.3	0.06	1.06	0.6	<1	0.14	1.2
Q933360		5.50	0.065	1.55	6.77	102.5	1170	1.29	0.44	2.29	4.18	48.3	6.8	6	18.95	5.8
Q933361		5.57	<0.005	0.10	6.86	12.8	1900	1.55	0.21	2.32	0.11	37.7	6.5	8	19.70	5.6
Q933362		4.30	0.039	0.60	6.92	30.7	1650	1.47	0.53	2.44	3.06	43.6	8.4	8	16.15	4.5
Q933363		12.10	0.010	0.46	6.75	26.2	1780	1.52	0.37	2.41	2.25	52.6	6.8	11	16.05	6.9
Q933364		0.26	0.896	11.90	6.35	1525	1240	1.31	11.75	1.78	32.4	45.3	17.6	17	13.40	275
Q933365		5.36	0.437	7.00	6.78	2060	1490	1.43	0.84	1.45	45.9	41.8	6.6	6	17.80	82.9
Q933366		5.13	0.013	0.43	6.85	33.9	1180	1.77	0.20	2.22	3.77	45.4	6.6	8	19.70	6.0
Q933367		6.93	0.046	0.95	6.89	185.0	920	1.67	0.17	2.15	1.32	49.1	5.4	7	24.5	22.3
Q933368		5.52	<0.005	0.01	0.07	0.4	30	0.07	0.03	20.9	0.06	1.17	0.7	1	0.21	2.1
Q933369		9.78	<0.005	0.19	7.22	20.1	850	1.59	0.14	2.16	0.18	53.3	5.1	27	36.6	11.2
Q933370		12.36	<0.005	0.19	6.65	27.0	1470	1.48	0.06	2.79	0.24	46.5	5.3	22	19.05	14.1
Q933371		10.42	<0.005	0.28	6.61	22.6	1940	1.64	0.11	3.33	0.49	50.8	5.2	26	16.75	11.8
Q933372		3.63	1.405	13.45	3.22	2660	340	0.79	0.76	3.65	62.3	15.00	3.9	9	7.70	57.9
Q933373		3.53	2.15	7.78	5.44	8150	1760	1.12	0.36	0.61	38.6	39.2	5.0	9	8.45	47.3
Q933374		6.75	1.035	5.85	6.65	3030	890	1.31	1.11	1.69	67.7	46.5	9.8	8	14.65	83.5
Q933375		7.29	0.018	0.75	6.71	56.0	1630	1.41	0.78	2.69	3.11	42.6	7.1	7	18.30	3.5
Q933376		6.82	0.005	0.32	7.52	21.7	1960	1.57	0.28	1.60	0.46	45.7	8.7	8	16.05	15.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125420

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933341		3.04	16.00	0.12	1.4	0.045	2.73	22.0	15.4	0.73	637	0.80	1.82	8.0	2.4	580
Q933342		3.25	14.95	0.08	1.4	0.240	2.56	21.5	17.5	0.77	986	1.61	1.63	7.7	2.3	510
Q933343		3.24	17.55	0.08	1.4	0.062	2.88	22.7	36.6	0.78	693	1.02	0.85	9.5	2.4	710
Q933344		3.12	16.85	0.10	1.6	0.059	2.78	25.9	38.2	0.76	646	0.98	0.80	8.9	2.2	700
Q933345		3.04	15.20	0.09	1.1	0.065	2.75	21.2	38.0	0.68	1070	3.94	0.77	7.2	2.1	530
Q933346		3.53	16.40	0.07	1.4	0.043	2.40	23.1	27.8	0.85	423	1.28	0.94	8.0	2.5	620
Q933347		3.03	14.50	0.09	1.2	0.030	2.77	21.4	27.7	0.82	482	1.12	0.63	6.3	2.1	500
Q933348		4.83	15.60	0.06	1.0	0.319	2.78	27.7	28.6	0.74	1740	14.80	0.15	6.1	14.2	500
Q933349		2.88	15.65	0.10	1.3	0.045	2.73	20.2	15.0	0.72	560	0.68	2.04	7.9	2.2	560
Q933350		3.07	16.50	<0.05	1.2	0.055	2.72	22.2	14.3	0.74	838	0.66	1.53	7.7	2.4	580
Q933351		3.17	16.85	0.05	1.4	0.057	2.86	21.3	46.2	0.78	692	0.83	0.27	7.4	2.3	590
Q933352		3.06	16.10	0.05	1.2	0.030	2.77	21.6	45.7	0.78	456	0.85	1.20	7.8	2.3	580
Q933353		3.19	15.25	0.05	1.2	0.050	3.03	24.3	40.7	0.93	658	1.37	0.34	7.1	2.3	550
Q933354		2.95	14.40	<0.05	1.0	0.045	2.87	29.0	37.5	0.91	620	1.55	0.32	6.7	2.1	550
Q933355		2.79	15.55	<0.05	1.2	0.030	2.75	22.4	65.2	0.76	672	1.58	1.11	7.6	2.3	530
Q933356		3.22	15.60	<0.05	1.2	0.317	2.97	22.7	143.5	0.74	1050	1.39	0.19	7.3	2.2	530
Q933357		3.07	15.40	0.05	1.2	0.031	3.01	22.8	37.6	0.69	487	1.91	1.47	7.5	2.3	560
Q933358		3.14	16.30	0.05	1.4	0.157	3.10	25.3	41.3	0.89	1360	1.78	0.05	7.9	2.2	590
Q933359		0.45	0.23	0.20	<0.1	<0.005	0.02	0.5	1.2	12.80	189	0.08	<0.01	0.1	1.5	170
Q933360		3.67	15.00	0.11	1.2	0.047	2.80	26.2	30.8	0.85	1440	2.77	0.04	7.2	2.4	520
Q933361		2.88	16.35	0.07	1.3	0.036	2.59	18.1	217	0.70	597	2.20	0.26	8.1	2.2	590
Q933362		3.42	15.75	0.07	1.2	0.045	3.03	22.3	56.1	0.76	706	1.23	1.20	7.5	2.3	550
Q933363		2.84	15.65	<0.05	1.3	0.050	3.23	27.0	22.1	0.68	1100	1.15	1.20	7.7	2.6	540
Q933364		6.34	15.40	<0.05	1.1	0.748	2.76	24.9	18.2	0.74	1680	8.43	0.13	6.4	12.0	520
Q933365		3.46	14.95	<0.05	1.0	0.320	2.88	21.6	22.3	0.57	1920	2.09	0.03	6.8	2.3	500
Q933366		2.77	16.40	<0.05	1.4	0.050	2.91	23.3	278	0.63	1270	0.43	0.14	8.1	2.0	570
Q933367		3.00	16.60	0.07	1.3	0.046	3.03	26.2	24.6	0.69	1920	0.58	0.03	8.1	2.3	590
Q933368		0.46	0.28	0.16	<0.1	<0.005	0.03	0.5	1.5	13.00	200	0.32	0.01	0.2	1.4	180
Q933369		2.17	19.10	0.15	3.7	0.023	2.67	28.3	32.7	0.85	641	1.44	0.06	8.9	16.7	650
Q933370		2.09	18.40	0.09	3.0	0.023	1.56	23.4	335	0.89	552	1.11	0.04	8.9	13.1	670
Q933371		1.91	17.70	0.07	3.5	0.024	1.17	27.1	288	1.23	587	1.54	0.03	8.5	16.8	560
Q933372		3.35	7.70	<0.05	1.0	0.522	1.07	6.1	92.0	1.42	938	13.75	0.02	3.3	4.3	210
Q933373		3.26	13.45	0.05	0.9	0.243	2.47	18.9	23.0	0.34	730	15.25	0.02	5.6	2.1	370
Q933374		3.80	15.60	<0.05	1.1	0.305	2.97	25.4	33.9	0.62	1140	3.35	0.03	7.0	2.1	510
Q933375		3.19	16.25	<0.05	1.2	0.055	3.36	21.9	26.5	0.81	1830	2.21	0.05	7.4	2.1	560
Q933376		3.32	18.15	<0.05	1.3	0.045	3.33	23.0	65.5	0.77	603	0.55	0.12	8.5	2.3	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125420

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933341		28.7	113.0	<0.002	0.34	3.07	9.7	1	1.8	317	0.69	0.15	12.4	0.246	1.47	4.6
Q933342		2960	113.5	<0.002	0.60	9.08	10.3	1	2.1	282	0.66	0.30	11.3	0.226	1.61	5.2
Q933343		29.0	120.5	<0.002	0.09	6.19	11.6	1	2.5	212	0.84	0.14	12.9	0.298	1.54	4.8
Q933344		22.5	120.5	<0.002	0.05	6.38	11.1	1	2.5	197.0	0.80	0.06	14.4	0.281	1.51	4.6
Q933345		284	117.0	<0.002	0.66	9.06	9.6	<1	2.1	206	0.54	0.33	12.4	0.225	1.97	4.4
Q933346		15.1	108.0	<0.002	0.86	5.24	11.2	1	2.0	241	0.67	0.29	13.5	0.268	1.47	4.3
Q933347		13.2	122.0	<0.002	1.77	5.33	9.0	1	2.2	191.5	0.51	0.31	11.5	0.201	1.92	4.9
Q933348		475	154.5	0.004	2.62	28.9	9.1	1	5.8	107.5	0.48	0.31	11.9	0.195	2.48	5.4
Q933349		16.2	104.0	<0.002	0.25	3.44	9.8	1	1.8	361	0.72	0.07	11.7	0.245	1.29	4.7
Q933350		48.1	114.5	<0.002	0.60	3.56	10.3	1	1.9	302	0.61	0.06	10.8	0.242	1.45	3.3
Q933351		21.5	109.5	<0.002	1.19	5.79	9.9	1	2.0	189.5	0.63	0.12	10.9	0.244	1.72	4.0
Q933352		14.7	103.0	<0.002	0.42	6.05	9.9	1	1.9	310	0.62	0.05	11.9	0.250	1.38	3.9
Q933353		18.2	129.5	<0.002	1.26	5.54	9.8	1	1.9	231	0.59	0.16	11.4	0.228	1.91	3.7
Q933354		16.4	142.0	<0.002	1.17	5.26	9.5	1	1.8	220	0.56	0.08	11.9	0.217	1.86	3.7
Q933355		21.9	111.0	<0.002	0.83	7.29	9.6	1	1.7	297	0.62	0.05	12.2	0.239	1.86	3.9
Q933356		1020	117.5	<0.002	1.04	15.65	9.6	1	2.2	190.5	0.57	0.20	11.0	0.235	2.21	3.7
Q933357		53.3	118.0	<0.002	1.42	4.83	9.3	1	2.0	374	0.62	0.18	12.1	0.240	1.69	4.1
Q933358		601	153.0	<0.002	1.35	11.35	11.4	1	2.5	202	0.64	0.10	12.6	0.261	2.65	4.4
Q933359		2.1	1.1	<0.002	<0.01	0.07	0.1	<1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933360		456	161.5	<0.002	2.34	17.35	9.8	1	2.8	145.0	0.58	0.12	11.7	0.220	2.59	4.7
Q933361		13.4	92.9	<0.002	0.36	15.65	9.9	<1	2.0	215	0.63	<0.05	11.4	0.251	1.71	3.7
Q933362		155.0	127.5	<0.002	1.49	6.96	9.7	1	2.3	294	0.61	0.18	11.5	0.229	1.85	4.0
Q933363		88.9	123.5	<0.002	0.67	4.97	8.8	1	1.8	269	0.68	0.13	13.7	0.235	1.98	4.0
Q933364		1290	163.0	<0.002	4.51	60.8	9.2	2	7.6	94.6	0.53	1.51	11.0	0.204	2.49	5.1
Q933365		1960	151.5	<0.002	2.24	38.7	8.7	1	2.9	151.5	0.55	0.06	10.2	0.217	2.67	6.0
Q933366		141.0	115.0	<0.002	0.47	14.10	9.8	<1	1.9	211	0.69	0.05	11.9	0.246	2.23	4.1
Q933367		103.0	161.5	<0.002	1.39	23.1	10.6	1	2.3	207	0.63	0.07	13.3	0.243	3.31	4.5
Q933368		1.9	1.4	<0.002	<0.01	0.13	0.2	<1	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	1.0
Q933369		19.7	103.5	<0.002	0.16	15.75	5.8	<1	1.6	303	0.69	<0.05	9.7	0.258	1.97	4.6
Q933370		20.4	45.4	<0.002	0.13	8.14	5.5	1	1.6	907	0.68	<0.05	8.5	0.253	1.13	4.4
Q933371		23.4	43.5	<0.002	0.18	11.25	5.3	<1	1.6	755	0.64	<0.05	9.3	0.238	0.99	6.3
Q933372		3090	66.5	0.002	2.41	67.0	3.5	1	3.3	352	0.28	<0.05	4.0	0.103	1.13	6.2
Q933373		1450	165.5	<0.002	2.88	109.5	7.3	1	5.6	75.8	0.45	0.07	10.2	0.167	2.25	6.1
Q933374		822	177.5	<0.002	2.81	30.7	9.2	1	3.6	105.0	0.59	0.26	11.7	0.217	2.50	4.8
Q933375		118.5	153.0	<0.002	1.62	9.01	9.8	1	1.9	131.5	0.60	0.15	11.0	0.235	3.00	4.8
Q933376		38.9	128.0	<0.002	0.46	9.40	11.0	1	2.0	163.0	0.68	0.07	12.4	0.267	2.10	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125420

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933341		65	0.8	15.7	48	40.2
Q933342		67	1.7	17.0	1460	37.3
Q933343		80	3.4	18.4	51	38.5
Q933344		78	3.5	18.3	45	43.1
Q933345		63	2.8	14.3	327	32.4
Q933346		78	1.8	16.3	40	39.3
Q933347		59	2.0	10.8	29	34.2
Q933348		62	5.7	11.6	817	31.1
Q933349		66	0.9	16.3	38	35.7
Q933350		70	1.6	14.8	124	31.2
Q933351		69	2.8	13.7	45	35.3
Q933352		68	2.8	13.7	36	31.4
Q933353		66	3.5	13.7	48	30.7
Q933354		62	3.5	13.9	45	26.0
Q933355		66	2.6	13.0	48	30.3
Q933356		66	3.5	11.9	1380	30.4
Q933357		66	1.9	12.7	132	32.7
Q933358		77	6.7	14.2	1130	36.2
Q933359		1	0.1	0.7	15	<0.5
Q933360		63	6.2	12.8	263	29.4
Q933361		69	4.5	13.4	40	33.9
Q933362		64	1.9	13.8	223	31.1
Q933363		62	2.3	13.1	156	35.1
Q933364		61	5.8	11.1	2260	27.4
Q933365		59	4.5	11.0	2740	27.1
Q933366		69	2.3	13.7	242	35.2
Q933367		69	8.1	14.9	107	33.5
Q933368		2	0.1	0.8	15	<0.5
Q933369		51	2.3	11.5	56	136.5
Q933370		49	2.4	10.5	63	107.5
Q933371		47	3.0	10.7	70	135.0
Q933372		29	4.5	5.2	3700	29.5
Q933373		48	5.2	6.4	2310	22.2
Q933374		59	5.9	12.1	4100	26.3
Q933375		65	3.4	13.3	203	29.3
Q933376		72	2.5	13.9	62	29.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 2-SEP-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14125420

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125421

Project: KLAZA

P.O. No.: BATCH 160

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

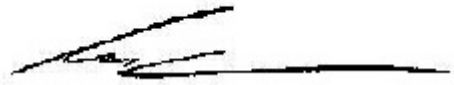
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125421

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935841		1.09	0.223	5.44	4.64	5250	670	0.92	9.73	1.12	6.50	23.8	9.1	6	6.61	20.9
Q935842		3.62	0.015	0.91	7.35	123.5	1940	1.54	2.12	2.31	2.35	50.5	7.0	10	17.60	37.6
Q935843		1.05	<0.005	0.07	6.11	10.5	2070	1.50	0.10	3.27	0.10	37.1	8.7	16	14.75	11.8
Q935844		0.26	0.894	11.70	6.42	1270	1110	1.42	12.95	1.80	34.3	47.7	17.9	17	14.10	281
Q935845		1.51	<0.005	0.34	6.33	13.9	2100	1.48	0.51	2.99	0.21	40.3	5.9	8	13.65	18.4
Q935846		1.14	<0.005	0.10	5.82	7.5	1790	1.40	0.24	3.11	0.13	41.4	6.0	9	13.40	4.7
Q935847		1.14	<0.005	0.13	6.61	6.6	1270	1.58	0.34	2.17	0.08	43.4	7.3	11	15.65	7.0
Q935848		2.02	<0.005	0.15	6.60	6.3	1380	1.63	0.17	2.48	0.09	38.9	7.0	12	12.55	8.2
Q935849		2.72	<0.005	0.10	7.35	8.2	2510	1.76	0.23	2.58	0.10	51.1	8.0	10	12.20	14.9
Q935850		5.94	<0.005	0.11	6.42	6.1	3690	1.51	0.24	3.01	0.07	47.7	7.3	12	12.50	7.4
Q935851		5.86	<0.005	0.01	0.07	<0.2	20	0.07	0.02	20.1	0.06	1.20	0.7	1	0.15	1.4
Q935852		4.96	<0.005	0.06	6.73	4.0	1710	1.76	0.12	2.81	0.08	46.9	7.3	10	14.40	10.6
Q935853		2.95	<0.005	0.12	6.21	2.9	1500	1.63	0.30	3.59	0.12	43.5	7.0	13	12.95	13.5
Q935854		3.07	<0.005	0.07	6.44	5.4	2300	1.66	0.22	2.71	0.08	41.8	7.9	9	15.95	4.7
Q935855		2.98	<0.005	0.10	6.48	3.1	1200	1.66	0.39	3.08	0.07	43.6	8.4	11	17.10	14.0
Q935856		3.65	<0.005	0.14	6.07	8.2	1200	1.43	0.31	3.81	0.10	41.9	8.0	7	18.15	7.6
Q935857		4.07	<0.005	0.09	6.18	3.8	1340	1.43	0.12	3.20	0.08	39.9	7.3	11	14.50	8.3
Q935858		3.91	<0.005	0.04	7.24	3.5	2360	1.41	0.09	2.06	0.07	45.5	7.2	12	11.65	11.4
Q935859		<0.02	<0.005	0.05	7.39	3.1	2430	1.46	0.08	2.14	0.05	45.2	7.4	13	12.45	10.3
Q935860		2.90	<0.005	0.05	6.58	5.1	1330	1.60	0.07	2.96	0.11	47.3	7.7	9	14.45	4.9
Q935861		5.81	<0.005	0.13	6.94	4.3	1980	1.66	0.11	2.60	0.15	48.0	7.6	12	11.70	13.1
Q935862		1.20	<0.005	1.72	6.61	28.6	1340	1.50	0.29	2.34	3.35	45.0	8.0	6	14.90	12.6
Q935863		2.40	<0.005	0.76	6.44	11.0	1130	1.65	0.08	3.32	0.32	48.9	6.6	10	14.85	13.7
Q935864		4.98	<0.005	0.08	6.61	3.5	1970	1.55	0.10	2.62	0.07	44.7	7.3	10	11.70	12.3
Q935865		0.26	0.342	4.39	6.59	553	860	1.41	3.38	1.99	11.40	51.0	12.5	22	14.05	304
Q935866		0.86	<0.005	0.05	6.08	3.3	1640	1.65	0.13	4.23	0.09	46.0	7.9	8	16.95	3.2
Q935867		5.82	<0.005	0.06	6.16	3.9	1620	1.38	0.08	3.03	0.09	41.4	6.9	10	12.45	10.9
Q935868		4.58	<0.005	0.06	6.84	2.8	2030	1.54	0.14	2.48	0.07	48.7	7.1	9	13.20	11.5
Q935869		2.10	<0.005	0.05	6.88	3.9	1950	1.46	0.14	2.37	0.07	48.3	7.1	11	12.90	11.1
Q935870		2.35	<0.005	0.06	6.54	3.7	1360	1.59	0.11	2.74	0.06	42.9	6.7	12	12.95	11.7
Q935871		5.42	<0.005	0.14	6.61	11.2	1160	1.57	0.15	2.76	0.13	48.1	6.7	11	13.75	16.8
Q935872		1.58	<0.005	0.17	6.13	27.8	1230	1.36	0.24	2.77	0.11	43.3	5.1	9	13.40	2.7
Q935873		6.28	<0.005	<0.01	0.06	<0.2	300	0.05	0.03	19.75	0.06	1.22	0.7	<1	0.15	1.9
Q935874		3.93	<0.005	0.24	6.89	11.4	1690	1.61	0.57	2.71	0.19	48.8	7.2	12	12.30	14.0
Q935875		1.81	<0.005	2.02	7.54	4.6	1110	1.74	8.92	2.90	0.61	44.5	7.3	7	16.40	3.0
Q935876		4.21	<0.005	0.06	6.44	2.3	1870	1.50	0.27	2.54	0.21	43.1	7.3	10	9.96	7.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125421

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935841		10.15	11.90	<0.05	0.6	0.169	2.16	12.5	13.8	0.54	505	1.54	0.04	4.5	2.9	340
Q935842		3.20	16.45	<0.05	1.1	0.100	3.12	25.6	20.1	0.67	1040	1.44	0.53	7.9	3.0	590
Q935843		2.82	15.45	0.08	2.1	0.042	2.52	16.5	11.1	0.66	796	0.85	1.67	9.0	5.5	630
Q935844		6.37	15.75	0.18	1.2	0.790	2.79	25.1	18.6	0.75	1720	8.83	0.12	6.3	12.3	530
Q935845		2.69	19.15	0.17	1.2	0.039	3.18	20.0	8.3	1.02	880	5.33	0.66	6.9	2.2	470
Q935846		2.46	14.30	0.16	1.2	0.034	2.38	20.8	10.5	0.81	995	1.12	1.37	7.6	2.3	510
Q935847		2.64	15.10	0.16	1.2	0.038	2.25	22.5	13.9	0.74	712	1.09	1.59	7.5	2.6	500
Q935848		2.73	16.35	0.16	1.2	0.032	2.57	18.7	7.0	0.71	766	1.01	2.11	8.2	3.2	550
Q935849		2.93	16.60	0.19	1.3	0.039	2.90	26.3	9.6	0.69	761	1.04	2.06	8.5	2.7	590
Q935850		2.59	14.80	0.21	1.4	0.031	2.30	25.2	13.0	0.88	883	1.46	1.68	8.2	2.6	530
Q935851		0.46	0.28	0.24	<0.1	0.005	0.02	0.6	1.0	12.65	197	0.09	0.01	0.2	1.8	190
Q935852		2.70	16.70	0.27	1.5	0.034	2.61	23.8	9.6	0.67	686	1.23	2.02	8.8	2.5	580
Q935853		2.64	15.80	0.21	1.1	0.032	2.50	22.1	7.0	0.68	826	1.30	1.71	7.6	2.5	520
Q935854		2.63	17.00	0.18	1.1	0.035	2.72	21.1	19.3	0.82	836	0.87	0.94	7.5	2.5	510
Q935855		2.73	15.40	0.17	1.4	0.037	2.70	20.0	9.0	0.60	959	1.68	1.37	9.0	2.6	560
Q935856		2.68	14.65	0.16	1.2	0.045	2.86	22.1	11.4	1.03	1600	0.53	0.19	6.9	2.5	480
Q935857		2.70	15.75	0.15	1.1	0.034	2.72	19.1	8.1	0.83	1220	1.97	1.16	7.4	2.6	540
Q935858		2.76	15.65	0.17	1.3	0.037	2.97	24.1	12.1	0.60	625	1.96	1.57	7.6	2.6	580
Q935859		2.78	16.55	0.18	1.3	0.031	3.03	23.5	13.3	0.61	639	2.64	1.58	7.9	2.7	590
Q935860		2.82	15.35	0.16	1.2	0.045	3.11	24.0	7.8	0.81	1240	3.80	1.26	7.8	2.5	540
Q935861		2.90	16.80	0.18	1.4	0.036	2.82	23.4	12.0	0.69	897	1.62	1.84	8.7	3.2	610
Q935862		3.77	16.10	0.17	1.0	0.123	3.24	23.8	10.6	0.74	9300	1.00	0.10	7.1	2.6	500
Q935863		2.84	15.45	0.18	1.2	0.049	2.88	24.6	11.1	0.81	2140	2.34	0.80	8.3	2.6	570
Q935864		2.75	15.85	0.18	1.3	0.035	2.87	22.6	9.5	0.62	745	1.17	1.66	8.3	2.6	560
Q935865		4.89	15.65	0.16	1.1	0.308	2.91	29.5	25.0	0.75	1810	13.60	0.15	6.0	14.9	510
Q935866		2.94	16.20	0.17	1.2	0.041	2.92	24.6	6.9	1.17	1100	1.97	0.43	7.3	2.3	510
Q935867		2.60	14.80	0.17	1.2	0.034	2.61	20.7	17.3	0.80	821	1.18	1.06	7.7	2.4	550
Q935868		3.08	16.35	0.16	1.2	0.070	2.90	25.0	8.8	0.67	833	1.55	1.79	8.1	2.5	560
Q935869		3.12	16.10	0.19	1.2	0.067	2.92	24.9	8.9	0.68	844	1.29	1.77	8.0	2.5	570
Q935870		2.61	15.65	0.17	1.1	0.034	2.63	21.6	6.9	0.58	722	1.86	1.71	7.6	2.6	530
Q935871		2.68	16.20	0.18	1.2	0.045	2.95	24.4	15.7	0.72	1480	0.90	0.49	8.0	2.7	560
Q935872		3.31	17.40	0.16	1.0	0.168	2.98	23.6	9.6	0.81	7830	0.62	0.19	6.3	2.0	450
Q935873		0.45	0.23	0.21	<0.1	<0.005	0.02	0.6	0.9	12.35	195	0.12	<0.01	0.1	1.5	190
Q935874		2.82	15.65	0.26	1.3	0.060	2.84	25.4	9.4	0.75	1800	0.71	1.24	7.8	2.6	540
Q935875		2.93	19.25	0.19	1.5	0.049	2.22	22.0	10.3	0.72	1140	0.21	2.67	9.6	2.6	670
Q935876		2.64	15.15	0.21	1.1	0.042	2.80	22.4	9.5	0.63	773	0.70	1.74	7.8	2.6	530

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125421

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935841		985	110.5	<0.002	9.98	121.0	7.1	3	5.7	31.3	0.37	0.75	7.9	0.147	1.56	3.3
Q935842		90.8	140.5	<0.002	0.89	26.6	11.0	1	2.2	166.0	0.64	0.15	14.0	0.252	1.98	5.5
Q935843		17.1	77.7	<0.002	0.02	6.17	9.6	<1	1.7	383	0.72	<0.05	9.6	0.284	1.12	2.8
Q935844		1250	168.0	<0.002	4.65	65.0	9.5	1	8.1	97.6	0.54	1.29	11.5	0.201	2.74	5.3
Q935845		17.3	135.5	<0.002	0.05	14.70	8.4	1	1.3	205	0.59	0.07	10.6	0.213	1.56	2.6
Q935846		10.1	88.2	<0.002	0.03	12.10	9.2	<1	1.3	232	0.63	<0.05	11.3	0.230	1.10	2.4
Q935847		10.8	95.3	<0.002	0.03	29.8	9.1	1	1.3	230	0.65	<0.05	11.8	0.232	1.10	5.3
Q935848		11.0	111.5	<0.002	0.02	5.58	10.2	<1	1.8	233	0.69	<0.05	10.7	0.246	1.45	2.7
Q935849		17.4	117.0	<0.002	0.03	5.43	10.7	<1	2.2	328	0.69	<0.05	13.8	0.254	1.40	3.3
Q935850		11.0	105.5	<0.002	0.13	6.73	9.1	<1	1.6	230	0.78	<0.05	13.8	0.229	1.36	4.2
Q935851		1.3	1.0	<0.002	<0.01	0.05	0.2	<1	<0.2	51.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935852		12.3	118.0	<0.002	0.03	5.86	11.1	1	2.1	282	0.79	<0.05	12.7	0.251	1.42	3.6
Q935853		15.1	113.0	<0.002	0.04	6.87	9.7	<1	1.5	233	0.61	<0.05	11.1	0.231	1.52	4.8
Q935854		11.7	111.0	<0.002	0.08	6.98	9.2	1	1.6	201	0.65	<0.05	11.6	0.223	1.70	13.9
Q935855		11.9	109.5	<0.002	0.01	7.41	11.2	1	1.9	198.5	0.84	<0.05	11.6	0.252	1.65	3.7
Q935856		11.5	119.5	<0.002	0.06	7.45	8.6	<1	1.5	144.5	0.64	<0.05	11.3	0.208	1.81	7.0
Q935857		8.0	125.0	<0.002	0.04	7.31	9.5	<1	1.6	171.5	0.59	<0.05	10.4	0.240	2.18	3.3
Q935858		15.4	112.5	<0.002	0.01	4.18	9.8	1	1.6	279	0.63	<0.05	12.1	0.251	1.34	2.4
Q935859		15.9	117.5	<0.002	0.01	4.41	10.5	1	1.7	287	0.66	<0.05	11.9	0.256	1.36	2.4
Q935860		8.9	138.0	<0.002	0.05	6.44	9.7	<1	1.5	192.5	0.64	<0.05	12.6	0.239	2.25	3.5
Q935861		19.9	105.5	<0.002	0.02	5.84	10.9	<1	1.7	358	0.76	<0.05	12.7	0.273	1.38	3.2
Q935862		156.5	165.5	<0.002	0.37	16.05	9.1	1	1.7	88.9	0.60	<0.05	12.5	0.224	2.64	9.5
Q935863		20.0	123.5	<0.002	0.13	9.29	10.3	<1	1.6	193.0	0.68	<0.05	11.8	0.253	2.03	7.9
Q935864		15.0	112.5	<0.002	0.03	4.20	10.1	<1	1.6	290	0.72	<0.05	12.4	0.248	1.49	3.8
Q935865		465	165.5	<0.002	2.68	28.9	9.2	<1	5.5	109.5	0.49	0.38	11.7	0.199	2.54	5.3
Q935866		8.6	128.0	<0.002	0.04	4.69	8.7	<1	1.5	148.0	0.61	<0.05	11.9	0.221	1.91	4.4
Q935867		12.7	96.6	<0.002	0.04	7.63	9.5	<1	1.5	243	0.66	<0.05	10.7	0.241	1.50	3.3
Q935868		22.2	122.5	<0.002	0.01	5.15	10.3	<1	1.6	335	0.65	<0.05	12.2	0.249	1.57	3.5
Q935869		24.4	123.5	<0.002	0.01	4.72	10.3	<1	1.8	317	0.68	<0.05	12.4	0.251	1.55	3.2
Q935870		10.4	116.5	<0.002	0.01	4.69	9.4	<1	1.6	211	0.61	<0.05	11.2	0.237	1.36	3.4
Q935871		15.7	126.5	<0.002	0.11	12.45	10.1	<1	1.8	173.5	0.66	<0.05	12.2	0.244	1.83	7.1
Q935872		16.8	148.0	<0.002	0.21	8.92	8.0	<1	1.4	95.3	0.53	<0.05	10.5	0.198	1.92	9.4
Q935873		1.3	1.2	<0.002	0.01	0.07	0.2	<1	<0.2	53.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q935874		22.9	134.0	<0.002	0.09	7.68	10.0	1	1.9	178.0	0.65	<0.05	12.7	0.246	1.79	5.0
Q935875		74.9	90.1	<0.002	0.02	7.65	11.1	1	2.1	257	0.81	0.23	12.4	0.286	1.34	3.1
Q935876		26.3	119.5	<0.002	0.01	5.64	9.5	<1	2.0	233	0.61	<0.05	11.2	0.234	1.48	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125421

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935841		44	5.8	6.7	321	15.6
Q935842		71	1.8	14.0	306	29.4
Q935843		77	2.8	13.6	65	71.6
Q935844		60	6.0	11.7	2330	28.0
Q935845		74	1.8	12.8	50	29.7
Q935846		56	1.7	13.6	48	31.1
Q935847		61	2.0	12.5	59	29.7
Q935848		66	1.7	12.3	46	29.4
Q935849		69	1.3	15.1	51	33.3
Q935850		56	1.7	15.0	38	33.3
Q935851		2	0.1	0.8	13	<0.5
Q935852		68	1.5	14.4	44	35.6
Q935853		67	1.5	13.8	45	28.7
Q935854		69	1.4	12.6	51	28.9
Q935855		69	1.4	13.7	57	32.7
Q935856		57	1.6	15.7	49	29.7
Q935857		62	1.5	13.7	49	28.5
Q935858		65	1.2	13.0	49	31.2
Q935859		68	1.1	13.6	49	32.8
Q935860		63	1.6	13.4	50	29.2
Q935861		73	1.6	16.0	58	33.6
Q935862		59	2.4	14.8	383	26.6
Q935863		67	1.8	15.9	63	30.3
Q935864		65	2.4	13.8	50	32.1
Q935865		63	5.5	11.9	853	28.3
Q935866		65	1.8	15.8	47	29.8
Q935867		63	1.7	13.7	47	29.8
Q935868		66	3.6	15.8	55	31.0
Q935869		68	3.5	15.2	56	30.2
Q935870		62	1.8	11.5	46	29.0
Q935871		64	2.2	14.6	44	30.1
Q935872		67	2.3	15.3	37	26.2
Q935873		1	0.1	0.8	13	<0.5
Q935874		63	1.8	13.7	72	31.9
Q935875		71	2.5	14.7	97	35.9
Q935876		60	1.7	12.4	48	30.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125421

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

CERTIFICATE WH14125422

Project: KLAZA

P.O. No.: BATCH 159

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125422

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935805		1.73	0.162	2.29	6.89	752	1530	1.40	0.12	2.90	22.8	38.4	10.6	56	13.40	11.9
Q935806		1.37	0.011	0.73	6.53	58.2	1920	1.42	0.11	3.14	5.17	34.2	10.1	61	16.20	9.1
Q935807		2.08	0.061	13.05	6.82	494	1810	1.40	0.09	3.40	14.90	36.0	10.4	61	18.70	7.1
Q935808		3.92	0.012	0.52	7.00	69.9	1920	1.37	0.13	2.90	4.88	35.7	10.4	80	14.30	13.0
Q935809		4.20	0.085	4.80	6.60	313	1750	1.52	3.21	2.06	14.75	47.5	7.5	11	13.20	135.5
Q935810		1.26	0.070	5.17	6.57	377	1710	1.51	3.24	2.46	13.45	43.4	7.2	9	13.25	218
Q935811		2.77	0.012	0.92	7.17	141.5	1750	1.33	1.13	1.47	2.14	46.5	7.2	9	22.2	45.4
Q935812		4.55	0.027	1.18	6.90	89.4	1790	1.55	2.27	2.53	0.66	44.8	7.6	10	15.45	181.0
Q935813		3.04	0.101	10.45	7.13	356	510	1.28	12.10	0.99	4.24	51.3	7.6	9	7.22	859
Q935814		2.11	2.37	67.8	6.56	3840	770	1.37	10.80	1.03	85.4	46.7	6.9	20	8.24	249
Q935815		3.36	0.161	5.46	6.81	626	880	1.57	2.93	2.89	9.98	49.0	5.9	9	13.10	157.5
Q935816		4.75	0.448	20.9	6.78	2010	920	1.57	2.61	2.30	12.15	46.2	6.1	9	12.15	179.0
Q935817		0.26	0.333	4.62	6.42	695	920	1.43	3.27	1.98	10.55	48.1	11.7	22	13.20	296
Q935818		4.07	1.895	82.6	5.30	4450	550	0.92	35.6	0.99	27.6	29.2	47.7	10	4.71	423
Q935819		2.19	0.074	7.58	6.69	359	560	1.21	9.83	0.07	0.64	45.6	15.1	11	3.93	112.0
Q935820		1.02	0.619	19.70	2.31	665	160	0.50	177.5	0.03	2.04	9.60	53.8	10	4.05	3810
Q935821		1.25	0.220	4.21	5.03	409	370	0.84	11.00	0.07	0.60	28.4	69.1	12	2.84	289
Q935822		0.81	1.225	31.9	6.93	6450	570	1.06	24.9	0.15	1.91	56.2	4.5	12	5.36	810
Q935823		3.88	0.194	1.15	7.90	588	1220	1.81	2.14	1.78	4.56	53.4	6.8	16	16.65	87.2
Q935824		4.79	0.021	1.28	6.95	176.5	1810	1.56	1.98	2.87	2.94	50.7	9.1	12	14.25	115.5
Q935825		1.08	0.015	1.41	4.89	109.0	2420	1.33	1.57	5.83	1.86	35.1	4.9	9	17.40	121.5
Q935826		4.17	<0.005	0.02	0.05	1.2	30	0.06	0.03	20.3	0.07	1.07	0.7	1	0.14	2.9
Q935827		1.83	<0.005	0.75	6.27	53.1	2430	1.67	0.89	4.84	1.10	35.2	9.2	57	12.70	51.1
Q935828		1.52	0.129	11.90	5.97	218	760	1.32	31.3	2.43	8.62	41.3	7.0	8	7.59	71.5
Q935829		4.22	0.021	1.22	6.98	104.0	1660	1.60	2.99	2.75	0.64	48.8	6.0	10	13.10	63.8
Q935830		2.44	0.015	1.00	7.24	101.5	2030	1.71	1.76	3.11	2.53	51.1	5.4	8	17.25	118.5
Q935831		3.87	0.045	0.87	6.38	67.9	2220	1.45	1.90	3.64	1.07	44.5	7.4	9	13.25	63.9
Q935832		<0.02	0.052	0.89	6.50	69.7	2760	1.42	2.03	3.75	1.11	46.6	8.2	10	13.75	60.4
Q935833		4.14	0.027	0.80	7.04	55.1	2210	1.44	1.51	2.75	1.00	46.6	8.6	11	16.70	52.5
Q935834		2.30	1.640	5.53	6.62	419	1090	1.41	9.08	2.13	1.79	42.8	21.4	9	9.69	733
Q935835		4.22	0.015	1.22	7.39	78.8	1790	1.61	2.23	2.74	1.28	52.0	6.5	10	17.10	47.4
Q935836		0.26	0.857	11.25	6.12	1480	980	1.37	11.95	1.76	30.7	43.3	16.8	17	13.10	271
Q935837		0.92	0.034	17.60	5.74	313	720	1.37	13.65	2.65	2.28	47.7	6.9	10	9.17	2720
Q935838		3.33	0.011	0.61	7.09	45.1	1820	1.57	1.27	1.95	0.66	45.4	6.0	13	14.50	59.4
Q935839		4.07	<0.005	0.03	0.04	<0.2	30	0.05	0.03	20.1	0.06	1.11	0.7	1	0.10	4.0
Q935840		4.21	0.008	0.86	7.07	71.2	2000	1.69	0.68	2.46	1.31	47.6	6.5	14	12.90	18.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125422

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935805		3.01	15.95	0.06	1.6	0.035	3.67	20.5	13.7	1.12	1520	0.54	0.19	6.7	21.7	640
Q935806		2.82	16.80	<0.05	1.8	0.037	3.09	17.0	16.0	1.19	967	0.54	0.84	7.6	21.8	660
Q935807		2.70	15.70	<0.05	1.7	0.030	2.93	18.1	15.2	1.23	1020	0.45	0.38	7.1	22.3	660
Q935808		2.92	16.60	<0.05	1.8	0.034	2.87	17.9	24.8	1.10	1240	0.75	0.18	7.1	24.1	670
Q935809		4.15	15.05	0.05	1.1	0.283	2.94	25.6	12.6	0.95	2640	1.72	0.04	6.6	3.7	510
Q935810		3.68	14.55	<0.05	1.0	0.138	2.89	24.0	13.4	1.01	1990	1.81	0.04	6.4	3.6	510
Q935811		2.83	16.50	<0.05	1.0	0.056	2.66	24.4	28.1	0.58	1100	2.24	0.06	7.6	3.6	590
Q935812		3.49	15.05	<0.05	0.9	0.188	2.81	23.8	13.8	1.03	1550	2.14	0.04	6.7	2.8	550
Q935813		4.14	16.25	0.06	0.9	0.261	3.30	27.7	5.7	0.54	823	2.41	0.04	6.6	2.8	650
Q935814		5.62	17.25	0.14	1.4	0.685	3.21	24.4	14.4	0.54	528	4.88	0.03	7.4	8.4	620
Q935815		3.93	15.10	0.13	0.8	0.248	3.27	26.7	8.0	1.16	2840	2.33	0.03	7.2	4.5	580
Q935816		3.96	15.35	0.14	0.8	0.366	3.21	25.8	7.7	0.95	2420	1.59	0.03	7.1	3.9	540
Q935817		4.82	15.05	0.12	1.1	0.295	2.93	27.4	25.3	0.75	1760	14.50	0.14	6.1	13.7	490
Q935818		9.96	12.70	0.12	0.6	0.717	2.63	15.7	4.5	0.52	862	2.18	0.03	4.8	3.7	430
Q935819		5.39	16.85	0.16	1.0	0.220	3.40	24.5	4.4	0.22	86	1.66	0.04	6.4	2.7	330
Q935820		13.60	5.59	0.08	0.3	0.660	1.06	4.8	10.0	0.06	51	3.47	0.02	1.9	2.9	120
Q935821		10.30	13.55	0.14	1.1	0.219	2.50	13.9	4.0	0.15	74	2.87	0.03	4.5	4.0	290
Q935822		8.49	17.15	0.16	0.8	0.463	3.31	29.5	3.4	0.21	335	1.91	0.04	6.3	2.7	430
Q935823		3.68	16.65	0.15	0.9	0.148	3.24	29.0	26.8	0.76	1820	2.49	0.04	8.3	4.2	640
Q935824		3.73	15.35	0.15	0.9	0.225	2.96	28.5	20.3	0.88	1640	1.53	0.04	7.2	3.9	540
Q935825		2.78	10.80	0.11	0.7	0.140	2.02	18.8	27.6	1.11	1390	0.82	0.03	5.2	4.6	400
Q935826		0.45	0.18	0.14	<0.1	<0.005	0.02	0.5	0.9	12.60	190	0.11	<0.01	0.1	1.5	160
Q935827		2.74	13.60	0.15	1.5	0.123	2.80	18.9	13.1	1.83	1470	1.46	0.04	6.0	19.1	560
Q935828		4.65	14.60	0.13	0.8	0.923	2.95	22.6	7.8	0.94	2440	1.15	0.03	6.2	3.9	410
Q935829		3.56	14.85	0.14	1.0	0.342	3.20	28.0	7.2	1.15	1190	1.91	0.04	6.9	2.5	520
Q935830		3.40	15.55	0.15	0.9	0.178	2.78	28.6	17.0	1.23	1180	1.59	0.05	7.3	2.8	560
Q935831		3.36	13.85	0.17	0.8	0.188	2.35	25.1	29.0	1.36	1240	2.01	0.05	6.4	2.6	510
Q935832		3.52	13.75	0.14	0.8	0.188	2.44	25.8	29.8	1.40	1280	2.01	0.05	6.8	3.3	530
Q935833		3.14	16.60	0.16	0.9	0.155	2.98	23.5	34.4	0.73	1040	3.22	0.45	7.7	2.7	600
Q935834		7.16	14.35	0.14	0.7	0.671	3.25	22.0	9.0	0.90	1400	2.29	0.04	6.0	3.5	510
Q935835		3.42	15.45	0.16	0.8	0.180	3.20	29.6	20.7	0.98	1200	1.68	0.05	7.3	2.5	570
Q935836		6.12	14.65	0.15	1.0	0.788	2.80	23.2	18.0	0.73	1660	8.17	0.12	6.1	11.1	510
Q935837		4.40	13.65	0.16	0.9	0.428	2.80	23.2	11.2	0.74	1310	1.56	0.03	6.2	3.2	420
Q935838		3.01	16.45	0.16	1.0	0.150	3.06	24.3	24.2	0.72	1020	1.92	0.08	8.1	2.7	570
Q935839		0.46	0.18	0.19	<0.1	<0.005	0.02	0.5	1.0	12.70	190	0.15	<0.01	0.1	1.6	150
Q935840		2.87	16.20	0.19	1.1	0.118	2.77	25.2	15.1	0.74	882	1.46	1.62	8.2	3.3	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125422

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935805		215	186.0	<0.002	0.78	13.75	8.5	1	2.2	307	0.57	<0.05	8.9	0.205	2.79	4.5
Q935806		52.0	115.5	0.002	0.20	12.05	8.6	<1	1.0	375	0.64	<0.05	7.9	0.230	2.19	4.1
Q935807		237	110.5	<0.002	0.36	15.85	8.6	1	1.5	287	0.64	<0.05	8.3	0.227	2.16	4.3
Q935808		95.8	110.5	<0.002	0.24	14.30	9.0	1	1.1	248	0.62	<0.05	7.9	0.232	1.98	3.9
Q935809		871	159.5	<0.002	1.28	19.90	9.7	1	2.5	107.0	0.63	<0.05	12.8	0.199	2.22	4.7
Q935810		195.5	155.5	<0.002	1.32	24.7	8.9	1	2.5	124.0	0.60	<0.05	11.9	0.184	2.07	5.6
Q935811		48.5	111.5	<0.002	0.29	9.46	10.7	<1	1.8	82.9	0.65	<0.05	12.1	0.239	1.57	2.4
Q935812		45.2	133.5	0.002	0.68	22.4	9.2	1	1.6	84.4	0.57	<0.05	11.7	0.215	2.30	3.3
Q935813		188.0	156.5	<0.002	3.70	119.0	10.3	1	7.4	23.1	0.54	0.19	12.3	0.222	2.44	3.0
Q935814		1800	227	0.003	5.58	128.5	9.6	2	12.1	39.1	0.58	0.82	11.0	0.229	3.31	3.6
Q935815		206	226	0.002	2.07	56.7	10.4	1	3.2	71.5	0.60	0.13	12.1	0.229	3.15	5.3
Q935816		297	231	0.002	2.65	117.5	9.6	1	3.9	43.5	0.58	0.13	12.8	0.213	3.15	5.7
Q935817		467	153.5	0.009	2.62	23.7	8.8	1	5.2	103.5	0.46	0.29	11.3	0.192	2.41	5.1
Q935818		630	148.5	0.003	>10.0	224	7.4	2	8.8	16.4	0.42	3.02	8.7	0.170	2.13	3.3
Q935819		163.5	186.0	0.003	5.50	40.3	9.3	1	17.0	10.2	0.56	0.89	11.9	0.190	2.23	2.9
Q935820		234	54.0	0.003	>10.0	190.5	2.9	4	12.6	11.1	0.16	4.69	4.1	0.061	0.78	2.0
Q935821		109.0	134.0	0.004	>10.0	24.3	7.0	3	13.6	7.7	0.38	3.21	10.1	0.137	1.56	2.1
Q935822		632	147.0	0.003	8.97	88.8	9.1	2	18.1	6.6	0.53	2.19	13.9	0.195	2.44	3.2
Q935823		72.4	175.5	0.003	1.24	17.90	11.0	1	2.6	86.8	0.66	0.11	14.2	0.261	2.41	5.7
Q935824		40.0	175.5	0.002	1.11	36.0	9.9	1	1.9	91.3	0.58	0.09	13.1	0.215	2.54	4.5
Q935825		60.0	120.0	<0.002	0.75	52.5	7.1	<1	1.6	164.5	0.42	0.10	9.0	0.147	1.67	4.6
Q935826		1.5	1.0	0.002	0.01	0.20	0.2	<1	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935827		48.2	145.0	0.002	0.28	17.10	8.2	1	0.8	169.0	0.50	<0.05	8.3	0.185	2.25	5.1
Q935828		575	162.5	0.002	3.43	12.00	7.7	1	5.0	39.6	0.62	0.43	13.3	0.168	2.46	3.2
Q935829		46.7	164.0	0.004	1.66	9.68	9.2	1	1.9	86.5	0.55	0.20	13.2	0.216	2.56	4.1
Q935830		54.0	126.0	0.003	1.06	21.0	10.0	1	1.9	124.5	0.57	0.16	13.9	0.217	2.05	3.6
Q935831		24.6	116.0	0.003	0.98	18.25	9.0	1	2.6	152.5	0.53	0.12	11.8	0.198	1.68	5.1
Q935832		26.8	119.0	0.004	1.05	19.45	9.2	1	2.6	155.5	0.56	0.15	11.9	0.214	1.68	5.2
Q935833		32.2	119.0	0.004	0.75	9.17	10.5	1	2.2	179.0	0.60	0.18	12.7	0.244	1.79	4.9
Q935834		111.5	210	0.003	5.91	17.40	8.7	2	2.7	73.9	0.47	2.13	11.8	0.193	2.94	7.2
Q935835		81.9	178.5	0.003	1.30	9.77	10.2	1	2.0	113.5	0.55	0.23	14.4	0.232	2.33	6.4
Q935836		1210	156.0	0.004	4.38	58.6	8.8	2	7.6	90.3	0.49	1.01	11.1	0.190	2.52	5.1
Q935837		224	181.0	0.002	3.32	178.0	7.9	1	3.2	106.0	0.59	0.49	12.3	0.161	2.49	6.4
Q935838		19.1	123.5	<0.002	0.48	21.3	9.8	1	1.9	92.7	0.69	0.10	15.1	0.225	1.90	5.2
Q935839		1.5	0.9	0.002	<0.01	0.25	0.2	1	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q935840		92.2	124.5	0.002	0.24	13.90	10.4	1	2.3	307	0.66	0.08	13.2	0.243	1.72	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125422

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935805		71	2.5	9.8	1340	50.6
Q935806		76	2.0	9.3	438	53.9
Q935807		74	2.1	9.4	795	50.6
Q935808		80	2.7	10.1	468	54.2
Q935809		64	2.8	13.6	1080	24.2
Q935810		59	2.5	14.3	898	23.7
Q935811		68	2.8	13.2	253	23.9
Q935812		66	2.2	12.4	186	21.7
Q935813		68	5.1	8.9	373	21.9
Q935814		65	5.0	7.7	5470	48.6
Q935815		66	2.8	13.4	706	19.4
Q935816		63	3.2	11.0	915	18.9
Q935817		64	5.0	11.0	785	28.3
Q935818		61	5.5	6.8	1700	13.2
Q935819		64	8.6	7.2	58	22.6
Q935820		25	4.0	3.1	149	7.9
Q935821		55	8.8	6.5	45	14.0
Q935822		63	10.0	9.5	120	20.4
Q935823		72	2.9	15.2	665	27.9
Q935824		65	2.1	13.5	481	21.2
Q935825		49	1.5	12.5	175	17.7
Q935826		2	0.1	0.7	14	<0.5
Q935827		67	2.0	9.8	170	47.8
Q935828		52	2.2	7.6	746	21.1
Q935829		61	1.9	11.2	117	22.1
Q935830		64	1.8	14.0	284	24.2
Q935831		59	1.9	12.8	165	21.1
Q935832		60	2.1	13.3	171	22.0
Q935833		70	1.6	14.0	138	23.4
Q935834		60	2.5	11.5	228	18.3
Q935835		67	2.0	14.2	169	22.0
Q935836		59	5.5	10.8	2070	27.8
Q935837		51	2.7	11.2	221	21.1
Q935838		64	2.1	13.9	126	26.3
Q935839		2	0.1	0.8	12	<0.5
Q935840		68	1.3	15.9	182	26.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125422

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	PUL-31	PUL-31d

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125423

Project: KLAZA

P.O. No.: BATCH 157

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125423

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935769		4.95	0.009	0.29	7.45	23.6	1950	1.46	0.49	1.65	0.48	45.1	6.5	11	10.80	22.6
Q935770		1.73	0.186	2.44	6.70	236	1710	1.68	0.95	2.88	16.35	50.6	7.9	10	18.10	44.9
Q935771		3.08	0.007	0.32	8.24	28.8	2850	1.40	0.33	1.24	0.56	49.0	6.5	9	11.20	18.2
Q935772		5.28	0.016	0.70	7.34	120.0	1490	1.41	0.74	1.69	1.78	46.3	8.5	10	15.65	35.5
Q935773		1.91	0.222	6.15	5.95	305	940	1.33	2.61	1.73	16.95	41.7	9.1	7	10.80	13.4
Q935774		4.09	<0.005	0.02	0.06	1.0	30	0.06	0.03	19.80	0.08	1.19	0.7	<1	0.15	1.5
Q935775		4.29	0.008	0.36	7.49	56.1	1830	1.23	0.34	1.26	1.09	47.2	6.9	10	15.70	12.7
Q935776		6.56	0.011	3.09	7.55	90.6	2530	1.47	0.71	1.58	1.95	46.4	8.2	11	12.75	20.5
Q935777		1.72	0.057	1.51	7.08	962	3340	1.64	1.88	1.91	7.32	55.2	10.3	8	14.75	77.0
Q935778		4.60	0.324	4.20	7.74	1165	650	1.64	2.55	0.95	10.90	52.7	7.4	10	12.00	84.6
Q935779		0.26	0.937	11.90	6.57	1610	160	1.47	12.40	1.88	31.8	43.6	17.7	18	13.85	294
Q935780		1.06	0.379	6.84	7.53	942	1160	1.37	5.36	0.12	3.43	46.3	2.7	9	14.50	49.8
Q935781		1.31	0.129	3.84	7.40	548	170	1.39	5.32	0.10	2.06	47.7	9.9	11	7.88	31.1
Q935782		1.34	0.026	0.64	8.23	544	1010	2.09	0.65	1.29	6.39	56.2	14.0	12	25.8	27.8
Q935783		4.25	<0.005	0.02	0.05	1.7	50	<0.05	0.05	21.0	0.06	1.13	0.6	1	0.13	2.3
Q935784		5.89	0.012	0.38	7.58	203	1470	1.51	0.49	1.98	3.30	42.0	8.9	10	22.2	24.0
Q935785		6.44	0.010	0.30	7.69	133.5	1930	1.61	0.51	2.03	2.42	40.1	9.4	10	21.3	26.2
Q935786		4.06	0.011	0.25	7.60	198.0	1860	1.56	0.37	1.92	4.94	46.2	9.1	10	16.20	35.8
Q935787		4.49	0.007	0.61	7.61	142.0	2300	1.41	0.53	1.69	3.44	39.5	11.0	11	17.30	27.9
Q935788		4.44	0.013	0.77	7.12	327	2530	1.80	0.81	2.74	5.40	59.8	11.0	9	19.55	39.0
Q935789		4.99	0.029	1.07	7.63	196.5	2690	1.53	0.84	2.39	6.54	46.6	10.9	11	20.6	49.2
Q935790		2.38	0.018	0.16	7.56	44.8	2050	1.74	0.17	2.02	0.62	48.0	7.0	10	16.45	21.9
Q935791		1.37	0.018	0.13	7.36	28.7	2060	1.67	0.11	2.08	0.41	42.9	6.5	10	14.75	18.6
Q935792		1.66	0.007	0.11	6.19	77.7	2260	1.39	0.12	2.37	0.25	40.6	5.6	8	12.70	14.5
Q935793		5.68	0.014	0.27	7.43	33.0	2230	1.67	0.22	2.46	0.68	47.4	8.0	11	16.65	19.6
Q935794		4.23	0.055	0.26	7.27	75.2	2170	1.72	0.16	2.44	1.05	45.3	8.1	9	23.6	15.7
Q935795		3.93	0.022	0.78	7.21	267	1760	1.46	0.25	1.61	8.97	42.3	7.9	10	18.15	107.5
Q935796		1.56	0.073	1.19	5.32	365	440	1.36	0.35	1.16	15.10	85.7	10.5	64	6.34	207
Q935797		2.56	0.007	0.11	8.00	213	500	1.32	0.18	0.88	5.19	138.0	13.9	125	2.97	166.0
Q935798		3.06	0.104	5.68	7.06	328	760	1.65	0.94	2.00	76.8	48.7	11.3	45	16.65	87.7
Q935799		2.14	0.170	5.98	7.26	180.5	1430	1.63	0.24	2.30	117.5	42.1	11.5	74	16.05	172.0
Q935800		0.26	0.383	4.53	6.45	717	360	1.41	3.25	1.99	11.00	47.9	11.9	24	14.00	310
Q935801		0.68	1.040	7.42	6.55	1805	460	1.54	0.31	1.36	89.1	40.5	10.1	58	11.75	678
Q935802		2.43	0.090	0.95	7.28	552	1160	1.59	0.15	2.64	30.2	43.4	12.1	63	17.10	78.9
Q935803		<0.02	0.074	0.90	7.15	466	1140	1.58	0.14	2.60	28.4	40.9	11.8	61	16.90	77.7
Q935804		1.36	0.208	1.55	7.18	1655	1880	1.40	0.12	2.44	24.2	38.6	11.3	63	12.65	31.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125423

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935769		3.04	17.40	0.15	0.9	0.105	2.85	23.2	20.9	0.56	1010	1.69	0.58	8.4	2.9	620
Q935770		3.96	16.10	0.17	0.9	0.254	3.26	27.7	11.6	0.91	2260	1.99	0.04	7.4	3.1	540
Q935771		2.80	18.00	0.12	1.1	0.067	2.68	24.7	40.7	0.41	809	1.68	0.08	9.0	3.6	680
Q935772		3.28	16.45	0.14	1.0	0.152	2.56	23.7	34.5	0.63	1680	1.55	0.05	8.2	3.5	610
Q935773		5.13	14.75	0.14	0.7	0.336	2.89	21.6	12.9	0.75	2970	2.20	0.03	6.2	3.0	480
Q935774		0.44	0.23	0.20	<0.1	<0.005	0.02	0.5	1.0	12.15	186	0.21	<0.01	0.1	1.4	170
Q935775		3.03	17.05	0.17	1.0	0.060	2.43	24.7	28.7	0.53	1110	1.59	0.07	8.4	2.8	610
Q935776		3.47	17.90	0.13	0.9	0.113	2.53	23.3	35.3	0.66	1490	1.68	0.06	8.4	3.2	670
Q935777		5.54	16.15	0.14	0.8	0.330	3.59	29.1	12.5	0.73	2600	1.84	0.06	6.4	4.2	640
Q935778		4.59	16.65	0.12	0.7	0.391	3.64	29.1	10.5	0.55	1190	1.95	0.03	7.4	2.9	570
Q935779		6.65	14.70	0.10	1.0	0.792	2.95	22.6	19.6	0.76	1800	9.23	0.13	6.1	12.0	550
Q935780		3.57	16.30	0.12	1.0	0.507	3.46	26.4	8.7	0.28	112	2.43	0.04	7.6	1.6	410
Q935781		6.96	15.70	0.12	0.8	0.269	3.51	24.0	7.8	0.29	121	1.82	0.04	7.2	2.2	410
Q935782		4.95	18.45	0.14	0.8	0.115	3.45	28.8	9.5	0.62	2680	1.60	0.05	8.1	5.9	760
Q935783		0.47	0.16	0.11	<0.1	0.006	0.02	0.6	0.8	13.10	198	0.07	<0.01	0.1	1.3	180
Q935784		3.49	17.20	0.16	1.0	0.085	3.00	21.0	55.3	0.68	1260	1.68	0.05	8.2	3.6	670
Q935785		3.57	17.50	0.13	1.0	0.080	3.09	19.5	29.0	0.73	1370	1.79	0.07	8.4	3.3	660
Q935786		3.70	16.80	0.13	0.9	0.090	2.69	22.9	73.9	0.63	1350	1.72	0.22	7.9	3.6	650
Q935787		3.58	17.20	0.11	0.9	0.120	2.35	19.1	52.0	0.63	1370	1.77	0.05	8.0	3.5	680
Q935788		3.73	14.55	0.13	1.4	0.149	3.13	34.2	12.3	0.98	1580	2.27	0.04	6.7	3.6	470
Q935789		4.07	16.60	0.11	0.9	0.162	2.98	23.4	29.4	0.77	1300	1.90	0.09	7.8	3.1	660
Q935790		3.02	16.20	0.13	1.3	0.043	3.02	24.8	15.0	0.58	468	1.68	1.63	8.3	2.9	580
Q935791		2.77	16.10	0.12	1.2	0.037	3.08	21.7	13.7	0.56	462	1.55	1.72	7.8	2.7	550
Q935792		2.50	13.80	0.14	1.6	0.029	3.54	20.9	19.0	0.34	419	1.97	0.91	7.3	2.2	400
Q935793		3.14	16.40	0.13	1.0	0.054	2.77	24.5	17.9	0.69	660	2.23	1.71	8.0	3.1	610
Q935794		3.17	16.15	0.13	1.0	0.052	2.82	22.7	21.3	0.68	620	1.92	1.11	7.9	3.0	610
Q935795		3.46	15.80	0.13	1.1	0.086	2.86	20.5	26.8	0.64	1340	2.35	0.08	7.8	3.8	630
Q935796		3.90	11.25	0.13	3.0	0.152	0.71	44.0	58.2	0.51	1610	2.53	0.03	16.4	18.9	1450
Q935797		6.03	17.55	0.18	6.2	0.109	0.11	69.7	67.2	0.58	1820	1.56	0.02	29.8	32.3	3070
Q935798		4.50	15.50	0.11	1.3	0.484	3.14	26.9	8.6	1.00	3870	4.57	0.03	6.7	15.6	560
Q935799		4.35	16.30	0.12	1.7	0.601	3.33	22.4	20.4	1.20	2990	0.90	0.05	6.7	26.1	680
Q935800		4.99	15.05	0.12	1.0	0.322	2.93	25.9	27.8	0.74	1840	13.25	0.15	6.1	14.8	520
Q935801		6.34	15.50	0.11	1.5	0.900	3.09	22.1	8.0	0.90	4470	0.99	0.03	5.3	24.6	580
Q935802		3.84	16.25	0.10	1.7	0.167	3.31	23.3	20.5	1.24	2490	0.68	0.05	6.8	22.1	700
Q935803		3.75	15.85	0.11	1.7	0.160	3.32	21.7	20.2	1.21	2420	0.53	0.05	6.7	21.5	670
Q935804		3.23	16.50	0.11	1.7	0.036	3.89	19.8	17.1	0.99	1480	0.43	0.07	6.8	21.7	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125423

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935769		25.5	106.0	0.003	0.22	7.11	11.1	1	1.8	157.5	0.62	<0.05	12.1	0.258	1.52	2.6
Q935770		849	186.5	0.003	1.64	12.50	11.8	1	2.8	84.4	0.62	0.08	12.6	0.241	2.94	4.8
Q935771		22.2	102.0	0.002	0.19	12.70	11.4	1	2.1	90.9	0.71	0.05	15.0	0.272	1.29	2.9
Q935772		58.4	108.5	0.003	0.45	16.50	10.6	1	1.7	99.7	0.70	0.10	11.3	0.247	1.73	2.7
Q935773		1660	163.0	<0.002	4.10	12.15	9.5	1	7.0	53.2	0.48	0.72	8.4	0.191	2.64	3.4
Q935774		3.0	1.1	<0.002	<0.01	0.10	0.2	<1	<0.2	47.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q935775		33.1	96.0	<0.002	0.24	9.86	11.3	<1	1.7	89.4	0.68	<0.05	12.0	0.250	1.19	2.4
Q935776		178.0	101.5	0.002	0.42	14.10	12.4	1	2.0	95.6	0.63	0.08	11.8	0.281	1.47	2.6
Q935777		176.0	214	0.002	1.48	18.30	10.6	1	2.6	96.0	0.37	0.11	12.5	0.217	2.56	3.9
Q935778		477	262	<0.002	3.11	21.1	12.0	1	3.5	46.0	0.55	0.30	8.9	0.264	3.36	3.8
Q935779		1315	154.0	0.002	4.71	63.0	8.8	2	7.4	96.4	0.48	1.09	10.2	0.208	2.40	4.9
Q935780		1035	208	<0.002	1.88	17.45	10.0	1	5.3	77.4	0.62	1.34	10.6	0.241	3.21	3.4
Q935781		422	188.0	<0.002	6.03	7.53	11.7	2	5.7	55.8	0.52	1.84	7.6	0.268	3.05	2.9
Q935782		93.1	192.0	<0.002	0.70	9.70	13.4	1	1.8	81.6	0.53	0.09	10.9	0.300	2.88	5.5
Q935783		2.9	1.2	<0.002	0.01	0.07	0.1	<1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q935784		36.5	110.5	<0.002	0.30	9.01	11.0	1	1.7	118.0	0.62	0.10	11.8	0.283	2.04	3.6
Q935785		20.1	111.0	<0.002	0.26	9.13	11.1	1	1.9	108.0	0.63	0.08	10.9	0.281	2.08	3.9
Q935786		20.0	111.5	<0.002	0.24	12.15	11.2	1	1.7	154.5	0.59	0.06	10.9	0.269	1.48	3.5
Q935787		17.9	83.2	0.002	0.28	19.25	11.9	1	1.7	120.5	0.59	<0.05	9.4	0.285	1.67	4.9
Q935788		64.5	182.0	<0.002	0.39	14.25	8.7	1	1.5	76.9	0.67	0.08	21.2	0.181	2.34	4.3
Q935789		158.0	117.0	0.002	1.07	13.95	10.6	1	2.0	126.0	0.60	0.22	11.7	0.272	1.80	4.8
Q935790		24.7	114.0	<0.002	0.03	4.28	9.9	1	1.4	269	0.81	<0.05	17.8	0.242	1.10	3.8
Q935791		23.4	109.5	<0.002	0.03	3.81	8.9	1	1.5	287	0.71	<0.05	15.4	0.236	1.15	4.1
Q935792		24.5	117.5	<0.002	0.07	4.54	6.1	1	1.2	157.0	0.77	<0.05	18.5	0.170	1.23	3.0
Q935793		25.3	115.5	<0.002	0.12	3.80	10.7	1	1.6	302	0.67	<0.05	12.3	0.262	1.26	3.8
Q935794		29.9	110.5	<0.002	0.12	5.69	10.4	1	1.6	252	0.62	<0.05	12.3	0.259	1.34	3.6
Q935795		36.5	106.5	<0.002	0.18	19.70	10.2	1	1.6	93.7	0.64	<0.05	12.2	0.249	1.52	3.5
Q935796		61.8	42.1	<0.002	0.34	77.1	8.3	1	1.6	152.0	0.73	<0.05	7.4	0.440	0.67	13.5
Q935797		27.9	6.3	<0.002	0.05	60.4	13.6	1	2.0	110.0	1.27	<0.05	8.9	0.790	0.17	10.0
Q935798		1840	186.5	<0.002	0.98	19.15	9.8	1	4.1	76.0	0.55	0.05	14.2	0.216	2.96	4.7
Q935799		2790	171.5	<0.002	0.69	15.15	9.4	1	2.6	135.5	0.54	<0.05	9.5	0.213	2.97	4.9
Q935800		485	147.5	0.005	2.66	27.2	8.9	1	5.4	110.5	0.48	0.30	10.8	0.202	2.48	5.2
Q935801		1475	204	<0.002	2.77	22.0	8.7	1	5.9	67.2	0.46	<0.05	8.4	0.177	2.76	4.6
Q935802		271	179.5	<0.002	0.29	10.85	9.6	1	1.6	175.0	0.58	<0.05	10.0	0.220	2.72	4.4
Q935803		254	165.0	<0.002	0.27	10.25	9.0	<1	1.6	172.0	0.57	<0.05	9.3	0.220	2.69	4.2
Q935804		171.5	167.5	<0.002	0.54	15.60	8.7	<1	1.9	210	0.58	<0.05	8.9	0.219	2.70	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125423

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935769		72	7.9	15.7	98	23.2
Q935770		75	3.5	15.5	1140	22.2
Q935771		73	9.3	14.6	117	26.1
Q935772		69	5.1	15.3	282	22.3
Q935773		62	4.3	10.5	1130	15.2
Q935774		2	0.1	0.8	14	<0.5
Q935775		70	8.1	15.7	171	23.5
Q935776		80	8.0	15.7	271	22.7
Q935777		67	3.2	17.8	959	21.4
Q935778		77	6.6	12.2	572	16.6
Q935779		64	5.7	11.8	2310	29.4
Q935780		68	9.5	5.6	447	26.1
Q935781		74	7.1	7.4	296	16.0
Q935782		87	3.3	21.3	1320	18.5
Q935783		2	0.2	0.8	16	<0.5
Q935784		79	3.1	16.1	444	27.2
Q935785		77	4.3	16.5	323	28.7
Q935786		75	3.2	17.8	642	24.2
Q935787		86	2.9	14.9	370	24.3
Q935788		56	2.0	16.3	500	36.9
Q935789		78	2.3	16.8	672	23.0
Q935790		67	1.8	16.4	136	35.0
Q935791		64	1.7	14.3	105	32.7
Q935792		44	2.0	13.7	106	40.7
Q935793		72	2.0	16.4	110	26.1
Q935794		71	2.4	15.9	195	26.8
Q935795		70	2.9	15.4	634	29.3
Q935796		66	7.2	19.8	831	130.0
Q935797		96	19.5	31.2	820	277
Q935798		68	3.8	13.5	3820	38.3
Q935799		78	2.8	12.8	6890	56.6
Q935800		65	5.5	12.0	846	31.6
Q935801		70	3.1	9.0	4740	45.6
Q935802		77	2.2	12.8	2240	53.5
Q935803		76	2.1	11.6	2150	53.1
Q935804		77	2.4	10.4	1560	53.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125423

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

CERTIFICATE WH14125424

Project: KLAZA

P.O. No.: BATCH 154

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

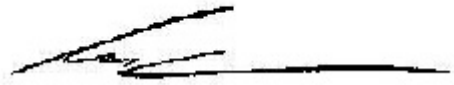
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125424

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933840		7.17	<0.005	0.12	7.42	9.1	2240	1.47	1.16	2.96	0.09	50.8	7.0	11	11.55	19.4
Q933841		1.05	<0.005	0.13	7.43	22.4	1020	1.72	0.15	4.98	0.12	74.8	11.0	43	20.7	13.0
Q933842		1.59	<0.005	0.15	7.25	15.6	2370	1.46	2.21	2.72	0.09	46.5	7.1	12	19.55	18.6
Q933843		3.35	<0.005	0.03	7.28	30.6	1090	1.30	0.10	4.98	0.13	67.0	9.7	40	26.5	9.9
Q933844		2.15	0.005	0.59	7.50	49.3	1800	1.63	1.62	2.54	0.19	47.8	9.8	16	20.0	46.4
Q933845		6.31	<0.005	0.12	7.56	8.1	2260	1.52	1.39	2.59	0.11	49.6	7.1	16	10.90	17.9
Q933846		10.95	<0.005	0.08	7.38	7.2	2580	1.50	2.18	2.52	0.08	51.1	8.5	15	9.23	12.5
Q933847		2.60	<0.005	0.09	7.82	7.6	2330	1.42	3.93	1.84	0.08	50.2	7.3	11	11.00	21.5
Q933848		1.64	0.007	0.27	7.04	34.0	1760	1.19	2.45	2.49	0.22	47.3	11.7	14	10.35	64.9
Q933849		<0.02	0.008	0.30	6.99	32.3	1810	1.22	2.05	2.52	0.24	48.8	11.9	11	10.15	64.4
Q933850		6.47	<0.005	0.20	7.97	8.4	2350	1.59	3.18	2.69	0.10	53.9	6.7	14	8.66	27.3
Q933851		11.07	<0.005	0.09	7.76	15.8	2280	1.57	2.39	2.52	0.12	56.5	7.3	13	7.15	25.6
Q933852		2.87	0.035	0.95	7.00	106.5	1800	1.35	0.58	2.81	0.35	52.2	5.9	11	16.15	97.0
Q933853		4.91	<0.005	0.13	7.65	6.4	2330	1.57	1.24	2.74	0.11	51.6	7.3	13	13.35	41.7
Q933854		0.26	0.347	4.63	6.83	715	400	1.34	3.45	2.12	10.55	48.2	11.9	25	13.30	322
Q933855		3.52	0.293	67.2	6.73	1410	1360	1.25	0.96	2.31	12.60	46.8	6.5	10	13.85	149.0
Q933856		3.08	<0.005	0.24	6.87	11.2	1760	1.37	0.91	2.92	0.09	44.9	4.0	13	11.15	3.4
Q933857		5.90	<0.005	0.11	8.15	26.1	2510	1.25	0.83	1.06	0.10	55.6	5.6	9	11.50	2.4
Q933858		3.73	<0.005	0.57	8.30	53.4	2310	2.04	0.90	0.67	0.14	52.4	7.0	7	22.3	2.3
Q933859		3.16	0.006	0.37	6.67	54.2	640	1.80	0.74	1.47	0.40	34.4	5.6	9	19.05	1.4
Q933860		1.89	1.220	5.06	4.53	739	1660	1.30	0.46	2.73	0.59	36.6	4.3	7	14.75	25.8
Q933861		4.52	<0.005	0.02	0.07	1.1	20	0.07	0.03	21.6	0.07	1.18	0.6	<1	0.17	0.7
Q933862		3.82	<0.005	0.34	6.62	39.3	1420	1.43	0.90	2.27	0.31	38.8	14.1	8	19.30	25.8
Q933863		<0.02	0.005	0.40	6.77	40.7	1390	1.65	0.96	2.09	0.29	34.9	14.7	9	18.45	26.5
Q933864		5.26	0.005	0.24	6.28	36.5	1260	1.42	1.34	2.45	0.38	34.0	7.8	8	17.25	38.1
Q933865		4.08	0.052	0.63	6.18	102.0	2250	1.57	0.65	2.22	0.42	37.5	5.0	8	18.05	46.0
Q933866		0.26	0.870	11.50	6.62	1525	750	1.42	11.65	1.81	32.9	48.4	17.8	17	13.80	282
Q933867		5.55	<0.005	0.16	6.34	23.2	3070	1.38	0.66	4.77	0.47	45.1	4.5	7	18.35	2.8
Q933868		4.46	0.331	2.11	7.34	258	1370	1.42	1.03	0.98	3.64	55.9	5.1	7	29.0	7.3
Q933869		2.95	3.98	>100	3.74	4770	840	1.28	0.85	0.39	184.0	32.4	2.1	4	16.90	366
Q933870		6.58	<0.005	0.36	0.08	5.3	40	0.08	0.02	19.55	0.34	1.39	0.6	1	0.17	1.4
Q933871		2.55	0.209	5.77	7.15	881	450	1.24	2.20	0.12	27.5	47.7	2.3	8	23.7	305
Q933872		4.93	0.207	10.50	8.22	591	1920	1.47	1.66	0.89	24.0	56.8	14.5	7	15.00	147.0
Q933873		9.54	0.006	0.33	8.39	30.6	1960	1.32	1.73	1.47	0.33	56.7	17.1	9	11.45	17.8
Q933874		2.34	<0.005	0.23	8.16	11.6	1860	1.24	0.36	1.10	0.34	48.9	6.7	8	11.35	23.9
Q933875		3.27	0.014	1.16	6.54	73.5	1650	1.32	0.83	1.83	0.91	37.6	7.2	8	14.20	93.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125424

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933840		3.22	15.80	0.15	1.2	0.053	2.89	26.2	15.0	0.69	608	2.16	2.12	7.6	2.4	650
Q933841		3.95	18.20	0.18	4.1	0.041	2.36	38.4	20.9	1.66	695	1.56	1.75	10.4	15.8	1880
Q933842		2.87	15.25	0.17	1.1	0.031	2.83	24.2	30.2	0.83	556	2.19	2.13	7.3	3.9	630
Q933843		3.62	16.65	0.17	3.9	0.035	1.37	34.5	70.8	1.66	653	1.20	0.91	9.6	15.1	1730
Q933844		3.07	16.85	0.17	1.7	0.074	3.02	24.6	16.1	0.86	971	2.56	1.78	7.8	6.1	770
Q933845		3.06	16.30	0.20	1.2	0.038	2.78	25.9	16.9	0.82	565	2.09	2.47	8.0	2.5	640
Q933846		3.18	16.00	0.18	1.3	0.038	2.80	26.6	15.3	0.81	577	1.95	2.40	7.9	3.4	610
Q933847		3.24	16.65	0.15	1.3	0.038	3.07	26.6	20.6	0.66	480	2.24	1.64	8.1	2.5	650
Q933848		2.95	15.25	0.20	1.1	0.088	3.03	25.7	27.5	0.75	1130	4.54	0.46	7.2	2.1	600
Q933849		2.97	15.25	0.18	1.1	0.091	3.07	26.3	26.7	0.74	1130	4.13	0.47	7.0	2.2	600
Q933850		3.28	16.55	0.17	1.4	0.056	3.06	28.8	12.5	0.81	767	2.49	2.42	8.1	2.6	650
Q933851		3.18	16.40	0.16	1.4	0.052	2.95	30.0	15.5	0.86	602	2.15	2.52	8.3	2.3	640
Q933852		3.23	15.15	0.17	1.2	0.187	3.84	28.5	15.7	0.83	2900	1.82	0.53	7.0	2.2	570
Q933853		3.19	17.10	0.17	1.5	0.058	2.93	26.5	12.5	0.85	688	2.31	2.16	8.2	2.7	640
Q933854		5.16	15.25	0.15	1.0	0.307	3.00	27.8	25.6	0.81	1900	14.05	0.16	6.0	13.9	550
Q933855		3.14	14.90	0.15	1.3	0.063	3.11	24.7	38.2	0.75	2060	1.39	0.12	7.0	2.2	560
Q933856		3.11	15.10	0.18	1.1	0.087	2.78	23.1	27.0	0.90	770	1.92	1.16	7.3	2.1	590
Q933857		3.14	16.85	0.19	1.3	0.082	2.82	31.7	27.6	0.82	425	1.39	1.04	8.3	2.5	660
Q933858		3.74	18.15	0.16	1.5	0.081	2.18	28.8	52.7	0.67	481	1.41	1.05	8.3	2.9	660
Q933859		2.61	15.15	0.11	1.1	0.070	2.33	16.5	218	0.24	1580	4.68	0.04	7.3	2.4	560
Q933860		2.62	10.15	0.15	0.7	0.044	1.59	20.7	93.9	0.43	18100	4.11	0.03	4.4	3.2	330
Q933861		0.49	0.25	0.20	<0.1	0.005	0.03	0.6	1.4	13.30	225	0.21	0.01	0.1	2.2	180
Q933862		2.77	16.40	0.22	1.1	0.094	2.18	19.5	96.9	0.49	1420	1.87	0.04	7.5	2.3	580
Q933863		2.61	17.15	0.08	1.2	0.091	2.15	16.0	96.6	0.46	1420	1.81	0.03	7.6	2.8	540
Q933864		2.46	15.95	0.07	1.2	0.046	2.56	15.8	102.5	0.47	1280	3.18	0.05	7.6	2.6	540
Q933865		2.53	15.10	0.07	1.1	0.079	2.73	18.3	125.5	0.63	4020	1.98	0.05	6.7	2.3	490
Q933866		6.31	15.50	0.09	1.1	0.807	2.82	24.7	20.8	0.76	1860	9.05	0.12	6.4	12.2	540
Q933867		2.76	14.35	0.08	1.1	0.070	2.25	23.3	151.5	0.84	1920	0.83	0.03	6.5	2.0	490
Q933868		2.25	17.40	0.10	1.2	0.061	2.94	29.2	223	0.38	1760	1.65	0.05	8.1	2.4	520
Q933869		3.18	9.42	0.06	0.7	0.214	1.39	17.5	48.6	0.20	4330	10.20	0.02	3.9	1.2	280
Q933870		0.44	0.28	0.17	<0.1	0.005	0.03	0.7	1.7	12.50	196	0.10	<0.01	0.2	1.6	220
Q933871		4.30	15.50	0.11	1.3	0.349	3.25	25.6	24.0	0.27	322	4.55	0.02	6.8	1.7	640
Q933872		4.02	18.25	0.11	1.5	0.136	2.98	29.9	39.3	0.65	2560	2.64	0.50	8.9	3.4	680
Q933873		3.19	18.70	0.12	1.3	0.088	2.74	28.9	32.5	0.84	570	3.24	1.19	8.8	2.6	660
Q933874		2.80	18.20	0.09	1.5	0.050	2.82	24.3	31.3	0.40	917	2.33	0.17	8.5	2.5	620
Q933875		2.83	16.15	0.08	1.3	0.062	3.20	17.4	26.8	0.52	2380	2.75	0.07	7.5	2.5	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125424

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933840		16.9	117.0	<0.002	0.06	4.59	10.9	<1	2.8	345	0.62	<0.05	13.8	0.264	1.23	4.4
Q933841		16.1	68.6	<0.002	0.02	2.59	8.7	1	1.2	618	0.60	<0.05	8.1	0.450	0.87	3.1
Q933842		16.1	109.5	<0.002	0.15	1.47	9.8	1	2.8	354	0.57	<0.05	12.5	0.255	1.10	4.0
Q933843		13.4	47.7	<0.002	0.03	2.35	7.9	1	1.2	566	0.57	<0.05	7.3	0.421	0.50	2.7
Q933844		26.7	125.5	0.002	0.29	7.52	9.2	1	2.5	314	0.63	0.05	12.0	0.281	1.41	5.7
Q933845		17.5	115.5	<0.002	0.03	1.53	10.4	1	2.7	394	0.63	<0.05	13.2	0.258	1.16	4.3
Q933846		16.8	113.0	<0.002	0.05	1.59	10.4	1	2.6	399	0.66	<0.05	13.2	0.255	1.15	4.6
Q933847		16.8	130.0	<0.002	0.05	4.41	10.7	1	3.0	258	0.67	<0.05	13.9	0.269	1.32	3.4
Q933848		18.5	134.0	<0.002	0.38	35.3	9.9	<1	2.7	120.5	0.55	0.06	11.4	0.245	1.49	4.8
Q933849		18.5	130.5	<0.002	0.39	33.9	9.9	<1	2.6	120.5	0.55	0.05	11.9	0.251	1.56	4.8
Q933850		16.7	129.5	<0.002	0.15	3.36	10.8	1	2.7	388	0.67	<0.05	13.8	0.279	1.29	4.7
Q933851		17.8	121.0	<0.002	0.04	2.48	10.7	<1	2.8	386	0.68	<0.05	15.1	0.262	1.17	4.9
Q933852		143.0	212	<0.002	1.05	39.1	9.7	<1	2.4	122.5	0.57	<0.05	12.9	0.230	2.72	5.7
Q933853		18.4	127.0	<0.002	0.04	6.69	11.9	1	2.5	355	0.69	<0.05	13.8	0.270	1.42	3.6
Q933854		494	162.5	0.004	2.76	28.3	9.1	<1	5.3	111.5	0.49	0.31	11.2	0.212	2.39	5.1
Q933855		1740	151.5	<0.002	1.16	166.0	9.5	<1	2.8	91.8	0.58	<0.05	12.5	0.239	1.98	7.3
Q933856		15.1	111.5	<0.002	0.07	6.92	10.0	<1	5.0	198.0	0.61	<0.05	12.8	0.240	1.36	3.4
Q933857		17.5	111.5	<0.002	0.02	16.95	10.3	<1	5.3	125.0	0.69	<0.05	16.3	0.268	1.25	3.5
Q933858		21.0	109.5	<0.002	0.04	28.3	11.4	1	7.3	95.1	0.67	<0.05	16.4	0.265	1.39	5.0
Q933859		12.8	107.5	<0.002	0.03	50.2	9.9	<1	5.6	101.0	0.54	<0.05	9.6	0.256	1.89	5.0
Q933860		40.2	80.8	<0.002	0.23	74.5	5.8	1	2.5	147.5	0.34	<0.05	8.3	0.144	1.40	5.7
Q933861		1.7	1.1	<0.002	<0.01	0.25	0.2	<1	<0.2	48.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933862		17.7	90.2	<0.002	0.16	38.3	9.6	<1	2.7	108.0	0.60	0.05	11.3	0.247	1.78	4.4
Q933863		16.3	85.2	<0.002	0.14	38.1	9.2	<1	2.9	105.0	0.61	<0.05	9.6	0.240	1.85	3.9
Q933864		17.8	90.5	<0.002	0.05	39.8	8.7	1	2.5	132.5	0.64	<0.05	9.4	0.238	1.92	3.6
Q933865		17.6	104.5	<0.002	0.31	53.2	8.5	1	2.1	115.0	0.59	<0.05	10.0	0.207	1.94	3.6
Q933866		1260	173.0	<0.002	4.63	65.6	9.4	1	8.1	95.7	0.52	1.08	11.4	0.208	2.54	5.2
Q933867		13.1	89.9	<0.002	0.08	37.0	9.2	<1	2.1	240	0.55	<0.05	10.4	0.207	1.47	2.5
Q933868		177.0	151.5	<0.002	0.14	54.2	10.8	1	3.3	132.0	0.65	0.07	15.5	0.234	2.28	3.6
Q933869		>10000	78.8	<0.002	0.91	366	5.7	<1	9.6	112.5	0.32	<0.05	7.1	0.123	1.59	7.0
Q933870		17.0	1.2	<0.002	<0.01	0.62	0.2	<1	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	<0.02	1.1
Q933871		221	219	<0.002	0.19	107.0	10.1	<1	3.3	35.7	0.56	<0.05	14.3	0.215	3.70	7.9
Q933872		358	145.5	<0.002	0.15	45.0	11.4	1	4.2	87.9	0.77	0.06	17.7	0.262	1.86	4.5
Q933873		18.4	122.5	<0.002	0.33	8.69	11.6	1	2.8	111.0	0.75	<0.05	16.6	0.264	1.37	1.8
Q933874		24.2	128.0	<0.002	0.04	18.90	11.5	1	2.3	80.9	0.71	<0.05	15.7	0.261	1.57	4.9
Q933875		102.0	142.5	<0.002	0.57	41.5	9.7	<1	1.8	69.9	0.60	<0.05	10.3	0.230	2.60	6.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125424

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001
Q933840		72	2.4	17.6	47	31.7		
Q933841		89	0.8	14.3	84	174.0		
Q933842		67	1.9	15.8	47	31.9		
Q933843		87	0.8	12.4	82	161.5		
Q933844		72	3.0	15.0	81	56.3		
Q933845		69	2.4	17.4	45	34.1		
Q933846		68	3.1	17.8	44	35.1		
Q933847		70	3.0	16.9	47	36.2		
Q933848		69	3.9	15.5	54	31.2		
Q933849		70	3.8	15.6	54	30.2		
Q933850		70	4.1	18.1	46	36.1		
Q933851		70	2.4	18.4	47	36.1		
Q933852		64	4.1	15.2	85	33.6		
Q933853		77	1.2	18.5	49	37.4		
Q933854		67	5.4	11.4	892	30.3		
Q933855		66	2.7	14.9	2440	33.5		
Q933856		65	2.5	15.6	46	31.7		
Q933857		71	9.5	15.8	54	35.3		
Q933858		66	7.1	16.3	87	43.5		
Q933859		67	3.8	11.9	81	32.6		
Q933860		41	25.4	11.1	126	20.6		
Q933861		2	0.1	0.8	16	0.7		
Q933862		67	2.5	13.5	78	27.1		
Q933863		65	2.6	12.9	74	29.9		
Q933864		66	2.8	12.2	84	33.5		
Q933865		60	2.2	12.8	70	29.6		
Q933866		63	6.1	11.8	2390	30.8		
Q933867		63	2.8	18.6	97	28.4		
Q933868		65	4.0	15.0	732	33.0		
Q933869		37	3.8	6.4	4390	17.8	264	1.405
Q933870		2	<0.1	0.9	20	<0.5		
Q933871		62	8.6	7.8	1660	36.7		
Q933872		70	11.3	16.9	3920	38.6		
Q933873		70	7.5	17.2	61	33.8		
Q933874		69	7.5	17.0	74	37.6		
Q933875		67	6.8	14.2	110	33.2		

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125424

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
Pb-OG62	PUL-31	PUL-31d	PUL-QC

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

CERTIFICATE WH14125425

Project: KLAZA

P.O. No.: BATCH 150

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125425

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933305		4.97	<0.005	0.19	7.33	22.3	1150	1.75	0.18	1.55	0.31	47.2	6.2	9	29.2	8.3
Q933306		1.77	2.94	25.5	4.22	9560	180	1.09	1.27	1.10	41.9	25.6	10.2	8	9.21	154.0
Q933307		6.14	0.005	0.38	7.16	47.0	2120	1.59	0.21	1.60	0.33	46.7	7.0	10	26.1	11.4
Q933308		<0.02	<0.005	0.26	7.20	41.9	2170	1.53	0.25	1.61	0.31	45.6	6.9	9	25.6	9.5
Q933309		1.51	0.243	2.84	4.26	1420	570	1.21	0.18	1.53	19.95	31.9	5.1	12	14.75	18.9
Q933310		3.24	0.048	1.35	7.14	899	1760	1.54	0.24	1.60	4.79	41.6	7.0	9	20.0	17.1
Q933311		4.34	0.026	0.71	7.08	42.9	770	1.44	0.61	1.64	0.59	48.7	8.3	12	27.4	7.3
Q933312		0.26	0.393	4.39	6.73	686	560	1.39	3.30	1.96	10.75	50.7	11.9	22	13.65	308
Q933313		6.75	0.005	0.20	7.27	12.5	1690	1.31	0.26	1.84	1.20	49.3	8.3	13	21.0	8.8
Q933314		3.95	0.120	2.99	7.01	189.0	1160	1.52	1.70	2.02	5.41	48.6	23.3	11	14.50	17.2
Q933315		4.26	<0.005	0.01	0.08	0.6	20	0.06	0.01	19.75	0.08	1.16	0.6	<1	0.24	1.2
Q933316		2.30	<0.005	0.15	6.89	37.8	1550	1.68	0.21	2.49	0.24	39.2	6.0	11	22.8	4.5
Q933317		6.95	<0.005	0.29	6.84	18.7	1280	1.53	0.16	2.18	0.43	39.8	6.6	13	18.15	9.6
Q933318		4.47	0.019	2.10	6.88	77.3	1640	1.50	0.30	2.85	8.58	46.6	6.5	9	20.7	17.3
Q933319		5.44	0.204	2.49	6.92	235	1330	1.31	0.20	2.50	3.24	40.1	7.6	12	14.35	19.1
Q933320		6.68	0.580	6.87	6.71	1280	640	1.34	1.06	1.75	34.2	47.8	6.2	8	14.45	56.2
Q933321		4.29	0.101	6.83	6.66	129.0	910	1.39	1.08	2.29	8.35	49.2	8.6	8	16.30	13.2
Q933322		0.24	0.836	11.80	6.49	1510	860	1.33	11.95	1.77	31.4	47.3	17.6	17	13.50	278
Q933323		4.00	0.006	0.18	6.80	16.3	2110	1.42	0.72	2.47	0.11	42.0	7.0	12	16.10	12.3
Q933324		2.05	0.092	4.23	6.69	128.5	970	1.39	1.40	2.25	12.05	48.5	7.7	9	18.50	23.2
Q933325		1.59	0.126	6.01	6.05	124.5	360	1.45	4.75	3.25	4.07	35.5	7.5	7	14.40	21.5
Q933326		9.54	0.030	0.42	7.45	14.2	2190	1.53	0.78	2.26	0.17	52.7	9.4	13	7.33	11.8
Q933327		5.97	0.006	0.24	7.19	9.5	2130	1.45	0.46	2.35	0.16	48.7	7.2	10	6.70	12.4
Q933328		10.19	<0.005	0.13	7.50	8.5	2250	1.59	0.77	2.36	0.12	55.8	7.0	11	7.88	11.6
Q933329		10.11	0.216	0.94	7.31	129.5	2170	1.59	0.75	2.43	3.25	54.0	9.3	13	9.34	15.5
Q933330		6.34	0.516	9.28	6.35	301	1260	1.39	18.15	1.44	94.7	41.6	8.7	12	10.55	72.5
Q933331		10.60	<0.005	0.15	6.66	15.7	640	1.97	0.11	2.84	0.49	52.4	5.7	12	22.3	6.9
Q933332		9.68	<0.005	0.08	6.82	14.4	1650	1.97	0.13	2.60	0.47	54.9	5.7	14	21.2	5.2
Q933333		11.11	0.064	1.13	6.85	132.0	590	2.04	0.42	2.80	3.90	48.0	6.6	8	27.5	12.1
Q933334		5.27	<0.005	0.12	6.74	21.5	1470	1.76	0.10	3.08	0.56	49.6	5.0	9	23.0	5.2
Q933335		7.57	<0.005	0.28	6.89	47.0	1720	1.79	0.11	3.40	0.14	51.9	6.4	8	21.8	5.3
Q933336		2.20	0.912	27.0	7.16	868	1060	1.59	3.89	1.31	50.4	45.6	7.5	8	14.25	134.5
Q933337		7.32	<0.005	0.10	0.07	0.2	20	0.05	0.03	20.8	0.10	1.33	0.7	<1	0.25	2.7
Q933338		8.82	0.326	2.95	7.38	169.0	310	1.47	2.02	1.64	8.22	48.0	6.5	10	15.20	22.5
Q933339		2.20	1.180	23.8	7.19	281	910	1.63	4.73	1.97	83.5	52.0	8.3	8	23.0	127.5
Q933340		4.10	0.010	0.45	7.23	40.6	730	1.92	0.23	2.20	1.72	63.6	7.2	21	23.4	17.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125425

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933305		2.52	17.05	0.08	1.2	0.048	2.00	23.4	345	0.56	1060	1.09	0.03	7.8	2.1	590
Q933306		5.01	10.15	<0.05	0.7	0.888	1.88	12.3	37.9	0.44	2890	15.50	0.02	4.1	3.0	290
Q933307		2.57	16.40	0.08	1.2	0.046	2.38	23.3	470	0.59	1070	2.57	0.04	7.6	2.5	570
Q933308		2.63	16.30	0.08	1.1	0.043	2.37	22.7	480	0.58	1080	2.51	0.04	7.5	2.3	560
Q933309		2.62	10.15	0.07	0.7	0.373	1.71	17.0	106.0	0.53	1440	11.00	0.02	4.3	1.9	270
Q933310		2.82	16.95	0.07	1.2	0.055	2.94	19.9	83.7	0.61	2330	1.43	0.05	7.5	2.4	550
Q933311		2.77	15.65	0.08	1.1	0.079	2.33	25.9	304	0.61	1160	3.03	0.04	7.2	2.9	540
Q933312		4.90	15.55	0.08	1.1	0.310	2.91	27.8	27.4	0.76	1870	14.30	0.15	6.0	14.4	510
Q933313		2.77	16.80	0.09	1.4	0.085	2.57	24.5	102.5	0.58	822	1.59	0.77	8.3	2.8	560
Q933314		3.52	16.10	0.08	1.0	0.246	2.94	26.2	180.0	0.81	1420	6.49	0.09	6.8	2.6	550
Q933315		0.44	0.27	0.21	<0.1	0.006	0.03	0.5	2.7	12.70	198	0.08	<0.01	0.2	1.6	170
Q933316		2.57	16.90	0.14	1.3	0.054	3.26	18.0	177.0	0.63	1160	1.04	0.51	8.2	2.2	610
Q933317		2.73	16.95	0.10	1.3	0.053	2.43	18.8	168.5	0.66	1240	1.61	0.18	8.2	2.3	580
Q933318		2.95	15.85	0.11	1.1	0.079	2.61	23.0	50.5	0.80	1490	0.94	0.65	7.3	2.4	570
Q933319		3.05	16.55	0.09	1.1	0.049	2.17	18.6	24.5	0.66	965	1.58	0.54	7.7	2.3	560
Q933320		4.77	14.75	0.07	1.0	0.337	3.04	25.2	20.5	0.66	3190	3.91	0.05	6.2	2.2	500
Q933321		4.00	14.70	0.08	1.0	0.078	2.89	26.3	40.1	0.85	3090	2.23	0.02	6.5	2.4	500
Q933322		6.19	15.05	0.07	1.1	0.761	2.82	24.5	19.7	0.75	1780	8.55	0.12	6.2	11.8	530
Q933323		2.71	15.55	0.08	1.2	0.051	2.96	19.7	34.9	0.72	772	1.77	1.26	7.1	2.2	560
Q933324		3.77	15.00	0.07	1.1	0.068	3.01	25.2	70.5	0.71	2340	1.28	0.21	6.9	2.5	530
Q933325		3.31	15.75	0.07	1.1	0.115	3.02	16.0	30.3	0.32	1480	1.32	0.24	6.9	2.2	520
Q933326		2.96	16.60	0.11	1.3	0.061	2.68	26.6	11.1	0.78	642	1.22	2.15	7.8	2.5	580
Q933327		2.82	16.05	0.09	1.2	0.051	2.59	23.7	10.3	0.76	630	1.01	2.23	7.4	2.5	560
Q933328		3.07	15.65	0.16	1.2	0.068	2.77	29.1	12.8	0.85	652	1.29	2.17	7.9	2.4	580
Q933329		3.09	15.20	0.18	1.2	0.064	2.70	28.8	14.4	0.79	846	1.91	1.89	7.9	2.3	550
Q933330		4.81	13.60	0.16	0.9	0.748	3.18	21.3	6.0	0.58	1390	1.58	0.04	6.0	2.3	490
Q933331		2.34	17.90	0.17	3.4	0.025	2.49	25.1	23.2	0.73	433	1.37	1.19	10.4	4.9	950
Q933332		2.33	18.45	0.18	3.6	0.025	2.35	27.1	36.5	0.71	481	0.86	0.65	10.4	4.9	990
Q933333		2.52	17.15	0.17	3.4	0.108	2.93	24.0	36.4	0.92	644	3.67	0.05	9.5	4.1	750
Q933334		2.40	16.80	0.20	3.0	0.034	3.49	24.8	31.3	0.90	579	0.85	0.05	9.4	3.8	690
Q933335		2.67	17.40	0.26	3.4	0.031	3.61	26.0	29.5	1.00	667	1.38	0.06	9.8	4.1	740
Q933336		4.72	15.40	0.33	1.8	0.377	3.29	23.8	15.3	0.60	565	3.57	0.05	5.3	3.0	580
Q933337		0.49	0.23	0.23	<0.1	0.006	0.03	0.6	1.1	13.05	206	0.06	<0.01	0.2	1.4	180
Q933338		4.59	15.25	0.20	1.3	0.099	3.31	24.7	17.6	0.71	959	1.79	0.50	6.9	2.3	570
Q933339		3.97	15.85	0.18	2.0	1.200	3.17	28.2	28.5	0.78	1220	1.93	0.05	6.8	3.7	590
Q933340		2.71	17.70	0.18	4.2	0.052	2.11	31.9	181.0	0.82	634	1.22	0.04	10.6	7.5	1280

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125425

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933305		17.6	88.5	<0.002	0.17	28.1	10.8	1	2.0	174.5	0.62	<0.05	12.8	0.245	1.67	3.8
Q933306		2770	124.5	0.004	4.29	170.0	6.3	<1	3.4	66.1	0.33	0.18	6.4	0.136	1.94	10.7
Q933307		19.2	98.1	<0.002	0.28	27.7	9.9	1	2.1	157.0	0.61	<0.05	13.5	0.232	1.77	4.9
Q933308		18.0	91.1	<0.002	0.27	26.2	9.6	<1	2.1	158.0	0.60	0.09	12.7	0.233	1.76	4.7
Q933309		475	106.5	0.004	1.27	98.4	6.6	1	2.1	90.7	0.34	0.06	7.6	0.133	1.84	17.4
Q933310		179.0	122.5	<0.002	0.65	45.2	10.0	1	2.7	85.9	0.60	0.10	13.0	0.226	2.44	3.9
Q933311		77.8	124.0	<0.002	0.57	32.2	9.7	<1	2.3	123.5	0.61	0.17	13.2	0.224	1.83	5.1
Q933312		448	165.5	0.003	2.62	26.4	9.3	1	5.7	106.0	0.50	0.34	11.9	0.200	2.46	5.1
Q933313		52.2	110.5	<0.002	0.18	22.0	10.5	<1	1.8	204	0.72	0.11	14.0	0.235	1.30	4.3
Q933314		360	179.0	<0.002	1.75	15.40	10.8	1	2.5	88.6	0.55	0.63	13.9	0.221	2.35	4.5
Q933315		2.1	1.5	<0.002	<0.01	0.11	0.2	<1	<0.2	45.8	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q933316		18.6	117.0	<0.002	0.31	9.83	9.9	<1	2.1	196.0	0.69	0.08	9.4	0.249	2.08	4.0
Q933317		39.6	86.8	<0.002	0.13	18.10	10.2	1	2.0	149.0	0.68	<0.05	10.3	0.242	1.58	3.4
Q933318		604	110.5	<0.002	0.64	7.61	10.1	<1	3.6	164.5	0.60	<0.05	11.5	0.236	1.68	4.5
Q933319		465	76.1	<0.002	0.75	4.53	9.6	1	2.3	142.5	0.62	0.05	10.4	0.233	1.46	3.9
Q933320		1060	178.0	<0.002	2.83	26.6	8.6	<1	4.4	88.3	0.50	0.14	13.0	0.204	2.67	3.9
Q933321		1905	188.0	<0.002	2.21	19.85	9.1	1	2.6	105.5	0.55	0.55	13.2	0.209	2.97	4.5
Q933322		1260	166.5	0.002	4.53	62.7	9.1	1	7.8	93.7	0.52	1.78	11.6	0.210	2.43	5.0
Q933323		16.1	122.5	<0.002	0.35	5.13	9.0	<1	1.8	298	0.60	0.35	12.2	0.226	1.90	3.5
Q933324		1020	147.0	<0.002	2.07	12.90	9.3	1	3.3	146.0	0.58	0.22	13.8	0.218	2.34	4.6
Q933325		595	137.0	<0.002	2.57	10.75	8.8	1	3.7	131.0	0.58	0.49	9.3	0.217	2.23	5.1
Q933326		21.7	115.0	<0.002	0.36	1.45	10.3	1	2.1	374	0.65	0.49	15.7	0.233	1.14	4.4
Q933327		22.6	97.1	<0.002	0.21	1.26	9.8	1	1.9	389	0.64	0.28	13.9	0.235	1.06	3.9
Q933328		18.4	113.5	<0.002	0.26	1.42	10.3	<1	1.9	373	0.66	0.40	14.6	0.249	1.19	4.7
Q933329		144.5	119.0	<0.002	0.64	2.69	10.4	1	2.1	338	0.68	0.27	14.5	0.243	1.37	4.9
Q933330		1490	185.5	<0.002	4.16	9.83	8.7	1	4.4	94.6	0.51	8.17	10.4	0.207	2.72	4.5
Q933331		30.1	75.8	<0.002	0.03	4.80	4.5	<1	1.4	459	0.73	<0.05	8.4	0.292	1.07	3.5
Q933332		23.8	73.0	<0.002	0.05	8.46	4.8	1	1.5	414	0.71	<0.05	8.4	0.296	1.13	3.4
Q933333		220	133.5	<0.002	0.20	27.1	7.5	1	1.4	304	0.70	<0.05	8.6	0.281	2.57	9.4
Q933334		16.5	163.5	<0.002	0.10	27.5	6.8	1	1.3	284	0.73	<0.05	9.5	0.255	3.38	5.0
Q933335		20.5	157.0	<0.002	0.19	22.9	7.5	1	1.3	321	0.74	<0.05	9.7	0.282	3.51	5.7
Q933336		5690	185.5	<0.002	3.79	28.3	8.2	1	5.2	127.5	0.43	0.19	12.3	0.190	2.72	4.8
Q933337		5.2	1.8	<0.002	<0.01	0.11	0.2	<1	<0.2	43.5	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q933338		497	167.0	<0.002	3.04	6.66	10.2	1	4.4	162.5	0.55	0.17	13.6	0.223	2.28	3.9
Q933339		5370	191.0	<0.002	2.88	35.9	8.9	1	4.2	195.0	0.54	0.18	11.8	0.219	2.85	4.4
Q933340		91.8	77.6	<0.002	0.14	17.00	6.2	1	2.2	347	0.67	<0.05	8.5	0.356	1.43	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125425

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933305		66	4.8	15.3	60	31.4
Q933306		43	2.9	8.8	3430	16.5
Q933307		65	10.0	15.3	59	31.0
Q933308		65	9.3	14.7	53	30.0
Q933309		49	3.4	11.3	1610	17.7
Q933310		66	3.0	14.1	429	33.4
Q933311		60	3.4	12.9	89	29.6
Q933312		64	5.4	12.3	854	31.2
Q933313		66	3.3	16.1	150	34.6
Q933314		64	2.7	15.5	524	27.3
Q933315		3	<0.1	0.8	14	<0.5
Q933316		72	2.0	14.6	48	33.1
Q933317		67	4.9	15.5	77	32.8
Q933318		66	1.8	15.6	864	28.5
Q933319		66	7.7	14.3	443	30.5
Q933320		57	4.7	11.1	2760	27.6
Q933321		59	4.0	12.8	608	26.8
Q933322		61	5.8	11.7	2340	30.2
Q933323		64	1.2	13.5	43	30.3
Q933324		60	2.7	14.8	936	30.3
Q933325		60	3.9	12.1	318	30.2
Q933326		65	0.9	17.8	43	34.0
Q933327		65	0.7	16.3	44	31.3
Q933328		67	1.3	17.4	43	30.7
Q933329		65	1.4	17.5	271	30.8
Q933330		59	2.3	9.1	5740	22.0
Q933331		47	1.4	7.7	134	126.0
Q933332		47	1.3	8.4	115	139.0
Q933333		69	3.1	13.7	265	125.5
Q933334		60	3.5	13.8	82	107.5
Q933335		68	6.6	14.7	59	122.5
Q933336		62	7.3	10.2	3170	56.8
Q933337		2	0.1	0.7	16	0.5
Q933338		66	2.8	12.1	623	34.1
Q933339		63	3.5	12.7	4960	62.0
Q933340		64	2.0	12.0	177	168.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125425

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125426

Project: KLAZA

P.O. No.: BATCH 155

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125426

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935733		4.08	0.013	1.17	6.93	76.5	1840	1.62	1.70	2.36	1.01	43.9	6.3	10	14.35	24.8
Q935734		2.79	0.020	1.64	6.83	73.8	1550	1.80	3.75	2.09	1.84	47.0	10.4	9	18.25	88.1
Q935735		3.07	0.027	2.57	7.17	44.1	1950	1.44	4.59	1.75	2.61	44.7	8.9	8	10.60	40.5
Q935736		2.49	0.031	1.08	7.23	49.3	2200	1.65	1.32	1.79	2.28	46.8	10.1	8	19.20	27.0
Q935737		0.29	0.333	4.64	6.45	713	350	1.40	3.36	1.97	10.90	48.3	12.0	23	13.95	317
Q935738		0.81	0.083	4.94	6.82	147.0	800	1.62	4.49	2.01	4.84	44.0	7.9	8	20.1	50.9
Q935739		3.58	0.066	5.68	6.83	609	720	1.43	1.17	1.59	30.6	77.6	7.4	8	11.75	75.5
Q935740		1.59	0.279	9.98	6.58	704	110	1.19	15.40	0.33	6.42	40.7	6.9	8	6.62	61.6
Q935741		1.93	0.080	2.28	6.85	121.5	1090	1.50	2.88	2.34	2.83	54.8	5.0	8	13.50	44.7
Q935742		3.58	0.005	0.11	7.00	26.1	1670	1.56	0.22	3.75	0.28	34.1	9.8	65	14.85	4.0
Q935743		4.90	0.005	0.09	6.99	24.9	1730	1.43	0.15	3.87	0.47	34.8	10.2	85	16.45	3.2
Q935744		4.19	0.040	0.46	7.03	52.2	1800	1.47	0.69	2.07	0.18	45.0	6.7	8	14.10	16.7
Q935745		2.15	0.023	0.34	6.82	35.8	1810	1.51	0.59	2.39	0.25	41.5	6.7	9	13.70	22.8
Q935746		6.05	0.014	0.33	6.65	24.3	2080	1.57	0.32	3.45	1.35	41.0	5.9	7	15.05	6.7
Q935747		6.27	<0.005	0.07	7.13	7.7	2200	1.50	0.16	2.46	0.09	45.2	5.5	12	9.01	5.5
Q935748		5.23	0.006	0.08	7.47	6.5	2310	1.57	0.14	2.64	0.11	48.6	6.3	11	8.28	8.2
Q935749		2.92	0.049	1.83	7.67	53.1	1990	1.60	0.96	1.76	14.25	58.6	7.6	7	16.85	48.2
Q935750		<0.02	0.052	1.85	7.52	53.4	1950	1.59	0.91	1.75	14.55	56.0	8.7	6	16.40	44.2
Q935751		5.03	0.019	0.66	6.75	36.0	4080	1.48	0.59	1.77	1.39	51.8	6.4	8	13.10	131.5
Q935752		2.12	0.124	2.97	7.58	213	1550	1.56	6.21	1.45	2.90	54.4	21.4	7	22.0	178.0
Q935753		2.53	0.030	0.55	6.96	95.4	1870	1.50	0.48	2.46	2.76	37.2	6.5	8	21.5	51.7
Q935754		1.76	0.035	1.06	7.04	86.8	2190	1.74	1.86	2.96	4.05	46.5	9.4	8	22.8	46.3
Q935755		3.78	0.023	0.64	6.54	105.5	1580	1.63	0.71	2.34	7.36	33.6	8.5	9	21.0	48.9
Q935756		1.39	0.692	13.85	6.74	887	450	1.43	7.11	1.17	73.8	49.4	7.5	7	12.20	194.5
Q935757		1.37	1.575	14.35	6.67	255	990	1.75	1.29	2.73	82.6	53.1	7.4	15	20.1	330
Q935758		1.17	1.285	9.32	6.65	469	780	1.62	4.28	3.71	41.1	49.9	7.5	11	16.05	158.5
Q935759		6.92	<0.005	0.02	0.14	0.3	30	0.13	0.04	21.0	0.09	1.71	0.8	1	0.50	1.4
Q935760		6.42	0.011	0.24	7.03	19.6	2480	1.76	0.16	3.81	0.40	55.3	7.0	16	18.30	10.9
Q935761		0.30	1.700	39.9	5.70	2520	1560	1.11	36.6	1.65	46.6	36.5	17.3	20	9.92	1220
Q935762		1.79	0.016	0.44	6.77	32.2	3310	1.93	0.28	3.50	0.60	47.7	6.9	17	23.5	21.4
Q935763		3.55	0.223	4.22	7.32	226	240	1.18	4.89	0.73	4.33	37.9	7.6	12	12.05	62.7
Q935764		6.24	0.309	3.26	7.10	711	1390	1.48	1.90	2.84	10.45	47.9	7.7	23	20.4	44.0
Q935765		2.14	0.632	6.75	4.98	1530	290	1.06	1.16	6.03	47.5	34.9	4.5	2	10.15	92.0
Q935766		4.14	<0.005	0.02	0.14	2.5	30	0.06	0.04	20.4	0.13	1.45	0.8	2	0.37	1.4
Q935767		4.77	0.259	3.23	7.33	916	670	1.43	0.81	2.34	23.9	50.3	6.2	8	18.05	49.2
Q935768		2.54	0.273	60.2	6.87	823	510	1.17	27.4	2.12	27.9	43.3	6.5	6	14.40	2940

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125426

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935733		3.19	16.40	0.11	1.1	0.227	2.80	21.9	14.2	0.71	1660	5.28	1.17	8.1	2.7	590
Q935734		3.67	15.80	0.12	1.1	0.328	2.84	23.4	20.9	0.67	1850	2.72	0.81	7.6	2.6	570
Q935735		3.79	16.70	0.12	1.1	0.206	2.80	21.9	25.5	0.58	1850	3.58	0.17	8.0	2.6	620
Q935736		3.43	16.85	0.13	1.0	0.186	3.03	23.7	24.3	0.75	1520	2.33	0.07	7.8	2.8	580
Q935737		4.97	15.35	0.12	1.1	0.322	2.95	26.0	26.6	0.74	1820	14.80	0.15	6.1	14.5	520
Q935738		4.92	15.15	0.10	0.8	0.279	2.97	23.5	9.4	0.89	2800	1.82	0.04	6.4	3.5	540
Q935739		3.95	15.25	0.10	0.9	0.527	3.04	52.5	17.1	0.70	2040	3.69	0.04	6.8	3.0	560
Q935740		7.23	14.35	0.11	0.9	0.417	3.21	20.2	8.2	0.32	845	9.82	0.04	6.1	2.9	510
Q935741		3.98	15.20	0.13	0.9	0.352	3.49	29.0	10.2	0.90	2620	1.09	0.04	7.0	3.0	570
Q935742		2.68	15.70	0.10	1.7	0.035	3.22	17.6	10.7	1.37	1260	0.74	0.19	6.0	22.8	650
Q935743		2.68	15.50	0.10	1.7	0.037	2.90	18.1	12.3	1.46	1240	0.96	0.35	5.7	26.1	650
Q935744		3.39	15.75	0.10	1.0	0.089	3.15	22.6	14.3	0.77	1640	0.66	0.40	6.9	3.1	580
Q935745		3.28	15.90	0.09	1.0	0.112	3.07	20.9	16.1	0.77	1690	0.92	0.53	7.0	3.3	570
Q935746		3.14	15.45	0.09	1.2	0.102	3.06	19.9	16.1	1.05	1750	1.35	0.62	7.5	2.8	560
Q935747		3.00	15.65	0.11	1.3	0.063	2.66	22.8	9.6	0.79	737	1.27	2.15	7.7	2.7	600
Q935748		3.07	16.45	0.11	1.3	0.056	2.56	24.9	9.5	0.82	851	5.30	2.21	8.0	2.7	640
Q935749		3.99	17.05	0.17	1.2	0.283	3.38	30.7	13.3	0.86	2070	37.9	0.15	7.7	3.1	690
Q935750		3.97	16.35	0.16	1.0	0.294	3.37	29.8	13.0	0.84	2060	19.30	0.14	7.6	3.5	700
Q935751		3.74	15.45	0.18	0.9	0.130	3.21	27.0	15.3	0.96	1470	4.06	0.06	6.1	3.2	540
Q935752		4.03	17.15	0.17	1.1	0.263	3.58	28.7	11.4	0.46	1560	4.40	0.16	7.9	3.3	620
Q935753		3.04	16.10	0.13	1.1	0.059	3.12	16.7	22.2	0.62	1240	2.55	0.07	7.7	3.3	640
Q935754		3.82	15.60	0.10	1.2	0.130	2.85	24.4	15.9	0.82	1360	1.95	0.06	7.5	3.0	600
Q935755		3.22	16.50	0.09	1.1	0.120	2.86	15.4	32.1	0.44	1560	2.56	0.07	7.9	2.9	630
Q935756		6.07	16.20	0.08	1.4	0.542	3.12	27.0	7.7	0.64	1920	3.42	0.03	7.0	2.6	510
Q935757		3.87	17.35	0.10	2.7	0.489	2.91	27.5	13.8	0.73	769	3.25	0.05	9.0	5.2	930
Q935758		5.17	15.55	0.10	2.3	0.524	2.92	26.5	10.8	1.26	2480	5.94	0.05	7.9	4.7	830
Q935759		0.49	0.44	0.16	<0.1	<0.005	0.07	0.8	1.7	12.65	210	0.10	0.01	0.7	1.8	180
Q935760		2.61	18.20	0.22	3.6	0.032	2.93	28.2	18.8	0.97	712	3.13	0.06	9.9	6.1	1060
Q935761		9.00	14.40	0.07	0.8	1.580	2.58	18.0	14.6	0.69	2250	18.65	0.06	4.9	14.8	450
Q935762		2.57	18.00	0.10	3.6	0.039	3.07	23.7	16.4	0.83	811	1.65	0.05	10.2	5.8	1050
Q935763		5.04	16.70	0.08	1.2	0.224	3.27	17.2	9.0	0.38	919	2.81	0.04	7.5	4.3	630
Q935764		4.27	16.15	0.08	1.2	0.323	2.72	26.7	22.7	1.03	6130	2.57	0.04	6.9	9.4	600
Q935765		4.91	11.30	0.07	0.7	0.361	2.21	19.2	9.3	1.98	16200	4.19	0.02	4.7	2.0	380
Q935766		0.50	0.36	0.12	<0.1	0.006	0.05	0.7	1.3	12.85	251	0.12	0.01	0.2	2.0	210
Q935767		3.99	16.25	0.11	0.8	0.374	3.23	27.3	9.3	0.89	2990	1.48	0.04	7.2	2.6	600
Q935768		4.31	16.00	0.09	0.9	0.467	2.95	22.8	16.0	0.65	1280	1.61	0.08	7.0	2.6	560

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125426

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935733		84.2	123.0	0.002	0.48	7.47	9.9	1	2.2	249	0.69	0.14	13.0	0.245	1.73	5.3
Q935734		100.5	132.0	<0.002	0.87	13.90	9.7	1	3.5	181.0	0.66	0.18	13.8	0.234	2.15	4.9
Q935735		115.5	116.5	0.002	0.93	16.85	10.6	1	3.1	93.6	0.64	0.40	12.9	0.256	1.68	2.6
Q935736		134.5	134.5	<0.002	0.33	17.10	10.4	1	2.3	102.0	0.62	0.06	13.3	0.242	2.25	4.1
Q935737		476	151.0	0.004	2.66	30.4	9.1	1	5.5	111.0	0.50	0.34	12.0	0.204	2.40	4.9
Q935738		303	130.5	<0.002	2.36	16.25	9.5	1	3.1	77.1	0.53	0.87	12.4	0.231	2.43	5.8
Q935739		1460	168.0	<0.002	2.05	15.25	9.9	1	7.1	73.6	0.53	0.06	12.8	0.226	2.52	4.9
Q935740		406	171.5	0.002	7.41	16.40	9.0	2	9.1	56.6	0.48	0.86	11.7	0.201	2.30	3.9
Q935741		207	196.5	<0.002	1.95	13.90	10.1	1	2.7	84.1	0.54	0.16	13.0	0.227	2.91	3.8
Q935742		20.5	162.0	<0.002	0.13	7.91	8.1	<1	0.8	298	0.55	<0.05	8.2	0.196	2.84	4.3
Q935743		29.2	149.0	0.002	0.08	10.60	8.8	1	0.7	319	0.53	<0.05	8.2	0.193	2.32	4.7
Q935744		24.6	157.0	<0.002	0.87	6.54	9.8	1	4.1	138.5	0.58	<0.05	11.3	0.229	2.26	3.3
Q935745		24.4	142.5	<0.002	0.60	6.57	9.5	1	2.9	162.0	0.53	<0.05	10.8	0.228	2.17	3.4
Q935746		94.7	139.5	<0.002	0.35	5.77	9.1	1	1.8	193.5	0.65	0.05	11.4	0.239	2.42	8.8
Q935747		16.6	108.0	<0.002	0.10	1.84	10.2	<1	1.8	348	0.68	<0.05	13.2	0.254	1.16	4.4
Q935748		18.3	112.0	<0.002	0.08	1.89	10.5	1	1.9	380	0.68	<0.05	13.4	0.258	1.14	4.3
Q935749		508	185.0	0.002	0.68	9.03	11.8	1	4.2	92.0	0.63	0.13	13.9	0.275	2.52	5.3
Q935750		510	177.0	0.004	0.71	8.86	11.7	1	4.2	89.9	0.60	0.19	13.2	0.272	2.55	5.0
Q935751		38.4	173.0	0.002	0.42	44.8	9.7	1	2.0	113.0	0.51	0.06	12.0	0.202	2.37	4.8
Q935752		65.2	183.0	0.002	0.88	9.19	11.1	1	4.8	87.4	0.65	0.39	14.0	0.260	2.72	2.7
Q935753		23.4	109.5	<0.002	0.34	10.25	10.4	1	1.7	108.5	0.57	0.08	11.2	0.267	2.42	2.7
Q935754		36.7	144.0	<0.002	1.02	9.18	10.1	1	2.1	128.0	0.64	0.11	11.9	0.250	2.40	3.8
Q935755		76.4	116.5	<0.002	0.40	12.05	9.7	1	1.8	122.5	0.62	0.08	8.9	0.268	2.02	3.1
Q935756		5130	237	<0.002	5.01	16.55	9.4	1	6.3	35.7	0.65	0.38	14.5	0.207	3.41	5.2
Q935757		3140	157.0	0.002	2.39	15.95	7.2	1	3.5	156.5	0.64	0.12	9.1	0.269	3.05	3.5
Q935758		2410	177.0	<0.002	3.14	18.45	8.2	1	3.8	188.0	0.60	0.33	9.3	0.260	2.77	3.2
Q935759		2.9	2.9	<0.002	<0.01	0.06	0.2	<1	0.2	47.7	0.05	<0.05	0.3	0.005	0.02	1.3
Q935760		46.0	136.0	<0.002	0.12	5.88	6.5	1	1.4	263	0.72	<0.05	8.6	0.284	2.91	3.9
Q935761		1670	163.0	0.002	7.88	107.0	8.3	2	10.8	66.1	0.41	0.72	9.3	0.165	2.22	5.3
Q935762		42.0	122.0	<0.002	0.29	7.21	6.6	1	1.8	276	0.70	<0.05	7.6	0.303	2.88	4.0
Q935763		397	169.5	0.002	5.04	10.05	10.8	1	5.8	51.2	0.59	0.33	10.0	0.247	2.95	2.9
Q935764		717	181.5	<0.002	1.83	16.60	9.8	1	2.7	246	0.57	0.12	11.5	0.231	2.68	4.0
Q935765		1340	154.5	0.002	2.85	21.2	6.7	<1	5.3	141.0	0.43	0.09	9.2	0.154	2.25	2.6
Q935766		4.9	2.4	<0.002	<0.01	0.14	0.3	<1	<0.2	44.1	<0.05	<0.05	0.2	0.006	0.02	0.9
Q935767		565	197.0	<0.002	1.66	13.90	10.5	<1	3.3	82.2	0.53	0.10	11.4	0.248	3.03	3.0
Q935768		1050	142.5	<0.002	2.90	180.0	10.0	2	2.9	88.0	0.50	1.31	13.2	0.227	2.88	2.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125426

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935733		67	5.4	14.7	130	30.5
Q935734		67	3.0	13.8	200	28.8
Q935735		72	4.4	14.4	262	30.2
Q935736		68	3.1	14.7	242	28.2
Q935737		64	5.6	12.5	840	31.5
Q935738		62	4.0	12.4	518	23.5
Q935739		68	3.9	12.0	3070	25.1
Q935740		61	7.7	7.5	586	24.0
Q935741		63	3.2	14.1	306	26.4
Q935742		75	1.6	9.4	121	49.7
Q935743		78	1.7	10.1	141	49.7
Q935744		68	3.6	13.2	93	24.0
Q935745		68	3.0	13.3	103	26.5
Q935746		67	1.9	13.8	192	29.9
Q935747		70	0.9	15.6	51	31.1
Q935748		72	1.0	16.0	55	31.4
Q935749		76	4.2	15.4	1410	27.7
Q935750		76	4.2	15.1	1430	26.4
Q935751		69	2.3	14.6	262	24.1
Q935752		73	3.6	14.6	335	29.8
Q935753		75	4.5	13.6	325	32.8
Q935754		71	3.0	15.3	355	31.7
Q935755		76	2.8	12.0	595	30.3
Q935756		59	6.2	8.8	4460	32.5
Q935757		61	3.1	10.8	5910	105.5
Q935758		64	3.2	10.6	3050	79.2
Q935759		2	0.1	0.9	21	<0.5
Q935760		62	1.6	12.0	103	133.0
Q935761		57	7.4	9.3	3360	21.8
Q935762		65	1.8	11.5	98	137.5
Q935763		74	8.2	8.9	363	29.9
Q935764		70	4.2	13.2	901	31.0
Q935765		46	3.5	10.9	3820	16.0
Q935766		2	0.1	0.8	26	0.5
Q935767		70	5.0	13.7	1880	19.7
Q935768		68	5.0	12.2	1880	22.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125426

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

CERTIFICATE WH14125427

Project: KLAZA

P.O. No.: BATCH 175

This report is for 13 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125427

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q927969		0.67	5.04		>100	3.78	9360	920	0.68	0.22	0.91	264	37.4	5.6	8	4.30
Q927970		1.86	9.83		>100	3.45	>10000	1120	0.72	5.69	2.14	398	14.45	8.0	13	5.04
Q927971		1.32	1.360		14.95	5.10	1395	800	1.04	0.96	2.00	19.85	28.7	9.0	12	6.46
Q927972		0.15	>10.0	14.40	>100	4.47	156.5	780	0.39	2.01	2.08	854	18.60	59.0	51	1.31
Q927973		2.80	>10.0	33.2	>100	0.64	>10000	180	0.32	0.51	3.83	>1000	1.21	1.4	11	1.29
Q927974		3.09	5.22		>100	3.88	5770	660	0.90	1.06	1.30	156.5	23.4	5.9	9	11.25
Q927975		3.62	0.314		8.81	6.89	430	1170	1.47	0.41	2.04	7.14	54.1	6.0	13	10.10
Q927976		2.78	0.545		89.6	3.01	691	500	0.76	1.13	3.68	504	17.00	35.6	9	4.19
Q927977		4.11	<0.005		0.78	0.06	7.1	40	0.05	0.03	20.6	0.69	1.14	0.8	<1	0.22
Q927978		3.31	3.46		40.3	5.92	>10000	3270	1.14	0.56	1.60	243	36.6	5.3	10	16.40
Q927979		2.51	0.205		5.91	5.06	861	1120	1.24	0.17	4.88	12.40	35.1	4.8	8	17.45
Q927981		<0.02	0.199		6.44	5.39	1000	930	1.47	0.18	5.10	15.20	38.6	5.3	8	19.15
Q927982		4.58	<0.005		0.56	0.05	6.2	50	0.06	0.04	20.9	0.19	1.17	0.9	1	0.18

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125427

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q927969		125.5	6.92	12.40	0.16	0.7	0.088	1.90	19.2	23.9	0.36	5770	9.27	0.02	3.4	3.9
Q927970		598	10.85	8.08	0.13	0.5	0.825	1.62	6.3	16.2	0.36	4360	12.10	0.02	3.7	2.7
Q927971		42.9	4.46	11.85	0.13	0.8	0.173	2.43	13.3	19.3	0.68	3370	15.25	0.02	5.2	2.9
Q927972		>10000	9.40	16.50	0.21	0.5	3.10	0.83	8.8	5.8	0.83	1690	161.0	1.11	2.1	18.7
Q927973		4150	8.90	8.10	0.08	0.1	4.72	0.26	<0.5	16.8	0.96	13700	18.15	0.01	0.7	1.5
Q927974		513	5.51	10.30	0.10	0.7	0.526	1.75	11.5	32.1	0.46	1920	63.2	0.02	4.0	3.1
Q927975		31.8	3.33	16.00	0.14	1.7	0.138	3.39	28.9	16.9	0.68	5010	4.62	0.02	7.6	4.0
Q927976		105.5	8.45	8.38	0.11	0.5	0.538	1.44	7.8	15.1	1.19	11800	1.98	0.02	3.1	2.9
Q927977		6.6	0.50	0.30	0.06	<0.1	<0.005	0.03	0.6	1.1	13.10	225	0.16	<0.01	0.3	1.7
Q927978		344	6.93	13.05	0.14	1.2	0.829	2.63	18.3	15.9	0.58	2260	1.39	0.02	6.1	2.3
Q927979		27.5	3.37	11.50	0.12	0.9	0.073	1.99	18.2	41.0	1.92	1940	1.59	0.02	5.4	2.1
Q927981		31.8	3.60	12.75	0.12	1.1	0.086	2.12	19.9	44.6	2.00	2010	1.86	0.02	5.9	2.4
Q927982		5.2	0.47	0.29	0.05	<0.1	<0.005	0.02	0.5	1.0	13.10	208	0.15	<0.01	0.1	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125427

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q927969		310	989	116.5	0.006	6.80	256	5.4	1	28.4	22.9	0.28	0.05	6.4	0.104	1.56
Q927970		300	>10000	96.1	0.002	>10.0	618	4.7	1	9.5	65.4	0.31	0.16	4.8	0.120	1.66
Q927971		390	1405	152.0	0.003	3.40	69.1	7.3	<1	3.8	54.7	0.43	0.07	7.8	0.179	2.40
Q927972		570	>10000	27.0	0.067	>10.0	190.5	10.7	9	19.6	230	0.14	0.49	1.7	0.182	7.56
Q927973		30	>10000	16.2	<0.002	9.67	3290	0.9	1	46.0	123.5	0.05	0.12	0.4	0.020	0.51
Q927974		290	8430	112.0	<0.002	5.48	400	5.4	1	12.6	170.5	0.32	0.09	6.3	0.132	2.12
Q927975		480	424	205	<0.002	1.66	27.7	8.9	1	2.7	63.2	0.65	0.08	17.4	0.203	3.40
Q927976		230	>10000	92.1	<0.002	7.31	96.9	4.4	1	2.8	74.8	0.25	1.12	5.2	0.098	1.60
Q927977		180	31.5	1.5	<0.002	0.02	0.89	0.2	<1	<0.2	49.5	<0.05	0.06	<0.2	<0.005	<0.02
Q927978		400	6060	163.0	<0.002	7.00	179.5	8.0	1	5.0	115.5	0.54	0.12	10.2	0.183	3.14
Q927979		330	1025	123.5	<0.002	1.76	23.4	7.4	<1	2.7	163.5	0.44	0.07	9.4	0.167	2.20
Q927981		350	1120	136.5	<0.002	1.88	26.1	8.0	1	3.1	173.0	0.48	0.12	10.2	0.174	2.38
Q927982		180	8.0	1.4	<0.002	0.01	0.31	0.2	<1	<0.2	47.4	<0.05	0.05	<0.2	<0.005	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125427

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Ag-GRA21	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Ag	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	5	0.001	0.001
Q927969		15.6	37	5.0	8.9	>10000	19.3	227				2.05	
Q927970		7.0	41	17.6	5.4	>10000	11.1	305		1.280		2.61	2.07
Q927971		17.3	54	13.3	8.3	1560	19.4						
Q927972		2.2	119	8.6	11.8	>10000	10.9	130	2.72	2.39		14.70	
Q927973		1.5	7	1.5	3.0	>10000	2.8	>1500		3.18	1625	7.99	5.06
Q927974		10.3	37	6.4	6.2	>10000	18.1	237				1.360	
Q927975		4.9	55	3.7	12.8	623	64.7						
Q927976		5.4	31	2.9	8.9	>10000	13.2			2.10		3.50	
Q927977		0.6	2	0.1	0.8	70	<0.5						
Q927978		4.0	49	6.0	11.1	>10000	26.4					1.715	1.375
Q927979		3.3	45	5.3	9.6	890	23.6						
Q927981		3.6	48	5.7	10.5	1050	25.9						
Q927982		0.6	2	0.3	0.8	26	<0.5						

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125427

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21d
LOG-22	LOG-23	PUL-35a	PUL-35ad
PUL-QC	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-GRA21	Ag-OG62	As-OG62	Au-AA24
Au-GRA22	Cu-OG62	ME-MS61	ME-OG62
Pb-OG62	Zn-OG62		

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125437

Project: KLAZA

P.O. No.: BATCH184

This report is for 12 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

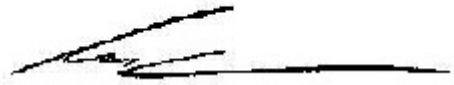
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125437

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q927980		1.59	3.98		>100	2.04	7530	30	0.49	20.2	2.22	>1000	12.50	75.6	3	1.98
Q927983		3.57	0.329		11.80	6.70	866	330	1.31	0.72	1.24	56.0	48.2	9.5	9	21.2
Q927984		0.26	1.650		41.6	5.99	2670	390	1.12	38.4	1.70	45.4	35.8	15.2	20	9.78
Q927985		3.52	5.15		>100	2.18	>10000	320	0.59	19.55	0.54	602	21.0	192.0	10	4.46
Q927986		4.97	0.081		1.73	7.05	109.0	520	1.30	0.98	2.35	6.69	49.8	7.2	9	19.95
Q927987		5.37	1.120		5.32	6.14	2250	70	1.32	1.66	2.54	21.3	30.2	7.8	8	11.55
Q927988		2.85	0.463		6.66	4.06	252	20	0.95	4.67	4.86	20.8	9.37	6.9	3	6.26
Q927989		6.64	0.117		3.12	6.92	264	130	1.43	2.65	1.70	6.74	24.9	6.9	10	9.19
Q927990		<0.02	0.114		3.15	6.95	269	150	1.42	2.84	1.70	7.00	26.3	6.7	9	9.44
Q927991		0.11	>10.0	NSS	>100	4.86	198.5	290	0.47	1.84	2.24	921	19.40	62.7	50	1.39
Q927992		6.67	8.33		>100	2.29	>10000	30	0.62	45.5	1.82	865	13.90	8.8	11	6.38
Q927993		5.55	0.006		0.18	0.06	13.6	20	0.06	0.04	21.6	0.86	0.95	0.7	1	0.15

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q927980		1550	12.20	6.00	<0.05	0.3	110.5	0.93	5.0	12.9	0.71	2990	26.1	0.02	1.7	3.7
Q927983		47.2	5.63	14.35	0.06	1.0	0.377	2.90	26.2	21.9	0.51	2940	6.99	0.04	5.6	2.7
Q927984		1160	9.12	13.70	0.05	0.8	1.530	2.67	19.1	15.4	0.69	2300	15.95	0.06	4.4	13.9
Q927985		473	15.35	5.32	0.05	0.3	9.23	0.91	10.7	16.3	0.23	2880	51.6	0.01	1.4	7.0
Q927986		24.2	3.42	15.05	0.05	1.1	0.074	2.69	27.8	185.0	0.80	1580	3.53	0.03	6.3	2.5
Q927987		19.0	6.50	14.15	0.05	1.0	0.293	2.89	15.0	8.9	1.08	2810	2.14	0.02	3.6	2.6
Q927988		11.4	12.25	9.80	<0.05	0.7	0.120	1.90	2.4	7.7	1.62	8410	4.84	0.02	2.6	2.2
Q927989		8.0	7.49	15.50	<0.05	1.1	0.144	3.41	13.0	4.5	0.80	2720	2.44	0.03	4.3	2.2
Q927990		7.2	7.67	15.90	<0.05	1.1	0.154	3.40	13.6	4.6	0.80	2710	2.39	0.03	4.4	2.2
Q927991		>10000	9.97	16.80	0.06	0.5	3.17	0.89	8.2	6.1	0.86	1820	164.0	1.21	2.1	18.8
Q927992		2900	9.64	6.69	<0.05	0.3	19.30	0.95	5.0	29.7	0.63	763	20.4	0.01	1.9	1.8
Q927993		4.9	0.50	0.20	<0.05	<0.1	0.021	<0.01	0.5	1.0	13.40	215	0.11	<0.01	0.1	1.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q927980		140	>10000	51.4	0.002	>10.0	225	2.8	4	7.0	38.2	0.15	4.52	2.9	0.060	0.90
Q927983		510	3670	167.5	<0.002	3.51	29.2	9.1	1	4.6	104.5	0.51	0.20	10.5	0.211	2.63
Q927984		470	1680	151.0	0.003	8.27	105.0	8.1	2	10.3	65.0	0.38	0.78	7.9	0.165	2.23
Q927985		130	>10000	51.9	<0.002	>10.0	352	2.7	3	6.5	27.0	0.14	5.91	3.3	0.052	1.09
Q927986		540	382	133.0	<0.002	1.67	16.40	9.4	1	2.3	145.0	0.59	0.21	11.0	0.218	2.09
Q927987		450	1230	179.5	<0.002	6.33	11.00	7.4	2	5.7	81.7	0.34	0.90	9.3	0.143	2.97
Q927988		300	964	115.0	<0.002	>10.0	11.70	6.5	2	3.3	136.5	0.25	1.12	4.2	0.097	1.75
Q927989		520	436	224	<0.002	7.09	5.12	8.4	1	5.1	40.6	0.37	0.52	10.4	0.163	2.92
Q927990		530	442	222	<0.002	7.14	5.20	8.7	1	5.0	41.9	0.39	0.48	10.8	0.163	2.98
Q927991		630	>10000	29.1	0.071	>10.0	192.5	11.6	11	18.5	238	0.16	0.50	1.8	0.194	7.66
Q927992		150	>10000	58.8	<0.002	>10.0	684	2.9	2	7.2	76.9	0.16	0.28	2.8	0.069	1.20
Q927993		180	32.9	1.0	<0.002	0.03	0.76	0.2	1	<0.2	45.0	<0.05	<0.05	0.4	<0.005	<0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q927980		4.5	22	0.9	4.8	>10000	7.6	124		1.605	15.80	
Q927983		4.2	60	5.4	9.7	3800	30.5					
Q927984		5.4	58	7.4	8.9	3310	23.4					
Q927985		3.6	21	2.0	7.4	>10000	8.3	179		3.15	4.32	1.750
Q927986		5.6	59	5.0	12.9	766	34.0					
Q927987		5.1	49	4.8	8.1	1490	30.5					
Q927988		3.5	48	3.5	8.3	1230	17.5					
Q927989		5.3	53	7.1	8.9	489	33.6					
Q927990		5.6	53	7.6	9.0	498	33.0					
Q927991		2.2	134	8.5	12.8	>10000	10.3	NSS	NSS	NSS	NSS	
Q927992		7.4	21	3.2	4.4	>10000	8.3	201		3.10	5.36	1.925
Q927993		0.5	3	0.2	0.7	160	<0.5					

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125437

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	BAG-01	CRU-32	CRU-QC	LOG-21d
	LOG-22	LOG-23	PUL-35a	PUL-35ad
	PUL-QC	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	As-OG62	Au-AA24	Au-GRA22
	Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
	Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125438

Project: KLAZA

P.O. No.: BATCH 182

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125438

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935387		2.48	<0.005	0.12	6.82	14.9	1910	1.89	0.09	2.76	0.17	41.2	7.5	9	25.1	6.6
Q935388		6.25	<0.005	0.07	6.95	15.0	2040	1.48	0.08	2.82	0.11	43.6	8.0	12	19.35	7.4
Q935389		7.61	<0.005	0.11	6.85	9.2	1960	1.53	0.11	2.82	0.21	39.6	7.5	11	13.70	6.6
Q935390		7.69	<0.005	0.07	6.83	6.8	1910	1.52	0.09	2.81	0.09	38.2	7.7	10	11.85	7.0
Q935391		2.55	<0.005	1.10	7.94	153.5	1900	1.65	2.78	0.91	0.94	60.0	11.3	8	11.45	98.2
Q935392		6.08	<0.005	0.01	0.06	1.5	280	0.05	0.03	20.6	0.07	1.28	0.6	1	0.18	2.7
Q935393		3.52	<0.005	0.44	7.80	41.9	2030	1.58	0.88	1.16	0.97	51.9	7.2	8	10.30	57.7
Q935394		1.44	0.006	0.46	5.44	52.9	1030	1.18	1.37	2.37	0.34	27.5	8.3	7	16.60	41.9
Q935395		0.30	0.860	11.85	6.57	1560	460	1.44	12.25	1.87	33.4	47.1	17.0	19	13.70	294
Q935396		0.66	<0.005	0.32	6.27	37.3	1180	1.14	1.06	4.67	0.25	35.9	7.5	6	24.4	4.0
Q935397		2.61	0.009	0.98	5.68	139.5	1690	1.20	3.33	2.53	0.88	29.9	7.8	6	28.5	14.4
Q935398		4.82	<0.005	0.67	7.75	12.4	1760	1.47	1.90	1.04	0.25	52.4	8.8	8	11.25	19.0
Q935399		4.51	<0.005	0.18	7.81	12.6	1630	1.57	9.16	0.83	0.28	52.6	7.2	9	14.45	9.8
Q935400		0.81	<0.005	0.49	7.85	31.8	1520	1.64	1.43	0.91	0.96	56.2	8.8	8	13.40	68.5
Q935401		4.63	<0.005	0.41	8.24	37.9	2530	1.63	1.36	0.53	0.75	53.5	9.8	9	15.75	101.0
Q935402		5.06	<0.005	1.69	9.00	43.0	1550	2.05	239	0.30	0.87	42.1	12.7	9	23.7	139.5
Q935403		5.49	<0.005	0.01	0.10	0.7	20	0.07	0.38	20.6	0.06	1.25	0.7	2	0.21	2.0
Q935404		3.35	<0.005	0.82	7.95	15.4	2460	1.63	16.00	1.23	0.69	50.9	7.8	8	12.95	111.5
Q935405		4.37	<0.005	0.35	7.59	23.3	1840	1.38	2.00	1.12	0.55	51.8	7.1	8	10.05	89.0
Q935406		0.29	0.370	4.48	6.47	683	420	1.30	3.58	1.98	10.55	47.6	11.7	24	12.95	307
Q935407		1.52	<0.005	0.37	7.48	18.4	2180	1.39	2.88	0.85	0.29	47.1	8.4	8	13.05	48.6
Q935408		0.74	0.009	0.80	5.29	46.0	4690	1.28	5.57	4.42	0.11	36.8	8.8	5	20.7	7.1
Q935409		4.59	<0.005	0.07	7.36	14.1	1550	1.70	0.27	1.95	0.09	42.1	7.7	9	21.6	12.7
Q935410		2.42	0.013	0.35	6.65	53.4	890	1.31	1.78	1.91	0.11	69.0	10.9	7	14.50	5.0
Q935411		2.05	0.005	0.12	6.67	38.2	1060	1.49	0.71	2.09	0.15	41.8	5.3	7	19.85	4.2
Q935412		5.68	<0.005	0.15	7.05	25.8	1000	1.52	0.87	1.90	0.14	54.9	6.2	8	22.6	7.0
Q935413		3.76	0.006	0.25	6.52	43.9	1130	1.26	1.17	3.33	0.12	53.6	11.1	7	15.40	4.1
Q935414		4.92	0.005	0.29	6.80	30.0	1010	1.47	1.02	2.43	0.24	47.6	7.8	8	23.2	2.7
Q935415		0.06	<0.005	0.29	6.67	28.6	1030	1.51	1.01	2.48	0.24	41.6	7.6	8	21.9	2.6
Q935416		3.69	<0.005	0.12	6.71	30.8	710	1.53	0.32	3.66	0.27	47.9	6.1	7	21.0	5.1
Q935417		7.20	0.006	0.23	6.56	84.7	3310	1.45	0.49	3.34	0.25	46.3	7.0	7	17.35	4.5
Q935418		1.72	0.041	15.70	6.44	112.0	2980	1.52	0.65	2.94	6.52	52.4	6.5	6	18.35	36.4
Q935419		5.18	<0.005	0.32	6.97	57.2	1500	1.67	0.56	2.40	0.37	44.2	8.0	7	25.2	5.6
Q935420		3.34	<0.005	0.27	7.86	26.7	1530	1.50	0.46	1.24	0.11	43.9	8.8	8	20.8	5.8
Q935421		5.33	<0.005	0.16	7.74	11.7	2300	1.28	0.27	2.07	0.11	45.2	8.4	9	18.50	8.9
Q935422		2.35	<0.005	0.16	7.62	14.3	1990	1.30	0.29	2.19	0.13	46.7	9.2	8	16.65	11.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935387		2.85	15.65	<0.05	1.3	0.032	2.61	20.5	60.7	0.70	917	0.74	1.65	7.9	2.7	570
Q935388		2.99	16.20	<0.05	1.4	0.041	2.50	21.5	16.1	0.84	745	1.15	2.15	8.3	2.7	600
Q935389		2.93	15.70	<0.05	1.2	0.039	2.45	19.5	33.6	0.87	731	1.30	1.88	8.2	2.6	580
Q935390		2.99	15.70	<0.05	1.4	0.033	2.48	18.6	19.1	0.83	842	1.17	2.00	8.4	2.5	590
Q935391		3.56	17.20	0.05	1.2	0.110	2.27	35.4	20.8	0.57	1140	4.09	0.89	8.6	2.8	700
Q935392		0.47	0.22	0.09	<0.1	0.006	0.02	0.7	1.1	12.95	206	0.10	0.01	0.1	1.7	150
Q935393		3.06	16.75	0.13	1.2	0.103	2.60	29.1	18.3	0.48	633	1.66	1.66	8.3	2.6	660
Q935394		2.83	14.35	<0.05	1.2	0.079	2.58	12.8	41.3	0.19	1140	1.96	0.07	7.8	2.3	550
Q935395		6.53	15.20	<0.05	1.1	0.791	2.87	25.4	20.5	0.77	1830	9.22	0.12	6.7	12.4	520
Q935396		3.42	13.30	<0.05	1.0	0.066	2.87	20.0	8.9	0.95	3320	0.18	0.04	6.6	2.4	480
Q935397		3.10	13.75	<0.05	1.0	0.075	2.76	14.6	13.5	0.27	4000	3.22	0.19	6.8	2.3	510
Q935398		3.18	16.65	<0.05	1.3	0.050	2.69	29.9	14.4	0.67	1160	1.68	1.70	8.3	2.6	640
Q935399		3.12	16.60	<0.05	1.3	0.056	2.16	30.3	51.8	0.44	1140	2.21	1.33	8.5	2.4	650
Q935400		3.22	16.75	<0.05	1.2	0.098	2.01	31.8	17.0	0.44	1350	2.91	1.92	8.5	2.8	660
Q935401		3.45	16.45	<0.05	1.5	0.066	2.28	30.6	24.8	0.40	830	2.49	1.82	9.3	2.9	740
Q935402		4.11	19.40	<0.05	1.6	0.154	3.08	24.3	62.7	0.28	1580	6.88	0.69	9.9	3.0	760
Q935403		0.47	0.30	0.10	<0.1	<0.005	0.04	0.6	1.3	13.00	209	0.10	0.01	0.2	1.7	180
Q935404		3.56	17.65	0.10	1.4	0.107	2.26	27.2	21.3	0.56	819	2.55	1.74	8.9	2.8	680
Q935405		2.98	15.95	0.06	1.2	0.063	2.33	28.1	18.2	0.48	705	2.46	1.45	8.1	2.5	610
Q935406		4.84	14.80	<0.05	1.0	0.304	2.85	27.6	26.0	0.75	1800	13.70	0.14	6.3	13.9	500
Q935407		3.13	16.65	<0.05	1.2	0.065	1.87	26.5	15.7	0.32	583	2.88	1.81	8.0	2.5	620
Q935408		2.39	14.85	0.05	0.7	0.224	2.00	21.3	13.5	0.58	1720	0.25	0.28	5.4	1.8	430
Q935409		3.31	17.40	<0.05	1.3	0.047	2.46	21.3	55.1	0.72	725	1.20	0.89	9.1	2.7	680
Q935410		3.23	14.25	0.06	1.0	0.168	3.31	36.3	12.3	0.73	2150	1.30	0.03	6.5	2.6	550
Q935411		3.12	13.85	<0.05	1.0	0.067	3.16	20.7	12.1	0.76	1620	0.28	0.04	7.0	1.8	580
Q935412		2.84	15.40	0.06	1.1	0.050	3.06	29.0	30.9	0.74	1100	0.38	0.04	7.9	2.1	610
Q935413		3.94	14.00	<0.05	1.0	0.061	3.04	28.3	23.6	1.14	2170	1.06	0.04	6.9	3.0	540
Q935414		2.94	15.35	0.07	1.2	0.055	3.34	23.3	18.0	0.73	1540	46.5	0.04	7.4	2.2	580
Q935415		2.99	15.00	0.06	1.1	0.054	3.37	19.6	17.6	0.72	1520	0.99	0.04	7.4	2.2	610
Q935416		2.99	15.10	0.06	1.3	0.052	2.95	24.1	48.4	0.93	1960	0.46	0.03	7.6	2.0	560
Q935417		3.21	15.05	0.05	1.1	0.086	2.75	23.6	35.3	0.96	2880	1.03	0.03	7.3	2.3	580
Q935418		3.69	14.25	<0.05	1.1	0.197	2.88	27.6	14.4	0.98	5010	1.32	0.02	6.9	2.0	510
Q935419		3.18	15.90	0.05	1.2	0.048	3.27	20.3	17.6	0.68	1920	2.36	0.18	8.1	2.4	630
Q935420		3.06	17.20	0.05	1.2	0.051	2.57	20.6	44.1	0.58	1100	1.00	0.06	8.6	2.4	700
Q935421		3.42	16.00	<0.05	1.1	0.040	2.70	21.0	38.1	0.75	971	0.73	0.45	8.2	2.5	700
Q935422		3.24	16.60	0.06	1.1	0.036	2.58	22.3	43.6	0.70	960	1.02	0.51	8.5	2.5	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125438

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935387		21.6	103.5	<0.002	0.02	4.64	10.6	1	1.6	393	0.59	<0.05	12.3	0.258	1.15	4.2
Q935388		20.9	96.3	<0.002	0.02	2.00	11.1	1	1.6	411	0.66	<0.05	13.0	0.269	1.06	4.5
Q935389		27.7	83.6	<0.002	0.02	3.64	10.3	1	1.6	378	0.69	<0.05	11.6	0.268	1.04	4.1
Q935390		20.7	86.1	<0.002	0.04	1.96	10.3	1	1.6	387	0.75	<0.05	11.6	0.265	1.05	5.0
Q935391		47.0	101.5	<0.002	<0.01	14.40	13.6	1	6.8	170.5	0.65	<0.05	15.6	0.298	1.50	3.5
Q935392		1.6	0.9	<0.002	0.01	0.07	0.2	<1	<0.2	51.7	<0.05	<0.05	0.2	<0.005	<0.02	1.0
Q935393		22.5	110.5	<0.002	<0.01	2.29	11.7	1	3.0	267	0.64	<0.05	14.5	0.291	1.56	2.9
Q935394		10.6	106.5	<0.002	0.07	33.3	8.5	1	2.4	54.0	0.63	<0.05	8.1	0.260	2.16	2.7
Q935395		1290	163.5	<0.002	4.58	66.3	9.4	1	8.5	95.6	0.55	1.11	11.9	0.209	2.59	5.5
Q935396		9.4	168.0	<0.002	0.27	9.58	9.2	1	1.7	84.3	0.55	0.10	12.4	0.229	2.26	3.1
Q935397		19.7	147.0	<0.002	0.04	14.30	8.5	1	2.0	63.0	0.53	0.08	8.5	0.237	2.51	2.9
Q935398		22.4	123.5	<0.002	<0.01	5.13	11.3	1	2.4	235	0.68	0.07	14.5	0.281	1.63	1.8
Q935399		20.4	105.5	<0.002	0.03	9.69	12.1	1	2.2	153.5	0.68	0.10	15.2	0.289	1.43	2.6
Q935400		22.6	91.0	<0.002	<0.01	25.6	12.6	1	3.0	228	0.68	0.06	15.1	0.286	1.40	2.6
Q935401		23.0	108.5	<0.002	0.04	3.81	13.8	1	3.3	209	0.73	0.05	15.9	0.329	1.36	3.2
Q935402		69.8	164.0	<0.002	0.01	25.6	15.5	1	8.4	74.8	0.76	1.44	17.0	0.335	2.71	4.7
Q935403		1.2	1.4	<0.002	<0.01	0.10	0.3	<1	<0.2	40.9	<0.05	<0.05	<0.2	<0.005	0.03	0.6
Q935404		24.2	102.5	<0.002	0.02	10.35	12.5	<1	4.3	267	0.69	0.14	15.4	0.297	1.53	2.4
Q935405		19.6	96.6	<0.002	0.02	13.30	11.5	1	2.8	242	0.67	<0.05	17.0	0.271	1.34	2.5
Q935406		465	152.5	<0.002	2.57	28.1	9.0	1	5.8	104.0	0.49	0.33	11.6	0.202	2.43	5.2
Q935407		19.3	89.1	<0.002	0.03	17.20	12.1	1	6.4	204	0.59	0.05	13.8	0.285	1.29	2.8
Q935408		13.1	105.5	<0.002	0.39	17.15	8.5	<1	3.1	218	0.39	0.07	8.6	0.188	1.28	6.5
Q935409		16.8	102.0	<0.002	0.06	9.41	13.3	1	1.9	265	0.70	<0.05	12.0	0.304	1.62	4.6
Q935410		17.1	175.5	<0.002	0.59	12.00	10.4	1	2.0	68.8	0.53	<0.05	10.7	0.239	2.38	2.8
Q935411		16.1	140.5	<0.002	0.33	12.05	10.2	1	1.7	95.2	0.55	<0.05	10.1	0.259	2.81	3.7
Q935412		10.2	145.5	<0.002	0.20	11.85	11.4	1	1.5	107.5	0.65	<0.05	12.9	0.275	2.72	3.0
Q935413		9.7	173.0	<0.002	0.49	11.05	11.1	1	1.5	116.5	0.56	<0.05	10.6	0.244	2.33	6.6
Q935414		14.9	146.0	0.004	0.22	12.85	10.5	1	1.5	118.0	0.62	<0.05	11.2	0.265	2.74	3.5
Q935415		14.7	126.5	<0.002	0.22	12.80	10.0	1	1.4	117.0	0.62	<0.05	10.2	0.268	2.68	3.1
Q935416		23.1	135.5	<0.002	0.16	12.90	10.7	1	1.4	170.5	0.66	<0.05	11.6	0.261	2.55	4.4
Q935417		19.2	141.5	<0.002	0.30	13.90	10.9	1	1.3	176.5	0.63	<0.05	11.4	0.257	2.56	4.3
Q935418		9310	184.0	<0.002	0.72	26.8	10.4	1	1.4	141.0	0.64	<0.05	12.6	0.230	2.75	7.2
Q935419		41.2	145.5	<0.002	0.20	10.50	11.1	1	1.4	134.5	0.72	<0.05	10.7	0.284	2.53	4.1
Q935420		29.8	109.0	<0.002	0.13	15.90	13.4	1	1.8	126.5	0.72	<0.05	11.9	0.323	1.71	3.0
Q935421		17.0	93.3	<0.002	0.12	9.49	11.9	1	1.6	200	0.66	<0.05	11.2	0.314	1.38	3.0
Q935422		19.0	92.9	<0.002	0.12	9.86	12.1	1	1.8	209	0.64	<0.05	11.5	0.299	1.38	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125438

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q935387		71	1.4	14.1	67	33.0
Q935388		76	1.5	16.0	60	34.7
Q935389		76	1.6	15.0	75	30.8
Q935390		76	1.8	14.9	61	34.0
Q935391		93	5.9	21.8	139	34.2
Q935392		2	0.1	0.7	17	<0.5
Q935393		81	2.7	16.1	141	31.4
Q935394		75	3.7	8.7	93	29.6
Q935395		63	6.0	11.5	2440	29.5
Q935396		60	2.7	12.8	118	27.2
Q935397		67	2.7	11.6	223	26.7
Q935398		79	2.3	16.1	121	33.1
Q935399		80	1.8	16.7	130	32.3
Q935400		81	1.6	18.4	152	31.2
Q935401		83	1.9	17.8	96	40.8
Q935402		100	3.3	19.3	119	42.3
Q935403		3	0.1	0.8	17	<0.5
Q935404		87	6.1	17.4	143	36.0
Q935405		76	2.6	16.4	97	32.7
Q935406		62	5.3	11.4	849	29.8
Q935407		83	2.6	15.5	92	29.1
Q935408		74	3.1	10.2	97	17.9
Q935409		86	1.6	15.0	59	31.0
Q935410		74	2.8	12.1	48	22.7
Q935411		72	2.8	11.4	67	26.2
Q935412		73	1.9	11.5	66	28.7
Q935413		72	1.6	15.9	81	24.7
Q935414		74	1.8	12.2	72	29.2
Q935415		77	1.8	11.2	74	28.1
Q935416		74	2.3	13.5	79	30.7
Q935417		76	2.6	15.2	77	27.0
Q935418		69	3.9	16.2	782	25.5
Q935419		82	2.0	12.9	79	30.2
Q935420		95	3.1	12.7	78	28.1
Q935421		90	3.0	14.1	72	27.4
Q935422		84	3.3	15.0	67	28.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125438

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

CERTIFICATE WH14125439

Project: KLAZA

P.O. No.: BATCH 183

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125439

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935042		6.03	0.030	1.52	6.81	62.1	1300	1.44	0.18	2.27	6.69	30.4	7.8	11	16.90	101.5
Q935043		3.57	<0.005	0.11	7.57	42.0	2200	1.70	0.08	2.67	0.41	43.7	9.2	11	17.10	10.0
Q935044		11.76	0.010	0.37	7.40	23.8	1560	1.43	0.37	2.39	0.79	44.2	7.7	9	16.50	14.5
Q935045		5.10	0.049	2.69	7.07	312	1050	1.51	2.92	3.00	7.31	50.5	8.2	8	23.0	110.5
Q935046		5.64	<0.005	0.02	0.14	2.9	20	0.08	0.03	20.1	0.07	1.78	1.0	1	0.47	2.5
Q935047		5.45	0.020	1.25	6.98	94.3	1290	1.47	0.48	3.17	2.08	45.7	6.9	8	26.9	38.8
Q935048		7.08	<0.005	0.17	7.01	22.5	1950	1.36	0.30	3.17	0.21	38.2	8.1	9	16.95	5.5
Q935049		0.34	0.909	12.05	6.50	1610	140	1.30	12.85	1.90	33.5	45.1	17.1	19	13.95	302
Q935050		2.56	<0.005	0.26	7.16	48.2	910	1.42	0.18	2.31	0.75	43.4	6.5	8	20.8	31.6
Q935051		5.46	0.827	5.35	5.91	2280	920	1.37	0.27	4.47	9.21	41.7	6.2	8	12.75	282
Q935052		7.58	0.015	0.40	6.93	75.5	1460	1.34	0.24	2.60	0.53	45.3	6.4	8	14.10	6.1
Q935053		1.96	0.005	0.40	7.94	55.0	1100	2.00	0.14	2.60	0.39	75.7	7.8	29	40.7	15.9
Q935054		6.81	0.023	0.41	6.88	184.0	1380	1.52	0.60	2.77	0.30	38.9	8.1	9	26.5	11.0
Q935055		1.74	<0.005	0.07	6.88	10.5	1300	1.43	0.21	2.36	0.08	46.1	8.0	9	15.20	3.5
Q935056		<0.02	<0.005	0.12	6.60	10.0	1320	1.50	0.20	2.36	0.07	40.2	8.1	10	15.00	3.4
Q935057		5.55	<0.005	0.08	6.89	15.0	2070	1.55	0.23	2.92	0.12	41.8	7.4	10	16.05	5.0
Q935058		7.71	<0.005	0.09	6.94	6.5	1890	1.26	0.34	2.56	0.17	38.1	8.0	9	15.55	5.7
Q935059		6.51	<0.005	0.07	6.82	11.0	2040	1.51	0.27	2.50	0.08	40.1	8.0	10	17.05	6.4
Q935060		3.20	<0.005	0.06	6.82	6.9	2030	1.42	0.37	2.42	0.13	41.1	8.4	9	16.15	6.3
Q935061		8.22	0.012	0.27	6.65	37.9	1650	1.42	0.32	2.12	1.24	43.2	7.2	8	24.4	14.9
Q935062		8.53	0.074	1.65	6.79	158.0	830	1.36	1.48	2.30	6.27	49.0	6.6	9	13.75	21.2
Q935063		3.70	<0.005	0.13	6.72	20.1	1330	1.13	0.47	3.43	0.21	46.1	7.9	7	11.40	5.4
Q935064		5.15	<0.005	0.27	8.08	30.7	3090	1.54	0.91	3.43	0.29	46.8	11.1	8	10.75	137.5
Q935065		9.49	<0.005	0.22	6.88	15.1	2430	1.56	0.62	3.70	0.51	45.7	10.4	7	13.60	15.9
Q935066		7.86	<0.005	0.14	6.78	17.7	1710	1.21	0.19	2.47	0.43	37.9	6.6	9	14.45	7.6
Q935067		3.74	<0.005	0.11	6.55	6.6	2040	1.42	0.37	2.64	0.10	39.0	6.6	10	7.70	6.3
Q935068		3.59	<0.005	0.12	6.67	9.2	3060	1.43	0.36	2.90	0.13	37.4	7.6	7	13.85	3.8
Q935069		5.57	<0.005	0.01	0.06	<0.2	30	0.05	0.01	20.7	0.07	1.06	0.6	1	0.14	2.3
Q935070		4.73	0.021	0.27	6.63	29.8	1280	1.25	0.62	3.55	0.15	41.3	6.3	7	16.55	2.6
Q935071		5.41	<0.005	0.32	6.07	18.3	1870	1.21	0.73	3.41	0.20	36.9	8.0	8	8.77	3.7
Q935072		0.34	0.377	4.55	6.47	704	340	1.37	3.42	2.06	10.50	46.0	12.0	26	13.35	323
Q935073		4.88	<0.005	1.49	6.47	16.7	2550	1.23	3.11	5.97	0.57	45.1	7.9	8	9.34	4.2
Q935074		3.86	<0.005	5.88	7.36	8.7	2290	1.56	11.90	3.02	1.09	42.0	9.2	9	12.20	13.0
Q935075		2.37	<0.005	24.4	7.36	5.1	2110	1.45	48.2	2.59	2.24	41.3	8.4	9	9.38	24.8
Q935076		3.35	0.012	2.00	8.61	37.7	1960	2.41	9.82	3.50	1.71	42.3	10.9	8	22.2	8.3
Q935077		3.18	0.026	1.70	7.01	63.5	1180	1.63	6.56	6.09	2.08	53.1	9.1	6	18.75	50.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935042		3.52	16.90	<0.05	1.5	0.074	3.08	12.3	33.4	0.37	1990	1.07	0.07	8.8	2.6	630
Q935043		3.52	17.00	<0.05	1.2	0.040	2.60	20.1	23.2	0.72	852	0.95	1.23	8.7	2.9	670
Q935044		3.03	16.95	<0.05	1.3	0.055	2.38	20.7	61.9	0.68	1280	0.86	0.18	8.5	2.6	650
Q935045		3.45	16.90	0.05	1.3	0.111	2.62	25.9	93.0	1.02	5540	2.86	0.03	7.9	2.7	600
Q935046		0.56	0.40	0.10	<0.1	<0.005	0.05	0.8	1.9	12.55	227	0.08	<0.01	0.3	2.0	170
Q935047		3.15	14.75	0.10	1.3	0.056	2.74	22.8	71.7	0.93	2830	2.58	0.08	7.4	2.1	590
Q935048		3.09	16.70	0.08	1.3	0.043	2.81	17.7	18.6	0.63	1250	1.92	0.74	8.5	2.6	660
Q935049		6.64	15.45	<0.05	1.2	0.765	2.89	22.4	19.7	0.77	1860	9.07	0.13	6.5	11.6	540
Q935050		3.05	15.50	0.06	1.3	0.065	3.08	21.3	50.8	0.77	2090	0.49	0.07	7.5	2.1	600
Q935051		3.78	12.55	<0.05	0.9	0.077	2.77	22.2	20.2	1.51	7200	1.17	0.03	6.2	2.0	470
Q935052		2.70	15.45	<0.05	1.5	0.042	1.59	21.8	73.7	0.81	1940	1.12	0.03	8.8	2.4	660
Q935053		3.32	20.1	0.07	4.3	0.043	1.84	35.9	80.4	1.11	1200	0.97	0.04	12.7	8.7	1750
Q935054		2.89	15.30	<0.05	1.2	0.040	2.76	18.4	34.7	0.79	1250	2.91	0.54	7.8	3.0	630
Q935055		2.81	15.70	0.05	1.2	0.029	2.49	22.3	23.9	0.82	803	5.02	1.31	7.1	2.3	610
Q935056		2.80	16.05	<0.05	1.2	0.033	2.51	18.4	23.9	0.80	803	2.70	1.34	7.4	2.5	600
Q935057		2.94	16.00	0.06	1.2	0.032	2.54	20.3	32.7	0.84	839	3.21	1.07	7.7	2.5	600
Q935058		2.95	15.65	<0.05	1.2	0.033	2.56	17.9	29.7	0.78	1100	1.55	0.14	7.6	2.4	600
Q935059		3.05	15.75	0.06	1.1	0.041	2.41	18.4	14.0	0.75	770	6.97	1.54	8.2	2.6	620
Q935060		3.03	15.70	0.05	1.2	0.042	2.43	18.9	15.4	0.76	777	8.79	1.36	8.0	2.6	590
Q935061		3.16	15.55	<0.05	1.3	0.101	2.61	20.6	32.2	0.73	1300	0.79	0.13	7.9	2.4	580
Q935062		3.62	16.10	0.05	1.1	0.140	2.81	24.8	24.4	0.80	2140	1.36	0.05	7.6	2.4	580
Q935063		3.04	13.20	<0.05	1.0	0.028	1.51	24.7	63.4	1.14	1360	0.92	0.08	6.9	2.5	560
Q935064		4.59	19.60	0.05	1.2	0.415	1.72	20.8	26.4	0.94	2890	0.17	1.34	6.8	2.6	680
Q935065		3.24	16.70	<0.05	1.1	0.093	2.36	24.7	26.1	1.19	1910	0.41	0.13	6.6	3.5	580
Q935066		2.79	15.60	<0.05	1.3	0.053	2.59	18.6	25.5	0.56	906	0.43	0.16	7.8	2.5	620
Q935067		2.74	13.30	0.07	1.2	0.033	2.35	18.3	10.3	0.30	651	0.25	2.47	7.5	2.3	560
Q935068		3.00	14.00	0.05	1.1	0.059	2.09	18.2	20.5	0.59	1260	0.16	1.27	7.2	2.6	560
Q935069		0.46	0.22	0.17	<0.1	0.005	0.02	0.5	0.9	12.90	207	0.05	0.01	0.1	1.5	170
Q935070		2.89	13.60	0.13	1.3	0.082	2.20	20.3	24.6	0.96	1680	0.20	0.82	7.5	2.1	560
Q935071		2.77	12.25	0.07	1.2	0.041	1.83	17.9	20.1	1.02	1300	0.24	1.44	7.2	2.6	580
Q935072		4.98	15.05	0.05	1.1	0.301	2.93	26.0	24.9	0.76	1880	13.95	0.15	6.0	14.0	520
Q935073		3.06	11.95	<0.05	1.1	0.040	1.74	25.1	15.3	1.21	1740	0.15	1.62	6.7	2.5	530
Q935074		3.29	17.20	0.05	1.2	0.140	1.89	20.3	18.0	0.80	1960	0.18	1.97	8.5	3.1	680
Q935075		3.12	14.90	<0.05	1.1	0.066	2.13	21.2	12.9	0.67	1720	0.14	1.56	7.4	2.5	630
Q935076		5.39	38.8	<0.05	1.3	1.005	4.14	21.3	20.9	1.11	3160	0.16	0.13	8.2	4.3	640
Q935077		7.62	23.6	<0.05	1.1	1.015	2.94	30.0	20.5	1.77	7460	0.20	0.08	7.0	2.6	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935042		172.0	133.0	<0.002	0.34	18.15	10.4	1	2.2	70.6	0.80	<0.05	8.3	0.280	2.13	3.5
Q935043		20.7	93.6	<0.002	0.01	5.17	12.0	1	1.9	260	0.74	<0.05	9.6	0.305	1.19	2.1
Q935044		33.6	89.7	<0.002	0.10	12.35	11.8	1	1.9	133.5	0.72	<0.05	10.4	0.291	1.31	3.0
Q935045		233	156.0	<0.002	0.80	57.5	11.5	1	2.5	108.0	0.65	<0.05	11.7	0.269	2.58	4.0
Q935046		3.9	2.7	<0.002	0.09	0.31	0.3	1	<0.2	45.1	<0.05	<0.05	0.2	0.005	0.04	0.8
Q935047		130.0	112.0	<0.002	0.40	25.4	10.6	1	1.8	136.0	0.63	<0.05	10.8	0.263	1.99	4.1
Q935048		22.0	99.6	<0.002	0.05	13.10	11.2	1	1.7	196.5	0.69	<0.05	9.3	0.293	1.54	2.7
Q935049		1320	156.5	<0.002	4.70	66.9	9.5	2	8.1	96.8	0.55	1.33	10.8	0.212	2.64	5.4
Q935050		49.6	131.5	<0.002	0.25	19.20	11.0	1	1.8	117.0	0.63	<0.05	10.4	0.269	2.54	3.3
Q935051		538	182.5	<0.002	1.15	93.6	9.4	1	1.9	95.0	0.49	<0.05	9.9	0.218	2.17	2.8
Q935052		38.2	63.7	<0.002	0.18	11.70	9.5	<1	1.5	228	0.71	<0.05	10.8	0.262	1.38	4.6
Q935053		24.2	58.3	<0.002	0.05	23.8	8.5	1	1.4	503	0.85	<0.05	8.1	0.443	1.47	19.8
Q935054		30.8	120.5	<0.002	0.16	9.78	10.9	1	1.9	172.5	0.63	<0.05	9.1	0.274	2.10	6.9
Q935055		6.6	120.5	<0.002	0.09	2.79	10.9	<1	1.4	166.5	0.61	<0.05	11.2	0.252	1.33	3.8
Q935056		6.6	109.0	<0.002	0.09	2.79	10.5	1	1.5	167.5	0.59	<0.05	9.4	0.261	1.39	3.3
Q935057		11.7	100.5	<0.002	0.08	5.09	10.8	1	1.7	208	0.64	<0.05	9.8	0.262	1.31	4.2
Q935058		14.9	87.4	<0.002	0.05	12.10	10.5	1	1.7	124.5	0.64	<0.05	9.6	0.273	1.27	2.5
Q935059		14.5	88.1	<0.002	0.03	7.50	10.9	1	1.8	287	0.66	<0.05	9.4	0.279	1.16	2.1
Q935060		14.4	88.4	<0.002	0.03	8.80	10.9	1	1.8	260	0.65	<0.05	9.7	0.271	1.16	2.1
Q935061		38.3	107.0	<0.002	0.19	13.95	10.8	1	1.9	102.5	0.67	<0.05	10.7	0.261	1.73	5.3
Q935062		404	135.0	<0.002	1.05	12.50	11.5	<1	3.9	76.8	0.56	<0.05	10.5	0.271	2.03	5.1
Q935063		14.5	65.3	<0.002	0.19	15.15	10.3	1	1.4	101.5	0.57	<0.05	11.1	0.246	0.92	6.5
Q935064		11.4	63.7	<0.002	0.12	54.9	11.9	1	6.4	163.0	0.61	<0.05	10.0	0.272	0.99	3.1
Q935065		17.4	119.0	<0.002	0.24	13.50	9.7	<1	3.8	109.5	0.56	<0.05	11.3	0.233	1.34	4.4
Q935066		25.4	84.5	<0.002	0.06	16.70	9.9	<1	2.0	106.0	0.69	<0.05	10.3	0.275	1.25	3.4
Q935067		16.4	75.0	<0.002	0.04	3.69	8.9	<1	1.6	177.0	0.65	<0.05	10.4	0.258	1.05	2.1
Q935068		13.7	71.9	<0.002	0.13	6.51	8.9	1	1.7	142.5	0.59	<0.05	9.2	0.260	1.38	2.6
Q935069		1.4	1.0	<0.002	<0.01	<0.05	0.1	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q935070		27.3	91.9	<0.002	0.24	8.04	9.2	<1	1.5	91.2	0.69	<0.05	10.8	0.261	1.87	2.5
Q935071		29.2	65.1	<0.002	0.13	6.11	9.0	<1	1.4	112.5	0.65	<0.05	8.9	0.248	1.36	1.8
Q935072		482	148.5	0.004	2.66	27.8	8.7	1	5.8	105.5	0.51	0.30	10.5	0.207	2.36	5.0
Q935073		113.0	80.6	<0.002	0.17	5.41	9.1	1	1.3	173.5	0.56	0.09	10.8	0.236	1.14	2.8
Q935074		342	79.0	<0.002	0.05	8.16	11.2	1	2.6	162.5	0.70	0.22	10.8	0.290	1.17	2.5
Q935075		1850	92.0	<0.002	0.04	5.84	10.4	3	1.8	143.5	0.64	1.00	11.6	0.276	1.06	2.2
Q935076		140.0	169.5	<0.002	1.30	8.59	10.8	1	9.6	98.2	0.69	0.09	10.7	0.290	3.50	7.1
Q935077		154.0	170.0	<0.002	1.98	12.25	10.1	1	5.0	114.0	0.56	0.08	11.3	0.247	2.49	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125439

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935042		82	5.5	11.9	808	34.5
Q935043		85	3.1	16.5	147	30.3
Q935044		81	5.0	15.8	151	33.8
Q935045		79	6.1	16.3	760	33.0
Q935046		3	0.1	1.0	20	0.5
Q935047		73	2.7	15.3	280	31.2
Q935048		81	3.2	15.3	122	34.2
Q935049		64	6.4	11.3	2500	30.1
Q935050		76	2.1	14.9	196	32.2
Q935051		59	3.3	13.6	861	24.0
Q935052		64	5.0	12.7	123	44.4
Q935053		84	4.0	14.9	129	170.0
Q935054		80	2.7	12.1	113	30.0
Q935055		72	2.5	10.0	62	29.7
Q935056		73	2.5	9.3	62	30.1
Q935057		74	2.1	12.3	91	30.3
Q935058		75	3.0	12.9	88	29.3
Q935059		77	2.5	13.7	64	30.6
Q935060		75	2.0	13.7	67	29.5
Q935061		74	3.0	14.3	201	32.9
Q935062		78	5.2	14.2	784	29.1
Q935063		71	2.9	16.6	70	25.2
Q935064		95	4.5	14.1	259	31.5
Q935065		80	3.8	13.8	149	28.5
Q935066		77	3.1	13.7	107	31.3
Q935067		63	1.3	10.0	79	26.7
Q935068		67	3.0	9.2	102	27.8
Q935069		2	0.1	0.8	16	<0.5
Q935070		64	2.4	10.5	99	29.7
Q935071		60	1.6	9.5	131	26.7
Q935072		66	5.3	11.6	894	29.9
Q935073		58	1.6	11.8	196	23.1
Q935074		75	2.3	13.4	359	27.7
Q935075		62	2.0	13.2	435	23.6
Q935076		190	4.3	16.0	227	32.2
Q935077		104	3.6	25.6	308	25.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14125439

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

CERTIFICATE WH14126299

Project: KLAZA

P.O. No.: BATCH 170

This report is for 35 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126299

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933413		5.74	0.259	15.80	6.76	648	890	1.30	2.48	2.07	61.2	50.4	13.3	12	15.60	67.6
Q933414		7.12	0.027	2.30	6.98	138.5	2000	1.49	0.31	2.28	5.77	45.9	7.7	12	21.5	13.6
Q933415		0.33	0.331	4.42	6.37	666	600	1.41	3.37	1.94	10.70	50.0	12.4	25	12.80	291
Q933416		6.85	0.076	3.52	6.59	172.0	1510	1.37	0.66	1.30	12.40	46.9	4.9	9	18.65	24.1
Q933417		11.64	<0.005	0.15	6.97	13.8	2180	1.81	0.11	2.00	0.33	45.2	7.2	11	30.2	5.0
Q933418		7.75	0.005	0.51	6.98	13.3	2310	1.60	0.31	1.73	0.31	47.3	7.0	11	22.9	19.3
Q933419		4.86	0.005	0.24	7.17	33.3	1460	1.42	0.21	1.39	1.00	44.9	8.8	10	23.1	7.2
Q933420		3.74	0.180	5.35	6.81	682	1070	1.43	0.39	1.66	28.2	46.9	6.4	9	19.95	19.7
Q933421		3.08	0.080	5.05	7.03	192.5	2210	1.42	0.51	2.54	41.1	47.9	5.8	9	11.35	23.5
Q933422		8.40	0.213	5.25	6.61	491	1300	1.46	0.29	2.33	23.9	47.4	5.7	9	17.70	25.9
Q933423		<0.02	0.304	5.36	6.49	469	1470	1.42	0.26	2.20	23.8	45.9	5.6	8	16.00	28.1
Q933424		4.41	0.183	4.47	6.65	757	1060	1.34	0.56	2.43	15.90	43.8	5.1	8	13.40	20.0
Q933425		6.99	0.028	1.31	6.84	24.0	910	1.52	1.06	2.48	0.34	49.3	10.5	10	9.62	3.3
Q933426		0.34	0.847	11.60	6.56	1565	590	1.34	11.65	1.83	31.8	45.0	16.5	19	12.80	291
Q933427		7.02	0.401	6.45	5.41	171.0	440	1.18	6.22	3.11	2.01	81.1	33.3	10	6.92	21.7
Q933428		5.37	0.009	0.50	6.85	25.3	1470	1.60	0.48	2.79	1.09	39.0	6.6	10	12.30	10.4
Q933429		4.25	0.012	0.38	7.31	21.2	1400	1.52	0.42	2.05	0.22	49.5	7.7	11	19.45	6.2
Q933430		4.47	0.031	1.15	6.86	122.0	1250	1.38	0.41	2.01	8.14	39.6	7.9	9	14.60	8.7
Q933431		3.74	<0.005	0.08	7.15	3.7	2240	1.70	0.15	2.50	0.25	49.4	6.2	14	13.30	3.7
Q933432		2.11	<0.005	0.11	7.22	5.2	2300	1.63	0.15	2.45	0.34	46.6	6.2	13	12.55	3.8
Q933433		5.80	0.229	4.69	6.71	960	460	1.44	0.69	3.10	66.4	44.4	12.7	9	19.65	25.0
Q933434		6.48	<0.005	0.01	0.07	<0.2	40	0.07	0.02	20.4	0.13	1.28	1.1	1	0.28	1.3
Q933435		6.10	<0.005	0.72	7.21	30.8	2200	1.48	0.11	2.52	5.90	48.2	6.8	14	18.25	10.4
Q933436		5.06	<0.005	0.21	7.01	14.0	2100	1.50	0.17	2.59	0.57	42.9	6.9	13	28.8	7.9
Q933437		4.20	0.018	0.41	7.03	84.6	1580	1.44	0.23	2.82	0.17	43.9	8.1	13	32.3	8.8
Q933438		1.59	0.171	1.74	5.19	2170	640	1.24	0.25	2.76	1.15	33.9	7.6	9	21.7	8.6
Q933439		4.59	<0.005	0.04	0.11	3.4	40	0.08	0.04	20.6	0.13	1.29	0.8	3	0.61	2.6
Q933440		4.40	0.024	1.26	7.11	53.8	1760	1.38	0.62	2.26	7.19	52.1	11.7	10	13.70	6.1
Q933441		2.34	0.050	2.15	6.98	82.1	1080	1.55	0.91	2.82	18.05	51.5	15.2	10	22.4	13.7
Q933442		4.95	0.070	3.19	7.48	55.4	2020	1.22	1.21	1.52	3.69	48.8	13.6	10	13.20	32.2
Q933443		5.47	<0.005	0.17	7.31	7.0	1950	1.51	0.42	2.40	0.14	48.8	6.5	10	20.1	9.8
Q933444		3.67	0.123	1.60	6.78	104.0	870	1.56	0.80	2.04	0.81	41.7	6.5	9	22.2	20.0
Q933445		4.85	<0.005	0.19	6.96	5.9	3240	1.53	0.49	2.22	0.14	48.5	7.0	13	14.40	11.9
Q933446		4.82	0.053	4.61	6.85	68.5	860	1.56	1.06	2.07	22.9	48.7	6.8	10	18.65	108.5
Q933448		8.92	0.008	0.19	7.19	6.4	3490	1.70	0.65	2.39	0.14	49.3	7.3	14	14.15	13.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126299

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933413		4.00	14.40	0.14	1.1	0.330	3.44	26.8	21.5	0.74	2870	1.32	0.12	7.2	4.1	520
Q933414		2.91	16.15	0.18	1.3	0.069	3.17	22.3	33.4	0.75	1130	1.19	0.80	8.2	3.5	570
Q933415		4.67	14.90	0.15	1.0	0.285	2.74	26.9	25.4	0.73	1800	14.25	0.14	6.1	15.4	480
Q933416		2.98	14.00	0.13	1.1	0.056	2.43	23.7	100.5	0.52	1820	1.08	0.06	6.8	2.6	500
Q933417		2.77	16.65	0.06	1.2	0.052	2.58	22.2	155.0	0.58	882	1.58	1.15	7.9	2.6	600
Q933418		2.66	16.20	0.10	1.1	0.062	2.75	24.5	112.5	0.55	937	0.95	0.99	7.6	2.3	570
Q933419		2.59	16.65	0.09	1.2	0.058	2.58	23.5	190.5	0.47	968	0.95	0.08	7.8	2.2	580
Q933420		3.28	15.65	0.10	1.1	0.141	3.19	26.0	20.1	0.52	1380	1.97	0.16	7.0	2.7	530
Q933421		3.44	16.15	0.09	1.1	0.146	3.20	26.4	8.6	0.66	2640	0.89	1.18	7.2	1.9	540
Q933422		3.74	14.90	0.05	1.0	0.097	2.81	26.0	16.8	0.84	4510	2.94	0.11	6.6	2.0	520
Q933423		3.61	14.60	0.09	1.1	0.100	2.74	25.2	16.4	0.80	4350	2.85	0.11	6.2	1.9	520
Q933424		4.07	15.25	0.07	1.1	0.117	3.09	24.1	13.1	0.59	3270	0.66	0.16	6.6	2.0	510
Q933425		2.97	15.90	0.06	1.1	0.125	3.19	26.9	13.0	0.50	2000	1.16	0.27	7.0	1.9	560
Q933426		6.40	15.20	0.05	1.0	0.761	2.81	24.3	18.1	0.75	1820	8.62	0.12	6.1	11.3	540
Q933427		7.05	12.35	0.07	0.8	0.266	2.49	50.6	10.6	0.73	1840	1.54	0.03	4.9	2.4	380
Q933428		3.06	16.90	0.07	1.2	0.119	3.01	19.7	15.5	0.54	1730	1.11	0.72	7.7	2.1	590
Q933429		2.75	17.60	0.08	1.5	0.068	2.83	25.7	60.7	0.56	866	1.06	0.32	8.4	2.2	620
Q933430		3.23	16.60	0.07	1.1	0.072	2.80	19.5	53.6	0.77	2060	0.79	0.09	7.4	2.4	560
Q933431		2.92	17.55	0.06	1.5	0.057	2.66	25.1	10.4	0.74	775	1.46	2.05	8.3	2.3	580
Q933432		2.88	16.60	0.09	1.2	0.054	2.78	23.7	10.0	0.71	807	1.06	2.04	7.7	2.1	570
Q933433		3.90	14.75	0.07	1.0	0.200	3.09	24.7	29.8	0.98	2590	0.86	0.05	6.5	1.9	500
Q933434		0.48	0.25	<0.05	<0.1	0.005	0.03	0.6	1.2	12.45	223	<0.05	0.01	0.2	1.7	160
Q933435		2.78	16.85	0.08	1.4	0.044	2.60	24.9	12.4	0.69	665	1.69	2.01	7.7	2.2	550
Q933436		2.83	16.70	0.07	1.3	0.041	2.89	21.5	18.2	0.63	849	1.33	1.60	7.7	2.4	570
Q933437		2.70	16.35	0.06	1.3	0.038	2.60	22.6	61.4	0.80	789	0.84	0.82	7.8	2.3	580
Q933438		3.19	11.40	0.06	0.8	0.050	2.09	19.2	36.4	0.87	2010	1.99	0.03	4.6	2.8	360
Q933439		0.50	0.35	<0.05	<0.1	<0.005	0.04	0.6	1.4	12.65	224	0.22	0.01	0.2	1.8	150
Q933440		3.50	16.55	0.08	1.2	0.125	3.17	29.0	39.4	0.75	2090	1.64	0.36	7.5	1.9	560
Q933441		3.33	15.95	0.08	1.2	0.306	3.10	29.1	125.5	0.87	2190	1.59	0.15	7.0	2.2	550
Q933442		3.13	16.85	0.10	1.3	0.070	2.50	25.8	28.5	0.49	1060	1.65	0.24	7.9	2.3	570
Q933443		2.90	16.55	0.10	1.2	0.039	2.71	26.1	33.6	0.69	642	0.93	1.15	7.6	2.1	580
Q933444		2.93	16.50	0.09	1.2	0.072	2.70	20.7	276	0.71	1580	1.45	0.06	7.6	2.3	580
Q933445		2.68	17.00	0.09	1.1	0.041	2.64	24.8	19.6	0.66	841	1.14	1.51	7.9	2.1	560
Q933446		2.98	15.40	0.07	1.1	0.311	2.93	26.6	52.4	0.71	1620	1.21	0.12	7.2	2.1	530
Q933448		2.78	17.00	0.11	1.2	0.083	2.58	26.7	12.5	0.73	677	1.24	1.90	8.0	2.3	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126299

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933413		2620	207	<0.002	2.09	21.3	9.7	1	2.3	96.7	0.59	0.43	12.7	0.222	3.05	4.9
Q933414		561	140.5	<0.002	0.35	7.07	10.3	1	1.7	181.5	0.66	0.12	12.5	0.248	2.20	4.7
Q933415		458	158.5	0.003	2.54	27.0	9.2	1	5.3	103.0	0.48	0.29	11.8	0.195	2.43	5.2
Q933416		931	110.5	<0.002	0.42	40.9	9.2	1	1.4	88.4	0.59	0.29	12.5	0.223	1.79	4.1
Q933417		35.6	102.5	<0.002	0.11	13.25	10.1	<1	1.6	235	0.64	<0.05	11.3	0.261	1.47	3.4
Q933418		39.0	123.5	<0.002	0.11	24.1	10.0	1	1.5	206	0.61	0.07	11.7	0.253	1.52	3.8
Q933419		47.0	113.5	<0.002	0.18	28.5	9.6	<1	1.6	152.5	0.62	<0.05	11.9	0.248	1.51	4.2
Q933420		1365	194.5	<0.002	1.44	24.5	9.2	1	2.2	90.2	0.58	0.05	11.4	0.225	2.96	6.8
Q933421		1450	162.5	<0.002	0.85	8.94	9.4	1	2.0	224	0.60	0.10	12.3	0.235	2.15	5.1
Q933422		839	165.5	<0.002	1.50	22.1	9.2	<1	2.1	79.2	0.51	0.05	11.3	0.226	2.89	5.5
Q933423		942	161.5	<0.002	1.47	21.7	8.8	1	2.0	77.1	0.51	0.05	10.7	0.219	2.88	5.1
Q933424		688	165.5	<0.002	2.26	14.50	8.9	1	2.4	90.8	0.52	<0.05	11.6	0.223	2.68	4.2
Q933425		20.8	161.0	<0.002	0.79	3.43	8.8	1	2.4	87.1	0.57	0.52	10.7	0.248	2.52	4.4
Q933426		1330	162.5	<0.002	4.67	67.3	8.8	2	7.8	93.6	0.50	0.99	10.4	0.208	2.45	5.1
Q933427		216	162.5	<0.002	6.25	6.86	7.2	1	3.8	77.8	0.40	1.91	8.4	0.166	2.09	6.5
Q933428		52.4	137.5	<0.002	0.36	4.60	9.4	1	2.4	167.0	0.59	0.09	9.7	0.261	2.24	3.6
Q933429		23.8	122.5	<0.002	0.38	12.70	10.3	1	2.1	115.5	0.75	0.19	12.8	0.266	2.05	4.4
Q933430		198.5	116.5	<0.002	0.66	14.55	9.5	1	2.1	86.4	0.56	0.21	10.4	0.252	2.06	3.8
Q933431		29.5	105.0	<0.002	0.03	2.47	10.3	1	1.9	350	0.70	<0.05	12.7	0.260	1.23	4.6
Q933432		44.4	105.0	<0.002	0.05	2.52	9.5	1	1.8	349	0.67	<0.05	12.8	0.246	1.24	4.3
Q933433		913	170.0	<0.002	2.27	15.45	8.6	1	2.4	142.0	0.52	0.42	10.9	0.219	2.60	4.3
Q933434		2.3	1.6	<0.002	0.01	0.12	0.2	<1	<0.2	47.9	<0.05	<0.05	0.2	<0.005	0.02	0.6
Q933435		158.5	111.5	<0.002	0.08	2.45	9.8	1	1.7	366	0.63	<0.05	12.2	0.246	1.19	4.5
Q933436		52.2	112.5	<0.002	0.10	3.26	9.5	1	1.8	319	0.65	<0.05	11.1	0.248	1.69	4.2
Q933437		19.2	108.5	<0.002	0.42	9.03	9.6	1	1.7	218	0.66	0.05	11.4	0.247	1.89	4.4
Q933438		60.7	129.0	<0.002	1.43	89.9	7.1	1	1.1	78.8	0.39	0.13	7.9	0.164	2.22	4.9
Q933439		4.6	2.5	<0.002	0.01	0.22	0.2	<1	0.2	48.1	<0.05	<0.05	0.2	0.005	0.03	0.6
Q933440		329	148.5	<0.002	0.85	7.18	9.6	1	2.5	112.5	0.63	0.25	14.4	0.248	2.22	4.2
Q933441		252	157.0	<0.002	1.49	9.89	9.4	1	2.4	119.0	0.58	0.46	12.5	0.242	2.50	4.7
Q933442		271	113.5	<0.002	0.75	18.20	10.3	1	2.5	102.0	0.63	0.17	11.9	0.258	1.29	3.8
Q933443		19.8	119.5	<0.002	0.20	5.81	10.0	1	1.7	266	0.62	0.11	13.0	0.258	1.51	4.2
Q933444		501	114.0	<0.002	0.93	19.45	9.7	<1	2.7	183.0	0.64	0.31	10.5	0.252	2.68	4.4
Q933445		24.5	116.0	<0.002	0.31	5.45	10.1	1	1.8	410	0.63	0.08	12.0	0.250	1.36	4.2
Q933446		1500	144.0	<0.002	1.47	16.35	9.5	1	3.1	117.0	0.62	0.47	13.1	0.222	2.45	5.0
Q933448		19.9	115.0	<0.002	0.61	2.09	10.1	1	2.1	659	0.70	0.20	12.8	0.247	1.23	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126299

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933413		63	4.0	13.0	5520	27.4
Q933414		67	3.0	14.7	406	30.5
Q933415		63	5.4	11.6	816	29.5
Q933416		62	3.7	14.4	817	25.4
Q933417		70	3.7	15.7	65	32.4
Q933418		66	3.4	16.2	65	30.5
Q933419		65	5.0	15.3	143	31.2
Q933420		62	4.3	13.3	1820	27.8
Q933421		63	2.0	15.3	2620	29.3
Q933422		62	5.4	11.3	1720	27.0
Q933423		62	5.1	11.1	1650	26.0
Q933424		61	3.7	12.9	1120	29.0
Q933425		64	2.6	13.1	63	30.0
Q933426		63	5.8	10.2	2350	29.8
Q933427		50	4.4	11.1	183	18.8
Q933428		69	2.5	14.1	120	33.6
Q933429		70	2.6	16.0	46	40.6
Q933430		66	4.5	15.3	564	31.2
Q933431		70	1.5	17.9	55	40.1
Q933432		66	1.5	16.0	63	34.9
Q933433		59	3.0	13.7	4140	28.2
Q933434		2	0.1	0.7	21	<0.5
Q933435		66	1.4	17.0	357	38.6
Q933436		68	1.2	15.2	77	35.9
Q933437		67	5.7	14.6	51	35.2
Q933438		57	3.0	11.0	144	18.5
Q933439		3	0.1	0.8	22	<0.5
Q933440		65	2.4	14.2	581	32.1
Q933441		63	2.6	15.7	1780	32.7
Q933442		69	5.1	16.2	380	34.5
Q933443		69	2.8	16.4	45	33.5
Q933444		68	3.3	14.2	129	33.0
Q933445		65	1.7	17.0	53	31.3
Q933446		61	3.1	14.0	2380	29.8
Q933448		66	1.6	16.7	63	32.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126299

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

CERTIFICATE WH14126980

Project: KLAZA

P.O. No.: BATCH 172

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

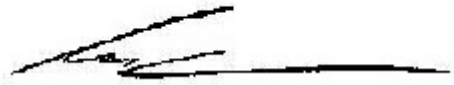
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126980

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935271		1.12	<0.005	0.20	6.77	7.8	1580	1.46	0.19	2.11	0.14	51.3	5.1	8	19.35	11.4
Q935272		1.33	0.006	0.74	6.71	33.9	850	1.46	0.45	1.69	0.21	48.8	5.7	7	18.20	14.1
Q935273		0.32	0.882	11.15	6.58	1275	1030	1.44	11.70	1.83	33.7	46.2	17.4	16	13.70	282
Q935274		0.91	0.123	3.69	4.90	163.0	580	1.12	0.25	3.21	0.96	31.0	5.8	10	9.66	261
Q935275		3.23	0.010	0.57	5.82	23.2	950	1.41	0.34	3.32	0.44	37.2	6.8	8	13.40	35.5
Q935276		3.55	0.245	7.31	4.90	328	1540	1.28	0.41	2.49	1.87	33.9	6.2	12	15.60	154.5
Q935277		5.06	<0.005	0.15	6.83	12.2	1820	1.56	0.27	1.74	0.12	43.2	7.0	9	24.9	12.9
Q935278		1.29	<0.005	0.17	7.61	7.4	1780	1.32	0.39	1.60	0.13	46.3	6.7	8	12.65	16.5
Q934907		8.59	<0.005	0.10	8.16	8.3	2280	1.32	0.17	0.94	0.11	58.3	8.5	14	18.05	16.2
Q934908		3.63	<0.005	0.12	8.30	8.9	2150	1.36	0.22	1.01	0.13	58.2	9.2	13	18.05	13.9
Q934909		6.44	<0.005	0.09	7.48	6.5	2160	1.59	0.57	2.56	0.07	53.1	8.3	14	12.25	15.4
Q934910		1.67	0.026	6.61	7.06	55.6	1190	1.56	0.90	2.46	0.19	43.3	9.1	9	24.6	780
Q934911		2.89	<0.005	0.14	7.16	21.6	1880	1.69	0.28	2.32	0.08	46.0	6.7	12	18.70	11.6
Q934912		0.29	0.373	4.52	6.58	594	730	1.40	3.71	2.01	10.70	46.2	12.3	24	12.85	300
Q934913		1.97	1.820	0.77	6.39	92.5	1360	1.39	0.23	2.45	0.24	44.2	14.5	8	14.10	8.1
Q934914		5.25	0.008	0.42	7.14	65.7	1100	1.64	0.24	2.54	0.17	46.7	6.6	9	21.9	21.2
Q934915		9.30	<0.005	0.10	7.27	14.5	1750	1.55	0.22	1.77	0.08	48.1	4.5	11	18.85	6.0
Q934916		9.51	0.008	0.22	7.77	10.8	2380	1.73	0.57	1.37	0.12	54.2	9.3	10	16.70	10.9
Q934917		<0.02	<0.005	0.22	7.35	10.0	2250	1.58	0.60	1.31	0.16	51.8	9.5	9	15.60	9.5
Q934918		4.53	0.022	1.03	5.77	111.5	3050	1.47	0.41	3.40	0.96	41.3	5.4	8	18.20	11.6
Q934919		3.38	<0.005	0.13	7.19	10.9	1700	1.46	0.33	2.26	0.22	42.6	3.8	10	16.35	4.3
Q934920		4.30	<0.005	0.10	7.09	12.4	1890	1.48	0.28	1.95	0.09	44.9	4.2	12	9.01	7.2
Q934921		2.26	0.061	3.64	6.53	222	730	1.62	0.20	3.05	6.08	43.2	8.6	8	21.4	26.3
Q934922		4.31	<0.005	0.01	0.07	0.3	20	0.06	0.04	19.40	0.06	1.25	0.7	1	0.18	1.6
Q934923		4.65	<0.005	0.11	6.98	15.6	2980	1.31	0.14	1.93	0.22	40.4	6.1	10	21.1	7.9
Q934924		1.68	<0.005	0.09	7.21	18.4	1070	1.44	0.11	2.49	0.21	45.0	6.9	9	21.3	7.3
Q934925		1.94	0.415	0.62	6.33	1015	1640	1.28	0.11	2.43	1.02	44.2	4.3	7	15.40	3.7
Q934926		1.70	0.008	0.18	7.60	25.5	1750	1.52	0.11	2.04	0.27	50.2	3.8	9	16.80	3.1
Q934927		8.13	<0.005	0.05	7.71	8.5	1820	1.22	0.16	0.86	0.11	53.7	5.3	10	11.55	2.9
Q934928		2.08	0.251	2.86	5.64	596	840	1.31	0.68	1.96	3.81	41.3	4.5	10	10.35	19.7
Q934929		4.69	<0.005	0.01	0.08	0.6	30	0.06	0.02	20.3	0.05	1.22	0.7	1	0.24	1.4
Q934930		2.94	<0.005	0.18	7.37	22.4	1330	1.36	0.25	2.08	0.27	47.9	4.6	9	14.65	4.9
Q934931		4.39	<0.005	0.24	6.88	22.5	880	1.41	0.46	2.34	0.32	47.4	3.6	8	16.90	4.0
Q934932		3.72	0.120	1.26	6.30	162.5	1280	1.43	0.25	2.73	2.09	42.7	5.4	10	15.30	13.1
Q934933		4.34	<0.005	0.04	7.10	6.5	1800	1.32	0.10	1.89	0.10	44.6	6.0	9	14.10	6.6
Q934934		5.06	0.005	0.29	6.63	19.8	1250	1.41	0.10	2.20	0.28	43.7	6.6	9	20.6	6.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935271		2.79	15.20	0.18	1.3	0.035	2.94	28.0	104.0	0.81	1080	1.55	0.11	7.3	2.4	530
Q935272		2.41	15.30	0.19	1.1	0.095	3.02	27.2	73.3	0.70	1170	1.94	0.04	6.7	2.6	520
Q935273		6.53	15.20	0.16	1.0	0.794	2.89	24.6	18.0	0.76	1770	8.41	0.13	6.0	12.2	530
Q935274		3.16	11.80	0.11	0.8	0.133	2.33	16.7	60.1	1.05	3460	1.76	0.03	4.8	2.8	360
Q935275		2.69	13.95	0.15	1.0	0.063	2.68	20.4	78.1	1.14	2270	0.69	0.03	6.0	2.2	430
Q935276		2.42	11.55	0.12	0.8	0.050	2.15	18.7	73.3	0.74	3520	1.70	0.02	5.0	2.3	350
Q935277		2.73	15.60	0.14	1.1	0.040	2.82	22.4	144.0	0.63	1000	1.99	0.26	7.4	2.2	540
Q935278		2.91	17.95	0.13	1.2	0.042	2.81	23.8	26.5	0.45	751	2.52	0.39	8.4	2.2	630
Q934907		3.35	18.80	0.16	1.7	0.066	3.03	31.9	35.2	0.44	844	1.23	0.34	9.4	3.9	770
Q934908		3.32	18.90	0.17	1.7	0.063	3.08	32.3	34.8	0.45	880	1.11	0.36	9.2	3.8	760
Q934909		3.10	16.95	0.20	1.3	0.060	2.99	28.6	15.4	0.82	681	0.54	2.06	8.0	2.9	600
Q934910		3.66	17.00	0.15	1.2	0.084	3.24	22.2	57.9	0.77	1240	0.51	0.52	7.6	2.9	620
Q934911		2.65	16.45	0.15	1.3	0.041	2.87	24.2	28.6	0.69	689	1.05	1.38	8.0	2.8	590
Q934912		4.90	15.80	0.14	1.0	0.312	3.00	27.6	25.0	0.77	1780	13.35	0.15	5.9	14.7	510
Q934913		3.40	14.55	0.14	1.1	0.070	2.53	24.2	106.0	0.83	1510	0.71	0.04	6.9	2.8	500
Q934914		2.86	16.60	0.19	1.3	0.073	3.54	25.6	44.7	0.86	1390	0.93	0.06	7.8	2.9	580
Q934915		3.00	16.95	0.16	1.4	0.079	3.12	25.2	42.9	0.62	721	1.10	0.91	8.3	2.7	590
Q934916		4.08	18.25	0.16	1.4	0.212	3.18	30.2	33.7	0.71	1080	1.00	0.56	8.8	2.8	670
Q934917		3.89	16.85	0.16	1.3	0.200	2.99	28.7	32.1	0.67	1020	0.60	0.53	8.0	2.7	620
Q934918		3.07	13.45	0.15	0.9	0.112	2.57	23.3	31.4	1.18	2620	0.67	0.04	6.2	2.5	450
Q934919		3.02	17.55	0.18	1.3	0.090	2.80	21.3	64.7	0.66	819	0.61	0.17	8.3	2.7	640
Q934920		2.97	16.15	0.15	1.5	0.066	3.23	22.9	11.2	0.74	967	0.63	1.88	8.0	2.8	560
Q934921		2.87	16.45	0.18	1.2	0.089	2.78	22.6	34.8	0.88	3910	1.66	0.03	7.5	3.6	550
Q934922		0.45	0.24	0.19	<0.1	0.008	0.03	0.6	1.1	12.25	203	0.06	0.01	0.1	1.4	180
Q934923		2.62	16.70	0.20	1.2	0.038	3.40	20.7	34.3	0.62	898	0.72	0.15	8.0	2.6	590
Q934924		2.41	17.10	0.18	1.4	0.036	3.20	22.9	51.9	0.77	1020	0.96	0.16	8.4	2.6	590
Q934925		2.72	15.25	0.14	1.0	0.057	3.03	25.6	28.7	0.84	2630	0.87	0.02	6.6	2.6	500
Q934926		2.60	16.95	0.18	1.2	0.043	3.93	26.4	24.8	0.64	1380	0.68	0.93	8.1	2.5	610
Q934927		2.52	17.20	0.15	1.4	0.051	3.04	30.1	24.4	0.32	611	2.31	0.56	8.3	2.5	610
Q934928		3.56	13.50	0.13	1.0	0.146	2.61	23.6	19.7	0.67	3830	204	0.04	5.6	2.4	440
Q934929		0.47	0.26	0.27	<0.1	0.005	0.03	0.6	1.1	12.55	211	0.43	<0.01	0.2	1.5	160
Q934930		2.97	16.80	0.16	1.3	0.137	3.38	25.8	30.7	0.79	1910	2.04	0.05	8.1	3.8	600
Q934931		2.98	16.10	0.16	1.2	0.138	2.98	26.6	33.7	0.87	1760	4.33	0.04	7.2	2.4	550
Q934932		2.86	15.20	0.14	1.2	0.082	2.96	23.0	26.0	0.91	3170	2.54	0.04	6.9	3.1	520
Q934933		2.61	16.15	0.16	1.3	0.036	2.98	23.0	28.3	0.57	568	0.96	0.93	7.7	2.5	580
Q934934		2.54	15.15	0.15	1.4	0.039	2.41	24.0	83.7	0.75	1420	0.91	0.03	7.2	2.8	520

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935271		12.1	141.5	<0.002	0.06	19.25	9.9	<1	1.8	121.5	0.64	<0.05	12.5	0.222	2.01	3.2
Q935272		12.8	169.0	<0.002	0.38	34.2	9.8	<1	2.3	92.5	0.52	<0.05	12.5	0.224	2.34	6.2
Q935273		1290	163.5	<0.002	4.76	62.4	9.2	1	7.6	96.9	0.52	1.03	11.2	0.209	2.60	5.1
Q935274		67.3	123.0	0.002	1.13	166.5	7.9	<1	1.6	72.6	0.37	<0.05	8.0	0.166	1.60	4.4
Q935275		36.0	126.5	0.002	0.19	39.1	8.8	1	2.5	100.5	0.50	<0.05	9.6	0.189	1.81	5.1
Q935276		151.0	116.0	0.003	1.29	91.8	6.7	<1	1.7	109.0	0.44	<0.05	8.6	0.155	1.85	8.0
Q935277		14.7	116.0	0.003	0.10	16.70	9.5	1	1.9	153.5	0.62	<0.05	11.5	0.227	1.66	2.8
Q935278		18.0	108.0	0.002	0.01	16.10	10.7	1	2.1	121.5	0.65	<0.05	13.3	0.268	1.29	3.2
Q934907		16.0	135.0	0.002	0.03	22.7	13.3	1	2.1	85.4	0.73	<0.05	15.8	0.305	1.37	2.8
Q934908		16.6	137.5	<0.002	0.04	21.6	13.3	1	2.0	89.0	0.72	<0.05	15.2	0.307	1.33	3.2
Q934909		16.7	116.5	0.002	0.02	2.92	10.8	1	1.8	339	0.65	<0.05	14.2	0.253	1.17	3.3
Q934910		28.1	122.5	0.002	0.95	28.5	11.0	1	1.8	127.5	0.60	<0.05	11.3	0.263	2.06	6.7
Q934911		14.1	119.0	0.002	0.07	7.71	10.5	<1	1.6	262	0.66	<0.05	12.3	0.247	1.50	4.6
Q934912		478	161.0	0.006	2.66	27.3	9.1	1	5.1	107.0	0.48	0.30	11.2	0.196	2.35	5.0
Q934913		20.1	120.0	<0.002	1.62	19.70	9.5	1	1.5	91.5	0.59	0.10	11.3	0.211	2.19	9.3
Q934914		18.8	157.5	<0.002	0.39	15.20	10.4	1	1.6	97.7	0.65	<0.05	12.6	0.246	2.85	6.5
Q934915		14.1	123.0	0.003	0.15	7.27	10.9	1	1.7	172.0	0.71	<0.05	12.9	0.249	2.05	4.2
Q934916		10.3	150.5	0.002	0.14	13.50	11.9	1	2.7	121.5	0.75	<0.05	14.5	0.262	1.87	4.0
Q934917		9.3	139.5	<0.002	0.14	12.20	11.0	1	2.5	113.5	0.71	<0.05	13.4	0.249	1.63	3.8
Q934918		28.5	142.5	0.002	0.58	24.8	8.5	1	1.7	92.2	0.50	<0.05	11.1	0.192	2.29	7.4
Q934919		16.4	94.4	<0.002	0.03	15.25	11.0	1	1.9	130.5	0.67	<0.05	11.0	0.267	1.58	2.1
Q934920		14.7	127.0	0.002	0.07	4.63	10.0	1	1.6	242	0.68	<0.05	12.1	0.238	1.53	3.3
Q934921		253	126.5	0.002	0.89	35.2	9.7	<1	2.1	109.5	0.61	<0.05	11.3	0.226	2.91	5.2
Q934922		1.4	1.3	0.002	<0.01	0.12	0.2	<1	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	0.03	0.7
Q934923		15.3	124.0	0.002	0.13	19.20	10.0	1	1.5	133.0	0.67	<0.05	11.4	0.244	2.13	2.7
Q934924		11.8	126.0	0.002	0.11	11.90	10.7	1	1.6	142.0	0.71	<0.05	12.7	0.254	2.33	4.5
Q934925		29.3	215	<0.002	1.37	30.6	9.1	1	3.2	76.6	0.53	<0.05	12.1	0.207	2.39	5.9
Q934926		18.3	173.0	<0.002	0.20	7.45	10.7	1	1.7	211	0.65	<0.05	13.9	0.254	2.16	3.2
Q934927		15.5	125.0	<0.002	0.02	23.7	11.3	1	3.0	112.5	0.68	<0.05	15.1	0.251	1.20	4.8
Q934928		149.0	136.0	0.003	2.31	28.6	7.9	1	1.9	48.0	0.49	<0.05	11.1	0.182	2.21	6.3
Q934929		1.4	1.7	0.002	<0.01	0.16	0.2	<1	<0.2	48.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q934930		17.0	173.5	<0.002	0.22	16.55	11.3	1	1.9	92.1	0.66	<0.05	13.0	0.255	2.34	6.8
Q934931		14.1	154.0	0.003	0.22	15.55	10.0	1	1.7	111.5	0.57	<0.05	12.8	0.226	2.04	3.4
Q934932		89.4	141.5	<0.002	1.12	17.85	9.6	<1	1.8	127.5	0.59	<0.05	10.0	0.216	2.38	3.7
Q934933		13.9	119.5	0.002	0.02	9.13	10.3	1	1.8	212	0.64	<0.05	11.6	0.247	1.38	2.9
Q934934		14.7	112.5	0.002	0.34	21.6	9.6	1	1.7	156.0	0.64	<0.05	11.7	0.225	2.24	4.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935271		62	4.3	14.9	49	31.4
Q935272		66	6.5	14.1	40	28.4
Q935273		62	5.9	11.2	2370	26.9
Q935274		62	4.4	12.0	91	19.5
Q935275		61	3.3	13.0	52	24.7
Q935276		47	4.5	9.9	207	19.0
Q935277		64	4.6	14.1	53	27.8
Q935278		74	4.5	15.9	49	31.6
Q934907		89	7.5	19.1	66	45.8
Q934908		90	6.8	19.0	64	44.7
Q934909		72	1.4	17.0	47	33.2
Q934910		80	2.2	15.4	60	30.2
Q934911		69	2.4	15.7	42	32.4
Q934912		65	5.5	11.7	805	27.1
Q934913		60	4.7	14.5	53	27.6
Q934914		69	4.3	15.4	46	30.9
Q934915		70	3.1	14.7	45	33.1
Q934916		72	6.4	17.0	71	36.0
Q934917		68	6.1	15.6	67	31.7
Q934918		57	3.4	14.0	87	25.0
Q934919		73	3.7	14.9	56	32.3
Q934920		66	1.9	14.7	49	37.8
Q934921		66	4.8	14.0	487	32.1
Q934922		2	0.1	0.8	14	<0.5
Q934923		69	2.7	14.0	54	32.4
Q934924		71	2.2	14.9	50	34.3
Q934925		57	7.4	11.5	140	26.4
Q934926		72	3.4	14.6	58	33.0
Q934927		71	3.6	15.6	44	39.1
Q934928		55	3.5	11.2	423	25.4
Q934929		2	0.1	0.8	15	<0.5
Q934930		71	3.7	16.3	73	35.7
Q934931		64	3.8	13.9	71	35.5
Q934932		61	4.3	13.5	225	30.0
Q934933		68	1.7	15.0	37	33.7
Q934934		64	3.4	13.4	58	33.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31-AUG-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126980

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

CERTIFICATE WH14126981

Project: KLAZA

P.O. No.: BATCH 173

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126981

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
Q934021		8.38	<0.005		0.11	5.75	8.1	1930	1.33	0.12	2.91	0.17	31.9	6.5	10	17.40
Q934022		6.29	0.010		0.14	7.29	11.7	1550	1.31	0.25	1.21	0.48	43.0	6.4	10	30.6
Q934023		3.37	1.445		1.95	7.21	250	2420	1.70	0.29	0.19	6.76	53.7	30.8	8	23.6
Q934024		0.31	0.389		4.30	6.68	708	510	1.41	3.26	2.02	10.60	48.9	11.9	25	12.90
Q934025		4.26	>10.0	16.80	15.60	2.58	938	670	0.64	0.71	0.10	2.06	15.70	4.2	11	9.28
Q934026		4.69	0.209		26.0	7.01	452	1300	1.81	1.87	1.02	2.89	46.2	11.8	9	23.8
Q934027		9.00	0.030		0.43	6.80	11.9	1960	1.66	0.24	2.51	0.80	46.7	8.1	15	16.90
Q934028		5.52	0.005		0.16	6.85	12.2	1920	1.55	0.23	2.05	0.32	49.1	7.3	9	18.90
Q934029		4.13	0.190		0.82	7.12	130.5	2110	1.51	0.17	1.80	2.06	47.5	7.3	9	24.7
Q934030		2.24	<0.005		0.11	6.85	16.3	2260	1.54	0.07	2.21	0.60	39.9	6.2	11	23.3
Q934031		7.68	0.032		9.80	6.88	193.0	1730	1.55	0.56	1.29	4.06	37.1	8.2	9	22.3
Q934032		<0.02	0.037		9.49	6.74	187.5	1570	1.54	0.58	1.27	4.07	35.1	8.4	9	23.2
Q934033		3.05	0.060		5.12	7.25	455	1400	1.68	0.23	0.98	6.71	51.4	7.9	9	26.0
Q934034		4.24	0.658		34.7	6.70	1035	1640	1.47	6.11	0.92	19.10	45.7	5.9	9	19.75
Q934035		7.50	0.006		0.24	7.02	11.1	2180	1.58	0.27	2.44	0.25	47.7	6.7	11	16.45
Q934036		3.86	0.005		2.50	6.87	20.7	2020	1.65	0.15	2.05	1.39	45.4	6.2	9	21.9
Q934037		3.76	0.018		3.34	6.58	62.9	1660	1.56	0.83	2.22	6.65	45.1	6.2	9	19.05
Q934038		4.05	<0.005		0.02	0.09	0.3	40	0.08	0.02	19.95	0.08	1.36	0.7	1	0.20
Q934039		7.75	<0.005		0.13	7.04	7.0	2100	1.61	0.09	2.49	0.16	51.2	7.0	11	13.20
Q934040		4.45	0.124		2.12	7.39	457	2790	1.34	0.19	0.81	2.17	55.2	6.4	9	11.95
Q934041		1.79	0.005		0.23	7.41	47.2	2070	1.34	0.16	1.53	1.01	48.2	7.5	10	17.75
Q934042		3.17	0.050		2.53	6.84	217	1930	1.56	0.20	2.29	1.68	48.3	6.9	10	20.9
Q934043		1.76	0.045		1.75	6.60	198.0	1950	1.52	0.19	2.40	0.94	44.4	6.2	8	19.80
Q934044		7.13	0.008		0.18	7.22	30.5	2200	1.62	0.19	2.38	0.25	50.1	9.5	12	13.50
Q934045		5.31	<0.005		0.20	7.73	35.6	1880	1.25	0.19	0.92	3.14	55.0	6.6	10	12.05
Q934046		2.62	0.989		34.8	6.10	1070	890	1.40	0.86	0.54	10.50	45.0	6.4	9	11.50
Q934047		4.15	<0.005		0.09	0.07	1.4	60	0.08	0.02	20.5	0.07	1.21	0.7	1	0.20
Q934048		7.51	0.098		0.94	7.06	76.2	2220	1.48	0.17	2.04	0.42	50.4	6.6	10	23.7
Q934049		2.28	0.117		1.54	7.05	419	3310	1.67	0.13	1.35	1.52	50.6	7.2	10	21.9
Q934050		5.37	0.006		0.23	7.24	66.5	560	1.40	0.18	1.01	1.50	54.3	6.0	10	23.0
Q934901		4.25	0.190		15.70	6.68	394	1070	1.49	1.03	1.50	14.45	49.4	4.9	11	13.40
Q934902		0.30	0.873		11.65	6.37	1570	800	1.35	12.65	1.78	33.4	48.2	17.1	20	13.25
Q934903		5.39	0.021		3.61	5.54	276	940	1.50	0.17	0.51	2.35	42.2	4.8	10	28.7
Q934904		7.14	0.010		0.11	7.09	9.8	1830	1.16	0.10	1.18	0.27	36.2	6.3	9	18.15
Q934905		2.80	0.353		0.18	5.89	63.3	2650	1.33	0.16	2.14	0.35	37.0	11.5	8	22.7
Q934906		3.76	0.143		0.39	7.83	15.1	1650	1.23	0.78	0.60	0.33	54.5	7.4	8	11.80

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q934021		7.4	2.67	15.25	0.06	1.3	0.025	2.67	15.3	36.7	0.34	785	3.52	0.79	7.3	2.4
Q934022		17.3	2.60	17.70	0.07	1.3	0.049	2.56	22.4	70.7	0.11	761	1.83	0.30	8.2	2.4
Q934023		20.3	4.18	16.55	0.09	1.2	0.152	2.97	30.0	36.2	0.17	6910	5.13	0.04	7.4	3.8
Q934024		312	4.90	15.35	0.05	1.1	0.278	2.90	28.4	26.8	0.76	1940	14.75	0.15	6.0	13.4
Q934025		29.5	6.43	6.10	<0.05	0.4	0.097	1.07	7.7	43.5	0.08	900	7.09	0.02	2.5	1.2
Q934026		88.2	3.38	16.35	0.05	1.3	0.100	2.88	22.2	49.7	0.18	4160	1.41	0.03	8.0	4.9
Q934027		11.2	2.81	16.50	0.05	1.3	0.057	2.48	21.7	12.8	0.53	831	0.91	1.97	8.1	3.0
Q934028		8.5	2.60	14.90	0.07	1.3	0.071	2.84	24.5	12.8	0.43	677	2.88	1.76	7.3	2.5
Q934029		23.0	3.42	15.95	0.06	1.3	0.124	3.83	22.6	12.2	0.24	2930	4.28	0.75	7.8	2.6
Q934030		7.7	2.52	15.40	0.06	1.1	0.033	3.00	18.4	7.8	0.36	801	4.04	1.81	7.2	2.7
Q934031		92.3	2.73	15.50	0.07	1.1	0.059	2.89	17.4	73.7	0.28	2500	4.82	0.06	7.4	2.6
Q934032		100.5	2.67	16.15	0.06	1.2	0.060	2.88	15.7	79.2	0.27	2450	6.26	0.07	7.6	2.7
Q934033		76.6	2.84	16.10	0.07	1.2	0.059	2.87	27.5	52.8	0.32	3940	8.29	0.04	7.3	3.0
Q934034		406	3.46	14.60	0.05	1.1	5.92	3.31	23.4	37.5	0.23	1980	2.55	0.24	7.0	2.3
Q934035		17.6	2.83	16.20	0.09	1.3	0.058	2.89	22.6	9.9	0.61	828	0.75	2.04	7.9	3.0
Q934036		17.1	2.77	16.25	0.08	1.4	0.059	3.12	21.4	13.6	0.47	1800	1.24	1.08	7.9	2.8
Q934037		85.5	2.96	15.45	0.08	1.3	0.172	3.42	21.6	12.9	0.56	2090	1.71	0.94	7.5	2.4
Q934038		1.6	0.46	0.25	<0.05	<0.1	0.006	0.03	0.6	1.0	12.25	211	0.22	0.01	0.3	1.7
Q934039		11.4	2.73	16.30	0.10	1.2	0.037	2.69	25.0	11.0	0.67	839	1.97	1.97	7.6	3.1
Q934040		46.4	3.27	16.20	0.10	1.1	0.100	3.28	29.1	22.5	0.24	2810	6.98	0.13	7.6	2.7
Q934041		44.3	2.75	17.55	0.09	1.2	0.056	3.07	22.7	36.7	0.37	1830	3.98	0.25	8.7	3.0
Q934042		21.7	2.98	16.00	0.09	1.1	0.081	3.50	23.4	30.5	0.61	3050	2.64	0.88	7.6	2.7
Q934043		20.5	2.84	15.05	0.11	1.1	0.063	3.41	21.0	26.0	0.60	2870	2.94	0.95	7.1	2.4
Q934044		11.8	2.89	15.85	0.12	1.1	0.045	2.74	24.5	11.3	0.71	816	3.17	2.09	7.6	3.0
Q934045		93.9	2.70	15.80	0.07	1.4	0.036	2.71	28.4	34.4	0.30	1590	1.34	0.53	7.7	2.6
Q934046		1130	4.56	13.90	0.05	1.0	0.331	2.86	23.7	22.2	0.27	2100	1.50	0.03	6.4	2.1
Q934047		2.7	0.48	0.22	<0.05	<0.1	0.006	0.03	0.6	1.0	12.35	225	0.06	<0.01	0.2	1.7
Q934048		53.2	2.82	16.10	0.07	1.2	0.055	3.26	24.8	15.7	0.56	1820	0.34	1.38	7.6	2.7
Q934049		16.4	2.90	15.30	0.06	1.2	0.041	2.79	26.0	73.5	0.46	2340	0.88	0.06	7.1	3.3
Q934050		16.5	2.49	16.55	0.05	1.2	0.057	1.97	28.1	147.5	0.39	1350	0.56	0.03	7.8	2.9
Q934901		114.0	3.59	14.25	0.09	1.2	0.202	2.60	26.8	66.5	0.58	2540	1.28	0.02	6.8	2.6
Q934902		278	6.27	15.15	0.09	1.0	0.789	2.74	25.1	18.9	0.73	1790	8.33	0.12	6.3	12.2
Q934903		12.0	2.16	12.65	0.06	1.0	0.062	2.19	22.8	70.6	0.24	1860	1.63	0.03	5.6	2.4
Q934904		8.8	2.62	16.30	0.07	1.5	0.043	2.23	17.0	49.2	0.38	1020	1.07	0.08	7.9	2.6
Q934905		6.9	2.76	13.75	0.06	1.2	0.049	2.45	17.9	49.6	0.68	1520	1.08	0.05	6.4	2.7
Q934906		50.8	3.03	17.25	0.09	1.6	0.060	2.31	26.9	44.6	0.30	1060	1.63	0.07	8.4	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q934021		520	15.8	93.7	<0.002	0.02	8.59	7.5	1	1.5	150.0	0.62	<0.05	9.5	0.234	1.31
Q934022		590	14.3	127.0	<0.002	0.02	19.45	10.0	1	1.6	115.5	0.69	<0.05	13.0	0.256	1.56
Q934023		570	84.3	173.0	<0.002	0.31	21.9	10.6	1	2.3	118.0	0.61	0.15	18.5	0.238	2.82
Q934024		510	486	162.0	0.003	2.69	26.6	8.8	1	5.6	107.0	0.48	0.31	10.7	0.211	2.36
Q934025		230	911	66.3	<0.002	0.19	70.0	3.5	<1	2.2	28.5	0.21	0.96	3.7	0.082	1.18
Q934026		550	271	170.5	<0.002	0.08	58.3	10.4	1	2.1	94.5	0.66	0.06	12.6	0.255	2.91
Q934027		560	26.1	108.5	<0.002	0.01	4.07	10.5	1	1.8	321	0.65	<0.05	11.3	0.256	1.23
Q934028		500	14.0	127.0	<0.002	0.01	3.64	8.8	1	1.6	258	0.65	<0.05	16.6	0.218	1.42
Q934029		600	30.9	188.5	<0.002	0.13	13.00	10.1	1	2.1	142.0	0.64	<0.05	12.5	0.258	2.68
Q934030		570	16.6	123.5	<0.002	0.02	4.15	9.1	<1	1.5	313	0.55	<0.05	9.9	0.239	1.47
Q934031		570	97.8	133.0	<0.002	0.08	46.0	9.5	1	1.6	107.5	0.59	<0.05	9.9	0.243	2.50
Q934032		560	99.9	133.5	<0.002	0.07	47.7	9.8	1	1.8	110.5	0.60	<0.05	9.7	0.244	2.52
Q934033		540	218	167.5	<0.002	0.12	36.9	10.1	1	1.8	103.0	0.60	<0.05	12.6	0.236	2.87
Q934034		500	1510	178.0	<0.002	0.18	176.0	9.2	1	2.0	81.4	0.56	<0.05	11.9	0.228	2.40
Q934035		600	21.6	120.5	<0.002	0.02	3.31	10.1	1	1.4	337	0.66	<0.05	11.6	0.257	1.26
Q934036		540	731	137.0	<0.002	0.05	11.45	9.6	1	1.4	185.0	0.70	<0.05	12.7	0.242	1.61
Q934037		540	1490	162.5	<0.002	0.33	14.70	9.5	1	1.4	163.5	0.68	<0.05	12.0	0.236	2.17
Q934038		180	3.9	1.3	<0.002	<0.01	0.15	0.2	<1	<0.2	46.7	<0.05	<0.05	0.2	<0.005	<0.02
Q934039		600	20.9	119.5	<0.002	0.03	1.79	10.1	1	1.5	341	0.62	<0.05	12.2	0.255	1.15
Q934040		580	117.0	180.5	<0.002	0.37	30.6	10.7	1	2.4	75.5	0.62	<0.05	13.7	0.250	1.92
Q934041		620	24.8	134.5	<0.002	0.03	12.15	10.9	1	2.1	107.0	0.68	0.05	12.2	0.272	1.59
Q934042		580	149.5	175.0	<0.002	0.55	20.9	10.2	1	1.6	196.5	0.60	<0.05	11.7	0.245	2.17
Q934043		550	135.0	158.5	<0.002	0.53	18.25	9.4	1	1.5	206	0.59	<0.05	10.7	0.244	2.00
Q934044		610	20.2	113.5	<0.002	0.03	2.77	10.3	1	1.6	367	0.60	<0.05	11.8	0.261	1.12
Q934045		620	26.7	118.0	<0.002	0.07	29.3	10.4	1	2.2	139.0	0.64	<0.05	16.2	0.264	1.17
Q934046		460	659	183.0	<0.002	2.67	161.0	8.8	<1	2.7	33.2	0.49	0.08	11.3	0.206	2.59
Q934047		180	2.4	1.3	<0.002	0.01	0.40	0.2	<1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	0.02
Q934048		580	30.4	149.0	<0.002	0.20	9.39	9.8	1	1.8	256	0.59	<0.05	13.3	0.248	1.75
Q934049		580	269	147.0	<0.002	0.64	33.8	9.8	1	2.0	154.5	0.61	<0.05	13.3	0.250	2.02
Q934050		590	30.0	107.5	<0.002	0.23	28.1	10.5	1	1.9	120.0	0.65	<0.05	16.7	0.253	1.62
Q934901		500	1680	154.0	<0.002	1.29	61.0	9.3	<1	1.7	81.4	0.57	<0.05	12.0	0.218	2.21
Q934902		510	1300	167.0	<0.002	4.56	66.5	9.4	2	7.9	96.8	0.50	1.18	10.7	0.208	2.48
Q934903		380	121.5	129.5	<0.002	0.17	63.9	7.5	1	1.3	89.6	0.44	<0.05	9.3	0.188	2.05
Q934904		630	12.3	94.7	<0.002	0.06	26.8	10.6	<1	1.8	82.4	0.61	<0.05	9.7	0.268	1.19
Q934905		500	11.4	98.0	<0.002	0.42	19.75	8.5	1	1.4	76.8	0.47	0.07	9.1	0.216	1.91
Q934906		650	11.8	109.0	<0.002	0.09	57.9	12.4	1	1.9	62.0	0.67	<0.05	12.2	0.287	1.07

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
Q934021		2.6	64	11.9	11.3	55	37.8
Q934022		3.1	70	6.1	14.1	69	38.0
Q934023		8.3	71	15.5	17.3	440	36.2
Q934024		5.1	66	5.5	11.3	862	31.6
Q934025		5.1	40	15.9	3.1	329	11.5
Q934026		5.4	72	6.6	15.4	218	38.6
Q934027		2.3	72	2.6	17.0	99	37.9
Q934028		2.5	60	5.3	15.2	69	38.8
Q934029		3.4	73	14.8	15.8	241	38.4
Q934030		2.0	65	3.9	13.9	141	32.5
Q934031		3.2	68	5.8	11.9	472	33.8
Q934032		3.3	67	6.0	11.2	455	34.2
Q934033		4.9	68	6.3	15.7	811	34.0
Q934034		4.8	64	5.3	11.2	1950	31.1
Q934035		2.2	70	3.0	16.0	88	36.9
Q934036		2.6	67	2.5	15.8	300	40.9
Q934037		3.1	64	4.5	13.0	756	36.8
Q934038		0.7	2	0.1	0.8	16	0.5
Q934039		2.6	69	1.4	17.2	59	35.4
Q934040		4.0	71	6.4	16.8	398	32.9
Q934041		2.9	77	4.0	16.9	275	37.0
Q934042		3.5	68	2.2	15.8	250	33.8
Q934043		3.3	66	2.0	14.3	161	31.4
Q934044		2.6	72	1.5	16.6	77	31.8
Q934045		3.9	67	7.8	16.6	574	39.0
Q934046		5.4	60	9.9	8.8	833	29.0
Q934047		0.6	2	0.1	0.7	17	<0.5
Q934048		4.1	70	2.1	16.0	116	35.8
Q934049		4.0	71	4.2	15.0	294	34.5
Q934050		5.7	69	4.1	13.6	186	36.5
Q934901		6.9	61	5.5	12.8	1720	33.8
Q934902		5.3	62	6.1	10.6	2330	30.4
Q934903		4.6	57	5.0	8.8	440	30.0
Q934904		6.3	71	7.4	12.9	72	44.0
Q934905		5.4	62	4.8	12.5	71	35.6
Q934906		7.0	78	8.1	18.0	96	43.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126981

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	Au-GRA22	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

CERTIFICATE WH14126982

Project: KLAZA

P.O. No.: BATCH 174

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126982

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934014		5.55	<0.005	0.08	6.71	8.7	3930	1.26	0.30	2.07	0.06	46.0	1.2	11	9.56	2.5
Q934935		5.35	0.008	0.37	5.98	54.9	660	1.60	0.13	2.68	0.40	47.4	5.9	9	26.6	9.4
Q934936		9.19	0.059	0.10	6.36	18.4	1790	1.46	0.33	2.24	0.16	36.0	7.1	11	12.50	16.0
Q934937		4.91	0.012	0.64	6.22	68.3	1860	1.73	0.46	3.02	1.41	37.9	5.6	11	21.0	11.4
Q934938		8.37	<0.005	0.09	6.82	11.3	2110	1.64	0.26	2.50	0.09	47.9	4.8	11	9.79	18.3
Q934939		3.92	0.026	0.33	6.54	58.1	2190	1.50	0.54	3.15	0.17	48.6	3.1	9	19.40	8.1
Q934940		1.76	0.029	0.40	6.66	71.9	2390	1.48	0.86	3.07	0.18	53.7	3.4	10	19.30	25.8
Q934941		4.47	<0.005	0.09	7.11	7.8	2180	1.72	0.33	2.46	0.12	52.3	5.6	13	9.70	6.7
Q934942		0.30	0.370	4.26	6.62	736	450	1.34	3.33	2.06	10.30	49.0	11.5	23	14.00	324
Q934943		9.54	<0.005	0.07	7.12	9.3	2210	1.63	0.22	2.57	0.12	45.5	6.5	13	8.73	14.2
Q934944		11.86	<0.005	0.09	6.71	14.5	1630	1.66	1.11	2.87	0.10	41.6	4.4	11	21.1	32.6
Q934945		5.64	0.024	0.79	6.61	24.6	2770	1.46	0.56	2.01	0.84	44.8	6.4	13	17.95	106.0
Q934946		6.05	<0.005	0.22	6.26	19.7	930	1.75	0.24	2.96	0.18	44.7	5.5	29	30.8	13.4
Q934947		11.13	<0.005	0.12	6.44	35.3	1530	1.89	0.12	3.21	0.32	47.8	5.8	21	30.7	7.4
Q934948		11.00	<0.005	0.06	6.77	24.9	1610	1.92	0.07	4.21	0.55	55.0	5.1	17	31.0	3.4
Q934949		9.67	<0.005	0.12	6.73	31.3	940	1.88	0.22	1.96	0.35	51.6	5.4	25	29.0	8.4
Q934950		10.46	<0.005	0.06	7.41	25.9	340	1.48	0.20	1.14	0.24	62.5	5.4	13	17.30	8.8
Q934951		3.26	<0.005	0.07	7.04	32.4	330	1.56	0.19	1.26	0.20	65.8	6.5	13	17.65	13.4
Q934952		0.30	0.866	11.35	6.39	1580	650	1.39	11.60	1.86	31.6	47.2	17.9	17	14.40	289
Q934953		5.05	<0.005	0.34	7.14	35.2	1420	1.43	1.10	1.49	0.37	49.9	6.5	8	21.6	16.9
Q934954		5.30	<0.005	0.23	7.45	29.2	1100	1.69	1.65	1.70	0.29	47.8	5.5	8	27.8	5.8
Q934955		3.84	<0.005	0.45	8.22	128.5	1820	2.08	1.10	2.49	0.33	52.1	5.0	6	29.8	3.8
Q934956		4.76	<0.005	0.01	0.09	<0.2	460	0.07	0.04	20.9	0.06	1.16	0.7	1	0.41	1.7
Q934957		6.01	<0.005	0.08	7.09	7.3	3570	1.56	0.53	2.60	0.10	45.5	4.5	12	10.50	4.8
Q934958		8.69	<0.005	0.09	7.53	11.5	2980	1.75	1.06	3.31	0.08	50.0	3.3	9	11.65	3.6
Q934959		<0.02	<0.005	0.10	7.82	10.7	3030	1.79	1.02	3.41	0.09	51.6	3.2	9	11.80	6.4
Q934960		5.31	<0.005	0.19	7.12	8.3	2100	1.54	0.90	2.43	0.22	41.9	4.0	13	9.56	9.7
Q934961		5.11	0.009	0.38	7.02	20.3	4200	1.50	1.02	2.80	1.94	54.4	15.2	10	10.60	3.1
Q934962		5.54	<0.005	0.01	0.06	0.5	40	0.05	0.03	21.2	0.08	1.18	0.7	1	0.16	1.6
Q934963		7.88	1.590	1.55	8.01	11.5	3570	1.62	21.6	3.38	0.10	58.0	30.7	6	12.60	2.6
Q934964		5.84	<0.005	0.11	7.35	5.8	3150	1.55	1.06	2.45	0.07	51.2	3.9	11	7.42	4.1
Q934965		5.62	0.005	0.16	7.26	18.5	2660	1.55	0.91	2.15	0.06	51.7	4.3	10	7.65	5.6
Q934966		7.66	0.007	0.14	7.09	10.4	2760	1.47	0.53	2.03	0.06	44.6	5.2	12	7.74	3.3
Q934967		4.73	0.015	0.25	7.01	6.4	3060	1.32	0.78	2.17	0.06	50.7	10.0	12	7.44	2.4
Q934968		4.59	0.013	0.45	8.20	14.5	1620	1.21	1.27	2.35	0.05	57.6	15.7	7	9.38	1.8
Q934969		3.51	<0.005	0.11	7.35	6.5	2460	1.63	0.48	2.07	0.10	50.4	5.7	11	8.33	6.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934014		3.35	14.05	0.08	1.3	0.288	3.57	23.1	39.6	0.88	1580	35.2	0.09	7.6	2.4	590
Q934935		2.50	14.25	0.07	1.1	0.056	2.51	24.9	38.5	0.84	1680	2.39	0.02	6.7	2.7	480
Q934936		2.58	16.25	0.09	1.1	0.071	2.82	16.0	22.0	0.61	818	2.72	1.08	8.0	2.7	600
Q934937		2.84	16.45	0.08	1.2	0.103	2.87	17.0	19.9	0.85	1940	1.42	0.94	7.6	2.4	530
Q934938		2.88	16.55	0.10	1.3	0.105	2.64	23.1	9.0	0.72	737	1.77	2.09	7.5	3.3	540
Q934939		3.49	15.55	0.12	1.3	0.171	3.32	24.4	12.7	1.03	2430	3.22	0.63	7.5	2.6	570
Q934940		3.59	16.40	0.14	1.3	0.203	3.35	27.5	13.0	0.99	2290	3.12	0.71	7.8	3.0	550
Q934941		2.76	16.15	0.13	1.8	0.059	3.01	25.3	11.1	0.78	644	3.04	2.23	8.7	2.8	580
Q934942		5.04	14.90	0.12	1.1	0.310	2.96	27.0	26.2	0.78	1950	13.85	0.15	5.8	14.7	510
Q934943		2.68	16.50	0.14	1.7	0.045	2.84	21.9	14.5	0.73	515	13.05	2.31	8.3	2.9	600
Q934944		3.05	17.50	0.13	1.6	0.132	2.30	19.0	17.0	0.80	770	11.70	2.36	8.3	2.8	580
Q934945		2.28	13.65	0.14	1.8	0.102	3.17	22.6	18.0	0.60	587	8.51	1.42	7.3	4.6	500
Q934946		2.06	18.40	0.13	4.3	0.024	2.60	21.2	57.5	0.78	420	1.17	0.94	8.6	20.6	630
Q934947		1.97	19.05	0.15	2.9	0.028	2.43	22.5	99.0	0.77	409	2.02	0.30	8.8	14.5	730
Q934948		2.16	18.15	0.14	2.6	0.031	2.44	27.7	52.0	1.09	526	1.16	0.07	8.4	12.1	730
Q934949		2.02	19.95	0.12	3.9	0.034	2.20	24.7	79.0	0.75	488	1.94	0.05	9.4	17.6	700
Q934950		2.29	20.1	0.12	3.5	0.033	1.26	31.8	109.5	0.63	507	1.63	0.03	11.1	5.1	980
Q934951		2.27	18.90	0.13	3.6	0.032	1.09	33.6	109.0	0.57	518	1.41	0.03	10.1	7.0	940
Q934952		6.37	15.05	0.14	1.0	0.820	2.85	24.0	19.4	0.77	1810	8.88	0.12	6.1	12.4	540
Q934953		2.80	15.95	0.14	2.3	0.092	2.97	24.9	42.8	0.69	726	3.02	0.29	8.3	4.0	600
Q934954		2.92	19.15	0.14	2.1	0.110	2.77	23.1	51.2	0.66	989	0.72	0.18	9.2	2.6	600
Q934955		3.55	20.2	0.16	2.0	0.099	3.31	24.4	24.1	0.97	1600	0.64	0.94	10.0	4.1	690
Q934956		0.48	0.32	0.15	0.2	0.005	0.04	0.5	1.6	13.05	215	0.09	<0.01	0.2	1.6	180
Q934957		2.64	15.25	0.18	1.6	0.052	3.08	22.2	9.9	0.71	672	3.00	2.23	8.0	2.4	570
Q934958		3.56	18.15	0.16	1.9	0.139	2.80	23.5	11.5	0.81	1050	1.92	2.38	8.8	2.8	580
Q934959		3.65	18.20	0.15	1.9	0.138	2.87	24.3	11.9	0.86	1080	1.59	2.46	9.0	2.8	600
Q934960		3.14	15.85	0.15	1.3	0.186	3.70	19.7	12.1	0.69	995	5.36	1.38	8.1	2.5	660
Q934961		4.79	15.05	0.15	1.4	0.199	3.12	29.5	21.8	0.78	2170	4.71	0.62	7.9	2.4	550
Q934962		0.48	0.22	0.14	<0.1	0.006	0.03	0.5	1.1	13.05	216	0.11	0.01	0.1	1.6	170
Q934963		5.38	22.4	0.14	1.8	0.313	2.64	27.0	18.9	0.94	1700	1.67	2.83	10.2	3.3	640
Q934964		3.44	15.80	0.18	1.9	0.203	3.30	25.3	10.6	0.78	934	3.04	2.04	8.6	2.5	580
Q934965		3.30	15.90	0.08	1.7	0.140	3.34	26.9	11.9	0.71	872	0.74	1.72	7.8	2.6	550
Q934966		3.46	14.65	0.08	1.4	0.117	3.51	22.8	10.4	0.71	855	0.77	1.48	7.3	2.3	570
Q934967		4.48	15.40	0.11	1.5	0.299	3.55	25.5	12.8	0.63	1320	0.78	1.30	7.9	2.5	560
Q934968		5.17	18.50	0.08	1.7	0.304	2.64	27.8	19.5	0.77	1720	0.52	2.54	8.9	2.7	660
Q934969		2.89	15.80	0.08	1.9	0.067	3.31	25.9	10.8	0.66	797	0.86	1.60	8.2	2.5	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934014		7.2	148.5	0.003	0.17	6.99	9.6	1	2.4	135.0	0.63	<0.05	12.2	0.248	2.22	3.5
Q934935		14.1	134.0	<0.002	0.24	20.3	9.1	1	1.6	105.5	0.52	<0.05	11.2	0.218	2.44	6.0
Q934936		11.4	103.5	<0.002	0.05	11.35	9.5	1	1.9	190.5	0.64	<0.05	9.3	0.256	1.54	2.9
Q934937		53.2	113.0	<0.002	0.31	9.16	8.7	1	5.4	174.0	0.62	<0.05	9.0	0.240	2.17	4.4
Q934938		14.2	113.5	<0.002	0.05	2.71	10.2	1	4.2	318	0.60	<0.05	11.9	0.238	1.29	4.4
Q934939		11.2	152.0	<0.002	0.39	8.05	9.6	1	2.3	147.0	0.66	<0.05	14.4	0.230	2.60	5.0
Q934940		11.5	164.0	<0.002	0.39	7.96	10.3	1	2.6	157.5	0.67	<0.05	15.6	0.236	2.58	5.4
Q934941		17.9	113.5	<0.002	0.03	3.18	9.9	1	1.5	353	0.76	<0.05	16.8	0.251	1.22	5.6
Q934942		482	159.5	0.002	2.75	27.5	8.8	1	5.6	105.5	0.49	0.33	11.5	0.214	2.42	4.8
Q934943		16.8	99.2	<0.002	0.02	2.11	9.6	1	2.1	404	0.69	<0.05	13.0	0.254	1.03	3.7
Q934944		17.2	80.3	<0.002	0.03	8.32	9.3	1	3.6	326	0.69	<0.05	11.8	0.256	1.06	3.5
Q934945		72.9	126.0	<0.002	0.29	8.77	7.3	1	2.2	277	0.65	<0.05	15.3	0.220	1.33	6.2
Q934946		23.4	72.6	<0.002	0.04	6.56	5.3	<1	1.7	392	0.68	<0.05	8.2	0.251	1.02	4.4
Q934947		23.1	68.1	<0.002	0.10	8.63	5.6	<1	1.6	433	0.69	<0.05	8.0	0.260	1.07	5.0
Q934948		30.6	82.8	<0.002	0.08	7.79	5.6	<1	1.5	518	0.66	<0.05	8.7	0.260	0.93	3.9
Q934949		18.5	68.6	<0.002	0.10	18.45	5.9	1	1.9	266	0.75	<0.05	9.4	0.265	1.06	4.7
Q934950		9.4	46.2	<0.002	0.02	15.80	5.0	<1	1.8	252	0.76	<0.05	9.7	0.298	0.52	3.9
Q934951		9.4	42.2	<0.002	0.04	34.1	5.0	1	1.6	209	0.71	<0.05	9.3	0.291	0.49	6.4
Q934952		1280	162.0	<0.002	4.76	66.5	9.0	1	8.0	95.1	0.50	1.14	11.2	0.208	2.59	5.0
Q934953		21.9	114.5	<0.002	0.17	19.90	9.0	1	3.4	143.5	0.76	<0.05	17.1	0.243	1.44	7.7
Q934954		14.9	112.5	<0.002	0.10	32.8	10.1	1	3.9	132.0	0.83	<0.05	17.9	0.260	1.86	4.4
Q934955		27.7	133.0	<0.002	0.65	18.80	10.6	1	2.1	193.0	0.90	<0.05	18.0	0.289	3.40	9.4
Q934956		1.3	2.0	<0.002	0.01	0.15	0.2	<1	<0.2	53.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q934957		14.2	110.5	<0.002	0.07	4.68	9.0	1	1.7	378	0.70	<0.05	15.5	0.260	1.36	4.2
Q934958		14.2	101.5	<0.002	0.09	6.60	9.9	1	1.8	377	0.82	<0.05	16.5	0.253	1.61	5.3
Q934959		14.1	106.0	<0.002	0.08	6.65	10.1	1	1.9	388	0.84	<0.05	17.0	0.263	1.64	5.6
Q934960		14.1	142.5	<0.002	0.06	4.34	10.2	1	2.0	209	0.70	<0.05	13.0	0.271	2.15	3.9
Q934961		51.5	165.5	<0.002	0.46	10.05	9.5	1	2.4	218	0.70	<0.05	17.4	0.243	2.58	5.9
Q934962		1.5	1.2	<0.002	0.01	0.06	0.2	<1	<0.2	49.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q934963		17.5	103.5	<0.002	0.56	5.06	11.4	1	2.3	298	0.97	0.06	17.5	0.276	1.85	6.4
Q934964		8.9	132.5	<0.002	0.07	3.20	9.5	1	1.8	224	0.81	<0.05	18.1	0.258	1.78	4.2
Q934965		10.3	139.5	<0.002	0.12	3.34	10.1	1	1.8	242	0.69	<0.05	17.2	0.244	1.71	4.4
Q934966		10.8	143.0	<0.002	0.10	3.00	9.6	<1	1.7	232	0.65	0.05	14.6	0.246	1.76	4.7
Q934967		8.1	161.0	<0.002	0.27	3.06	10.2	<1	1.9	179.0	0.84	0.06	17.4	0.237	2.09	4.7
Q934968		7.5	113.0	<0.002	0.43	3.32	11.2	1	2.1	169.5	0.87	0.12	17.8	0.262	2.00	5.8
Q934969		13.3	144.0	<0.002	0.03	3.80	10.0	1	1.6	298	0.73	<0.05	19.3	0.254	1.57	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126982

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934014		64	7.5	12.5	59	41.2
Q934935		64	3.2	14.8	69	31.1
Q934936		70	2.9	12.3	53	31.7
Q934937		67	3.4	14.4	123	37.4
Q934938		70	5.1	17.0	43	38.1
Q934939		64	5.4	16.0	45	37.2
Q934940		63	5.9	17.5	44	37.7
Q934941		66	7.6	18.0	45	56.6
Q934942		64	5.5	12.3	878	31.1
Q934943		68	11.2	15.9	39	56.0
Q934944		69	6.9	15.2	43	50.5
Q934945		54	5.9	13.4	109	62.5
Q934946		48	1.2	9.5	67	170.0
Q934947		48	1.4	11.5	61	108.0
Q934948		47	1.6	12.6	79	92.4
Q934949		50	2.5	11.6	77	151.0
Q934950		46	2.2	9.1	74	129.5
Q934951		43	3.6	10.2	66	140.5
Q934952		60	6.1	12.0	2310	30.8
Q934953		62	3.4	17.0	69	74.5
Q934954		78	4.0	16.9	67	64.4
Q934955		82	4.4	16.6	81	60.9
Q934956		3	0.1	0.8	15	6.8
Q934957		62	25.2	15.7	38	54.0
Q934958		73	9.6	17.3	50	55.9
Q934959		75	10.2	17.9	50	57.3
Q934960		71	7.0	13.3	55	38.5
Q934961		62	17.1	16.1	162	43.3
Q934962		3	0.1	0.8	17	1.2
Q934963		78	6.5	19.5	75	53.6
Q934964		62	5.3	15.4	50	56.8
Q934965		66	3.8	15.8	49	46.1
Q934966		68	4.8	13.0	48	40.0
Q934967		65	10.6	16.1	67	43.8
Q934968		65	7.1	15.9	92	43.1
Q934969		67	2.5	18.1	43	55.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126982

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

CERTIFICATE WH14126983

Project: KLAZA

P.O. No.: BATCH 176

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

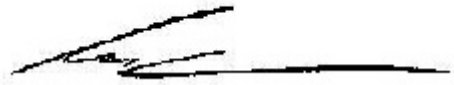
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126983

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935279		1.52	<0.005	0.05	6.02	3.1	2020	1.28	0.33	3.48	0.12	44.3	6.3	7	7.43	4.4
Q935280		6.90	<0.005	0.06	7.29	2.0	1940	1.51	0.14	2.44	0.10	46.4	8.6	9	6.98	5.5
Q935281		3.69	<0.005	0.07	7.09	2.6	1770	1.49	0.14	2.41	0.11	47.0	8.0	9	8.22	7.2
Q935282		2.34	<0.005	0.10	6.13	3.6	1640	1.40	0.12	4.40	0.17	31.7	8.5	7	10.50	19.3
Q935283		5.60	<0.005	<0.01	0.13	0.3	50	0.06	0.02	21.1	0.06	1.61	1.0	2	0.26	1.6
Q935284		6.20	<0.005	0.18	7.12	8.0	1250	1.55	0.16	3.01	0.37	49.5	8.2	9	12.20	12.4
Q935285		4.16	0.005	0.12	6.96	9.4	1850	1.41	0.20	2.88	0.16	44.5	8.2	8	8.59	8.4
Q935286		5.60	<0.005	0.16	6.96	5.2	1720	1.42	0.16	2.77	0.08	45.7	7.6	9	8.82	8.3
Q935287		2.38	<0.005	0.08	6.96	4.0	1270	1.44	0.12	2.36	0.07	42.0	8.2	7	8.81	8.2
Q935288		0.36	0.939	11.40	6.35	1530	170	1.38	11.90	1.79	33.9	47.2	18.0	19	14.25	285
Q935289		1.35	<0.005	0.20	6.70	10.3	1380	1.59	0.15	3.04	0.08	43.0	6.8	7	15.60	10.4
Q935290		3.30	<0.005	0.05	7.10	2.6	2050	1.50	0.13	2.46	0.09	42.3	7.5	10	6.99	6.0
Q935291		2.66	<0.005	0.15	6.75	6.8	2360	1.47	0.21	2.78	0.11	42.2	7.9	8	10.20	4.8
Q935292		5.40	<0.005	0.05	6.56	2.9	1700	1.42	0.13	2.55	0.10	43.9	7.6	9	7.64	4.2
Q935293		4.32	0.007	0.23	6.48	6.6	1020	1.36	0.13	3.40	0.91	43.5	7.9	8	10.20	7.2
Q935294		5.53	<0.005	0.02	0.06	0.5	410	0.06	0.01	19.75	0.06	0.99	0.7	1	0.43	1.5
Q935295		4.68	<0.005	0.06	6.74	3.5	2240	1.36	0.15	3.12	0.11	49.5	8.2	14	9.85	5.4
Q935296		4.14	<0.005	0.06	6.50	5.5	2380	1.46	0.12	3.12	0.11	44.7	7.9	8	8.91	4.3
Q935297		4.91	<0.005	0.06	6.80	3.8	1520	1.43	0.11	2.80	0.10	42.7	7.2	9	12.00	7.4
Q935298		5.10	<0.005	0.09	6.80	10.0	2330	1.33	0.13	3.31	0.11	43.3	7.5	10	7.87	5.8
Q935299		4.49	<0.005	0.12	6.28	22.2	2040	1.28	0.12	2.78	0.10	45.1	7.0	8	8.48	5.9
Q935300		<0.02	<0.005	0.12	6.56	23.0	2010	1.36	0.11	2.85	0.11	45.1	7.1	9	8.54	5.7
Q935301		2.79	<0.005	0.06	6.84	5.0	1710	1.52	0.11	2.50	0.07	41.8	7.8	8	9.08	4.5
Q935302		7.98	<0.005	0.13	6.32	7.4	2020	1.35	0.12	2.84	0.32	36.7	7.6	8	9.91	9.2
Q935303		5.43	<0.005	0.07	6.51	12.1	1620	1.27	0.15	3.14	0.14	36.7	7.9	9	10.90	4.9
Q935304		0.30	0.339	4.35	6.53	691	440	1.37	3.33	1.94	10.60	48.8	11.9	23	12.80	291
Q935305		1.87	0.098	1.05	6.87	445	1440	1.42	0.30	2.14	2.44	48.3	9.2	12	12.90	9.8
Q935306		7.62	<0.005	0.05	6.25	4.1	2670	1.38	0.17	2.70	0.08	33.5	8.1	9	9.03	5.5
Q935307		4.63	<0.005	0.05	6.42	3.5	2830	1.39	0.11	2.95	0.07	33.1	7.9	8	8.65	5.4
Q935308		2.05	<0.005	0.04	6.20	2.9	2860	1.36	0.10	2.98	0.07	30.2	7.5	8	8.49	6.8
Q935309		3.73	<0.005	0.19	6.39	32.4	1790	1.36	0.17	3.15	0.40	36.3	7.6	6	8.18	7.2
Q935310		8.87	0.007	0.91	6.90	42.8	1290	1.43	0.16	3.12	0.68	43.8	7.7	7	12.65	14.7
Q935311		5.56	<0.005	0.32	6.50	16.0	1270	1.33	0.14	3.19	3.28	41.3	7.3	7	12.00	5.4
Q935312		1.46	<0.005	1.13	7.03	99.6	520	1.51	0.18	2.34	2.31	45.5	7.6	6	16.80	7.1
Q935313		2.66	0.625	81.8	5.58	1570	890	1.16	0.24	2.81	68.1	40.4	7.9	<1	12.00	120.0
Q935314		4.96	0.059	0.92	6.94	271	1170	1.42	0.24	2.38	1.53	48.0	9.0	6	12.95	11.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935279		2.70	13.15	0.05	1.0	0.040	1.68	23.6	15.9	0.45	1030	0.40	1.39	5.9	2.2	500
Q935280		2.99	15.75	0.07	1.2	0.037	2.29	23.0	11.5	0.83	768	0.21	2.32	7.4	2.6	640
Q935281		2.82	15.65	0.08	1.3	0.035	2.45	24.3	13.8	0.64	672	0.36	1.94	7.3	2.6	600
Q935282		3.24	15.20	0.06	1.1	0.038	2.38	15.6	35.8	0.31	1020	0.79	0.96	6.5	2.6	570
Q935283		0.53	0.32	0.05	<0.1	<0.005	0.03	0.8	0.9	12.90	224	0.12	0.03	0.4	2.5	190
Q935284		3.05	16.45	0.09	1.4	0.040	2.65	24.3	23.5	0.75	1840	0.90	0.87	7.8	2.6	640
Q935285		2.88	15.85	0.11	1.3	0.046	2.56	22.1	27.5	0.70	1080	0.63	1.54	7.4	2.5	610
Q935286		2.82	15.60	0.07	1.2	0.034	2.54	23.4	21.1	0.76	865	1.21	1.64	7.3	2.5	600
Q935287		2.88	15.75	0.08	1.2	0.041	2.43	20.9	26.3	0.80	857	0.64	1.43	7.2	2.5	580
Q935288		6.23	15.45	0.07	1.1	0.844	2.75	24.4	19.0	0.73	1820	9.48	0.12	6.2	12.3	510
Q935289		2.30	14.25	0.08	1.1	0.038	2.11	22.0	12.9	0.70	750	0.62	1.54	6.8	2.2	570
Q935290		2.77	15.00	0.08	1.0	0.037	2.54	21.1	17.6	0.72	662	0.30	1.80	7.0	2.4	640
Q935291		2.71	15.30	0.05	1.0	0.039	2.27	21.2	16.0	0.82	952	0.14	1.66	6.7	2.4	550
Q935292		2.69	14.55	0.07	1.1	0.035	2.01	22.0	17.4	0.69	850	0.21	1.82	7.0	2.4	580
Q935293		2.84	14.30	0.08	1.0	0.042	2.39	22.5	27.6	1.11	2010	0.17	0.67	6.7	2.4	570
Q935294		0.45	0.22	<0.05	<0.1	<0.005	0.03	0.5	0.9	12.00	204	0.06	<0.01	0.1	1.5	160
Q935295		2.97	14.95	0.07	1.2	0.043	2.15	24.7	23.5	0.88	1080	0.18	1.84	7.5	2.5	620
Q935296		2.62	15.20	0.08	1.1	0.035	2.11	22.6	13.7	0.85	884	0.14	1.95	7.0	2.3	560
Q935297		2.69	14.45	0.07	1.1	0.034	2.64	21.1	21.6	0.79	800	0.22	1.16	6.8	2.3	570
Q935298		2.84	14.55	0.06	1.2	0.034	2.21	21.8	15.5	0.91	1010	0.22	1.94	6.9	2.3	570
Q935299		2.42	14.15	0.06	1.1	0.032	2.18	23.0	52.5	0.83	809	0.17	1.56	6.7	2.3	530
Q935300		2.50	14.25	0.08	1.2	0.035	2.24	23.3	53.2	0.85	830	0.29	1.60	6.7	2.3	550
Q935301		2.66	15.65	0.07	1.2	0.038	2.55	20.5	22.1	0.65	763	0.17	1.92	7.4	2.5	590
Q935302		2.83	14.55	0.06	1.2	0.037	2.68	18.7	23.4	0.82	1960	0.23	1.27	7.1	2.8	570
Q935303		3.09	14.70	0.05	1.0	0.047	2.87	18.3	10.4	0.88	1580	0.20	1.11	7.0	2.7	640
Q935304		4.85	15.00	0.06	1.1	0.296	2.84	28.0	26.1	0.73	1800	13.40	0.15	5.9	14.4	500
Q935305		3.22	15.20	0.08	0.9	0.065	2.95	24.8	33.4	0.56	2430	0.30	0.81	6.8	2.7	600
Q935306		2.79	15.25	0.05	1.0	0.038	2.54	15.8	15.5	0.76	889	0.16	1.84	7.0	2.8	610
Q935307		2.82	15.80	0.06	0.9	0.039	2.68	15.0	12.6	0.71	895	0.17	1.59	7.0	2.6	620
Q935308		2.77	15.35	0.05	0.9	0.045	2.61	13.6	11.6	0.69	922	0.14	1.56	6.7	2.6	610
Q935309		2.94	15.05	0.09	0.9	0.042	2.94	17.0	12.1	0.75	2210	0.17	0.76	7.0	2.5	630
Q935310		2.88	15.60	0.06	1.1	0.042	3.46	21.7	12.1	0.81	2580	0.21	0.04	7.4	2.6	620
Q935311		2.91	14.40	0.08	1.1	0.044	3.24	20.5	17.7	0.81	3840	0.13	0.04	7.0	2.6	580
Q935312		3.07	15.35	0.08	1.1	0.045	3.35	23.3	16.8	0.80	4710	0.26	0.03	7.3	2.7	670
Q935313		3.82	12.40	0.07	0.9	0.066	2.56	22.5	10.8	0.83	22400	5.42	0.02	5.5	2.2	460
Q935314		2.72	15.70	0.09	1.0	0.046	3.27	25.5	20.0	0.80	3850	1.36	0.02	7.0	2.7	590

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935279		13.9	79.9	<0.002	0.04	3.71	9.5	<1	1.5	171.5	0.49	<0.05	10.7	0.219	0.99	1.6
Q935280		17.4	86.6	<0.002	0.02	1.88	11.2	1	1.4	267	0.63	<0.05	11.7	0.281	0.97	1.4
Q935281		16.8	94.1	<0.002	0.01	1.77	11.1	1	1.5	267	0.62	<0.05	12.6	0.270	0.95	1.5
Q935282		13.1	80.9	<0.002	0.03	2.93	9.1	1	1.6	134.0	0.53	<0.05	8.6	0.253	1.04	2.0
Q935283		1.4	1.7	<0.002	0.01	<0.05	0.3	<1	<0.2	52.0	<0.05	<0.05	<0.2	0.010	<0.02	0.6
Q935284		20.8	112.5	<0.002	0.14	5.30	11.7	1	1.7	163.0	0.65	0.06	11.9	0.284	1.59	3.6
Q935285		15.8	105.5	<0.002	0.13	3.44	11.0	1	1.5	194.0	0.63	0.06	11.7	0.271	1.32	4.3
Q935286		14.7	99.6	<0.002	0.17	2.86	10.9	1	1.4	241	0.60	0.17	11.4	0.271	1.10	3.3
Q935287		12.8	93.2	<0.002	0.04	3.23	10.3	1	1.3	186.5	0.60	<0.05	11.2	0.258	1.18	2.8
Q935288		1285	163.5	0.002	4.53	67.0	9.3	2	8.1	96.4	0.52	1.14	11.0	0.207	2.57	5.5
Q935289		11.4	90.7	<0.002	0.06	2.88	10.0	1	1.2	184.5	0.58	<0.05	10.7	0.253	1.00	7.7
Q935290		16.7	93.5	<0.002	0.03	1.69	11.0	1	1.4	249	0.55	<0.05	10.9	0.272	0.99	2.1
Q935291		12.9	100.0	<0.002	0.11	2.34	10.0	1	1.4	199.5	0.55	<0.05	11.0	0.251	1.28	4.9
Q935292		13.7	83.7	<0.002	0.04	2.43	10.5	1	1.3	233	0.57	<0.05	10.8	0.256	0.98	2.4
Q935293		36.8	104.5	<0.002	0.15	5.68	10.2	<1	1.5	171.0	0.54	<0.05	10.4	0.254	1.38	3.2
Q935294		1.2	1.6	<0.002	0.01	0.06	0.1	<1	<0.2	52.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
Q935295		19.5	81.4	<0.002	0.04	2.12	12.6	1	1.9	322	0.62	<0.05	12.0	0.276	0.86	3.4
Q935296		15.1	86.1	<0.002	0.06	2.47	10.1	1	1.3	306	0.59	<0.05	10.7	0.253	0.98	5.2
Q935297		15.3	104.5	<0.002	0.03	3.91	10.2	1	1.4	218	0.57	<0.05	10.9	0.262	1.16	3.2
Q935298		15.4	89.8	<0.002	0.11	2.44	10.0	1	1.3	291	0.62	<0.05	11.7	0.249	1.02	3.9
Q935299		13.3	98.0	<0.002	0.15	3.37	9.8	1	1.3	200	0.55	<0.05	12.2	0.234	1.20	4.0
Q935300		13.7	100.5	<0.002	0.15	3.48	9.8	1	1.3	204	0.60	<0.05	12.1	0.243	1.24	4.1
Q935301		18.4	103.0	<0.002	0.04	3.04	10.7	<1	1.4	250	0.60	<0.05	10.8	0.261	1.28	3.1
Q935302		28.5	105.0	<0.002	0.09	4.53	9.7	1	1.6	182.5	0.63	<0.05	9.9	0.246	1.64	3.2
Q935303		14.6	125.5	<0.002	0.13	4.28	10.4	1	1.7	182.0	0.52	<0.05	8.6	0.276	1.98	3.0
Q935304		460	164.0	0.003	2.59	26.9	8.9	2	5.7	104.5	0.47	0.28	10.7	0.198	2.36	5.0
Q935305		83.5	135.5	<0.002	1.09	14.40	10.6	1	2.0	191.5	0.52	<0.05	9.2	0.261	1.80	3.4
Q935306		15.3	100.5	<0.002	0.05	3.09	9.8	1	1.6	259	0.54	<0.05	7.3	0.257	1.50	2.3
Q935307		10.0	107.5	<0.002	0.07	2.59	9.7	1	1.5	227	0.53	<0.05	6.8	0.270	1.53	2.0
Q935308		9.5	99.8	<0.002	0.07	2.76	9.2	1	1.4	214	0.50	<0.05	6.3	0.256	1.54	2.2
Q935309		18.3	123.0	<0.002	0.25	5.38	9.7	1	1.5	157.5	0.55	<0.05	8.1	0.268	1.80	4.0
Q935310		22.3	158.0	<0.002	0.26	9.49	10.7	1	1.5	132.5	0.63	<0.05	11.4	0.265	2.57	5.3
Q935311		71.4	136.0	<0.002	0.17	5.68	9.5	1	1.4	130.0	0.63	<0.05	10.9	0.253	2.38	3.6
Q935312		61.2	150.0	<0.002	0.25	7.49	10.6	1	1.5	118.5	0.62	<0.05	11.8	0.265	2.63	6.5
Q935313		4970	171.0	<0.002	2.12	133.5	8.4	1	4.2	96.2	0.47	<0.05	10.4	0.199	2.26	9.0
Q935314		57.0	179.5	<0.002	0.88	14.15	10.4	1	2.2	116.5	0.58	<0.05	12.5	0.258	2.62	8.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126983

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935279		66	1.1	15.6	116	23.9
Q935280		79	1.3	15.7	69	31.4
Q935281		74	1.2	16.7	55	32.8
Q935282		77	1.3	12.4	62	28.8
Q935283		4	0.1	0.9	17	1.2
Q935284		81	1.8	17.1	73	34.2
Q935285		76	1.7	13.9	63	33.3
Q935286		74	1.4	13.4	55	29.7
Q935287		73	1.9	12.3	60	29.5
Q935288		62	6.2	11.8	2340	29.9
Q935289		67	1.8	14.0	50	28.7
Q935290		74	1.4	11.5	59	26.2
Q935291		73	1.4	11.1	101	24.4
Q935292		70	1.2	11.0	92	23.5
Q935293		69	1.7	12.3	152	25.5
Q935294		2	0.1	0.7	15	<0.5
Q935295		76	1.2	13.7	114	28.7
Q935296		71	1.1	11.4	75	27.4
Q935297		73	1.8	12.1	63	26.8
Q935298		72	1.4	12.0	62	27.4
Q935299		65	1.6	10.6	63	29.7
Q935300		67	1.8	10.6	64	28.7
Q935301		72	1.7	11.4	69	28.9
Q935302		69	1.5	10.0	82	30.9
Q935303		78	1.8	10.6	77	24.1
Q935304		62	5.3	11.3	802	32.3
Q935305		73	3.2	11.2	265	23.0
Q935306		75	1.3	9.5	65	22.8
Q935307		79	1.6	8.4	56	21.5
Q935308		76	1.5	8.0	56	22.2
Q935309		79	1.6	9.7	85	22.6
Q935310		77	2.2	12.7	107	28.4
Q935311		69	1.8	11.4	332	28.5
Q935312		72	2.0	13.5	239	29.3
Q935313		58	2.7	13.0	4680	21.8
Q935314		75	2.6	12.3	208	27.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126983

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

CERTIFICATE WH14126984

Project: KLAZA

P.O. No.: BATCH 177

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

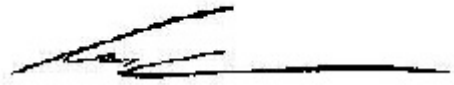
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126984

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934970		5.64	0.173	1.62	7.32	95.9	600	1.30	1.10	2.11	0.31	50.1	22.1	12	8.79	3.7
Q934971		2.52	0.142	0.68	8.08	116.5	580	1.38	1.95	2.24	0.28	52.8	56.8	5	14.05	2.9
Q934972		7.65	0.139	0.62	7.15	78.2	340	1.51	1.30	2.62	0.10	51.8	36.3	7	14.60	5.3
Q934973		6.27	0.055	0.64	6.37	176.5	780	1.50	1.05	2.26	0.89	45.3	8.9	7	16.95	10.0
Q934974		2.49	<0.005	0.23	6.40	34.7	5520	1.50	0.71	2.95	0.48	47.4	6.3	8	17.60	2.7
Q934975		<0.02	<0.005	0.24	6.52	35.9	5530	1.62	0.74	2.97	0.49	49.8	6.6	8	18.55	5.3
Q934976		3.55	<0.005	0.23	6.52	27.7	1980	1.31	0.47	2.74	0.27	40.2	8.6	9	19.25	7.8
Q934977		6.01	<0.005	0.18	6.99	19.3	2170	1.50	0.69	2.49	0.16	39.1	4.3	11	17.55	8.9
Q934978		4.27	0.061	1.57	8.06	202	1110	1.76	2.82	2.34	0.71	53.5	3.0	8	13.95	5.3
Q934979		3.44	0.010	1.40	7.95	202	1420	2.30	1.19	1.85	8.42	49.6	2.7	8	33.3	4.8
Q934980		0.30	0.822	11.40	6.40	1565	440	1.38	11.65	1.79	32.2	46.1	16.8	17	13.10	275
Q934981		5.00	0.121	6.97	9.71	801	550	2.35	1.28	2.26	12.30	48.0	3.3	7	26.9	27.6
Q934982		7.42	<0.005	0.14	7.99	12.3	2140	1.29	0.31	1.17	0.21	55.2	5.8	11	13.20	6.0
Q934983		10.56	0.013	0.12	7.71	14.8	1930	1.44	0.27	0.99	0.18	51.9	7.8	10	16.45	5.4
Q934984		12.72	<0.005	0.08	6.88	7.6	2080	1.40	0.26	1.98	0.11	42.1	5.7	12	12.40	7.5
Q934985		10.98	<0.005	0.10	7.58	9.3	2120	1.33	0.26	1.45	0.11	45.5	4.4	12	11.20	7.0
Q934986		6.51	<0.005	0.21	7.52	8.4	1830	1.17	0.51	1.28	0.12	51.3	7.7	11	9.80	6.6
Q934987		3.46	<0.005	0.14	7.41	9.6	1720	1.12	0.36	1.13	0.13	50.7	6.3	11	9.77	5.3
Q934988		5.83	0.020	0.36	7.75	38.8	720	1.42	0.64	2.70	0.35	46.5	5.8	5	17.05	2.3
Q934989		5.07	0.013	9.58	4.87	145.5	530	1.23	0.24	4.96	6.57	35.3	5.1	17	17.85	13.8
Q934990		5.59	<0.005	0.03	0.10	<0.2	20	0.05	0.02	20.3	0.09	1.09	0.8	2	0.29	1.0
Q934991		7.68	<0.005	0.10	7.28	5.1	2130	1.48	0.48	2.52	0.08	48.7	7.1	13	6.98	10.2
Q934992		11.12	<0.005	0.07	7.34	3.5	2220	1.64	0.26	2.60	0.07	48.4	7.6	12	4.93	13.5
Q934993		11.85	0.019	0.12	7.72	6.0	2120	1.56	0.19	2.62	0.89	48.3	7.3	13	5.82	21.2
Q934994		8.05	0.006	0.93	7.83	31.0	2330	1.65	0.28	2.48	3.01	53.7	7.4	12	8.34	15.4
Q934995		0.30	1.650	39.7	5.84	2560	580	1.10	35.4	1.65	44.0	35.7	15.8	20	9.52	1200
Q934996		1.92	1.715	>100	5.99	7660	440	1.16	0.60	1.67	113.0	39.4	34.4	12	13.50	148.0
Q934997		3.78	<0.005	0.24	7.60	67.1	2160	1.69	0.05	4.29	0.37	68.8	10.1	38	41.8	37.3
Q934998		2.40	0.033	3.56	7.48	162.0	1320	1.77	0.21	2.35	2.42	50.2	8.3	10	31.1	25.0
Q934999		2.31	1.370	21.0	6.05	4520	480	1.08	5.97	2.36	25.0	37.9	17.5	8	9.12	30.5
Q935000		5.52	<0.005	0.04	0.07	3.9	30	0.07	0.03	20.8	0.09	1.18	0.7	1	0.18	4.7
Q935001		4.86	0.007	0.14	7.84	19.6	2010	1.28	0.32	1.79	0.14	53.2	9.0	11	16.65	8.7
Q935002		4.09	0.025	0.15	7.73	16.5	2090	1.27	0.67	1.58	0.40	51.3	12.6	12	12.65	20.8
Q935003		10.08	<0.005	0.11	7.98	7.5	2290	1.63	0.16	2.77	0.10	50.5	7.5	16	6.87	13.4
Q935004		8.72	<0.005	0.08	7.72	8.6	2210	1.66	0.21	2.59	0.08	48.6	8.3	12	11.25	11.8
Q935005		2.70	<0.005	0.09	7.92	8.3	2140	1.32	0.18	2.11	0.14	50.6	7.6	12	17.75	15.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126984

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934970		4.46	14.20	0.07	1.5	0.242	3.45	26.8	15.3	0.75	3130	1.16	0.04	7.9	3.2	570
Q934971		7.18	16.15	0.10	1.7	0.348	3.96	28.8	15.8	0.85	4370	1.28	0.03	8.0	3.4	590
Q934972		5.81	15.10	0.09	1.8	0.268	3.27	25.9	48.6	0.83	2340	0.96	0.07	7.8	2.6	550
Q934973		3.59	12.90	0.07	1.3	0.175	3.04	24.4	26.7	0.77	1840	3.51	0.03	6.4	2.7	490
Q934974		2.93	14.70	0.07	1.2	0.068	2.40	24.8	52.1	0.96	1580	0.37	0.02	7.4	2.7	530
Q934975		3.00	15.25	0.06	1.2	0.069	2.44	26.2	54.2	0.98	1620	0.43	0.02	7.8	2.9	550
Q934976		2.67	14.85	0.06	1.1	0.063	3.19	19.8	28.6	0.83	1000	0.55	0.46	6.9	2.6	550
Q934977		3.07	16.05	0.08	1.3	0.080	3.34	18.1	29.0	0.68	940	0.71	1.17	8.1	2.9	620
Q934978		5.19	22.0	0.10	1.1	0.260	3.73	26.9	27.0	0.96	2650	0.37	0.50	7.8	3.0	630
Q934979		4.01	20.5	0.06	1.2	0.124	2.93	25.4	75.0	0.71	2310	0.49	0.96	7.9	2.9	620
Q934980		6.20	14.70	0.08	1.0	0.780	2.80	24.9	18.7	0.74	1750	8.65	0.12	5.9	12.0	520
Q934981		4.78	27.8	0.07	1.5	0.143	3.03	22.0	80.6	0.79	4860	0.39	0.69	10.7	3.2	840
Q934982		2.76	16.85	0.09	1.4	0.039	3.14	29.9	24.5	0.46	1030	0.91	0.54	8.1	2.6	650
Q934983		3.01	16.35	0.09	1.3	0.055	2.97	27.7	31.2	0.64	778	0.67	1.37	7.6	3.0	610
Q934984		2.81	14.85	0.09	1.1	0.053	2.84	21.1	14.2	0.65	602	0.72	2.02	7.2	2.7	590
Q934985		2.96	16.05	0.13	1.2	0.078	3.26	23.8	19.2	0.55	892	0.75	0.81	7.5	2.7	590
Q934986		3.03	15.10	0.08	1.2	0.117	2.95	27.8	32.3	0.57	1060	1.28	0.06	7.3	2.4	600
Q934987		2.90	15.15	0.11	1.2	0.104	2.91	27.5	33.8	0.51	979	1.07	0.06	7.4	2.4	600
Q934988		4.60	18.40	0.10	1.2	0.287	3.13	23.0	102.0	1.02	2390	0.20	0.03	8.4	2.8	660
Q934989		2.11	11.00	0.06	0.9	0.053	2.07	20.1	48.6	0.71	1930	0.86	0.02	4.9	2.2	330
Q934990		0.46	0.19	<0.05	<0.1	<0.005	0.02	0.5	1.7	12.45	208	0.13	<0.01	0.2	2.2	180
Q934991		2.85	16.05	0.08	1.4	0.054	2.69	23.9	11.8	0.79	673	1.35	2.28	7.9	3.0	600
Q934992		2.94	16.40	0.08	1.4	0.042	2.65	23.8	12.3	0.84	677	1.15	2.38	8.2	3.1	630
Q934993		2.92	17.20	0.10	1.4	0.049	2.79	24.3	12.6	0.83	656	1.33	2.42	8.0	3.1	610
Q934994		2.98	17.25	0.12	1.4	0.047	2.99	27.2	14.0	0.81	1160	1.00	2.16	8.1	3.2	610
Q934995		8.88	13.90	0.05	0.9	1.535	2.64	18.2	15.3	0.67	2360	16.35	0.06	4.4	14.5	460
Q934996		4.87	13.90	0.08	1.3	0.263	2.62	19.6	24.7	0.65	4140	5.58	0.07	6.1	6.9	670
Q934997		3.51	19.30	0.11	3.9	0.040	2.18	33.9	112.0	1.31	1040	1.11	0.37	10.7	17.4	1770
Q934998		2.43	16.45	0.10	1.3	0.061	3.48	26.1	22.0	0.73	3080	1.48	0.05	7.4	4.2	600
Q934999		5.18	14.05	0.07	0.8	0.192	2.92	19.5	13.9	0.71	4870	1.75	0.02	5.6	3.2	450
Q935000		0.47	0.25	<0.05	<0.1	<0.005	<0.01	0.6	1.1	12.75	213	0.07	0.01	0.1	1.6	200
Q935001		3.01	17.25	0.09	1.2	0.080	3.32	27.4	24.7	0.57	994	2.81	0.37	8.1	2.9	640
Q935002		3.63	16.95	0.07	1.3	0.139	3.29	27.0	34.0	0.62	1360	1.64	0.43	7.7	3.2	610
Q935003		3.09	17.35	0.09	1.4	0.037	2.79	24.7	16.5	0.91	710	2.36	2.46	8.3	3.3	700
Q935004		2.96	17.40	0.11	1.3	0.047	2.81	23.9	16.2	0.74	694	1.20	2.20	8.1	3.3	630
Q935005		2.94	17.95	0.10	1.5	0.035	2.88	25.3	30.2	0.53	725	1.35	0.89	8.5	3.2	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126984

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934970		23.7	200	<0.002	1.34	12.80	9.3	1	2.1	189.0	0.67	0.12	16.6	0.239	3.02	4.4
Q934971		13.7	235	<0.002	3.89	11.20	9.9	1	3.5	51.4	0.70	0.22	20.6	0.244	3.72	11.4
Q934972		9.4	172.5	<0.002	2.51	7.41	9.5	1	3.1	113.5	0.69	0.07	17.0	0.225	3.01	5.4
Q934973		37.8	193.0	<0.002	1.31	12.50	8.4	1	2.1	115.0	0.55	0.05	14.9	0.213	2.75	4.9
Q934974		19.8	115.0	<0.002	0.45	22.1	9.4	1	1.7	188.0	0.64	<0.05	14.2	0.236	2.46	5.0
Q934975		20.8	120.5	<0.002	0.45	22.9	9.9	1	1.9	190.0	0.67	<0.05	15.5	0.239	2.53	5.2
Q934976		15.7	122.0	<0.002	0.24	10.20	9.0	1	1.7	191.5	0.50	<0.05	9.6	0.242	2.38	3.6
Q934977		17.4	129.0	<0.002	0.11	8.85	10.1	1	1.9	235	0.63	<0.05	9.0	0.270	2.19	2.9
Q934978		239	189.5	<0.002	1.38	13.15	11.8	1	2.9	124.5	0.63	<0.05	12.5	0.258	3.26	6.4
Q934979		165.5	139.5	<0.002	0.52	26.9	10.4	1	2.3	186.5	0.62	<0.05	13.9	0.267	2.45	3.5
Q934980		1235	167.0	<0.002	4.56	66.6	8.9	2	8.0	93.4	0.51	1.15	11.0	0.208	2.55	5.1
Q934981		1045	138.5	<0.002	1.12	97.2	12.9	1	3.5	147.0	0.91	<0.05	12.8	0.366	3.09	5.9
Q934982		20.3	138.0	<0.002	0.09	22.9	11.2	1	1.9	137.0	0.67	<0.05	15.8	0.275	1.63	3.4
Q934983		21.6	124.5	<0.002	0.09	20.2	10.6	1	2.1	179.5	0.59	<0.05	16.0	0.259	1.43	3.4
Q934984		15.7	98.4	<0.002	0.01	6.85	9.2	1	1.8	310	0.55	<0.05	11.0	0.249	1.21	3.1
Q934985		17.0	128.0	<0.002	0.04	13.20	9.8	1	1.9	167.5	0.57	<0.05	12.4	0.246	1.52	2.7
Q934986		11.2	126.0	<0.002	0.17	20.2	9.6	1	2.0	93.9	0.58	<0.05	15.6	0.254	1.65	3.4
Q934987		10.6	127.5	<0.002	0.12	23.0	9.5	1	1.9	93.9	0.57	<0.05	16.1	0.246	1.55	3.0
Q934988		16.2	110.0	<0.002	0.50	18.25	10.7	1	2.6	106.5	0.66	<0.05	11.9	0.271	2.95	6.4
Q934989		133.0	123.5	<0.002	0.35	61.7	6.8	1	1.4	182.0	0.41	<0.05	8.9	0.154	1.99	7.1
Q934990		1.6	2.3	<0.002	<0.01	0.23	0.2	<1	<0.2	43.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q934991		15.5	107.0	<0.002	0.01	1.21	9.7	1	1.9	380	0.71	<0.05	12.5	0.255	1.10	4.6
Q934992		14.7	101.5	<0.002	0.01	0.83	10.2	1	2.0	397	0.71	<0.05	12.9	0.267	1.02	4.9
Q934993		52.8	107.5	<0.002	0.03	1.39	10.4	1	2.0	399	0.69	<0.05	15.1	0.258	1.08	4.4
Q934994		84.3	123.0	<0.002	0.22	4.12	10.6	1	2.3	385	0.75	<0.05	17.2	0.256	1.35	4.6
Q934995		1630	147.0	0.003	8.00	103.5	7.7	2	10.1	62.7	0.38	0.65	8.4	0.170	2.09	4.9
Q934996		8810	154.0	<0.002	4.10	202	7.7	1	4.1	256	0.50	0.14	8.4	0.228	2.29	3.5
Q934997		19.0	70.9	<0.002	0.07	63.6	8.1	1	1.3	1235	0.64	<0.05	6.9	0.451	1.12	2.2
Q934998		387	154.0	<0.002	0.69	44.9	9.4	1	2.0	219	0.67	<0.05	15.1	0.248	2.62	6.0
Q934999		2300	199.5	<0.002	4.00	93.0	7.9	1	2.5	70.8	0.49	0.14	10.0	0.192	2.53	4.6
Q935000		3.6	1.3	<0.002	0.01	0.20	0.2	<1	<0.2	50.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q935001		19.2	143.5	<0.002	0.13	23.1	10.3	1	2.0	143.0	0.72	<0.05	15.9	0.265	1.72	3.1
Q935002		21.8	145.0	<0.002	0.37	20.4	10.1	1	2.1	126.5	0.70	0.07	14.6	0.248	1.70	3.7
Q935003		17.4	105.0	<0.002	0.02	1.18	10.8	1	1.8	420	0.74	<0.05	13.9	0.277	1.07	4.6
Q935004		14.1	114.0	<0.002	0.04	2.74	10.3	1	1.9	367	0.73	<0.05	14.8	0.265	1.19	4.1
Q935005		17.0	116.5	<0.002	0.03	12.15	10.5	1	1.9	199.5	0.76	<0.05	16.0	0.268	1.24	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126984

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
Q934970		57	7.5	14.9	61	48.6	
Q934971		66	15.6	15.7	72	54.1	
Q934972		65	11.2	14.5	60	54.5	
Q934973		57	4.6	11.5	86	41.4	
Q934974		65	3.3	15.2	68	31.2	
Q934975		65	3.5	15.7	71	33.6	
Q934976		65	2.6	12.7	56	32.7	
Q934977		73	2.4	13.9	56	38.3	
Q934978		97	4.4	17.4	115	33.4	
Q934979		84	5.4	14.8	513	34.8	
Q934980		61	5.9	10.9	2230	30.0	
Q934981		117	6.6	16.9	1110	40.1	
Q934982		74	3.6	17.8	54	38.3	
Q934983		69	4.1	16.6	54	36.0	
Q934984		67	1.7	14.4	40	31.9	
Q934985		66	3.5	15.1	47	33.0	
Q934986		63	4.4	14.5	50	32.5	
Q934987		61	4.5	14.9	47	32.9	
Q934988		74	8.7	13.5	81	33.9	
Q934989		48	2.6	11.0	388	26.6	
Q934990		3	0.1	0.7	13	<0.5	
Q934991		69	1.7	17.6	43	40.5	
Q934992		72	0.9	18.0	45	39.7	
Q934993		72	1.9	18.4	110	38.2	
Q934994		71	1.7	18.8	241	39.8	
Q934995		56	6.9	9.3	3270	20.9	
Q934996		55	6.0	8.1	8990	46.8	104
Q934997		89	0.8	11.6	107	160.5	
Q934998		67	3.7	15.1	214	35.8	
Q934999		55	5.6	10.1	3040	21.4	
Q935000		2	0.1	0.8	19	<0.5	
Q935001		71	3.6	17.6	51	34.2	
Q935002		70	7.0	16.8	87	34.7	
Q935003		77	1.2	19.7	50	39.9	
Q935004		72	1.6	18.3	45	38.9	
Q935005		73	2.9	18.9	55	44.0	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 5-SEP-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14126984

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

CERTIFICATE WH14126985

Project: KLAZA

P.O. No.: BATCH 178

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126985

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Q935315		4.71	0.129	1.95	6.54	259	780	1.60	0.36	2.21	13.05	39.9	8.5	7	17.70	17.7
Q935316		4.74	<0.005	0.29	7.11	70.0	1290	1.90	0.20	1.71	0.56	57.9	6.6	13	24.7	10.9
Q935317		2.33	<0.005	0.35	8.15	59.1	710	1.94	0.23	2.35	0.95	60.6	5.3	15	34.4	4.2
Q935318		6.25	<0.005	0.24	7.45	40.5	1120	1.92	0.21	2.63	0.43	55.3	4.9	15	22.9	5.0
Q935319		1.65	0.021	1.92	6.25	49.3	3160	1.43	0.11	4.27	7.20	43.5	7.0	7	21.2	10.0
Q935320		3.16	0.054	7.73	7.21	67.2	1350	1.84	0.32	2.97	8.27	43.9	9.2	10	27.7	29.5
Q935321		5.56	<0.005	0.02	0.07	<0.2	30	0.07	0.01	20.8	0.08	1.26	0.7	1	0.41	1.3
Q935322		4.88	<0.005	0.08	7.33	5.9	2090	1.37	0.04	2.84	0.14	40.6	7.6	10	18.10	7.5
Q935323		4.80	<0.005	0.09	7.14	12.3	1810	1.37	0.04	3.41	0.21	41.6	7.9	10	15.95	6.2
Q935324		2.18	0.006	0.45	7.08	560	2660	1.35	0.12	2.46	1.10	48.6	7.3	10	24.2	5.6
Q935325		3.46	0.006	0.66	7.24	173.5	1690	1.63	0.26	2.61	1.19	39.9	9.7	10	23.8	10.3
Q935326		0.30	0.898	11.85	6.90	1625	260	1.39	11.00	1.94	33.3	46.5	17.5	20	13.80	303
Q935327		2.07	0.045	1.11	7.82	316	1120	1.42	0.10	1.88	1.27	44.2	6.9	9	19.95	5.6
Q935328		1.82	0.152	0.86	7.45	947	830	1.30	0.14	2.20	4.15	43.8	7.6	9	16.35	4.5
Q935329		4.80	<0.005	0.03	6.37	12.1	1750	1.46	0.07	2.11	0.12	39.6	6.9	9	15.25	4.3
Q935330		1.09	<0.005	0.07	6.07	19.6	9370	1.58	0.08	4.24	0.15	49.2	9.1	6	21.0	11.1
Q935331		3.54	0.011	0.22	7.02	45.8	2060	1.69	0.06	2.59	0.26	44.3	8.6	10	25.2	6.4
Q935332		5.28	<0.005	0.11	7.13	47.6	1320	1.44	0.05	4.11	0.14	57.2	11.5	43	22.9	15.0
Q935333		2.37	<0.005	0.08	6.70	46.1	1090	1.41	0.05	3.60	0.11	58.2	11.0	39	22.4	13.3
Q935334		5.91	<0.005	0.03	7.09	5.1	1900	1.48	0.02	2.72	0.06	43.3	8.2	10	14.90	5.7
Q935335		1.09	<0.005	0.07	6.80	10.6	3060	1.50	0.08	2.81	0.08	39.2	9.1	8	16.65	7.9
Q935336		5.85	<0.005	0.03	6.79	4.3	1670	1.39	0.03	2.97	0.08	38.1	8.1	9	13.70	12.0
Q935337		1.08	0.014	0.31	5.81	36.0	2370	1.27	0.14	4.18	0.15	46.6	9.8	7	19.20	11.1
Q935338		5.54	<0.005	<0.01	0.08	<0.2	30	0.05	<0.01	19.25	0.07	1.06	1.0	1	0.30	2.8
Q935339		5.53	<0.005	0.03	7.07	6.1	1650	1.48	0.04	3.05	0.08	44.6	9.4	9	17.05	7.9
Q935340		4.14	<0.005	0.07	6.46	13.8	1900	1.32	0.12	3.33	0.12	40.7	8.0	9	10.30	3.7
Q935341		<0.02	<0.005	0.13	6.41	14.6	1740	1.46	0.13	3.34	0.11	43.2	8.4	7	10.70	4.2
Q935342		3.20	<0.005	0.04	6.66	8.4	1590	1.63	0.07	3.08	0.14	43.3	8.3	9	15.10	4.4
Q935343		0.30	0.364	4.30	6.58	686	220	1.46	3.08	1.94	11.05	51.1	12.0	24	13.90	307
Q935344		0.83	<0.005	0.19	5.10	27.1	5430	1.34	0.10	5.62	0.20	39.1	6.4	5	20.7	7.3
Q935345		4.42	<0.005	0.08	7.02	7.3	1800	1.60	0.09	2.33	0.10	43.5	8.0	9	19.05	13.0
Q935346		6.39	<0.005	0.10	6.97	5.3	1820	1.65	0.13	2.51	0.10	40.0	8.2	9	19.15	8.4
Q935347		5.60	<0.005	0.07	7.72	5.5	1970	1.66	0.11	1.68	0.09	47.8	8.7	9	17.45	9.2
Q935348		2.47	0.013	0.63	6.84	65.4	830	1.80	0.70	2.60	1.18	50.8	8.8	6	22.3	8.1
Q935349		4.72	0.005	0.20	6.80	20.8	380	1.95	0.32	2.48	0.82	49.8	6.3	8	24.4	9.4
Q935350		1.40	<0.005	0.05	7.27	13.8	730	2.09	0.18	2.23	0.35	53.0	6.3	8	30.4	7.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126985

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935315		3.03	17.60	0.10	1.0	0.058	3.08	18.7	9.5	0.72	7520	0.59	0.02	7.0	2.2	580
Q935316		2.42	19.75	0.13	2.6	0.034	2.38	26.8	44.4	0.64	1500	1.14	0.03	13.0	2.8	940
Q935317		2.40	21.1	0.14	2.7	0.038	3.03	27.6	28.0	0.77	1270	1.09	0.04	13.5	2.4	990
Q935318		2.51	18.70	0.12	2.5	0.032	1.97	25.3	137.5	0.79	1040	0.84	0.04	12.3	2.4	950
Q935319		3.13	13.40	0.11	0.9	0.036	2.78	22.5	14.7	1.12	8550	1.22	0.02	5.9	2.1	530
Q935320		3.21	16.75	0.13	1.5	0.069	2.92	20.8	26.4	0.89	2950	0.45	0.83	7.1	4.3	640
Q935321		0.49	0.27	0.13	<0.1	0.006	0.03	0.6	1.3	13.10	224	0.09	0.01	0.2	0.9	170
Q935322		3.19	16.05	0.15	1.2	0.040	2.81	19.3	15.8	0.81	956	0.58	1.92	7.0	2.1	650
Q935323		3.08	15.60	0.11	1.1	0.039	2.99	19.7	57.0	1.01	1270	0.35	0.78	7.2	2.4	640
Q935324		2.84	14.85	0.12	1.0	0.061	3.27	25.6	12.8	0.86	2720	0.53	0.04	6.5	1.8	590
Q935325		2.86	16.50	0.12	1.2	0.058	3.64	18.8	9.3	0.64	2140	1.60	0.04	7.5	2.1	690
Q935326		6.85	15.25	0.12	1.1	0.806	3.01	23.2	19.0	0.81	1850	8.75	0.13	6.1	11.5	560
Q935327		2.80	17.55	0.13	1.2	0.075	3.98	21.1	5.6	0.67	4220	0.92	0.03	7.3	2.0	670
Q935328		3.04	16.40	0.12	1.2	0.074	3.73	21.7	9.3	0.76	4790	0.50	0.07	7.2	2.0	640
Q935329		2.57	14.55	0.11	1.1	0.043	2.45	18.4	17.9	0.86	782	1.21	1.09	6.7	1.6	550
Q935330		3.21	14.25	0.13	1.0	0.043	2.07	26.3	17.9	1.56	1300	0.45	0.87	6.2	2.2	500
Q935331		2.88	16.45	0.13	1.2	0.047	2.51	20.9	43.2	0.73	720	1.54	1.57	7.7	2.6	630
Q935332		3.42	18.95	0.14	3.9	0.037	2.08	26.6	38.4	1.22	845	1.63	1.61	10.6	17.8	1690
Q935333		3.09	18.30	0.14	3.7	0.040	1.92	27.0	37.7	1.06	743	1.50	1.45	9.9	16.7	1530
Q935334		3.13	15.80	0.14	1.1	0.042	2.39	20.5	30.5	0.82	642	1.51	1.50	7.4	2.3	630
Q935335		3.12	16.85	0.14	1.0	0.039	2.32	18.9	37.0	0.85	716	0.26	1.34	6.7	1.9	570
Q935336		2.96	16.35	0.14	0.9	0.038	2.24	17.8	23.2	0.68	728	0.28	1.80	7.0	2.1	590
Q935337		2.62	14.10	0.13	0.9	0.038	2.55	25.2	19.2	1.17	1140	2.22	0.12	5.8	2.2	480
Q935338		0.46	0.27	0.15	<0.1	0.007	0.04	0.5	1.3	12.05	196	0.07	0.01	0.1	1.5	180
Q935339		3.35	16.35	0.16	1.0	0.045	2.33	21.0	54.0	1.00	715	0.40	0.96	7.4	2.2	660
Q935340		2.83	15.20	0.15	1.0	0.040	2.37	19.7	32.0	0.98	897	0.17	1.37	6.6	1.8	550
Q935341		2.81	16.05	0.14	1.1	0.044	2.38	20.5	34.5	1.01	873	0.24	1.38	6.9	2.1	540
Q935342		3.00	15.60	0.15	1.1	0.038	2.60	20.2	65.8	1.02	1120	0.13	0.92	7.4	2.0	640
Q935343		4.90	15.45	0.13	1.1	0.327	2.90	27.7	27.3	0.75	1800	14.85	0.15	5.8	14.1	500
Q935344		2.87	12.05	0.13	0.9	0.035	2.29	21.2	22.4	1.58	1900	0.46	0.01	5.2	1.3	390
Q935345		2.88	16.20	0.13	1.3	0.037	2.69	20.0	46.4	0.55	832	0.59	1.67	7.4	4.3	640
Q935346		2.99	16.05	0.12	1.3	0.038	2.65	18.4	99.7	0.72	770	0.84	1.41	7.4	2.8	640
Q935347		3.29	16.65	0.13	1.4	0.040	2.99	22.4	56.2	1.00	727	2.68	0.75	7.7	2.7	670
Q935348		2.92	15.60	0.14	1.7	0.066	3.10	26.0	43.1	0.97	2870	1.19	0.15	7.5	2.9	570
Q935349		2.36	17.45	0.14	3.4	0.043	2.78	23.7	52.1	0.87	1000	0.72	0.07	9.5	3.8	730
Q935350		2.37	18.40	0.14	3.8	0.034	2.89	26.1	65.3	0.86	999	0.68	0.06	11.3	4.0	780

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126985

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935315		210	150.0	<0.002	1.59	18.90	10.0	<1	2.3	138.0	0.55	<0.05	9.5	0.238	3.06	4.2
Q935316		48.7	71.9	<0.002	0.10	9.35	6.1	1	2.5	489	0.81	<0.05	8.7	0.255	1.81	5.0
Q935317		33.4	78.7	<0.002	0.06	8.67	6.1	1	1.9	570	0.82	<0.05	8.8	0.301	1.87	4.6
Q935318		32.1	49.9	<0.002	0.04	8.90	6.0	1	1.8	587	0.76	<0.05	8.1	0.286	1.22	3.9
Q935319		279	160.0	<0.002	0.62	14.70	9.1	1	2.0	227	0.48	<0.05	10.0	0.223	2.51	3.9
Q935320		359	122.5	<0.002	0.46	20.5	10.2	<1	2.2	334	0.59	<0.05	10.0	0.271	2.16	3.8
Q935321		1.4	1.8	<0.002	<0.01	0.08	0.2	<1	<0.2	50.2	<0.05	<0.05	0.3	<0.005	0.02	2.2
Q935322		17.0	95.3	<0.002	0.02	3.12	10.4	1	1.6	443	0.53	<0.05	9.6	0.282	1.27	3.3
Q935323		13.9	99.3	<0.002	0.11	5.00	10.7	1	1.6	320	0.56	<0.05	9.1	0.276	1.76	3.2
Q935324		52.8	180.0	<0.002	0.41	14.65	10.3	<1	1.5	189.5	0.52	<0.05	10.6	0.257	2.67	2.5
Q935325		57.1	162.5	<0.002	0.50	17.75	11.0	1	1.7	154.5	0.58	<0.05	9.8	0.294	2.72	3.4
Q935326		1370	165.0	<0.002	4.81	66.4	9.1	2	8.0	99.2	0.51	1.22	10.7	0.214	2.69	5.0
Q935327		64.8	218	<0.002	0.87	16.95	11.2	1	1.6	91.5	0.58	<0.05	12.6	0.295	2.85	2.2
Q935328		131.5	211	<0.002	1.21	22.4	11.3	<1	1.7	130.0	0.57	<0.05	11.8	0.271	2.85	3.7
Q935329		11.1	92.2	<0.002	0.08	3.98	10.0	<1	1.3	301	0.54	<0.05	9.2	0.242	1.36	2.3
Q935330		12.7	118.0	<0.002	0.33	5.98	9.7	1	1.3	384	0.50	<0.05	11.2	0.214	1.28	4.1
Q935331		22.0	96.7	<0.002	0.16	3.81	11.3	1	1.6	430	0.63	<0.05	12.2	0.270	1.14	4.7
Q935332		14.4	52.4	<0.002	0.06	6.04	7.6	1	1.2	922	0.63	<0.05	5.6	0.432	0.85	2.8
Q935333		13.4	52.5	<0.002	0.07	5.94	7.6	1	1.2	852	0.58	<0.05	5.9	0.394	0.79	2.8
Q935334		12.6	87.6	<0.002	0.03	2.75	11.3	1	1.4	365	0.58	<0.05	10.1	0.271	0.99	2.4
Q935335		11.4	85.4	<0.002	0.08	3.87	9.9	1	1.5	289	0.53	<0.05	8.5	0.259	1.06	4.2
Q935336		12.8	76.2	<0.002	0.02	3.53	10.5	1	1.6	365	0.53	<0.05	8.5	0.267	0.97	2.7
Q935337		20.8	123.5	<0.002	0.17	17.90	9.9	<1	1.2	256	0.44	<0.05	9.3	0.215	1.34	8.2
Q935338		0.7	1.9	<0.002	0.01	0.06	0.3	<1	<0.2	43.0	<0.05	<0.05	0.2	<0.005	0.02	0.5
Q935339		15.8	78.0	<0.002	0.03	5.25	12.6	1	1.8	376	0.55	<0.05	9.7	0.293	1.06	3.4
Q935340		15.4	100.5	<0.002	0.08	3.42	10.0	1	1.6	322	0.54	<0.05	9.1	0.245	1.39	3.2
Q935341		16.8	105.5	<0.002	0.08	3.56	10.5	1	1.6	317	0.56	<0.05	9.7	0.243	1.48	3.4
Q935342		12.2	100.5	<0.002	0.05	6.30	11.5	1	1.9	328	0.57	<0.05	9.9	0.275	1.66	2.7
Q935343		471	160.0	0.004	2.59	27.4	9.1	1	5.6	110.0	0.48	0.31	11.1	0.199	2.52	4.9
Q935344		15.1	148.5	<0.002	0.20	12.40	7.8	1	1.8	326	0.39	<0.05	8.8	0.181	2.06	5.6
Q935345		17.5	107.0	<0.002	0.02	6.53	11.5	1	1.7	320	0.63	<0.05	11.5	0.290	1.34	3.3
Q935346		17.6	97.1	<0.002	0.02	4.48	11.1	1	1.7	362	0.67	<0.05	10.3	0.285	1.26	2.6
Q935347		18.3	120.5	<0.002	0.02	4.23	12.3	1	1.9	366	0.70	<0.05	14.3	0.298	1.43	3.5
Q935348		74.8	160.0	<0.002	0.55	11.60	10.2	1	1.5	267	0.65	<0.05	12.3	0.266	2.05	4.9
Q935349		16.4	99.4	<0.002	0.07	15.70	7.4	1	1.5	361	0.75	<0.05	8.6	0.294	1.36	4.4
Q935350		19.0	116.5	<0.002	0.03	17.80	8.0	1	1.4	393	0.81	<0.05	9.2	0.307	1.50	6.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126985

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935315		75	3.7	12.0	976	30.5
Q935316		51	1.9	11.7	119	92.5
Q935317		59	1.9	11.4	168	96.3
Q935318		56	1.8	12.4	108	93.1
Q935319		65	2.7	14.9	547	26.4
Q935320		75	2.3	14.2	612	43.3
Q935321		2	0.1	0.9	17	<0.5
Q935322		80	1.0	14.6	67	31.6
Q935323		77	1.2	14.5	89	29.7
Q935324		71	1.5	14.4	108	26.8
Q935325		85	1.9	13.5	134	31.3
Q935326		64	6.2	12.0	2400	30.5
Q935327		86	2.4	13.0	137	31.2
Q935328		75	1.7	13.1	317	31.3
Q935329		66	1.1	11.8	58	28.7
Q935330		62	1.1	17.4	66	27.8
Q935331		77	1.0	14.9	66	31.0
Q935332		89	0.9	11.8	83	167.5
Q935333		81	0.9	11.4	73	158.5
Q935334		76	1.2	14.4	55	29.3
Q935335		77	1.5	13.1	63	27.1
Q935336		75	1.2	13.0	57	25.0
Q935337		66	1.6	15.5	60	25.3
Q935338		3	0.1	0.8	13	<0.5
Q935339		87	1.4	14.9	63	28.1
Q935340		69	1.8	14.9	80	26.5
Q935341		68	2.0	15.9	78	28.9
Q935342		80	1.8	15.5	104	30.3
Q935343		62	5.6	12.8	821	31.2
Q935344		55	2.0	15.5	60	28.6
Q935345		81	1.9	14.5	65	34.8
Q935346		77	1.6	14.0	62	34.5
Q935347		84	1.8	15.4	64	34.1
Q935348		69	2.5	15.0	125	52.3
Q935349		69	2.0	14.4	112	123.0
Q935350		71	2.2	14.8	83	137.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126985

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

CERTIFICATE WH14126986

Project: KLAZA

P.O. No.: BATCH 179

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

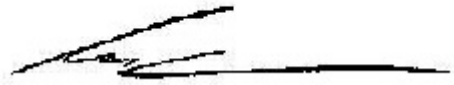
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126986

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935006		7.34	<0.005	0.08	8.05	5.8	2420	1.71	0.14	2.93	0.09	52.7	8.1	11	9.38	10.5
Q935007		6.15	<0.005	0.07	7.90	4.9	2390	1.63	0.13	2.91	0.08	53.4	7.8	11	10.25	8.6
Q935008		4.18	0.012	0.21	7.66	54.9	2320	1.71	0.13	2.93	0.35	48.5	6.5	9	17.00	22.5
Q935009		4.24	<0.005	0.18	7.13	29.7	1600	1.42	0.11	2.68	0.14	44.9	6.6	9	18.20	13.5
Q935010		2.48	<0.005	0.16	7.06	24.2	1160	1.46	0.11	2.61	0.13	44.9	7.4	7	17.00	17.5
Q935011		1.11	0.036	29.0	6.00	66.7	2300	1.44	0.14	3.77	1.52	44.7	8.3	5	19.80	19.0
Q935012		1.85	<0.005	0.27	8.10	11.4	1720	1.28	0.12	1.20	0.19	55.5	6.6	9	19.45	27.7
Q935013		10.27	<0.005	0.13	7.96	4.6	2360	1.73	0.16	2.87	0.07	52.1	7.6	11	11.50	10.0
Q935014		2.74	<0.005	0.05	7.70	2.9	2310	1.59	0.16	2.93	0.08	46.0	7.8	12	13.60	9.7
Q935015		1.16	0.014	8.10	6.40	47.4	2090	1.57	0.11	5.73	5.38	47.1	6.9	4	24.3	9.3
Q935016		1.09	0.102	0.83	7.44	226	1600	1.46	0.36	2.48	2.38	51.5	4.8	7	14.25	58.4
Q935017		4.72	0.370	0.65	7.69	60.8	1580	1.46	0.24	2.14	1.11	47.5	6.0	8	19.00	26.4
Q935018		0.31	0.882	10.85	6.93	1695	390	1.45	11.00	1.94	33.4	47.9	17.7	17	13.55	297
Q935019		1.77	0.772	6.09	6.49	1440	300	1.40	7.90	1.81	8.46	45.0	49.3	5	10.60	27.1
Q935020		1.24	<0.005	0.17	7.68	13.0	2480	1.42	0.46	1.67	0.12	50.2	4.7	7	12.25	22.9
Q935021		3.37	<0.005	0.06	7.43	4.9	2120	1.57	0.18	2.28	0.12	47.3	7.2	10	19.15	14.3
Q935022		1.83	0.007	0.26	6.98	18.4	2020	1.28	0.34	2.52	0.84	54.4	6.7	7	19.65	26.4
Q935023		4.67	<0.005	0.06	8.49	11.4	2560	1.45	0.23	1.61	0.07	53.4	8.4	10	25.0	8.9
Q935024		11.27	<0.005	0.07	7.56	6.8	2170	1.49	0.47	2.43	0.16	43.8	7.3	11	19.10	11.7
Q935025		3.75	<0.005	0.16	7.58	21.0	2130	1.60	2.31	2.51	0.14	48.9	7.7	9	11.85	20.4
Q935026		5.31	0.207	2.41	6.87	545	1180	1.72	1.22	2.40	5.91	48.9	9.3	5	25.8	36.5
Q935027		0.30	1.705	41.5	5.85	2630	340	1.20	38.2	1.67	45.3	37.4	16.4	19	9.87	1190
Q935028		1.43	1.135	31.9	6.51	3920	210	1.48	1.21	1.97	110.5	44.9	7.2	5	11.60	172.0
Q935029		5.55	<0.005	0.02	0.06	1.2	80	<0.05	0.04	21.8	0.09	1.03	2.0	1	0.18	4.6
Q935030		3.52	0.298	1.49	7.70	170.0	2570	1.32	1.17	1.87	2.33	51.8	7.0	8	13.85	48.6
Q935031		4.30	<0.005	0.19	7.85	4.0	2230	1.36	3.38	2.32	0.09	45.9	6.6	11	8.80	54.0
Q935032		4.75	<0.005	0.04	6.71	8.4	2090	1.51	0.14	2.71	0.12	35.5	8.1	10	18.80	9.2
Q935033		3.92	<0.005	0.12	7.08	16.6	1530	1.78	0.41	2.24	0.19	39.0	8.7	9	22.0	4.3
Q935034		1.64	<0.005	0.10	7.97	8.1	2010	1.67	0.18	2.83	0.23	50.6	7.7	9	15.20	9.3
Q935035		4.12	<0.005	0.08	7.01	7.3	1580	1.56	0.21	3.38	0.26	39.7	6.5	9	15.90	4.7
Q935036		<0.02	<0.005	0.08	7.12	6.6	1590	1.52	0.21	3.42	0.20	39.5	6.5	10	17.40	4.7
Q935037		4.76	<0.005	0.08	6.85	5.3	1710	1.44	0.11	2.70	0.14	40.4	8.4	10	9.24	7.9
Q935038		4.86	<0.005	0.08	6.99	3.3	2070	1.69	0.09	2.41	0.13	40.5	8.0	9	9.14	6.6
Q935039		6.30	<0.005	0.12	6.59	16.1	1010	1.50	0.10	2.33	0.23	35.5	8.0	9	18.65	8.0
Q935040		6.60	<0.005	0.01	0.09	<0.2	40	0.06	0.02	21.9	0.08	1.34	0.7	1	0.36	1.2
Q935041		4.50	<0.005	0.11	7.12	6.9	2750	1.54	0.11	4.03	0.12	39.3	6.8	8	25.7	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126986

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935006		3.07	18.20	0.10	1.6	0.039	2.70	26.7	16.9	0.88	737	1.64	2.39	8.5	3.3	660
Q935007		3.12	17.75	0.09	1.4	0.045	2.83	26.5	15.6	0.87	858	2.15	2.27	8.3	3.3	670
Q935008		2.98	17.50	0.11	1.4	0.073	3.12	23.5	18.1	0.76	1260	1.76	1.75	8.3	2.8	650
Q935009		2.58	15.65	0.10	1.4	0.038	3.01	22.5	66.5	0.82	1060	1.86	0.11	7.6	2.7	570
Q935010		2.50	15.90	0.09	1.4	0.037	2.82	22.3	78.2	0.78	1020	2.58	0.13	7.6	2.8	570
Q935011		3.19	13.95	0.08	1.0	0.073	2.58	24.8	43.0	1.24	2700	2.90	0.03	5.9	3.0	410
Q935012		2.61	17.40	0.08	1.5	0.053	3.18	29.8	68.6	0.48	738	1.23	0.17	8.4	2.5	610
Q935013		2.99	17.70	0.10	1.7	0.045	2.86	25.8	14.7	0.85	816	0.91	2.36	8.6	3.3	660
Q935014		2.97	17.00	0.07	1.4	0.037	2.72	22.3	14.0	0.82	662	0.57	2.32	8.0	3.4	660
Q935015		3.25	13.75	0.10	1.1	0.041	2.80	26.1	46.1	1.24	5390	0.68	0.54	6.3	2.5	510
Q935016		3.45	16.10	0.11	1.3	0.239	3.72	27.9	28.5	0.82	2950	1.12	0.06	7.6	2.5	590
Q935017		2.99	16.05	0.08	1.4	0.102	3.62	25.2	40.0	0.75	1670	1.39	0.11	7.8	2.5	630
Q935018		6.67	16.20	0.08	1.1	0.827	3.03	24.3	19.8	0.79	1870	9.26	0.13	6.3	13.0	570
Q935019		6.48	15.50	0.09	0.9	0.199	3.11	22.9	14.9	0.76	4180	2.43	0.03	5.3	4.9	520
Q935020		2.78	16.50	0.09	1.3	0.075	3.40	25.9	39.1	0.62	925	0.49	0.32	7.6	2.1	620
Q935021		2.95	17.10	0.09	1.2	0.037	2.80	23.3	18.9	0.72	602	0.44	1.77	7.9	3.0	620
Q935022		2.65	15.75	0.08	1.2	0.046	2.55	28.8	54.9	0.83	1500	0.27	0.10	7.3	2.8	580
Q935023		3.08	18.30	0.14	1.3	0.048	2.90	27.3	55.1	0.68	686	0.38	0.49	8.3	3.1	700
Q935024		2.92	17.00	0.10	1.2	0.040	2.87	21.8	21.9	0.68	693	0.52	1.47	7.7	3.1	630
Q935025		2.98	16.50	0.10	1.2	0.034	2.92	24.5	15.3	0.75	908	2.54	1.79	7.5	3.0	640
Q935026		3.33	15.55	0.09	1.2	0.161	3.09	26.8	22.9	0.84	3890	2.87	0.09	6.7	3.0	550
Q935027		8.93	14.25	0.09	0.9	1.555	2.59	19.1	16.0	0.68	2410	16.90	0.06	4.5	15.1	470
Q935028		4.80	14.45	0.06	1.1	0.190	2.97	23.5	11.3	0.54	7380	1.70	0.02	6.4	3.0	540
Q935029		0.50	0.20	<0.05	<0.1	<0.005	<0.01	0.5	0.9	13.35	224	0.75	0.01	0.1	2.5	170
Q935030		3.22	16.10	0.07	1.3	0.070	3.23	28.1	29.0	0.73	2430	1.61	0.08	7.5	2.5	640
Q935031		2.92	15.90	0.08	1.3	0.037	2.94	23.1	17.3	0.73	630	1.25	1.72	7.4	2.5	640
Q935032		3.07	16.45	0.09	1.6	0.041	2.64	16.4	24.5	0.23	848	1.99	0.66	7.9	2.5	600
Q935033		3.20	16.35	0.10	1.5	0.037	2.63	19.2	26.2	0.38	1510	1.59	0.61	7.6	2.9	610
Q935034		3.10	16.50	0.14	1.6	0.041	2.82	26.7	12.3	0.59	949	1.04	1.87	7.7	3.2	640
Q935035		2.85	15.30	0.10	1.5	0.035	2.72	19.2	18.4	0.32	891	0.88	1.04	7.5	2.4	650
Q935036		2.87	15.20	0.07	1.5	0.035	2.75	19.1	18.4	0.32	883	0.86	1.07	7.5	2.5	650
Q935037		2.90	15.55	0.19	1.5	0.037	2.40	19.1	10.6	0.72	800	1.41	2.07	7.8	3.4	630
Q935038		2.86	15.85	0.23	1.5	0.033	2.46	18.9	9.8	0.78	704	0.83	2.23	7.8	2.9	590
Q935039		2.72	15.45	0.19	1.5	0.034	2.29	16.1	60.5	0.36	1040	1.18	0.58	7.7	3.0	580
Q935040		0.51	0.27	0.05	<0.1	0.005	0.01	0.7	1.2	13.35	228	0.09	0.01	0.2	1.3	190
Q935041		3.12	15.70	0.07	1.3	0.042	2.74	19.1	35.5	0.59	1010	0.59	0.37	7.6	2.0	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126986

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935006		17.1	112.5	<0.002	0.02	1.56	11.2	1	1.7	426	0.73	<0.05	14.6	0.286	1.10	4.9
Q935007		15.7	118.5	<0.002	0.03	1.49	11.3	1	1.7	409	0.70	<0.05	15.5	0.281	1.25	4.4
Q935008		29.9	133.5	<0.002	0.15	5.99	10.8	1	1.8	343	0.71	<0.05	12.8	0.270	1.63	4.5
Q935009		13.1	118.0	<0.002	0.20	10.70	9.0	1	1.6	171.0	0.71	<0.05	15.4	0.239	2.09	5.4
Q935010		12.3	111.0	<0.002	0.19	11.60	9.0	1	1.8	165.0	0.70	<0.05	14.8	0.239	1.99	5.2
Q935011		4650	164.5	<0.002	0.56	30.6	7.2	1	1.9	151.5	0.56	<0.05	11.9	0.183	2.36	6.2
Q935012		19.1	147.5	<0.002	0.05	24.3	10.3	1	1.8	144.0	0.81	<0.05	19.0	0.254	1.60	4.4
Q935013		19.4	122.0	<0.002	0.03	1.42	10.8	1	1.9	412	0.79	<0.05	16.9	0.280	1.30	4.9
Q935014		13.7	115.0	<0.002	0.01	1.61	10.7	1	1.9	417	0.71	<0.05	12.5	0.263	1.27	4.2
Q935015		1485	131.0	<0.002	0.43	15.45	8.3	1	1.8	283	0.56	<0.05	11.7	0.212	1.73	5.0
Q935016		164.0	206	<0.002	0.77	28.2	9.9	1	2.3	127.5	0.73	0.05	13.3	0.238	3.01	6.1
Q935017		101.5	163.0	<0.002	0.26	20.4	10.1	1	2.0	151.5	0.73	<0.05	15.4	0.263	2.61	4.8
Q935018		1320	172.5	0.002	4.95	67.6	9.3	2	8.0	99.9	0.56	1.25	11.0	0.220	2.67	5.3
Q935019		829	177.5	<0.002	4.06	79.2	9.1	1	1.7	66.7	0.49	0.50	11.2	0.203	2.66	10.9
Q935020		15.4	145.5	<0.002	0.11	17.30	10.1	1	2.0	177.5	0.69	<0.05	16.0	0.248	2.05	3.7
Q935021		17.1	115.5	<0.002	0.02	4.37	10.4	1	2.2	333	0.67	<0.05	11.6	0.258	1.37	2.7
Q935022		26.9	113.0	<0.002	0.17	24.2	9.9	1	2.0	201	0.67	<0.05	16.0	0.242	2.09	4.7
Q935023		14.5	129.0	<0.002	0.08	11.40	11.9	1	2.5	202	0.67	<0.05	12.7	0.297	1.70	4.2
Q935024		14.8	113.0	<0.002	0.05	7.88	10.2	1	2.2	300	0.66	<0.05	11.2	0.263	1.45	4.0
Q935025		17.5	125.5	<0.002	0.22	3.89	10.4	1	2.2	352	0.65	<0.05	12.9	0.261	1.50	3.6
Q935026		262	176.0	<0.002	1.30	30.8	9.6	1	2.5	163.0	0.61	0.09	13.4	0.231	2.58	5.7
Q935027		1650	149.0	0.003	8.14	106.0	7.9	2	10.2	64.5	0.38	0.63	8.6	0.167	2.23	5.4
Q935028		7380	167.0	<0.002	4.77	303	9.4	1	2.3	58.3	0.56	<0.05	12.0	0.229	2.74	6.0
Q935029		4.4	1.1	<0.002	0.01	0.13	0.2	<1	<0.2	50.7	<0.05	<0.05	0.3	<0.005	0.02	0.7
Q935030		208	164.5	<0.002	0.62	31.2	10.7	1	2.6	117.0	0.69	0.12	15.1	0.266	1.95	4.4
Q935031		14.5	112.0	<0.002	0.05	4.26	9.6	1	2.3	321	0.72	0.33	14.5	0.260	1.24	4.4
Q935032		15.5	93.3	<0.002	0.03	8.47	9.6	1	2.2	108.0	0.76	<0.05	8.3	0.274	1.50	2.7
Q935033		10.8	111.5	<0.002	0.11	7.37	10.5	1	1.6	81.9	0.69	<0.05	9.5	0.263	2.24	3.9
Q935034		19.1	120.5	<0.002	0.02	4.06	11.9	1	1.6	306	0.70	<0.05	11.8	0.286	1.44	2.6
Q935035		13.6	108.0	<0.002	0.05	8.11	10.5	1	1.6	157.0	0.70	<0.05	9.0	0.283	1.65	3.2
Q935036		13.8	106.0	<0.002	0.05	8.03	10.5	1	1.6	159.5	0.68	<0.05	9.0	0.284	1.64	3.2
Q935037		14.3	84.8	<0.002	0.01	2.69	10.8	1	1.7	286	0.68	<0.05	9.8	0.260	1.00	1.4
Q935038		15.4	84.1	<0.002	<0.01	1.62	10.8	1	1.6	349	0.69	<0.05	10.1	0.263	1.02	1.4
Q935039		12.9	92.8	<0.002	0.09	8.47	10.0	1	1.7	125.0	0.68	<0.05	9.1	0.257	1.76	2.7
Q935040		1.4	1.8	<0.002	<0.01	0.07	0.2	<1	<0.2	52.8	<0.05	<0.05	0.4	<0.005	0.02	0.6
Q935041		10.4	104.5	<0.002	0.10	7.37	10.4	1	1.6	148.5	0.69	<0.05	8.5	0.289	1.72	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126986

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q935006		76	1.7	20.2	51	46.6	
Q935007		78	2.9	19.7	49	41.1	
Q935008		72	2.8	18.3	72	43.0	
Q935009		65	2.3	15.6	50	40.7	
Q935010		64	2.5	15.6	46	41.2	
Q935011		53	2.9	13.9	136	33.0	
Q935012		69	2.5	18.3	55	43.9	
Q935013		74	1.1	20.3	47	47.6	
Q935014		74	0.7	18.9	45	38.5	
Q935015		56	1.7	18.8	488	32.6	
Q935016		63	5.6	16.5	310	35.5	
Q935017		69	4.4	15.8	176	39.5	
Q935018		66	6.1	11.7	2370	30.1	
Q935019		67	7.5	15.3	1140	26.6	
Q935020		67	2.4	17.2	43	35.4	
Q935021		72	0.8	18.0	49	37.4	
Q935022		65	2.3	16.8	119	35.0	
Q935023		83	2.1	18.0	48	37.3	
Q935024		73	1.5	16.6	51	35.6	
Q935025		72	0.7	17.4	45	34.1	
Q935026		64	3.5	15.9	581	31.0	
Q935027		57	7.3	9.6	3400	21.3	
Q935028		66	9.0	16.1	>10000	32.6	1.380
Q935029		2	0.1	0.7	22	<0.5	
Q935030		75	4.9	16.5	349	40.1	
Q935031		70	1.7	15.7	44	42.3	
Q935032		74	2.9	12.7	58	49.9	
Q935033		74	2.7	14.1	79	47.8	
Q935034		78	4.2	16.5	77	46.4	
Q935035		78	1.9	11.2	85	44.2	
Q935036		79	1.8	11.0	84	45.2	
Q935037		76	1.6	13.4	74	39.5	
Q935038		76	1.8	14.3	68	39.6	
Q935039		71	1.7	12.6	82	39.4	
Q935040		2	0.1	0.8	16	<0.5	
Q935041		78	2.1	11.1	70	35.0	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126986

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Zn-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

CERTIFICATE WH14126987

Project: KLAZA

P.O. No.: BATCH 181

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

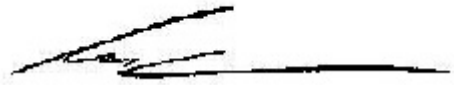
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126987

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935351		8.93	<0.005	0.05	7.41	11.5	880	2.24	0.13	2.50	0.20	52.4	6.5	9	28.2	6.8
Q935352		0.77	<0.005	0.08	7.08	11.0	550	2.59	0.14	2.04	0.24	51.5	5.1	9	28.5	8.9
Q935353		5.10	<0.005	0.08	6.89	13.4	2180	2.80	0.15	2.82	0.29	46.2	5.8	8	29.4	12.1
Q935354		1.88	<0.005	0.20	6.86	18.9	1280	2.76	0.24	0.96	0.14	32.3	1.9	7	41.0	5.1
Q935355		2.78	<0.005	0.24	6.60	18.5	920	2.63	0.39	0.62	0.22	23.2	1.6	3	35.5	12.2
Q935356		5.54	<0.005	0.01	0.11	0.3	120	0.07	0.09	20.4	0.06	1.31	0.8	1	0.35	3.2
Q935357		2.43	<0.005	0.13	7.86	26.5	1460	1.81	0.13	3.09	0.31	77.2	10.3	33	19.50	8.8
Q935358		1.26	0.007	0.64	8.41	41.8	3440	2.35	0.32	2.92	1.03	71.6	10.8	32	26.0	84.6
Q935359		4.15	<0.005	0.01	7.57	23.3	2160	1.81	0.09	3.15	0.19	75.6	9.9	33	14.70	2.0
Q935360		5.36	<0.005	0.02	7.22	24.1	2610	1.84	0.11	4.68	0.42	75.0	9.7	31	15.45	8.6
Q935361		2.29	<0.005	0.02	7.10	24.5	1570	1.72	0.11	3.92	0.34	73.4	9.3	32	13.70	10.3
Q935362		2.51	0.029	0.83	6.94	50.1	1740	2.76	0.91	2.47	1.58	46.2	8.5	13	33.4	25.7
Q935363		5.99	<0.005	0.01	0.10	<0.2	40	0.07	0.05	20.9	0.07	1.31	0.8	1	0.42	2.0
Q935364		3.31	0.005	0.26	6.98	20.2	1230	2.89	0.25	2.33	0.83	49.6	5.7	8	35.9	8.8
Q935365		2.59	0.009	0.53	7.02	24.4	930	2.37	0.29	2.90	1.38	50.4	6.4	8	33.7	18.1
Q935366		7.89	0.017	0.42	7.31	31.7	870	2.36	0.29	3.60	1.72	54.8	6.5	9	32.9	13.4
Q935367		1.20	0.007	1.88	7.08	59.0	770	2.86	0.15	3.56	1.12	53.3	10.4	8	31.9	18.2
Q935368		4.16	<0.005	0.54	7.01	23.9	1350	2.97	0.21	3.62	0.44	53.7	7.1	7	30.8	9.1
Q935369		2.47	0.008	0.44	6.85	19.4	510	3.10	0.31	3.31	0.34	47.6	6.7	8	30.8	9.2
Q935370		2.55	0.009	0.54	6.82	17.9	1110	3.52	0.34	4.00	0.45	49.8	6.0	7	28.1	7.9
Q935371		0.30	0.886	12.00	6.45	1510	100	1.43	11.60	1.84	34.2	47.9	18.8	18	14.35	283
Q935372		0.74	0.040	1.23	7.26	51.2	810	4.65	0.91	2.34	2.14	49.4	6.8	11	32.5	14.6
Q935373		1.66	0.007	0.92	7.04	26.9	610	4.76	0.68	2.61	0.86	43.2	4.5	8	30.3	9.5
Q935374		1.33	3.30	67.4	7.82	356	390	4.16	69.5	1.41	31.4	45.1	10.8	6	35.1	456
Q935375		3.75	0.106	6.91	6.28	123.0	910	3.48	1.13	1.42	8.41	27.7	3.2	4	24.2	26.8
Q935376		3.66	0.115	0.97	6.49	12.5	270	3.34	0.91	0.92	0.75	24.8	1.1	2	30.3	5.9
Q935377		4.26	0.008	0.18	6.45	7.9	370	2.27	0.22	0.35	0.14	18.10	0.3	2	31.0	1.5
Q935378		5.47	0.007	0.21	6.65	12.4	120	2.72	0.22	0.70	0.15	19.75	0.5	3	39.6	3.0
Q935379		7.38	0.016	0.25	6.31	14.3	270	2.98	0.20	0.60	0.11	19.20	0.3	2	33.0	2.1
Q935380		8.07	0.006	0.21	6.66	14.4	100	2.53	0.22	0.41	0.09	20.0	0.4	2	33.4	2.0
Q935381		<0.02	0.006	0.19	6.28	14.1	90	2.54	0.22	0.37	0.10	16.70	0.4	4	32.7	2.3
Q935382		7.45	0.005	0.11	6.04	13.3	220	2.20	0.21	0.55	0.15	17.90	0.6	2	30.7	3.5
Q935383		6.36	0.008	0.06	6.20	12.4	370	2.42	0.28	0.81	0.17	17.05	0.4	2	29.3	2.8
Q935384		0.30	0.342	4.44	6.31	682	350	1.40	3.21	1.91	10.50	46.9	12.1	22	12.80	297
Q935385		1.81	0.006	0.74	6.42	33.5	2810	3.81	0.78	0.73	0.70	20.2	1.4	2	29.4	4.6
Q935386		2.39	0.013	1.93	6.71	71.5	670	3.51	4.57	3.85	2.44	48.7	10.0	6	26.2	22.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126987

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935351		2.72	18.35	0.14	3.6	0.033	2.93	25.4	113.5	0.96	795	0.61	0.06	9.9	4.4	770
Q935352		1.98	18.45	0.12	3.4	0.034	2.75	25.0	45.1	0.75	693	0.70	0.06	10.6	3.6	700
Q935353		2.40	18.05	0.13	3.3	0.028	2.86	21.6	31.9	0.94	772	0.73	0.07	10.3	4.6	710
Q935354		0.86	18.20	0.10	3.4	0.020	2.37	15.9	58.7	0.32	486	2.07	0.06	18.4	2.6	250
Q935355		0.79	19.00	0.10	4.0	0.020	2.28	10.8	52.6	0.25	425	2.30	0.06	21.3	1.3	170
Q935356		0.46	0.35	0.22	<0.1	<0.005	0.04	0.6	1.2	12.25	205	0.08	0.01	0.2	1.5	170
Q935357		3.38	20.4	0.20	4.7	0.042	2.08	36.5	81.8	1.30	1160	0.32	0.06	17.8	13.2	1890
Q935358		3.24	22.2	0.17	5.6	0.054	2.25	31.9	138.0	1.23	1450	1.18	0.06	23.3	11.7	1430
Q935359		3.29	19.60	0.16	4.4	0.036	1.85	35.5	91.5	1.28	985	0.30	0.06	14.8	13.0	1790
Q935360		3.52	19.00	0.14	4.6	0.042	1.92	36.3	82.2	1.33	1190	0.66	0.06	13.4	12.4	1780
Q935361		3.34	17.80	0.14	4.5	0.036	1.85	35.0	82.6	1.24	995	0.70	0.06	12.9	11.6	1720
Q935362		2.28	18.15	0.14	2.9	0.109	2.95	20.9	25.0	0.67	2040	4.40	0.06	12.0	5.7	880
Q935363		0.48	0.27	0.21	<0.1	<0.005	0.04	0.6	1.5	12.40	214	0.09	<0.01	0.2	1.6	170
Q935364		2.26	18.05	0.19	3.7	0.044	2.83	24.0	28.5	0.84	964	0.72	0.08	11.9	3.7	740
Q935365		2.50	17.35	0.18	3.6	0.053	2.82	24.1	33.9	1.05	830	0.65	0.07	9.3	4.0	740
Q935366		2.69	18.45	0.14	3.5	0.052	2.74	26.6	137.0	1.07	623	1.41	0.08	9.7	4.2	770
Q935367		2.38	18.25	0.16	3.6	0.079	2.46	25.9	195.5	0.92	796	2.10	0.07	9.5	4.9	730
Q935368		2.52	18.00	0.16	3.7	0.046	2.36	25.9	204	1.03	791	1.19	0.08	9.5	4.3	740
Q935369		2.50	18.10	0.14	3.7	0.037	2.41	22.3	107.5	0.79	874	1.05	0.07	9.5	4.4	750
Q935370		2.61	17.75	0.14	3.6	0.048	2.46	23.5	70.1	0.89	1200	1.21	0.07	10.0	3.9	740
Q935371		6.36	15.30	0.12	1.1	0.824	2.79	24.4	20.0	0.75	1770	9.08	0.12	6.1	12.1	550
Q935372		2.85	19.60	0.14	3.6	0.094	3.01	23.1	49.7	0.73	1730	1.92	0.09	12.6	5.5	760
Q935373		2.57	18.50	0.13	3.9	0.052	3.01	19.4	32.4	0.66	2310	1.36	0.10	14.4	3.5	850
Q935374		4.26	20.6	0.14	3.1	0.624	3.11	21.1	30.1	0.50	2490	13.60	0.07	15.0	3.5	650
Q935375		1.74	18.00	0.12	2.9	0.095	2.64	12.7	42.4	0.38	2030	6.68	0.06	20.4	1.9	240
Q935376		0.95	18.50	0.11	3.5	0.029	2.53	11.6	66.8	0.28	1030	3.29	0.05	29.2	0.8	90
Q935377		0.46	18.15	0.09	3.0	0.010	2.62	7.3	19.1	0.13	423	0.56	0.04	20.9	0.3	40
Q935378		0.51	19.70	0.12	2.4	0.011	2.68	7.9	27.0	0.21	601	1.03	0.04	24.5	1.4	30
Q935379		0.46	19.20	0.10	2.9	0.008	2.50	7.6	38.8	0.19	525	0.93	0.05	21.4	0.4	30
Q935380		0.44	19.60	0.10	2.7	0.011	2.62	7.8	31.9	0.15	255	0.45	0.04	23.8	0.3	30
Q935381		0.41	19.95	0.20	2.4	0.009	2.54	7.8	30.8	0.14	234	0.59	0.04	24.4	0.7	30
Q935382		0.54	19.10	0.17	2.3	0.007	2.46	7.7	33.8	0.17	365	0.35	0.04	21.4	0.7	50
Q935383		0.67	19.00	0.14	2.5	0.008	2.50	7.5	30.2	0.24	670	0.32	0.04	20.7	0.7	40
Q935384		4.76	15.30	0.13	1.0	0.300	2.78	27.0	26.4	0.74	1740	14.75	0.14	6.0	14.3	500
Q935385		0.89	19.40	0.46	3.2	0.113	2.39	9.3	185.0	0.25	546	1.10	0.06	25.3	1.7	70
Q935386		2.48	15.95	0.28	1.7	0.220	2.74	27.3	63.4	1.14	2200	3.72	0.07	18.3	3.2	510

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126987

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935351		13.2	118.5	<0.002	0.03	16.40	7.5	1	1.3	418	0.78	<0.05	9.0	0.306	1.53	4.3
Q935352		17.7	113.5	<0.002	0.03	18.70	7.0	1	1.3	425	0.84	<0.05	9.4	0.278	1.59	6.6
Q935353		18.1	106.0	<0.002	0.06	18.70	6.8	1	1.2	499	0.78	<0.05	8.3	0.291	1.68	4.5
Q935354		38.5	126.5	<0.002	0.05	11.70	4.3	1	1.7	325	2.02	<0.05	20.3	0.116	1.22	11.4
Q935355		18.4	140.0	<0.002	0.06	14.85	3.4	1	2.2	212	2.47	<0.05	22.3	0.066	1.33	15.3
Q935356		1.4	1.7	<0.002	<0.01	0.11	0.2	<1	<0.2	50.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q935357		19.2	77.5	<0.002	0.05	20.6	8.5	1	1.3	807	0.92	<0.05	8.2	0.469	1.17	2.2
Q935358		32.0	77.1	<0.002	0.14	50.3	8.9	1	1.9	670	1.28	<0.05	10.5	0.451	1.47	6.2
Q935359		19.4	69.7	<0.002	0.06	17.75	8.2	1	1.2	706	0.83	<0.05	7.9	0.464	1.05	1.8
Q935360		25.5	75.7	<0.002	0.08	17.15	8.0	1	1.5	927	0.79	<0.05	7.6	0.435	1.14	3.1
Q935361		20.2	71.8	<0.002	0.05	18.15	7.6	1	1.5	897	0.75	<0.05	7.5	0.420	1.06	2.4
Q935362		91.8	121.0	<0.002	0.26	24.2	9.2	1	3.9	363	0.77	<0.05	9.2	0.311	1.94	6.7
Q935363		1.4	2.1	<0.002	<0.01	0.11	0.2	<1	<0.2	48.5	<0.05	<0.05	<0.2	0.005	0.02	0.5
Q935364		31.0	107.0	<0.002	0.07	14.25	7.4	1	1.5	458	0.80	<0.05	8.8	0.304	1.34	4.3
Q935365		34.3	114.0	<0.002	0.09	18.40	7.2	1	1.4	510	0.76	<0.05	8.6	0.300	1.30	3.9
Q935366		35.8	114.0	<0.002	0.14	23.2	7.3	1	1.3	544	0.81	<0.05	9.5	0.290	1.38	4.6
Q935367		470	97.6	<0.002	0.12	27.4	7.2	1	1.4	530	0.78	<0.05	9.1	0.288	1.31	7.7
Q935368		80.6	93.9	<0.002	0.06	21.7	7.4	1	1.5	646	0.78	<0.05	8.8	0.300	1.23	4.7
Q935369		72.1	93.9	<0.002	0.04	22.2	7.2	1	1.7	630	0.80	<0.05	8.2	0.299	1.30	4.4
Q935370		88.3	97.4	<0.002	0.04	24.0	7.4	1	1.4	767	0.77	<0.05	8.4	0.300	1.43	4.3
Q935371		1270	161.5	<0.002	4.61	65.6	9.1	2	8.0	94.0	0.54	1.21	10.6	0.208	2.52	5.1
Q935372		155.0	124.5	<0.002	0.35	27.2	8.0	1	2.5	585	0.81	<0.05	8.8	0.317	1.65	4.7
Q935373		62.7	112.5	<0.002	0.06	25.7	7.2	1	2.6	573	0.81	<0.05	7.7	0.319	1.49	5.8
Q935374		2670	176.5	<0.002	3.01	243	9.5	1	5.3	327	0.95	0.14	14.6	0.293	2.60	34.8
Q935375		483	141.0	<0.002	0.52	32.7	5.2	1	3.1	316	1.74	<0.05	16.9	0.117	1.69	14.9
Q935376		94.5	157.5	<0.002	0.02	10.45	4.0	1	3.3	243	2.37	<0.05	22.8	0.060	1.32	9.2
Q935377		37.5	169.0	<0.002	0.02	5.68	2.6	<1	1.8	171.0	2.45	<0.05	23.3	0.034	1.34	3.6
Q935378		69.6	188.5	<0.002	0.03	5.33	3.1	1	2.1	192.0	2.69	<0.05	24.7	0.035	1.56	9.9
Q935379		61.8	178.0	<0.002	0.03	5.51	3.1	1	1.6	171.5	2.63	<0.05	24.2	0.033	1.47	11.2
Q935380		59.9	182.5	<0.002	0.03	5.92	2.9	1	1.9	172.5	2.72	<0.05	24.7	0.034	1.51	13.1
Q935381		54.3	176.0	<0.002	0.03	5.86	3.0	1	2.1	166.5	2.55	<0.05	22.7	0.032	1.71	10.9
Q935382		36.0	170.5	<0.002	0.02	9.78	2.9	<1	2.1	185.0	2.45	<0.05	22.2	0.031	1.55	7.9
Q935383		36.3	169.5	<0.002	0.02	8.69	3.0	1	2.0	201	2.40	<0.05	21.4	0.032	1.56	3.8
Q935384		461	155.5	0.003	2.56	27.6	9.2	1	5.6	102.5	0.48	0.31	10.5	0.184	2.46	4.9
Q935385		64.2	156.0	0.092	0.13	15.25	3.4	15	3.6	225	2.26	1.01	18.2	0.045	1.47	14.5
Q935386		146.0	163.5	0.005	0.16	20.7	10.8	1	3.6	388	0.61	<0.05	12.3	0.234	1.72	13.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126987

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935351		69	2.2	14.4	80	133.5
Q935352		67	5.2	14.3	81	122.0
Q935353		65	3.6	14.0	78	116.0
Q935354		18	1.7	14.9	41	88.4
Q935355		12	1.4	16.9	42	89.4
Q935356		2	0.1	0.8	15	1.0
Q935357		79	1.7	14.9	123	184.5
Q935358		86	2.9	14.9	161	211
Q935359		79	1.9	12.4	100	176.5
Q935360		83	1.4	14.3	133	187.5
Q935361		81	1.3	12.9	118	176.0
Q935362		83	3.0	13.9	167	102.0
Q935363		2	0.1	0.8	16	0.9
Q935364		65	2.0	14.0	137	132.5
Q935365		68	1.8	13.9	160	128.5
Q935366		66	1.6	15.0	171	124.5
Q935367		67	1.7	14.4	148	129.5
Q935368		67	1.5	15.1	97	134.0
Q935369		67	1.8	13.9	82	136.0
Q935370		69	2.6	14.5	97	130.0
Q935371		62	5.9	11.9	2340	30.7
Q935372		73	5.6	14.5	276	133.0
Q935373		66	5.6	13.6	159	143.0
Q935374		75	6.8	13.0	3130	94.6
Q935375		27	3.2	15.5	662	63.0
Q935376		8	3.2	23.1	108	64.8
Q935377		<1	1.8	14.5	44	53.2
Q935378		<1	1.2	17.0	42	36.1
Q935379		<1	1.1	18.4	39	46.8
Q935380		<1	1.3	15.4	40	42.5
Q935381		<1	1.4	13.9	35	40.1
Q935382		1	1.5	14.3	40	40.0
Q935383		<1	1.4	15.0	44	44.6
Q935384		62	5.6	11.3	811	28.5
Q935385		6	2.3	15.5	60	61.2
Q935386		70	3.6	19.7	234	41.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14126987

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
This copy reported on 29-AUG-2014
Account: ROCKHA

CERTIFICATE WH14127061

Project: ROCKHA_WH14115505

P.O. No.: BATCH 123

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Re-analysis results for samples originally reported on certificate WH14115505***

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14115505

CERTIFICATE OF ANALYSIS WH14127061

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
Q933053		2.24	6.96	470	900	1.34	0.84	2.05	11.95	48.5	8.6	8	18.85	7.3	3.88	15.25
Q933054		20.7	5.49	1085	140	1.06	1.66	0.41	99.6	35.4	11.6	9	7.94	108.5	5.61	12.65
Q933055		0.05	0.04	2.0	30	<0.05	0.02	19.95	0.20	1.15	0.6	<1	0.13	2.0	0.43	0.17
Q933056		0.69	7.29	19.3	1680	1.62	0.89	2.12	0.98	51.4	8.6	9	14.85	7.1	3.13	16.50
Q933057		0.51	6.90	30.5	980	1.44	0.48	2.66	0.61	51.0	7.4	8	25.6	4.5	2.86	15.50
Q933058		0.29	6.62	35.0	1840	1.28	0.44	3.00	0.26	49.7	6.0	9	17.05	3.2	3.14	15.15
Q933059		0.25	6.87	27.8	1820	1.40	0.49	2.80	0.20	51.2	6.9	8	17.95	3.6	3.16	15.60
Q933060		0.07	6.89	32.2	1460	2.44	0.23	2.26	0.13	47.3	5.4	26	37.3	10.9	2.00	19.45
Q933061		0.83	6.70	27.2	2080	1.49	0.42	2.61	0.74	44.8	5.3	8	23.6	6.2	3.05	15.15
Q933062		0.29	7.22	33.8	1470	1.73	0.74	2.05	0.29	49.0	7.6	8	22.5	6.9	2.97	16.25
Q933063		0.27	6.88	63.2	1120	1.49	0.33	2.28	0.36	45.6	6.9	8	21.6	7.6	2.79	16.20
Q933064		9.03	6.68	3470	500	1.60	2.52	0.97	125.0	49.3	8.0	9	20.1	95.1	4.13	16.65
Q933065		0.08	6.77	31.3	250	1.90	0.17	2.90	0.28	53.8	5.2	26	36.7	11.7	2.25	18.85
Q933066		4.63	6.60	701	460	1.40	3.41	2.03	10.75	50.7	12.5	24	14.40	310	4.97	15.70
Q933067		0.28	6.63	22.3	2010	1.78	0.18	2.13	0.31	54.6	4.6	26	34.1	12.9	1.99	18.20
Q933068		0.38	7.92	36.1	490	1.99	0.25	2.46	0.66	45.7	5.0	32	31.2	11.4	1.76	24.1
Q933069		11.00	5.40	1080	260	1.64	0.47	0.49	42.0	47.5	10.0	7	16.50	22.4	4.22	14.00
Q933070		0.02	0.08	0.8	30	0.05	0.03	19.45	0.10	1.26	0.6	<1	0.71	1.6	0.43	0.26
Q933071		4.81	6.81	181.5	190	1.47	2.31	1.41	16.35	49.6	19.1	6	13.85	11.8	5.06	15.40
Q933072		12.00	6.31	1525	610	1.31	12.30	1.84	31.8	46.5	17.3	18	14.05	277	6.35	15.10
Q933073		0.19	6.79	50.3	1870	1.55	0.21	2.26	0.36	38.8	5.6	8	19.20	6.8	2.58	16.15
Q933074		14.90	6.55	527	650	1.37	1.48	1.87	48.8	41.2	6.4	8	15.35	83.1	4.33	14.45
Q933075		0.39	6.87	42.9	2010	1.61	0.35	2.62	0.62	45.1	7.4	10	11.50	8.5	2.81	16.30
Q933076		6.49	6.61	131.5	100	1.27	8.91	2.77	8.66	31.1	137.0	8	8.45	53.7	7.85	16.45
Q933077		0.47	7.21	8.6	2980	1.66	0.98	2.49	0.26	52.2	8.1	11	10.15	7.1	2.81	16.35
Q933078		0.93	6.88	5.6	1360	1.55	25.0	2.21	0.27	46.1	10.6	9	7.15	2.3	3.05	15.90
Q933079		0.14	6.83	6.6	2430	1.43	0.52	2.32	0.13	45.4	5.9	10	7.92	5.6	2.74	15.45
Q933080		0.86	6.69	10.8	390	1.44	2.23	2.38	0.20	40.9	9.7	9	7.66	2.3	3.37	15.00
Q933081		1.87	6.47	19.8	360	1.54	2.95	2.78	1.43	22.2	13.2	17	7.38	11.5	4.81	15.65
Q933082		3.56	6.79	33.7	1280	1.53	4.51	2.47	1.23	42.5	8.0	9	11.75	53.3	3.15	15.75
Q933083		3.57	6.98	32.0	1340	1.46	4.50	2.48	1.21	44.9	8.2	9	11.75	51.5	3.22	15.80
Q933084		0.61	6.58	86.2	1290	1.49	0.57	2.92	1.10	42.6	6.6	8	16.80	35.3	2.69	15.35
Q933085		3.29	6.69	101.0	1610	1.53	1.22	2.52	8.89	45.8	10.0	9	16.20	40.4	3.34	15.35
Q933086		0.29	7.05	31.2	2130	1.62	0.46	2.77	1.44	52.6	11.4	10	10.35	4.1	2.57	16.80
Q933087		0.19	6.60	11.0	1800	1.71	0.69	2.07	0.17	38.8	16.6	8	17.95	3.5	2.60	15.65
Q933088		0.09	6.66	8.8	2360	1.55	0.37	2.37	0.14	40.7	7.2	10	23.2	5.1	2.71	15.85

Comments: ***Re-analysis results for samples originally reported on certificate WH14115505***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14115505

CERTIFICATE OF ANALYSIS WH14127061

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
Q933053		0.13	1.0	0.068	3.13	26.7	24.2	0.83	1240	3.24	0.03	7.4	2.8	520	635	173.0
Q933054		0.11	0.8	0.564	2.67	18.8	12.9	0.31	658	5.77	0.02	5.5	2.7	390	3460	162.5
Q933055		0.13	<0.1	<0.005	0.02	0.5	1.0	12.65	187	0.11	<0.01	0.1	1.3	170	2.3	1.1
Q933056		0.16	1.1	0.052	2.93	27.3	97.2	0.69	633	1.31	0.93	7.9	2.3	560	57.1	134.0
Q933057		0.14	1.1	0.065	2.83	27.6	100.5	0.93	861	2.48	0.08	7.5	2.3	540	46.0	122.5
Q933058		0.13	1.1	0.055	2.70	26.4	56.3	0.94	605	1.15	0.84	7.5	2.4	560	22.4	92.1
Q933059		0.16	1.1	0.051	2.72	28.2	55.2	0.89	565	1.50	0.85	7.7	2.3	560	16.9	104.5
Q933060		0.16	3.1	0.034	2.69	23.8	264	0.84	379	0.57	0.05	9.7	17.1	710	23.6	106.0
Q933061		0.13	1.0	0.046	3.04	23.3	106.5	0.92	741	1.70	0.35	7.9	3.0	570	285	119.5
Q933062		0.14	1.1	0.038	2.98	26.4	309	0.75	581	2.12	0.25	8.2	2.5	590	30.4	132.5
Q933063		0.12	1.1	0.050	2.59	23.4	337	0.83	850	0.93	0.07	8.3	2.7	590	44.3	89.9
Q933064		0.10	1.3	1.775	3.09	26.7	28.9	0.52	738	7.37	0.04	7.1	6.5	520	2000	174.5
Q933065		0.13	3.4	0.027	2.34	27.5	191.0	0.87	654	1.20	0.05	9.3	16.7	690	15.1	90.8
Q933066		0.12	1.1	0.320	2.98	29.1	28.3	0.78	1900	15.70	0.15	6.5	14.6	520	483	164.5
Q933067		0.14	3.3	0.023	2.47	28.4	52.8	0.81	524	2.21	0.06	8.9	13.9	660	22.7	96.6
Q933068		0.11	4.3	0.043	3.16	21.8	144.5	0.83	430	2.91	0.05	12.4	13.6	800	33.4	89.2
Q933069		0.12	1.1	0.226	2.39	24.3	36.8	0.38	1020	135.0	0.03	5.9	7.5	390	4720	130.0
Q933070		0.16	<0.1	<0.005	0.04	0.6	1.6	12.35	185	0.55	<0.01	0.2	1.3	160	2.9	2.3
Q933071		0.12	1.0	0.129	3.32	26.3	14.4	0.63	1300	10.50	0.03	6.9	2.6	500	963	193.5
Q933072		0.12	1.0	0.751	2.82	25.2	18.5	0.75	1780	8.78	0.12	6.5	12.1	510	1290	163.5
Q933073		0.12	1.1	0.047	3.29	18.8	204	0.62	763	0.75	0.57	8.1	2.0	570	23.2	120.0
Q933074		0.11	0.9	0.343	3.03	22.6	19.5	0.69	2140	3.91	0.03	6.6	2.3	490	2050	173.5
Q933075		0.13	1.2	0.055	3.32	21.7	18.0	0.70	1120	0.68	1.18	7.8	2.2	570	45.1	132.5
Q933076		0.11	1.1	0.823	3.38	15.5	22.0	0.84	1180	3.33	0.13	6.2	4.7	680	164.5	192.0
Q933077		0.12	1.3	0.050	2.89	27.2	13.4	0.70	548	0.95	1.85	8.1	2.4	540	24.8	118.5
Q933078		0.14	1.1	0.047	3.03	23.8	28.2	0.67	567	0.35	1.68	6.8	2.2	530	34.0	126.0
Q933079		0.13	1.4	0.044	2.58	23.3	11.7	0.71	456	0.59	1.89	7.8	2.0	530	15.6	104.5
Q933080		0.14	1.2	0.055	2.74	20.1	16.5	0.68	544	0.76	1.33	6.7	2.3	510	21.8	120.0
Q933081		0.11	1.7	0.096	3.31	9.7	28.6	0.81	1330	3.67	0.15	5.9	5.7	620	40.8	170.5
Q933082		0.12	1.0	0.093	3.15	21.5	50.4	0.56	1120	0.60	0.43	6.5	2.2	550	118.0	145.0
Q933083		0.13	1.1	0.091	3.15	23.1	51.2	0.57	1080	0.62	0.43	6.5	2.4	560	120.5	151.5
Q933084		0.13	1.0	0.060	3.20	21.8	58.0	0.78	1080	0.57	0.08	7.0	2.0	540	30.1	142.0
Q933085		0.12	1.0	0.127	2.98	24.6	68.5	0.75	2030	0.62	0.27	7.3	2.2	530	478	150.5
Q933086		0.14	1.2	0.048	2.52	27.8	15.0	0.62	476	0.78	1.68	8.0	2.3	580	24.7	127.0
Q933087		0.13	1.1	0.045	2.39	20.2	285	0.58	489	0.79	0.31	7.2	2.3	550	13.0	99.4
Q933088		0.14	1.1	0.041	2.53	20.1	213	0.54	517	0.49	0.90	7.9	2.1	560	16.9	96.7

Comments: ***Re-analysis results for samples originally reported on certificate WH14115505***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14115505

CERTIFICATE OF ANALYSIS WH14127061

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
Q933053		<0.002	2.11	11.75	10.6	1	2.5	136.5	0.65	0.23	13.2	0.223	2.62	4.9	64	4.6
Q933054		<0.002	6.13	49.8	7.6	1	5.2	31.2	0.51	0.26	10.1	0.159	2.41	5.8	51	5.0
Q933055		<0.002	0.01	0.21	0.1	<1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2	0.1
Q933056		<0.002	1.45	7.73	10.5	1	2.1	249	0.68	0.89	15.4	0.232	1.77	4.7	65	1.5
Q933057		<0.002	0.90	13.95	9.8	1	1.9	263	0.62	0.18	12.1	0.221	1.91	5.3	63	3.0
Q933058		<0.002	0.64	6.41	9.6	1	1.9	285	0.65	0.19	11.2	0.234	1.44	4.1	68	2.0
Q933059		<0.002	0.66	6.10	10.0	1	1.9	284	0.64	0.23	12.5	0.227	1.46	4.4	66	2.0
Q933060		<0.002	0.07	9.46	5.9	1	1.7	713	0.78	<0.05	9.3	0.273	1.92	4.1	53	1.7
Q933061		<0.002	0.51	11.10	10.2	<1	1.9	248	0.62	0.13	11.7	0.244	2.05	3.6	69	3.0
Q933062		<0.002	0.94	17.10	10.8	1	1.9	244	0.66	0.42	14.1	0.239	1.97	4.2	68	2.9
Q933063		<0.002	0.24	19.85	10.2	1	1.7	239	0.67	<0.05	12.1	0.244	1.59	3.6	67	2.5
Q933064		<0.002	3.38	28.8	9.0	1	7.5	125.5	0.57	0.35	13.3	0.206	2.68	4.7	59	6.0
Q933065		<0.002	0.06	14.15	6.0	<1	1.6	382	0.75	<0.05	10.0	0.254	1.43	4.3	48	1.9
Q933066		0.004	2.71	28.9	9.5	1	5.6	108.5	0.54	0.34	11.9	0.198	2.45	5.3	65	5.7
Q933067		<0.002	0.10	20.6	5.8	1	1.7	291	0.72	<0.05	10.1	0.245	1.65	6.9	50	2.6
Q933068		<0.002	0.17	21.8	6.6	1	2.0	445	0.95	<0.05	9.7	0.320	2.67	12.0	62	2.8
Q933069		0.014	2.85	155.0	7.3	<1	8.5	117.5	0.49	0.08	9.6	0.171	2.98	51.3	54	5.1
Q933070		<0.002	<0.01	0.42	0.2	<1	<0.2	46.3	<0.05	<0.05	<0.2	<0.005	0.02	0.6	2	0.1
Q933071		<0.002	4.54	19.60	9.7	1	5.3	70.8	0.57	0.66	12.8	0.206	3.12	8.5	61	6.0
Q933072		<0.002	4.57	64.4	9.2	2	7.7	94.5	0.56	1.48	11.5	0.197	2.56	5.3	61	6.0
Q933073		<0.002	0.24	14.35	9.5	1	1.7	245	0.65	0.05	10.9	0.246	2.06	3.4	67	2.2
Q933074		<0.002	3.77	45.9	9.1	1	3.7	114.0	0.51	0.06	11.7	0.203	2.74	5.1	58	5.0
Q933075		<0.002	0.71	5.29	9.4	1	2.0	262	0.68	0.09	10.6	0.231	2.11	3.9	65	1.5
Q933076		<0.002	7.47	6.94	10.2	2	6.5	93.3	0.54	3.89	9.9	0.192	2.51	5.0	70	5.1
Q933077		<0.002	0.94	2.19	9.9	1	1.9	391	0.75	0.31	15.1	0.225	1.41	5.0	63	1.1
Q933078		<0.002	1.85	1.45	9.3	1	2.0	252	0.61	14.20	12.1	0.195	1.54	4.3	62	1.3
Q933079		<0.002	0.88	1.60	9.6	1	1.6	793	0.71	0.14	13.0	0.212	1.32	4.4	62	1.0
Q933080		<0.002	2.39	1.87	9.3	1	1.6	448	0.63	0.49	11.6	0.192	1.61	4.6	60	1.7
Q933081		<0.002	3.44	6.39	9.0	1	1.8	106.5	0.46	0.55	7.7	0.222	2.44	3.5	69	2.0
Q933082		<0.002	1.95	8.46	9.1	1	1.9	159.5	0.56	0.29	11.8	0.206	2.27	4.1	63	1.8
Q933083		<0.002	2.02	8.48	9.4	1	2.0	161.5	0.53	0.25	12.4	0.201	2.22	4.2	63	1.8
Q933084		<0.002	1.26	16.10	9.3	1	1.7	136.5	0.60	0.14	10.6	0.215	2.66	4.1	63	1.9
Q933085		<0.002	1.37	18.00	10.0	1	2.5	152.0	0.60	0.10	10.9	0.224	2.30	4.5	63	3.4
Q933086		<0.002	1.05	2.80	10.6	1	2.3	284	0.68	0.12	14.7	0.232	1.32	4.7	65	1.5
Q933087		<0.002	1.15	17.30	9.0	1	2.1	167.0	0.60	0.22	10.8	0.217	1.49	4.4	61	2.3
Q933088		<0.002	0.50	14.30	9.5	1	1.8	253	0.66	0.09	11.6	0.239	1.32	4.0	65	3.1

Comments: ***Re-analysis results for samples originally reported on certificate WH14115505***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14115505

CERTIFICATE OF ANALYSIS WH14127061

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61
	Analyte	Y	Zn	Zr
	Units	ppm	ppm	ppm
	LOR	0.1	2	0.5
Q933053		12.7	841	26.8
Q933054		7.4	7490	23.0
Q933055		0.8	26	<0.5
Q933056		14.9	98	29.4
Q933057		14.7	77	27.9
Q933058		15.0	55	27.5
Q933059		15.7	43	29.5
Q933060		12.3	73	114.5
Q933061		14.9	85	26.9
Q933062		16.2	53	31.1
Q933063		14.8	64	29.9
Q933064		11.1	7690	37.6
Q933065		13.5	65	123.5
Q933066		12.8	874	31.9
Q933067		12.8	65	118.5
Q933068		12.9	94	163.0
Q933069		9.0	2460	33.8
Q933070		0.8	16	0.6
Q933071		11.3	1050	26.6
Q933072		11.7	2390	29.2
Q933073		13.0	55	29.7
Q933074		11.9	4440	26.3
Q933075		14.1	71	32.7
Q933076		11.2	802	28.6
Q933077		16.1	51	34.7
Q933078		12.3	54	32.3
Q933079		14.5	42	36.2
Q933080		12.2	53	31.4
Q933081		11.5	161	62.0
Q933082		12.2	129	29.0
Q933083		12.4	132	30.4
Q933084		12.4	108	27.1
Q933085		14.2	882	26.5
Q933086		16.3	142	33.6
Q933087		13.8	42	28.6
Q933088		13.7	43	29.4

Comments: ***Re-analysis results for samples originally reported on certificate WH14115505***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: ROCKHA_WH14115505

Finalized Date: 26-AUG-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14127061

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
This copy reported on 29-AUG-2014
Account: ROCKHA

CERTIFICATE WH14127064

Project: ROCKHA_WH14115508

P.O. No.: BATCH 126

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Re-analysis results for samples originally reported on certificate WH14115508***

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14115508

CERTIFICATE OF ANALYSIS WH14127064

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
Q926544		0.14	7.70	12.4	1760	1.33	0.17	1.59	0.16	40.2	8.1	10	11.20	22.3	3.06	17.75
Q926545		0.09	7.36	9.8	1840	1.26	0.15	2.04	0.08	42.9	8.3	11	13.00	11.7	3.03	17.75
Q926546		2.46	6.65	96.0	4670	1.33	0.16	3.90	2.52	54.1	8.2	8	18.55	62.4	3.57	15.20
Q926547		0.10	6.96	11.2	1920	1.51	0.21	3.10	0.11	43.1	8.6	9	17.10	5.6	3.32	16.70
Q926548		0.36	7.17	26.2	720	1.56	0.10	3.24	0.61	50.7	8.1	10	25.3	16.4	3.37	15.90
Q926549		0.38	7.04	26.8	740	1.47	0.10	3.14	0.67	51.9	8.4	8	25.4	17.8	3.29	16.20
Q926550		1.06	6.68	712	1350	1.59	0.12	2.38	4.02	59.1	8.8	7	23.8	8.9	3.71	15.10
Q926551		0.08	7.67	7.6	2180	1.53	0.13	2.55	0.11	50.2	9.1	13	14.85	11.7	3.42	17.25
Q926552		0.21	7.28	36.1	1990	1.58	0.27	2.81	0.79	46.7	7.9	10	15.40	9.9	3.34	16.85
Q926553		0.07	7.22	6.8	2100	1.68	0.14	3.03	0.09	46.1	8.5	9	17.40	9.4	3.29	17.20
Q926554		0.09	7.39	16.1	1440	1.67	0.18	2.26	0.23	47.2	8.3	11	27.1	6.4	3.06	17.10
Q926555		0.28	6.50	23.3	1240	1.51	0.11	2.53	2.47	47.7	10.4	9	17.25	6.4	4.34	15.00
Q926556		11.30	6.43	1535	670	1.33	12.85	1.88	32.5	47.6	17.7	19	14.45	283	6.41	15.65
Q926557		0.21	6.21	30.6	3660	1.33	0.34	3.45	0.49	45.4	8.6	8	21.8	9.1	3.30	13.90
Q926558		1.87	6.73	177.5	390	1.35	2.11	1.33	3.61	50.0	9.0	9	11.30	35.1	4.78	15.60
Q926559		6.22	5.35	1800	410	0.93	3.90	0.66	52.6	34.5	26.9	9	9.31	63.5	7.31	13.65
Q926560		0.02	0.08	5.9	30	0.06	0.04	20.9	0.14	1.34	0.7	1	0.24	2.1	0.49	0.26
Q926561		8.28	6.82	598	150	1.39	2.23	1.25	35.2	55.1	11.5	15	17.85	110.0	5.73	16.30
Q926562		1.90	6.65	150.0	750	2.11	0.54	1.86	4.63	65.7	10.8	18	31.2	21.4	2.71	17.50
Q926563		0.05	7.79	39.1	980	1.58	0.09	2.14	0.25	82.0	12.7	33	29.8	5.7	3.47	20.3
Q926564		0.30	7.18	36.7	2580	1.95	0.13	2.92	0.49	71.5	5.7	13	27.6	9.7	2.44	18.05
Q926565		0.06	6.71	19.6	1710	1.60	0.09	2.41	0.44	62.6	4.6	12	26.4	1.8	2.48	17.55
Q926566		0.25	6.87	35.2	2020	1.90	0.16	2.51	0.47	62.3	6.3	14	27.0	8.2	2.40	18.25
Q926567		0.23	7.36	28.0	1230	1.28	0.32	1.57	0.62	67.0	6.8	9	13.45	13.4	3.63	16.40
Q926568		0.21	7.85	19.4	1370	1.45	0.30	1.76	0.60	56.8	7.0	9	13.15	13.3	4.06	17.05
Q926569		0.24	6.93	30.0	980	1.59	0.31	2.34	0.74	57.3	7.9	8	21.2	5.8	3.51	15.35
Q926570		0.15	7.23	13.2	1510	1.40	0.24	2.64	1.62	43.9	7.6	9	14.95	11.2	3.39	17.20
Q926571		4.72	6.56	699	450	1.40	3.35	2.01	10.80	50.4	12.5	24	14.20	303	4.90	15.80
Q926572		0.12	7.71	8.1	2010	1.63	0.17	2.36	0.23	52.0	8.2	11	19.30	7.7	3.49	17.20
Q926573		0.20	7.61	14.2	1890	1.63	0.25	2.37	0.32	51.4	8.8	9	20.3	10.4	4.06	17.00
Q926574		0.36	7.19	76.6	1330	1.48	0.26	2.59	0.64	56.5	7.9	9	20.6	28.5	4.23	15.60
Q926575		0.31	6.81	67.6	2120	1.50	0.32	2.90	0.50	57.0	8.4	9	19.45	30.0	4.06	14.95
Q926576		0.01	0.06	<0.2	30	0.06	0.03	20.1	0.07	1.27	0.6	1	0.17	1.1	0.45	0.21
Q926577		0.25	7.11	34.0	1030	1.38	0.19	2.54	0.36	54.1	8.0	8	22.1	19.2	3.70	15.30
Q926578		0.52	6.49	35.8	2570	1.20	0.25	4.04	3.68	58.2	8.2	7	20.4	28.0	3.91	13.75
Q926579		0.33	6.57	28.3	1630	1.24	0.88	1.40	0.38	28.4	8.4	8	12.95	16.9	3.15	16.25

Comments: ***Re-analysis results for samples originally reported on certificate WH14115508***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14115508

CERTIFICATE OF ANALYSIS WH14127064

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
Q926544		0.13	1.2	0.050	2.93	20.0	36.2	0.57	1200	0.34	0.08	9.0	2.8	700	20.3	105.5
Q926545		0.13	1.2	0.040	2.59	21.1	41.9	0.59	616	0.56	0.11	9.1	2.8	680	14.5	77.2
Q926546		0.13	1.2	0.153	2.79	30.2	63.4	1.20	5120	0.98	0.06	7.7	2.7	560	100.5	145.0
Q926547		0.14	1.1	0.059	3.12	21.7	46.0	0.86	1120	0.31	0.77	8.2	2.7	630	14.8	115.0
Q926548		0.12	1.1	0.074	2.51	28.1	122.5	1.18	2180	0.81	0.04	7.8	2.7	660	25.0	128.0
Q926549		0.11	1.1	0.069	2.47	28.2	127.5	1.15	2120	1.06	0.04	7.9	2.9	640	23.0	127.0
Q926550		0.11	1.1	0.103	2.72	33.3	71.6	0.85	7280	0.99	0.04	6.9	2.7	550	248	136.5
Q926551		0.14	1.2	0.047	2.72	26.0	24.8	0.91	803	0.87	1.42	9.0	3.5	690	17.4	102.5
Q926552		0.12	1.2	0.065	3.28	23.9	29.3	0.86	2460	0.79	0.85	8.4	3.3	740	37.9	129.0
Q926553		0.13	1.2	0.043	2.68	23.1	12.4	0.84	783	0.90	1.98	8.9	2.8	640	18.6	92.6
Q926554		0.13	1.1	0.051	2.97	24.4	57.0	0.74	1090	0.54	0.67	8.6	2.7	660	16.8	118.5
Q926555		0.13	1.0	0.037	2.64	26.8	72.1	1.14	3580	0.46	0.03	7.1	2.7	550	189.0	133.5
Q926556		0.13	1.1	0.807	2.88	26.0	18.0	0.77	1820	9.32	0.12	6.7	12.0	530	1290	168.0
Q926557		0.11	1.0	0.046	2.49	25.3	46.7	1.26	1670	0.37	0.04	6.8	2.3	510	38.0	124.0
Q926558		0.11	1.1	0.162	3.24	28.0	12.0	0.65	2190	0.81	0.03	7.4	2.6	540	173.0	195.0
Q926559		0.12	0.8	0.287	2.48	17.8	13.2	0.46	1880	1.31	0.03	5.7	2.8	420	992	146.0
Q926560		0.11	<0.1	0.006	0.03	0.7	1.2	13.35	217	0.10	<0.01	0.2	1.5	170	2.6	1.8
Q926561		0.12	2.1	0.195	2.70	28.0	38.9	0.68	547	8.31	0.04	8.8	6.3	930	1150	151.0
Q926562		0.14	3.3	0.061	2.19	35.6	36.5	0.87	933	4.44	0.05	10.3	7.8	980	165.5	110.5
Q926563		0.15	4.4	0.043	2.29	43.5	68.9	1.13	918	0.61	0.05	13.2	13.8	1770	13.4	101.0
Q926564		0.15	2.5	0.038	1.96	37.8	79.2	0.96	990	2.20	0.07	12.2	3.5	880	23.6	70.4
Q926565		0.16	2.4	0.034	2.44	32.6	90.9	0.87	1060	0.97	0.05	11.6	3.0	830	12.9	90.3
Q926566		0.14	2.9	0.030	2.52	32.5	64.2	0.93	818	1.66	0.05	11.4	4.4	950	29.1	101.5
Q926567		0.12	1.2	0.083	3.17	37.0	53.2	0.87	1530	0.57	0.06	8.4	2.8	610	38.6	134.0
Q926568		0.12	1.4	0.113	3.38	31.6	38.3	1.01	1960	0.77	0.06	8.6	2.9	640	37.7	168.0
Q926569		0.14	1.1	0.093	2.81	33.1	52.7	0.99	1720	0.68	0.04	8.0	2.3	580	39.3	147.0
Q926570		0.13	1.2	0.055	2.71	22.0	41.2	0.85	1200	0.30	0.38	8.8	2.7	700	28.3	96.7
Q926571		0.10	1.1	0.315	2.94	29.0	24.3	0.77	1820	13.95	0.15	6.5	14.5	520	490	163.5
Q926572		0.14	1.2	0.063	3.06	26.8	25.0	0.85	1100	0.37	0.72	8.8	2.7	680	32.1	120.5
Q926573		0.14	1.1	0.101	3.15	27.1	30.0	0.88	2040	0.49	0.42	8.4	2.8	670	34.7	143.0
Q926574		0.13	1.0	0.148	3.22	31.5	34.8	1.04	4110	0.59	0.04	7.8	2.9	660	51.6	178.0
Q926575		0.13	1.0	0.195	2.98	32.6	24.5	1.09	3990	0.51	0.03	7.2	2.7	580	36.6	190.5
Q926576		0.14	<0.1	0.005	0.02	0.6	1.1	12.80	203	0.14	<0.01	0.1	1.9	170	3.0	1.3
Q926577		0.13	1.1	0.156	3.19	30.1	24.4	0.97	3020	0.53	0.03	7.1	2.7	610	38.0	165.0
Q926578		0.13	1.0	0.341	2.82	32.3	29.9	1.27	4280	0.61	0.03	6.8	2.4	540	53.2	173.5
Q926579		0.11	1.4	0.042	2.86	13.9	26.3	0.19	1240	3.73	0.06	8.5	2.8	600	28.4	117.0

Comments: ***Re-analysis results for samples originally reported on certificate WH14115508***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14115508

CERTIFICATE OF ANALYSIS WH14127064

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
Q926544		<0.002	0.09	15.95	12.0	1	1.8	117.5	0.73	<0.05	11.2	0.298	1.38	3.1	80	6.5
Q926545		<0.002	0.04	12.65	11.8	1	1.9	163.5	0.71	<0.05	11.3	0.288	1.19	2.5	81	3.6
Q926546		<0.002	0.58	36.1	10.7	1	2.1	190.0	0.66	<0.05	12.5	0.233	2.02	5.3	69	4.0
Q926547		<0.002	0.17	8.00	11.0	1	1.6	233	0.68	<0.05	11.3	0.273	2.05	3.9	78	1.6
Q926548		<0.002	0.23	21.0	11.4	1	1.6	209	0.60	<0.05	13.4	0.263	2.10	6.0	79	4.8
Q926549		<0.002	0.23	21.5	11.6	1	1.6	207	0.61	<0.05	14.0	0.254	2.01	5.6	76	4.8
Q926550		<0.002	0.74	35.5	10.3	1	1.4	160.5	0.57	<0.05	12.4	0.230	2.34	6.7	70	3.7
Q926551		<0.002	0.02	6.19	13.0	1	1.7	341	0.71	<0.05	13.3	0.305	1.14	3.9	87	2.2
Q926552		<0.002	0.25	7.29	10.2	1	1.8	274	0.62	<0.05	11.2	0.272	1.91	3.9	77	2.4
Q926553		<0.002	0.02	4.42	11.5	<1	1.5	375	0.70	<0.05	11.6	0.282	1.16	3.9	82	1.5
Q926554		<0.002	0.17	12.10	11.5	1	1.6	213	0.68	<0.05	12.7	0.281	2.43	3.6	79	2.2
Q926555		<0.002	0.23	17.90	10.2	1	2.6	187.0	0.57	<0.05	12.4	0.232	2.59	7.0	68	5.1
Q926556		<0.002	4.65	63.2	9.6	2	8.1	97.5	0.56	1.04	11.5	0.204	2.49	5.4	61	5.9
Q926557		<0.002	0.39	16.80	9.5	1	2.3	197.5	0.56	<0.05	11.7	0.215	1.98	6.3	63	3.4
Q926558		<0.002	3.03	15.40	10.3	1	6.7	56.3	0.65	<0.05	13.6	0.229	2.49	5.3	66	4.4
Q926559		<0.002	6.18	24.5	8.1	1	10.2	82.2	0.47	0.48	8.4	0.181	1.86	3.0	55	4.5
Q926560		<0.002	<0.01	0.23	0.2	<1	<0.2	49.0	<0.05	<0.05	<0.2	<0.005	0.02	0.7	2	0.1
Q926561		<0.002	5.07	39.9	9.2	1	9.4	574	0.65	0.07	9.8	0.289	1.99	7.0	71	3.8
Q926562		<0.002	0.47	26.2	6.6	<1	2.1	569	0.66	<0.05	9.1	0.280	2.09	5.9	61	2.7
Q926563		<0.002	0.04	27.6	8.4	<1	1.3	869	0.82	<0.05	9.0	0.441	2.04	3.0	80	4.2
Q926564		<0.002	0.12	9.54	6.0	1	1.5	539	0.81	<0.05	10.3	0.250	1.46	5.3	52	2.3
Q926565		<0.002	0.06	15.05	5.7	1	1.3	307	0.77	<0.05	9.4	0.235	1.99	4.0	48	2.6
Q926566		<0.002	0.17	15.35	6.4	<1	1.5	411	0.76	<0.05	9.4	0.263	2.92	5.5	55	1.9
Q926567		<0.002	0.34	10.90	11.6	<1	2.2	135.0	0.73	<0.05	17.2	0.253	1.92	4.5	73	3.2
Q926568		<0.002	0.24	9.02	12.1	<1	2.4	114.0	0.70	<0.05	16.1	0.276	2.17	4.5	80	3.4
Q926569		<0.002	0.42	15.85	10.6	1	1.8	165.5	0.70	<0.05	14.4	0.240	2.55	5.7	68	2.6
Q926570		<0.002	0.13	10.15	12.5	1	1.7	232	0.71	<0.05	11.2	0.282	1.66	3.5	85	1.9
Q926571		0.005	2.69	28.9	9.4	1	5.7	107.5	0.53	0.31	11.4	0.195	2.44	5.4	64	5.5
Q926572		<0.002	0.10	7.19	12.6	1	1.8	258	0.68	<0.05	12.4	0.297	1.55	3.2	84	1.7
Q926573		<0.002	0.22	9.01	12.5	1	1.9	228	0.65	<0.05	12.4	0.271	1.90	2.9	81	2.4
Q926574		<0.002	0.55	16.60	11.6	<1	2.1	165.0	0.59	<0.05	13.2	0.257	2.81	4.7	78	4.3
Q926575		<0.002	0.70	17.90	10.8	1	1.9	151.5	0.57	<0.05	12.7	0.240	2.86	5.9	70	4.0
Q926576		<0.002	<0.01	0.08	0.2	<1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
Q926577		<0.002	0.44	14.80	11.0	1	1.8	158.0	0.60	<0.05	14.3	0.249	2.79	4.5	75	3.4
Q926578		<0.002	0.59	17.90	10.4	1	1.6	175.5	0.53	<0.05	12.2	0.229	2.45	4.2	68	3.2
Q926579		<0.002	0.18	20.2	10.6	<1	2.3	60.1	0.70	<0.05	8.4	0.275	1.73	4.1	80	2.4

Comments: ***Re-analysis results for samples originally reported on certificate WH14115508***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26-AUG-2014
Account: ROCKHA

Project: ROCKHA_WH14115508

CERTIFICATE OF ANALYSIS WH14127064

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61
	Analyte	Y	Zn	Zr
	Units	ppm	ppm	ppm
	LOR	0.1	2	0.5
Q926544		13.8	59	31.3
Q926545		14.7	43	32.8
Q926546		16.8	248	30.3
Q926547		13.8	63	29.8
Q926548		17.2	104	30.5
Q926549		17.4	102	32.7
Q926550		16.9	331	27.1
Q926551		18.2	60	30.6
Q926552		15.8	109	35.3
Q926553		16.3	60	34.0
Q926554		14.8	72	31.8
Q926555		14.1	258	28.1
Q926556		12.4	2410	30.5
Q926557		14.1	85	27.9
Q926558		11.7	300	29.8
Q926559		9.5	3550	23.7
Q926560		0.8	21	<0.5
Q926561		11.8	2960	78.1
Q926562		13.8	432	131.0
Q926563		15.1	108	181.0
Q926564		14.2	90	91.1
Q926565		13.3	100	84.0
Q926566		14.1	89	109.5
Q926567		16.2	105	31.3
Q926568		17.5	112	33.2
Q926569		16.4	120	29.6
Q926570		16.3	213	31.5
Q926571		12.8	864	31.5
Q926572		18.1	86	32.3
Q926573		17.9	94	29.0
Q926574		17.4	112	28.1
Q926575		18.7	113	28.3
Q926576		0.8	15	<0.5
Q926577		17.6	98	29.0
Q926578		25.8	471	27.6
Q926579		11.9	81	39.6

Comments: ***Re-analysis results for samples originally reported on certificate WH14115508***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: ROCKHA_WH14115508

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 26-AUG-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14127064

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 ME-MS61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

CERTIFICATE WH14128250

Project: KLAZA

P.O. No.: BATCH 185

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

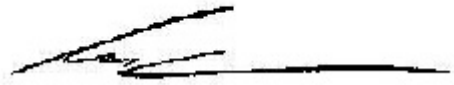
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128250

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933449		5.31	0.138	3.15	7.28	69.1	1470	1.35	0.64	2.00	9.60	42.7	7.5	13	16.30	39.9
Q933450		11.63	<0.005	0.24	7.24	12.0	2580	1.46	2.00	2.58	0.15	46.2	6.9	17	15.25	14.4
Q933451		<0.02	<0.005	0.20	7.38	11.0	2550	1.47	1.22	2.63	0.17	51.9	7.0	16	15.40	14.5
Q933452		7.07	0.021	0.18	7.44	9.4	2220	1.53	1.08	2.48	0.18	47.2	7.3	14	13.65	16.1
Q933453		2.83	0.050	2.10	6.60	111.0	1160	1.25	0.62	3.62	3.89	44.3	7.0	11	22.4	28.6
Q933454		8.61	0.167	3.37	7.21	68.1	1690	1.57	1.51	2.75	1.83	48.8	7.7	15	13.05	23.4
Q933455		12.21	0.016	0.37	7.38	32.6	2090	1.41	0.46	2.29	0.49	50.5	7.9	13	14.05	12.2
Q933456		0.31	0.896	12.25	6.54	1540	340	1.41	12.20	1.86	32.9	46.9	17.7	18	14.00	292
Q933457		12.75	0.014	0.49	7.51	21.7	2120	1.57	0.77	2.54	0.25	48.4	9.2	12	14.75	9.8
Q933458		5.43	0.012	0.16	7.65	5.4	2070	1.52	1.69	2.26	0.11	49.9	7.8	11	12.85	15.2
Q933459		2.32	0.037	1.50	6.65	39.7	370	1.33	1.22	2.23	1.58	46.0	6.9	10	19.90	4.4
Q933460		7.94	0.007	0.20	7.75	17.1	1730	1.36	0.76	1.37	0.24	51.6	6.7	11	12.60	10.1
Q933461		3.48	0.009	0.20	7.70	15.5	1930	1.34	0.70	1.45	0.18	47.9	7.3	12	14.00	11.8
Q933462		7.10	0.246	2.82	6.88	798	310	1.54	1.17	1.60	15.00	47.3	7.0	11	16.25	21.8
Q933463		5.95	<0.005	0.24	7.41	18.6	1450	2.12	0.24	1.81	0.74	65.9	7.9	15	22.8	14.2
Q933464		3.64	0.020	0.96	7.61	49.0	1140	2.05	1.26	1.61	7.20	64.7	9.3	13	23.1	19.1
Q933465		1.39	0.351	4.57	5.65	353	670	1.13	5.73	0.45	8.99	33.8	12.2	10	9.50	21.1
Q933466		2.55	0.005	0.25	6.90	28.9	2240	1.96	0.36	1.54	1.97	60.7	6.6	13	23.0	14.4
Q933467		6.79	0.234	1.88	6.16	420	550	1.68	0.79	1.27	5.58	48.6	6.4	11	19.45	13.3
Q933468		5.40	0.015	0.49	6.82	26.3	6170	2.37	0.21	2.69	0.78	47.0	6.4	9	34.9	7.4
Q933469		11.17	<0.005	0.25	6.92	45.0	930	2.00	0.11	2.77	0.10	45.8	6.7	9	28.0	5.9
Q933470		12.10	0.021	0.67	7.47	114.0	1180	1.91	0.07	2.33	0.08	43.3	7.2	11	26.1	7.4
Q933471		0.32	0.369	4.82	6.65	691	280	1.46	3.63	2.03	11.35	50.4	12.9	25	14.25	317
Q933472		13.89	0.088	1.73	6.49	75.7	930	1.85	0.49	2.67	5.82	46.2	7.3	9	24.0	17.5
Q933473		2.05	0.337	6.83	6.96	376	2150	1.75	1.32	2.00	31.4	58.2	7.8	12	21.3	48.7
Q933474		4.69	0.301	1.68	6.80	89.1	3510	2.05	0.21	1.91	34.6	67.9	8.1	22	16.75	25.1
Q933475		7.51	0.181	11.80	7.26	510	720	1.52	1.08	2.39	60.1	36.1	12.9	5	15.20	38.6
Q933476		5.56	<0.005	0.02	0.10	0.7	30	0.07	0.04	19.80	0.12	1.40	0.9	1	0.20	1.5
Q933477		10.70	0.018	0.24	6.48	20.6	2570	1.57	0.37	2.67	0.16	44.3	8.1	14	12.70	9.0
Q933478		11.90	0.005	0.25	6.37	9.3	3310	1.39	0.52	2.58	0.19	35.3	6.6	9	13.10	9.3
Q933479		4.28	0.194	4.54	6.11	151.5	620	1.37	0.48	3.01	26.0	36.1	6.7	12	23.7	36.5
Q933480		2.99	<0.005	0.01	0.06	0.2	100	0.05	0.03	19.40	0.08	0.98	0.7	1	0.17	3.2
Q933481		7.67	0.005	0.21	6.69	13.2	2510	1.54	0.49	2.45	0.78	43.7	6.9	15	14.30	15.2
Q933482		8.53	0.080	1.14	6.71	74.1	2760	1.54	0.51	2.43	10.95	40.1	6.8	14	14.40	20.8
Q933483		9.98	0.009	0.44	6.42	24.0	2100	1.52	0.31	2.14	2.01	40.6	7.0	12	15.30	8.7
Q933484		4.40	0.016	0.33	6.67	112.5	1580	1.39	0.36	2.19	0.95	37.2	7.8	15	10.35	8.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128250

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933449		2.99	16.15	0.06	1.3	0.065	3.01	21.7	33.0	0.63	1000	2.05	0.30	8.2	2.7	580
Q933450		2.87	15.50	0.06	1.3	0.050	2.69	23.5	11.0	0.72	733	4.43	2.03	7.9	2.3	560
Q933451		2.93	15.90	0.08	1.2	0.043	2.69	27.8	11.2	0.75	741	4.19	2.01	8.1	2.4	570
Q933452		2.91	15.65	0.07	1.2	0.050	2.65	24.8	12.3	0.81	693	6.86	2.11	8.0	2.7	610
Q933453		2.83	14.70	0.07	1.0	0.055	2.91	23.1	26.9	1.01	1480	14.40	0.49	6.8	2.2	520
Q933454		3.51	16.60	0.06	1.1	0.079	2.96	25.5	11.3	0.71	1340	3.15	1.42	8.2	2.6	590
Q933455		3.16	16.30	0.07	1.4	0.051	2.99	25.6	22.0	0.66	932	1.30	0.95	8.2	2.5	580
Q933456		6.52	15.45	<0.05	1.2	0.836	2.88	25.1	19.5	0.77	1850	9.51	0.12	6.5	11.9	530
Q933457		3.11	16.40	0.05	1.2	0.053	2.98	25.1	18.5	0.75	711	1.27	1.59	8.0	2.5	590
Q933458		3.21	16.20	0.05	1.3	0.045	2.84	25.9	26.3	0.73	455	0.96	0.93	8.3	2.2	600
Q933459		3.40	14.50	<0.05	1.0	0.060	3.24	25.1	46.7	0.75	1760	2.69	0.07	6.0	2.0	510
Q933460		2.50	17.10	<0.05	1.3	0.045	2.51	27.2	56.1	0.46	766	1.47	0.07	8.4	1.9	600
Q933461		2.65	17.50	<0.05	1.4	0.043	2.73	24.8	52.5	0.49	758	2.06	0.08	8.7	2.1	630
Q933462		3.74	15.55	<0.05	1.2	0.201	3.21	25.1	16.4	0.59	1520	2.42	0.04	6.9	2.1	520
Q933463		2.38	20.5	0.07	4.0	0.030	2.87	34.3	159.5	0.77	545	1.16	0.04	11.3	5.0	1060
Q933464		2.87	19.60	0.08	3.6	0.049	2.97	35.2	113.0	0.74	587	7.19	0.05	10.0	4.7	970
Q933465		9.78	13.75	<0.05	1.2	0.246	2.57	16.0	23.0	0.44	477	22.0	0.04	2.4	3.8	480
Q933466		2.12	18.35	0.07	3.7	0.027	2.37	31.9	129.0	0.63	521	3.82	0.04	9.7	4.5	950
Q933467		2.76	14.45	<0.05	2.3	0.071	2.43	27.3	67.3	0.57	792	10.40	0.03	6.7	2.9	510
Q933468		2.44	18.70	0.07	3.7	0.043	2.90	24.3	65.1	0.90	733	1.54	0.06	10.2	4.0	670
Q933469		2.53	18.30	0.07	3.7	0.033	3.10	22.8	89.5	0.92	674	1.47	0.04	10.2	4.2	750
Q933470		2.52	19.80	0.07	3.7	0.031	3.37	20.7	81.6	0.78	689	2.13	0.04	11.3	4.4	790
Q933471		4.99	16.15	0.05	1.1	0.318	2.93	29.0	26.5	0.77	1860	15.30	0.15	6.4	14.9	510
Q933472		2.53	16.80	0.09	3.3	0.108	3.05	19.6	107.0	0.90	642	1.71	0.04	9.8	4.1	680
Q933473		2.87	16.85	0.10	3.1	0.338	2.93	28.2	146.5	0.80	797	3.02	0.04	9.5	4.5	830
Q933474		2.87	18.10	0.11	3.9	0.163	2.44	33.0	490	0.89	626	5.84	0.04	11.1	7.8	1210
Q933475		7.32	17.90	0.21	1.7	0.351	3.58	15.0	24.4	1.30	2570	2.88	0.05	5.3	3.9	1050
Q933476		0.46	0.29	<0.05	<0.1	<0.005	0.04	0.7	2.1	12.65	204	0.15	0.01	0.3	1.6	190
Q933477		2.89	15.10	0.10	1.2	0.029	2.85	18.3	26.1	0.76	653	2.18	1.61	8.3	2.7	560
Q933478		2.83	14.55	0.09	1.1	0.030	2.81	14.0	13.5	0.74	672	1.38	1.71	8.0	2.3	570
Q933479		2.69	13.85	0.09	0.9	0.135	3.15	15.0	26.0	0.80	1320	1.40	0.07	7.2	2.2	530
Q933480		0.45	0.22	<0.05	<0.1	0.005	0.02	0.5	1.5	12.45	198	0.10	0.01	0.1	1.3	160
Q933481		2.93	14.85	0.11	1.1	0.031	2.81	18.0	14.9	0.74	683	1.42	1.45	8.2	2.5	570
Q933482		3.04	14.85	0.09	1.1	0.089	3.06	16.6	17.7	0.69	834	1.52	1.46	7.8	2.4	560
Q933483		2.68	14.55	0.07	1.2	0.056	3.00	17.0	110.5	0.66	839	1.16	0.29	7.8	2.2	530
Q933484		3.01	15.45	0.09	1.3	0.053	3.45	14.9	31.9	0.66	1300	2.34	0.11	8.5	2.2	580

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128250

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933449		613	124.5	<0.002	0.93	18.60	9.6	1	2.3	133.0	0.70	0.12	11.9	0.255	1.91	4.5
Q933450		20.5	107.5	<0.002	0.39	2.49	9.5	<1	2.0	630	0.68	0.09	11.8	0.249	1.29	4.2
Q933451		22.3	114.0	<0.002	0.41	2.52	9.8	1	2.0	633	0.70	0.10	13.9	0.252	1.31	4.7
Q933452		20.7	113.0	<0.002	0.50	1.82	9.8	1	2.2	570	0.67	0.42	13.0	0.258	1.24	4.5
Q933453		509	138.0	0.003	0.92	8.98	8.8	<1	2.3	682	0.54	0.11	9.6	0.225	2.28	3.6
Q933454		741	136.5	<0.002	1.42	6.70	10.7	1	3.3	313	0.63	0.14	13.1	0.257	1.86	4.3
Q933455		47.6	125.5	<0.002	0.59	8.74	10.0	<1	2.3	238	0.74	0.16	14.3	0.248	1.58	4.8
Q933456		1300	164.5	<0.002	4.59	65.8	9.1	2	8.5	95.6	0.56	1.20	11.4	0.209	2.52	5.5
Q933457		24.5	123.0	<0.002	0.50	4.80	9.8	1	2.2	323	0.67	0.41	12.7	0.255	1.61	4.6
Q933458		18.1	118.0	<0.002	0.52	6.05	10.0	1	2.1	279	0.78	1.06	14.3	0.259	1.47	5.0
Q933459		107.0	178.0	<0.002	2.43	13.80	8.4	1	2.4	129.5	0.51	0.64	11.1	0.201	2.55	6.2
Q933460		16.2	108.5	<0.002	0.84	17.15	10.2	<1	2.3	118.0	0.74	0.29	14.4	0.255	1.54	4.1
Q933461		15.9	116.0	<0.002	0.81	17.25	10.5	1	2.4	125.5	0.80	0.29	13.7	0.264	1.66	4.7
Q933462		564	165.5	<0.002	2.70	13.75	9.1	<1	3.8	96.9	0.64	0.29	12.2	0.223	2.83	5.5
Q933463		39.0	102.5	<0.002	0.08	11.15	5.2	1	2.1	386	0.80	<0.05	9.8	0.311	1.44	4.0
Q933464		314	118.5	<0.002	0.80	10.75	5.8	<1	3.1	284	0.73	0.05	10.8	0.284	1.51	5.3
Q933465		690	171.5	<0.002	>10.0	16.00	8.0	2	6.0	63.5	0.21	0.88	8.3	0.087	2.29	4.2
Q933466		72.9	88.1	<0.002	0.22	19.65	5.2	<1	2.1	348	0.69	<0.05	9.2	0.283	1.15	6.5
Q933467		353	134.5	<0.002	1.69	23.0	5.7	1	2.2	210	0.63	0.20	12.9	0.191	2.01	8.7
Q933468		53.2	134.5	<0.002	0.27	17.45	7.7	1	1.4	303	0.75	<0.05	9.1	0.285	2.87	9.2
Q933469		18.2	146.0	<0.002	0.24	25.7	7.1	<1	1.4	427	0.78	<0.05	8.3	0.283	3.17	5.2
Q933470		23.6	139.0	<0.002	0.50	36.3	7.1	1	1.7	368	0.91	<0.05	8.5	0.302	3.35	5.9
Q933471		487	163.5	0.002	2.64	29.8	9.3	1	6.1	109.0	0.52	0.35	12.0	0.202	2.55	5.5
Q933472		310	142.5	<0.002	0.37	24.2	7.2	1	1.4	338	0.67	<0.05	8.1	0.282	2.71	4.7
Q933473		1270	155.0	<0.002	0.88	29.6	8.1	1	2.0	387	0.66	<0.05	10.3	0.287	2.70	5.0
Q933474		282	100.0	<0.002	0.46	19.25	6.4	1	1.5	583	0.63	<0.05	8.0	0.336	1.71	3.3
Q933475		3310	208	0.002	2.78	16.45	12.7	1	4.3	100.5	0.28	0.64	3.0	0.377	3.35	2.1
Q933476		3.7	1.7	<0.002	<0.01	0.10	0.3	<1	<0.2	45.6	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q933477		24.2	110.5	<0.002	0.61	3.54	9.8	1	1.6	375	0.61	0.15	11.0	0.241	1.41	3.9
Q933478		49.7	103.5	<0.002	0.68	2.84	9.7	1	1.8	540	0.63	0.08	9.4	0.253	1.51	3.6
Q933479		1910	113.5	<0.002	1.20	13.40	8.6	<1	2.0	150.5	0.53	0.08	9.4	0.230	2.42	3.9
Q933480		3.0	1.0	<0.002	<0.01	0.09	0.2	<1	0.2	50.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933481		33.7	104.5	<0.002	0.83	4.95	9.9	<1	2.1	1120	0.62	0.07	11.2	0.249	1.54	3.7
Q933482		353	119.0	<0.002	0.96	5.61	9.6	1	2.2	1235	0.57	0.05	10.8	0.246	1.67	3.7
Q933483		91.1	121.0	<0.002	1.07	9.79	9.0	1	1.8	193.5	0.60	0.06	10.9	0.223	1.99	4.8
Q933484		47.5	131.5	<0.002	1.16	7.09	9.4	1	2.1	126.0	0.70	0.06	10.3	0.251	2.19	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128250

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933449		68	4.1	13.8	1160	30.8
Q933450		66	2.1	15.9	62	31.9
Q933451		67	2.1	16.7	64	30.5
Q933452		69	2.0	16.9	58	30.2
Q933453		63	3.3	15.0	411	25.8
Q933454		71	2.5	16.5	152	29.5
Q933455		67	2.2	16.3	78	34.0
Q933456		63	6.2	11.7	2440	30.5
Q933457		70	2.1	16.1	58	28.7
Q933458		69	1.6	16.2	46	32.2
Q933459		60	2.8	11.8	140	23.4
Q933460		65	4.0	13.9	51	32.7
Q933461		68	3.8	13.8	49	34.1
Q933462		62	3.3	10.8	1140	29.8
Q933463		51	1.9	10.0	134	147.0
Q933464		52	2.5	9.6	392	125.5
Q933465		46	2.9	11.8	564	34.5
Q933466		50	2.0	9.2	142	134.0
Q933467		46	4.6	9.7	400	75.2
Q933468		68	2.8	15.1	96	131.0
Q933469		68	7.6	13.9	62	128.0
Q933470		71	17.3	12.6	60	123.0
Q933471		65	6.0	12.3	891	32.0
Q933472		69	6.8	11.7	399	130.5
Q933473		67	10.8	12.6	2040	123.0
Q933474		64	2.7	10.4	2310	173.5
Q933475		131	8.8	12.9	3950	70.0
Q933476		3	0.1	0.7	21	0.8
Q933477		67	1.8	13.3	44	29.7
Q933478		68	1.8	11.8	45	26.9
Q933479		64	4.3	11.1	1690	22.6
Q933480		2	0.1	0.7	19	<0.5
Q933481		71	2.2	12.1	75	26.7
Q933482		67	2.0	12.0	704	26.0
Q933483		63	3.7	11.6	159	30.5
Q933484		68	4.8	12.1	108	31.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128250

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

CERTIFICATE WH14128251

Project: KLAZA

P.O. No.: BATCH 186

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128251

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935078		3.83	<0.005	1.30	7.99	22.7	1430	2.60	10.25	4.90	1.31	45.2	9.2	9	27.9	12.3
Q935079		7.11	<0.005	2.03	6.33	6.2	1860	1.69	7.03	4.02	1.63	39.5	9.5	9	11.75	11.2
Q935080		5.71	<0.005	1.19	6.19	8.2	3080	1.90	6.26	4.21	2.12	38.2	8.6	8	13.75	10.9
Q935081		3.55	<0.005	0.06	5.50	5.2	2520	1.53	0.31	4.43	0.44	34.2	5.5	7	14.80	1.6
Q935082		3.03	<0.005	0.12	6.38	10.6	880	1.61	0.32	3.24	0.19	47.0	7.9	7	12.80	2.1
Q935083		<0.02	<0.005	0.13	6.41	11.7	880	1.66	0.33	3.22	0.17	46.7	8.0	12	12.80	1.9
Q935084		5.45	<0.005	0.03	6.41	11.2	1480	1.56	0.26	2.61	0.16	43.0	7.5	9	18.70	2.5
Q935085		4.52	<0.005	0.12	5.93	40.5	860	1.50	0.43	3.34	0.24	41.9	8.8	8	21.6	4.0
Q935086		6.00	<0.005	0.11	6.84	35.1	1470	1.74	0.61	2.38	0.24	44.8	10.7	10	13.40	4.3
Q935087		0.31	0.386	4.38	6.35	678	770	1.34	3.04	2.04	10.05	47.1	12.3	26	12.50	315
Q935088		2.60	0.199	0.55	6.60	32.3	1180	1.50	0.59	1.43	0.10	42.7	9.1	9	8.85	6.7
Q935089		8.46	0.014	0.16	6.47	30.3	3830	1.56	0.37	3.15	0.08	43.2	7.9	9	12.90	5.8
Q935090		7.63	0.013	0.21	6.48	65.3	2490	1.38	0.19	3.48	0.11	46.4	8.1	9	12.90	40.4
Q935091		4.17	0.036	0.20	6.21	207	2910	1.90	0.22	4.31	0.30	47.1	7.6	8	17.80	10.8
Q935092		9.31	0.007	0.27	6.78	69.1	2390	1.65	0.18	2.82	0.35	72.8	9.4	28	25.0	16.4
Q935093		3.60	0.031	1.24	7.75	867	1210	1.86	0.90	2.91	7.71	44.3	12.1	9	18.70	17.6
Q935094		5.58	<0.005	<0.01	0.06	1.2	30	0.08	0.03	20.5	0.06	1.00	0.8	1	0.14	2.2
Q935095		8.65	<0.005	0.08	6.84	46.6	770	1.65	0.09	4.21	0.10	72.2	9.2	31	21.3	19.2
Q935096		0.31	1.840	37.8	5.39	2420	120	1.11	31.8	1.62	43.0	36.0	16.2	23	9.34	1170
Q935097		1.81	0.191	11.20	5.97	7150	160	1.39	6.51	1.42	75.8	30.4	7.4	8	13.50	105.0
Q935098		4.75	0.005	0.55	7.09	129.5	790	1.48	0.98	2.86	0.28	50.3	10.3	9	12.85	2.3
Q935099		4.21	<0.005	0.07	6.22	12.0	3690	1.43	0.17	3.08	0.09	37.9	7.6	11	13.55	5.1
Q935100		9.93	0.012	0.69	6.66	261	930	1.53	1.10	3.11	1.24	46.6	7.4	10	11.15	3.2
Q935101		9.20	<0.005	0.15	7.21	11.5	2510	1.44	0.12	2.93	0.05	44.4	8.4	10	10.50	8.6
Q935102		3.08	<0.005	0.06	6.96	6.1	2340	1.37	0.11	3.06	0.06	44.1	8.5	11	8.33	7.4
Q935103		11.11	<0.005	0.13	7.35	10.8	2290	1.51	0.12	3.09	0.10	51.0	8.9	12	8.51	5.9
Q935104		5.12	<0.005	0.20	6.15	38.2	1190	1.52	0.17	2.52	0.18	39.3	7.6	8	12.80	4.4
Q935105		7.17	<0.005	0.05	5.87	14.9	1780	1.72	0.11	2.83	0.08	38.2	7.1	9	17.55	4.8
Q935106		5.09	<0.005	0.07	7.06	8.4	2060	1.67	0.15	2.02	0.05	56.9	7.2	10	13.65	4.9
Q935107		3.72	<0.005	0.09	6.52	8.3	1910	1.64	0.26	2.77	0.07	44.7	7.1	11	13.10	7.2
Q935108		5.53	<0.005	0.01	0.06	1.1	20	0.05	0.03	19.55	0.05	1.01	0.9	1	0.17	1.7
Q935109		2.20	<0.005	0.08	7.21	4.6	2090	1.59	0.45	2.29	0.09	50.7	6.8	9	12.90	9.3
Q935110		5.32	<0.005	0.15	6.93	8.5	1570	1.49	0.32	2.54	0.13	51.7	6.1	9	14.45	4.6
Q935111		2.47	<0.005	0.14	7.09	7.0	1890	1.51	0.35	2.56	0.08	55.5	6.4	9	14.70	4.1
Q935112		5.35	<0.005	0.09	6.85	3.8	2110	1.76	0.23	3.25	0.07	51.5	7.2	8	15.05	2.3
Q935113		3.91	<0.005	0.13	8.12	10.1	1300	1.59	0.33	5.01	0.17	52.2	10.9	6	11.80	2.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128251

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935078		5.68	36.6	0.15	1.3	0.750	2.99	17.3	42.0	0.72	2370	0.22	1.02	10.7	3.7	750
Q935079		3.33	15.90	0.09	1.1	0.123	2.17	15.6	11.9	0.82	1730	0.12	1.62	8.1	2.4	630
Q935080		3.25	18.75	0.09	1.3	0.116	2.84	15.2	13.8	0.72	1450	0.10	0.93	8.1	2.6	580
Q935081		2.45	14.90	0.07	1.1	0.046	2.51	14.2	12.2	0.57	1020	0.06	0.48	6.6	2.0	480
Q935082		4.63	16.85	0.11	1.2	0.124	2.70	22.0	30.0	0.87	1430	0.08	0.13	7.2	2.1	530
Q935083		4.67	16.80	0.10	1.2	0.120	2.74	21.6	30.2	0.88	1450	0.09	0.13	7.1	2.4	520
Q935084		2.84	16.15	0.07	1.2	0.035	2.52	19.2	21.3	0.99	979	0.08	0.04	7.2	2.2	540
Q935085		2.40	13.00	0.05	1.1	0.049	1.67	19.1	47.3	1.10	1100	0.42	0.04	6.4	2.7	480
Q935086		3.31	15.80	0.08	1.1	0.090	2.20	19.0	37.3	0.88	1240	0.34	0.39	8.0	3.7	610
Q935087		5.00	14.70	0.11	1.1	0.283	3.02	22.7	24.5	0.76	1910	14.45	0.15	6.4	13.7	510
Q935088		5.63	13.70	0.13	0.9	0.162	2.86	19.9	33.9	0.85	1810	0.10	0.04	6.9	2.5	540
Q935089		3.15	14.70	0.08	1.2	0.062	2.83	18.9	16.0	0.88	1720	0.12	0.36	7.6	2.4	580
Q935090		3.04	14.75	0.09	1.1	0.054	2.65	21.4	58.3	1.22	1860	0.13	0.06	7.3	2.9	560
Q935091		2.99	15.15	0.09	1.2	0.039	2.36	21.3	76.2	1.59	1160	0.39	0.05	7.4	3.2	560
Q935092		3.32	17.50	0.10	4.0	0.044	1.86	37.8	81.8	1.22	971	4.36	0.05	11.1	10.4	1530
Q935093		5.43	20.7	0.13	1.8	0.417	3.71	18.2	42.0	1.03	2930	0.64	0.06	10.5	4.0	710
Q935094		0.46	0.25	<0.05	<0.1	<0.005	0.02	0.5	1.3	13.10	206	0.07	<0.01	0.1	1.4	190
Q935095		3.29	17.20	0.11	4.3	0.038	1.53	35.0	75.6	1.23	830	1.39	0.37	11.7	11.2	1690
Q935096		8.82	13.15	0.14	0.9	1.505	2.59	16.1	15.5	0.67	2280	16.20	0.06	5.0	13.6	430
Q935097		9.77	12.85	0.19	1.0	6.73	2.97	13.2	11.0	0.90	2980	1.48	0.04	6.8	2.7	560
Q935098		3.70	14.45	0.08	1.2	0.092	3.30	22.6	32.1	1.19	1950	0.50	0.04	8.2	2.6	630
Q935099		3.04	14.40	0.05	1.0	0.040	2.09	15.2	13.6	0.79	878	0.48	1.64	7.7	2.5	590
Q935100		3.79	14.35	0.09	1.2	0.091	3.02	18.8	29.0	1.07	2140	0.27	0.26	8.6	2.4	690
Q935101		3.20	15.15	<0.05	1.2	0.038	2.49	19.4	14.5	0.87	953	0.90	1.55	7.9	4.0	650
Q935102		3.24	15.65	0.07	1.1	0.034	2.35	18.2	14.1	0.90	669	1.54	2.17	8.0	2.7	660
Q935103		3.29	16.05	0.07	1.2	0.044	2.40	21.9	17.8	0.99	708	1.04	2.18	8.3	2.6	680
Q935104		3.06	15.20	<0.05	0.9	0.057	2.60	16.5	48.9	0.54	1650	1.51	0.03	7.7	2.5	540
Q935105		2.73	16.30	<0.05	1.0	0.045	2.94	15.2	59.2	0.26	1080	1.06	0.52	8.4	2.1	540
Q935106		2.78	15.70	0.06	1.0	0.037	2.94	28.1	19.8	0.44	649	1.03	1.52	8.4	2.3	570
Q935107		3.11	15.45	0.08	0.9	0.045	2.87	18.8	16.6	0.49	837	1.70	1.18	9.5	2.4	650
Q935108		0.46	0.29	<0.05	<0.1	<0.005	0.02	0.5	1.2	12.60	204	0.08	0.01	0.2	1.4	190
Q935109		2.93	15.05	0.06	1.0	0.045	2.81	22.6	27.9	0.67	634	1.58	1.67	8.4	2.6	610
Q935110		2.71	16.05	<0.05	1.0	0.050	2.73	23.1	26.1	0.55	1060	0.95	1.25	7.9	2.3	570
Q935111		2.78	16.45	0.05	1.0	0.050	2.74	25.0	32.7	0.53	1060	0.98	1.20	8.1	2.2	570
Q935112		2.81	16.45	0.05	1.0	0.045	2.57	21.8	15.5	0.49	1400	0.43	1.89	8.7	2.0	570
Q935113		3.46	16.95	0.06	1.1	0.056	2.42	22.8	14.6	1.48	2340	0.13	2.88	8.6	2.1	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128251

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935078		126.5	106.0	<0.002	0.02	27.9	14.3	2	6.8	216	0.76	0.15	11.3	0.347	2.18	5.2
Q935079		117.5	70.9	<0.002	0.04	4.98	10.4	1	1.9	188.5	0.59	0.32	9.2	0.287	1.17	2.7
Q935080		56.6	85.3	<0.002	0.05	6.16	10.3	1	1.8	176.0	0.62	0.31	9.5	0.272	1.50	3.1
Q935081		18.0	81.7	<0.002	0.05	4.71	8.5	<1	1.2	158.0	0.53	<0.05	8.7	0.220	1.20	2.6
Q935082		16.0	115.0	<0.002	0.49	4.33	10.0	1	2.0	99.6	0.59	<0.05	11.8	0.229	1.36	7.2
Q935083		15.9	115.0	<0.002	0.50	4.49	9.8	1	2.0	100.0	0.57	<0.05	12.0	0.238	1.36	7.4
Q935084		17.6	93.8	<0.002	0.14	8.80	10.0	1	1.5	86.7	0.59	<0.05	11.5	0.240	1.86	6.3
Q935085		34.9	81.4	<0.002	0.21	16.85	9.1	<1	1.4	97.6	0.52	<0.05	10.5	0.207	2.11	34.4
Q935086		23.9	92.2	<0.002	0.28	10.65	11.2	1	1.6	107.0	0.59	<0.05	11.8	0.267	2.72	9.2
Q935087		490	154.0	0.003	2.62	26.7	8.8	1	5.2	110.0	0.48	0.31	10.5	0.206	2.40	5.0
Q935088		11.8	146.5	<0.002	0.95	4.32	9.8	1	2.4	79.5	0.51	<0.05	11.6	0.240	2.00	6.2
Q935089		11.7	127.5	<0.002	0.47	6.57	10.1	1	1.4	151.5	0.58	<0.05	10.9	0.260	1.77	4.1
Q935090		14.1	128.0	<0.002	0.38	14.75	10.5	<1	1.7	114.5	0.55	<0.05	11.5	0.253	1.97	5.4
Q935091		26.7	97.8	<0.002	0.25	15.70	10.2	1	1.3	161.0	0.55	<0.05	11.3	0.242	2.06	7.3
Q935092		26.4	78.1	<0.002	0.18	24.9	8.3	1	1.2	411	0.70	<0.05	8.0	0.390	1.93	4.4
Q935093		156.5	131.0	<0.002	1.98	12.55	13.0	1	5.7	93.8	0.88	<0.05	11.3	0.337	2.83	7.6
Q935094		1.5	1.0	0.002	0.01	0.08	0.2	<1	<0.2	49.8	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q935095		13.2	42.1	<0.002	0.03	16.80	7.6	<1	1.1	344	0.71	<0.05	7.7	0.415	1.08	5.2
Q935096		1620	145.0	0.002	7.46	103.0	7.9	1	10.0	64.7	0.38	0.75	8.9	0.161	2.27	5.5
Q935097		2810	139.0	<0.002	5.73	32.8	10.6	<1	2.7	48.6	0.51	<0.05	8.4	0.237	2.26	3.4
Q935098		24.0	147.0	<0.002	0.37	8.04	12.2	1	1.6	66.1	0.59	<0.05	12.3	0.279	2.25	5.7
Q935099		14.6	75.6	<0.002	0.18	3.81	11.0	<1	1.5	302	0.56	<0.05	8.5	0.273	1.12	3.7
Q935100		97.0	100.5	<0.002	0.40	6.98	12.5	1	1.8	88.8	0.61	<0.05	8.5	0.306	1.97	5.2
Q935101		17.7	87.0	<0.002	0.25	4.74	10.9	1	1.4	315	0.50	<0.05	9.4	0.292	1.10	3.4
Q935102		14.2	80.8	<0.002	0.03	2.25	11.2	1	1.6	411	0.50	<0.05	8.3	0.297	0.83	2.2
Q935103		15.5	86.4	<0.002	0.07	1.96	12.0	1	1.6	425	0.48	<0.05	9.7	0.307	0.86	2.5
Q935104		14.9	111.0	<0.002	0.14	16.15	8.6	1	1.6	72.3	0.52	<0.05	10.6	0.239	1.81	4.2
Q935105		12.7	112.5	<0.002	0.05	9.69	8.6	1	1.9	148.0	0.57	<0.05	9.9	0.239	1.64	3.6
Q935106		15.2	116.0	<0.002	0.01	2.87	9.5	1	1.6	252	0.58	<0.05	14.3	0.254	1.30	2.3
Q935107		15.1	103.0	<0.002	<0.01	3.04	11.3	1	2.0	215	0.63	<0.05	9.9	0.290	1.17	5.5
Q935108		1.1	1.0	<0.002	0.01	0.06	0.2	<1	<0.2	39.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
Q935109		18.6	109.0	<0.002	<0.01	2.96	10.3	1	1.7	304	0.53	<0.05	13.3	0.257	1.06	1.9
Q935110		12.6	121.0	<0.002	0.06	4.60	9.0	1	1.5	161.5	0.51	<0.05	13.3	0.234	1.43	3.1
Q935111		13.7	127.0	<0.002	0.06	4.81	9.3	1	1.6	168.5	0.55	<0.05	14.0	0.245	1.44	3.6
Q935112		7.8	108.0	<0.002	0.07	3.66	9.7	1	1.8	230	0.60	<0.05	13.6	0.251	1.11	4.9
Q935113		7.1	99.2	<0.002	0.31	3.85	10.2	1	1.7	245	0.61	<0.05	15.1	0.261	1.30	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128251

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935078		155	5.7	15.2	270	33.7
Q935079		76	1.9	11.3	176	29.0
Q935080		86	2.2	10.4	146	32.6
Q935081		70	1.4	10.4	52	27.0
Q935082		79	5.3	11.3	85	30.5
Q935083		80	5.7	11.2	86	30.7
Q935084		75	1.7	12.3	60	30.4
Q935085		64	1.9	12.6	72	28.1
Q935086		78	2.0	12.0	96	29.4
Q935087		66	5.8	10.6	875	30.1
Q935088		64	6.3	8.6	116	24.5
Q935089		75	1.7	11.9	53	30.4
Q935090		71	2.5	11.8	57	29.6
Q935091		70	2.2	12.1	74	33.3
Q935092		80	2.6	13.8	104	170.0
Q935093		93	10.7	9.7	835	42.9
Q935094		2	0.1	0.7	15	<0.5
Q935095		82	1.4	11.6	75	185.0
Q935096		55	7.9	8.3	3280	22.4
Q935097		62	8.2	7.2	7380	23.2
Q935098		71	3.5	13.2	82	29.4
Q935099		76	1.1	11.9	59	24.3
Q935100		80	3.3	13.5	199	27.3
Q935101		80	1.2	13.7	71	26.0
Q935102		83	1.4	14.6	55	25.1
Q935103		86	1.6	15.5	57	30.5
Q935104		65	4.2	10.7	76	21.0
Q935105		69	3.5	10.2	54	22.4
Q935106		68	2.5	12.2	53	20.8
Q935107		85	2.7	12.7	56	19.9
Q935108		2	0.1	0.7	12	<0.5
Q935109		72	3.0	14.1	59	20.9
Q935110		72	2.3	11.2	60	21.8
Q935111		73	2.4	11.8	59	22.8
Q935112		70	2.2	10.7	59	23.0
Q935113		68	2.8	12.4	83	25.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128251

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

CERTIFICATE WH14128252

Project: KLAZA

P.O. No.: BATCH 187

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

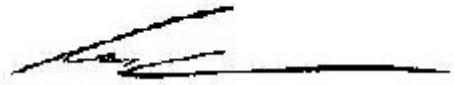
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128252

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933520		5.28	<0.005	0.33	6.85	11.0	870	1.37	0.17	3.37	0.24	54.1	5.2	11	8.63	18.0
Q933521		13.98	0.005	0.24	6.67	17.8	1160	1.42	0.93	2.91	0.15	47.3	6.6	9	36.9	4.1
Q933522		8.26	0.010	0.18	7.32	31.0	910	1.65	2.43	3.97	0.19	46.6	8.7	9	24.2	8.9
Q933523		<0.02	0.010	0.20	6.95	30.7	880	1.52	2.70	3.83	0.14	44.1	9.0	10	23.8	9.2
Q933524		3.63	<0.005	0.11	6.65	23.6	680	1.70	3.67	2.36	0.14	47.8	9.7	9	64.8	14.6
Q933525		5.97	<0.005	0.10	8.16	38.1	590	1.98	7.16	2.35	0.14	47.5	10.4	12	25.0	2.9
Q933526		5.68	<0.005	0.68	6.82	10.1	1590	1.42	5.25	3.51	0.15	48.4	6.2	12	15.05	37.9
Q933527		4.09	0.005	0.17	7.14	29.8	1060	1.34	0.35	2.13	0.17	55.5	7.5	10	22.0	6.6
Q933528		0.29	0.342	4.45	6.55	688	300	1.44	3.29	2.05	10.45	52.3	12.6	24	12.80	307
Q933529		3.25	<0.005	0.12	7.90	5.4	2040	2.34	0.32	1.71	0.07	56.6	12.2	10	18.45	5.3
Q933530		6.91	<0.005	0.15	7.64	12.0	1510	1.29	1.16	1.68	0.11	49.9	7.9	12	27.6	10.1
Q933531		6.46	<0.005	0.32	6.26	31.9	570	1.33	0.19	2.48	0.32	44.6	7.5	9	21.9	6.8
Q933532		2.88	0.039	0.48	2.78	105.0	420	0.87	0.37	8.11	0.70	17.50	5.1	9	9.57	6.2
Q933533		5.52	<0.005	0.01	0.06	0.9	30	<0.05	0.05	19.80	0.07	0.88	0.8	1	0.17	4.3
Q933535		6.05	0.049	1.04	6.78	188.0	1120	1.30	0.22	2.46	1.65	45.0	6.7	16	11.60	9.3
Q933536		3.47	0.056	1.31	6.82	223	1050	1.43	0.25	2.53	3.63	45.9	7.8	9	12.90	18.1
Q933537		7.07	0.033	0.56	6.60	128.5	1530	1.41	0.45	2.90	0.31	46.3	7.9	10	23.8	11.1
Q933538		2.11	0.062	1.05	6.32	323	1140	1.30	0.42	3.51	0.23	38.5	9.5	9	8.38	3.0
Q933539		6.98	0.112	4.36	6.53	96.5	1160	1.42	1.51	2.51	3.20	45.9	9.0	10	18.75	19.4
Q933540		4.32	0.175	1.98	6.58	143.0	1660	1.35	0.34	3.14	2.23	47.1	11.9	11	16.85	16.0
Q933541		0.31	0.903	11.15	6.11	1475	130	1.31	11.25	1.79	30.2	45.2	16.4	17	12.10	278
Q933542		6.54	0.006	0.17	6.89	17.4	1810	1.55	0.12	2.87	0.16	44.0	8.1	11	18.55	8.2
Q933543		2.43	0.019	2.32	7.05	119.0	1050	1.58	0.14	2.59	4.07	47.3	8.1	12	17.35	18.3
Q933544		4.91	<0.005	0.05	7.40	2.1	1990	1.68	0.07	2.84	0.09	56.0	9.3	12	10.10	6.2
Q933545		9.91	<0.005	0.05	7.19	4.4	2090	1.69	0.07	2.96	0.11	46.9	9.5	14	13.60	8.4
Q933546		0.72	0.069	2.63	3.47	265	620	1.01	0.36	10.35	18.25	45.0	11.5	7	9.64	25.9
Q933547		6.08	<0.005	0.01	0.07	0.7	30	0.06	0.04	20.4	0.08	1.46	0.9	1	0.17	3.6
Q933548		7.42	0.017	1.30	7.54	48.4	1790	1.77	0.06	2.88	0.67	53.5	9.7	13	11.65	12.6
Q933549		5.39	<0.005	0.21	7.43	23.6	2000	1.72	0.13	3.15	0.43	56.6	10.1	14	9.00	16.2
Q933550		6.29	0.042	0.85	7.09	38.5	1680	1.60	0.16	2.21	8.95	46.2	9.2	12	13.75	27.9
Q933551		4.20	0.012	1.43	6.86	79.9	1790	1.70	0.41	2.75	14.20	48.0	9.7	12	20.6	21.7
Q933552		6.33	<0.005	0.18	7.13	8.8	1960	1.74	0.10	2.88	0.19	46.1	9.7	12	17.95	42.8
Q933553		9.21	0.005	0.65	7.50	60.4	2030	1.73	0.13	3.16	4.94	51.8	10.2	11	17.55	54.0
Q933554		5.53	<0.005	0.20	7.29	11.3	1940	1.67	0.13	2.82	0.15	48.3	9.8	13	19.30	65.3
Q933555		5.46	<0.005	0.12	7.58	4.4	2060	1.81	0.11	3.01	0.11	56.6	10.4	16	26.8	42.3
Q933556		6.72	<0.005	0.29	7.35	5.2	2070	1.75	0.14	2.98	0.13	52.2	11.6	12	18.15	76.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128252

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933520		3.28	14.75	0.06	1.3	0.059	2.73	26.8	68.9	1.01	1500	0.79	0.20	8.0	2.2	590
Q933521		3.13	15.40	0.07	1.2	0.093	2.78	21.7	103.5	0.98	1120	0.51	0.04	7.5	2.1	570
Q933522		3.58	18.30	0.06	1.2	0.219	3.23	20.6	50.7	0.98	1240	0.45	0.05	7.6	2.1	620
Q933523		3.48	18.55	0.08	1.2	0.229	3.17	18.9	50.5	0.93	1200	0.68	0.05	7.7	2.3	600
Q933524		2.77	15.90	<0.05	1.3	0.179	2.38	21.7	48.1	0.90	959	0.75	0.07	8.0	2.7	600
Q933525		3.75	19.45	0.08	1.4	0.406	2.31	19.4	89.9	0.89	1660	1.20	1.42	9.9	3.3	780
Q933526		2.82	15.05	0.06	1.2	0.045	2.50	21.4	15.4	0.97	898	1.07	0.99	7.9	1.9	620
Q933527		2.61	15.70	<0.05	1.3	0.050	2.27	29.2	129.5	0.82	826	0.91	0.09	8.6	2.0	610
Q933528		5.03	15.45	0.12	1.1	0.313	3.07	25.7	27.9	0.79	1940	16.95	0.15	6.6	14.2	500
Q933529		5.08	17.50	0.11	1.3	0.036	2.70	29.2	32.0	1.04	492	0.89	1.18	9.5	2.9	690
Q933530		3.12	16.75	0.05	1.4	0.045	2.72	22.6	68.8	0.72	840	1.15	0.09	9.3	2.3	680
Q933531		2.52	14.20	0.05	1.4	0.032	2.29	20.3	180.0	0.72	1140	1.08	0.04	7.2	2.0	560
Q933532		2.63	5.92	<0.05	0.5	0.037	1.26	9.2	41.7	1.73	3030	5.13	0.02	2.8	1.3	190
Q933533		0.48	0.25	<0.05	<0.1	0.005	0.03	<0.5	1.7	12.65	215	0.08	<0.01	0.1	1.3	170
Q933535		3.10	13.60	0.06	1.1	0.085	3.10	21.1	26.7	0.87	2020	1.11	0.37	6.8	1.7	550
Q933536		3.32	14.70	0.05	1.2	0.115	3.38	20.7	21.3	0.88	2140	0.67	0.29	7.2	2.5	570
Q933537		3.18	14.55	0.05	1.0	0.124	2.89	21.7	38.3	1.08	2140	0.53	0.04	6.4	2.0	530
Q933538		3.18	14.25	0.05	1.0	0.080	2.43	17.0	19.8	1.03	1820	0.47	0.88	5.8	2.1	520
Q933539		3.46	14.50	0.05	1.2	0.128	2.83	20.4	42.3	0.87	2880	1.56	0.08	7.6	2.2	570
Q933540		4.46	14.40	0.08	1.0	0.134	3.27	22.5	29.6	1.02	9690	1.63	0.14	7.1	2.3	550
Q933541		6.30	14.20	0.12	1.0	0.764	2.84	20.3	19.5	0.74	1750	8.51	0.12	6.4	11.3	510
Q933542		3.21	15.85	0.06	1.4	0.050	2.63	17.9	34.5	0.79	1200	1.30	1.38	8.7	2.2	620
Q933543		3.28	15.35	0.07	1.5	0.075	3.17	20.5	65.7	0.88	3470	1.57	0.21	8.2	2.3	630
Q933544		3.05	17.95	0.06	1.6	0.042	2.51	27.1	18.0	0.90	687	1.31	2.13	9.2	3.1	630
Q933545		3.22	18.05	0.07	1.5	0.036	2.53	21.2	19.7	0.89	762	1.49	2.00	9.2	2.9	630
Q933546		5.31	8.71	<0.05	0.6	0.605	1.68	27.3	20.7	1.90	17850	1.03	0.02	3.8	2.5	280
Q933547		0.47	0.34	<0.05	<0.1	0.006	0.02	0.7	1.2	13.15	217	0.20	0.01	0.2	1.6	200
Q933548		3.19	17.70	0.10	1.6	0.054	2.80	25.7	37.2	0.89	1280	1.52	1.32	9.0	3.1	650
Q933549		3.45	17.95	0.05	1.6	0.063	2.72	27.7	15.5	1.04	1470	1.58	1.90	9.2	3.0	670
Q933550		3.41	17.90	0.07	1.6	0.163	2.93	21.2	37.5	0.73	1440	1.58	0.17	9.4	2.9	650
Q933551		3.54	17.05	0.05	1.2	0.115	3.06	23.6	43.9	0.87	3180	1.79	0.47	8.2	2.9	590
Q933552		3.15	17.85	0.08	1.4	0.063	2.79	20.9	28.2	0.82	995	1.80	1.66	8.9	2.8	630
Q933553		3.54	18.20	0.10	1.5	0.087	3.00	24.7	35.4	0.87	2480	1.41	1.19	9.4	3.3	680
Q933554		3.32	17.05	0.07	1.3	0.042	2.73	22.8	21.4	0.86	878	1.08	1.62	8.8	3.1	670
Q933555		3.34	18.20	0.11	1.4	0.052	2.54	26.8	21.5	0.81	805	1.75	1.84	9.5	3.2	670
Q933556		3.29	18.15	0.10	1.4	0.045	2.53	24.8	19.1	0.93	813	1.81	1.97	9.4	3.2	660

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128252

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933520		14.6	123.0	<0.002	0.08	14.90	10.5	1	1.5	74.7	0.56	<0.05	11.7	0.270	1.73	7.3
Q933521		15.4	126.5	<0.002	0.21	10.95	10.2	2	1.9	73.9	0.51	0.09	11.2	0.252	1.73	17.8
Q933522		14.4	129.5	0.002	0.30	15.20	10.5	1	2.4	99.9	0.54	<0.05	10.8	0.274	2.99	7.2
Q933523		14.0	123.5	<0.002	0.30	15.15	10.3	1	2.5	98.9	0.52	<0.05	9.9	0.270	2.67	6.7
Q933524		15.6	112.5	<0.002	0.16	21.2	10.4	1	2.7	107.0	0.58	<0.05	12.1	0.266	2.46	32.6
Q933525		18.2	93.9	<0.002	0.07	33.5	13.4	1	3.5	208	0.67	<0.05	12.4	0.329	2.15	10.2
Q933526		19.0	97.8	<0.002	0.06	11.20	10.7	1	1.7	211	0.55	0.08	11.0	0.273	1.25	5.4
Q933527		13.8	95.8	<0.002	0.08	22.5	11.5	1	1.5	143.5	0.63	<0.05	12.5	0.281	1.47	4.2
Q933528		496	156.5	0.004	2.62	28.6	9.0	2	5.7	107.5	0.44	0.29	10.7	0.205	2.50	4.8
Q933529		15.0	114.0	<0.002	0.01	3.23	12.7	1	1.7	292	0.64	<0.05	15.7	0.310	1.14	2.8
Q933530		14.1	102.5	<0.002	0.05	15.10	11.6	1	1.8	113.0	0.70	<0.05	15.2	0.297	1.50	3.3
Q933531		9.8	87.1	<0.002	0.19	24.6	9.4	1	1.4	168.5	0.50	<0.05	11.4	0.248	2.28	4.2
Q933532		45.6	68.5	<0.002	0.51	48.4	4.4	1	0.7	163.0	0.19	<0.05	4.3	0.095	1.11	8.4
Q933533		1.2	1.2	<0.002	<0.01	0.11	0.2	<1	<0.2	38.3	<0.05	<0.05	<0.2	<0.005	0.02	0.5
Q933535		219	158.0	<0.002	0.57	8.96	9.3	1	2.8	137.0	0.45	<0.05	10.8	0.237	2.24	5.7
Q933536		335	158.5	<0.002	0.75	9.40	9.8	1	3.1	133.5	0.47	<0.05	10.8	0.250	2.60	5.7
Q933537		14.2	159.5	<0.002	0.52	11.25	9.5	1	2.7	115.0	0.45	<0.05	10.7	0.220	2.16	4.6
Q933538		10.9	110.5	<0.002	0.45	8.17	8.9	1	1.4	148.0	0.39	<0.05	9.4	0.205	1.73	3.2
Q933539		145.0	123.0	<0.002	0.64	21.8	10.0	1	1.7	160.0	0.56	<0.05	11.4	0.254	2.24	4.0
Q933540		222	173.0	<0.002	1.27	30.5	9.9	1	1.9	174.5	0.48	0.11	11.1	0.247	2.32	3.6
Q933541		1270	149.0	<0.002	4.36	62.3	8.4	2	7.7	90.1	0.44	0.99	10.0	0.198	2.47	4.5
Q933542		91.5	97.8	<0.002	0.13	35.5	11.1	1	1.7	339	0.60	<0.05	9.9	0.281	1.21	3.6
Q933543		374	151.0	<0.002	0.53	25.2	11.3	1	1.6	178.0	0.66	<0.05	11.3	0.278	2.35	4.9
Q933544		17.2	104.0	<0.002	0.01	1.69	13.0	<1	1.7	415	0.80	<0.05	14.2	0.279	1.05	4.9
Q933545		17.4	91.5	<0.002	0.02	2.32	12.5	<1	1.9	407	0.76	<0.05	12.0	0.290	1.05	4.1
Q933546		96.4	115.0	<0.002	2.10	29.1	6.9	1	1.6	196.0	0.33	0.05	6.0	0.115	1.75	5.8
Q933547		1.6	1.2	<0.002	0.01	0.14	0.2	<1	<0.2	51.9	<0.05	0.06	<0.2	<0.005	0.02	0.7
Q933548		29.3	124.5	<0.002	0.19	11.45	13.1	1	2.4	330	0.72	<0.05	14.2	0.294	1.44	5.0
Q933549		28.3	125.5	<0.002	0.13	4.56	13.7	1	2.0	372	0.78	0.06	13.6	0.284	1.37	5.7
Q933550		340	120.5	<0.002	0.39	13.05	12.4	1	3.1	176.0	0.83	<0.05	12.2	0.282	1.75	4.7
Q933551		513	152.5	<0.002	0.45	28.9	12.2	1	2.4	197.0	0.64	0.06	12.8	0.267	2.55	4.8
Q933552		19.5	106.5	<0.002	0.11	8.38	12.2	1	1.9	353	0.73	<0.05	11.8	0.268	1.48	3.9
Q933553		148.5	135.0	<0.002	0.30	16.20	13.8	1	2.2	331	0.76	<0.05	12.9	0.298	1.91	4.4
Q933554		15.6	115.0	<0.002	0.11	10.50	12.8	1	2.1	325	0.69	0.06	12.7	0.294	1.41	3.7
Q933555		16.4	110.0	<0.002	0.06	5.99	14.3	<1	2.3	408	0.75	0.06	14.1	0.299	1.17	4.0
Q933556		16.7	110.0	<0.002	0.11	3.67	14.1	1	2.1	397	0.70	<0.05	13.1	0.293	1.17	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128252

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q933520		75	2.6	10.6	77	32.7
Q933521		76	3.3	10.2	68	32.4
Q933522		96	3.1	11.9	88	30.3
Q933523		93	3.1	11.6	81	29.9
Q933524		79	3.2	14.0	102	33.2
Q933525		98	3.4	13.4	168	33.2
Q933526		78	2.0	12.2	65	31.5
Q933527		79	3.5	14.4	64	30.8
Q933528		65	5.7	11.2	871	30.1
Q933529		86	1.9	14.5	77	32.1
Q933530		87	2.9	14.5	61	33.2
Q933531		70	3.2	11.8	73	36.2
Q933532		35	1.4	10.5	111	12.4
Q933533		2	0.3	0.7	13	<0.5
Q933535		69	2.5	11.8	269	28.4
Q933536		72	2.9	12.4	504	30.0
Q933537		68	3.8	11.4	115	25.4
Q933538		71	2.9	9.9	113	23.1
Q933539		75	4.7	13.6	313	29.2
Q933540		69	4.1	14.8	309	25.4
Q933541		60	5.7	10.1	2260	27.0
Q933542		81	4.0	14.8	67	33.3
Q933543		84	4.3	15.0	483	35.2
Q933544		78	1.8	17.8	56	40.8
Q933545		83	1.9	16.3	59	36.9
Q933546		45	2.9	26.3	1660	15.8
Q933547		2	0.1	0.9	17	0.5
Q933548		83	2.8	17.5	153	38.9
Q933549		84	2.3	18.4	97	40.6
Q933550		81	4.6	14.4	837	38.3
Q933551		77	4.2	14.8	945	30.5
Q933552		80	2.5	15.6	66	35.1
Q933553		87	5.0	17.4	374	38.4
Q933554		85	2.9	16.2	66	33.8
Q933555		84	3.1	19.3	65	35.7
Q933556		84	5.9	18.2	60	34.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128252

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

CERTIFICATE WH14128253

Project: KLAZA

P.O. No.: BATCH 188

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128253

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935423		3.43	<0.005	0.10	6.64	22.9	1300	1.85	0.27	3.64	0.12	43.7	8.6	13	17.25	7.3
Q935424		3.56	<0.005	0.13	5.05	6.9	1180	1.15	0.92	2.24	0.14	31.3	5.9	13	11.85	6.4
Q935425		4.18	<0.005	0.03	6.89	6.4	2460	1.68	0.17	3.46	0.11	42.0	9.7	13	13.00	5.0
Q935426		7.07	<0.005	0.06	6.38	9.0	1740	1.56	0.11	3.29	0.07	40.6	9.1	12	13.35	8.0
Q935427		5.90	<0.005	0.10	7.33	5.1	1990	1.65	0.22	2.37	0.14	51.2	9.2	11	13.70	10.7
Q935428		2.14	<0.005	0.14	7.01	6.8	2060	1.55	0.16	2.60	0.20	35.9	9.4	11	13.70	16.2
Q935429		5.13	<0.005	0.15	7.81	6.2	2970	1.42	0.14	1.32	0.25	55.8	9.5	12	12.70	14.4
Q935430		0.30	0.380	4.95	6.83	714	380	1.60	3.82	2.14	12.25	56.0	13.9	25	15.10	330
Q935431		2.54	<0.005	0.16	8.46	7.2	2210	1.54	0.14	0.59	0.15	49.4	8.9	12	17.55	16.0
Q935432		6.73	0.007	0.25	6.89	39.0	1080	1.67	0.31	2.69	0.21	49.1	8.8	15	16.35	7.1
Q935433		2.24	0.006	0.39	7.09	53.2	1350	1.58	0.20	3.02	0.45	55.4	9.2	11	15.10	11.9
Q935434		6.04	<0.005	0.01	0.18	<0.2	40	0.11	0.02	21.1	0.06	1.49	1.0	4	1.22	3.2
Q935435		5.65	<0.005	0.30	7.09	39.6	700	1.67	0.40	2.92	0.36	49.6	9.3	13	17.00	9.5
Q935436		4.14	0.007	0.24	6.45	53.0	850	1.67	0.33	3.24	0.31	45.6	8.8	9	31.0	5.1
Q935437		6.61	<0.005	0.05	6.68	6.0	1140	1.65	0.08	3.01	0.08	41.8	9.5	12	19.90	4.9
Q935438		3.74	<0.005	0.02	6.77	3.7	1290	1.56	0.06	3.28	0.05	47.3	9.0	13	14.20	3.1
Q935439		<0.02	<0.005	0.02	6.66	3.6	1300	1.63	0.06	3.31	0.04	45.4	9.0	14	14.70	5.7
Q935440		4.99	<0.005	0.04	7.12	3.8	1610	1.77	0.09	2.98	0.07	52.2	9.2	13	14.20	7.2
Q935441		5.59	<0.005	0.12	6.62	13.7	4740	1.68	0.15	3.51	0.21	42.5	9.9	11	18.85	5.1
Q935442		5.37	<0.005	0.06	7.53	2.1	1800	1.45	0.06	2.64	0.05	52.3	9.5	14	9.52	8.6
Q935443		3.77	<0.005	0.06	6.80	5.1	1610	1.50	0.07	2.89	0.06	44.5	9.3	10	15.35	12.2
Q935444		0.31	0.907	13.40	6.37	1505	510	1.57	14.25	1.88	36.3	50.3	19.6	19	15.05	289
Q935445		4.48	<0.005	0.10	5.55	4.5	1170	1.24	0.47	2.58	0.07	45.0	7.7	14	9.81	5.9
Q935446		3.91	<0.005	0.06	6.44	2.8	1500	1.52	0.27	2.97	0.07	35.0	8.2	12	11.05	7.1
Q935447		4.06	<0.005	0.04	6.21	8.9	870	1.54	0.13	2.53	0.05	30.9	7.7	11	10.55	6.0
Q935448		1.84	0.010	0.02	6.25	4.5	980	1.39	0.17	2.43	0.05	34.3	8.1	10	9.41	5.5
Q935449		5.35	<0.005	0.03	6.25	2.1	2300	1.42	0.20	3.16	0.06	35.7	8.6	11	11.35	6.5
Q935450		7.24	<0.005	0.03	6.93	2.5	1880	1.47	0.31	2.62	0.06	41.0	8.9	12	14.95	4.7
Q935451		5.92	<0.005	0.02	5.97	9.3	1370	1.32	0.71	3.22	0.06	33.8	8.3	10	17.65	2.5
Q935452		1.34	<0.005	0.08	6.15	10.8	800	1.41	0.49	3.44	0.07	36.7	7.2	8	14.00	2.7
Q935453		5.43	<0.005	0.02	0.08	<0.2	40	0.07	0.02	20.3	0.06	1.33	1.3	<1	0.23	4.9
Q935454		5.22	<0.005	0.05	7.03	4.6	2120	1.46	0.22	3.45	0.07	39.7	8.9	10	16.65	7.2
Q935455		7.45	<0.005	0.08	7.38	3.8	2450	1.44	0.22	3.00	0.07	39.0	8.9	10	10.55	11.2
Q935456		1.95	<0.005	0.04	7.44	1.9	1910	1.34	0.13	2.48	0.05	43.8	9.5	14	7.59	6.6
Q935457		8.38	0.010	0.08	7.12	2.6	3760	1.40	0.38	2.79	0.06	35.7	8.8	12	9.83	2.4
Q935458		7.28	<0.005	0.02	7.14	3.1	2140	1.40	0.41	3.24	0.06	47.0	9.2	12	12.60	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128253

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935423		2.92	16.35	<0.05	1.4	0.036	2.46	20.1	27.3	0.83	1120	0.90	1.35	8.9	2.8	620
Q935424		1.90	14.55	0.06	1.4	0.071	1.63	15.4	22.4	0.62	694	0.86	0.83	5.8	1.8	220
Q935425		3.04	17.20	0.06	1.2	0.040	2.57	18.9	14.8	0.76	843	0.65	1.65	8.7	2.9	650
Q935426		2.91	15.80	0.09	1.1	0.046	2.40	18.1	16.0	0.74	820	0.86	1.58	8.3	2.8	590
Q935427		3.03	17.35	0.06	1.4	0.047	2.40	25.0	23.2	0.78	789	1.36	1.38	9.0	2.8	620
Q935428		3.09	18.30	0.05	1.4	0.048	2.51	15.3	33.7	0.61	955	1.61	0.16	8.8	2.7	720
Q935429		3.22	17.75	0.08	1.4	0.047	2.32	27.8	54.1	0.53	937	1.61	0.08	9.3	3.0	690
Q935430		5.22	16.75	0.06	1.3	0.340	3.14	30.3	30.5	0.82	1960	16.05	0.16	7.2	15.2	530
Q935431		3.18	20.4	<0.05	1.5	0.051	2.67	23.3	44.5	0.39	598	2.15	0.08	10.2	2.7	740
Q935432		3.60	16.90	0.06	1.1	0.192	3.39	23.9	23.5	0.92	3200	1.71	0.04	8.4	2.8	620
Q935433		3.27	17.70	0.06	1.2	0.129	2.78	28.3	120.0	1.04	2140	0.97	0.03	8.2	2.9	590
Q935434		0.50	0.51	<0.05	<0.1	0.006	0.10	0.7	2.8	13.55	224	0.10	0.01	0.3	2.2	210
Q935435		3.18	17.20	0.07	1.1	0.077	3.20	23.8	84.6	0.95	2140	1.47	0.04	8.5	2.7	620
Q935436		3.19	16.10	0.06	1.3	0.093	3.00	22.4	44.2	1.12	2540	0.74	0.04	8.0	2.5	550
Q935437		3.05	16.50	<0.05	1.3	0.056	2.51	19.0	23.9	0.63	1060	1.02	1.11	8.3	2.8	600
Q935438		2.97	15.20	0.06	1.3	0.056	2.43	22.8	10.0	0.79	977	0.84	1.72	8.3	2.8	600
Q935439		2.99	15.65	0.07	1.3	0.056	2.46	22.0	10.4	0.77	987	0.88	1.73	8.6	2.7	620
Q935440		3.02	17.15	0.09	1.5	0.045	2.78	25.5	10.6	0.83	782	1.43	1.67	9.5	2.8	680
Q935441		3.04	15.85	0.09	1.3	0.046	2.59	20.7	45.8	0.93	1280	0.55	0.37	8.1	2.5	550
Q935442		3.16	16.70	0.06	1.3	0.038	2.68	26.0	17.2	0.92	718	0.93	1.62	9.0	3.0	650
Q935443		3.10	17.45	0.07	1.3	0.039	2.54	20.3	28.7	0.85	811	0.86	0.98	9.0	2.9	650
Q935444		6.53	16.60	0.08	1.2	0.866	2.94	25.6	21.5	0.77	1810	9.56	0.12	7.3	13.1	510
Q935445		2.57	13.30	<0.05	1.1	0.062	1.86	23.7	18.9	0.83	1300	0.81	0.71	6.7	2.5	480
Q935446		2.92	15.10	<0.05	1.3	0.041	2.03	15.8	16.5	0.83	1140	0.63	1.96	7.7	3.0	620
Q935447		2.34	14.20	<0.05	1.6	0.029	2.31	14.9	22.1	0.80	758	0.71	1.40	8.3	2.3	480
Q935448		2.55	14.05	<0.05	1.6	0.031	2.14	16.1	26.3	0.77	821	0.67	1.58	8.3	2.5	490
Q935449		2.73	14.05	<0.05	1.3	0.036	2.10	17.0	15.1	0.83	840	0.61	1.89	7.9	2.6	580
Q935450		2.92	15.25	0.05	1.2	0.043	2.01	18.9	12.8	0.79	821	0.70	2.17	8.0	3.0	640
Q935451		2.87	14.45	<0.05	1.0	0.065	1.58	15.4	22.0	0.89	1080	0.50	1.42	7.4	2.9	580
Q935452		2.31	13.35	<0.05	1.2	0.041	1.85	17.3	38.1	0.93	920	0.34	0.70	7.5	2.4	580
Q935453		0.47	0.31	<0.05	<0.1	<0.005	0.03	0.6	1.2	13.00	208	0.11	0.01	0.4	4.0	180
Q935454		3.07	15.15	0.07	1.2	0.036	2.12	19.5	12.1	0.97	885	0.55	2.09	8.1	3.3	630
Q935455		3.05	15.75	0.07	1.2	0.035	2.36	18.7	12.5	0.92	794	0.61	2.25	8.1	2.8	670
Q935456		3.12	15.70	0.07	1.2	0.037	2.28	21.2	12.8	0.94	808	0.74	2.53	8.5	3.0	660
Q935457		3.00	16.20	0.06	1.1	0.045	1.83	16.9	14.8	0.82	1130	0.58	2.53	7.9	3.0	630
Q935458		2.98	15.90	0.07	1.2	0.051	1.99	22.6	14.2	0.96	1220	0.75	2.30	8.3	3.0	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128253

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935423		15.8	110.0	<0.002	0.09	6.11	12.4	<1	1.6	208	0.76	<0.05	12.2	0.276	1.73	3.6
Q935424		9.8	87.9	<0.002	0.11	5.44	5.0	1	1.6	125.5	0.98	0.05	16.0	0.104	1.24	4.5
Q935425		18.2	89.1	<0.002	0.05	3.22	12.1	1	1.6	324	0.70	<0.05	11.3	0.286	1.33	3.8
Q935426		14.7	84.8	<0.002	0.04	3.77	11.8	<1	1.6	256	0.67	<0.05	10.2	0.276	1.18	3.2
Q935427		20.6	95.9	<0.002	0.02	8.66	12.5	1	2.0	320	0.80	<0.05	14.0	0.278	1.09	3.9
Q935428		20.8	77.4	<0.002	0.03	14.40	12.8	<1	2.0	169.0	0.71	<0.05	9.5	0.318	1.18	2.7
Q935429		19.3	91.5	<0.002	0.06	21.1	13.8	<1	1.9	132.5	0.78	0.05	15.9	0.305	1.07	2.4
Q935430		501	172.5	0.005	2.71	33.7	10.3	1	6.6	116.5	0.59	0.32	12.7	0.215	2.80	5.7
Q935431		25.1	111.0	<0.002	0.03	19.60	13.9	<1	2.1	118.5	0.84	<0.05	15.5	0.320	1.27	3.9
Q935432		24.9	175.5	<0.002	0.23	14.45	12.3	<1	1.7	124.5	0.64	<0.05	11.3	0.275	3.52	4.4
Q935433		39.1	133.0	<0.002	0.29	20.5	12.0	1	1.6	152.0	0.64	<0.05	12.2	0.269	3.01	3.8
Q935434		1.6	5.5	<0.002	<0.01	0.10	0.3	<1	<0.2	53.1	<0.05	<0.05	0.3	0.007	0.06	1.1
Q935435		23.6	137.5	<0.002	0.22	16.90	12.5	<1	1.8	157.5	0.65	<0.05	11.4	0.282	3.50	5.2
Q935436		19.3	145.5	<0.002	0.26	14.75	11.4	<1	1.6	169.5	0.69	<0.05	12.4	0.257	2.98	4.8
Q935437		14.2	103.5	<0.002	0.05	5.46	11.6	<1	1.5	203	0.67	<0.05	11.1	0.272	1.61	3.4
Q935438		10.6	114.0	<0.002	0.03	3.31	12.1	<1	1.5	232	0.64	<0.05	11.7	0.279	1.39	3.8
Q935439		11.0	111.5	<0.002	0.03	3.43	12.1	<1	1.6	230	0.67	<0.05	11.8	0.272	1.41	3.6
Q935440		16.3	116.5	<0.002	0.02	3.94	13.6	<1	1.7	356	0.91	<0.05	13.3	0.287	1.33	4.6
Q935441		11.9	111.0	<0.002	0.20	11.00	11.2	<1	1.7	226	0.73	<0.05	11.9	0.251	1.97	3.3
Q935442		16.4	97.2	<0.002	0.01	2.83	12.7	<1	1.8	353	0.72	<0.05	14.2	0.287	0.96	4.3
Q935443		18.1	82.8	<0.002	0.02	6.51	12.8	<1	2.0	279	0.72	<0.05	12.0	0.283	1.27	3.3
Q935444		1310	174.0	<0.002	4.48	73.0	10.4	2	9.2	102.5	0.60	1.28	12.6	0.208	2.89	6.0
Q935445		10.2	108.5	<0.002	0.03	4.80	9.8	1	1.7	146.0	0.58	<0.05	10.6	0.209	1.29	2.3
Q935446		15.7	76.3	<0.002	0.02	3.31	10.1	1	1.4	279	0.72	<0.05	9.4	0.269	1.09	3.4
Q935447		15.0	92.0	<0.002	0.03	3.49	7.9	1	1.7	189.5	0.89	<0.05	13.4	0.213	1.29	4.7
Q935448		14.9	83.9	<0.002	0.02	3.41	8.4	1	1.7	210	0.93	<0.05	13.1	0.218	1.15	4.4
Q935449		13.1	74.5	<0.002	0.05	2.72	9.8	1	1.5	301	0.72	<0.05	9.2	0.248	0.98	3.3
Q935450		17.4	68.5	<0.002	0.01	1.67	11.6	1	1.6	440	0.64	<0.05	11.7	0.278	0.81	3.5
Q935451		14.3	49.5	<0.002	0.05	6.04	9.7	1	1.5	324	0.60	<0.05	8.6	0.255	1.13	3.4
Q935452		16.5	60.3	<0.002	0.17	7.92	9.9	1	1.4	232	0.60	<0.05	10.1	0.260	1.97	2.2
Q935453		3.6	1.7	<0.002	<0.01	<0.05	0.3	<1	<0.2	49.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q935454		12.0	85.6	<0.002	0.07	3.30	11.6	1	1.6	303	0.64	<0.05	13.3	0.276	1.29	4.6
Q935455		16.7	80.4	<0.002	0.04	2.89	10.9	1	1.7	387	0.66	<0.05	12.9	0.276	0.95	4.0
Q935456		17.6	78.4	<0.002	0.03	3.13	12.0	1	1.7	335	0.61	<0.05	11.9	0.290	0.91	3.7
Q935457		12.2	70.8	<0.002	0.09	3.29	10.8	1	1.6	334	0.58	0.07	10.0	0.271	0.99	3.2
Q935458		18.4	81.0	<0.002	0.03	3.00	12.4	1	1.6	380	0.67	0.09	12.1	0.277	1.00	4.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128253

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935423		77	2.2	14.1	73	32.2
Q935424		57	1.3	9.2	63	27.2
Q935425		82	1.2	13.3	68	29.4
Q935426		77	1.4	12.7	63	27.8
Q935427		81	4.0	16.3	72	31.6
Q935428		94	4.1	13.2	76	35.1
Q935429		83	8.6	16.8	82	33.7
Q935430		67	6.6	12.6	907	36.4
Q935431		88	6.1	12.7	74	35.0
Q935432		78	4.5	15.0	83	28.0
Q935433		80	3.9	14.5	86	29.2
Q935434		3	0.1	0.9	17	0.5
Q935435		81	3.4	14.3	93	28.7
Q935436		72	2.8	14.5	93	31.6
Q935437		78	2.1	13.5	67	31.2
Q935438		74	1.4	14.4	63	34.0
Q935439		73	1.5	14.1	64	33.9
Q935440		81	1.4	15.9	54	34.9
Q935441		77	2.4	14.0	80	32.8
Q935442		80	1.9	15.2	54	35.0
Q935443		83	2.1	13.7	59	34.1
Q935444		61	6.9	12.0	2380	34.2
Q935445		63	1.5	10.4	158	27.1
Q935446		78	1.2	11.1	137	30.0
Q935447		61	1.7	10.2	58	37.3
Q935448		62	1.6	10.7	76	37.5
Q935449		71	1.1	12.1	64	31.5
Q935450		83	0.7	14.5	88	32.7
Q935451		78	0.7	12.1	113	26.6
Q935452		71	1.3	11.0	87	31.2
Q935453		2	0.1	0.9	17	<0.5
Q935454		78	1.0	13.9	77	30.7
Q935455		81	0.6	13.9	63	30.6
Q935456		81	0.9	12.6	71	32.8
Q935457		81	1.4	11.0	115	28.6
Q935458		81	1.2	14.7	142	29.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128253

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

CERTIFICATE WH14128254

Project: KLAZA

P.O. No.: BATCH 190

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128254

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933557		3.43	<0.005	0.33	7.27	31.3	2860	1.24	0.11	2.00	1.30	39.8	9.1	8	15.95	21.7
Q933558		7.07	<0.005	0.13	7.38	9.5	1930	1.46	0.11	3.00	0.19	44.7	9.3	8	16.85	10.2
Q933559		3.85	<0.005	0.24	7.33	19.0	1850	1.34	0.09	3.29	5.24	45.1	9.6	7	22.5	6.5
Q933560		2.13	<0.005	0.19	7.05	23.4	1770	1.27	0.09	2.84	3.95	41.4	8.7	7	21.8	7.7
Q933561		7.48	<0.005	0.05	7.77	4.3	2190	1.50	0.07	2.94	0.27	48.9	9.5	10	19.40	6.1
Q933562		3.46	<0.005	0.30	7.38	44.4	1130	1.46	0.15	2.41	2.55	46.2	9.4	8	23.3	12.9
Q933563		0.29	0.341	4.46	6.68	716	430	1.29	3.44	2.01	10.85	49.4	12.5	23	13.30	313
Q933564		6.74	0.536	2.36	6.20	112.5	470	1.40	5.51	1.34	1.86	39.2	14.5	6	13.30	62.0
Q933565		8.40	<0.005	0.28	7.61	22.4	1150	1.60	0.42	1.98	0.28	49.9	7.5	8	15.25	11.5
Q933566		3.69	0.151	2.24	4.35	1975	290	0.97	1.17	6.44	23.4	32.6	8.4	1	9.13	9.0
Q933567		6.11	<0.005	0.01	0.10	<0.2	30	0.09	0.02	21.3	0.08	1.39	1.6	1	0.29	1.8
Q933568		8.12	0.008	1.37	7.14	98.0	1540	1.48	1.03	2.53	1.16	46.5	7.2	8	15.30	7.3
Q933569		9.19	<0.005	0.12	7.17	9.9	1690	1.27	0.66	2.51	0.25	37.4	7.7	8	11.90	9.8
Q933570		10.55	<0.005	0.15	7.43	11.9	1820	1.43	0.35	2.44	0.20	45.2	9.0	8	13.20	10.6
Q933571		3.14	<0.005	0.08	7.32	1.8	2050	1.48	0.27	2.92	0.15	37.1	10.0	10	11.55	9.1
Q933572		3.54	<0.005	0.08	6.86	6.9	1840	1.17	0.96	4.40	0.21	43.6	8.2	7	14.95	8.9
Q933573		<0.02	<0.005	0.08	6.79	6.7	1870	1.17	0.43	4.27	0.21	41.0	8.3	7	14.80	8.7
Q933574		3.67	<0.005	0.13	8.45	5.0	2010	1.24	0.15	1.08	0.18	45.3	9.8	8	10.10	11.8
Q933575		7.10	<0.005	0.10	7.51	10.0	2030	1.24	0.11	1.68	0.15	38.4	8.8	7	14.15	10.6
Q933576		5.85	<0.005	0.31	7.08	35.6	1810	1.48	0.07	2.93	1.18	48.7	9.4	6	19.90	8.2
Q933577		10.22	<0.005	0.13	7.38	37.2	1790	1.26	0.07	2.87	0.32	41.8	9.8	8	18.90	11.1
Q933578		7.61	0.007	0.16	7.32	21.0	1650	1.23	0.18	2.41	0.37	40.1	9.7	7	12.80	8.8
Q933579		2.62	<0.005	0.05	7.52	2.0	2060	1.41	0.05	2.92	0.10	42.2	9.6	10	12.15	11.2
Q933580		6.33	0.022	0.22	7.14	31.7	1980	1.45	0.26	2.85	0.17	43.2	9.9	9	11.15	15.6
Q933581		8.05	<0.005	0.08	7.06	3.0	2010	1.43	0.07	2.77	0.22	45.6	9.4	11	9.82	11.3
Q933582		7.39	<0.005	0.16	7.19	3.9	2000	1.32	0.06	2.80	0.14	45.3	9.1	11	10.25	7.3
Q933583		0.30	0.851	11.80	6.20	1480	500	1.29	11.65	1.73	31.4	47.4	17.3	16	13.30	271
Q933584		5.71	0.005	0.42	6.71	40.1	2030	1.31	0.17	3.77	0.71	48.4	7.9	7	15.10	7.6
Q933585		8.84	0.005	0.30	6.94	48.9	1240	1.33	0.07	3.21	0.27	44.5	8.0	7	22.4	10.0
Q933586		5.55	<0.005	<0.01	0.07	<0.2	30	0.06	0.02	19.95	0.06	1.21	1.3	2	0.28	1.8
Q933587		9.58	<0.005	0.10	7.20	9.6	1820	1.55	0.12	2.35	0.17	40.7	7.8	8	23.0	13.2
Q933588		11.45	<0.005	0.08	7.13	7.8	1780	1.48	0.21	2.70	0.10	42.3	8.8	8	19.00	8.4
Q933589		7.60	0.022	0.30	7.15	37.1	2010	1.28	0.58	2.45	0.62	50.2	13.9	7	17.90	9.6
Q933590		9.81	<0.005	0.20	7.35	36.9	3540	1.71	0.16	2.53	0.36	73.3	7.1	15	21.2	16.0
Q933591		7.63	<0.005	0.09	6.79	24.7	1350	1.58	0.13	3.05	0.30	66.1	6.0	12	20.0	1.7
Q933592		8.27	0.027	1.25	7.06	94.8	1210	1.68	0.33	2.57	4.66	64.6	6.4	12	18.90	12.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128254

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933557		3.17	16.95	0.06	1.2	0.063	2.58	18.7	37.6	0.65	1470	0.84	0.29	8.3	3.0	670
Q933558		3.15	16.65	0.06	1.3	0.053	2.54	21.1	15.2	0.82	1140	0.68	1.91	8.4	3.0	650
Q933559		3.51	16.40	0.06	1.2	0.058	2.54	21.6	23.8	0.85	1850	0.80	0.80	8.0	2.9	630
Q933560		3.17	16.20	0.07	1.2	0.061	2.56	19.3	23.3	0.77	1620	1.32	0.85	8.1	2.7	660
Q933561		3.29	16.80	0.06	1.3	0.047	2.56	23.6	17.4	0.84	763	1.25	1.99	8.7	3.1	700
Q933562		3.26	17.20	0.08	1.3	0.080	2.82	22.2	86.2	0.89	1990	0.79	0.07	8.5	3.0	670
Q933563		5.06	15.40	0.10	1.1	0.313	2.90	27.3	25.0	0.78	1980	15.10	0.15	6.6	14.8	540
Q933564		5.66	15.00	0.10	1.0	0.161	2.44	20.7	125.0	0.86	2020	1.65	0.05	6.2	3.2	510
Q933565		3.12	17.25	0.07	1.4	0.075	2.87	25.0	44.5	0.83	1530	0.67	0.15	8.7	2.6	670
Q933566		5.87	11.20	0.11	0.7	0.235	2.07	17.4	13.9	2.12	17150	0.63	0.02	4.6	2.3	340
Q933567		0.49	0.37	<0.05	<0.1	0.005	0.04	0.7	1.2	13.70	251	0.06	0.01	0.4	4.3	230
Q933568		3.00	17.60	0.08	1.1	0.073	3.18	24.0	55.9	1.00	2220	0.21	0.05	7.7	2.9	620
Q933569		2.87	17.25	0.07	1.1	0.042	2.51	17.5	42.5	0.63	1040	0.37	0.43	8.3	2.3	650
Q933570		3.28	17.00	0.08	1.1	0.071	2.73	22.6	47.2	0.87	1680	0.42	0.14	8.2	3.3	660
Q933571		3.36	16.90	0.07	1.1	0.039	2.40	17.1	14.6	0.91	718	0.63	1.65	8.3	3.2	660
Q933572		2.83	16.00	0.07	1.1	0.038	2.28	21.8	64.9	1.05	1190	0.46	0.08	7.5	2.7	610
Q933573		2.83	16.15	0.07	1.1	0.039	2.29	20.0	65.3	1.04	1160	0.48	0.08	7.6	2.7	610
Q933574		2.87	18.35	0.07	1.4	0.045	2.82	21.6	47.1	0.68	547	0.89	0.09	9.4	3.1	740
Q933575		3.13	17.75	0.06	1.3	0.043	2.27	17.8	35.8	0.65	1020	0.79	0.07	8.8	2.8	680
Q933576		3.77	16.20	0.09	1.1	0.113	2.72	24.9	117.0	1.09	4410	0.64	0.04	7.7	2.9	640
Q933577		3.27	17.40	0.07	1.3	0.045	2.53	19.4	37.9	0.79	882	1.45	0.43	8.7	3.1	680
Q933578		3.31	17.85	0.08	1.3	0.078	2.90	19.0	31.9	0.83	1800	0.74	0.11	8.5	3.1	640
Q933579		3.18	17.20	0.08	1.2	0.040	2.46	19.7	12.5	0.88	696	0.78	2.20	8.6	3.2	660
Q933580		3.30	16.70	0.06	1.3	0.061	2.58	19.4	13.4	0.92	1230	0.83	1.76	8.4	3.4	630
Q933581		2.97	16.45	0.06	1.3	0.044	2.38	20.9	12.0	0.89	742	0.95	2.04	8.4	3.2	630
Q933582		3.03	16.15	0.07	1.3	0.039	2.39	20.7	16.6	0.90	745	0.87	1.91	8.3	3.3	630
Q933583		6.03	14.65	0.16	1.1	0.798	2.68	24.2	18.8	0.73	1740	8.08	0.12	6.7	11.9	510
Q933584		2.98	14.75	0.08	1.1	0.060	2.40	25.2	240	1.40	1820	0.55	0.05	7.4	2.7	570
Q933585		2.88	15.80	0.07	1.1	0.055	2.57	21.7	112.0	1.06	1760	0.58	0.06	7.9	2.6	640
Q933586		0.45	0.25	<0.05	<0.1	<0.005	0.03	0.6	1.5	12.70	207	0.16	<0.01	0.3	3.8	170
Q933587		3.37	17.75	0.09	1.2	0.046	2.79	18.7	57.5	0.78	741	0.54	1.00	8.2	2.8	630
Q933588		3.10	17.20	0.08	1.2	0.040	2.46	19.5	64.1	0.89	676	0.76	1.25	8.4	2.9	650
Q933589		3.83	16.70	0.11	1.2	0.085	2.82	24.8	79.1	0.95	1280	1.53	0.16	8.3	2.8	630
Q933590		2.35	19.85	0.09	3.0	0.030	1.98	35.2	113.0	0.99	711	1.88	0.05	13.3	5.1	1110
Q933591		2.35	18.15	0.08	2.5	0.029	2.22	32.8	122.5	1.06	802	0.66	0.07	11.8	3.8	830
Q933592		2.41	18.45	0.08	2.7	0.041	2.28	31.8	87.6	0.98	841	3.41	0.07	12.0	4.5	920

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128254

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933557		64.0	104.5	<0.002	0.16	18.65	12.5	1	1.9	193.5	0.65	<0.05	10.8	0.288	1.43	2.8
Q933558		23.0	110.0	<0.002	0.03	3.09	12.6	1	1.9	421	0.67	<0.05	12.2	0.286	1.12	3.8
Q933559		127.5	108.5	<0.002	0.14	9.39	12.8	1	1.8	299	0.65	<0.05	12.1	0.276	1.27	3.1
Q933560		89.1	99.0	<0.002	0.13	8.84	12.1	1	2.0	291	0.65	<0.05	10.7	0.280	1.23	2.9
Q933561		22.7	105.5	<0.002	0.02	2.79	13.1	1	1.7	422	0.68	<0.05	12.7	0.293	1.06	4.1
Q933562		101.5	134.5	<0.002	0.38	20.7	13.0	1	1.9	182.5	0.71	<0.05	12.4	0.287	2.60	4.1
Q933563		478	162.5	0.004	2.72	29.0	9.7	1	6.0	109.5	0.53	0.38	12.2	0.212	2.35	5.2
Q933564		147.5	146.0	<0.002	2.11	30.7	10.2	1	1.7	73.8	0.50	0.20	10.8	0.215	1.63	6.6
Q933565		19.0	154.0	<0.002	0.25	18.05	13.3	1	2.0	119.0	0.73	<0.05	14.5	0.288	1.91	4.5
Q933566		816	143.0	<0.002	1.89	49.0	7.0	1	1.9	105.0	0.36	0.08	7.3	0.154	1.76	8.4
Q933567		2.1	2.4	<0.002	<0.01	0.09	0.3	1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q933568		65.6	175.0	<0.002	0.36	12.30	11.7	1	1.6	110.5	0.59	<0.05	14.6	0.265	2.66	5.4
Q933569		28.7	93.3	<0.002	0.11	11.05	11.6	1	1.7	177.5	0.63	<0.05	12.3	0.280	1.32	3.5
Q933570		18.4	139.0	<0.002	0.20	14.65	12.9	1	1.7	144.0	0.63	<0.05	13.8	0.273	1.72	3.6
Q933571		22.0	83.1	<0.002	<0.01	2.74	12.3	1	1.5	415	0.62	<0.05	10.8	0.293	1.06	3.3
Q933572		17.6	84.0	<0.002	0.05	13.45	11.7	1	1.4	239	0.59	<0.05	10.8	0.259	1.27	3.2
Q933573		18.1	78.5	<0.002	0.05	13.65	11.5	1	1.5	235	0.59	<0.05	10.7	0.259	1.34	3.5
Q933574		22.2	104.5	<0.002	0.02	10.00	14.2	1	2.1	142.0	0.74	<0.05	14.0	0.320	1.24	3.6
Q933575		16.3	82.2	<0.002	0.05	17.10	13.0	1	1.6	132.0	0.67	<0.05	11.5	0.294	1.23	2.7
Q933576		53.2	138.0	<0.002	0.26	15.40	12.7	1	2.2	214	0.60	<0.05	12.5	0.268	2.46	4.3
Q933577		29.3	92.4	<0.002	0.06	12.90	13.6	1	1.7	267	0.68	<0.05	11.4	0.299	1.31	3.1
Q933578		24.0	111.0	<0.002	0.14	11.30	12.8	1	1.7	151.5	0.68	<0.05	11.5	0.279	1.68	2.9
Q933579		15.7	87.3	<0.002	0.01	1.80	12.8	1	1.6	418	0.67	<0.05	12.3	0.289	1.00	3.9
Q933580		24.2	100.5	<0.002	0.21	2.99	11.7	1	1.8	354	0.66	<0.05	10.9	0.275	1.38	3.6
Q933581		23.7	91.7	<0.002	0.02	1.43	12.3	1	1.6	397	0.65	<0.05	11.3	0.270	0.99	3.7
Q933582		21.8	97.1	<0.002	0.02	2.12	12.4	1	1.6	382	0.65	<0.05	11.8	0.269	1.08	4.0
Q933583		1220	161.0	<0.002	4.45	61.7	9.6	2	8.0	90.9	0.53	1.21	11.3	0.204	2.44	5.0
Q933584		19.2	118.5	<0.002	0.19	10.25	11.1	1	1.6	193.0	0.60	<0.05	12.1	0.243	2.03	4.6
Q933585		27.2	104.0	<0.002	0.16	11.30	11.8	1	1.6	219	0.62	<0.05	11.2	0.269	1.99	3.7
Q933586		1.7	1.8	<0.002	<0.01	0.05	0.2	1	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q933587		20.4	108.5	<0.002	0.07	6.80	11.9	1	1.6	308	0.66	<0.05	11.9	0.277	1.58	3.6
Q933588		16.3	91.5	<0.002	0.05	4.72	12.0	1	1.5	336	0.67	<0.05	11.4	0.279	1.32	4.0
Q933589		36.6	133.5	<0.002	0.56	8.11	12.7	1	2.3	192.5	0.66	0.08	11.7	0.269	1.99	4.6
Q933590		23.4	71.8	<0.002	0.17	13.95	7.5	1	1.6	569	0.85	<0.05	10.6	0.298	1.91	5.5
Q933591		34.5	88.5	<0.002	0.18	8.42	6.5	1	1.4	418	0.78	<0.05	10.0	0.243	2.20	4.3
Q933592		150.0	93.1	<0.002	0.24	10.10	7.0	1	1.5	464	0.77	<0.05	10.4	0.265	2.21	5.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128254

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q933557		86	4.7	15.7	144	31.5
Q933558		85	2.8	16.3	68	32.6
Q933559		87	2.2	18.0	412	32.6
Q933560		86	2.1	15.3	327	30.8
Q933561		88	1.4	17.8	69	34.0
Q933562		86	3.7	16.6	244	34.2
Q933563		68	5.6	12.7	892	31.4
Q933564		74	4.4	11.0	227	28.3
Q933565		81	2.9	16.9	70	37.5
Q933566		53	2.5	15.6	1760	19.9
Q933567		3	0.1	1.3	18	<0.5
Q933568		80	9.1	15.9	158	30.2
Q933569		83	2.6	14.2	86	29.7
Q933570		83	3.2	16.3	93	31.1
Q933571		85	1.0	15.3	81	30.2
Q933572		80	1.6	17.9	86	29.5
Q933573		80	1.6	17.4	84	28.8
Q933574		92	20.8	14.0	74	36.1
Q933575		88	6.1	14.9	65	34.0
Q933576		80	4.5	17.3	149	29.0
Q933577		92	2.4	17.1	77	34.0
Q933578		87	4.2	16.6	79	34.3
Q933579		86	1.2	16.7	51	33.2
Q933580		81	1.6	15.6	61	33.2
Q933581		78	0.9	16.3	62	32.5
Q933582		79	1.5	16.4	56	33.1
Q933583		59	5.7	11.5	2340	28.4
Q933584		70	3.8	14.8	103	29.0
Q933585		80	4.5	15.5	69	28.8
Q933586		3	<0.1	0.8	15	<0.5
Q933587		81	2.0	14.3	66	29.7
Q933588		83	1.5	15.7	52	30.7
Q933589		81	5.9	15.4	110	32.0
Q933590		58	1.9	14.4	73	106.0
Q933591		48	1.3	13.9	85	81.7
Q933592		52	1.5	14.0	353	95.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128254

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

CERTIFICATE WH14128255

Project: KLAZA

P.O. No.: BATCH 191

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

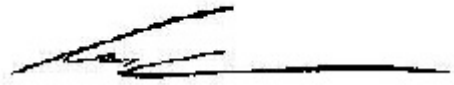
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128255

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935459		5.98	<0.005	0.02	6.71	4.1	1370	1.37	0.35	2.72	0.06	40.7	9.0	13	12.85	3.3
Q935460		2.90	0.014	0.03	4.67	6.9	370	1.10	3.58	2.36	0.10	30.5	5.7	12	7.36	2.7
Q935461		6.23	<0.005	<0.01	6.09	8.2	920	1.32	2.13	2.30	0.10	38.4	8.5	13	8.52	2.4
Q935462		2.74	0.014	0.32	8.06	32.0	2330	1.55	0.85	0.55	3.04	70.8	13.1	8	17.75	38.2
Q935463		2.64	0.007	0.21	7.62	26.7	2010	1.49	0.47	1.35	1.54	44.1	8.9	8	18.90	33.4
Q935464		2.39	0.015	0.85	7.20	49.9	1390	1.68	2.62	2.05	0.32	52.2	13.3	10	16.75	105.0
Q935465		0.30	0.377	4.35	6.69	719	290	1.38	3.35	2.00	10.95	50.4	13.2	24	13.35	309
Q935466		1.47	0.168	2.64	7.10	121.5	440	1.51	4.77	1.77	1.14	46.5	10.4	7	8.35	120.0
Q935467		5.47	0.005	0.18	7.44	17.4	1260	1.32	0.29	1.53	0.82	48.6	7.0	10	21.5	51.0
Q935468		1.25	0.077	2.68	5.63	168.5	100	1.26	2.88	1.37	5.59	63.1	19.3	5	10.90	34.8
Q935469		4.82	<0.005	0.23	6.84	16.4	2050	1.40	0.45	2.42	0.29	39.2	6.7	9	12.50	18.1
Q935470		2.11	<0.005	0.20	6.98	15.2	1990	1.38	0.43	2.39	0.24	41.4	6.5	11	13.25	15.0
Q935471		4.46	0.018	0.58	7.27	52.1	1920	1.47	0.76	1.64	10.90	59.6	9.6	10	15.55	18.5
Q935472		0.86	2.32	37.9	5.36	433	260	1.04	21.5	0.09	3.39	22.2	40.8	6	6.61	323
Q935473		6.19	0.021	0.66	7.38	60.7	1200	1.45	1.42	1.79	4.95	51.5	11.0	10	13.10	24.6
Q935474		4.42	0.015	1.00	7.01	53.1	1000	1.35	3.08	2.31	3.58	45.4	14.0	10	15.25	32.3
Q935475		3.28	0.020	0.45	7.30	49.5	2220	1.49	1.20	1.53	6.51	48.1	9.1	9	16.85	12.5
Q935476		0.78	0.041	0.72	6.86	79.6	310	1.21	1.44	0.05	4.69	49.5	6.3	9	6.86	23.3
Q935477		1.54	3.70	9.45	2.68	482	40	0.77	7.54	6.22	150.5	29.5	7.0	<1	4.99	166.5
Q935478		5.54	<0.005	0.01	0.06	<0.2	40	0.06	0.03	19.50	0.16	1.12	1.3	<1	0.17	2.3
Q935479		1.06	0.099	1.37	7.34	149.5	1060	1.65	1.76	0.11	6.06	57.6	3.2	10	13.45	28.7
Q935480		5.47	0.029	0.55	7.09	42.5	2640	1.54	2.47	2.06	3.83	43.5	10.7	10	14.30	29.0
Q935481		<0.02	0.025	0.62	7.29	43.2	2550	1.44	2.70	2.10	3.61	45.5	11.6	12	14.80	28.2
Q935482		5.75	0.005	0.13	7.25	15.7	2330	1.52	0.41	2.40	0.91	45.6	7.4	10	9.34	13.1
Q935483		2.00	0.049	0.97	7.33	78.0	670	1.46	2.43	1.44	4.45	78.0	16.5	8	11.80	16.8
Q935484		5.06	0.017	0.28	6.94	28.8	2330	1.44	0.49	3.03	1.33	45.9	6.2	9	18.10	14.0
Q935485		0.93	0.359	4.08	6.16	259	590	1.31	3.75	1.00	42.9	46.6	7.2	8	15.40	56.5
Q935486		5.56	<0.005	0.01	0.06	<0.2	20	<0.05	0.03	19.25	0.11	1.22	1.4	<1	0.19	3.8
Q935487		5.81	0.027	0.83	7.08	53.8	1850	1.63	1.14	2.31	2.31	46.3	6.5	10	20.6	50.8
Q935488		0.29	0.591	11.40	6.17	1510	120	1.34	12.50	1.74	32.8	45.4	17.7	16	14.05	274
Q935489		3.40	1.900	38.8	6.16	1510	100	1.37	26.8	1.70	79.4	43.2	8.5	8	14.40	3280
Q935490		5.79	0.028	1.85	7.29	83.0	2140	1.54	1.79	1.51	5.57	39.9	4.8	15	12.25	149.0
Q935491		2.12	0.011	0.65	6.83	31.9	1970	1.71	0.90	1.81	0.71	48.7	10.4	10	18.00	24.0
Q935492		2.00	0.027	1.57	7.08	82.0	1250	1.56	1.90	1.34	2.14	58.5	9.5	9	20.1	47.7
Q935493		1.66	0.008	0.54	7.13	20.8	2060	1.49	0.99	3.03	0.34	43.1	7.7	12	15.05	36.8
Q935494		3.72	0.005	0.27	7.49	14.6	2310	1.41	0.57	2.54	0.29	46.4	8.5	12	14.70	41.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128255

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935459		2.85	16.30	0.06	1.2	0.039	1.64	18.6	17.0	0.74	983	0.95	2.00	8.6	3.0	600
Q935460		1.98	12.65	<0.05	0.7	0.120	0.89	15.2	25.2	0.59	1000	0.76	1.48	5.3	2.4	400
Q935461		2.50	14.65	<0.05	1.0	0.076	1.14	18.4	23.5	0.81	1290	0.69	2.19	7.2	2.8	540
Q935462		3.37	19.80	0.11	1.3	0.122	2.27	38.7	17.6	0.30	928	7.56	1.25	10.1	3.8	690
Q935463		3.15	17.65	0.08	1.1	0.092	2.66	22.4	15.3	0.43	792	1.75	1.21	8.8	3.1	620
Q935464		3.50	16.95	0.10	1.1	0.218	3.30	26.7	7.9	0.78	1060	4.57	0.23	7.4	3.6	560
Q935465		4.99	16.10	0.13	1.2	0.321	2.86	27.5	26.9	0.78	1920	16.70	0.15	6.9	15.3	520
Q935466		4.97	16.50	0.13	1.0	0.286	3.36	23.6	4.4	0.86	1140	3.09	0.05	7.4	2.8	500
Q935467		2.62	17.15	0.06	1.3	0.072	2.56	23.8	30.5	0.57	827	2.21	0.06	8.9	2.4	600
Q935468		5.09	13.50	0.13	1.7	0.393	2.51	32.5	9.4	0.72	2520	2.44	0.04	6.9	2.8	320
Q935469		2.59	16.45	0.07	1.1	0.105	2.98	18.8	12.6	0.63	770	2.22	1.40	8.5	2.5	530
Q935470		2.61	16.35	0.09	1.1	0.109	2.99	20.1	13.4	0.63	760	2.30	1.38	8.4	2.5	540
Q935471		3.94	15.85	0.11	1.1	0.248	3.41	31.8	9.3	0.57	1910	2.63	0.51	8.3	2.7	550
Q935472		9.82	11.75	0.24	0.7	0.502	2.46	11.4	7.3	0.27	126	3.21	0.05	5.2	2.5	370
Q935473		3.88	16.65	0.11	1.1	0.280	3.20	26.5	11.4	0.59	1110	2.53	0.85	8.0	3.0	590
Q935474		3.67	16.95	0.11	1.1	0.206	3.09	22.5	9.5	0.73	1220	4.21	0.79	8.0	3.3	570
Q935475		3.42	17.05	0.12	1.0	0.170	3.02	25.3	20.0	0.56	1400	3.56	0.11	8.6	2.8	580
Q935476		4.29	17.00	0.15	0.9	0.345	3.29	26.8	7.9	0.26	71	4.07	0.04	8.0	2.1	150
Q935477		10.25	6.88	0.23	0.4	1.310	1.05	15.5	14.9	2.47	11900	4.23	0.02	3.2	2.8	250
Q935478		0.45	0.31	<0.05	<0.1	0.006	0.02	0.5	0.8	12.35	214	0.08	<0.01	0.3	3.2	170
Q935479		3.71	18.60	0.13	1.1	0.614	3.47	30.9	8.3	0.29	169	2.68	0.04	8.4	1.5	420
Q935480		3.28	17.05	0.11	1.1	0.158	3.14	22.1	20.4	0.66	1440	4.67	0.17	7.9	2.7	610
Q935481		3.35	17.40	0.11	1.0	0.160	3.12	24.1	20.5	0.68	1420	3.84	0.17	8.0	2.9	620
Q935482		3.08	16.65	0.13	1.2	0.071	2.70	22.3	9.0	0.79	688	35.3	2.03	8.7	2.9	590
Q935483		3.78	16.35	0.17	1.0	0.277	3.23	43.3	12.2	0.65	1090	7.84	0.43	7.1	2.6	610
Q935484		3.20	16.05	0.14	1.1	0.146	2.86	23.1	16.3	0.95	1130	5.87	0.84	8.0	2.9	550
Q935485		6.09	14.60	0.20	1.3	0.602	2.76	24.6	9.7	0.67	2310	2.55	0.03	7.0	2.7	430
Q935486		0.45	0.23	<0.05	<0.1	0.005	0.02	0.6	0.9	12.55	192	0.15	<0.01	0.3	2.7	160
Q935487		3.03	18.45	0.15	1.2	0.168	3.02	22.4	19.5	0.67	1080	4.96	0.86	9.1	2.8	580
Q935488		6.04	15.60	0.18	1.1	0.815	2.70	23.2	18.9	0.73	1780	8.78	0.12	6.7	12.0	510
Q935489		6.43	15.25	0.19	1.0	2.32	2.75	22.2	7.6	0.78	4070	3.65	0.03	7.2	2.6	490
Q935490		2.30	16.85	0.11	1.1	0.241	3.38	20.0	6.0	0.47	884	3.84	0.31	7.5	2.3	560
Q935491		2.58	16.20	0.12	1.8	0.183	3.15	24.6	10.1	0.51	974	5.88	0.43	8.9	2.4	450
Q935492		4.12	16.30	0.17	1.3	0.191	3.16	32.0	8.6	0.72	1330	36.6	0.05	8.1	2.3	500
Q935493		3.13	16.85	0.15	1.1	0.107	2.78	21.1	9.3	0.76	991	2.36	1.52	8.5	2.8	610
Q935494		2.73	17.50	0.12	1.2	0.084	2.83	23.2	12.4	0.66	660	2.64	1.45	8.9	2.5	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128255

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935459		22.4	64.6	<0.002	0.01	3.20	11.6	1	1.7	396	0.70	<0.05	11.1	0.261	0.92	4.0
Q935460		15.9	53.1	<0.002	0.01	6.97	7.9	1	1.5	195.5	0.39	0.19	8.7	0.171	0.71	2.3
Q935461		16.0	61.4	<0.002	0.03	4.73	10.9	1	1.5	257	0.54	0.08	11.5	0.244	0.84	3.2
Q935462		22.9	111.5	<0.002	0.28	14.75	13.3	1	3.8	140.0	0.72	0.10	14.7	0.289	1.23	5.0
Q935463		25.4	116.0	<0.002	0.31	11.00	12.5	1	2.9	166.5	0.64	0.05	13.3	0.261	1.24	3.5
Q935464		26.6	190.0	<0.002	1.25	13.60	10.7	1	4.0	76.4	0.58	0.24	13.6	0.223	2.50	5.1
Q935465		475	168.0	0.004	2.69	28.4	10.3	2	6.0	109.5	0.53	0.30	12.1	0.203	2.48	5.4
Q935466		109.0	208	<0.002	3.81	14.00	10.3	1	7.8	51.3	0.61	0.42	12.8	0.210	2.60	4.2
Q935467		19.1	107.0	<0.002	0.16	12.25	12.0	1	2.2	83.3	0.71	<0.05	13.9	0.246	1.34	3.7
Q935468		255	174.5	<0.002	2.99	11.90	6.8	1	4.5	52.8	0.86	0.90	21.2	0.123	2.24	5.9
Q935469		18.8	139.5	<0.002	0.32	4.33	11.0	1	2.3	240	0.69	0.09	12.9	0.237	1.73	4.1
Q935470		17.9	144.5	<0.002	0.30	5.00	10.6	1	2.4	237	0.68	0.08	13.0	0.233	1.82	3.9
Q935471		111.5	208	<0.002	0.99	5.62	11.6	1	4.0	123.0	0.62	0.17	13.1	0.236	2.63	3.5
Q935472		589	155.0	<0.002	>10.0	31.2	7.7	4	8.9	34.7	0.38	10.40	7.0	0.158	1.99	2.6
Q935473		71.5	172.5	<0.002	1.51	3.92	11.1	1	3.1	179.0	0.59	0.30	13.7	0.235	2.25	3.8
Q935474		79.7	159.0	<0.002	1.46	3.97	11.4	2	2.9	197.5	0.64	0.97	12.6	0.245	2.16	3.0
Q935475		141.0	183.0	<0.002	0.93	7.38	12.2	2	3.2	86.2	0.63	0.40	13.0	0.247	2.46	3.0
Q935476		95.0	209	<0.002	4.12	5.30	11.1	2	6.7	28.5	0.59	0.28	9.5	0.226	2.75	1.5
Q935477		1090	54.2	<0.002	8.11	27.8	4.0	2	6.0	90.5	0.23	0.39	5.5	0.082	0.94	6.7
Q935478		2.5	1.5	<0.002	<0.01	0.06	0.2	1	<0.2	46.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q935479		568	226	<0.002	1.74	8.06	11.9	1	5.8	65.2	0.66	0.28	17.7	0.240	3.41	5.4
Q935480		39.9	161.0	<0.002	0.91	8.38	11.1	1	2.9	116.5	0.59	0.81	12.9	0.229	2.44	3.1
Q935481		37.1	175.0	<0.002	0.93	8.40	11.2	1	3.0	120.0	0.59	1.01	13.0	0.231	2.41	3.2
Q935482		18.4	115.0	0.010	0.29	2.11	10.9	1	2.7	352	0.72	0.07	12.0	0.246	1.30	3.5
Q935483		30.9	183.0	<0.002	1.62	4.28	12.8	1	7.9	93.1	0.61	0.35	13.4	0.226	2.24	3.5
Q935484		27.5	121.5	<0.002	0.39	4.07	10.2	1	2.7	215	0.63	0.08	12.0	0.238	1.85	4.7
Q935485		285	168.5	0.002	3.99	10.65	8.7	3	6.0	55.9	0.74	0.60	12.2	0.189	2.36	4.7
Q935486		1.8	1.5	<0.002	0.01	<0.05	0.1	1	<0.2	47.1	<0.05	<0.05	0.2	<0.005	<0.02	0.8
Q935487		95.0	139.5	<0.002	0.56	5.61	11.3	1	3.9	183.5	0.76	0.16	12.9	0.247	2.18	5.3
Q935488		1230	162.5	<0.002	4.50	62.9	9.0	2	8.2	91.6	0.53	1.12	11.7	0.206	2.52	5.3
Q935489		1550	171.5	<0.002	5.14	74.1	9.6	2	8.4	48.8	0.57	0.84	11.3	0.218	2.65	3.6
Q935490		235	194.0	<0.002	0.89	22.1	10.9	1	3.7	102.0	0.62	0.19	13.7	0.223	2.60	4.4
Q935491		41.8	152.0	<0.002	0.63	7.35	8.7	1	3.0	112.0	1.09	0.16	20.5	0.192	2.17	10.7
Q935492		85.9	184.0	0.002	1.36	8.15	10.3	1	3.9	54.1	0.78	0.28	17.9	0.214	2.63	5.8
Q935493		40.3	117.0	<0.002	0.48	3.65	11.1	1	2.3	292	0.67	0.20	11.7	0.251	1.70	4.4
Q935494		26.2	117.5	<0.002	0.20	4.76	11.5	1	2.5	269	0.69	0.06	13.4	0.254	1.41	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128255

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935459		77	0.9	14.9	126	31.0
Q935460		62	0.9	10.1	105	19.7
Q935461		69	1.1	12.9	157	27.2
Q935462		74	2.3	17.8	329	34.4
Q935463		71	1.5	17.3	231	30.4
Q935464		66	1.7	14.0	83	28.1
Q935465		66	5.5	12.7	900	32.0
Q935466		60	4.2	10.7	114	27.2
Q935467		66	8.7	15.7	131	34.1
Q935468		35	2.4	9.6	492	39.2
Q935469		63	1.2	15.3	71	31.3
Q935470		62	1.3	15.3	67	30.5
Q935471		62	1.9	15.7	873	29.5
Q935472		48	2.9	6.5	188	18.5
Q935473		67	1.6	13.4	494	29.2
Q935474		66	1.5	13.7	406	28.5
Q935475		66	2.7	15.1	534	25.9
Q935476		62	8.8	7.2	62	24.4
Q935477		28	4.5	11.8	8100	10.5
Q935478		2	<0.1	0.8	25	<0.5
Q935479		66	5.2	8.0	510	28.3
Q935480		63	1.6	14.1	497	27.8
Q935481		65	1.6	15.3	488	28.4
Q935482		68	1.6	16.7	123	30.4
Q935483		70	3.0	15.9	421	25.9
Q935484		63	29.0	15.8	167	28.7
Q935485		52	6.0	8.8	2990	31.3
Q935486		2	0.1	0.8	18	<0.5
Q935487		68	2.5	14.9	203	31.3
Q935488		61	6.1	11.8	2400	31.0
Q935489		60	4.4	11.0	5690	25.4
Q935490		64	4.2	10.8	461	31.4
Q935491		50	3.1	15.0	133	40.1
Q935492		58	3.5	12.7	245	31.1
Q935493		69	2.2	16.5	70	30.3
Q935494		70	1.4	16.5	64	31.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14128255

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

CERTIFICATE WH14129180

Project: KLAZA

P.O. No.: Batch 180

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

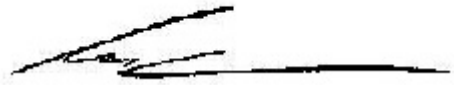
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129180

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933485		9.10	0.101	3.56	7.16	239	620	1.52	0.70	2.30	30.8	50.4	7.1	7	17.10	22.8
Q933486		5.19	0.029	1.53	7.48	245	1700	1.36	0.62	2.46	4.47	40.5	9.4	8	20.4	10.5
Q933487		5.41	<0.005	0.10	7.26	8.5	2740	1.47	0.29	2.66	0.18	47.5	7.2	11	17.10	13.3
Q933488		2.99	<0.005	0.19	7.12	6.0	2450	1.54	0.35	2.64	0.12	41.5	7.5	13	16.75	14.8
Q933489		9.02	0.019	0.56	7.31	29.0	2320	1.57	0.30	2.50	3.34	48.2	7.8	10	17.75	14.8
Q933490		3.31	<0.005	0.23	7.25	19.9	1460	1.39	0.36	2.19	0.34	43.9	7.6	9	22.1	12.6
Q933491		0.30	0.850	12.00	6.45	1535	540	1.36	11.85	1.86	32.6	46.4	17.5	16	13.55	289
Q933492		5.64	0.827	28.5	6.97	2020	750	1.53	4.41	2.06	169.5	50.3	9.1	6	26.3	230
Q933493		5.60	<0.005	0.02	0.07	1.6	20	0.05	0.06	21.6	0.16	1.23	0.7	1	0.26	2.1
Q933494		7.56	0.014	0.74	6.75	41.5	1120	1.66	0.47	1.84	2.36	37.7	7.5	7	30.4	10.8
Q933495		3.91	0.215	4.18	7.09	1730	1090	1.69	0.98	1.74	21.4	54.4	6.7	6	29.2	40.6
Q933496		7.10	<0.005	0.15	6.70	18.6	2420	1.62	0.17	2.55	0.59	50.7	5.5	29	32.1	12.0
Q933497		11.06	<0.005	0.11	6.93	33.1	830	1.68	0.08	2.55	0.13	50.7	5.6	24	29.3	11.9
Q933498		11.13	<0.005	0.09	6.74	23.7	2900	1.78	0.07	2.64	0.16	50.7	5.1	23	35.5	9.7
Q933499		<0.02	<0.005	0.08	6.46	24.9	2720	1.73	0.07	2.63	0.14	46.2	5.1	22	33.8	9.2
Q933500		6.92	<0.005	0.24	6.49	18.5	1140	1.92	0.22	2.89	0.22	45.9	5.0	27	32.7	18.7
Q933501		3.27	0.011	0.76	6.63	33.3	1370	1.58	0.60	2.56	4.53	34.8	6.6	6	19.60	10.3
Q933502		10.72	0.048	1.34	7.21	60.6	990	1.54	1.73	2.58	2.65	47.6	7.9	9	11.85	14.6
Q933503		4.60	0.181	5.57	6.40	84.9	240	1.05	3.74	2.46	20.8	37.4	15.8	15	6.69	34.0
Q933504		5.54	<0.005	0.01	0.06	0.2	20	<0.05	0.04	20.4	0.08	1.12	0.6	1	0.16	1.7
Q933505		5.63	0.006	0.13	7.54	6.9	2120	1.50	0.52	2.71	0.12	54.2	6.9	8	11.30	2.3
Q933506		4.15	0.016	0.26	6.63	17.7	1110	1.54	0.67	2.46	3.23	41.0	6.9	8	17.00	10.6
Q933507		3.38	0.014	0.26	6.60	81.4	1170	1.40	0.34	2.97	0.21	46.2	6.2	6	21.7	4.2
Q933508		3.25	0.011	0.31	6.66	14.6	580	1.50	1.02	2.40	0.91	38.4	9.0	8	13.20	4.0
Q933509		5.91	<0.005	0.13	7.60	6.7	2150	1.47	0.54	2.60	0.17	48.0	7.7	11	12.25	3.4
Q933510		5.40	<0.005	0.19	7.16	10.2	880	1.71	0.50	2.03	0.23	46.6	6.6	7	13.85	4.4
Q933511		0.30	0.388	4.98	6.91	730	540	1.40	3.51	2.14	11.25	50.9	12.6	25	13.95	321
Q933512		4.64	0.059	0.56	6.38	153.5	2510	1.50	0.53	3.09	1.39	41.5	7.7	8	15.65	7.4
Q933513		9.96	<0.005	0.22	7.13	28.8	2130	1.59	0.36	2.86	0.16	40.4	9.0	9	14.95	11.7
Q933514		6.52	0.006	0.37	6.70	34.9	1490	1.57	0.45	2.35	0.55	40.4	7.6	7	23.0	20.3
Q933515		8.41	<0.005	0.09	6.61	8.9	1970	1.38	0.42	3.66	0.08	40.9	9.0	7	9.86	2.1
Q933516		13.63	<0.005	0.07	6.71	8.8	2110	1.42	0.54	3.76	0.10	47.2	8.9	8	10.00	3.0
Q933517		14.34	<0.005	0.11	6.43	5.4	1860	1.34	0.40	3.65	0.20	39.4	10.4	7	9.00	3.1
Q933518		12.12	<0.005	0.26	6.76	9.9	950	1.34	0.42	3.60	0.29	51.7	7.6	8	8.36	23.7
Q933519		10.10	<0.005	0.15	6.55	3.8	2500	1.39	0.27	3.42	0.13	40.1	8.9	8	9.22	4.9
Q933534		6.46	0.021	0.49	7.45	101.0	1050	1.68	0.37	2.26	0.37	47.7	8.8	7	26.8	14.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129180

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933485		3.68	15.55	0.17	1.3	0.374	3.32	27.2	44.7	0.82	2000	2.94	0.05	7.2	2.1	530
Q933486		3.66	17.10	0.19	1.0	0.069	3.42	20.3	56.9	0.68	1350	1.61	0.60	7.3	2.3	590
Q933487		2.99	16.85	0.14	1.1	0.035	2.79	23.2	11.3	0.79	521	1.71	2.33	7.8	2.4	620
Q933488		2.96	16.55	0.15	1.0	0.046	2.84	20.1	11.3	0.78	547	1.54	2.29	7.8	2.4	600
Q933489		3.03	16.90	0.17	1.0	0.061	2.97	24.0	41.8	0.79	665	1.41	1.87	8.0	2.5	620
Q933490		2.95	16.60	0.14	1.1	0.050	2.85	21.2	101.5	0.71	712	1.12	1.04	8.1	2.5	650
Q933491		6.48	15.60	0.16	1.2	0.796	2.92	24.3	19.5	0.76	1800	8.56	0.13	6.3	11.9	530
Q933492		3.62	15.75	0.17	0.9	1.695	2.83	27.5	40.4	0.82	1030	5.86	0.04	6.9	2.5	540
Q933493		0.48	0.24	0.11	<0.1	0.006	0.03	0.6	1.3	13.25	217	0.45	0.01	0.2	1.8	180
Q933494		2.90	16.25	0.16	1.0	0.058	2.90	18.2	153.5	0.68	989	1.30	0.08	7.8	2.4	590
Q933495		4.84	16.35	0.18	1.0	0.232	3.15	29.8	47.4	0.90	1770	0.92	0.10	7.1	3.7	600
Q933496		2.20	19.55	0.17	4.4	0.032	2.72	25.4	46.9	0.94	590	0.88	0.08	9.1	19.3	620
Q933497		2.09	19.65	0.15	3.5	0.032	2.73	25.2	91.8	0.82	560	0.80	0.07	9.3	16.3	750
Q933498		2.11	19.05	0.18	3.3	0.034	2.76	25.4	49.1	0.84	607	0.71	0.07	8.7	14.5	700
Q933499		2.08	18.80	0.14	3.3	0.031	2.75	22.6	48.3	0.82	608	0.70	0.07	8.6	14.8	690
Q933500		2.03	18.55	0.17	4.1	0.027	2.59	22.7	82.1	0.90	757	1.39	0.07	8.6	18.5	630
Q933501		2.91	16.45	0.13	1.1	0.127	2.73	16.6	166.5	0.64	690	1.83	0.07	8.0	2.1	610
Q933502		3.53	16.80	0.16	1.5	0.195	3.52	23.6	36.3	0.74	1000	1.34	0.87	7.5	2.5	580
Q933503		5.92	12.70	0.14	1.9	0.187	3.48	16.4	5.8	0.90	1700	2.55	0.04	5.1	5.6	680
Q933504		0.45	0.19	0.18	<0.1	<0.005	0.03	0.5	1.0	12.70	195	0.10	<0.01	0.2	1.3	190
Q933505		2.71	16.90	0.20	1.3	0.024	2.94	28.2	23.7	0.85	490	0.80	1.44	8.1	2.1	590
Q933506		2.89	15.55	0.15	1.1	0.147	2.73	20.2	188.5	0.76	555	0.61	0.63	6.8	2.1	560
Q933507		2.71	14.75	0.15	1.0	0.039	2.13	25.1	284	1.04	666	1.93	0.06	6.9	1.8	530
Q933508		3.11	16.05	0.15	1.1	0.063	2.94	18.9	38.8	0.61	420	0.67	1.77	7.3	2.2	560
Q933509		2.85	17.00	0.16	1.3	0.039	2.93	24.4	21.5	0.71	460	0.69	2.18	7.7	2.3	600
Q933510		2.83	17.20	0.16	1.2	0.027	2.34	23.3	500	0.64	623	0.66	0.18	7.6	2.4	620
Q933511		5.18	16.30	0.15	1.2	0.323	3.13	28.8	29.1	0.81	1960	15.60	0.16	6.5	15.1	540
Q933512		2.91	15.35	0.14	1.1	0.041	2.96	20.1	37.6	0.80	1300	0.86	0.78	7.0	2.3	540
Q933513		3.09	16.95	0.16	1.1	0.044	2.77	19.7	33.8	0.70	661	0.99	1.84	7.8	2.7	650
Q933514		2.86	16.30	0.16	1.1	0.042	2.75	20.2	151.5	0.70	931	0.70	0.38	7.3	2.8	570
Q933515		3.24	15.55	0.17	1.3	0.035	2.39	20.7	28.3	1.13	1120	0.60	0.90	6.9	2.7	610
Q933516		3.15	14.70	0.19	1.4	0.038	2.59	25.4	33.7	1.07	1170	0.41	0.56	7.1	2.8	600
Q933517		3.21	14.40	0.17	1.2	0.041	2.73	20.4	40.6	0.98	1200	0.31	0.44	7.2	2.5	600
Q933518		3.16	14.65	0.17	1.2	0.051	2.70	28.2	33.7	0.96	1420	0.95	0.63	6.7	2.6	600
Q933519		2.95	15.05	0.15	1.3	0.040	2.50	20.4	29.3	0.72	1020	0.36	1.19	7.0	2.5	590
Q933534		3.03	15.90	0.14	0.9	0.035	2.40	25.6	296	0.85	935	1.40	0.05	7.4	2.7	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129180

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933485		946	194.0	<0.002	2.36	13.80	9.7	1	3.2	145.0	0.64	0.10	13.4	0.224	2.91	5.1
Q933486		332	154.0	<0.002	1.57	10.45	10.4	1	2.7	205	0.59	0.11	10.9	0.251	2.37	3.3
Q933487		18.7	107.0	<0.002	0.39	1.45	10.4	<1	2.0	442	0.62	0.07	11.1	0.251	1.31	3.7
Q933488		16.7	104.5	<0.002	0.31	1.45	10.3	1	2.1	416	0.64	0.05	10.2	0.255	1.22	3.5
Q933489		114.5	119.5	<0.002	0.35	4.35	11.1	1	2.5	344	0.64	<0.05	12.1	0.269	1.44	3.9
Q933490		25.5	101.0	<0.002	0.22	7.17	10.6	1	2.1	268	0.70	0.05	11.2	0.272	1.66	3.6
Q933491		1270	163.5	<0.002	4.61	62.9	9.3	2	8.3	96.9	0.54	1.14	11.9	0.207	2.62	5.4
Q933492		4740	143.5	<0.002	1.92	70.6	9.9	1	3.8	173.0	0.56	0.08	12.2	0.227	2.39	7.0
Q933493		4.5	1.6	<0.002	<0.01	0.11	0.2	<1	<0.2	45.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
Q933494		152.5	106.5	<0.002	0.26	16.80	9.8	1	2.0	175.5	0.66	<0.05	10.6	0.256	2.32	4.1
Q933495		794	169.5	<0.002	0.67	21.9	10.0	1	5.2	171.5	0.58	0.05	12.3	0.233	2.94	4.5
Q933496		27.0	95.6	<0.002	0.10	8.16	5.7	1	1.9	457	0.75	<0.05	10.1	0.256	1.87	4.3
Q933497		15.5	92.1	<0.002	0.08	9.42	5.9	1	1.7	447	0.72	<0.05	9.7	0.272	1.81	4.4
Q933498		18.5	101.5	<0.002	0.10	10.75	5.7	1	1.6	350	0.71	<0.05	9.4	0.254	1.72	4.4
Q933499		16.5	88.3	<0.002	0.10	10.80	5.4	1	1.6	345	0.71	<0.05	8.6	0.257	1.74	4.1
Q933500		15.8	77.8	<0.002	0.06	14.10	5.3	<1	1.7	385	0.71	<0.05	9.1	0.242	1.70	5.8
Q933501		162.5	87.8	<0.002	0.92	12.30	9.5	1	2.7	197.0	0.67	0.09	9.6	0.259	1.87	3.0
Q933502		164.5	152.0	<0.002	1.87	6.25	9.9	1	2.7	243	0.69	0.15	12.4	0.239	2.40	4.5
Q933503		673	179.5	<0.002	5.66	8.41	7.8	1	2.5	54.9	0.38	0.65	7.5	0.223	3.06	3.4
Q933504		2.7	1.5	<0.002	0.01	0.07	0.1	<1	<0.2	46.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933505		16.8	124.0	<0.002	1.24	2.95	10.7	1	1.9	346	0.72	0.15	14.4	0.242	1.60	5.0
Q933506		16.8	107.0	<0.002	1.57	9.58	9.3	1	1.9	271	0.58	0.16	11.3	0.225	1.71	3.6
Q933507		18.1	94.0	<0.002	0.93	22.9	9.4	1	1.8	256	0.57	0.08	12.7	0.220	1.52	4.9
Q933508		32.0	108.0	<0.002	2.06	3.48	9.3	1	1.8	304	0.61	0.27	10.2	0.233	1.59	3.4
Q933509		19.2	112.0	<0.002	1.10	1.96	10.4	1	1.8	369	0.64	0.16	13.1	0.248	1.43	4.0
Q933510		15.2	90.4	<0.002	1.10	21.5	10.1	1	2.2	235	0.67	0.17	12.6	0.256	1.66	5.3
Q933511		485	169.5	0.005	2.79	28.8	9.6	1	6.1	113.0	0.52	0.32	12.0	0.208	2.56	5.4
Q933512		72.9	116.5	<0.002	1.07	11.90	9.0	1	2.7	218	0.58	0.12	10.5	0.224	2.12	4.1
Q933513		18.2	104.5	<0.002	0.33	4.44	10.7	1	1.8	351	0.55	0.10	8.1	0.278	1.32	2.7
Q933514		39.0	110.0	<0.002	0.46	17.50	9.6	1	2.3	193.5	0.56	0.18	9.9	0.235	2.00	3.5
Q933515		7.1	95.8	<0.002	0.33	7.00	10.4	1	1.5	136.0	0.56	<0.05	9.5	0.260	1.60	1.9
Q933516		8.9	121.0	<0.002	0.27	6.08	11.2	1	1.7	144.0	0.57	<0.05	12.1	0.268	1.67	2.7
Q933517		9.7	110.5	<0.002	0.32	4.53	10.3	1	1.7	121.5	0.55	<0.05	9.6	0.265	1.80	2.9
Q933518		11.7	129.5	<0.002	0.18	8.73	10.7	1	1.8	104.0	0.52	<0.05	12.3	0.256	1.71	3.3
Q933519		9.8	112.0	<0.002	0.12	3.93	10.2	<1	1.5	166.5	0.59	<0.05	10.1	0.251	1.64	4.6
Q933534		24.1	107.0	<0.002	0.54	21.6	10.4	1	1.7	249	0.57	0.07	12.0	0.266	2.02	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129180

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q933485		59	5.1	13.4	2020	30.4	
Q933486		70	4.0	13.8	316	24.1	
Q933487		72	1.6	16.3	44	26.7	
Q933488		71	1.4	16.1	43	25.1	
Q933489		72	2.7	17.3	241	25.1	
Q933490		72	7.7	16.1	53	27.1	
Q933491		61	6.3	11.5	2370	31.5	
Q933492		63	6.2	14.7	>10000	22.5	1.020
Q933493		3	0.2	0.8	22	<0.5	
Q933494		69	5.3	14.3	174	24.0	
Q933495		64	10.6	14.6	1370	24.4	
Q933496		48	2.7	12.0	74	163.0	
Q933497		50	2.9	11.6	60	125.5	
Q933498		48	2.0	11.4	63	118.5	
Q933499		48	2.0	10.6	62	117.0	
Q933500		49	1.7	10.5	58	154.0	
Q933501		67	2.9	12.0	395	27.2	
Q933502		67	3.6	13.5	268	37.0	
Q933503		67	4.8	10.7	1280	63.9	
Q933504		2	0.1	0.8	17	<0.5	
Q933505		67	1.5	15.7	36	33.9	
Q933506		63	2.2	13.5	274	28.8	
Q933507		60	3.1	15.3	49	24.8	
Q933508		65	1.4	12.0	100	29.1	
Q933509		70	1.0	15.6	49	34.8	
Q933510		70	3.0	13.6	59	30.7	
Q933511		67	5.9	12.5	901	33.1	
Q933512		62	2.0	12.2	140	30.4	
Q933513		76	1.9	15.3	53	27.8	
Q933514		69	2.5	13.9	81	30.1	
Q933515		74	1.7	9.0	56	32.8	
Q933516		72	1.9	9.9	53	35.4	
Q933517		71	2.6	9.1	64	30.4	
Q933518		69	2.8	10.8	75	32.4	
Q933519		75	2.3	8.6	63	34.7	
Q933534		73	4.4	15.6	64	23.3	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129180

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au-AA24	ME-MS61	ME-OG62	Zn-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

CERTIFICATE WH14129181

Project: KLAZA

P.O. No.: Batch 189

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

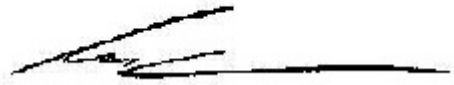
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129181

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935114		3.72	<0.005	0.04	7.22	6.2	1400	1.63	0.14	2.17	0.07	42.5	6.2	10	19.55	5.8
Q935115		5.19	<0.005	0.06	7.54	8.8	2130	1.46	0.17	1.99	0.08	40.8	6.8	10	18.70	8.0
Q935116		7.45	<0.005	0.09	7.05	5.6	2180	1.33	0.12	2.32	0.07	37.7	7.3	11	16.50	9.3
Q935117		8.04	<0.005	0.06	7.34	5.5	2290	1.53	0.09	2.14	0.07	71.3	7.5	10	19.65	10.8
Q935118		2.58	<0.005	0.10	5.66	7.4	2000	1.57	0.13	4.52	0.05	30.8	7.3	6	14.35	2.9
Q935119		<0.02	<0.005	0.07	5.73	6.7	1960	1.53	0.12	4.60	0.04	31.2	7.2	5	13.65	2.6
Q935120		8.10	<0.005	0.15	7.01	3.3	2160	1.57	0.07	2.65	0.06	38.1	7.1	9	13.85	8.1
Q935121		2.70	<0.005	0.19	6.89	2.7	2340	1.60	0.14	2.45	0.10	42.2	7.2	11	14.15	6.6
Q935122		1.09	0.009	1.05	6.84	75.1	1540	1.98	0.10	1.97	0.28	39.1	9.4	8	29.2	8.1
Q935123		5.62	0.005	0.54	6.60	32.9	860	1.74	0.20	2.52	0.13	43.7	8.0	9	28.7	19.4
Q935124		3.74	<0.005	0.23	6.48	34.6	760	1.86	0.24	2.58	0.24	43.5	7.9	8	29.2	14.9
Q935125		0.16	0.847	12.25	6.46	1575	490	1.49	12.45	1.92	34.2	47.8	18.6	18	14.45	298
Q935126		2.59	4.31	15.70	5.56	478	280	1.16	2.73	2.85	143.5	38.3	5.7	7	12.20	252
Q935127		3.97	0.015	0.53	6.88	54.5	1290	1.68	0.27	2.07	1.05	39.7	7.7	8	21.5	6.4
Q935128		6.41	<0.005	0.37	6.69	39.1	1600	1.78	0.22	2.49	0.39	38.0	9.2	10	26.1	8.5
Q935129		3.71	<0.005	0.34	6.74	28.9	1500	1.76	0.23	2.32	0.31	39.8	8.5	11	26.1	11.5
Q935130		3.34	0.028	1.90	5.57	86.6	3070	1.26	0.26	2.15	12.55	42.3	7.2	9	17.45	8.3
Q935131		7.30	<0.005	0.26	6.65	20.8	1690	1.47	0.12	2.06	0.46	41.0	6.9	8	22.2	5.9
Q935132		1.61	0.028	4.60	5.65	377	2660	1.53	0.10	5.21	16.30	49.0	6.9	6	21.3	16.0
Q935133		4.20	0.005	0.68	7.23	39.0	1610	1.39	0.22	1.32	0.40	49.2	7.2	8	23.7	9.5
Q935134		2.21	0.350	8.15	4.21	691	1010	1.21	0.23	5.15	26.4	32.9	8.8	6	14.85	15.2
Q935135		5.52	<0.005	0.02	0.06	0.7	30	0.05	0.02	20.7	0.10	1.12	0.8	1	0.17	1.7
Q935136		6.09	0.007	0.26	6.51	34.3	1190	1.74	0.15	3.05	0.15	45.7	10.0	8	16.00	9.9
Q935137		8.55	<0.005	0.50	6.19	38.9	1120	1.44	0.17	3.05	0.41	41.2	7.0	7	22.9	6.4
Q935138		0.92	0.027	1.25	6.29	132.0	1930	1.72	0.31	3.24	3.74	45.5	8.3	9	20.6	9.1
Q935139		1.58	<0.005	0.25	6.83	48.2	1060	1.74	0.18	2.58	0.50	50.3	6.4	29	30.1	14.0
Q935140		0.53	0.159	13.95	5.61	338	700	1.53	1.96	2.24	23.1	36.1	11.3	11	20.4	70.8
Q935141		1.09	0.005	0.50	6.73	35.1	1480	1.78	0.21	2.55	0.82	55.1	5.5	28	20.5	15.1
Q935142		0.11	0.360	4.51	6.74	718	500	1.42	3.12	2.12	11.25	52.4	12.9	25	14.25	330
Q935143		1.40	0.516	8.89	5.76	768	1140	1.70	3.42	2.52	24.8	45.8	8.5	15	15.65	78.9
Q935144		10.28	<0.005	0.26	6.57	76.0	1700	1.32	0.16	2.29	0.19	36.7	5.9	9	19.30	5.7
Q935145		10.18	<0.005	0.47	6.28	59.9	1840	1.48	0.66	3.16	0.25	38.0	8.8	9	16.55	6.7
Q935146		10.46	<0.005	0.09	6.64	4.5	2160	1.59	0.18	2.80	0.15	36.8	8.4	11	11.80	4.9
Q935147		8.89	<0.005	0.11	6.50	10.4	1970	1.60	0.22	3.16	0.21	37.5	7.6	10	14.50	3.2
Q935148		5.41	<0.005	0.02	0.05	<0.2	20	<0.05	0.02	20.4	0.06	1.11	0.8	1	0.19	1.7
Q935149		5.82	<0.005	0.07	6.41	5.3	2080	1.49	0.11	2.70	0.11	37.4	6.2	10	13.55	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129181

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935114		2.59	16.20	0.09	0.9	0.044	2.70	23.8	23.4	0.34	907	0.70	0.65	7.8	2.7	560
Q935115		2.74	16.65	0.09	1.0	0.042	2.84	22.2	43.5	0.42	709	0.92	0.79	8.1	2.6	570
Q935116		2.63	16.00	0.10	0.9	0.038	2.73	20.9	21.2	0.56	643	1.16	1.76	7.6	2.7	540
Q935117		2.77	16.05	0.13	0.9	0.038	2.71	43.6	21.0	0.61	577	0.93	1.73	7.6	2.7	580
Q935118		2.55	15.40	0.11	0.7	0.038	2.10	15.9	42.5	0.60	1260	0.47	0.05	5.4	2.5	440
Q935119		2.51	14.55	0.13	0.6	0.034	2.11	16.2	40.3	0.60	1260	0.44	0.04	5.2	2.4	410
Q935120		2.86	16.10	0.16	0.9	0.042	2.82	18.1	13.9	0.69	825	0.98	1.90	7.7	2.7	590
Q935121		2.81	16.05	0.17	1.0	0.035	2.77	20.0	13.0	0.74	746	1.00	2.21	7.7	2.7	570
Q935122		2.60	16.05	0.16	1.1	0.043	3.78	18.7	45.1	0.61	2410	10.50	0.33	7.3	9.7	540
Q935123		2.97	15.90	0.19	1.1	0.052	2.78	21.3	59.4	0.84	1060	0.68	0.06	7.7	3.2	590
Q935124		2.84	15.55	0.16	1.1	0.050	2.45	20.9	106.5	0.89	1050	0.65	0.04	8.1	2.6	600
Q935125		6.62	16.05	0.13	1.2	0.792	2.92	24.5	21.3	0.78	1790	9.59	0.13	6.6	12.6	530
Q935126		4.29	12.45	0.14	0.9	9.19	2.69	19.5	21.6	0.90	4590	1.16	0.02	6.2	2.6	480
Q935127		3.00	15.15	0.13	1.0	0.084	3.61	19.6	23.3	0.71	1820	1.76	0.47	7.0	2.2	570
Q935128		2.85	16.30	0.19	1.1	0.070	3.58	17.5	20.4	0.80	1480	5.66	1.06	7.9	2.8	610
Q935129		2.94	16.45	0.14	1.1	0.086	3.49	18.5	19.6	0.78	1320	1.15	1.11	7.8	2.8	610
Q935130		2.70	11.75	0.13	0.9	0.057	2.24	23.7	82.9	0.71	2500	1.52	0.04	5.2	2.3	400
Q935131		2.76	14.55	0.13	1.1	0.034	2.56	20.1	172.0	0.70	1260	0.68	0.07	7.1	2.4	580
Q935132		3.35	12.80	0.15	0.9	0.052	2.71	27.9	33.9	1.86	4370	2.19	0.05	5.7	2.4	450
Q935133		2.91	16.80	0.16	1.2	0.042	2.85	24.5	71.4	0.53	1620	0.81	0.06	8.0	2.7	620
Q935134		3.77	10.25	0.15	0.7	0.106	1.93	17.6	36.7	1.79	5620	1.35	0.02	4.5	2.4	310
Q935135		0.51	0.23	0.14	<0.1	<0.005	0.02	0.5	1.2	13.20	222	0.07	<0.01	0.2	1.9	180
Q935136		3.15	16.25	0.15	1.5	0.055	2.96	23.0	31.7	0.83	1280	1.41	0.04	7.6	2.5	570
Q935137		2.71	14.05	0.15	1.1	0.033	2.67	21.0	39.8	0.91	1740	0.88	0.03	6.1	2.3	510
Q935138		3.33	14.10	0.15	1.3	0.060	2.69	24.5	33.1	1.20	3670	19.25	0.04	6.2	8.0	500
Q935139		2.23	17.80	0.14	4.0	0.030	2.47	25.4	63.4	0.95	1270	1.52	0.04	8.4	21.1	600
Q935140		3.37	13.30	0.13	1.5	0.253	2.11	19.4	60.7	0.90	2810	3.82	0.03	5.8	10.9	450
Q935141		2.64	18.25	0.18	4.2	0.036	1.75	29.1	108.5	0.93	1960	1.38	0.02	9.4	16.3	500
Q935142		5.15	16.20	0.16	1.2	0.310	3.06	29.5	28.2	0.81	1930	14.80	0.15	6.5	15.1	520
Q935143		3.40	15.10	0.14	2.0	0.358	2.02	24.7	141.0	0.95	3130	7.45	0.03	6.7	10.2	450
Q935144		2.53	14.35	0.14	1.0	0.033	2.98	17.0	29.9	0.62	1040	1.20	0.56	6.9	2.3	590
Q935145		2.68	16.05	0.19	1.1	0.040	3.12	17.7	25.1	0.80	1160	1.25	0.94	7.3	2.6	550
Q935146		2.97	16.35	0.16	1.2	0.047	2.81	17.1	27.6	0.79	677	1.49	1.77	7.9	2.7	610
Q935147		2.91	16.00	0.15	1.2	0.042	3.32	17.0	19.0	0.76	1060	0.87	1.16	7.7	2.6	600
Q935148		0.48	0.23	0.19	<0.1	0.006	0.02	0.5	1.2	13.00	205	0.91	0.01	0.1	1.9	150
Q935149		2.77	15.35	0.18	1.2	0.034	2.76	17.4	20.9	0.77	682	1.00	1.81	7.5	2.5	570

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129181

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935114		10.9	122.5	<0.002	0.04	8.63	10.0	1	1.6	127.0	0.62	<0.05	13.7	0.243	1.41	2.3
Q935115		20.0	116.5	<0.002	0.05	7.55	10.5	1	1.7	191.5	0.70	<0.05	13.9	0.248	1.25	2.9
Q935116		17.9	111.5	<0.002	0.02	8.37	10.2	1	1.6	310	0.61	<0.05	11.5	0.237	1.07	2.9
Q935117		16.6	113.0	<0.002	0.02	3.47	10.8	1	1.6	318	0.59	<0.05	19.3	0.243	1.02	2.5
Q935118		6.8	94.7	<0.002	0.07	40.4	7.7	1	1.2	125.0	0.42	<0.05	8.4	0.183	1.15	1.9
Q935119		6.5	93.1	<0.002	0.07	38.2	7.5	<1	1.2	121.0	0.39	<0.05	8.2	0.176	1.08	1.9
Q935120		17.7	105.5	<0.002	0.01	3.27	10.1	1	1.6	337	0.58	<0.05	11.1	0.254	1.15	1.8
Q935121		20.0	103.5	<0.002	0.01	1.39	10.1	1	1.6	376	0.60	<0.05	11.2	0.249	1.12	2.3
Q935122		41.4	175.5	<0.002	0.25	9.63	9.3	1	1.6	193.0	0.60	<0.05	11.7	0.223	2.88	9.7
Q935123		19.4	111.0	<0.002	0.58	15.35	11.3	1	1.8	196.0	0.62	<0.05	10.9	0.261	2.63	8.0
Q935124		17.7	83.5	<0.002	0.19	15.85	10.8	1	1.8	232	0.62	<0.05	11.0	0.260	2.21	3.8
Q935125		1320	165.5	<0.002	4.74	66.1	9.8	2	8.2	97.6	0.55	1.27	11.5	0.209	2.84	5.5
Q935126		813	184.5	<0.002	3.19	52.3	9.2	1	2.8	96.7	0.48	0.07	9.4	0.199	2.55	4.1
Q935127		40.1	147.5	<0.002	0.74	9.67	9.4	1	1.5	177.0	0.58	<0.05	10.2	0.249	2.83	4.0
Q935128		23.4	149.0	<0.002	0.23	7.33	10.6	1	1.6	231	0.62	<0.05	9.8	0.267	2.88	3.3
Q935129		19.3	151.5	<0.002	0.19	7.05	10.8	1	1.5	235	0.60	<0.05	10.0	0.271	2.70	2.9
Q935130		160.5	123.0	<0.002	0.70	37.6	8.3	<1	1.1	98.0	0.46	<0.05	11.1	0.179	2.00	5.3
Q935131		39.0	89.2	<0.002	0.17	16.75	9.6	1	1.4	163.0	0.61	<0.05	11.7	0.252	1.59	3.4
Q935132		305	159.0	<0.002	0.41	27.2	9.4	1	1.4	150.5	0.44	<0.05	11.0	0.196	2.94	4.7
Q935133		41.1	129.0	<0.002	0.24	23.2	11.7	1	1.6	103.0	0.67	<0.05	13.0	0.277	2.04	3.4
Q935134		685	132.5	<0.002	1.22	54.4	7.2	1	1.3	98.9	0.38	<0.05	7.8	0.146	2.13	5.2
Q935135		2.2	1.2	<0.002	<0.01	0.12	0.2	<1	<0.2	46.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935136		10.1	145.0	<0.002	0.18	13.70	10.8	1	1.7	68.5	0.66	<0.05	11.8	0.249	2.50	5.8
Q935137		31.3	143.0	<0.002	0.17	25.2	9.5	<1	1.3	71.9	0.51	<0.05	9.8	0.227	2.14	2.7
Q935138		107.0	133.0	<0.002	0.39	16.80	8.7	<1	1.5	200	0.49	<0.05	11.2	0.221	2.49	9.0
Q935139		24.9	75.0	<0.002	0.22	16.00	5.7	1	1.6	401	0.68	<0.05	10.0	0.257	1.96	8.8
Q935140		2240	108.5	<0.002	0.82	68.3	7.0	<1	1.9	172.5	0.44	<0.05	8.4	0.192	1.93	20.6
Q935141		72.3	67.7	<0.002	0.18	53.6	6.4	1	1.6	496	0.70	<0.05	11.0	0.247	1.42	24.8
Q935142		505	165.5	0.004	2.78	28.9	9.9	1	5.8	111.0	0.53	0.46	11.4	0.213	2.58	5.3
Q935143		908	109.0	<0.002	1.06	44.1	7.3	<1	2.6	212	0.54	<0.05	10.6	0.198	2.14	8.5
Q935144		22.0	100.0	<0.002	0.17	9.35	9.0	<1	1.2	170.0	0.57	<0.05	9.9	0.257	2.11	4.1
Q935145		24.6	125.0	<0.002	0.16	7.96	9.6	1	1.3	195.0	0.59	<0.05	10.0	0.242	2.42	4.4
Q935146		26.2	92.2	<0.002	0.04	4.47	9.9	<1	1.3	336	0.64	<0.05	9.5	0.270	1.30	2.7
Q935147		30.1	121.0	<0.002	0.10	5.66	9.9	1	1.3	240	0.65	<0.05	10.1	0.269	2.22	3.7
Q935148		1.5	1.2	<0.002	<0.01	0.06	0.2	<1	<0.2	47.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935149		17.6	102.5	<0.002	0.04	3.17	9.6	1	1.3	305	0.66	<0.05	9.7	0.257	1.60	3.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129181

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
Q935114		68	2.0	12.1	58	21.9	
Q935115		67	3.2	15.5	59	24.7	
Q935116		66	3.3	14.8	54	22.8	
Q935117		67	1.2	16.1	50	23.0	
Q935118		75	2.2	12.0	38	16.9	
Q935119		73	2.1	11.4	38	16.6	
Q935120		67	1.2	13.6	51	21.6	
Q935121		66	0.8	15.0	55	22.0	
Q935122		61	4.2	12.1	60	28.7	
Q935123		74	5.1	16.1	56	26.5	
Q935124		73	6.8	15.5	66	28.5	
Q935125		62	6.4	12.0	2380	29.5	
Q935126		55	5.8	12.9	>10000	22.0	1.330
Q935127		70	3.3	11.9	131	25.2	
Q935128		71	3.0	12.8	74	28.5	
Q935129		72	2.7	13.2	72	27.7	
Q935130		55	5.1	10.9	582	20.9	
Q935131		66	3.7	13.7	91	26.6	
Q935132		57	5.0	14.9	1020	21.9	
Q935133		77	4.9	15.4	72	29.5	
Q935134		47	4.0	13.6	1760	18.0	
Q935135		2	0.1	0.8	19	<0.5	
Q935136		72	2.7	15.6	73	36.3	
Q935137		66	3.2	14.0	81	28.8	
Q935138		61	3.7	12.1	328	37.7	
Q935139		50	4.6	12.4	79	149.0	
Q935140		54	3.3	11.2	1820	49.9	
Q935141		55	5.7	16.3	89	161.5	
Q935142		66	6.1	12.2	891	31.4	
Q935143		49	7.7	11.1	1660	69.3	
Q935144		71	4.4	11.2	53	26.6	
Q935145		71	2.5	13.2	58	28.4	
Q935146		76	1.9	13.7	59	29.5	
Q935147		72	2.4	13.3	60	30.7	
Q935148		2	0.1	0.8	16	<0.5	
Q935149		70	1.7	13.6	48	29.5	

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129181

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	ME-OG62	PUL-31
PUL-31d	PUL-QC	Zn-OG62	

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

CERTIFICATE WH14129182

Project: KLAZA

P.O. No.: Batch 193

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129182

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935495		1.02	0.047	0.80	6.45	63.5	3490	1.36	1.26	3.16	1.83	42.3	12.5	7	18.35	20.7
Q935496		3.97	<0.005	0.12	6.97	10.0	2410	1.51	0.31	2.58	0.18	43.2	6.9	10	8.58	11.8
Q935497		1.99	0.005	0.13	6.91	11.1	2400	1.49	0.29	2.61	0.19	43.9	6.8	11	8.87	11.6
Q935498		5.24	0.013	0.59	7.05	34.1	2390	1.45	0.77	2.11	1.69	47.4	8.6	8	18.05	30.1
Q935499		3.86	0.009	0.31	7.84	24.7	3000	1.21	0.50	1.17	0.75	59.6	6.4	7	15.80	25.3
Q935500		2.00	0.012	0.68	6.18	25.6	1400	1.64	1.72	4.93	1.85	40.8	7.0	5	15.70	21.5
Q935501		0.10	0.855	11.20	6.47	1550	1110	1.35	11.90	1.86	32.4	47.8	17.1	16	13.45	280
Q935502		1.18	0.060	1.77	4.69	80.2	420	1.70	2.26	1.70	9.22	51.3	8.0	6	16.90	36.7
Q935503		6.22	0.036	0.88	7.69	54.6	2140	1.74	1.95	2.42	0.71	55.0	10.1	8	18.50	87.0
Q935504		7.01	0.019	0.66	7.36	33.8	3500	1.71	2.15	2.12	0.72	41.7	4.0	7	10.80	46.1
Q935505		1.37	0.005	0.26	7.19	14.6	2440	1.41	0.80	2.82	0.40	21.1	7.6	7	10.05	10.8
Q935506		5.77	0.005	0.24	7.83	10.9	2600	1.53	0.64	2.84	0.15	48.5	8.4	10	12.60	14.5
Q935507		<0.02	0.005	0.32	7.67	11.1	2530	1.56	0.62	2.78	0.14	46.7	8.5	10	11.20	11.9
Q935508		1.85	<0.005	0.37	7.08	11.3	2030	1.29	0.53	4.56	0.74	58.0	6.2	6	10.75	10.1
Q935509		0.73	0.113	8.88	6.75	85.0	870	1.28	3.55	1.12	112.0	49.3	6.3	4	13.40	109.5
Q935510		5.42	<0.005	0.02	0.06	<0.2	20	<0.05	0.08	20.4	0.09	1.27	0.8	1	0.17	1.8
Q935511		3.89	0.005	0.36	7.94	21.8	1550	1.41	0.35	1.52	0.86	59.0	6.5	7	19.50	10.5
Q935512		0.68	0.211	2.15	5.86	237	1050	1.45	0.61	1.39	21.7	41.2	6.1	5	22.3	26.4
Q935513		1.89	0.580	5.83	6.49	397	180	1.43	4.59	3.10	51.5	47.6	7.1	5	20.7	79.1
Q935514		3.78	0.281	3.40	7.56	137.0	1480	1.56	1.15	2.67	30.9	57.1	6.8	7	21.0	65.4
Q935515		0.69	0.643	5.22	6.43	9170	250	1.40	4.26	1.39	33.1	61.2	7.2	7	12.90	108.0
Q935516		5.42	<0.005	0.02	0.07	2.7	40	0.06	0.02	20.2	0.08	1.15	0.7	1	0.44	1.6
Q935517		3.54	0.025	1.45	7.13	59.2	1060	1.50	0.82	2.22	10.55	48.6	5.9	7	15.50	30.9
Q935518		1.12	0.729	22.8	6.17	3460	480	1.27	19.25	0.63	71.0	42.2	12.1	7	7.01	940
Q935519		7.03	0.005	0.42	7.23	27.7	2160	1.53	0.47	2.87	1.07	45.5	7.0	8	21.8	13.4
Q935520		6.94	<0.005	0.25	6.82	15.8	2650	1.68	0.30	3.21	0.24	40.1	6.5	7	26.5	11.0
Q935521		6.63	<0.005	0.37	7.60	12.4	2190	1.59	0.31	2.79	0.26	44.2	8.0	10	12.75	24.3
Q935522		6.95	<0.005	0.22	7.67	17.3	2430	1.63	0.26	2.37	0.15	57.3	9.5	10	9.27	14.1
Q935523		5.48	<0.005	0.16	7.54	7.9	2360	1.61	0.17	2.69	0.16	46.6	7.2	10	11.15	15.3
Q935524		2.86	<0.005	0.32	7.41	12.3	2040	1.67	0.55	2.60	1.78	48.4	7.0	9	16.45	22.7
Q935525		0.15	0.340	4.40	6.83	728	360	1.44	3.56	2.09	10.30	51.6	12.1	24	13.35	312
Q935526		1.57	0.098	2.26	6.24	209	430	1.41	2.73	1.36	7.57	56.6	12.4	8	15.60	26.3
Q935527		2.62	0.260	1.77	6.93	203	920	1.59	2.12	1.94	9.20	58.6	6.6	6	22.9	42.9
Q935528		4.73	<0.005	0.32	7.22	28.4	1930	1.96	0.22	3.05	1.36	62.5	4.4	12	28.4	4.9
Q935529		2.51	<0.005	0.19	6.92	30.2	1110	1.71	0.13	3.44	0.52	66.4	4.5	11	25.0	4.3
Q935530		0.77	0.008	0.44	6.38	80.4	2290	1.29	0.19	4.46	1.03	56.8	5.7	10	26.7	8.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129182

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935495		3.28	15.85	0.15	1.0	0.164	3.02	21.0	15.3	0.80	1270	1.76	0.65	6.8	2.3	510
Q935496		2.96	15.85	0.19	1.0	0.056	2.69	21.2	10.5	0.76	546	2.69	2.22	7.8	2.5	600
Q935497		2.93	16.45	0.17	1.1	0.056	2.69	21.2	11.3	0.78	542	2.39	2.24	8.2	2.6	600
Q935498		3.10	17.40	0.15	1.1	0.173	2.93	23.8	21.8	0.61	1000	2.82	0.67	8.3	2.7	620
Q935499		3.18	17.20	0.07	1.1	0.134	3.02	32.0	26.4	0.47	1170	1.83	0.10	8.6	2.6	610
Q935500		3.07	14.45	0.07	0.9	0.323	2.72	20.9	14.2	0.70	1730	5.14	0.04	6.0	2.4	480
Q935501		6.36	15.25	0.05	1.1	0.760	2.77	24.6	20.0	0.78	1860	9.21	0.12	6.4	11.8	530
Q935502		3.73	11.35	0.05	0.8	0.573	1.98	27.2	34.3	0.38	1020	1.90	0.03	5.0	3.2	340
Q935503		4.16	17.35	0.11	1.1	0.264	3.07	28.1	12.3	0.79	1090	1.59	0.88	8.0	2.6	600
Q935504		2.76	15.40	0.07	1.0	0.301	3.29	21.8	9.8	0.71	1280	1.70	0.04	6.7	1.8	570
Q935505		2.65	17.55	0.06	1.0	0.239	2.47	10.4	10.3	0.70	890	1.04	0.68	6.4	1.5	630
Q935506		3.35	16.60	0.19	1.0	0.125	2.88	24.4	11.8	0.78	754	1.91	2.11	7.9	3.4	650
Q935507		3.31	16.15	0.19	1.0	0.119	2.76	23.7	11.5	0.77	735	1.68	2.05	7.8	3.0	640
Q935508		3.36	13.80	0.20	0.9	0.099	2.10	32.4	44.0	0.89	1200	1.94	0.10	6.9	2.2	580
Q935509		6.51	13.60	0.16	0.8	1.790	3.04	27.9	6.9	0.79	2040	1.13	0.04	6.4	2.6	500
Q935510		0.49	0.21	0.09	<0.1	<0.005	0.02	0.6	1.2	13.50	235	0.07	<0.01	0.2	1.6	200
Q935511		3.17	17.70	0.10	1.2	0.081	2.46	31.0	53.2	0.66	1070	1.23	0.05	8.8	2.3	660
Q935512		3.29	13.55	0.08	0.8	0.233	2.38	22.1	36.2	0.60	1440	3.12	0.03	6.1	2.7	430
Q935513		5.11	14.95	<0.05	0.9	0.556	2.71	24.2	12.6	1.20	3050	2.06	0.03	6.6	2.5	490
Q935514		3.59	17.00	0.07	1.0	0.608	2.80	31.0	25.4	1.02	2110	1.69	0.04	7.8	2.4	620
Q935515		6.37	16.85	0.08	0.9	0.914	2.98	33.3	13.8	0.51	1600	1.64	0.03	7.8	3.1	530
Q935516		0.47	0.25	0.05	<0.1	0.005	0.03	0.6	1.3	13.30	222	0.11	0.01	0.2	1.5	190
Q935517		3.69	16.40	0.07	1.0	0.431	2.65	24.2	32.6	0.80	1800	1.09	0.05	7.5	2.2	560
Q935518		8.28	15.30	0.05	0.9	1.355	2.99	22.1	6.7	0.53	981	1.29	0.03	5.9	2.4	460
Q935519		3.15	17.05	0.07	1.1	0.125	2.85	22.2	35.1	0.77	845	1.56	0.62	8.4	2.7	610
Q935520		2.90	16.80	0.08	1.2	0.091	2.73	18.8	30.6	0.67	788	1.84	1.40	8.3	2.4	570
Q935521		2.99	16.45	0.06	1.2	0.067	2.76	21.5	14.8	0.74	731	1.48	1.98	7.8	2.7	590
Q935522		3.09	17.65	0.09	1.3	0.069	2.68	28.9	17.3	0.91	710	1.90	2.31	8.8	2.7	630
Q935523		3.04	16.45	0.09	1.2	0.065	2.81	22.2	11.8	0.85	722	2.04	2.29	8.0	2.6	600
Q935524		2.90	17.50	0.07	1.3	0.115	2.99	23.3	20.3	0.65	836	2.56	1.61	8.8	2.3	620
Q935525		5.16	15.55	0.06	1.1	0.302	2.95	28.2	26.4	0.81	2020	15.75	0.15	6.2	14.4	540
Q935526		7.47	15.10	0.06	1.1	0.396	2.87	30.1	9.8	0.91	2790	1.79	0.05	6.8	3.0	470
Q935527		4.49	16.15	<0.05	1.1	0.360	2.92	32.4	17.6	0.94	1880	1.84	0.04	7.3	2.5	530
Q935528		2.43	17.15	0.08	2.5	0.035	2.86	31.8	25.9	1.07	828	1.29	0.07	11.2	2.5	910
Q935529		2.37	17.45	0.07	2.5	0.030	2.77	34.1	21.5	1.02	954	1.66	0.06	11.3	2.8	850
Q935530		2.32	15.45	0.09	1.9	0.035	2.42	29.7	28.3	1.62	1340	1.66	0.06	9.1	4.8	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129182

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935495		130.5	122.0	<0.002	0.99	5.82	8.9	1	2.4	191.0	0.55	0.19	10.6	0.222	2.25	4.7
Q935496		22.7	92.5	<0.002	0.11	2.10	10.0	1	2.0	373	0.64	0.05	11.5	0.255	1.08	3.5
Q935497		26.1	92.2	<0.002	0.10	1.92	10.4	1	2.1	380	0.66	0.06	11.2	0.267	1.11	3.5
Q935498		70.5	109.5	0.002	0.47	13.70	10.8	1	2.8	165.0	0.66	0.12	10.7	0.269	1.93	4.5
Q935499		30.4	130.5	0.002	0.29	19.15	10.7	1	2.6	97.0	0.73	0.06	15.7	0.263	1.74	4.7
Q935500		83.7	115.5	0.002	0.72	15.05	8.1	1	2.2	140.0	0.47	0.10	11.8	0.186	2.78	5.6
Q935501		1290	168.0	0.002	4.59	61.8	9.2	2	7.8	95.0	0.53	0.96	11.6	0.206	2.45	5.5
Q935502		203	112.5	<0.002	2.45	35.3	6.8	1	2.9	59.8	0.42	0.24	9.5	0.157	2.70	14.9
Q935503		54.1	146.0	<0.002	1.19	7.06	11.2	1	4.4	207	0.64	0.23	14.4	0.258	2.03	5.9
Q935504		66.3	167.0	<0.002	0.45	34.3	9.8	1	2.7	81.0	0.55	0.13	15.2	0.214	2.53	8.0
Q935505		23.1	97.3	<0.002	0.32	7.94	14.3	1	2.7	196.0	0.52	0.08	11.5	0.217	1.77	7.3
Q935506		19.3	107.0	<0.002	0.39	2.92	10.9	1	2.1	365	0.57	0.11	12.3	0.264	1.33	4.1
Q935507		17.7	108.5	<0.002	0.36	2.75	10.8	1	2.1	359	0.58	0.07	11.9	0.260	1.32	4.0
Q935508		51.7	93.3	<0.002	0.27	9.08	10.2	1	2.0	253	0.51	0.15	10.7	0.241	1.21	4.4
Q935509		2610	203	<0.002	3.91	12.05	9.1	2	5.0	32.5	0.48	0.83	10.2	0.214	2.86	5.7
Q935510		2.6	1.2	<0.002	0.01	0.06	0.2	1	<0.2	52.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935511		117.0	121.5	<0.002	0.42	18.10	12.0	1	2.4	107.0	0.71	0.06	14.9	0.277	1.73	5.5
Q935512		764	144.0	<0.002	1.56	35.1	8.3	1	3.2	47.3	0.49	0.17	11.5	0.192	2.17	4.9
Q935513		434	152.0	<0.002	2.55	14.55	9.1	1	3.7	104.0	0.54	0.12	11.3	0.210	2.45	6.5
Q935514		793	152.5	<0.002	1.21	16.40	10.8	1	3.7	113.5	0.60	0.05	13.9	0.254	2.45	6.0
Q935515		976	220	<0.002	5.20	46.8	11.2	1	7.7	33.3	0.65	0.10	13.4	0.243	3.01	4.4
Q935516		2.0	2.4	<0.002	0.01	0.07	0.2	1	<0.2	48.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q935517		396	125.0	<0.002	0.50	12.75	10.0	1	2.8	99.1	0.60	0.23	11.9	0.247	2.16	5.6
Q935518		1065	201	<0.002	7.56	51.9	8.8	2	8.8	19.2	0.47	0.95	10.6	0.193	2.46	4.1
Q935519		41.9	109.5	<0.002	0.39	7.56	10.5	1	2.2	176.5	0.68	0.10	12.2	0.265	1.54	3.8
Q935520		28.0	103.0	<0.002	0.17	4.58	9.8	1	2.0	313	0.69	0.06	11.8	0.249	1.36	4.2
Q935521		25.9	101.0	<0.002	0.20	5.36	9.8	1	1.8	339	0.67	0.06	12.4	0.255	1.07	4.1
Q935522		23.1	113.5	<0.002	0.17	3.00	11.3	1	2.2	341	0.72	<0.05	14.9	0.266	1.15	4.6
Q935523		22.3	101.0	<0.002	0.08	1.89	10.3	1	2.2	361	0.65	<0.05	13.0	0.259	1.08	4.6
Q935524		37.0	123.0	0.002	0.38	4.80	10.9	1	2.6	258	0.72	0.14	13.3	0.256	1.55	6.2
Q935525		487	159.5	0.004	2.71	27.6	9.4	1	5.6	108.5	0.50	0.29	12.0	0.215	2.45	5.4
Q935526		187.0	181.0	0.002	3.70	8.95	9.0	1	6.8	45.8	0.59	0.42	12.5	0.200	2.79	6.8
Q935527		168.0	179.0	<0.002	1.76	10.10	9.6	1	4.3	76.8	0.62	0.21	14.4	0.226	2.55	5.7
Q935528		47.6	84.0	<0.002	0.08	7.19	5.6	1	1.5	206	0.77	<0.05	9.8	0.253	1.69	5.0
Q935529		39.7	90.5	<0.002	0.07	9.41	5.7	1	1.4	161.5	0.76	<0.05	10.2	0.247	1.87	9.6
Q935530		35.9	82.0	<0.002	0.23	24.3	5.4	1	2.0	165.5	0.64	<0.05	9.6	0.223	1.60	12.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129182

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935495		59	1.9	13.0	187	25.4
Q935496		68	1.2	15.3	46	26.4
Q935497		69	1.1	15.8	47	28.7
Q935498		71	2.6	14.8	176	27.8
Q935499		71	3.0	17.0	191	27.6
Q935500		52	1.8	15.0	207	24.8
Q935501		61	6.0	11.2	2430	28.9
Q935502		45	3.4	15.8	738	19.3
Q935503		71	2.4	14.8	117	27.5
Q935504		61	2.5	11.8	120	26.9
Q935505		87	1.4	10.1	87	25.2
Q935506		74	1.6	16.0	58	28.9
Q935507		73	1.7	16.1	56	28.5
Q935508		63	6.7	19.9	149	25.0
Q935509		62	3.8	6.0	7540	22.6
Q935510		2	0.1	0.8	22	<0.5
Q935511		76	4.6	15.4	120	28.7
Q935512		52	2.8	10.7	1600	20.2
Q935513		59	3.8	13.0	3420	22.3
Q935514		69	4.9	14.2	2300	24.6
Q935515		65	7.2	10.3	2410	23.5
Q935516		3	0.1	0.8	19	<0.5
Q935517		68	3.2	12.7	833	24.1
Q935518		57	4.3	8.3	5310	20.8
Q935519		71	2.2	14.7	122	26.6
Q935520		66	2.2	13.9	60	30.2
Q935521		69	1.3	14.8	60	30.6
Q935522		73	2.3	17.7	49	32.7
Q935523		71	1.7	15.6	51	30.4
Q935524		70	2.1	15.8	150	33.2
Q935525		67	5.6	11.7	902	29.9
Q935526		56	7.0	9.6	675	27.9
Q935527		59	4.7	11.9	763	27.5
Q935528		50	1.8	11.8	161	82.1
Q935529		48	2.1	13.4	105	82.0
Q935530		49	5.7	11.4	147	65.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129182

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

CERTIFICATE WH14129183

Project: KLAZA

P.O. No.: Batch 192

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

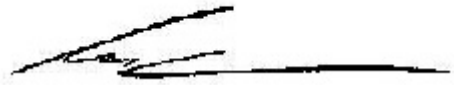
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129183

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q933593		6.20	1.180	4.44	7.03	4000	350	1.53	0.56	2.14	7.74	46.9	13.5	8	13.15	24.7
Q933594		4.66	0.048	1.61	7.54	177.5	720	1.57	0.60	2.53	3.65	56.0	10.3	9	14.80	51.0
Q933595		5.46	0.179	5.98	6.58	1140	320	1.29	0.53	1.39	9.16	44.8	9.2	9	10.05	25.1
Q933596		10.14	<0.005	0.10	7.31	10.3	1980	1.52	0.19	2.95	0.15	43.6	8.1	13	11.10	11.6
Q933597		5.01	<0.005	0.08	6.88	4.0	1900	1.37	0.14	2.78	0.12	34.8	7.2	14	9.41	9.4
Q933598		10.42	<0.005	0.09	7.24	5.1	2110	1.64	0.13	3.07	0.12	40.9	9.0	11	12.45	9.8
Q933599		12.46	0.055	2.54	7.43	543	1550	1.72	13.50	1.89	3.58	46.3	8.6	15	22.0	57.2
Q933600		3.30	0.193	4.49	6.91	1600	440	1.53	2.06	2.32	10.15	47.6	7.5	5	15.65	43.1
Q933601		5.49	<0.005	0.02	0.10	0.5	30	0.07	0.03	20.2	0.08	2.86	1.0	<1	0.27	2.1
Q933602		6.11	0.032	1.22	7.25	434	1260	1.66	2.14	2.25	3.02	46.4	8.0	10	20.0	26.5
Q933603		3.91	<0.005	0.23	7.46	10.5	2040	1.91	1.62	2.20	0.18	42.8	7.8	9	21.8	32.0
Q933604		7.97	<0.005	0.45	7.48	113.0	1770	1.54	1.78	2.74	1.39	48.6	8.5	10	21.5	35.2
Q933605		0.11	0.358	4.60	6.72	718	420	1.43	3.78	2.07	10.95	50.0	12.5	22	13.70	306
Q933606		5.09	0.032	1.39	6.84	326	990	1.57	0.78	2.87	6.53	46.9	7.9	10	22.2	29.1
Q933607		10.18	0.005	0.67	7.58	24.7	1710	1.51	7.87	2.03	0.20	48.3	8.9	12	21.1	48.3
Q933608		5.36	<0.005	0.64	7.52	41.0	1880	1.59	3.91	2.23	0.29	44.9	8.5	9	18.90	22.2
Q933609		5.55	<0.005	0.21	8.19	8.9	2520	1.40	4.12	1.46	0.18	51.1	7.1	10	16.20	48.6
Q933610		6.05	<0.005	0.33	7.62	16.3	1190	1.71	1.18	3.71	0.19	49.6	12.1	13	16.05	39.2
Q933611		<0.02	0.006	0.40	7.72	17.4	1190	1.62	1.37	3.75	0.22	53.6	12.7	12	17.20	42.2
Q933612		3.98	0.018	2.03	6.65	68.5	2270	1.48	10.25	3.50	1.81	45.4	7.7	14	16.15	34.0
Q933613		6.06	<0.005	0.40	6.91	13.2	1590	1.67	0.94	2.73	0.46	47.2	8.7	15	18.15	21.2
Q933614		5.92	0.006	0.48	6.88	57.0	1530	1.50	3.20	3.00	0.17	42.6	9.4	12	15.60	28.9
Q933615		12.38	<0.005	0.18	6.77	16.1	1770	1.69	1.89	2.93	0.09	45.5	8.1	12	19.65	35.3
Q933616		10.19	<0.005	0.45	6.82	34.2	1390	1.58	4.05	2.91	0.12	39.7	8.4	14	18.00	51.2
Q933617		6.82	0.006	0.47	6.95	55.7	1270	1.66	0.70	3.40	0.29	43.4	8.3	12	19.20	25.8
Q933618		6.52	<0.005	0.18	5.80	22.7	1300	1.66	0.30	3.37	0.19	25.2	9.1	12	24.8	28.0
Q933619		5.39	<0.005	0.01	0.07	<0.2	30	0.06	0.03	20.2	0.08	1.25	1.0	3	0.21	2.8
Q933620		7.95	<0.005	0.10	7.22	13.6	1950	1.64	0.26	3.57	0.15	40.6	9.2	12	32.2	18.0
Q933621		6.22	0.008	0.17	7.26	11.6	2030	1.83	0.57	3.63	0.18	40.7	10.6	8	16.95	27.7
Q933622		4.72	<0.005	0.13	6.40	5.0	890	1.32	0.32	4.13	0.14	30.0	9.5	12	11.95	15.3
Q933623		7.48	0.039	0.12	7.42	39.1	980	1.50	0.31	3.74	0.05	57.9	12.4	11	14.30	2.2
Q933624		0.12	0.888	13.45	6.56	1585	830	1.37	12.25	1.89	32.8	46.4	17.2	21	13.65	281
Q933625		2.53	0.053	0.94	6.76	210	690	1.42	0.27	3.26	0.60	48.3	9.4	12	16.05	18.3
Q933626		7.05	<0.005	0.14	7.31	13.8	900	1.35	0.21	2.15	0.27	45.8	8.4	13	17.85	13.5
Q933627		3.55	0.234	1.24	6.08	215	730	1.41	0.27	3.49	0.95	42.9	9.5	12	16.45	18.2
Q933628		8.65	<0.005	0.27	6.71	54.5	1820	1.57	0.33	3.34	0.48	44.4	8.4	11	23.7	14.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129183

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q933593		5.16	15.55	0.07	1.1	0.160	2.84	24.2	32.3	0.78	4610	2.02	0.02	6.9	2.9	580
Q933594		4.39	17.40	0.08	1.3	0.178	3.29	29.1	25.7	0.97	3740	1.18	0.03	7.8	2.8	630
Q933595		6.63	15.25	0.05	1.0	0.430	3.03	23.0	16.2	0.73	8880	5.89	0.12	6.6	2.8	530
Q933596		3.40	17.20	0.09	1.3	0.062	2.79	20.5	11.1	0.96	1100	1.30	1.87	8.7	2.9	680
Q933597		3.24	13.45	0.08	1.0	0.050	2.56	16.4	9.2	0.92	983	1.07	1.83	6.5	2.4	640
Q933598		3.21	16.15	0.14	1.1	0.050	2.53	19.1	14.7	0.89	941	0.96	2.10	7.6	2.9	650
Q933599		3.57	16.50	0.12	1.2	0.110	3.00	22.8	75.2	0.74	4550	1.33	0.08	8.4	3.0	650
Q933600		4.85	15.10	0.15	1.2	0.180	3.15	25.5	13.2	0.80	11100	1.55	0.03	6.9	2.6	570
Q933601		0.49	0.29	0.12	<0.1	0.005	0.04	1.5	1.2	13.15	241	0.12	0.01	0.2	1.7	170
Q933602		3.41	16.60	0.14	1.3	0.084	3.45	22.5	49.0	0.77	3950	0.86	0.08	8.2	2.8	640
Q933603		3.54	15.80	0.13	1.2	0.055	2.94	20.0	32.1	0.81	700	0.80	1.00	7.9	2.9	670
Q933604		3.24	17.35	0.13	1.3	0.066	3.08	23.9	47.7	0.97	1450	1.04	0.08	8.5	2.9	670
Q933605		5.07	14.95	0.10	1.0	0.316	2.88	28.0	26.9	0.80	1900	15.10	0.15	6.0	14.8	520
Q933606		3.73	15.05	0.12	1.1	0.100	2.77	24.7	32.3	1.04	4110	1.24	0.03	7.1	3.5	580
Q933607		3.13	16.75	0.13	1.3	0.064	2.70	23.8	55.3	0.87	1090	0.92	0.07	8.4	3.0	660
Q933608		3.07	17.50	0.12	1.4	0.056	2.89	21.9	60.4	0.83	1400	0.89	0.07	8.3	2.9	640
Q933609		3.01	17.00	0.09	1.4	0.047	2.50	26.7	49.4	0.61	1070	1.23	0.06	8.5	2.5	690
Q933610		3.98	15.25	0.11	1.3	0.052	2.89	25.2	102.0	1.39	1870	1.10	0.03	7.9	3.3	700
Q933611		3.97	16.10	0.14	1.3	0.063	2.91	27.4	105.5	1.41	1920	0.93	0.03	8.1	3.3	690
Q933612		3.11	14.20	0.12	1.2	0.054	2.76	23.9	117.0	1.09	2860	1.03	0.03	6.7	2.9	550
Q933613		3.05	15.20	0.13	1.2	0.046	3.11	24.6	56.8	1.03	1540	1.25	0.04	7.3	3.1	570
Q933614		3.22	14.70	0.11	1.0	0.040	2.39	22.3	69.7	1.08	1240	1.06	0.04	6.6	2.9	580
Q933615		2.98	15.05	0.10	1.2	0.041	2.24	23.3	108.5	1.04	836	0.98	0.04	7.6	2.9	620
Q933616		2.96	16.05	0.12	1.2	0.051	2.82	19.2	59.4	0.93	862	1.08	0.82	7.9	3.1	620
Q933617		3.20	15.40	0.11	1.1	0.044	3.25	22.0	31.6	1.18	2120	2.15	0.03	6.9	2.8	650
Q933618		3.04	16.40	0.10	1.2	0.046	2.27	11.4	137.0	0.23	904	2.93	0.26	7.7	2.9	590
Q933619		0.48	0.28	0.20	<0.1	0.005	0.03	0.6	1.5	13.40	224	0.05	0.01	0.1	1.8	170
Q933620		3.24	16.65	0.16	1.3	0.053	2.64	18.8	17.6	0.51	1280	1.51	1.42	7.8	3.0	650
Q933621		3.46	17.40	0.16	1.4	0.082	2.38	18.2	25.7	0.42	1160	1.65	1.67	8.4	3.2	690
Q933622		2.70	13.65	0.07	1.0	0.058	2.61	13.8	10.1	0.50	1250	1.59	0.83	6.2	2.3	600
Q933623		4.53	14.85	0.15	1.4	0.162	3.68	30.1	12.9	1.11	3830	0.38	0.06	8.8	3.0	760
Q933624		6.42	15.20	0.14	1.1	0.798	2.83	24.4	19.6	0.79	1860	9.47	0.12	6.4	12.1	530
Q933625		4.18	14.15	0.09	1.2	0.224	3.13	26.4	24.9	1.13	4420	1.24	0.06	6.7	3.2	560
Q933626		3.20	16.15	0.10	1.4	0.050	2.20	22.5	48.1	0.78	1400	1.04	0.06	8.2	2.7	670
Q933627		4.26	12.50	0.10	1.0	0.161	2.60	23.3	32.7	1.25	3660	1.11	0.06	5.9	2.9	470
Q933628		3.01	16.00	0.11	1.1	0.057	2.41	22.2	86.4	1.03	1660	1.53	0.06	7.3	2.7	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129183

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q933593		791	190.0	<0.002	3.37	36.7	10.9	1	3.5	106.5	0.54	0.06	11.9	0.251	2.60	4.6
Q933594		52.1	211	<0.002	1.71	22.6	12.4	1	4.0	118.5	0.61	<0.05	14.0	0.270	2.86	5.7
Q933595		689	217	<0.002	3.17	36.8	10.5	1	4.0	71.2	0.52	<0.05	11.2	0.239	2.62	10.6
Q933596		20.1	115.0	<0.002	0.05	2.35	12.1	1	1.6	321	0.75	<0.05	11.4	0.295	1.48	4.5
Q933597		14.8	87.5	<0.002	0.06	1.87	9.6	1	1.3	319	0.55	<0.05	8.4	0.271	1.11	3.1
Q933598		18.9	89.0	<0.002	0.03	1.59	11.7	1	1.5	399	0.60	<0.05	9.7	0.292	1.09	3.2
Q933599		262	136.0	<0.002	0.47	17.35	12.2	1	2.9	128.0	0.66	0.09	12.1	0.290	2.43	3.9
Q933600		652	213	<0.002	1.81	27.8	10.3	1	3.1	77.3	0.59	<0.05	12.2	0.250	3.05	4.1
Q933601		1.8	1.8	<0.002	0.01	0.09	0.3	<1	<0.2	44.1	<0.05	<0.05	0.3	0.005	<0.02	0.6
Q933602		239	146.5	<0.002	0.52	16.35	11.2	1	2.2	147.0	0.66	<0.05	12.0	0.279	2.61	8.1
Q933603		28.2	108.5	<0.002	0.04	7.38	11.2	1	1.9	296	0.66	<0.05	11.5	0.281	1.68	3.7
Q933604		50.4	123.5	<0.002	0.18	15.25	12.2	1	2.2	147.5	0.71	<0.05	12.8	0.280	2.39	3.7
Q933605		484	163.5	0.005	2.66	27.1	9.1	1	5.4	108.5	0.48	0.32	11.4	0.206	2.45	5.2
Q933606		388	151.5	<0.002	0.59	17.40	10.5	1	2.5	145.5	0.60	<0.05	12.5	0.249	2.82	5.8
Q933607		34.2	105.5	<0.002	0.15	19.40	12.4	1	2.4	144.5	0.74	0.10	12.8	0.280	1.64	4.0
Q933608		37.4	109.5	<0.002	0.15	13.95	11.8	1	2.0	141.0	0.70	<0.05	12.7	0.274	2.02	3.7
Q933609		19.1	105.0	<0.002	0.09	18.90	11.7	1	2.0	111.5	0.73	<0.05	14.6	0.295	1.44	2.6
Q933610		12.7	113.0	<0.002	0.20	19.30	11.2	1	2.1	114.5	0.65	<0.05	12.7	0.290	1.89	2.8
Q933611		13.1	124.5	<0.002	0.20	21.1	11.9	1	2.3	118.0	0.69	<0.05	13.8	0.295	1.97	2.9
Q933612		141.5	126.0	<0.002	0.38	23.3	10.0	1	1.7	124.0	0.56	0.06	11.8	0.238	2.25	8.8
Q933613		14.4	146.5	<0.002	0.22	17.70	10.6	1	1.8	102.5	0.59	<0.05	12.2	0.248	2.27	3.9
Q933614		16.6	98.3	<0.002	0.22	22.4	10.2	1	1.6	121.0	0.52	0.05	10.8	0.252	1.53	3.1
Q933615		14.4	83.2	<0.002	0.15	16.35	11.3	1	1.7	213	0.65	<0.05	11.6	0.263	1.41	3.6
Q933616		16.8	104.0	<0.002	0.17	13.00	10.6	1	2.0	266	0.68	0.10	10.5	0.265	1.54	4.6
Q933617		23.8	153.0	<0.002	0.30	14.50	10.8	1	1.8	147.5	0.55	<0.05	10.6	0.262	2.56	4.6
Q933618		21.7	77.5	<0.002	0.04	23.2	8.8	1	2.2	135.5	0.62	<0.05	7.4	0.274	1.74	3.5
Q933619		1.5	1.3	<0.002	0.01	0.09	0.2	1	<0.2	52.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q933620		18.9	110.5	<0.002	0.03	5.70	11.3	1	2.0	295	0.62	<0.05	10.5	0.288	1.63	3.1
Q933621		22.3	87.6	<0.002	0.08	8.16	11.5	1	2.2	249	0.68	<0.05	9.8	0.303	1.36	3.8
Q933622		12.3	94.6	<0.002	0.18	3.62	9.0	1	1.6	134.0	0.50	<0.05	9.0	0.256	1.31	3.9
Q933623		7.8	194.5	<0.002	1.40	5.88	14.8	1	1.8	65.0	0.71	<0.05	14.8	0.315	2.88	5.9
Q933624		1290	167.5	<0.002	4.62	62.4	9.0	2	8.0	96.0	0.53	1.30	11.4	0.212	2.60	5.7
Q933625		48.6	205	<0.002	1.27	19.75	10.7	1	1.9	98.3	0.58	<0.05	11.8	0.247	2.86	5.1
Q933626		17.1	84.1	<0.002	0.10	19.90	12.2	1	1.6	93.9	0.71	<0.05	12.0	0.292	1.51	5.7
Q933627		87.4	169.5	<0.002	1.73	25.7	8.9	1	1.6	96.0	0.51	<0.05	10.7	0.210	2.54	6.1
Q933628		41.4	105.0	<0.002	0.20	13.75	11.3	1	2.0	158.5	0.58	<0.05	10.9	0.258	2.06	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129183

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
Q933593		72	5.6	12.2	729	28.1
Q933594		79	4.7	15.1	564	31.4
Q933595		68	5.2	10.7	747	24.8
Q933596		85	1.8	15.0	62	30.8
Q933597		80	1.4	12.2	58	24.3
Q933598		83	0.8	15.4	56	26.8
Q933599		82	7.1	14.7	302	31.0
Q933600		67	5.6	14.5	784	28.4
Q933601		3	0.1	0.9	18	<0.5
Q933602		80	3.2	15.1	248	31.5
Q933603		80	1.2	14.7	66	29.5
Q933604		81	4.2	17.3	143	31.7
Q933605		66	5.3	11.9	872	28.3
Q933606		70	6.5	14.6	555	26.9
Q933607		82	5.6	16.6	64	31.7
Q933608		81	5.2	15.8	68	33.7
Q933609		80	8.7	15.6	58	33.5
Q933610		77	2.1	14.8	93	31.1
Q933611		77	2.3	15.7	92	31.5
Q933612		68	2.5	15.1	161	28.6
Q933613		71	1.8	14.9	82	27.7
Q933614		74	2.2	14.3	69	26.4
Q933615		77	1.8	15.6	55	26.6
Q933616		76	2.0	13.2	51	30.5
Q933617		81	3.2	13.7	66	25.3
Q933618		83	5.0	10.8	65	31.4
Q933619		3	0.1	0.9	17	<0.5
Q933620		82	3.5	14.3	56	33.3
Q933621		85	3.0	13.4	77	36.7
Q933622		73	1.8	11.2	63	27.4
Q933623		72	2.8	18.0	58	37.0
Q933624		63	6.1	11.3	2350	29.2
Q933625		74	5.6	15.6	134	30.3
Q933626		87	6.0	16.6	82	35.3
Q933627		65	4.0	13.5	174	25.6
Q933628		79	4.3	14.7	101	28.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129183

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

CERTIFICATE WH14129184

Project: KLAZA

P.O. No.: Batch 194

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129184

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935531		4.23	0.087	1.67	6.78	263	600	1.70	1.47	2.74	6.81	48.2	9.1	15	21.2	66.9
Q935532		6.57	0.026	1.48	6.97	120.5	930	1.73	1.42	3.01	6.89	35.2	14.3	137	17.35	43.3
Q935533		1.78	0.425	3.52	6.10	1940	280	1.37	7.92	1.17	22.8	32.2	12.6	49	7.74	35.0
Q935534		5.32	0.157	1.16	6.87	182.0	1020	1.60	1.65	2.78	8.44	36.5	13.9	99	14.35	15.6
Q935535		1.44	0.008	0.21	6.90	32.6	1690	1.21	0.44	3.09	0.19	41.1	12.2	108	17.15	13.7
Q935536		0.11	0.918	13.50	6.58	1560	840	1.40	12.20	1.89	33.3	47.0	17.7	17	13.75	284
Q935537		0.45	0.163	7.80	5.77	199.5	440	1.35	4.84	2.31	34.7	41.1	4.8	6	16.35	190.5
Q935538		3.37	0.494	2.25	7.31	192.0	1880	1.53	1.09	2.38	1.79	45.4	6.0	12	13.85	64.6
Q935539		1.68	0.061	1.00	7.04	106.5	1240	1.40	2.04	2.61	0.87	45.3	7.2	8	16.55	10.0
Q935540		3.86	0.060	0.80	6.73	30.7	6580	1.53	0.47	4.20	4.41	46.1	6.5	6	22.5	18.3
Q935541		2.18	0.798	3.06	6.42	271	490	1.40	4.81	1.14	9.16	48.9	12.6	6	17.35	33.3
Q935542		5.03	0.106	2.01	7.38	121.0	870	1.57	4.39	1.64	3.29	62.6	7.7	7	21.2	10.9
Q935543		3.97	0.028	0.07	7.87	17.5	5340	1.09	0.35	0.93	0.30	51.1	7.3	8	25.9	5.1
Q935544		3.41	0.030	0.15	7.40	9.3	2550	1.67	0.40	2.46	0.88	46.5	7.8	8	15.60	6.5
Q935545		1.88	0.037	0.09	7.38	6.5	2470	1.52	0.40	2.42	0.31	47.6	6.3	8	12.45	5.5
Q935546		3.30	0.010	0.25	7.20	34.8	2630	1.60	0.51	3.39	0.50	58.8	6.5	5	22.3	18.7
Q935547		3.57	0.005	0.22	7.44	17.8	2510	1.53	0.54	1.97	0.18	47.8	8.2	7	13.85	7.6
Q935548		4.08	0.005	0.14	7.65	12.6	2100	1.46	0.52	1.96	0.24	49.3	6.4	7	11.80	5.6
Q935549		<0.02	<0.005	0.11	7.55	12.9	2070	1.46	0.54	1.95	0.27	46.9	6.6	7	11.75	6.7
Q935550		4.83	0.015	0.74	7.13	32.7	2120	1.67	1.69	1.20	0.88	54.4	9.5	7	10.35	12.7
Q935551		3.35	0.229	2.25	5.49	157.0	350	1.25	4.50	1.55	4.12	110.0	17.5	5	12.20	99.9
Q935552		2.37	0.130	2.95	5.75	82.6	230	1.36	8.26	2.62	0.80	97.8	37.4	4	19.65	23.7
Q935553		3.56	0.016	1.02	7.48	35.8	1640	1.58	1.36	1.54	4.40	51.9	8.6	10	16.05	103.0
Q935554		4.60	0.020	1.25	7.48	45.6	1490	1.54	2.39	1.39	4.43	57.7	6.3	8	16.35	35.2
Q935555		5.44	<0.005	0.03	0.09	<0.2	30	0.07	0.92	20.9	0.08	1.50	0.9	1	0.34	2.6
Q935556		6.27	0.006	0.13	7.51	7.6	2430	1.65	0.29	2.62	0.15	46.0	7.4	9	13.10	11.7
Q935557		3.55	0.121	1.71	7.74	175.0	1240	1.57	1.70	2.15	2.71	51.8	6.4	6	22.1	96.6
Q935558		0.16	0.364	4.41	6.91	732	450	1.44	3.54	2.11	11.30	50.0	12.5	23	13.80	318
Q935559		1.15	0.394	4.49	5.24	341	160	1.30	4.59	4.75	20.1	39.3	5.2	2	9.75	117.0
Q935560		5.38	<0.005	0.03	0.09	0.7	20	0.06	0.03	21.1	0.10	1.47	1.0	1	0.22	3.1
Q935561		2.83	0.128	1.22	7.61	160.0	1280	1.55	2.46	1.81	2.00	60.7	6.6	6	15.80	13.8
Q935562		1.61	0.016	0.25	7.45	34.5	1690	1.35	0.33	2.00	0.30	46.0	5.7	6	19.90	8.4
Q935563		0.37	0.570	1.92	6.90	158.0	1190	1.44	0.41	3.74	25.2	39.9	5.6	3	17.40	28.7
Q935564		5.00	0.188	0.52	8.15	179.5	2860	1.35	0.34	0.98	1.13	57.9	6.9	8	16.65	11.5
Q935565		2.16	0.237	7.72	7.07	357	1090	1.48	5.96	1.38	33.6	55.5	6.9	7	19.45	56.2
Q935566		4.26	0.026	0.31	7.61	23.3	2180	1.59	0.45	2.45	0.62	48.0	6.7	7	17.90	9.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129184

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935531		4.29	14.60	0.11	1.0	0.283	2.88	26.3	15.1	1.14	2540	2.66	0.04	6.5	6.1	520
Q935532		5.28	15.15	0.12	1.6	0.311	2.81	18.6	42.9	1.55	3260	1.72	0.04	5.2	39.1	630
Q935533		9.60	14.00	0.08	1.3	1.085	2.67	17.3	53.5	0.86	1860	2.04	0.04	4.9	19.7	560
Q935534		5.08	15.10	0.10	1.6	0.409	2.62	19.8	36.2	1.43	2350	2.06	0.04	5.2	41.5	620
Q935535		3.45	15.70	0.12	1.3	0.119	1.87	21.2	72.6	1.54	1440	1.34	0.22	7.1	37.2	560
Q935536		6.42	15.90	0.15	1.1	0.826	2.81	24.8	20.2	0.79	1880	8.97	0.13	6.5	12.6	540
Q935537		6.20	13.50	0.09	0.9	0.245	2.52	22.1	17.8	1.26	3610	1.97	0.03	5.6	4.4	420
Q935538		3.74	16.40	0.13	1.3	0.138	2.77	22.3	13.2	0.83	1050	1.39	1.74	7.9	2.9	580
Q935539		3.99	15.15	0.13	1.2	0.194	3.24	23.8	17.1	0.79	1280	1.31	0.44	7.1	2.5	530
Q935540		3.16	16.05	0.19	1.3	0.079	2.57	23.3	28.8	1.23	1730	1.91	1.10	8.2	2.6	530
Q935541		6.17	15.80	0.17	1.1	0.422	2.83	25.7	15.3	0.54	864	1.83	0.04	6.9	3.4	490
Q935542		4.60	17.45	0.14	1.2	0.221	2.88	36.8	41.3	0.69	1320	16.60	0.04	8.5	2.6	590
Q935543		2.75	17.10	0.12	1.4	0.059	2.42	27.3	92.1	0.34	752	3.02	0.06	8.8	3.9	630
Q935544		3.15	18.00	0.16	1.3	0.074	2.79	22.7	22.9	0.60	633	2.63	1.55	9.4	3.2	610
Q935545		3.00	16.15	0.15	1.2	0.064	2.75	23.4	22.3	0.62	585	1.98	1.65	8.0	2.4	600
Q935546		3.16	16.75	0.16	1.2	0.081	2.72	33.0	22.6	0.96	1220	11.75	0.13	8.6	2.3	720
Q935547		2.87	17.35	0.13	1.1	0.196	2.76	24.2	27.6	0.59	703	2.02	0.44	7.8	2.6	630
Q935548		2.73	17.90	0.16	1.1	0.158	2.66	25.2	47.3	0.64	788	3.12	0.07	8.0	2.3	620
Q935549		2.69	17.50	0.10	1.1	0.159	2.66	23.7	47.3	0.63	782	2.53	0.07	8.4	2.4	620
Q935550		3.60	15.45	0.12	0.8	0.395	3.45	33.1	11.4	0.67	1250	1.42	0.05	5.5	2.3	550
Q935551		6.07	16.00	0.17	0.9	0.572	2.52	75.4	16.5	0.57	1660	2.98	0.04	5.1	4.4	490
Q935552		4.98	11.30	0.11	0.7	0.258	2.31	61.9	19.4	0.97	1060	2.91	0.04	4.6	4.0	410
Q935553		3.92	16.35	0.13	1.1	0.208	2.75	29.7	28.9	0.65	1120	3.80	0.06	7.6	2.3	560
Q935554		5.63	17.35	0.15	1.2	0.380	3.34	32.7	15.6	0.88	2220	5.49	0.05	7.5	2.5	540
Q935555		0.51	0.32	0.16	<0.1	0.008	0.04	0.8	1.3	13.80	227	0.09	<0.01	0.3	1.8	190
Q935556		2.96	17.15	0.19	1.3	0.075	2.90	22.3	15.4	0.82	628	1.72	2.05	8.6	2.5	580
Q935557		3.85	16.70	0.17	1.1	0.188	3.05	28.9	55.6	0.80	2020	2.38	0.06	7.7	2.3	570
Q935558		5.20	15.85	0.16	1.2	0.306	3.03	28.2	26.5	0.82	2060	15.35	0.15	6.5	14.5	540
Q935559		5.73	11.75	0.13	0.7	0.296	2.45	21.3	11.0	1.47	6180	3.10	0.03	4.9	2.3	390
Q935560		0.51	0.30	0.11	<0.1	0.006	0.03	0.7	1.3	13.80	234	0.06	0.01	0.2	2.0	180
Q935561		4.22	16.90	0.14	1.1	0.314	3.16	33.6	21.9	0.78	2430	1.27	0.05	8.0	2.2	610
Q935562		2.66	17.00	0.16	1.3	0.080	2.73	22.5	48.3	0.61	1720	1.22	0.08	8.5	2.1	600
Q935563		2.84	15.90	0.16	0.9	0.091	2.97	21.1	11.6	1.23	8010	4.02	0.03	7.3	2.0	500
Q935564		2.92	17.60	0.15	1.3	0.094	3.20	32.0	33.9	0.54	3100	2.01	0.08	8.8	2.4	650
Q935565		3.87	15.45	0.13	1.0	0.296	2.72	32.6	67.0	0.63	2580	2.69	0.05	7.6	2.4	540
Q935566		3.49	17.20	0.15	1.2	0.097	2.96	24.6	41.4	0.78	730	1.60	0.72	8.2	2.3	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129184

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935531		302	181.5	<0.002	1.46	21.9	9.9	1	3.2	76.5	0.54	0.06	12.3	0.224	2.64	7.2
Q935532		355	194.5	<0.002	1.30	14.35	13.0	1	1.6	95.2	0.42	0.07	8.3	0.235	2.64	5.8
Q935533		213	191.5	<0.002	7.72	13.75	7.6	1	6.6	29.7	0.42	0.15	7.9	0.177	2.45	4.3
Q935534		172.0	171.0	<0.002	1.28	9.71	10.9	1	1.9	96.8	0.40	<0.05	8.9	0.210	2.44	4.5
Q935535		21.4	77.5	<0.002	0.31	20.2	13.0	1	1.6	199.0	0.57	<0.05	10.0	0.268	1.69	5.5
Q935536		1300	169.0	0.002	4.65	63.9	9.4	2	8.3	96.8	0.57	1.77	11.6	0.214	2.63	5.3
Q935537		767	124.0	<0.002	1.16	52.5	7.7	1	6.8	36.6	0.46	<0.05	10.2	0.196	2.75	8.9
Q935538		116.0	116.0	<0.002	0.89	14.70	9.8	1	3.2	271	0.68	<0.05	13.0	0.248	1.67	4.5
Q935539		59.1	161.0	<0.002	2.17	4.18	8.9	1	3.0	116.5	0.61	0.27	12.8	0.231	2.32	4.8
Q935540		54.2	104.5	<0.002	0.46	6.18	9.5	1	1.9	255	0.75	0.09	11.9	0.221	1.40	4.8
Q935541		162.0	163.0	<0.002	5.72	11.60	9.3	2	6.3	40.5	0.58	0.54	12.1	0.217	2.52	4.6
Q935542		147.5	165.0	<0.002	1.90	15.50	10.6	1	4.6	79.5	0.72	0.67	14.1	0.253	2.57	5.6
Q935543		20.1	105.0	<0.002	0.21	37.4	10.3	1	2.4	165.5	0.79	0.11	15.2	0.262	1.23	5.3
Q935544		34.5	99.9	<0.002	0.14	4.69	10.8	1	2.9	279	0.82	0.11	12.6	0.267	1.35	4.4
Q935545		23.2	93.6	<0.002	0.10	3.60	9.6	1	2.4	294	0.70	0.12	12.2	0.260	1.13	3.2
Q935546		16.3	96.7	<0.002	0.37	8.87	11.3	1	3.7	96.7	0.69	0.06	12.6	0.289	1.88	8.1
Q935547		20.4	110.5	<0.002	0.32	10.75	10.3	1	3.0	104.0	0.70	0.07	13.8	0.236	1.60	3.6
Q935548		16.6	105.0	<0.002	0.28	12.40	11.3	1	3.1	135.0	0.66	0.10	13.6	0.248	1.50	2.7
Q935549		17.9	99.2	<0.002	0.26	12.65	11.1	1	3.0	130.0	0.69	0.08	13.1	0.256	1.46	2.6
Q935550		76.5	225	<0.002	0.99	10.25	8.9	1	4.2	49.1	0.45	0.19	13.5	0.181	2.67	6.3
Q935551		265	166.0	0.002	3.67	34.0	8.4	1	6.2	53.8	0.48	0.40	11.9	0.146	2.06	9.9
Q935552		87.5	127.5	0.011	3.44	22.3	6.5	1	5.3	82.8	0.40	3.82	10.5	0.159	1.65	6.9
Q935553		65.4	147.0	<0.002	1.34	16.85	10.2	1	3.5	76.3	0.63	0.27	14.1	0.246	1.97	4.1
Q935554		88.9	201	<0.002	1.37	9.58	9.9	1	3.8	53.6	0.66	0.21	14.7	0.224	2.83	4.5
Q935555		1.8	2.2	<0.002	0.01	0.10	0.3	1	<0.2	45.3	<0.05	<0.05	<0.2	0.005	0.02	0.7
Q935556		19.9	110.0	<0.002	0.09	2.77	10.4	1	2.0	327	0.73	<0.05	12.6	0.255	1.35	4.1
Q935557		118.5	172.0	<0.002	1.58	14.05	9.8	1	3.2	84.0	0.64	0.08	13.7	0.256	2.50	5.9
Q935558		507	163.5	0.003	2.72	29.1	9.2	1	5.7	108.5	0.55	0.32	11.9	0.217	2.47	5.3
Q935559		563	158.5	<0.002	4.25	24.4	6.3	1	4.2	92.0	0.42	0.26	8.7	0.158	2.43	3.4
Q935560		2.7	1.7	<0.002	0.02	0.11	0.3	1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	0.03	0.6
Q935561		84.5	187.5	<0.002	1.77	8.66	10.8	1	4.0	69.0	0.68	0.23	15.2	0.253	2.78	5.4
Q935562		21.2	106.5	<0.002	0.49	12.35	9.8	1	2.0	92.5	0.72	<0.05	12.6	0.257	2.05	3.0
Q935563		952	156.5	<0.002	1.03	9.88	8.9	1	2.5	98.6	0.55	0.07	9.7	0.230	3.39	4.9
Q935564		56.1	163.0	<0.002	1.04	8.20	11.1	1	2.5	84.5	0.80	0.05	15.6	0.270	2.92	6.4
Q935565		2360	141.5	<0.002	1.64	33.3	9.9	1	5.3	72.1	0.62	0.08	13.9	0.240	2.42	6.0
Q935566		30.0	118.5	<0.002	0.28	8.38	10.5	1	2.5	174.5	0.74	0.05	13.0	0.261	1.69	4.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129184

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935531		65	6.5	12.9	657	26.5
Q935532		97	3.5	11.9	677	49.1
Q935533		66	7.6	6.4	1460	38.5
Q935534		86	4.0	10.2	687	46.4
Q935535		93	2.7	13.7	109	36.9
Q935536		61	6.4	11.9	2370	31.0
Q935537		58	9.8	7.8	3500	22.0
Q935538		67	3.6	13.7	186	31.2
Q935539		62	3.1	12.8	93	29.7
Q935540		60	4.2	16.4	366	30.9
Q935541		58	5.0	11.4	692	26.7
Q935542		66	5.0	13.4	295	29.0
Q935543		65	8.0	14.7	75	30.9
Q935544		73	1.9	15.5	97	31.3
Q935545		69	1.7	14.3	63	27.6
Q935546		77	3.0	16.2	82	26.2
Q935547		69	2.5	14.4	54	26.4
Q935548		72	2.7	15.6	54	29.4
Q935549		71	2.7	14.4	53	26.6
Q935550		58	2.2	11.2	103	21.7
Q935551		70	3.5	12.8	344	21.8
Q935552		48	2.5	12.2	109	19.2
Q935553		65	3.4	13.8	389	26.8
Q935554		59	6.7	11.0	378	29.8
Q935555		3	0.1	0.8	18	<0.5
Q935556		70	1.7	16.1	45	30.1
Q935557		67	4.9	13.1	259	24.8
Q935558		67	5.7	11.9	901	30.9
Q935559		44	3.5	9.5	1760	17.0
Q935560		3	0.1	0.9	21	0.5
Q935561		72	4.0	13.0	211	27.4
Q935562		66	4.1	13.7	50	30.5
Q935563		59	5.8	14.2	1940	22.6
Q935564		73	8.7	13.5	120	30.4
Q935565		64	5.8	13.0	2710	26.3
Q935566		71	2.7	15.7	89	29.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129184

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

CERTIFICATE WH14129185

Project: KLAZA

P.O. No.: Batch 195

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

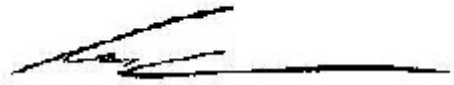
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129185

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935567		3.67	0.006	0.12	7.64	12.7	2380	1.61	0.24	2.63	0.15	46.0	6.9	9	20.1	10.1
Q935568		4.80	0.011	0.25	7.51	25.4	1990	1.40	0.37	1.80	0.28	48.4	6.6	8	23.4	18.2
Q935569		1.44	0.146	2.68	7.42	208	510	1.49	2.56	1.12	3.85	54.3	14.2	6	14.05	69.5
Q935570		1.76	6.75	25.4	3.63	5230	160	0.83	50.6	1.49	10.50	36.8	41.0	1	7.37	432
Q935571		5.55	<0.005	0.01	0.07	1.0	20	0.06	0.03	20.0	0.07	1.30	0.7	1	0.24	1.6
Q935572		1.45	0.150	3.29	4.89	248	770	1.12	3.02	3.48	2.32	44.9	5.0	5	10.50	79.7
Q935573		2.07	0.162	1.43	6.40	202	1640	1.30	2.10	0.72	4.64	48.8	9.0	7	14.65	25.6
Q935574		3.81	0.011	0.33	6.47	28.7	1790	1.33	1.34	1.95	0.89	40.8	6.1	7	20.0	10.2
Q935575		6.23	0.035	0.37	6.46	34.9	1980	1.58	2.03	2.29	0.25	40.6	6.4	9	17.70	20.0
Q935576		2.98	0.012	0.54	7.39	33.4	2140	1.39	1.02	1.25	0.37	46.1	5.4	6	16.05	30.8
Q935577		0.87	0.416	7.96	5.20	362	1160	1.24	11.05	2.25	21.8	42.6	8.2	4	10.15	200
Q935578		4.32	0.042	0.61	7.08	39.5	1790	1.33	1.63	1.43	0.53	42.9	7.3	7	19.40	21.4
Q935579		1.56	0.023	0.69	7.39	46.3	1640	1.54	1.91	1.46	0.45	54.6	8.7	6	23.4	19.9
Q935580		0.99	0.314	4.01	5.96	249	1280	1.38	4.83	1.47	24.3	48.6	5.8	6	15.80	66.0
Q935581		3.43	0.042	1.00	7.10	63.6	1580	1.65	2.03	1.32	1.74	59.4	5.9	6	20.6	18.6
Q935582		5.91	0.011	0.17	6.91	12.5	2110	1.51	0.39	2.17	0.27	44.2	6.1	8	21.2	11.0
Q935583		<0.02	0.011	0.16	6.73	12.2	2120	1.51	0.40	2.20	0.41	43.6	6.1	10	21.4	11.2
Q935584		6.79	0.026	0.80	7.00	31.6	1920	1.61	1.27	2.03	4.99	54.2	7.5	9	21.1	21.5
Q935585		3.57	0.083	0.63	7.54	59.5	2050	1.62	0.69	0.49	9.91	67.0	9.6	5	19.15	54.2
Q935586		2.36	0.044	0.74	7.40	23.1	1930	1.35	1.07	1.21	2.34	59.9	9.4	5	13.85	19.5
Q935587		0.29	0.400	4.34	6.41	674	1090	1.38	3.20	1.97	10.55	47.4	12.0	22	12.80	308
Q935588		2.17	0.074	0.98	7.08	50.9	1890	1.54	1.15	1.30	2.51	55.7	7.4	5	20.9	19.8
Q935589		3.91	0.035	0.90	7.62	38.0	2490	1.50	0.79	1.76	4.40	50.0	5.7	7	13.10	29.7
Q935590		2.58	0.071	4.14	7.36	57.1	3050	1.55	11.95	1.43	4.83	48.3	7.7	5	13.90	31.1
Q935591		4.85	0.035	2.50	6.04	30.2	2000	1.22	4.64	3.39	2.25	69.1	5.1	5	22.3	14.8
Q935592		3.27	0.027	0.34	5.21	29.9	1660	1.23	0.30	2.35	1.58	29.5	5.4	5	12.60	15.8
Q935593		0.28	0.888	11.15	6.17	1465	1230	1.22	12.15	1.88	32.8	46.5	16.3	16	13.15	273
Q935594		3.12	0.163	0.64	6.47	118.0	2550	1.39	1.36	4.41	1.42	44.7	5.5	4	15.35	13.5
Q935595		6.08	0.009	0.18	7.29	10.0	2480	1.33	0.68	2.03	0.33	48.0	6.2	6	11.70	8.2
Q935596		7.88	0.014	0.32	6.98	14.4	2350	1.55	0.47	2.28	0.79	48.8	5.5	7	9.61	15.0
Q935597		5.12	0.028	0.91	7.11	18.3	2690	1.68	1.06	2.35	2.20	45.6	5.4	7	10.85	77.3
Q935598		4.37	0.019	0.40	7.18	12.7	2390	1.58	0.35	2.08	1.73	53.9	5.0	7	8.66	13.7
Q935599		1.30	0.015	0.33	6.44	18.8	1610	1.43	0.50	2.24	2.38	39.1	3.9	5	19.40	12.6
Q935600		1.56	0.088	0.74	7.09	99.0	1480	1.65	1.70	2.22	6.28	45.9	4.8	5	19.35	31.3
Q935601		5.53	<0.005	0.02	0.08	0.2	280	0.06	0.02	19.30	0.08	1.16	0.6	<1	0.20	1.9
Q935602		3.25	0.027	0.15	6.66	37.9	1410	1.67	0.36	2.80	0.39	47.6	6.4	8	21.8	9.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129185

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935567		2.95	16.75	0.12	1.2	0.064	2.86	22.9	18.6	0.72	650	1.91	2.11	8.1	2.6	610
Q935568		2.99	16.50	0.12	1.1	0.068	2.46	24.4	129.5	0.59	908	1.74	0.40	8.3	2.7	600
Q935569		4.49	16.15	0.11	1.0	0.253	2.90	30.0	78.3	0.58	860	4.26	0.04	7.2	2.5	580
Q935570		13.20	10.80	0.12	0.5	0.618	1.66	19.3	15.9	0.29	7530	5.83	0.03	3.5	3.2	210
Q935571		0.47	0.24	0.19	<0.1	<0.005	0.03	0.6	1.3	13.10	220	0.14	0.01	0.1	1.5	170
Q935572		3.60	12.15	0.14	0.8	0.161	2.25	25.0	23.4	0.61	1800	4.63	0.02	5.0	1.9	330
Q935573		4.25	14.70	0.16	0.9	0.236	2.78	26.4	11.9	0.56	2790	2.45	0.04	6.3	2.4	450
Q935574		3.05	15.60	0.16	1.0	0.142	2.76	19.7	38.4	0.66	1280	0.99	0.06	7.1	2.1	530
Q935575		3.08	16.05	0.17	1.2	0.108	2.74	19.1	19.5	0.60	753	0.91	1.01	7.9	2.2	560
Q935576		3.00	16.15	0.14	1.0	0.246	2.57	23.4	29.3	0.59	947	1.86	0.05	7.4	2.3	580
Q935577		6.78	13.05	0.15	0.7	0.855	2.46	22.0	11.6	0.96	2360	1.75	0.07	4.6	3.1	340
Q935578		3.45	16.50	0.14	1.0	0.124	3.04	21.6	22.7	0.58	1440	1.07	0.07	7.4	2.4	560
Q935579		3.66	17.50	0.17	1.1	0.134	3.10	28.5	24.5	0.65	1480	1.85	0.07	7.8	2.7	570
Q935580		4.71	14.70	0.15	0.9	0.244	2.77	26.2	17.4	0.74	5490	3.09	0.03	6.4	2.7	470
Q935581		5.14	16.65	0.15	1.1	0.190	2.95	32.1	33.9	0.83	2060	1.50	0.05	7.2	2.4	530
Q935582		3.22	16.30	0.17	1.1	0.088	2.98	21.3	22.0	0.65	906	1.48	1.17	7.5	2.3	560
Q935583		3.23	16.45	0.15	1.0	0.087	2.99	20.7	22.4	0.63	932	1.27	1.17	7.9	2.3	560
Q935584		3.09	16.50	0.16	1.1	0.207	2.93	27.2	29.9	0.66	927	1.43	1.11	7.6	2.4	550
Q935585		3.87	17.20	0.17	1.2	0.175	2.74	35.9	34.5	0.24	875	3.47	0.07	7.6	3.7	640
Q935586		2.99	17.10	0.18	1.0	0.213	3.05	33.4	27.5	0.44	764	2.46	0.09	7.2	2.8	540
Q935587		4.90	15.55	0.14	1.0	0.315	2.88	26.1	25.9	0.77	1880	14.55	0.15	5.9	14.6	490
Q935588		2.83	16.35	0.15	1.1	0.217	2.96	30.4	28.7	0.48	768	2.62	0.07	7.1	2.3	520
Q935589		2.89	18.00	0.16	1.2	0.245	3.24	24.9	24.9	0.66	837	2.49	0.35	8.4	2.6	600
Q935590		2.62	16.60	0.19	1.0	0.230	3.25	25.2	22.0	0.41	666	2.84	0.12	7.0	2.4	520
Q935591		2.82	14.75	0.22	1.2	0.096	2.80	41.1	27.9	0.44	888	3.24	0.19	6.9	1.9	520
Q935592		2.47	15.10	0.25	1.2	0.144	2.87	13.6	38.6	0.41	850	3.21	0.22	7.6	2.0	520
Q935593		6.13	14.20	0.13	1.0	0.769	2.79	26.0	15.5	0.77	1800	8.30	0.12	6.0	11.4	530
Q935594		3.91	13.60	0.12	1.0	0.170	2.84	24.4	18.7	1.38	1300	3.60	0.25	6.3	2.1	490
Q935595		2.87	15.40	0.15	1.3	0.083	3.02	25.3	11.8	0.66	455	1.91	1.71	7.9	2.3	580
Q935596		2.84	17.10	0.16	1.2	0.135	2.91	24.3	17.0	0.69	582	3.14	2.15	8.1	2.5	570
Q935597		2.41	16.85	0.19	1.2	0.358	3.19	22.8	11.4	0.70	540	3.23	1.99	7.6	2.3	530
Q935598		2.56	16.80	0.19	1.3	0.100	2.93	27.7	15.9	0.70	494	1.48	2.13	8.0	2.2	550
Q935599		2.21	16.10	0.17	1.2	0.120	2.77	18.7	55.3	0.55	779	1.57	0.11	7.8	2.1	550
Q935600		3.80	17.90	0.15	1.7	0.529	3.27	23.2	14.2	0.97	1240	2.34	0.04	7.9	3.2	580
Q935601		0.47	0.25	0.21	<0.1	0.006	0.03	0.5	1.0	12.50	211	0.05	0.01	0.2	1.3	170
Q935602		2.47	17.65	0.20	3.1	0.052	2.96	23.2	16.9	0.94	672	1.62	0.06	9.1	4.0	680

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129185

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935567		20.4	109.5	<0.002	0.12	3.94	10.0	1	2.0	336	0.68	<0.05	12.3	0.261	1.30	3.6
Q935568		21.0	104.0	<0.002	0.20	30.7	10.1	1	2.1	161.5	0.68	<0.05	12.7	0.263	1.44	3.8
Q935569		215	173.5	<0.002	2.88	41.3	10.2	1	6.7	80.0	0.60	0.30	12.4	0.245	2.09	4.0
Q935570		398	113.5	0.004	>10.0	105.5	5.8	2	7.0	26.7	0.28	1.17	6.2	0.106	1.40	6.2
Q935571		1.4	1.5	<0.002	0.01	0.10	0.2	<1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935572		137.0	148.0	0.002	2.58	55.9	6.8	1	4.5	80.3	0.44	0.07	9.3	0.162	2.16	8.4
Q935573		163.0	162.5	<0.002	1.65	13.60	8.7	1	3.6	38.8	0.56	0.11	12.4	0.205	2.87	8.2
Q935574		36.7	99.7	<0.002	0.49	11.75	9.1	1	2.4	81.8	0.64	<0.05	10.9	0.225	1.91	5.0
Q935575		25.6	100.5	<0.002	0.46	8.32	9.4	1	2.3	189.5	0.72	0.09	11.0	0.233	1.52	3.6
Q935576		21.2	112.5	<0.002	0.38	18.90	10.3	1	3.0	55.7	0.63	0.08	12.8	0.243	1.71	3.4
Q935577		414	150.5	0.003	5.72	32.4	7.9	1	5.3	40.4	0.40	0.39	9.1	0.156	2.71	3.2
Q935578		41.1	120.0	<0.002	0.61	13.50	10.0	1	2.6	72.2	0.63	0.05	11.8	0.240	2.23	5.0
Q935579		39.7	137.5	<0.002	0.67	12.55	11.0	1	2.8	77.1	0.67	0.11	14.7	0.243	2.27	6.0
Q935580		751	153.0	0.002	1.81	35.1	10.1	1	5.4	33.4	0.56	0.09	12.3	0.201	2.93	6.8
Q935581		85.9	153.0	<0.002	0.74	16.50	10.3	1	4.1	70.7	0.63	0.12	15.4	0.232	2.57	7.1
Q935582		21.7	113.5	0.002	0.13	6.40	9.6	1	2.2	208	0.65	0.06	11.6	0.246	1.69	3.7
Q935583		23.4	109.5	<0.002	0.12	6.56	9.7	1	2.3	209	0.68	<0.05	11.6	0.242	1.73	3.7
Q935584		100.5	128.5	<0.002	0.35	11.50	10.0	1	2.3	203	0.68	<0.05	14.2	0.231	1.71	4.5
Q935585		114.5	128.5	<0.002	0.34	23.8	11.9	1	1.9	65.4	0.67	0.20	17.6	0.230	1.68	4.7
Q935586		55.7	133.5	<0.002	1.08	17.30	10.3	1	2.4	81.4	0.61	0.32	14.3	0.226	1.60	3.8
Q935587		466	155.5	0.004	2.63	27.5	9.2	1	5.4	106.5	0.51	0.30	11.1	0.203	2.45	4.9
Q935588		101.0	132.0	0.002	1.02	19.10	9.7	1	2.7	87.0	0.61	0.51	13.0	0.218	1.75	3.3
Q935589		69.2	127.0	0.002	0.47	8.64	10.9	1	2.8	133.0	0.68	0.20	13.3	0.248	1.63	2.9
Q935590		134.5	139.0	0.002	0.65	11.90	9.6	1	2.8	98.5	0.60	0.22	12.6	0.223	1.86	3.3
Q935591		118.5	105.0	<0.002	0.33	7.66	9.7	1	2.7	173.5	0.55	0.09	14.4	0.222	1.65	4.7
Q935592		45.9	61.0	<0.002	0.29	6.81	7.3	1	2.2	156.5	0.59	0.07	8.1	0.237	1.73	2.6
Q935593		1245	159.0	<0.002	4.38	58.6	8.7	1	7.6	94.3	0.48	0.97	11.0	0.208	2.62	5.1
Q935594		55.2	105.5	<0.002	1.06	9.06	8.1	1	3.7	175.5	0.49	0.11	10.0	0.204	1.88	4.5
Q935595		23.0	107.0	0.002	0.40	2.74	9.6	1	1.8	272	0.62	0.30	11.7	0.247	1.38	2.7
Q935596		37.5	111.5	<0.002	0.23	2.68	10.0	1	2.4	331	0.68	0.11	11.5	0.237	1.26	2.9
Q935597		106.0	125.0	0.002	0.50	3.69	9.8	1	1.8	326	0.68	0.17	13.9	0.226	1.60	3.0
Q935598		80.5	116.0	<0.002	0.20	2.93	10.0	1	1.5	335	0.69	0.08	13.9	0.237	1.40	3.2
Q935599		69.9	92.2	0.002	0.31	6.41	8.6	1	1.6	215	0.66	0.08	10.4	0.230	1.94	3.0
Q935600		124.5	185.5	<0.002	1.29	8.77	9.7	1	5.0	86.5	0.66	0.22	12.4	0.231	3.55	5.3
Q935601		1.6	1.6	<0.002	0.01	0.06	0.1	<1	<0.2	50.3	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q935602		19.0	96.8	<0.002	0.16	7.16	6.9	1	1.6	192.5	0.73	<0.05	8.8	0.259	2.21	5.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129185

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935567		69	1.3	15.5	44	28.5
Q935568		70	3.9	15.1	54	26.6
Q935569		71	6.0	11.0	244	22.7
Q935570		35	5.9	10.9	724	12.0
Q935571		3	0.1	0.9	17	0.5
Q935572		45	5.4	10.4	188	19.7
Q935573		56	6.7	10.6	438	21.1
Q935574		60	3.4	12.0	104	25.1
Q935575		63	2.4	14.6	62	29.0
Q935576		64	3.5	12.6	72	23.3
Q935577		49	5.4	8.0	1900	15.4
Q935578		67	5.2	12.7	91	22.6
Q935579		67	5.6	15.7	79	26.5
Q935580		60	7.5	11.0	2020	20.8
Q935581		61	6.1	14.4	202	24.3
Q935582		64	5.4	14.9	66	26.1
Q935583		65	5.7	15.0	72	26.9
Q935584		61	2.3	15.6	371	26.9
Q935585		67	2.8	20.3	635	32.5
Q935586		61	3.9	16.5	257	28.3
Q935587		62	5.7	11.4	836	30.4
Q935588		61	2.9	17.3	350	29.8
Q935589		65	4.0	17.7	463	34.0
Q935590		58	3.7	14.9	460	28.4
Q935591		59	3.5	22.2	278	27.0
Q935592		65	3.7	10.9	184	29.8
Q935593		60	6.1	10.9	2310	26.2
Q935594		55	6.3	15.3	202	24.9
Q935595		65	2.6	13.5	69	30.1
Q935596		62	5.0	16.5	116	32.9
Q935597		60	2.5	15.8	218	32.3
Q935598		60	2.8	16.4	169	34.8
Q935599		56	2.5	13.2	193	34.4
Q935600		62	5.2	15.6	395	57.9
Q935601		2	0.1	0.8	16	<0.5
Q935602		64	3.5	13.7	120	112.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129185

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

CERTIFICATE WH14129186

Project: KLAZA

P.O. No.: Batch 197

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129186

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935603		4.92	0.006	0.08	6.58	20.3	1380	1.80	0.17	3.21	0.21	49.2	5.9	8	23.5	11.0
Q935604		3.63	0.717	18.85	5.83	411	900	1.30	67.9	0.71	6.76	52.2	4.9	5	11.95	57.7
Q935605		3.70	0.072	0.69	7.36	41.0	1640	1.51	1.30	1.22	1.19	58.8	6.4	7	14.00	15.0
Q935606		0.29	0.868	11.65	6.24	1465	1230	1.30	12.25	1.80	32.3	48.0	17.1	16	13.20	277
Q935607		0.89	0.184	5.94	6.15	143.5	960	1.31	21.9	2.91	5.45	45.5	7.4	4	12.35	133.5
Q935608		3.07	0.115	0.65	6.27	68.4	2240	1.41	1.44	2.42	2.00	38.1	5.3	9	15.85	20.8
Q935609		0.96	0.242	1.89	6.72	142.0	1240	1.62	4.37	2.85	3.20	46.1	6.7	5	14.45	66.2
Q935610		5.51	<0.005	0.03	0.07	0.6	160	0.07	0.06	19.15	0.07	1.11	0.6	1	0.15	2.8
Q935611		4.07	0.015	0.41	7.33	14.9	3590	1.39	0.75	0.77	1.79	53.4	6.0	6	12.55	6.6
Q935612		3.67	0.011	0.28	7.48	14.0	2470	1.62	0.48	1.47	1.13	50.8	3.1	5	12.95	5.4
Q935613		5.15	0.074	0.64	6.95	48.5	2450	1.52	0.56	2.08	8.28	44.5	6.2	7	16.40	9.6
Q935614		3.97	0.419	1.71	7.06	979	1680	1.40	1.51	1.85	11.20	48.8	5.3	7	13.80	38.8
Q935615		3.18	0.154	2.32	7.12	385	1840	1.34	7.30	1.19	7.58	55.9	5.6	5	14.15	48.2
Q935616		6.37	0.050	0.29	7.12	52.8	2140	1.48	0.36	1.57	1.06	49.5	6.5	8	13.15	19.7
Q935617		2.93	0.067	0.35	7.16	88.8	2300	1.49	0.35	1.50	1.10	49.3	6.1	6	13.25	15.8
Q935618		5.48	0.293	1.51	6.92	93.8	2250	1.45	2.64	1.78	4.06	47.9	6.8	6	13.50	91.8
Q935619		6.83	0.371	0.97	6.83	160.0	1880	1.41	1.09	1.44	1.98	55.4	7.0	6	17.65	18.0
Q935620		6.88	0.074	0.52	7.21	44.6	1630	1.24	0.85	1.10	1.50	59.3	5.9	6	16.25	27.1
Q935621		2.06	0.025	0.44	7.03	25.5	620	1.32	1.18	1.49	1.07	50.3	9.6	4	12.30	16.1
Q935622		0.30	0.360	4.47	6.58	685	990	1.40	3.54	2.03	10.80	49.4	12.1	23	13.25	317
Q935623		2.05	2.29	16.10	3.99	567	320	0.91	41.7	1.89	8.81	45.7	21.4	1	27.4	676
Q935624		4.46	2.03	2.44	6.01	167.5	910	1.32	3.77	1.80	5.66	42.7	6.1	4	12.70	170.5
Q935625		7.14	0.046	1.60	6.86	37.5	950	1.61	2.74	2.28	2.85	50.7	14.7	6	11.15	149.5
Q935626		5.58	0.169	1.13	6.78	138.0	1410	1.47	2.48	2.41	2.33	54.2	7.0	5	13.30	40.0
Q935627		<0.02	0.185	1.06	6.75	141.5	1410	1.43	2.23	2.40	2.52	49.2	6.6	7	13.05	38.5
Q935628		2.75	0.010	0.32	6.74	17.2	690	1.45	0.94	2.04	0.72	44.4	52.0	6	9.51	4.4
Q935629		6.01	0.024	0.56	7.28	27.2	2440	1.27	1.57	0.95	1.18	57.5	10.6	6	13.30	10.0
Q935630		6.96	0.018	0.57	7.59	17.1	1760	1.33	1.25	1.33	2.12	53.2	6.0	6	15.45	17.1
Q935631		6.01	0.034	0.59	7.44	22.3	910	1.52	1.39	1.46	2.51	56.8	7.2	6	14.35	12.1
Q935632		3.08	0.026	0.69	6.24	16.0	1610	1.26	1.37	1.70	4.63	41.1	7.4	8	11.50	11.0
Q935633		3.90	0.052	1.40	7.05	41.9	840	1.75	5.63	3.75	4.02	49.4	4.2	46	19.60	66.4
Q935634		2.70	0.104	1.81	4.71	95.6	430	1.11	6.01	2.74	4.87	38.7	5.1	24	20.9	99.6
Q935635		5.57	<0.005	0.02	0.09	0.4	40	0.05	0.05	19.30	0.09	1.25	0.7	1	0.38	3.7
Q935636		3.92	0.034	1.53	6.20	64.2	500	1.37	4.94	4.51	1.18	58.0	10.3	37	14.15	170.0
Q935637		3.91	0.033	0.74	7.03	62.0	880	1.46	2.76	2.04	0.88	54.2	6.9	7	12.55	73.6
Q935638		1.22	5.97	13.60	4.09	466	260	0.83	58.0	1.56	5.23	20.0	16.0	2	7.18	1190

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129186

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935603		2.41	18.10	0.20	3.2	0.042	2.74	23.9	21.9	0.99	651	1.21	0.06	9.0	3.9	670
Q935604		5.41	16.25	0.14	1.1	0.501	2.77	27.5	13.0	0.48	962	5.72	0.03	5.9	2.6	340
Q935605		2.66	17.60	0.17	1.3	0.194	3.10	31.3	20.4	0.52	551	2.42	0.34	7.8	2.8	570
Q935606		6.20	15.20	0.13	1.1	0.786	2.80	25.3	19.3	0.76	1720	8.77	0.12	6.3	12.3	510
Q935607		3.98	14.55	0.16	1.2	0.470	2.84	24.2	10.7	1.01	1040	3.69	0.15	6.1	2.7	470
Q935608		2.30	15.55	0.16	1.3	0.210	2.94	18.3	25.0	0.56	821	2.12	0.06	6.9	2.6	590
Q935609		2.92	16.00	0.18	1.4	0.353	2.86	24.8	18.7	0.93	942	4.83	0.04	6.8	2.8	470
Q935610		0.43	0.21	0.17	<0.1	<0.005	0.03	0.5	0.9	12.55	188	0.07	<0.01	0.1	1.5	180
Q935611		1.79	17.00	0.20	1.1	0.242	2.92	27.7	21.2	0.42	365	2.01	0.37	7.3	2.2	580
Q935612		1.83	18.30	0.21	1.1	0.341	2.96	25.0	15.0	0.42	430	1.49	1.29	8.0	2.0	570
Q935613		2.73	16.20	0.18	1.2	0.195	2.83	22.6	13.4	0.60	553	3.29	1.85	7.9	2.3	540
Q935614		3.29	16.00	0.17	1.3	0.173	2.88	25.8	21.4	0.60	595	2.74	0.83	7.4	2.2	530
Q935615		3.36	16.10	0.17	1.3	0.378	2.71	31.5	33.0	0.55	847	3.30	0.06	7.2	2.8	530
Q935616		2.78	15.75	0.18	1.3	0.112	2.88	25.9	20.2	0.53	520	2.05	0.97	7.8	2.3	550
Q935617		2.76	16.10	0.18	1.4	0.120	2.91	25.7	22.3	0.51	522	1.86	0.83	7.9	2.4	540
Q935618		2.79	16.80	0.19	1.3	0.297	2.87	24.8	35.8	0.51	754	2.52	0.10	7.8	2.4	540
Q935619		2.91	15.55	0.15	1.2	0.121	2.54	31.2	31.5	0.63	606	4.05	0.05	7.0	2.2	500
Q935620		2.52	16.75	0.16	1.3	0.149	2.23	32.6	36.5	0.49	596	0.97	0.06	7.7	2.3	580
Q935621		2.60	16.10	0.16	1.2	0.196	1.73	27.2	36.6	0.61	668	7.26	0.03	7.2	2.2	520
Q935622		5.02	15.50	0.17	1.2	0.296	2.97	28.6	27.3	0.79	1840	14.40	0.15	6.1	14.6	510
Q935623		12.55	11.55	0.14	0.6	0.614	1.40	22.8	22.7	0.75	1310	83.2	0.02	3.8	3.8	310
Q935624		4.15	13.65	0.14	0.9	0.330	2.73	23.0	16.1	0.81	1360	26.1	0.03	5.7	2.2	430
Q935625		2.83	16.30	0.16	1.0	0.421	2.83	24.2	12.3	0.88	850	5.06	0.57	6.2	2.2	540
Q935626		3.81	15.15	0.16	1.1	0.339	3.12	30.4	16.4	0.92	1560	2.24	0.05	6.8	2.0	500
Q935627		3.73	15.50	0.16	1.0	0.353	3.11	26.4	16.7	0.93	1640	1.90	0.05	6.8	2.0	490
Q935628		3.60	15.10	0.15	0.9	0.197	1.23	22.2	12.8	0.52	367	6.41	2.11	6.9	2.8	540
Q935629		2.26	16.05	0.15	1.0	0.306	1.97	31.7	26.5	0.44	525	4.27	0.09	7.0	2.0	570
Q935630		2.34	16.80	0.15	1.1	0.247	2.32	28.1	32.0	0.57	477	2.27	0.16	7.7	2.3	580
Q935631		1.91	17.35	0.17	1.1	0.349	2.21	29.4	26.0	0.62	509	0.85	0.10	7.0	2.2	590
Q935632		2.57	14.75	0.15	0.9	0.440	2.02	20.3	29.3	0.72	584	96.8	0.05	5.5	2.5	460
Q935633		4.75	18.15	0.16	2.3	0.495	2.35	24.4	110.5	1.71	1860	5.55	0.08	5.5	2.2	1140
Q935634		3.85	12.55	0.14	1.2	0.509	1.95	19.6	87.6	0.98	1040	41.6	0.04	3.5	2.3	630
Q935635		0.46	0.27	0.18	<0.1	0.011	0.03	0.6	1.4	12.60	205	0.38	0.01	0.1	1.4	190
Q935636		3.85	15.60	0.18	2.1	0.377	1.94	28.0	85.0	1.38	1440	30.5	0.05	4.9	2.8	990
Q935637		3.12	15.85	0.18	1.2	0.274	3.03	29.4	17.5	0.93	668	2.90	0.05	6.4	2.3	510
Q935638		14.15	11.45	0.15	0.6	1.295	1.93	10.1	8.7	0.75	901	37.2	0.03	3.6	3.3	300

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129186

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935603		15.4	95.0	<0.002	0.06	6.92	6.8	1	1.4	320	0.72	<0.05	8.8	0.254	2.09	4.1
Q935604		495	203	<0.002	3.88	14.80	7.8	1	9.7	53.5	0.50	0.37	10.3	0.177	2.75	3.2
Q935605		58.4	171.5	<0.002	0.78	8.01	10.4	1	1.6	130.0	0.68	0.33	16.3	0.239	2.36	2.9
Q935606		1240	169.0	0.002	4.53	65.6	9.5	2	8.0	95.6	0.53	1.29	11.8	0.209	2.51	5.3
Q935607		215	181.5	0.002	2.69	9.28	8.5	1	3.4	215	0.53	0.39	11.8	0.200	2.72	4.6
Q935608		53.1	111.0	0.002	0.83	17.50	9.3	1	1.7	154.5	0.57	0.12	10.3	0.218	2.17	4.4
Q935609		182.5	167.5	0.002	1.64	14.40	9.4	2	3.3	147.5	0.61	0.35	14.1	0.207	2.66	5.9
Q935610		2.1	1.2	<0.002	0.01	0.08	0.2	<1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
Q935611		62.9	140.5	<0.002	0.77	12.20	10.1	1	1.9	98.5	0.61	0.17	17.0	0.223	2.16	5.3
Q935612		38.6	131.5	<0.002	0.41	6.47	10.8	1	2.0	189.5	0.68	0.15	13.9	0.241	1.90	3.5
Q935613		141.5	105.0	0.002	0.44	6.28	10.2	1	1.7	278	0.64	0.09	12.6	0.233	1.32	3.4
Q935614		318	120.0	<0.002	1.22	13.65	9.9	1	2.9	183.0	0.63	0.08	13.9	0.231	1.63	4.3
Q935615		143.0	130.5	<0.002	1.19	30.3	10.1	1	4.2	97.3	0.61	<0.05	14.5	0.229	1.90	5.3
Q935616		34.6	111.0	0.002	0.36	10.75	10.1	1	1.8	173.5	0.66	0.05	13.8	0.236	1.33	3.9
Q935617		36.0	116.0	<0.002	0.32	10.90	10.3	1	2.5	161.0	0.68	0.09	14.0	0.240	1.45	4.2
Q935618		91.8	114.5	<0.002	1.09	46.9	10.6	1	3.0	115.5	0.64	0.13	13.6	0.231	1.92	3.9
Q935619		173.0	133.5	0.002	1.43	23.5	10.1	1	2.7	79.6	0.60	0.14	14.3	0.208	1.80	4.3
Q935620		51.8	105.0	<0.002	0.75	30.0	11.0	1	2.8	73.4	0.65	0.18	15.2	0.233	1.35	3.1
Q935621		61.8	81.0	0.002	0.92	45.2	9.9	1	2.4	54.9	0.63	0.20	12.8	0.219	1.43	3.9
Q935622		475	165.0	0.004	2.70	28.5	9.9	1	5.6	108.5	0.51	0.38	12.2	0.206	2.46	5.3
Q935623		481	82.2	0.006	>10.0	196.5	6.1	4	10.7	73.3	0.31	4.74	7.8	0.111	2.25	4.6
Q935624		179.5	143.0	<0.002	2.51	76.3	8.2	1	5.2	78.9	0.49	0.39	11.9	0.183	2.92	5.1
Q935625		94.5	129.5	0.002	1.02	7.64	9.7	1	4.3	140.5	0.55	0.24	14.0	0.188	2.77	4.3
Q935626		70.2	165.0	0.002	1.76	9.01	9.7	1	4.2	103.5	0.55	0.13	14.5	0.212	2.74	4.4
Q935627		65.6	153.0	<0.002	1.64	8.43	9.6	1	4.1	105.0	0.55	0.11	13.6	0.219	2.77	4.3
Q935628		34.5	57.7	0.002	2.77	3.88	9.7	3	3.6	204	0.58	0.21	12.0	0.222	0.98	3.6
Q935629		41.1	100.5	0.002	1.02	23.8	9.9	1	3.3	58.8	0.57	0.15	15.1	0.226	1.45	5.2
Q935630		57.3	107.5	<0.002	0.49	20.0	10.8	1	2.8	76.0	0.65	0.16	16.2	0.240	1.70	3.7
Q935631		57.1	112.0	<0.002	0.58	18.20	10.9	1	3.3	62.8	0.61	0.10	14.5	0.225	2.11	4.3
Q935632		156.5	117.5	0.017	1.25	19.75	9.3	1	3.1	69.1	0.52	0.28	11.5	0.182	2.04	5.0
Q935633		115.5	114.5	0.002	0.92	23.5	24.5	1	7.5	133.5	0.33	0.16	7.5	0.460	2.15	5.1
Q935634		136.5	110.0	0.003	2.32	77.8	12.9	1	6.6	138.0	0.23	0.55	5.6	0.262	2.13	7.9
Q935635		2.1	2.0	<0.002	0.01	0.34	0.2	1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q935636		118.5	104.0	0.002	1.52	97.1	20.0	1	6.0	188.5	0.30	0.99	6.6	0.411	2.18	11.1
Q935637		51.6	179.0	<0.002	1.88	21.3	9.8	1	5.5	61.6	0.57	0.67	14.0	0.196	2.77	5.8
Q935638		162.0	115.0	<0.002	>10.0	123.5	6.3	4	18.0	38.7	0.31	7.65	7.6	0.115	1.51	5.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129186

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935603		61	2.0	13.2	100	112.0
Q935604		48	7.6	9.2	534	32.3
Q935605		62	2.6	16.3	155	37.0
Q935606		59	5.7	11.5	2250	29.0
Q935607		52	4.3	13.3	447	35.2
Q935608		57	4.6	15.8	202	35.3
Q935609		60	5.1	18.5	274	38.7
Q935610		2	0.1	0.7	14	0.5
Q935611		62	1.9	14.9	143	30.9
Q935612		65	2.0	15.8	141	31.1
Q935613		60	1.7	15.9	564	34.5
Q935614		57	2.8	15.3	723	37.6
Q935615		57	6.1	15.5	597	35.8
Q935616		60	2.6	16.2	111	37.9
Q935617		61	2.6	16.0	106	38.8
Q935618		59	3.2	16.3	352	37.6
Q935619		57	4.1	14.3	174	33.4
Q935620		60	3.0	16.9	126	34.8
Q935621		60	2.1	16.0	128	33.2
Q935622		64	5.5	12.2	875	32.3
Q935623		38	4.2	11.1	882	17.1
Q935624		51	4.4	10.4	603	26.3
Q935625		58	1.9	13.2	262	25.5
Q935626		53	4.2	14.5	236	28.4
Q935627		53	4.2	15.0	249	28.2
Q935628		64	1.1	14.5	79	23.1
Q935629		60	2.4	17.3	120	26.8
Q935630		63	2.1	16.5	196	31.3
Q935631		61	1.8	18.0	200	30.2
Q935632		79	1.6	13.5	360	26.3
Q935633		183	5.1	19.9	413	93.4
Q935634		98	5.4	10.0	423	45.3
Q935635		3	0.2	0.8	17	0.5
Q935636		162	4.1	16.5	182	69.8
Q935637		58	2.4	13.9	113	30.9
Q935638		41	5.3	6.4	383	15.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129186

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

CERTIFICATE WH14129187

Project: KLAZA

P.O. No.: Batch T11

This report is for 7 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-31d	Pulverize Split - duplicate

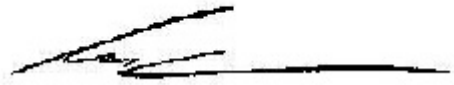
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129187

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934456		0.27	0.364	4.51	6.50	658	990	1.31	3.39	2.00	10.95	50.1	12.1	22	13.25	312
Q934457		3.65	0.071	6.15	6.83	397	1020	1.30	6.00	0.12	4.64	49.0	5.2	5	20.5	11.5
Q934458		5.48	<0.005	0.03	0.10	1.3	30	0.07	0.05	19.40	0.07	1.32	0.8	1	0.29	2.2
Q934459		3.66	0.022	1.91	7.36	62.1	1390	1.49	1.12	0.21	2.98	52.0	5.6	6	24.5	14.6
Q934598		<0.02	0.026	1.77	7.35	66.3	1460	1.54	1.14	0.18	2.71	46.7	5.5	5	21.9	13.8
Q934599		4.29	<0.005	0.23	8.07	16.6	2290	1.52	0.18	0.29	1.62	47.0	6.9	6	15.20	19.7
Q934600		4.06	<0.005	0.20	7.98	13.4	2520	1.66	0.31	0.35	2.22	60.0	10.1	7	14.15	16.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129187

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934456		4.97	15.25	0.15	1.1	0.317	2.89	29.1	24.8	0.78	1840	13.90	0.15	6.1	14.4	510
Q934457		5.51	15.75	0.15	1.5	0.203	3.24	28.4	13.1	0.22	5270	7.77	0.03	7.4	2.0	420
Q934458		0.50	0.30	0.13	<0.1	0.007	0.04	0.6	1.0	12.65	224	0.24	0.01	0.3	1.5	180
Q934459		3.55	16.60	0.18	1.6	0.168	3.55	31.1	15.4	0.28	5260	4.24	0.05	7.2	2.2	430
Q934598		3.46	17.05	0.16	1.6	0.149	3.49	27.7	15.2	0.26	5280	4.08	0.05	7.5	2.1	420
Q934599		3.22	17.15	0.16	1.7	0.061	3.29	25.5	25.0	0.23	4970	4.30	0.42	8.4	2.9	710
Q934600		3.05	18.45	0.20	1.7	0.057	3.11	27.7	27.2	0.34	3980	2.92	0.49	9.2	2.9	650

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129187

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934456		463	167.5	0.003	2.66	28.3	9.8	1	5.5	109.0	0.52	0.27	12.3	0.205	2.48	5.2
Q934457		724	179.0	<0.002	0.12	64.7	10.3	1	2.4	61.3	0.61	<0.05	12.8	0.245	2.95	6.9
Q934458		3.8	1.9	<0.002	0.03	0.31	0.2	1	<0.2	47.3	<0.05	<0.05	<0.2	0.007	0.02	0.6
Q934459		167.0	189.5	<0.002	0.09	22.3	10.4	1	1.7	63.1	0.64	<0.05	15.7	0.237	2.71	3.4
Q934598		161.5	181.0	<0.002	0.09	22.3	10.0	1	1.8	61.9	0.62	<0.05	13.6	0.230	2.55	3.2
Q934599		21.5	140.5	<0.002	0.01	15.10	11.6	1	2.0	97.8	0.71	<0.05	13.4	0.283	1.69	3.4
Q934600		24.8	141.5	<0.002	0.01	11.80	11.8	1	1.9	101.0	0.78	<0.05	15.1	0.268	1.64	3.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129187

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934456		62	5.6	11.6	858	30.7
Q934457		69	6.5	11.9	832	43.0
Q934458		3	0.1	0.8	19	1.0
Q934459		69	4.0	14.6	346	45.2
Q934598		68	3.9	13.5	341	45.4
Q934599		81	3.0	16.6	260	48.7
Q934600		75	3.0	18.5	225	49.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14129187

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

CERTIFICATE WH14131119

Project: KLAZA

P.O. No.: BATCH 203

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14131119

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934737		10.91	0.007	0.17	7.04	25.6	800	1.16	0.36	3.17	0.23	49.5	6.3	12	11.05	4.2
Q934738		9.40	<0.005	0.12	6.92	6.6	2650	1.24	0.81	2.16	0.11	48.3	4.8	13	11.05	15.5
Q934739		4.95	0.013	0.30	7.38	28.2	1480	1.32	0.58	3.04	0.51	47.4	8.0	11	9.99	6.6
Q934740		0.30	0.375	4.58	7.06	748	1160	1.45	3.46	2.14	11.00	51.7	13.1	22	14.10	323
Q934741		9.63	0.023	0.21	7.05	25.7	1610	1.39	0.27	2.68	0.31	48.5	7.4	10	9.36	4.1
Q934742		11.68	0.006	0.15	6.83	13.6	1560	1.39	0.18	3.05	0.83	42.8	7.7	13	9.81	4.6
Q934743		11.45	0.012	0.20	7.04	15.7	2040	1.48	0.28	2.84	0.26	47.7	8.3	11	13.40	5.3
Q934744		12.43	<0.005	0.33	6.59	8.1	2310	1.39	0.20	3.01	0.24	43.5	8.1	10	9.97	3.8
Q934745		6.03	<0.005	0.10	6.94	6.6	3280	1.50	0.23	2.65	0.13	41.8	8.0	13	8.14	4.4
Q934746		2.43	<0.005	0.09	6.98	5.2	3120	1.48	0.23	2.76	0.11	44.8	8.5	13	7.75	5.8
Q934747		6.89	<0.005	0.07	6.75	8.7	2640	1.68	0.32	3.53	0.13	42.1	9.2	13	12.85	3.1
Q934748		5.82	<0.005	0.07	6.80	11.9	1630	1.59	0.25	3.26	0.10	42.1	9.2	10	13.10	2.3
Q934749		4.74	0.010	0.39	7.22	131.0	1620	1.39	0.08	3.21	0.70	48.1	9.8	10	21.8	5.2
Q934750		9.26	<0.005	0.06	7.67	2.9	2210	1.50	0.06	3.45	0.10	53.9	10.0	12	13.25	6.3
Q934751		7.48	0.032	0.28	6.87	59.2	1540	1.52	0.07	3.45	1.70	45.8	8.8	10	27.4	9.2
Q934752		7.78	<0.005	0.06	7.14	5.4	2090	1.47	0.07	2.95	0.09	44.6	8.7	13	18.65	5.8
Q934753		<0.02	<0.005	0.06	7.42	5.5	2170	1.46	0.07	3.00	0.10	50.2	10.1	13	19.10	6.4
Q934754		11.35	<0.005	0.12	6.98	14.4	2100	1.58	0.11	3.05	0.13	48.4	8.8	10	27.8	9.3
Q934755		10.00	<0.005	0.24	7.60	24.1	1290	2.31	0.14	3.01	0.28	69.2	10.2	37	21.7	26.1
Q934756		4.88	0.015	0.81	7.59	32.2	1830	1.48	0.16	2.50	6.70	45.4	9.5	11	12.30	14.1
Q934757		6.21	<0.005	0.13	8.47	9.8	1900	1.46	0.16	1.43	0.60	59.3	13.7	11	12.65	5.8
Q934758		0.30	0.914	11.15	6.22	1515	850	1.42	12.15	1.82	32.0	46.3	16.9	16	13.15	277
Q934759		4.35	0.053	0.22	7.36	11.7	1930	1.53	0.46	2.61	0.12	42.3	9.6	12	12.05	10.5
Q934760		7.18	0.028	0.23	7.39	9.6	2020	1.53	0.31	2.89	0.13	47.8	9.1	12	12.10	11.6
Q934761		5.27	0.578	26.7	5.88	354	320	1.18	3.77	1.01	25.7	40.1	105.5	9	6.98	76.9
Q934762		4.60	<0.005	0.05	0.08	0.3	50	0.08	0.02	20.7	0.09	1.22	0.7	<1	0.34	2.1
Q934763		10.20	<0.005	0.11	7.52	5.0	2320	1.60	0.09	2.88	0.15	46.0	8.8	14	10.25	6.8
Q934764		5.29	<0.005	0.24	6.77	28.8	1380	1.46	0.09	3.04	0.64	42.8	7.6	10	23.5	9.1
Q934765		4.90	<0.005	0.15	6.92	16.2	2000	1.56	0.10	2.81	0.17	45.9	10.0	12	14.35	11.6
Q934766		7.51	<0.005	0.17	7.21	26.5	1530	1.47	0.17	2.08	0.24	45.3	9.8	11	13.70	10.4
Q934767		5.33	0.007	0.28	6.77	62.8	2220	1.60	0.24	3.21	0.23	50.2	6.8	11	15.20	5.2
Q934768		5.54	<0.005	0.01	0.06	0.7	30	0.05	0.04	20.4	0.08	1.19	0.6	<1	0.19	2.0
Q934769		9.15	<0.005	0.09	7.27	5.0	1860	1.39	0.17	2.06	0.10	42.7	6.6	12	15.95	6.6
Q934770		11.30	<0.005	0.17	7.28	7.8	2530	1.42	0.41	1.81	0.15	41.9	6.6	11	12.20	5.1
Q934771		7.99	<0.005	0.26	7.10	11.9	1780	1.55	0.69	2.34	0.25	42.5	24.2	9	10.10	3.5
Q934772		6.74	<0.005	0.11	7.26	4.1	1840	1.41	0.28	1.81	0.14	46.6	5.9	11	10.05	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14131119

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934737		3.33	13.60	0.13	1.2	0.046	2.93	27.9	18.1	1.05	2690	2.01	0.27	6.4	2.2	530
Q934738		2.13	13.30	0.13	1.5	0.050	2.71	26.9	12.7	0.72	725	1.36	1.01	5.3	1.8	330
Q934739		3.80	15.10	0.13	1.0	0.094	3.11	24.9	50.2	1.15	1930	0.66	0.35	6.4	2.4	600
Q934740		5.07	16.00	0.16	1.2	0.325	3.09	28.2	26.9	0.80	1940	14.65	0.16	6.5	14.3	550
Q934741		3.68	15.85	0.15	1.0	0.090	2.99	25.1	29.7	0.86	2000	0.65	0.87	6.9	2.2	600
Q934742		3.36	15.10	0.14	1.1	0.054	2.76	20.5	21.1	0.93	1550	0.82	1.26	7.0	1.9	600
Q934743		2.92	15.40	0.15	1.2	0.038	2.50	23.3	17.1	0.87	812	0.75	1.67	7.1	2.5	620
Q934744		2.91	15.50	0.14	1.2	0.039	2.24	21.1	17.1	0.93	1140	0.56	1.53	7.3	2.2	580
Q934745		2.91	15.15	0.13	1.2	0.036	2.32	20.1	11.0	0.72	909	0.96	2.52	7.5	2.0	620
Q934746		3.05	15.30	0.13	1.2	0.034	2.20	21.5	11.8	0.73	878	0.86	2.60	7.6	2.2	630
Q934747		3.25	15.95	0.12	1.2	0.038	2.14	19.3	25.0	0.95	1240	0.85	1.62	8.0	2.2	660
Q934748		3.00	15.50	0.15	1.1	0.106	3.20	21.2	18.8	1.07	1440	0.81	0.31	6.9	1.8	580
Q934749		3.44	16.30	0.15	1.2	0.102	2.97	24.3	59.3	1.01	2320	1.02	0.23	7.4	2.2	650
Q934750		3.53	17.15	0.15	1.2	0.045	2.43	26.4	25.4	1.10	867	1.24	2.21	8.0	2.7	740
Q934751		3.09	15.60	0.15	1.2	0.063	2.85	22.7	129.5	1.01	1860	1.13	0.52	7.3	1.9	590
Q934752		3.04	16.30	0.15	1.1	0.040	2.48	21.3	14.7	0.85	706	1.03	2.14	7.5	2.3	650
Q934753		3.22	16.85	0.16	1.3	0.040	2.56	24.3	15.1	0.90	731	1.22	2.23	7.7	2.3	670
Q934754		3.04	16.35	0.15	1.2	0.041	2.60	23.2	91.8	0.83	704	1.45	1.59	7.7	2.2	650
Q934755		3.08	19.65	0.17	3.9	0.040	2.72	33.0	344	1.31	841	1.61	0.10	11.7	14.2	1550
Q934756		3.95	16.10	0.15	1.0	0.080	3.09	22.4	18.8	0.90	2040	7.66	0.88	7.5	2.0	670
Q934757		3.60	18.55	0.16	1.1	0.077	2.80	31.2	39.4	0.63	1040	0.91	0.17	8.9	2.0	740
Q934758		6.26	13.45	0.12	1.0	0.731	2.79	25.3	20.6	0.74	1720	8.68	0.12	5.8	11.1	520
Q934759		3.86	15.45	0.11	1.0	0.061	2.63	21.5	21.9	1.04	933	1.67	1.57	7.3	3.0	700
Q934760		3.80	15.05	0.11	0.9	0.084	2.86	25.2	15.6	0.97	995	1.94	1.49	7.0	2.6	660
Q934761		6.51	12.45	0.10	0.7	1.900	2.88	21.8	20.1	0.46	1470	3.01	0.08	5.3	3.1	490
Q934762		0.48	0.23	0.08	<0.1	0.008	0.04	0.6	1.1	12.75	208	0.07	0.01	0.2	1.4	190
Q934763		3.43	15.30	0.12	0.9	0.036	2.65	23.3	22.5	0.98	774	1.44	2.10	7.2	2.6	680
Q934764		3.33	14.60	0.10	0.9	0.068	2.88	21.9	61.2	0.95	1780	0.73	0.62	6.7	2.2	630
Q934765		3.29	14.80	0.10	0.9	0.047	2.59	23.6	30.0	0.91	979	1.22	1.36	7.0	2.6	620
Q934766		3.59	15.95	0.11	1.0	0.101	2.79	22.9	36.2	0.74	1920	1.96	0.35	7.4	2.7	670
Q934767		3.81	13.85	0.12	0.7	0.179	3.08	27.9	40.7	1.16	2780	1.59	0.06	6.1	2.3	580
Q934768		0.47	0.19	0.09	<0.1	0.005	0.03	0.6	0.9	12.35	214	0.08	0.01	0.1	1.3	170
Q934769		3.56	15.30	0.13	1.0	0.058	2.60	21.5	35.4	0.73	906	1.06	0.94	7.5	2.6	680
Q934770		3.47	15.10	0.09	0.8	0.097	2.63	21.6	27.3	0.67	1160	0.70	0.59	7.3	2.3	670
Q934771		3.88	14.40	0.09	0.8	0.148	2.80	22.3	44.5	0.92	1910	0.56	0.13	7.0	2.9	630
Q934772		3.23	14.60	0.10	1.0	0.052	2.48	24.2	28.5	0.62	791	0.63	0.93	7.2	2.7	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14131119

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934737		14.4	154.0	<0.002	0.45	7.07	8.8	<1	2.0	104.0	0.61	<0.05	13.4	0.228	2.02	4.1
Q934738		8.6	131.0	<0.002	0.18	5.47	5.7	<1	1.8	249	0.69	<0.05	20.4	0.150	1.63	5.8
Q934739		35.0	162.5	<0.002	0.48	5.25	10.4	<1	2.4	134.5	0.53	<0.05	12.5	0.254	2.10	3.7
Q934740		493	167.0	0.003	2.83	29.1	9.6	1	5.7	113.5	0.52	0.30	11.7	0.208	2.53	5.3
Q934741		23.9	142.0	<0.002	0.51	3.91	11.6	1	2.4	160.0	0.49	<0.05	12.4	0.254	2.07	3.3
Q934742		32.6	113.5	0.002	0.30	3.40	11.2	<1	1.7	188.0	0.54	<0.05	12.2	0.263	1.82	4.0
Q934743		46.2	100.5	<0.002	0.07	5.42	11.6	1	1.7	268	0.53	<0.05	13.3	0.264	1.36	3.2
Q934744		23.5	89.5	<0.002	0.16	9.68	11.6	1	1.7	237	0.60	<0.05	12.5	0.246	1.28	3.2
Q934745		19.8	88.0	<0.002	0.10	5.00	11.6	1	1.5	381	0.63	<0.05	11.8	0.262	1.13	3.6
Q934746		17.8	82.6	<0.002	0.09	4.94	11.6	1	1.5	391	0.63	<0.05	12.4	0.261	1.10	4.3
Q934747		14.3	72.6	<0.002	0.11	9.44	12.8	1	1.6	341	0.61	<0.05	10.4	0.286	1.15	4.0
Q934748		7.7	140.0	0.002	0.45	5.09	11.6	<1	1.6	135.0	0.58	<0.05	11.4	0.249	1.93	4.3
Q934749		46.4	133.0	<0.002	0.53	8.37	12.6	1	1.7	231	0.52	<0.05	12.1	0.275	2.30	4.4
Q934750		16.1	91.9	<0.002	0.02	1.54	15.1	1	1.6	441	0.59	<0.05	13.8	0.324	0.99	3.9
Q934751		49.9	115.0	<0.002	0.19	9.99	12.2	1	1.8	279	0.60	<0.05	12.1	0.265	2.01	4.4
Q934752		17.7	88.0	<0.002	0.02	2.02	12.3	1	1.5	428	0.57	<0.05	11.2	0.281	1.11	3.5
Q934753		18.1	94.2	<0.002	0.02	2.12	13.1	1	1.5	440	0.61	<0.05	13.5	0.293	1.10	4.2
Q934754		21.4	88.2	<0.002	0.05	6.83	12.3	1	1.7	408	0.61	<0.05	12.1	0.280	1.34	3.8
Q934755		14.8	83.2	<0.002	0.05	24.2	8.2	1	1.4	307	0.70	<0.05	8.4	0.415	1.43	4.1
Q934756		283	131.0	<0.002	0.40	7.65	12.5	1	2.6	219	0.56	<0.05	12.1	0.294	1.98	4.2
Q934757		37.6	126.0	0.002	0.21	17.25	14.7	1	2.0	128.5	0.70	<0.05	14.1	0.312	1.58	2.6
Q934758		1250	161.5	<0.002	4.46	62.0	8.5	2	7.6	95.3	0.49	1.11	11.6	0.198	2.44	5.4
Q934759		19.6	104.0	<0.002	0.27	3.79	12.8	1	1.7	295	0.56	<0.05	10.9	0.306	1.35	3.8
Q934760		17.6	127.5	<0.002	0.20	4.03	12.1	1	2.1	313	0.54	<0.05	12.0	0.293	1.61	3.9
Q934761		616	174.5	<0.002	5.88	38.8	9.3	1	8.4	57.4	0.42	1.16	9.1	0.219	2.06	4.3
Q934762		2.1	2.2	<0.002	0.01	0.11	0.2	<1	<0.2	52.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q934763		18.2	90.7	<0.002	0.03	2.25	12.1	<1	1.6	441	0.56	<0.05	11.0	0.299	1.06	3.9
Q934764		37.1	117.5	<0.002	0.07	9.03	11.3	1	1.6	240	0.52	<0.05	11.2	0.282	1.83	3.5
Q934765		19.0	100.5	<0.002	0.06	4.52	12.1	1	1.5	308	0.57	<0.05	12.1	0.277	1.30	3.7
Q934766		18.6	116.0	<0.002	0.28	14.85	12.7	1	1.9	167.0	0.59	<0.05	12.3	0.296	1.67	3.1
Q934767		21.1	171.0	<0.002	0.36	8.88	10.7	1	1.8	184.0	0.48	<0.05	11.5	0.250	2.36	3.8
Q934768		1.5	1.4	<0.002	<0.01	0.21	0.2	<1	<0.2	50.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q934769		15.4	95.9	<0.002	0.03	9.20	12.7	1	1.6	204	0.62	<0.05	11.4	0.304	1.32	3.0
Q934770		18.2	114.0	<0.002	0.14	10.15	12.7	1	1.6	153.0	0.56	<0.05	10.6	0.298	1.56	2.1
Q934771		17.1	122.0	<0.002	0.44	10.55	12.6	1	1.6	114.5	0.56	0.05	11.0	0.292	1.93	2.5
Q934772		16.0	92.9	<0.002	0.01	11.20	12.5	1	1.5	221	0.60	<0.05	11.3	0.289	1.11	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14131119

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934737		62	2.7	11.6	77	34.4
Q934738		52	1.4	8.5	47	40.6
Q934739		77	2.5	11.0	111	27.4
Q934740		66	5.7	12.6	884	31.9
Q934741		75	2.7	11.2	101	26.8
Q934742		76	2.7	10.4	140	26.3
Q934743		76	1.8	10.3	71	32.2
Q934744		74	1.7	11.6	84	31.8
Q934745		76	1.4	11.0	66	30.6
Q934746		77	1.6	11.5	70	29.8
Q934747		85	1.6	11.3	89	29.0
Q934748		75	1.9	13.6	49	26.2
Q934749		82	3.9	15.6	96	29.3
Q934750		100	2.7	18.6	66	30.5
Q934751		78	2.6	17.0	175	28.3
Q934752		81	0.9	15.1	60	27.9
Q934753		87	0.9	16.3	63	30.3
Q934754		83	1.3	15.3	59	29.7
Q934755		82	3.6	14.1	104	152.5
Q934756		87	3.4	15.1	655	24.5
Q934757		91	6.1	16.3	99	25.4
Q934758		60	5.5	11.1	2320	27.4
Q934759		91	1.6	14.9	70	23.7
Q934760		85	1.6	16.1	69	22.0
Q934761		65	4.0	9.4	2220	17.5
Q934762		2	0.1	0.8	19	<0.5
Q934763		88	0.7	16.0	66	21.5
Q934764		81	3.4	14.2	106	23.9
Q934765		81	4.8	15.2	70	23.0
Q934766		85	4.8	16.1	76	23.5
Q934767		76	3.5	15.3	64	17.9
Q934768		1	0.1	0.8	17	<0.5
Q934769		87	3.0	15.4	65	24.6
Q934770		84	3.1	14.3	72	19.8
Q934771		84	3.0	14.7	94	19.9
Q934772		82	2.8	15.6	65	22.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14131119

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

CERTIFICATE WH14132986

Project: KLAZA

P.O. No.: BATCH D01

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132986

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934501		10.23	<0.005	0.07	7.53	16.7	890	2.29	0.16	5.09	0.07	67.2	6.4	17	26.8	8.3
Q934502		10.46	<0.005	0.09	7.49	4.9	2150	1.64	0.14	2.52	0.08	51.8	7.3	10	16.30	9.4
Q934503		10.33	<0.005	0.12	6.55	23.0	1220	2.45	0.36	2.42	0.28	51.1	5.1	18	33.8	9.3
Q934504		10.31	<0.005	0.36	6.22	13.7	2010	1.59	0.18	1.94	2.38	34.7	7.6	7	25.5	12.2
Q934505		10.24	<0.005	0.11	7.03	5.7	2080	1.59	0.13	2.67	0.13	48.3	7.1	11	11.70	8.7
Q934506		10.27	<0.005	0.21	7.43	13.7	2470	1.25	0.17	1.11	0.38	43.5	7.1	7	13.20	8.9
Q934507		<0.02	0.005	0.20	7.71	13.7	2910	1.22	0.14	1.21	0.45	55.4	7.3	7	13.90	8.9
Q934508		10.64	<0.005	0.12	7.27	9.0	1740	1.26	0.28	2.08	0.16	45.8	7.7	7	11.45	14.6
Q934509		10.47	<0.005	0.08	7.07	5.1	2150	1.64	0.08	2.73	0.08	47.1	7.7	10	8.66	10.4
Q934510		10.20	<0.005	0.05	7.14	11.7	1670	1.67	0.08	2.02	0.07	44.0	7.2	8	25.5	7.7
Q934511		10.92	<0.005	0.09	7.37	9.4	2120	1.53	0.14	2.95	0.10	48.9	9.6	12	13.20	23.9
Q934512		10.29	<0.005	0.10	7.50	16.4	1980	2.01	0.30	1.39	0.08	41.0	5.9	6	24.4	7.0
Q934513		4.78	<0.005	<0.01	0.08	<0.2	40	0.06	0.03	20.3	0.05	1.43	0.6	<1	0.29	1.4
Q934514		9.46	<0.005	0.06	7.37	3.5	2130	1.58	0.14	2.77	0.11	52.8	7.3	11	12.65	6.3
Q934515		11.52	<0.005	0.01	6.65	13.1	460	2.01	0.03	2.61	0.07	51.0	4.6	12	37.0	3.8
Q934516		10.43	<0.005	0.11	5.98	9.6	70	2.51	0.19	0.12	0.32	18.00	0.3	1	27.7	0.8
Q934517		10.56	<0.005	0.13	7.03	7.1	2140	1.48	0.08	2.43	0.11	46.7	7.6	9	8.61	5.4
Q934518		11.02	<0.005	0.06	7.07	6.1	2210	1.66	0.06	2.55	0.06	46.0	7.0	10	6.57	5.4
Q934519		11.86	<0.005	0.06	7.58	4.2	2210	1.60	0.09	2.59	0.06	55.7	6.9	13	4.29	4.9
Q934520		9.11	0.006	0.22	6.87	6.5	2210	1.44	0.08	2.50	0.16	45.3	6.9	9	14.85	12.4
Q934521		7.19	0.006	6.30	6.69	19.7	1660	1.96	0.51	2.62	1.85	46.2	5.9	7	30.6	13.5
Q934522		11.01	0.007	0.08	7.00	17.8	740	1.84	0.21	3.02	0.10	52.4	6.2	7	32.7	6.6
Q934523		10.05	<0.005	0.13	7.46	6.7	2210	1.46	0.19	2.41	0.11	53.4	6.8	8	14.85	9.4
Q934524		3.89	<0.005	0.22	6.92	13.2	1200	1.67	0.11	1.46	0.32	47.9	5.3	7	30.2	12.6
Q934525		2.16	<0.005	0.23	6.81	13.5	940	1.71	0.11	1.41	0.35	46.2	5.5	6	28.5	16.3
Q934526		10.57	0.013	0.35	8.19	26.8	2550	1.82	0.27	0.80	1.06	70.7	8.0	7	9.04	16.2
Q934527		0.30	0.923	11.15	6.14	1500	250	1.44	11.70	1.79	32.3	45.2	16.9	16	12.95	285
Q934528		9.87	0.012	0.12	7.29	16.7	1940	1.50	0.57	0.82	0.46	58.2	6.5	7	14.80	4.0
Q934529		9.58	0.005	0.41	6.50	58.3	1840	1.87	0.10	2.67	0.32	43.5	7.2	7	29.9	6.9
Q934530		0.33	0.330	4.56	6.47	690	720	1.39	3.39	1.96	10.60	52.4	11.7	21	12.95	306
Q934531		7.75	<0.005	0.05	7.09	10.1	2160	1.66	0.07	2.60	0.08	49.3	7.3	11	8.32	7.1
Q934532		7.64	<0.005	0.12	6.51	20.2	2040	1.51	0.16	2.75	0.17	41.9	5.2	7	15.40	1.4
Q934533		5.53	<0.005	<0.01	0.08	<0.2	20	0.06	0.02	19.40	0.06	1.32	0.6	<1	0.23	1.1
Q934534		9.60	<0.005	0.05	7.06	9.5	1930	1.59	0.07	2.33	0.06	49.1	6.9	9	7.50	6.0
Q934535		9.88	<0.005	0.05	6.99	10.1	2010	1.62	0.07	2.53	0.06	50.2	7.8	10	8.55	5.4
Q934536		7.46	<0.005	0.17	7.19	18.9	2330	1.45	0.24	2.56	0.06	47.1	5.0	8	11.60	7.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132986

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934501		2.54	18.05	0.15	2.5	0.031	2.70	34.2	117.0	1.89	570	1.25	0.42	9.0	14.8	770
Q934502		3.00	15.20	0.12	0.9	0.038	2.84	25.4	17.5	0.79	661	2.56	2.31	7.8	2.8	610
Q934503		2.06	17.10	0.11	2.7	0.030	2.81	24.1	93.3	0.83	822	1.19	0.06	9.7	12.5	690
Q934504		2.92	14.95	0.11	1.0	0.038	2.93	15.8	78.6	0.61	1820	0.69	0.14	7.6	2.7	580
Q934505		2.86	14.75	0.13	1.1	0.035	2.80	22.9	17.8	0.76	775	0.81	2.15	7.5	2.6	590
Q934506		2.87	15.60	0.09	1.4	0.045	2.53	19.6	47.0	0.35	1090	0.58	0.09	8.7	2.8	620
Q934507		2.97	16.10	0.10	1.3	0.047	2.57	27.2	46.6	0.37	1180	0.58	0.09	9.0	2.7	640
Q934508		3.14	16.25	0.10	1.5	0.044	2.89	21.5	29.7	0.48	850	1.49	0.12	8.4	2.6	650
Q934509		3.00	15.20	0.11	1.2	0.036	2.61	22.2	15.7	0.81	690	0.65	2.16	7.7	3.2	610
Q934510		3.05	15.75	0.10	1.4	0.032	2.71	20.4	122.0	0.58	730	1.19	0.67	8.1	2.7	630
Q934511		3.39	15.85	0.13	1.2	0.044	2.81	22.9	14.8	0.99	1060	3.57	2.00	8.2	3.7	720
Q934512		2.46	17.05	0.09	1.7	0.040	3.00	19.0	51.9	0.29	583	2.32	0.33	12.1	2.6	500
Q934513		0.46	0.24	0.18	<0.1	<0.005	0.03	0.7	1.5	12.25	211	0.05	0.01	0.2	1.4	200
Q934514		3.04	15.65	0.14	1.3	0.042	2.86	25.8	10.2	0.86	916	0.92	2.08	7.9	2.8	630
Q934515		2.25	17.25	0.15	1.8	0.024	2.83	23.5	27.9	0.82	734	0.31	0.08	8.8	6.6	800
Q934516		0.37	17.20	0.08	2.9	0.016	2.44	7.7	59.1	0.09	172	0.88	0.03	23.3	0.4	30
Q934517		2.83	15.00	0.11	0.9	0.037	2.80	21.8	13.1	0.75	1080	0.80	2.25	7.5	2.6	570
Q934518		2.82	15.50	0.11	1.0	0.034	2.70	21.4	19.7	0.76	674	1.07	2.37	8.0	2.7	580
Q934519		2.90	15.85	0.12	1.0	0.037	2.81	27.4	15.2	0.79	678	0.96	2.43	8.0	2.9	590
Q934520		2.98	15.55	0.11	0.9	0.041	2.98	20.9	13.9	0.71	746	0.85	2.08	7.4	2.6	560
Q934521		2.52	16.80	0.12	3.0	0.039	2.93	21.3	88.3	0.84	1190	0.73	0.05	9.5	3.6	710
Q934522		2.56	17.20	0.12	3.3	0.030	3.02	25.0	73.6	1.01	592	0.52	0.05	10.0	4.4	740
Q934523		3.12	15.20	0.13	1.3	0.050	2.97	27.1	15.4	0.78	754	0.89	1.97	7.7	2.4	640
Q934524		2.40	14.95	0.11	1.4	0.039	3.03	23.4	221	0.51	839	0.62	0.13	7.7	2.2	580
Q934525		2.40	14.60	0.10	1.4	0.040	2.93	22.6	226	0.52	859	0.68	0.15	7.8	2.2	570
Q934526		3.65	17.10	0.13	1.3	0.100	3.44	30.5	14.7	0.45	1060	0.82	1.44	8.2	4.3	650
Q934527		6.30	14.50	0.11	1.0	0.776	2.90	21.8	19.0	0.73	1720	8.21	0.12	6.1	12.0	520
Q934528		3.44	15.35	0.11	1.1	0.172	3.12	30.9	19.3	0.39	1050	0.77	0.93	7.6	2.5	570
Q934529		2.33	17.55	0.13	3.3	0.031	4.26	19.8	28.4	0.59	587	1.65	0.11	10.2	4.5	740
Q934530		4.82	14.50	0.11	1.0	0.312	2.96	29.0	24.7	0.74	1790	15.30	0.15	5.9	14.4	490
Q934531		2.90	15.70	0.13	1.2	0.041	2.84	23.3	14.8	0.79	653	2.26	2.23	8.0	2.9	580
Q934532		2.88	15.10	0.11	1.0	0.106	2.68	19.4	25.1	0.74	1180	0.61	1.55	7.7	2.4	570
Q934533		0.46	0.27	0.21	<0.1	<0.005	0.03	0.6	1.1	11.90	205	0.08	0.01	0.2	1.4	160
Q934534		2.83	15.15	0.15	1.1	0.042	2.61	23.6	14.9	0.71	639	0.70	2.21	7.7	2.8	570
Q934535		2.86	15.35	0.13	1.1	0.046	2.77	23.3	13.5	0.76	590	0.73	2.17	7.8	2.6	580
Q934536		2.97	16.20	0.13	1.0	0.096	3.24	24.2	26.9	0.85	870	0.78	0.45	7.4	3.6	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132986

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934501		25.4	105.0	<0.002	0.01	6.43	6.1	1	1.4	493	0.69	<0.05	10.9	0.273	0.95	4.0
Q934502		19.2	107.5	<0.002	0.02	1.89	10.5	1	1.6	393	0.60	<0.05	13.4	0.264	1.04	3.4
Q934503		21.9	111.0	<0.002	0.06	12.30	5.5	1	1.5	402	0.66	<0.05	8.9	0.264	1.59	10.9
Q934504		178.5	90.9	<0.002	0.08	15.45	9.9	1	1.6	171.0	0.63	<0.05	9.7	0.255	1.71	3.2
Q934505		20.0	99.2	<0.002	0.02	1.45	10.2	1	1.3	372	0.62	<0.05	13.2	0.256	1.07	4.1
Q934506		28.1	103.0	0.002	0.06	29.5	11.0	1	1.6	109.5	0.78	<0.05	13.2	0.272	1.14	3.1
Q934507		28.3	113.0	<0.002	0.07	30.2	11.5	1	1.7	115.5	0.77	<0.05	15.0	0.280	1.19	3.5
Q934508		17.7	103.0	<0.002	0.02	16.00	11.0	1	2.1	83.0	0.69	<0.05	12.4	0.283	1.27	2.8
Q934509		18.0	85.2	<0.002	0.02	1.45	10.5	1	1.4	381	0.58	<0.05	11.6	0.266	0.91	3.4
Q934510		15.8	100.5	<0.002	0.09	8.25	11.1	1	1.5	241	0.69	<0.05	11.8	0.276	1.51	3.2
Q934511		17.9	110.0	<0.002	0.04	3.23	12.9	1	1.6	375	0.68	<0.05	12.8	0.309	1.28	4.2
Q934512		18.7	126.5	0.002	0.02	10.10	9.4	1	2.0	125.5	1.11	<0.05	14.2	0.219	1.41	3.5
Q934513		1.6	1.5	<0.002	<0.01	0.10	0.2	<1	<0.2	48.2	<0.05	<0.05	0.3	<0.005	<0.02	0.6
Q934514		22.7	116.0	<0.002	0.03	2.09	11.1	1	1.4	365	0.67	<0.05	14.0	0.262	1.24	4.7
Q934515		14.4	110.0	<0.002	0.01	6.96	5.5	<1	1.2	328	0.62	<0.05	7.9	0.267	1.52	4.0
Q934516		64.2	168.5	<0.002	0.02	22.9	2.2	<1	2.4	98.6	2.38	<0.05	21.8	0.031	1.49	8.4
Q934517		18.0	95.4	<0.002	0.03	2.17	9.8	1	1.5	341	0.57	<0.05	12.4	0.240	1.09	3.4
Q934518		18.2	96.2	<0.002	0.01	1.14	9.8	1	1.5	406	0.66	<0.05	12.8	0.248	0.98	4.1
Q934519		17.7	102.5	<0.002	0.01	1.12	10.1	1	1.4	405	0.61	<0.05	15.3	0.253	0.95	4.2
Q934520		19.6	102.0	<0.002	0.05	3.24	9.9	1	1.5	365	0.53	<0.05	11.1	0.243	1.17	3.3
Q934521		526	90.7	<0.002	0.10	31.2	7.6	1	2.6	308	0.72	<0.05	8.6	0.279	1.82	4.9
Q934522		19.2	106.5	<0.002	0.02	18.35	7.3	1	1.3	489	0.74	<0.05	9.2	0.282	1.75	5.2
Q934523		19.7	121.5	<0.002	0.02	4.24	11.1	1	1.6	366	0.63	<0.05	16.2	0.265	1.19	5.1
Q934524		15.1	121.5	<0.002	0.07	27.7	9.2	1	1.4	210	0.68	<0.05	13.9	0.244	1.58	3.5
Q934525		12.0	114.5	<0.002	0.06	27.4	9.3	1	1.4	211	0.70	<0.05	13.4	0.240	1.55	3.2
Q934526		25.0	152.5	<0.002	<0.01	3.62	13.1	1	1.6	202	0.68	<0.05	16.6	0.275	1.64	5.9
Q934527		1215	154.0	0.002	4.45	61.8	8.9	1	7.5	91.8	0.50	1.02	10.7	0.204	2.52	5.0
Q934528		9.0	151.0	<0.002	0.07	11.65	10.2	1	1.5	92.6	0.62	<0.05	15.2	0.249	2.31	3.3
Q934529		19.2	182.5	<0.002	0.18	21.2	7.0	<1	1.3	343	0.77	<0.05	8.2	0.285	4.31	6.2
Q934530		459	162.0	0.005	2.59	26.6	8.8	1	5.3	105.0	0.48	0.40	11.7	0.195	2.42	5.0
Q934531		15.9	102.0	<0.002	0.02	1.83	10.5	1	1.5	380	0.65	<0.05	12.2	0.260	1.03	3.8
Q934532		12.4	112.5	<0.002	0.13	6.27	9.5	1	1.3	198.5	0.62	<0.05	10.4	0.253	1.96	4.4
Q934533		1.4	1.6	<0.002	<0.01	0.07	0.2	<1	<0.2	48.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
Q934534		13.8	106.5	<0.002	0.02	4.00	10.2	<1	1.4	346	0.60	<0.05	13.3	0.252	1.05	3.7
Q934535		15.1	99.9	<0.002	0.02	2.39	10.2	1	1.3	375	0.61	<0.05	11.6	0.253	1.02	3.7
Q934536		14.2	129.5	<0.002	0.14	9.65	9.8	<1	1.5	179.5	0.60	<0.05	11.2	0.267	1.78	6.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132986

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934501		53	1.9	13.0	63	85.8
Q934502		69	1.8	16.1	52	20.8
Q934503		49	5.4	11.6	71	94.0
Q934504		73	3.9	12.3	159	28.4
Q934505		70	1.3	15.7	52	29.0
Q934506		68	7.4	14.4	81	34.8
Q934507		70	7.2	16.8	84	34.3
Q934508		79	4.1	14.5	57	45.3
Q934509		74	1.7	15.3	53	32.4
Q934510		78	2.8	14.4	55	39.1
Q934511		93	2.8	17.2	69	32.6
Q934512		60	3.3	14.7	56	40.4
Q934513		2	0.1	0.8	16	<0.5
Q934514		76	1.8	17.3	57	34.3
Q934515		47	2.2	10.9	62	52.3
Q934516		2	1.9	15.4	34	51.1
Q934517		67	0.9	15.6	57	22.3
Q934518		66	1.6	16.4	52	24.6
Q934519		66	0.8	17.0	49	25.0
Q934520		65	3.5	14.0	58	23.9
Q934521		67	3.1	13.0	236	113.5
Q934522		67	2.1	13.2	61	124.0
Q934523		76	3.2	17.2	56	38.5
Q934524		64	3.2	12.6	71	39.0
Q934525		65	3.3	12.4	74	38.0
Q934526		75	5.8	17.3	133	36.9
Q934527		60	5.5	10.6	2340	28.6
Q934528		68	5.6	15.5	79	29.2
Q934529		68	9.9	12.2	65	124.0
Q934530		63	5.3	11.4	838	30.1
Q934531		69	1.0	16.6	49	32.9
Q934532		65	2.8	13.2	55	26.9
Q934533		2	0.1	0.8	16	<0.5
Q934534		69	1.3	16.2	42	30.0
Q934535		69	1.0	16.1	44	29.6
Q934536		72	5.1	15.8	54	22.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132986

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

CERTIFICATE WH14132987

Project: KLAZA

P.O. No.: BATCH 202

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132987

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934701		5.77	<0.005	0.13	6.92	16.0	1800	1.38	0.50	2.01	0.21	38.0	6.4	9	18.50	5.0
Q934702		5.69	<0.005	0.13	6.00	13.8	2280	1.39	0.20	3.55	0.22	37.6	6.8	8	15.95	6.7
Q934703		5.66	<0.005	0.34	6.58	21.6	1910	1.24	0.14	3.66	0.66	42.2	7.2	8	19.00	7.0
Q934704		0.23	0.397	4.46	6.35	700	390	1.50	3.38	2.01	10.35	42.3	12.3	21	12.65	310
Q934705		3.88	<0.005	0.66	7.14	118.0	2140	1.51	2.99	2.69	0.93	45.8	7.8	11	20.7	7.7
Q934706		7.21	<0.005	0.09	6.67	9.7	2080	1.57	0.21	2.78	0.14	41.8	7.0	9	17.80	6.6
Q934707		6.95	<0.005	0.20	6.84	16.0	1960	1.63	0.19	3.07	0.31	46.8	7.0	8	21.7	7.7
Q934708		8.31	<0.005	0.10	6.67	14.9	2240	1.66	0.37	3.07	0.23	40.7	7.2	9	20.0	6.6
Q934709		7.30	<0.005	0.13	6.37	16.8	2230	1.47	0.43	3.15	0.56	38.9	7.3	8	22.1	8.5
Q934710		2.83	<0.005	0.13	6.57	18.7	2250	1.42	0.48	2.86	0.58	40.2	7.0	7	21.8	12.7
Q934711		1.48	0.016	0.65	6.27	71.2	3040	1.78	0.49	2.80	2.59	46.4	9.0	6	33.3	9.1
Q934712		7.44	<0.005	0.03	6.33	8.8	1160	1.73	0.13	3.56	0.23	47.4	3.8	4	41.5	3.2
Q934713		8.23	<0.005	0.06	6.86	9.1	1370	1.74	0.40	2.61	0.17	49.5	4.1	4	42.2	6.0
Q934714		9.01	<0.005	0.11	6.73	11.2	1830	1.58	0.43	2.71	0.20	42.2	6.9	8	32.8	9.1
Q934715		9.23	0.012	1.43	6.66	104.5	1860	1.58	1.20	3.32	11.95	50.3	7.1	6	20.2	14.4
Q934716		4.96	<0.005	0.02	0.10	0.8	40	0.07	0.03	21.7	0.10	1.47	0.6	<1	0.53	1.5
Q934717		9.35	0.005	0.61	6.69	45.3	1750	1.61	1.20	2.55	4.28	41.3	7.2	8	21.0	8.0
Q934718		4.45	<0.005	0.20	7.21	12.6	2070	1.54	0.57	2.59	0.30	48.9	7.6	9	20.7	9.8
Q934719		7.70	<0.005	0.13	7.20	12.5	2190	1.65	0.46	3.11	0.21	47.1	9.1	12	25.2	8.8
Q934720		2.25	<0.005	0.34	6.26	19.9	1960	1.38	0.22	4.53	0.15	44.3	8.1	6	29.2	10.1
Q934721		5.11	<0.005	10.40	7.22	14.2	1060	1.66	21.4	2.70	0.48	42.7	7.6	8	34.4	59.6
Q934722		0.22	0.919	11.80	6.21	1585	140	1.37	12.10	1.85	33.0	43.0	17.2	17	14.00	285
Q934723		10.54	0.006	3.88	6.77	129.0	1590	1.52	6.85	3.60	0.67	45.1	7.8	6	38.1	16.4
Q934724		9.57	0.062	1.48	6.83	68.4	1790	1.79	0.37	3.21	4.42	45.8	8.6	7	31.1	10.4
Q934725		<0.02	0.080	1.47	6.53	82.5	1730	1.66	0.43	3.08	3.03	43.0	8.5	7	30.3	10.2
Q934726		12.39	<0.005	0.15	6.56	19.7	2350	2.09	0.18	2.47	0.21	40.8	4.5	10	31.2	5.6
Q934727		10.88	0.760	4.75	6.14	1210	580	1.62	0.31	1.73	4.06	36.4	3.2	6	14.85	10.1
Q934728		4.77	0.039	2.30	6.88	362	740	1.45	0.89	3.32	2.33	50.2	9.8	4	23.2	22.6
Q934729		5.24	<0.005	0.02	0.09	0.9	60	0.09	0.04	21.2	0.09	1.29	0.6	1	0.52	5.0
Q934730		7.82	<0.005	0.43	6.74	39.8	2710	1.24	1.17	3.09	0.70	45.1	7.7	5	19.90	11.6
Q934731		8.93	<0.005	0.07	7.48	6.8	2590	1.37	0.54	2.20	0.36	45.3	8.6	6	15.05	7.6
Q934732		11.61	<0.005	0.13	6.85	12.8	1830	1.48	0.68	2.59	0.20	42.6	8.3	7	14.85	7.0
Q934733		10.19	<0.005	0.08	7.30	8.4	1630	1.43	0.67	2.73	0.23	48.0	8.7	6	11.35	4.1
Q934734		7.07	<0.005	0.07	6.80	5.8	1770	1.57	0.27	2.84	0.12	42.7	8.5	7	9.56	5.4
Q934735		7.76	<0.005	0.15	6.77	10.3	2290	1.44	0.44	3.50	0.23	46.1	8.2	6	12.70	5.9
Q934736		10.96	<0.005	0.08	6.85	6.4	3260	1.60	0.46	2.76	0.12	42.3	7.7	7	13.75	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132987

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934701		2.90	14.70	0.06	1.3	0.055	2.66	18.0	24.5	0.57	704	0.53	1.47	7.6	2.5	630
Q934702		2.97	13.35	0.05	1.0	0.036	2.36	19.1	16.6	0.97	829	0.42	1.54	6.3	3.6	540
Q934703		3.20	14.50	0.06	1.2	0.038	2.39	20.7	25.1	0.84	810	0.44	1.66	7.2	3.0	610
Q934704		4.93	15.90	0.11	1.1	0.304	2.98	24.0	24.3	0.74	1800	13.75	0.15	5.9	15.4	500
Q934705		3.19	16.40	0.06	1.2	0.084	2.68	21.9	24.5	0.64	676	0.76	2.30	8.1	2.9	640
Q934706		2.99	15.05	0.07	1.3	0.040	2.63	20.4	16.0	0.65	686	0.71	2.09	7.7	2.7	590
Q934707		2.97	15.50	0.07	1.3	0.040	2.60	23.8	16.2	0.73	766	0.61	1.96	7.8	2.6	590
Q934708		2.97	15.65	0.07	1.5	0.040	2.66	19.2	17.6	0.66	683	1.57	2.15	8.4	2.7	600
Q934709		2.96	15.15	0.08	1.2	0.046	2.82	18.8	28.7	0.73	910	2.57	1.73	7.4	2.5	590
Q934710		2.80	15.30	0.07	1.2	0.042	2.79	19.6	33.9	0.67	823	1.87	1.70	7.4	2.5	600
Q934711		2.74	15.55	0.09	1.3	0.056	2.81	23.6	48.2	0.89	2080	1.84	0.52	7.5	2.6	610
Q934712		2.39	17.50	0.08	2.0	0.040	2.58	22.3	38.9	0.59	584	1.43	0.58	9.0	1.9	800
Q934713		2.61	17.65	0.09	2.0	0.036	2.64	23.6	46.9	0.68	628	0.80	0.62	8.8	2.2	830
Q934714		3.03	15.95	0.08	1.4	0.050	2.85	19.8	31.2	0.70	839	0.91	1.63	8.0	2.7	630
Q934715		2.99	14.70	0.09	1.3	0.074	3.10	27.0	12.8	1.03	3560	1.80	0.04	7.5	2.6	580
Q934716		0.49	0.31	0.08	<0.1	0.008	0.04	0.7	1.0	13.20	221	0.05	0.01	0.2	1.5	190
Q934717		2.97	15.85	0.09	1.5	0.068	3.22	20.2	26.9	0.70	1760	1.00	0.89	8.4	2.6	590
Q934718		3.21	16.60	0.10	1.3	0.045	3.11	25.5	18.1	0.68	876	3.22	1.51	8.1	2.9	650
Q934719		3.53	16.70	0.09	1.3	0.054	2.81	22.7	21.0	0.95	839	1.69	2.23	7.8	3.5	710
Q934720		2.79	15.40	0.08	1.2	0.039	2.34	22.7	61.6	1.03	865	1.29	1.24	7.4	2.6	560
Q934721		3.09	16.30	0.06	1.4	0.060	1.58	20.1	54.2	0.82	1140	2.04	1.80	7.9	3.2	770
Q934722		6.44	14.90	0.09	1.0	0.807	2.90	21.9	19.1	0.73	1780	9.04	0.12	6.2	12.3	530
Q934723		2.69	16.05	0.08	1.2	0.070	2.62	22.5	57.1	0.76	1270	0.84	0.45	7.8	2.6	600
Q934724		3.05	15.85	0.08	1.4	0.084	2.79	23.3	32.0	0.76	1250	1.68	0.72	8.0	3.4	590
Q934725		2.90	15.50	0.09	1.3	0.064	2.69	22.2	31.4	0.72	1180	2.20	0.69	7.6	3.4	570
Q934726		2.15	18.30	0.07	2.6	0.038	2.43	19.6	54.5	0.78	724	0.85	0.05	10.2	4.4	650
Q934727		1.92	16.95	0.07	3.2	0.078	1.47	18.1	98.8	0.55	1300	3.38	0.03	14.3	3.7	490
Q934728		3.45	16.60	0.09	1.2	0.123	3.14	26.7	22.0	1.03	4760	0.70	0.03	7.0	3.5	590
Q934729		0.50	0.30	0.08	<0.1	0.009	0.04	0.6	0.8	12.90	232	0.11	0.01	0.2	1.7	180
Q934730		2.90	15.05	0.10	1.2	0.046	2.58	24.3	36.4	1.06	1740	0.22	0.03	6.7	2.4	560
Q934731		3.16	15.75	0.15	1.2	0.047	2.01	22.3	52.4	0.80	1200	0.15	0.04	7.8	2.5	670
Q934732		2.88	15.15	0.16	1.1	0.045	2.41	21.3	29.9	0.93	955	0.21	0.68	6.9	2.4	610
Q934733		3.20	15.55	0.16	1.2	0.048	2.33	24.1	44.8	0.96	1100	0.14	0.29	7.4	2.4	620
Q934734		2.85	14.70	0.15	1.2	0.039	2.17	20.8	15.8	0.74	775	0.17	2.06	7.0	2.3	630
Q934735		2.92	14.60	0.16	1.1	0.034	2.38	23.4	39.1	1.16	1050	0.15	0.71	7.1	2.5	600
Q934736		2.91	14.65	0.14	1.1	0.039	2.41	20.6	24.3	0.75	1030	0.15	1.58	7.4	2.4	600

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132987

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934701		21.3	92.9	<0.002	0.02	9.09	10.2	<1	1.6	271	0.66	<0.05	11.2	0.278	1.05	4.2
Q934702		24.3	86.9	<0.002	0.18	10.60	9.2	<1	1.4	370	0.53	<0.05	10.2	0.242	1.10	2.9
Q934703		65.2	79.2	<0.002	0.02	54.4	10.1	1	3.3	414	0.64	<0.05	10.8	0.270	0.94	3.1
Q934704		481	161.5	0.004	2.63	27.3	10.3	1	5.4	113.0	0.49	0.26	10.4	0.206	2.41	4.8
Q934705		42.5	94.0	<0.002	0.02	5.83	10.7	1	1.9	434	0.66	<0.05	11.8	0.295	1.01	3.4
Q934706		24.0	92.3	<0.002	0.03	6.48	10.3	1	1.6	423	0.77	<0.05	11.4	0.262	1.04	4.4
Q934707		33.4	100.5	<0.002	0.22	19.15	10.7	1	2.1	367	0.74	<0.05	13.0	0.265	1.14	5.5
Q934708		22.7	91.8	<0.002	0.04	3.75	10.3	1	1.5	441	0.85	<0.05	11.2	0.266	1.02	5.0
Q934709		29.6	99.3	<0.002	0.11	6.44	10.4	<1	1.5	440	0.61	<0.05	10.8	0.259	1.39	3.5
Q934710		29.6	102.0	<0.002	0.08	14.00	10.4	1	1.8	433	0.59	<0.05	10.9	0.258	1.26	3.2
Q934711		125.0	118.0	<0.002	0.33	13.65	9.5	1	1.5	471	0.66	<0.05	11.5	0.257	1.90	5.1
Q934712		23.0	85.6	<0.002	0.02	8.79	4.9	<1	1.3	505	0.65	<0.05	7.8	0.292	1.60	4.8
Q934713		22.8	93.4	<0.002	0.03	10.20	4.9	<1	1.3	437	0.68	<0.05	8.4	0.305	1.58	4.2
Q934714		23.9	107.5	<0.002	0.02	5.71	10.5	<1	2.0	458	0.71	<0.05	11.4	0.272	1.40	3.9
Q934715		365	151.5	<0.002	0.81	17.95	10.1	1	1.7	209	0.73	<0.05	13.3	0.247	2.42	9.3
Q934716		3.2	2.4	<0.002	<0.01	0.98	0.3	<1	<0.2	53.3	<0.05	<0.05	0.2	0.005	0.03	0.9
Q934717		135.5	133.5	<0.002	0.30	7.88	10.7	1	1.6	269	0.94	<0.05	13.0	0.263	2.04	5.7
Q934718		28.2	131.5	<0.002	0.11	4.78	12.4	1	1.9	313	0.66	<0.05	13.8	0.278	1.59	3.9
Q934719		25.8	105.0	<0.002	0.04	6.56	14.1	1	2.0	461	0.63	<0.05	12.2	0.319	1.28	3.6
Q934720		23.6	88.4	<0.002	0.16	5.21	11.0	<1	1.9	424	0.61	<0.05	11.1	0.251	1.50	4.9
Q934721		308	60.8	<0.002	0.04	8.64	12.9	2	2.1	321	0.67	0.47	10.9	0.313	1.13	3.8
Q934722		1315	151.5	<0.002	4.56	63.6	9.2	1	7.6	97.2	0.51	1.12	10.7	0.210	2.57	5.2
Q934723		112.5	92.9	<0.002	0.28	10.25	11.2	1	2.2	340	0.70	0.15	12.1	0.264	2.03	3.8
Q934724		185.0	106.0	<0.002	0.38	7.83	10.7	1	1.7	328	0.73	<0.05	13.2	0.257	1.66	4.9
Q934725		174.5	100.0	<0.002	0.37	8.01	10.2	1	1.7	319	0.68	<0.05	12.3	0.251	1.60	4.9
Q934726		29.6	74.9	<0.002	0.09	9.48	6.5	1	2.6	463	0.84	<0.05	7.0	0.255	1.81	4.3
Q934727		760	48.2	<0.002	0.27	22.3	3.5	<1	2.1	452	1.29	<0.05	7.9	0.167	1.25	19.7
Q934728		154.0	182.5	<0.002	1.57	18.70	11.2	<1	2.5	194.0	0.57	0.05	10.9	0.258	2.81	6.0
Q934729		2.2	2.7	<0.002	0.01	0.42	0.2	<1	0.2	52.0	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q934730		27.7	133.0	<0.002	0.26	12.80	10.7	<1	1.9	169.5	0.58	<0.05	11.6	0.245	1.87	6.2
Q934731		15.1	65.7	<0.002	0.07	15.40	12.1	1	1.7	198.0	0.65	<0.05	11.9	0.286	1.12	2.4
Q934732		16.7	88.1	<0.002	0.10	13.80	11.5	1	1.7	176.0	0.55	<0.05	11.3	0.259	1.46	3.6
Q934733		15.4	80.6	<0.002	0.06	9.76	11.7	1	1.8	167.0	0.62	<0.05	12.5	0.263	1.33	2.5
Q934734		15.7	73.4	<0.002	0.05	4.62	11.7	1	1.4	268	0.50	<0.05	11.2	0.273	1.15	2.3
Q934735		16.3	85.2	<0.002	0.12	11.20	10.7	1	1.5	195.5	0.58	<0.05	11.5	0.254	1.47	3.8
Q934736		16.0	87.2	<0.002	0.09	5.31	10.8	1	2.0	290	0.53	<0.05	11.9	0.267	1.29	3.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132987

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934701		74	2.9	13.6	71	31.6
Q934702		77	2.8	13.4	69	26.0
Q934703		80	4.6	15.7	73	30.1
Q934704		64	5.6	11.8	874	30.9
Q934705		77	1.6	15.4	118	31.8
Q934706		72	2.4	14.2	65	32.4
Q934707		72	1.7	15.8	65	33.7
Q934708		74	1.6	15.2	69	35.3
Q934709		73	2.2	13.9	102	30.9
Q934710		70	2.3	13.8	96	31.4
Q934711		70	2.0	14.0	214	36.2
Q934712		43	1.4	11.0	101	60.9
Q934713		44	1.6	10.4	89	57.6
Q934714		75	2.2	14.4	76	34.9
Q934715		68	2.6	15.3	1040	33.3
Q934716		2	0.1	0.9	19	0.6
Q934717		71	2.5	15.2	473	35.8
Q934718		79	1.8	16.0	78	33.8
Q934719		96	1.9	16.5	76	33.2
Q934720		74	1.2	16.5	51	32.2
Q934721		92	3.1	14.4	165	36.9
Q934722		62	5.9	10.9	2400	28.7
Q934723		72	3.7	14.8	118	29.9
Q934724		72	2.6	15.2	424	37.1
Q934725		69	2.4	14.2	299	35.4
Q934726		55	1.9	12.8	79	81.9
Q934727		25	2.9	14.1	375	104.5
Q934728		79	5.5	13.3	265	31.1
Q934729		2	0.1	0.8	17	0.5
Q934730		78	2.3	15.6	142	32.7
Q934731		81	2.6	13.1	136	35.8
Q934732		78	1.9	11.4	91	32.4
Q934733		77	1.6	11.8	102	35.1
Q934734		75	1.2	10.4	67	34.8
Q934735		72	1.4	11.6	80	32.0
Q934736		74	1.7	11.2	79	32.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132987

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2014
Account: ROCKHA

CERTIFICATE WH14132988

Project: KLAZA

P.O. No.: BATCH 200

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132988

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934625		3.73	0.117	0.28	7.65	97.2	740	1.81	2.37	3.80	2.27	53.7	13.1	14	30.7	34.6
Q934626		4.86	0.006	0.09	8.12	12.2	2050	1.60	0.32	4.45	0.15	55.7	16.6	17	17.45	14.4
Q934627		1.65	0.047	0.15	7.80	27.0	1820	1.60	3.53	3.88	0.20	52.3	16.4	15	17.10	25.6
Q934628		6.50	0.059	0.57	8.16	136.5	1060	1.78	7.67	3.65	0.75	52.6	14.7	18	26.8	97.7
Q934629		0.78	0.506	2.14	7.74	227	570	2.15	7.16	2.20	1.22	55.4	10.9	15	21.6	154.5
Q934630		1.31	<0.005	0.10	7.72	34.7	1490	2.14	0.28	2.90	0.14	73.4	6.9	22	13.35	14.4
Q934631		1.48	0.667	1.79	5.26	853	390	1.81	6.83	4.71	0.75	43.8	7.4	10	17.00	63.2
Q934632		4.14	<0.005	0.02	0.08	0.8	30	0.10	0.05	21.4	0.07	1.19	0.7	<1	0.38	1.9
Q934633		3.21	0.041	0.50	6.05	42.3	860	2.61	2.77	0.71	0.35	20.5	1.7	4	21.7	16.3
Q934634		4.84	0.006	0.35	6.84	19.0	500	1.89	1.08	2.89	0.36	43.9	5.4	11	22.6	12.5
Q934635		3.47	0.078	0.70	7.49	78.4	1710	1.69	3.98	3.45	4.13	51.1	15.2	12	17.45	99.6
Q934636		<0.02	0.078	0.69	7.39	80.5	1640	1.71	3.61	3.37	4.11	54.1	14.7	13	17.50	100.5
Q934637		6.84	0.050	0.29	7.90	44.7	2040	1.53	2.60	4.11	0.27	55.0	15.0	15	14.20	45.1
Q934638		6.99	0.175	0.49	7.76	47.9	1360	1.52	4.14	3.21	0.31	52.4	13.5	14	11.55	83.3
Q934639		1.21	4.20	15.75	5.69	344	330	1.02	30.5	1.94	1.88	38.2	14.0	10	8.27	1770
Q934640		7.25	0.343	0.57	7.96	74.9	1450	1.65	12.20	3.33	0.35	54.7	13.6	13	17.35	81.1
Q934641		0.26	0.902	11.70	6.64	1590	1160	1.43	12.90	1.89	32.7	48.8	17.9	16	13.90	283
Q934642		3.00	0.788	0.90	7.25	273	1100	1.41	6.80	4.00	0.87	76.2	20.1	10	19.10	117.5
Q934643		5.61	0.268	0.69	7.61	189.5	1010	1.49	10.90	3.58	0.32	56.4	15.8	12	21.0	76.6
Q934644		3.77	0.061	0.55	7.82	38.6	990	1.60	13.60	3.51	0.20	46.9	8.9	14	13.25	103.5
Q934645		1.92	0.064	0.65	8.00	38.2	970	1.62	14.55	3.53	0.25	51.0	9.5	14	12.60	103.0
Q934646		3.41	0.086	0.54	7.80	56.1	1690	1.79	11.15	3.82	0.19	57.3	18.4	14	9.75	79.0
Q934647		5.49	<0.005	0.01	0.11	<0.2	30	0.07	0.09	20.4	0.07	1.32	0.8	<1	0.22	1.6
Q934648		9.06	0.039	0.29	8.11	34.7	1960	1.58	4.03	4.08	0.17	53.2	15.9	12	18.05	54.7
Q934649		0.26	0.363	4.21	6.75	723	990	1.31	3.30	2.06	10.45	50.1	12.8	22	13.30	312
Q934650		8.41	0.023	0.24	8.05	15.6	1820	1.52	3.80	4.51	0.17	64.4	16.4	14	11.30	56.1
Q935186		3.45	0.835	3.71	7.03	338	1240	1.36	0.95	1.88	6.48	49.8	13.1	6	11.75	73.8
Q935187		4.65	<0.005	0.19	7.77	21.6	1330	1.24	0.15	0.95	0.35	60.3	5.5	9	17.10	13.8
Q935188		2.05	0.176	16.05	6.02	396	980	1.23	0.62	2.23	6.34	42.6	6.1	9	10.20	26.5
Q935189		2.49	0.193	10.10	6.83	624	2230	1.46	0.14	2.36	2.55	41.5	4.0	11	16.90	32.6
Q935190		3.97	0.016	0.37	7.48	36.6	2220	1.44	0.10	2.56	0.12	45.6	5.3	12	10.30	14.7
Q935191		3.20	0.078	0.89	7.23	152.5	1740	1.47	0.37	2.23	0.99	48.4	7.9	12	13.05	23.0
Q935192		3.89	0.274	14.10	6.87	219	2030	1.30	0.35	2.07	2.32	50.5	5.0	11	15.25	47.4
Q935193		3.42	<0.005	0.68	6.89	16.8	4460	1.37	0.16	1.70	1.26	46.7	4.5	9	20.5	15.4
Q935194		7.25	<0.005	0.11	7.58	7.6	2440	1.46	0.16	2.57	0.11	57.6	6.0	11	12.70	14.0
Q935195		5.21	0.212	28.8	6.95	549	1350	1.39	0.52	1.82	25.3	48.0	5.6	15	15.95	37.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132988

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934625		4.14	16.75	0.17	0.7	0.391	2.75	25.8	23.9	1.49	1040	2.73	0.09	7.2	6.3	1280
Q934626		4.79	17.50	0.17	0.8	0.088	2.31	26.9	18.8	1.91	904	2.48	2.37	7.6	7.3	1380
Q934627		4.94	17.05	0.15	0.8	0.150	2.42	24.0	15.3	1.63	735	2.16	1.87	7.2	6.6	1340
Q934628		5.33	17.10	0.17	0.7	0.165	2.67	26.4	21.1	1.61	915	2.31	0.54	7.1	6.7	1350
Q934629		6.01	17.55	0.18	1.0	0.254	3.46	26.8	10.8	1.05	1180	6.71	0.05	6.8	6.7	1260
Q934630		2.80	17.95	0.17	3.6	0.040	2.34	38.0	54.7	1.17	650	3.11	0.09	11.2	7.4	1340
Q934631		4.10	13.40	0.16	2.1	0.100	2.27	23.2	23.3	1.92	1680	3.11	0.04	6.8	4.5	750
Q934632		0.48	0.26	0.09	<0.1	0.006	0.04	0.6	1.3	13.15	229	0.09	0.01	0.2	1.3	160
Q934633		0.77	17.05	0.15	2.7	0.049	2.07	9.2	45.1	0.35	258	13.05	0.06	18.8	1.3	130
Q934634		1.84	17.75	0.17	3.7	0.034	2.92	22.1	37.6	0.96	567	1.20	0.05	8.3	5.3	620
Q934635		4.69	17.65	0.17	1.2	0.236	2.52	24.4	21.6	1.38	757	2.06	1.28	7.8	6.6	1220
Q934636		4.67	17.00	0.16	1.1	0.229	2.52	25.7	20.9	1.34	760	2.21	1.28	7.8	6.4	1210
Q934637		4.45	17.05	0.16	1.1	0.158	2.25	26.1	19.5	1.57	812	1.80	1.81	8.1	6.6	1210
Q934638		4.63	17.95	0.15	0.8	0.212	2.30	23.7	16.4	1.55	492	1.71	1.58	7.5	5.8	1110
Q934639		9.41	14.65	0.15	0.6	0.512	2.52	18.4	7.8	1.08	424	1.69	0.04	3.6	4.7	820
Q934640		5.37	18.20	0.16	0.8	0.129	2.72	26.9	14.1	1.66	772	1.49	1.12	7.8	6.4	1220
Q934641		6.29	15.10	0.16	1.0	0.791	2.92	25.2	19.1	0.78	1800	8.95	0.13	6.4	11.8	550
Q934642		5.39	17.10	0.17	0.7	0.181	3.03	45.5	9.6	1.80	2530	2.88	0.05	6.5	6.6	1050
Q934643		5.07	16.40	0.16	0.8	0.194	2.62	27.8	14.3	1.55	752	2.54	0.22	6.6	6.9	1100
Q934644		5.16	18.15	0.15	1.0	0.332	2.05	20.3	19.3	1.74	590	1.01	1.23	7.5	5.6	1230
Q934645		5.28	18.05	0.15	1.0	0.315	2.10	23.5	18.0	1.72	595	1.14	1.25	7.5	5.5	1200
Q934646		5.35	17.80	0.16	1.0	0.181	2.42	27.4	12.6	1.87	745	1.61	1.80	7.8	6.7	1200
Q934647		0.49	0.22	0.07	<0.1	0.005	0.03	0.6	1.0	12.55	216	0.10	0.01	0.2	1.5	180
Q934648		4.73	17.40	0.16	1.0	0.150	2.36	27.1	16.7	1.46	764	1.62	1.63	7.9	6.4	1240
Q934649		4.91	15.15	0.15	1.0	0.317	2.95	28.2	24.6	0.78	1880	16.35	0.15	6.1	14.0	520
Q934650		4.51	17.15	0.16	1.2	0.139	2.10	34.2	18.8	1.72	777	2.80	1.57	7.8	6.9	1190
Q935186		5.83	16.20	0.16	1.0	0.259	3.37	24.0	12.8	0.73	2470	1.45	0.03	8.7	3.1	730
Q935187		2.29	16.40	0.16	1.0	0.053	2.46	32.8	86.2	0.41	1040	0.73	0.06	7.9	2.1	600
Q935188		4.17	13.50	0.16	0.7	0.165	3.15	22.5	17.3	0.80	3040	1.22	0.04	6.1	2.2	440
Q935189		2.85	15.20	0.17	0.9	0.076	3.32	20.2	21.9	0.59	1160	0.92	1.23	7.4	2.3	570
Q935190		3.07	15.80	0.16	0.9	0.056	3.03	23.0	12.8	0.79	889	1.19	1.99	7.7	3.3	580
Q935191		3.88	15.75	0.16	0.9	0.142	3.32	24.8	13.9	0.71	1530	1.17	1.12	7.5	2.8	570
Q935192		3.44	14.10	0.17	0.8	0.102	3.83	26.7	16.9	0.66	2910	1.16	0.54	6.8	2.3	550
Q935193		3.02	15.20	0.16	0.9	0.086	3.50	24.3	44.2	0.62	1780	1.00	0.15	7.0	2.3	540
Q935194		2.93	16.05	0.15	0.9	0.055	3.01	30.1	10.4	0.81	688	1.12	2.27	7.7	2.6	600
Q935195		3.67	15.55	0.16	0.8	0.166	3.34	25.5	86.9	0.63	2360	2.23	0.13	7.1	2.6	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132988

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934625		23.0	121.5	0.002	1.76	14.60	19.0	1	5.1	214	0.46	0.26	9.9	0.417	2.88	4.5
Q934626		15.2	82.6	0.002	0.13	1.74	19.8	1	1.9	627	0.51	<0.05	11.2	0.436	1.36	3.8
Q934627		16.8	95.0	<0.002	1.00	5.07	18.6	1	4.1	556	0.49	0.34	10.6	0.428	1.90	3.5
Q934628		42.4	119.5	<0.002	1.70	13.65	18.7	1	6.5	329	0.46	0.66	10.2	0.426	2.48	4.4
Q934629		69.0	208	0.002	6.09	30.5	17.3	1	8.0	326	0.43	0.52	9.8	0.374	4.46	5.5
Q934630		12.4	85.0	<0.002	0.08	10.55	6.4	<1	1.3	488	0.67	<0.05	8.7	0.352	1.66	5.2
Q934631		58.6	147.0	<0.002	3.07	25.1	6.5	1	3.5	376	0.43	0.91	6.8	0.226	2.84	4.0
Q934632		1.6	2.1	<0.002	0.01	0.27	0.2	<1	0.2	49.7	<0.05	<0.05	<0.2	<0.005	0.04	0.5
Q934633		66.5	106.5	<0.002	0.36	34.0	3.3	1	3.1	151.5	2.02	0.13	18.3	0.056	1.69	14.8
Q934634		25.2	118.5	<0.002	0.13	9.31	6.1	1	1.2	285	0.64	<0.05	9.8	0.232	2.71	4.3
Q934635		63.9	91.5	<0.002	2.00	6.46	18.1	2	5.4	470	0.54	1.06	11.3	0.390	2.02	4.5
Q934636		61.4	91.7	<0.002	1.98	5.83	17.1	1	5.2	467	0.52	0.94	11.6	0.388	1.93	4.3
Q934637		20.1	77.6	<0.002	0.93	2.71	17.6	1	3.9	524	0.55	0.24	11.9	0.399	1.51	4.5
Q934638		21.1	98.8	<0.002	2.11	3.20	16.8	1	7.5	357	0.47	0.33	8.8	0.359	2.29	3.4
Q934639		118.0	146.0	0.002	9.01	8.90	11.6	1	7.9	60.9	0.25	0.96	8.3	0.208	2.32	3.1
Q934640		24.8	118.5	<0.002	2.00	4.61	18.0	1	7.8	328	0.53	0.33	12.5	0.399	2.83	3.8
Q934641		1280	160.0	<0.002	4.76	64.0	9.4	2	7.7	97.7	0.50	1.27	11.5	0.206	2.67	5.3
Q934642		31.2	170.0	<0.002	4.02	16.45	15.2	1	6.9	188.0	0.46	0.81	10.8	0.326	3.73	4.0
Q934643		32.3	134.5	<0.002	2.38	8.04	15.6	1	6.1	203	0.45	0.65	12.4	0.333	2.80	4.4
Q934644		25.7	85.5	<0.002	1.88	9.10	18.0	1	6.9	338	0.48	1.15	11.6	0.381	2.40	4.3
Q934645		28.3	99.9	<0.002	2.01	8.07	17.8	1	6.7	342	0.48	1.05	12.5	0.390	2.45	4.4
Q934646		24.7	98.1	<0.002	2.19	2.71	18.3	1	4.9	468	0.54	1.59	12.3	0.395	2.02	4.8
Q934647		1.4	1.2	<0.002	0.03	0.09	0.2	<1	<0.2	48.1	<0.05	<0.05	<0.2	0.006	0.02	0.6
Q934648		17.5	94.1	<0.002	1.39	6.17	18.1	1	3.6	519	0.53	0.73	13.1	0.399	1.56	4.0
Q934649		468	156.5	0.005	2.72	27.4	9.2	1	5.4	109.0	0.47	0.27	11.2	0.204	2.47	5.0
Q934650		18.3	81.0	<0.002	1.01	2.46	18.0	1	4.1	507	0.52	0.97	12.1	0.401	1.40	4.0
Q935186		201	202	<0.002	5.41	32.0	13.9	1	2.4	45.4	0.60	0.13	11.2	0.277	3.08	4.3
Q935187		15.6	113.0	<0.002	0.10	37.3	10.6	1	1.5	85.2	0.59	<0.05	15.3	0.252	1.48	3.2
Q935188		398	186.5	<0.002	3.17	40.3	8.2	1	1.9	53.7	0.46	0.05	10.6	0.200	2.71	4.3
Q935189		298	136.0	<0.002	0.59	39.2	10.2	1	1.7	241	0.59	<0.05	12.2	0.245	1.93	3.6
Q935190		20.4	122.5	<0.002	0.08	4.13	10.4	1	1.5	341	0.59	<0.05	13.0	0.246	1.37	4.1
Q935191		117.0	159.0	<0.002	1.15	9.59	10.3	1	2.0	229	0.60	<0.05	13.2	0.243	2.03	4.2
Q935192		99.3	169.0	<0.002	1.33	35.1	9.3	1	1.5	151.0	0.51	<0.05	12.4	0.245	2.38	4.0
Q935193		43.3	145.0	<0.002	0.24	19.15	9.5	1	1.7	142.0	0.54	<0.05	12.4	0.222	2.40	3.6
Q935194		17.8	119.0	<0.002	0.02	2.70	10.8	1	1.3	386	0.56	<0.05	15.3	0.255	1.29	4.0
Q935195		3050	156.0	<0.002	1.66	41.5	9.7	1	2.3	118.0	0.49	<0.05	12.3	0.235	2.47	5.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132988

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934625		160	3.9	20.0	172	15.3
Q934626		176	1.0	20.4	56	16.9
Q934627		166	1.5	19.2	59	17.9
Q934628		169	5.0	18.6	108	15.6
Q934629		150	10.6	15.1	142	31.3
Q934630		66	1.5	12.1	72	162.0
Q934631		62	4.0	13.7	86	85.9
Q934632		3	0.2	0.8	17	0.5
Q934633		14	1.8	11.3	55	57.6
Q934634		50	2.0	11.5	72	144.5
Q934635		148	4.2	18.7	360	39.0
Q934636		147	4.1	19.2	367	40.9
Q934637		151	2.7	20.0	73	36.3
Q934638		133	3.2	18.1	60	23.9
Q934639		93	6.8	9.6	155	17.3
Q934640		147	4.2	18.2	78	25.5
Q934641		62	5.8	12.1	2350	29.9
Q934642		128	7.8	16.4	106	23.7
Q934643		127	5.0	17.3	64	29.3
Q934644		155	3.4	18.9	63	35.5
Q934645		153	3.0	18.7	66	35.2
Q934646		150	2.0	19.3	63	34.3
Q934647		3	0.1	0.8	17	<0.5
Q934648		152	2.8	19.1	66	31.3
Q934649		64	5.4	12.2	838	31.4
Q934650		148	2.8	22.3	57	37.6
Q935186		95	13.2	13.8	432	26.1
Q935187		62	6.4	14.4	65	24.3
Q935188		52	11.4	10.4	591	17.9
Q935189		65	3.2	14.2	300	23.3
Q935190		68	3.1	16.1	59	24.4
Q935191		67	13.2	15.3	163	23.2
Q935192		62	8.2	13.2	210	21.0
Q935193		61	15.4	12.9	135	21.6
Q935194		68	2.1	16.6	50	23.4
Q935195		63	11.1	13.0	2140	23.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132988

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	LOG-21	LOG-21d	LOG-23
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

CERTIFICATE WH14132989

Project: KLAZA

P.O. No.: BATCH 204

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

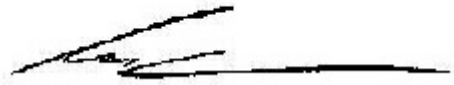
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132989

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935196		3.35	0.098	2.21	7.14	230	1160	1.48	0.12	1.69	5.89	46.0	6.3	9	16.85	9.2
Q935197		3.85	<0.005	0.20	7.20	9.9	2320	1.50	0.19	2.61	0.15	71.6	6.5	11	13.05	9.6
Q935198		1.35	0.073	9.54	6.41	61.0	1980	1.12	0.24	3.81	3.55	46.7	4.9	8	13.15	27.1
Q935199		3.50	<0.005	0.11	7.71	4.2	2370	1.48	0.07	2.78	0.11	53.9	7.6	11	13.50	6.7
Q935200		1.37	<0.005	0.18	7.27	32.3	1490	1.55	0.09	1.71	0.16	41.8	5.6	9	21.9	9.1
Q935201		1.55	0.137	8.66	7.33	107.0	1700	1.63	0.28	2.65	7.07	49.7	6.9	13	19.85	23.1
Q935202		0.31	0.848	11.80	6.64	1575	1080	1.42	12.20	1.91	31.2	45.4	17.7	16	13.90	289
Q935203		2.28	2.38	57.7	4.16	4050	330	1.08	0.65	4.03	112.5	29.7	6.3	5	10.05	93.8
Q935204		3.24	0.014	1.06	6.97	150.0	1180	1.70	0.42	2.41	0.51	45.3	10.1	9	21.6	11.2
Q935205		7.87	0.037	2.70	7.10	48.0	1970	1.51	0.30	2.24	1.94	45.0	6.2	10	19.45	16.6
Q935206		1.71	0.825	98.5	6.62	549	770	2.14	1.84	2.17	51.3	47.7	8.1	8	22.8	191.5
Q935207		2.72	<0.005	0.21	7.00	17.7	560	1.75	0.21	3.12	0.23	47.2	5.6	7	29.1	5.7
Q935208		2.08	0.211	>100	7.05	255	390	1.65	0.75	2.23	38.6	49.6	9.9	8	22.6	82.4
Q935209		4.15	<0.005	0.25	0.09	0.9	30	0.06	0.02	21.0	0.20	1.19	0.6	1	0.24	2.0
Q935210		3.39	0.093	13.95	7.25	161.5	1840	1.53	0.31	2.19	19.20	50.1	8.4	9	21.0	33.4
Q935211		2.09	0.028	1.09	7.33	39.0	980	1.52	0.24	2.54	1.53	49.8	8.1	8	22.3	15.0
Q935212		2.15	<0.005	0.37	7.76	9.5	2110	1.38	1.25	1.61	0.31	47.0	8.0	10	22.9	29.4
Q935213		1.78	0.225	12.95	6.91	408	1400	1.44	0.37	3.64	29.9	51.4	8.5	8	17.25	39.8
Q935214		4.80	<0.005	0.38	7.10	51.0	2000	1.50	0.32	2.71	0.38	51.4	31.0	9	14.70	8.9
Q935215		<0.02	<0.005	0.53	7.31	49.8	2050	1.54	0.37	2.77	0.39	52.9	32.0	10	15.30	10.7
Q935216		1.56	0.022	1.44	6.56	80.7	930	1.60	0.25	2.93	0.99	47.5	11.5	10	23.4	15.5
Q935217		2.65	0.011	1.33	7.01	57.7	2490	1.63	0.92	2.59	0.95	43.2	7.2	9	17.35	7.5
Q935218		8.36	0.007	0.29	7.25	20.6	2160	1.51	0.14	2.48	0.22	45.7	6.8	10	15.55	8.1
Q935219		2.51	0.101	10.45	6.89	111.0	1380	1.72	0.63	2.67	7.60	47.8	6.8	9	23.5	32.4
Q935220		5.19	<0.005	0.02	0.14	0.5	40	0.13	0.03	21.1	0.08	1.14	0.6	1	2.11	1.4
Q935221		2.64	0.011	0.52	6.76	37.7	1340	1.64	0.30	2.73	0.80	43.3	6.9	8	27.7	15.1
Q935222		2.69	<0.005	0.23	6.44	50.2	1010	1.78	0.14	2.75	0.15	37.7	6.3	8	28.7	6.6
Q935223		1.58	0.013	1.15	6.99	31.5	1690	1.57	0.50	2.03	0.51	43.9	9.4	14	16.90	18.0
Q935224		3.17	<0.005	0.07	7.68	9.1	1830	1.27	0.14	1.73	0.18	44.7	6.3	9	15.70	6.2
Q935225		1.90	0.078	2.20	7.00	50.3	1620	1.70	0.74	3.16	1.69	46.9	8.6	8	14.25	10.4
Q935226		4.53	0.047	1.09	6.30	35.2	2130	1.38	0.18	3.11	2.67	36.8	6.1	10	16.65	12.7
Q935227		0.31	0.343	4.38	6.63	698	550	1.31	3.25	2.04	10.70	50.8	11.7	24	13.40	312
Q935228		1.85	0.056	2.71	6.72	88.7	1770	1.66	0.55	2.86	2.92	42.6	29.6	10	18.35	21.3
Q935229		0.91	0.023	2.22	6.77	42.2	1900	1.45	0.35	2.82	2.15	41.2	5.1	10	16.40	14.5
Q935230		4.80	<0.005	0.07	7.00	15.7	2130	1.50	0.12	2.55	0.10	43.7	5.9	10	11.30	1.9
Q935231		1.47	0.080	4.21	6.47	99.7	2050	1.38	0.49	3.57	4.91	46.9	8.4	11	15.85	36.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132989

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935196		3.75	15.50	0.17	0.9	0.082	4.08	23.3	21.5	0.56	3320	1.06	0.07	7.8	2.7	580
Q935197		2.85	16.05	0.16	0.8	0.042	2.91	37.9	12.7	0.74	812	1.15	2.15	7.9	2.7	580
Q935198		2.88	13.55	0.15	0.8	0.057	2.98	25.1	51.5	1.10	1380	1.02	0.77	6.4	2.0	480
Q935199		3.02	15.70	0.14	0.9	0.037	2.87	28.0	16.0	0.88	813	1.11	2.40	7.8	2.9	590
Q935200		2.65	15.70	0.17	0.9	0.040	3.25	21.1	197.5	0.57	1600	0.80	0.24	7.9	2.0	580
Q935201		3.22	16.10	0.15	1.4	0.087	2.96	26.7	144.5	0.88	2850	1.76	0.04	8.1	2.9	620
Q935202		6.47	14.95	0.15	1.1	0.775	2.92	23.8	19.2	0.78	1830	8.56	0.13	6.4	11.7	550
Q935203		5.15	9.88	0.11	0.9	0.427	1.86	15.2	27.4	1.25	7380	7.36	0.02	4.6	2.7	270
Q935204		2.56	15.25	0.13	1.5	0.063	2.98	22.8	131.5	0.75	1220	1.92	0.20	8.0	2.8	550
Q935205		2.85	14.70	0.15	1.5	0.054	3.11	22.6	40.5	0.64	878	1.61	1.25	7.4	2.4	580
Q935206		3.75	14.85	0.15	2.3	0.337	2.55	25.3	150.0	0.82	1420	2.76	0.05	8.2	3.7	720
Q935207		2.40	17.65	0.15	3.5	0.034	2.91	23.2	50.3	0.96	918	0.62	0.05	10.5	3.3	760
Q935208		3.40	15.50	0.15	1.9	0.698	2.70	27.5	87.2	0.88	3070	13.40	0.04	7.7	3.9	570
Q935209		0.47	0.24	0.08	<0.1	0.006	0.03	0.6	1.9	12.70	219	0.10	0.01	0.2	1.4	170
Q935210		3.49	16.15	0.16	1.5	0.145	3.04	27.0	63.4	0.83	4000	4.21	0.03	7.9	3.6	590
Q935211		2.93	17.05	0.16	1.9	0.056	2.86	25.1	114.0	0.93	1400	0.89	0.09	8.7	3.1	650
Q935212		2.87	16.75	0.15	1.5	0.053	2.90	23.9	45.3	0.50	717	1.31	0.89	8.5	2.6	630
Q935213		3.61	14.60	0.15	1.4	0.277	2.64	28.3	72.9	1.10	2190	1.91	0.16	7.3	3.3	550
Q935214		2.79	15.60	0.16	1.2	0.114	3.00	27.0	52.3	0.86	1100	1.20	0.06	7.5	2.6	580
Q935215		2.82	15.55	0.17	1.2	0.112	3.01	28.3	52.4	0.89	1100	1.18	0.06	7.6	2.7	590
Q935216		2.57	13.90	0.14	1.4	0.077	2.50	27.1	123.5	0.91	1460	2.56	0.03	7.0	3.4	490
Q935217		2.74	15.55	0.15	1.6	0.049	2.93	22.4	46.6	0.67	796	1.20	1.15	7.8	3.0	590
Q935218		2.84	16.25	0.14	1.3	0.057	3.09	22.3	24.4	0.63	891	1.03	1.89	8.2	2.8	610
Q935219		2.91	15.95	0.16	2.0	0.089	3.11	24.5	38.7	0.84	3450	1.56	0.22	8.3	3.2	630
Q935220		0.48	0.42	0.09	<0.1	0.006	0.09	0.5	2.4	13.00	215	0.09	0.01	0.7	1.4	170
Q935221		2.73	16.95	0.16	2.1	0.053	3.36	21.3	47.8	0.79	1140	1.44	0.49	9.1	3.2	660
Q935222		2.43	18.30	0.17	3.5	0.030	4.21	17.5	45.5	0.50	596	1.55	0.13	11.0	3.9	740
Q935223		3.01	16.10	0.15	1.3	0.052	2.74	22.0	63.5	0.64	922	1.81	0.77	8.2	3.1	610
Q935224		2.82	17.00	0.16	1.3	0.049	2.79	21.9	52.6	0.51	681	1.24	0.58	8.7	2.5	640
Q935225		3.09	14.70	0.16	1.3	0.118	2.87	25.2	70.7	0.76	1320	1.43	0.20	7.6	2.8	570
Q935226		2.96	14.45	0.08	1.1	0.062	2.87	18.3	18.7	0.81	1020	1.19	1.56	7.4	2.4	580
Q935227		5.00	14.70	0.08	1.0	0.297	3.04	29.3	24.7	0.77	1840	14.15	0.15	6.0	13.7	520
Q935228		3.46	15.20	0.09	1.1	0.126	2.72	21.6	46.7	0.65	1080	0.72	1.28	7.7	2.3	600
Q935229		2.93	14.85	0.09	1.1	0.107	2.84	21.2	39.7	0.60	1120	0.75	1.25	7.5	2.3	590
Q935230		2.92	15.10	0.08	1.1	0.049	2.85	22.1	11.8	0.76	604	0.79	2.16	8.0	2.5	600
Q935231		3.12	14.25	0.09	1.1	0.109	2.85	25.0	36.1	1.04	1150	1.66	0.95	7.2	2.7	540

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 18-SEP-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14132989

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935196		287	179.0	<0.002	1.93	17.35	10.2	1	2.0	102.0	0.59	<0.05	12.2	0.250	3.00	4.2
Q935197		26.1	106.5	<0.002	0.04	3.79	10.6	1	1.5	378	0.55	<0.05	15.5	0.251	1.19	3.6
Q935198		1680	107.0	<0.002	0.32	16.30	7.8	1	1.5	269	0.49	<0.05	11.5	0.208	1.45	3.8
Q935199		20.7	102.5	<0.002	0.01	1.72	11.5	<1	1.4	399	0.55	<0.05	12.6	0.265	1.00	3.6
Q935200		19.2	135.0	<0.002	0.24	14.65	9.6	1	1.6	154.0	0.59	<0.05	12.7	0.257	1.87	2.6
Q935201		542	141.0	<0.002	1.09	33.2	10.1	1	1.9	170.5	0.65	<0.05	13.3	0.252	2.27	5.5
Q935202		1260	167.0	<0.002	4.75	63.9	9.1	2	7.9	96.1	0.50	1.49	11.3	0.211	2.55	5.4
Q935203		3610	114.5	<0.002	4.18	103.5	5.6	1	2.3	93.4	0.41	<0.05	7.6	0.125	1.78	19.8
Q935204		45.9	121.0	<0.002	0.28	14.70	9.5	1	1.6	182.0	0.71	<0.05	14.9	0.229	1.89	6.1
Q935205		177.0	122.0	<0.002	0.21	13.65	9.3	<1	1.5	263	0.63	<0.05	13.4	0.253	1.56	4.3
Q935206		4000	122.5	<0.002	2.02	80.9	7.4	1	2.7	339	0.62	<0.05	9.9	0.252	1.75	7.0
Q935207		28.7	97.6	<0.002	0.02	20.5	7.3	<1	1.4	392	0.74	<0.05	8.7	0.288	1.66	4.8
Q935208		>10000	129.0	0.002	1.40	107.5	8.5	1	3.7	215	0.64	<0.05	12.5	0.246	2.20	10.0
Q935209		22.9	1.5	<0.002	0.01	0.28	0.2	<1	<0.2	51.2	<0.05	<0.05	<0.2	<0.005	0.02	0.6
Q935210		837	153.0	0.002	1.02	29.0	10.3	1	2.6	193.5	0.62	<0.05	12.7	0.248	2.56	7.0
Q935211		127.5	113.0	<0.002	0.27	26.4	11.3	1	1.7	262	0.72	<0.05	12.7	0.264	1.68	4.5
Q935212		25.7	125.0	<0.002	0.04	21.2	11.5	1	1.8	192.0	0.68	<0.05	14.3	0.272	1.33	2.9
Q935213		1190	129.0	<0.002	1.44	24.9	9.4	<1	2.2	280	0.60	<0.05	13.3	0.227	1.59	6.5
Q935214		31.7	129.0	<0.002	0.22	15.85	10.8	1	1.6	126.5	0.61	<0.05	13.6	0.246	1.71	3.5
Q935215		30.2	134.5	<0.002	0.22	16.25	10.5	1	1.6	128.0	0.59	<0.05	14.3	0.247	1.75	3.4
Q935216		73.8	128.5	<0.002	0.36	31.2	8.3	<1	1.3	134.0	0.57	<0.05	12.4	0.223	1.68	10.3
Q935217		56.8	131.5	<0.002	0.20	18.30	9.0	<1	1.4	286	0.59	<0.05	11.1	0.250	1.71	4.8
Q935218		24.1	122.5	<0.002	0.14	5.18	10.6	1	1.5	320	0.65	<0.05	12.4	0.253	1.43	3.3
Q935219		474	144.5	0.002	0.83	31.1	9.0	1	1.9	214	0.66	0.05	11.6	0.253	2.56	4.7
Q935220		2.2	7.9	<0.002	0.01	0.10	0.2	<1	0.4	49.0	0.09	<0.05	<0.2	<0.005	0.08	0.4
Q935221		32.2	139.5	0.002	0.11	16.60	9.5	1	1.5	271	0.69	<0.05	10.7	0.259	2.33	3.7
Q935222		18.9	172.0	<0.002	0.09	35.9	7.5	1	1.3	269	0.74	<0.05	7.8	0.286	3.84	5.8
Q935223		31.6	123.0	<0.002	0.20	22.8	10.5	1	1.4	152.0	0.65	<0.05	12.0	0.249	1.75	5.6
Q935224		16.2	111.0	<0.002	0.03	18.60	11.6	1	1.6	152.5	0.68	<0.05	13.5	0.269	1.29	2.9
Q935225		196.0	155.0	<0.002	0.62	18.00	9.3	<1	1.6	132.0	0.62	0.05	12.3	0.241	2.15	5.4
Q935226		102.0	102.0	<0.002	0.24	8.34	8.6	1	1.4	325	0.61	<0.05	9.3	0.250	1.69	3.7
Q935227		484	162.0	0.004	2.67	27.6	8.6	1	5.5	109.5	0.49	0.31	11.2	0.209	2.45	5.2
Q935228		463	120.5	<0.002	0.67	14.10	9.5	1	1.7	240	0.60	<0.05	10.9	0.254	1.83	3.8
Q935229		315	125.0	<0.002	0.39	11.05	9.4	1	1.6	235	0.59	<0.05	10.9	0.253	1.78	3.4
Q935230		15.2	108.5	<0.002	0.06	3.98	9.9	1	1.4	387	0.62	<0.05	11.8	0.253	1.24	3.8
Q935231		679	126.5	<0.002	0.63	14.65	8.9	1	1.4	297	0.57	<0.05	11.8	0.230	1.83	4.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132989

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
Q935196		69	7.3	12.8	717	22.4			
Q935197		68	1.4	16.3	57	21.5			
Q935198		55	6.4	13.3	400	21.3			
Q935199		77	2.3	17.8	62	22.8			
Q935200		65	2.9	13.9	61	25.3			
Q935201		65	5.9	16.0	703	40.9			
Q935202		62	6.0	11.9	2340	30.9			
Q935203		39	5.4	13.2	>10000	28.9			1.105
Q935204		63	2.9	15.0	96	44.3			
Q935205		67	3.6	14.0	250	44.6			
Q935206		64	5.4	15.0	5730	84.0			
Q935207		69	1.9	14.9	73	133.0			
Q935208		65	5.8	14.2	3950	62.5	147	1.505	
Q935209		2	0.1	0.7	32	0.6			
Q935210		67	8.3	15.7	1940	48.3			
Q935211		74	3.5	17.8	200	59.4			
Q935212		73	2.1	16.4	87	40.7			
Q935213		63	3.4	17.0	2910	40.0			
Q935214		71	2.2	16.4	92	34.6			
Q935215		71	2.3	16.7	93	33.6			
Q935216		58	2.6	15.8	126	43.7			
Q935217		64	3.9	14.6	132	50.0			
Q935218		69	1.7	15.6	71	34.8			
Q935219		65	6.8	14.8	803	65.8			
Q935220		2	0.1	0.8	19	0.6			
Q935221		67	3.0	15.0	144	73.2			
Q935222		68	6.2	12.8	60	134.5			
Q935223		67	3.4	15.2	107	39.2			
Q935224		72	4.8	15.0	69	34.0			
Q935225		64	4.7	16.9	184	36.7			
Q935226		68	2.6	13.0	326	31.6			
Q935227		64	5.7	11.6	884	33.3			
Q935228		63	5.8	13.7	371	32.8			
Q935229		61	3.6	13.0	275	29.9			
Q935230		69	2.0	14.9	51	29.7			
Q935231		62	5.2	14.4	535	33.5			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14132989

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62	Au-AA24	ME-MS61	ME-OG62
Pb-OG62	PUL-31	PUL-31d	PUL-QC
Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

CERTIFICATE WH14133050

Project: KLAZA

P.O. No.: R1

This report is for 19 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14133050

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934801		0.97	<0.005	0.01	4.79	3.2	800	0.99	0.22	0.61	0.05	10.90	19.5	5	3.80	3.9
Q934802		1.10	<0.005	0.08	2.08	34.3	9310	0.93	0.09	10.40	0.35	22.3	5.0	7	4.94	6.6
Q934803		0.26	0.006	0.09	8.45	36.8	1590	1.46	0.25	2.74	0.21	51.0	14.5	34	6.37	10.5
Q934804		0.39	<0.005	0.25	8.40	8.2	1310	1.45	1.35	2.38	0.21	45.6	11.7	19	5.89	11.6
Q934805		0.42	0.011	0.05	8.21	7.3	1730	1.75	0.15	2.73	0.20	38.6	10.2	18	7.80	10.3
Q934806		0.39	<0.005	0.03	7.96	19.2	1230	1.55	0.15	1.32	0.53	51.2	5.7	13	8.02	6.4
Q934807		0.42	<0.005	0.10	7.96	8.2	1770	1.41	0.23	1.95	0.12	42.6	8.0	22	5.32	14.6
Q934808		0.76	<0.005	0.07	8.05	10.3	1820	1.43	0.19	2.31	0.15	40.7	10.9	39	5.91	10.7
Q934809		1.52	<0.005	0.05	7.87	8.2	1440	1.51	0.23	2.46	0.16	49.2	9.2	28	4.99	7.2
Q934810		2.51	<0.005	0.05	7.98	8.5	1200	1.42	0.23	2.70	0.17	60.5	11.7	43	4.07	9.6
Q934811		<0.02	<0.005	0.04	7.55	7.5	1170	1.37	0.23	2.64	0.15	55.0	11.7	42	3.85	9.5
Q934812		0.43	<0.005	0.03	8.13	7.3	1250	1.46	0.28	2.44	0.13	46.1	7.6	25	3.60	9.1
Q934813		0.35	<0.005	0.04	8.05	5.1	1550	1.33	0.27	2.05	0.11	39.8	7.9	24	5.75	8.6
Q934814		0.23	0.399	4.82	6.60	721	430	1.45	3.34	2.09	11.00	45.0	13.0	24	13.80	326
Q934815		0.22	<0.005	0.04	8.22	6.6	1270	1.24	0.38	3.76	0.10	36.1	11.2	9	5.26	6.5
Q934816		0.34	<0.005	0.06	7.98	6.5	1760	1.43	0.21	3.45	0.23	48.7	13.8	16	5.41	9.3
Q934817		0.90	<0.005	0.01	0.10	<0.2	20	0.06	0.02	21.4	0.06	1.45	0.7	1	0.15	4.0
Q934818		0.54	<0.005	0.03	8.72	12.7	1010	1.19	0.34	3.92	0.14	39.7	15.7	16	6.93	9.1
Q934819		0.54	<0.005	0.04	8.24	7.2	890	1.12	0.25	4.28	0.14	38.4	16.5	20	4.42	16.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14133050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934801		23.1	13.60	0.06	0.2	0.026	1.33	6.2	4.3	0.21	260	2.32	2.04	1.7	19.2	200
Q934802		2.30	4.73	0.05	0.9	0.010	0.65	15.1	56.1	0.10	893	1.56	0.04	2.8	5.0	260
Q934803		4.37	17.30	0.09	2.4	0.041	1.65	26.3	21.8	1.47	967	1.34	2.55	9.2	16.0	1050
Q934804		4.10	18.10	0.08	1.6	0.058	1.69	22.8	24.0	1.20	1130	0.88	2.57	8.3	9.7	1010
Q934805		3.59	20.5	0.08	0.7	0.056	2.39	17.9	16.4	1.01	954	0.85	3.08	8.2	9.2	1160
Q934806		2.33	17.85	0.07	1.4	0.033	1.96	25.8	147.0	0.38	901	0.95	1.60	7.8	10.3	740
Q934807		3.12	16.95	0.09	1.1	0.046	2.66	21.2	18.4	0.84	521	0.69	2.87	7.9	10.3	880
Q934808		3.43	17.35	0.08	1.1	0.049	2.50	21.0	33.7	1.13	745	0.73	2.70	7.5	15.9	1030
Q934809		3.13	16.60	0.08	1.8	0.048	2.41	25.2	16.6	1.09	699	0.98	2.43	8.7	11.0	700
Q934810		3.81	17.35	0.10	2.0	0.057	2.10	30.4	15.4	1.45	886	0.70	2.48	9.8	14.6	800
Q934811		3.71	17.05	0.10	1.8	0.052	2.04	26.2	14.4	1.37	854	0.75	2.43	9.7	14.0	780
Q934812		3.09	17.65	0.09	1.5	0.046	2.05	22.3	14.4	1.06	644	0.61	2.75	8.6	8.7	860
Q934813		2.82	16.90	0.08	1.3	0.040	2.31	19.7	16.8	0.95	582	1.60	2.71	7.7	9.7	690
Q934814		5.16	15.30	0.10	1.1	0.311	3.15	24.9	25.9	0.77	1880	14.15	0.16	6.3	14.6	540
Q934815		4.18	18.70	0.08	1.9	0.080	1.44	17.7	14.5	1.15	1120	0.98	2.58	6.5	5.0	910
Q934816		4.06	18.05	0.09	2.0	0.051	2.30	24.1	20.5	1.34	967	0.84	2.21	8.5	8.4	1060
Q934817		0.50	0.27	0.08	<0.1	0.005	0.03	0.7	0.9	13.15	209	<0.05	0.01	0.3	1.5	280
Q934818		4.81	19.10	0.09	2.1	0.057	1.41	19.1	20.4	1.49	1020	0.84	2.43	6.9	8.3	880
Q934819		4.80	18.10	0.07	2.2	0.054	1.05	19.4	18.1	1.73	1020	0.52	2.27	6.3	10.7	790

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14133050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934801		7.2	41.2	<0.002	<0.01	1.22	2.3	<1	3.1	368	0.11	<0.05	1.1	0.067	0.28	0.9
Q934802		14.8	26.4	<0.002	0.24	2.51	1.5	1	0.4	423	0.18	<0.05	3.1	0.068	0.42	1.6
Q934803		17.4	55.0	<0.002	0.01	2.95	14.0	1	1.2	643	0.60	<0.05	7.4	0.407	0.59	2.3
Q934804		20.3	55.2	<0.002	0.01	3.70	13.0	1	1.3	663	0.53	<0.05	6.1	0.366	0.56	2.2
Q934805		27.5	57.9	<0.002	<0.01	1.60	9.7	1	1.8	888	0.47	<0.05	4.8	0.316	0.53	1.3
Q934806		18.1	63.1	<0.002	<0.01	7.95	6.1	<1	1.4	470	0.55	<0.05	7.8	0.260	0.67	2.0
Q934807		17.4	79.1	<0.002	<0.01	1.62	8.9	1	1.6	652	0.53	<0.05	7.5	0.302	0.68	2.0
Q934808		20.3	77.0	<0.002	<0.01	2.59	10.3	1	1.4	729	0.50	<0.05	5.7	0.310	0.66	1.6
Q934809		16.9	81.0	<0.002	0.01	1.18	11.4	1	1.7	528	0.66	<0.05	11.0	0.318	0.82	2.4
Q934810		14.0	70.1	<0.002	<0.01	1.45	15.3	1	1.8	505	0.73	<0.05	10.9	0.388	0.63	2.3
Q934811		13.7	62.0	<0.002	<0.01	1.37	14.6	1	1.7	503	0.73	<0.05	10.0	0.358	0.60	2.1
Q934812		16.0	63.5	<0.002	<0.01	1.61	10.4	1	1.6	588	0.62	<0.05	8.8	0.330	0.61	2.1
Q934813		13.5	73.2	<0.002	<0.01	0.96	9.6	1	1.5	587	0.53	0.05	7.2	0.290	0.66	1.6
Q934814		495	150.0	0.005	2.75	29.6	9.2	1	5.6	113.5	0.51	0.31	10.6	0.214	2.49	5.2
Q934815		18.3	49.6	<0.002	<0.01	1.20	12.4	1	1.6	740	0.42	<0.05	5.3	0.359	0.92	1.9
Q934816		23.3	68.7	<0.002	<0.01	4.48	14.5	1	1.3	597	0.60	<0.05	11.1	0.377	0.86	2.7
Q934817		1.3	1.4	<0.002	<0.01	0.11	0.3	<1	<0.2	45.8	<0.05	<0.05	0.2	0.005	<0.02	0.7
Q934818		12.4	54.4	<0.002	<0.01	2.92	16.1	1	1.2	551	0.49	<0.05	5.2	0.417	0.62	1.8
Q934819		13.2	32.3	<0.002	<0.01	1.83	16.6	1	1.2	544	0.43	<0.05	5.6	0.415	0.41	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14133050

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934801		133	12.1	3.7	55	4.7
Q934802		37	0.4	5.6	84	44.1
Q934803		120	1.4	18.1	88	90.2
Q934804		110	1.2	17.0	122	56.7
Q934805		101	1.3	14.5	96	18.3
Q934806		59	3.1	10.2	51	45.7
Q934807		79	1.6	14.8	50	30.5
Q934808		91	3.3	13.9	65	35.0
Q934809		88	1.3	17.9	62	56.5
Q934810		114	1.4	20.6	69	61.9
Q934811		109	1.3	19.6	67	58.4
Q934812		94	1.3	15.8	59	45.6
Q934813		79	7.1	14.4	53	45.5
Q934814		66	5.8	11.7	914	31.3
Q934815		115	1.1	17.0	114	68.4
Q934816		122	1.5	17.8	89	66.6
Q934817		2	0.1	0.9	13	0.5
Q934818		145	1.2	19.6	74	72.6
Q934819		145	1.0	18.9	80	81.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14133050

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
This copy reported on 8-SEP-2014
Account: ROCKHA

CERTIFICATE WH14134300

Project: ROCKHA_WH14125360

P.O. No.: BATCH 167

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Re-analysis results for samples originally reported on certificate WH14125360***

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: ROCKHA_WH14125360

CERTIFICATE OF ANALYSIS WH14134300

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
Q935913		<0.005
Q935914		<0.005
Q935915		<0.005
Q935916		0.046
Q935917		0.354
Q935918		<0.005
Q935919		0.016
Q935920		<0.005
Q935921		<0.005
Q935922		0.007
Q935923		0.013
Q935924		<0.005
Q935925		<0.005
Q935926		<0.005
Q935927		<0.005
Q935928		<0.005
Q935929		0.350
Q935930		0.025
Q935931		<0.005
Q935932		<0.005
Q935933		<0.005
Q935934		<0.005
Q935935		<0.005
Q935936		<0.005
Q935937		<0.005
Q935938		0.006
Q935939		<0.005
Q935940		<0.005
Q935941		<0.005
Q935942		<0.005
Q935943		<0.005
Q935944		0.251
Q935945		0.007
Q935946		<0.005
Q935947		0.895
Q935948		0.005

Comments: ***Re-analysis results for samples originally reported on certificate WH14125360***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: ROCKHA_WH14125360

Finalized Date: 4-SEP-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14134300

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24 FND-02

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
This copy reported on 8-SEP-2014
Account: ROCKHA

CERTIFICATE WH14134302

Project: ROCKHA_WH14125362

P.O. No.: BATCH 169

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Re-analysis results for samples originally reported on certifcate WH14125362***

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-SEP-2014
Account: ROCKHA

Project: ROCKHA_WH14125362

CERTIFICATE OF ANALYSIS WH14134302

Sample Description	Method Analyte Units LOR	Au-AA24 Au ppm 0.005
Q935949		0.022
Q935950		0.012
Q935951		0.083
Q935952		0.358
Q935953		0.916
Q935954		2.09
Q935955		2.04
Q935956		0.302
Q935957		0.935
Q935958		0.136
Q935959		0.010
Q935960		0.017
Q935961		2.56
Q935962		0.201
Q935963		0.014
Q935964		<0.005
Q935965		<0.005
Q935966		<0.005
Q935967		<0.005
Q935968		<0.005
Q935969		<0.005
Q935970		<0.005
Q935971		0.005
Q935972		0.007
Q935973		<0.005
Q935974		0.014
Q935975		<0.005
Q935976		<0.005
Q935977		0.022
Q935978		<0.005
Q935979		<0.005
Q935980		<0.005
Q935981		<0.005
Q935982		<0.005
Q935983		<0.005
Q935984		<0.005

Comments: ***Re-analysis results for samples originally reported on certifcate WH14125362***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: ROCKHA_WH14125362

Finalized Date: 4-SEP-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14134302

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24 FND-02

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2014
Account: ROCKHA

CERTIFICATE WH14134310

Project: KLAZA

P.O. No.: BATCH 206

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-35ad	Pulv 1 kg split to 95%<106 um DUP
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

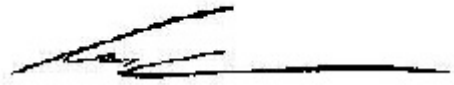
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14134310

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q927994		6.23	0.035		0.29	7.15	32.7	1730	1.53	0.10	2.68	0.94	46.9	8.7	12	21.8
Q927995		0.41	4.36		>100	5.39	8210	140	1.09	55.9	1.92	224	33.9	9.2	18	11.20
Q927996		3.00	0.548		13.65	3.95	409	50	0.68	15.55	2.01	14.50	23.9	14.3	11	3.78
Q927997		1.53	>10.0	10.90	94.7	2.63	>10000	60	0.69	1.78	3.34	808	31.6	5.6	7	5.09
Q927998		7.00	0.184		17.45	7.77	290	890	2.08	0.38	4.26	23.5	82.0	9.2	28	25.9
Q927999		<0.02	0.199		17.25	7.61	288	880	1.92	0.36	4.26	22.2	77.1	8.6	28	24.5
Q928000		4.08	0.247		6.56	6.35	338	1630	1.44	2.94	5.81	13.50	50.4	7.2	10	11.95
Q934851		0.16	>10.0	NSS	>100	4.67	168.5	680	0.45	1.65	2.14	877	19.05	60.2	48	1.27
Q934852		4.09	3.79		>100	3.79	7120	510	0.64	48.8	0.82	603	28.7	3.4	13	3.37
Q934853		5.55	<0.005		0.45	0.07	3.9	40	0.07	0.04	21.9	0.45	1.21	0.6	1	0.25
Q934854		4.73	0.280		10.90	7.70	405	400	1.32	4.72	0.24	35.3	50.1	7.5	13	9.43
Q934855		1.85	>10.0	41.8	>100	1.32	>10000	70	0.23	928	0.36	340	7.38	57.1	14	1.05
Q934856		1.28	0.979		13.95	5.05	1185	740	0.97	6.43	0.70	123.0	35.9	4.7	10	8.57
Q934857		0.84	8.06		>100	1.36	8720	40	0.46	114.5	2.20	593	13.95	4.4	13	3.12
Q934858		5.97	0.246		3.20	7.17	577	2870	2.17	5.71	3.42	3.28	63.9	7.9	18	27.5
Q934859		1.54	>10.0	22.3	95.5	0.82	>10000	40	0.35	328	0.94	61.6	5.64	80.6	11	3.38
Q934860		13.25	0.108		0.85	7.44	178.5	3470	1.97	1.68	2.76	1.35	73.1	6.1	15	26.5
Q934861		<0.02	0.110		0.86	7.79	105.5	3600	2.26	1.44	2.85	1.38	81.6	6.3	15	28.6
Q934862		3.66	0.023		0.42	7.83	105.0	1410	1.97	0.26	3.03	0.50	51.7	9.0	13	37.7
Q934863		2.09	0.089		2.91	6.68	219	1180	1.49	2.22	2.89	11.15	47.1	18.9	15	12.85
Q934864		9.27	0.014		0.28	7.21	27.1	2340	1.13	0.42	2.34	0.20	49.6	21.7	19	9.06
Q934865		10.01	0.024		0.27	7.31	19.6	1950	1.29	0.21	2.71	0.59	49.8	16.1	18	13.95
Q934866		0.90	7.79		>100	3.48	7670	110	0.59	11.70	1.53	123.5	22.6	37.6	18	3.82
Q934867		4.00	0.507		7.96	7.31	570	390	1.21	2.02	0.28	17.45	47.2	9.4	15	6.51
Q934868		3.76	8.85		81.5	5.10	>10000	140	0.93	3.29	1.99	29.8	33.0	7.1	14	6.23
Q934869		3.09	0.021		1.17	7.17	138.0	1760	1.86	0.21	2.94	2.29	69.2	6.9	17	27.2
Q934870		5.30	2.22		26.6	5.25	1770	170	0.86	7.23	0.45	95.1	31.4	20.7	16	5.37
Q934871		5.54	<0.005		0.01	0.05	<0.2	10	0.06	0.05	20.6	0.12	1.05	0.7	1	0.16
Q934872		5.36	0.731		7.43	6.54	1700	200	1.04	2.64	0.46	39.7	46.3	16.2	15	5.32
Q934873		6.13	0.608		13.45	6.97	2180	420	1.21	1.94	1.33	33.7	46.0	8.7	14	9.19
Q934874		5.95	0.460		17.50	6.63	3020	400	1.27	1.59	1.04	21.7	42.5	8.8	13	8.11
Q934875		6.08	0.005		1.51	7.15	123.5	1900	2.02	0.18	3.05	0.60	63.4	7.1	17	21.5
Q934876		2.44	1.870		27.1	5.65	5260	190	1.25	2.30	1.75	70.1	37.3	6.1	12	9.21
Q934877		4.05	<0.005		0.26	7.61	54.4	1690	2.22	0.18	3.49	0.32	77.8	7.2	24	28.6
Q934878		1.39	0.171		3.48	7.62	263	2890	2.46	0.52	3.21	6.71	73.9	8.4	14	37.5
Q934879		9.04	<0.005		0.19	7.80	65.3	820	2.24	0.26	4.03	0.29	76.5	5.6	13	36.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14134310

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q927994		10.8	3.51	15.85	0.12	1.3	0.051	2.79	23.4	22.1	0.87	1320	1.28	1.01	7.8	3.2
Q927995		1265	7.97	12.25	0.06	1.1	4.64	2.27	17.5	28.9	0.63	3040	15.35	0.08	5.5	13.9
Q927996		61.4	6.12	8.86	<0.05	0.6	0.171	1.86	11.5	10.9	0.77	1450	7.55	0.03	3.6	2.5
Q927997		1025	12.80	7.97	0.06	0.5	2.06	1.09	17.1	11.5	1.18	2760	187.5	0.02	2.8	2.3
Q927998		43.0	3.99	17.90	0.06	4.1	0.094	2.19	43.0	170.0	1.76	1050	55.1	0.06	11.6	11.1
Q927999		40.4	3.92	16.90	0.06	3.8	0.091	2.14	40.4	164.5	1.74	1060	55.3	0.06	11.0	10.3
Q928000		70.5	3.77	12.55	<0.05	1.5	0.125	1.75	27.6	27.8	1.96	2680	3.75	0.65	7.2	3.3
Q934851		>10000	9.74	15.20	0.05	0.5	2.96	0.85	8.7	5.7	0.85	1780	163.5	1.13	2.1	18.3
Q934852		2290	7.80	9.76	<0.05	0.6	5.37	1.74	15.1	8.6	0.43	8070	1.78	0.02	3.4	1.9
Q934853		4.5	0.50	0.24	<0.05	<0.1	0.008	0.03	0.6	1.1	13.70	228	0.14	<0.01	0.2	1.2
Q934854		106.0	6.13	15.80	<0.05	1.1	0.304	3.50	26.3	5.3	0.31	4780	1.31	0.02	7.5	3.2
Q934855		5870	22.4	4.08	<0.05	0.2	6.79	0.61	3.9	9.0	0.12	2240	5.51	0.01	1.1	2.1
Q934856		188.5	6.62	11.40	<0.05	0.7	0.326	2.32	19.4	14.0	0.42	10850	9.87	0.02	4.7	2.5
Q934857		1155	11.35	5.10	<0.05	0.2	1.845	0.60	6.3	19.4	0.90	37700	13.80	0.01	1.5	2.3
Q934858		53.9	2.93	16.40	<0.05	3.2	0.061	2.77	33.9	25.5	1.11	1160	7.52	0.04	9.5	6.5
Q934859		1575	26.8	2.47	<0.05	0.3	1.865	0.28	2.7	12.7	0.29	571	16.00	0.01	1.0	3.6
Q934860		15.2	2.58	18.05	0.09	2.5	0.049	1.50	36.0	155.0	0.95	797	3.68	0.04	12.1	4.1
Q934861		12.3	2.68	18.55	0.11	2.6	0.043	1.54	42.2	159.5	0.98	823	3.67	0.03	12.5	3.8
Q934862		12.6	3.41	15.50	0.08	1.3	0.055	2.71	27.9	70.8	1.19	1190	1.00	0.10	7.6	4.2
Q934863		55.7	5.04	14.50	0.05	1.3	0.334	3.06	25.6	32.3	1.12	2480	2.00	0.07	6.6	4.2
Q934864		8.0	4.19	14.65	0.07	1.0	0.084	2.84	27.2	13.6	0.99	973	0.95	1.72	6.9	4.0
Q934865		7.9	3.85	15.00	0.05	1.2	0.055	2.65	26.3	19.8	0.91	1160	0.80	1.62	7.3	3.1
Q934866		448	6.32	7.96	<0.05	0.5	2.18	1.59	12.4	20.0	0.56	1370	4.03	0.02	3.0	3.0
Q934867		93.6	6.00	15.90	0.05	1.2	0.288	3.47	25.9	6.8	0.35	1290	2.01	0.03	7.0	3.6
Q934868		149.5	7.66	11.95	<0.05	0.9	1.105	2.35	17.8	9.6	0.80	1630	2.98	0.03	4.9	3.2
Q934869		15.5	2.75	17.00	0.11	3.0	0.181	2.92	36.5	24.4	1.08	1200	1.58	0.07	10.1	6.4
Q934870		169.5	7.29	11.85	<0.05	0.7	1.365	2.45	16.9	10.5	0.32	477	1.68	0.02	5.0	2.9
Q934871		3.5	0.48	0.18	0.08	<0.1	0.006	0.02	0.5	1.0	13.00	210	0.10	<0.01	0.1	1.6
Q934872		73.7	6.42	15.45	0.13	1.1	0.517	3.13	23.0	5.8	0.39	867	2.17	0.03	6.4	2.9
Q934873		114.5	5.76	15.60	0.11	1.0	0.544	3.23	23.3	7.2	0.66	2870	1.34	0.03	6.7	2.5
Q934874		57.9	6.39	15.45	0.14	0.9	0.552	3.06	21.0	11.2	0.54	3150	3.03	0.02	6.1	3.1
Q934875		10.3	2.62	18.85	0.15	3.3	0.034	2.99	32.6	27.2	1.12	991	4.31	0.05	10.0	5.8
Q934876		136.0	4.93	13.65	0.14	1.2	1.195	2.51	18.2	12.5	0.70	969	2.17	0.03	5.4	2.7
Q934877		10.6	3.03	20.2	0.15	3.5	0.039	2.97	38.4	75.8	1.19	771	2.08	0.08	12.1	7.2
Q934878		24.6	3.00	18.95	0.17	2.6	0.215	3.01	38.9	22.7	1.13	905	7.26	0.07	11.1	4.7
Q934879		4.7	2.71	20.1	0.18	2.8	0.044	3.04	38.8	73.1	1.39	727	2.13	0.09	12.3	3.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14134310

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q927994		670	54.6	106.5	<0.002	0.21	5.83	11.2	1	1.8	304	0.65	<0.05	11.5	0.284	1.74
Q927995		470	9720	133.5	<0.002	7.10	215	7.2	1	8.6	119.5	0.43	0.41	8.2	0.182	2.03
Q927996		300	603	115.0	<0.002	5.31	25.4	5.6	<1	5.7	46.6	0.29	0.51	5.7	0.130	1.38
Q927997		220	>10000	70.3	<0.002	>10.0	460	3.9	1	17.0	144.0	0.22	0.26	4.4	0.089	1.85
Q927998		1720	3140	96.7	<0.002	0.42	38.3	7.9	1	2.3	554	0.78	<0.05	8.8	0.409	1.92
Q927999		1710	3140	91.3	<0.002	0.42	36.5	7.3	1	2.1	540	0.73	<0.05	8.3	0.406	1.82
Q928000		700	1110	87.2	<0.002	0.73	26.6	7.0	1	2.4	349	0.52	<0.05	8.8	0.233	1.25
Q934851		610	>10000	27.4	0.061	>10.0	190.5	10.6	10	18.4	227	0.14	0.47	1.7	0.186	7.04
Q934852		300	>10000	104.0	<0.002	8.96	969	5.6	2	15.9	27.6	0.29	0.35	5.8	0.131	1.32
Q934853		180	78.5	1.5	<0.002	0.01	0.86	0.2	<1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	0.02
Q934854		640	1880	199.0	<0.002	4.99	33.4	10.8	<1	5.8	37.3	0.60	<0.05	12.2	0.275	3.06
Q934855		80	>10000	37.5	0.003	>10.0	712	1.9	4	10.2	10.4	0.08	17.30	1.7	0.038	0.62
Q934856		310	5090	158.5	<0.002	5.97	49.3	6.5	1	7.5	24.4	0.40	0.11	7.4	0.155	2.13
Q934857		60	>10000	43.3	<0.002	9.68	270	2.9	2	18.3	44.5	0.12	0.22	2.5	0.046	0.82
Q934858		1100	253	152.0	<0.002	0.71	46.6	6.7	1	1.5	357	0.66	0.07	9.1	0.295	3.07
Q934859		80	1335	14.5	<0.002	>10.0	471	0.9	5	7.4	34.2	0.06	6.68	0.8	0.028	0.46
Q934860		970	65.3	51.6	<0.002	0.25	19.10	6.4	1	1.7	317	0.80	<0.05	10.5	0.281	1.43
Q934861		1010	73.5	59.6	<0.002	0.24	19.10	6.7	1	1.7	325	0.84	<0.05	11.9	0.289	1.54
Q934862		760	35.0	123.5	<0.002	0.26	12.20	11.5	1	1.4	250	0.61	<0.05	11.6	0.307	2.66
Q934863		700	436	175.5	<0.002	1.72	19.40	10.1	1	6.5	175.5	0.53	0.29	10.5	0.263	2.21
Q934864		650	25.8	116.5	<0.002	0.42	1.97	11.2	1	2.2	301	0.57	0.17	11.3	0.273	1.17
Q934865		660	50.8	111.5	<0.002	0.33	2.85	11.3	<1	1.7	350	0.59	0.12	11.8	0.281	1.19
Q934866		260	874	95.8	<0.002	5.64	257	4.9	1	15.5	42.0	0.24	1.35	5.1	0.115	1.18
Q934867		620	632	219	<0.002	5.40	32.1	11.3	<1	10.9	32.2	0.59	<0.05	11.9	0.271	2.52
Q934868		440	1225	146.0	<0.002	6.56	186.5	7.1	1	11.9	88.7	0.40	0.39	7.5	0.176	1.77
Q934869		1150	42.9	145.5	<0.002	0.34	20.0	7.2	1	1.8	514	0.71	<0.05	9.7	0.300	3.52
Q934870		460	1045	157.0	<0.002	7.56	45.4	8.2	1	12.1	31.9	0.39	0.81	7.6	0.194	1.65
Q934871		160	1.9	1.2	<0.002	0.01	0.06	0.3	<1	<0.2	39.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q934872		540	1470	200	<0.002	5.96	24.2	10.4	<1	11.7	25.8	0.58	0.11	12.0	0.239	2.50
Q934873		570	1020	203	<0.002	3.85	46.9	11.1	<1	7.0	59.7	0.60	0.10	10.5	0.259	2.96
Q934874		540	2950	201	<0.002	5.11	44.1	10.7	<1	7.0	56.1	0.47	<0.05	10.2	0.238	2.91
Q934875		1100	26.3	146.0	<0.002	0.34	31.1	6.9	<1	1.4	374	0.66	<0.05	9.0	0.302	4.02
Q934876		380	3190	146.0	<0.002	4.34	63.0	6.4	<1	13.6	73.2	0.49	0.10	10.2	0.166	2.38
Q934877		1430	17.0	106.0	0.002	0.09	19.35	7.4	1	1.6	469	0.80	<0.05	9.5	0.383	3.52
Q934878		1000	382	129.5	<0.002	0.69	25.3	6.6	<1	2.7	302	0.77	<0.05	11.3	0.281	3.73
Q934879		980	25.3	98.7	<0.002	0.17	13.50	6.4	1	1.7	374	0.79	<0.05	10.6	0.279	3.67

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14134310

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q927994		4.0	78	3.1	16.5	117	34.9					
Q927995		5.0	51	4.5	8.8	>10000	32.8	124			1.625	
Q927996		3.5	42	3.6	6.0	1020	15.1					
Q927997		3.0	26	3.1	7.1	>10000	14.2			1.500	5.66	6.55
Q927998		3.8	78	3.1	14.4	1610	172.0					
Q927999		3.6	77	2.9	12.9	1610	161.5					
Q928000		4.0	57	4.5	12.7	1140	53.7					
Q934851		2.1	124	8.0	11.5	>10000	10.6	133	2.82	2.41	15.25	
Q934852		2.4	38	5.0	8.7	>10000	14.8	593		10.65	4.56	
Q934853		0.5	2	0.2	0.8	62	<0.5					
Q934854		4.5	75	6.4	9.3	3710	28.0					
Q934855		0.4	17	4.1	4.8	>10000	4.4	433		1.525	4.00	1.595
Q934856		2.8	43	7.1	7.4	10000	16.5				1.055	
Q934857		2.4	16	8.7	8.4	>10000	5.4	175		4.95	5.03	
Q934858		5.7	61	3.5	13.7	338	131.0					
Q934859		2.3	10	0.7	2.1	6500	11.1					8.53
Q934860		7.3	52	3.2	14.3	158	92.6					
Q934861		7.8	54	3.4	15.9	153	96.3					
Q934862		5.1	82	4.1	14.3	102	40.0					
Q934863		7.2	76	16.3	12.6	1040	41.5					
Q934864		3.6	78	2.2	14.8	78	25.4					
Q934865		4.2	81	1.6	15.7	108	29.0					
Q934866		6.0	40	5.7	6.3	>10000	11.7	120			1.165	
Q934867		5.4	80	7.7	9.4	1680	28.6					
Q934868		4.7	53	8.6	6.7	2160	26.4					1.475
Q934869		7.3	64	2.3	13.5	219	123.0					
Q934870		2.5	61	7.5	6.4	6040	15.4					
Q934871		0.6	2	0.1	0.8	16	<0.5					
Q934872		6.1	73	6.4	8.3	3680	22.1					
Q934873		5.2	79	5.6	11.2	3090	20.4					
Q934874		5.3	74	6.4	8.8	1680	19.7					
Q934875		7.0	63	4.1	12.7	78	126.5					
Q934876		4.3	48	5.5	6.7	6880	29.5					
Q934877		5.0	75	2.5	12.7	96	130.0					
Q934878		5.1	57	3.5	12.7	511	90.3					
Q934879		5.6	55	4.3	13.8	70	90.3					

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 20-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14134310

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	BAG-01	CRU-32	CRU-QC	LOG-21d
	LOG-22	LOG-23	PUL-35a	PUL-35ad
	PUL-QC	SPL-21	SPL-21d	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	As-OG62	Au-AA24	Au-GRA22
	Cu-OG62	ME-MS61	ME-OG62	Pb-OG62
	Zn-OG62			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2014
Account: ROCKHA

CERTIFICATE WH14135054

Project: KLAZA

P.O. No.: Batch 205

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135054

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q935232		2.15	<0.005	0.05	6.82	10.5	2140	1.62	0.16	2.34	0.09	45.0	6.6	13	12.15	5.3
Q935233		3.77	0.190	3.70	6.38	638	1060	1.45	0.27	2.58	7.88	51.2	5.2	11	14.10	13.4
Q935234		2.63	0.020	0.81	6.19	103.0	1790	1.69	0.23	2.08	6.13	36.2	9.7	10	9.02	8.2
Q935235		0.30	0.839	11.05	6.21	1475	1010	1.33	12.05	1.77	32.2	45.4	17.5	17	13.50	274
Q935236		1.38	2.96	3.82	4.10	5850	220	0.89	0.80	3.86	7.62	26.6	67.6	5	6.49	29.1
Q935237		4.84	<0.005	0.11	6.76	17.3	1920	1.36	0.10	2.44	0.25	39.7	6.7	8	21.7	19.7
Q935238		2.50	0.391	4.15	4.92	843	1380	1.20	0.12	2.18	4.63	36.3	4.5	11	13.00	16.3
Q935239		<0.02	0.388	4.44	5.02	945	1380	1.29	0.13	2.22	5.51	35.9	4.7	11	13.10	17.7
Q935240		3.18	<0.005	0.38	7.71	46.2	1650	1.57	0.45	0.39	0.80	57.9	6.7	9	14.20	4.9
Q935241		5.18	<0.005	0.34	7.88	63.9	2150	1.52	0.39	0.28	1.12	54.1	8.6	9	17.30	10.9
Q935242		12.52	<0.005	0.31	8.14	49.8	1450	1.61	0.58	0.34	1.32	55.1	10.1	8	14.85	6.4
Q935243		13.30	<0.005	0.30	7.53	36.0	2870	1.49	1.10	0.25	1.20	55.1	9.1	10	15.30	4.6
Q935244		5.54	<0.005	<0.01	0.11	0.4	30	0.07	0.06	19.60	0.06	1.25	0.9	2	0.56	2.3
Q935245		8.16	<0.005	0.24	7.92	27.0	1630	1.56	0.86	0.42	0.85	52.5	8.1	11	12.20	4.1
Q935246		8.39	<0.005	0.24	7.58	17.4	2040	1.55	1.99	0.29	0.89	53.7	9.0	8	9.41	3.9
Q935247		7.02	<0.005	0.28	7.89	22.4	2750	1.47	2.27	0.49	1.30	53.2	9.9	9	10.75	4.7
Q935248		10.47	<0.005	0.11	7.29	12.1	2290	1.36	2.18	0.44	1.04	50.3	9.2	9	9.64	3.2
Q935249		9.24	<0.005	0.10	7.64	15.6	1140	1.53	1.78	0.24	1.04	52.9	8.0	9	12.35	4.7
Q935250		0.30	0.404	4.41	6.54	696	860	1.34	3.68	2.00	11.25	49.5	13.1	23	13.95	306
Q934537		4.29	<0.005	0.10	7.54	31.5	1190	1.57	2.76	0.23	1.62	57.8	11.0	8	17.85	2.8
Q934538		7.18	<0.005	0.47	5.60	14.6	1910	1.47	25.2	2.22	0.57	34.9	5.2	11	11.00	14.4
Q934539		1.82	0.022	3.25	6.16	92.3	1920	1.46	12.75	0.44	0.99	47.5	7.5	8	9.31	5.6
Q934540		5.55	<0.005	0.01	0.08	0.5	60	0.05	0.05	20.2	0.06	1.07	0.8	2	0.31	12.6
Q934541		3.88	<0.005	0.30	5.13	18.9	1740	0.93	5.21	3.12	0.49	40.7	6.6	8	9.23	6.8
Q934542		11.63	<0.005	0.14	6.02	5.7	2060	1.22	1.13	3.36	0.18	34.2	8.2	9	9.05	3.7
Q934543		7.22	<0.005	0.21	6.29	40.6	2470	1.18	1.20	3.25	0.20	39.5	8.1	10	8.89	4.7
Q934544		8.62	<0.005	0.07	6.74	8.5	1190	1.46	0.30	2.80	0.11	41.8	9.2	12	9.27	4.3
Q934545		8.03	<0.005	0.26	6.63	19.1	790	1.31	0.51	2.91	0.38	38.3	8.7	9	10.55	4.8
Q934546		4.17	<0.005	0.27	6.58	20.2	940	1.47	0.54	2.76	0.39	39.7	8.9	11	11.10	5.3
Q934547		10.59	<0.005	0.14	6.40	10.5	1060	1.39	0.19	3.02	0.85	38.4	8.8	10	10.05	5.6
Q934548		5.49	<0.005	0.08	6.42	11.6	1280	1.47	0.27	3.13	0.11	40.8	7.7	9	15.30	6.4
Q934549		5.61	<0.005	0.11	6.31	3.4	2580	1.06	0.38	3.06	0.09	39.3	7.5	8	11.60	16.6
Q934550		11.36	<0.005	0.23	6.50	7.6	1200	1.43	0.98	3.18	0.41	35.7	10.4	10	12.30	10.2
Q934773		4.21	<0.005	0.11	7.21	6.9	1210	1.43	0.32	3.07	0.07	42.8	6.9	9	10.40	3.9
Q934774		5.37	<0.005	0.49	7.35	39.2	1570	1.78	0.28	3.65	1.76	45.3	9.0	8	23.2	6.4
Q934775		4.61	<0.005	0.06	7.72	2.8	1470	1.68	0.06	3.05	0.06	46.3	8.3	14	9.64	8.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135054

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q935232		2.91	16.05	0.15	1.2	0.061	2.80	22.3	9.9	0.72	602	1.15	2.18	8.1	2.8	590
Q935233		3.46	15.45	0.18	1.1	0.167	3.25	28.6	21.6	0.89	3940	3.75	0.04	7.4	3.0	510
Q935234		2.31	13.35	0.14	1.4	0.078	3.23	18.1	10.7	0.55	3740	1.94	0.11	8.6	2.1	350
Q935235		6.32	14.75	0.15	1.1	0.758	2.79	25.4	19.4	0.74	1700	8.56	0.12	6.3	11.6	510
Q935236		10.75	8.83	0.11	0.6	0.206	2.11	13.9	9.8	1.30	6140	1.55	0.02	4.2	2.6	320
Q935237		3.11	15.65	0.13	1.2	0.045	3.06	19.0	26.8	0.63	1230	0.76	1.09	7.6	2.6	600
Q935238		2.58	11.55	0.14	0.8	0.139	2.30	20.2	48.1	0.75	3630	3.05	0.03	5.4	2.3	360
Q935239		2.67	11.75	0.12	0.8	0.137	2.34	19.9	48.3	0.76	3800	3.25	0.03	5.5	2.3	370
Q935240		3.12	16.05	0.14	1.2	0.055	2.77	32.8	22.1	0.29	1020	1.70	1.29	8.6	3.0	680
Q935241		3.37	16.55	0.15	1.2	0.050	2.82	30.3	28.7	0.26	1720	2.50	1.15	8.0	3.2	710
Q935242		3.49	17.25	0.13	1.2	0.050	2.65	29.7	23.3	0.33	1650	2.57	1.61	8.1	3.6	730
Q935243		3.14	16.50	0.15	1.2	0.042	2.53	31.4	18.0	0.26	1730	2.75	1.34	7.6	3.0	640
Q935244		0.47	0.37	0.17	<0.1	<0.005	0.06	0.6	1.6	12.25	206	0.08	0.01	0.2	2.1	170
Q935245		3.33	15.70	0.21	1.2	0.041	2.46	28.8	17.7	0.30	1260	2.42	1.55	8.0	3.1	680
Q935246		3.20	15.15	0.15	1.1	0.039	1.89	28.9	16.3	0.25	1490	2.54	2.26	8.3	3.1	730
Q935247		3.41	16.95	0.14	1.3	0.044	2.39	29.9	26.1	0.29	1800	2.85	1.45	8.3	3.2	690
Q935248		3.12	17.05	0.15	1.2	0.047	2.10	24.4	30.6	0.42	1590	2.33	1.82	7.6	2.9	650
Q935249		3.09	18.15	0.14	1.3	0.039	2.28	28.3	82.8	0.26	1060	2.20	0.50	8.1	2.7	660
Q935250		4.97	15.85	0.13	1.2	0.309	2.96	28.2	26.9	0.77	1840	14.50	0.15	6.4	14.5	530
Q934537		3.41	18.10	0.14	1.2	0.085	1.90	34.2	94.9	0.21	1950	4.53	0.17	7.7	3.2	650
Q934538		2.85	20.7	0.14	0.9	0.315	1.97	19.2	39.6	0.35	1360	1.31	0.22	6.1	2.1	460
Q934539		2.93	17.65	0.12	1.1	0.190	2.19	28.2	27.3	0.18	2460	5.38	0.15	7.1	2.9	620
Q934540		0.51	0.24	0.17	<0.1	<0.005	0.04	0.5	1.2	12.70	210	0.11	0.01	0.1	1.9	170
Q934541		2.34	13.25	0.15	1.1	0.234	1.74	22.9	34.2	1.03	1580	0.48	0.09	6.0	2.2	500
Q934542		2.82	13.35	0.12	1.0	0.036	2.43	17.0	34.0	0.94	1460	0.51	0.40	6.8	2.3	560
Q934543		3.02	15.50	0.13	1.1	0.057	2.48	19.4	41.6	1.00	1460	0.54	0.66	7.4	2.7	610
Q934544		3.10	15.80	0.14	1.3	0.039	2.01	20.5	13.1	0.71	1250	0.61	1.98	8.0	2.8	640
Q934545		3.09	14.85	0.15	1.2	0.047	2.41	19.4	19.2	0.78	1480	0.42	1.14	7.5	2.4	590
Q934546		3.05	15.90	0.14	1.4	0.046	2.47	19.0	19.2	0.73	1430	0.53	1.20	7.7	2.6	610
Q934547		3.11	15.70	0.15	1.3	0.063	2.24	18.1	13.6	0.71	1390	0.62	1.70	7.8	2.8	610
Q934548		2.87	15.80	0.14	1.3	0.040	2.45	19.7	28.1	0.61	1200	0.40	0.80	7.8	2.6	610
Q934549		2.88	15.30	0.14	1.2	0.039	2.70	19.5	24.8	0.88	1090	0.45	0.61	7.0	2.5	560
Q934550		3.26	16.75	0.14	1.4	0.040	2.92	16.8	29.2	0.86	1230	0.85	0.72	8.1	3.3	610
Q934773		2.99	13.95	0.10	1.2	0.044	3.12	21.3	22.0	0.86	1350	0.47	0.71	7.2	2.1	640
Q934774		3.44	15.85	0.15	1.2	0.137	2.88	23.2	37.1	0.84	1310	0.44	0.22	7.5	2.6	650
Q934775		3.33	15.60	0.15	1.3	0.036	2.75	23.0	10.6	0.81	897	1.07	2.02	7.5	2.6	670

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135054

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q935232		18.0	111.0	<0.002	0.04	4.24	9.9	1	1.5	361	0.68	<0.05	11.9	0.257	1.33	3.8
Q935233		182.5	201	<0.002	1.45	25.7	10.0	<1	1.6	69.9	0.63	<0.05	13.4	0.221	2.98	7.2
Q935234		260	123.0	<0.002	0.24	9.58	6.4	1	1.1	68.3	1.25	<0.05	15.7	0.164	2.35	9.9
Q935235		1245	162.5	<0.002	4.45	62.9	9.1	2	7.8	94.4	0.52	0.89	11.6	0.201	2.60	5.4
Q935236		248	125.5	<0.002	8.03	77.7	6.0	1	3.6	67.6	0.33	1.21	6.8	0.140	1.71	6.1
Q935237		20.8	110.0	<0.002	0.05	11.20	9.5	1	1.9	262	0.59	<0.05	10.0	0.259	1.71	2.7
Q935238		154.0	155.0	<0.002	1.05	60.6	7.8	1	2.0	84.4	0.43	<0.05	9.3	0.169	2.26	14.1
Q935239		188.0	156.0	0.002	1.09	61.4	7.8	1	2.1	86.1	0.45	<0.05	9.4	0.173	2.27	14.2
Q935240		54.6	146.0	<0.002	0.03	6.77	12.2	1	1.8	140.0	0.73	<0.05	16.1	0.289	1.97	2.9
Q935241		20.1	151.5	<0.002	0.03	5.55	12.5	1	1.7	108.5	0.65	<0.05	14.4	0.289	1.88	3.1
Q935242		27.5	125.0	<0.002	0.01	4.20	12.9	<1	1.8	134.0	0.66	<0.05	14.4	0.295	1.51	3.0
Q935243		14.2	126.5	<0.002	0.05	4.03	11.8	<1	1.6	112.0	0.68	<0.05	14.6	0.260	1.41	2.8
Q935244		1.5	3.7	<0.002	<0.01	0.09	0.3	<1	<0.2	45.0	<0.05	<0.05	<0.2	0.005	0.03	0.6
Q935245		20.7	115.5	<0.002	0.02	4.76	11.8	1	1.8	141.5	0.69	<0.05	15.3	0.292	1.41	2.7
Q935246		17.8	88.3	<0.002	0.03	3.27	12.3	1	1.6	141.5	0.69	<0.05	14.9	0.286	1.09	2.1
Q935247		22.9	122.0	<0.002	0.04	4.26	12.8	1	1.6	123.5	0.75	<0.05	14.5	0.295	1.45	2.7
Q935248		23.9	108.5	<0.002	0.03	4.36	11.6	1	1.8	147.5	0.63	<0.05	13.6	0.266	1.24	2.7
Q935249		23.1	125.0	<0.002	<0.01	8.58	12.3	2	1.6	63.8	0.70	<0.05	14.8	0.269	1.42	3.1
Q935250		476	167.0	0.003	2.64	29.2	9.5	1	5.9	110.5	0.51	0.30	11.7	0.205	2.58	5.2
Q934537		28.7	107.0	<0.002	0.01	16.95	12.0	1	1.8	90.5	0.65	<0.05	13.7	0.266	1.31	3.3
Q934538		26.8	91.6	<0.002	0.09	11.10	9.3	1	2.2	158.0	0.51	<0.05	9.2	0.213	1.46	2.6
Q934539		29.9	104.0	<0.002	0.01	5.64	11.6	1	1.8	91.9	0.57	<0.05	12.1	0.252	1.40	4.7
Q934540		1.7	2.4	<0.002	0.03	0.07	0.2	<1	<0.2	44.5	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q934541		15.3	88.7	<0.002	0.09	6.13	9.3	1	2.2	110.0	0.47	<0.05	10.3	0.228	1.44	2.8
Q934542		14.5	77.7	<0.002	0.13	6.86	9.2	1	1.5	126.0	0.56	<0.05	8.7	0.254	1.71	3.2
Q934543		17.3	90.9	<0.002	0.24	4.97	10.2	1	1.9	136.0	0.55	<0.05	9.7	0.267	1.58	3.2
Q934544		14.3	74.5	<0.002	0.05	3.29	11.1	<1	1.5	257	0.67	<0.05	10.3	0.284	1.29	2.9
Q934545		39.3	93.9	<0.002	0.23	7.89	10.6	1	1.7	173.0	0.65	<0.05	10.9	0.269	1.49	3.3
Q934546		31.6	90.8	<0.002	0.22	9.15	10.9	1	2.0	171.5	0.66	<0.05	10.4	0.276	1.57	3.3
Q934547		49.3	83.2	<0.002	0.15	3.47	11.3	1	1.9	214	0.65	<0.05	10.2	0.276	1.42	3.5
Q934548		21.2	99.2	<0.002	0.16	4.57	10.9	1	1.9	182.5	0.69	<0.05	10.4	0.271	1.56	2.8
Q934549		10.6	102.0	<0.002	0.08	3.82	9.9	1	1.5	164.0	0.57	<0.05	9.6	0.251	1.59	2.2
Q934550		28.5	94.9	<0.002	0.12	5.75	10.3	<1	1.6	154.5	0.73	<0.05	9.8	0.274	1.73	2.6
Q934773		7.8	133.5	<0.002	0.23	5.58	10.2	1	2.1	134.0	0.66	<0.05	12.7	0.281	1.76	3.1
Q934774		107.5	121.0	<0.002	0.30	6.99	11.5	1	2.7	208	0.67	<0.05	12.4	0.290	1.74	17.5
Q934775		15.5	105.0	<0.002	0.03	2.62	11.5	1	1.5	351	0.64	<0.05	13.3	0.303	1.13	3.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135054

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q935232		68	1.8	15.4	47	29.8
Q935233		58	5.4	14.2	565	27.3
Q935234		43	2.4	12.3	706	31.4
Q935235		58	5.6	11.4	2340	30.3
Q935236		46	50.4	10.2	905	15.8
Q935237		69	3.3	14.1	77	30.5
Q935238		50	3.8	10.2	440	19.9
Q935239		51	3.9	10.5	509	21.2
Q935240		78	1.4	14.8	189	30.3
Q935241		79	1.6	15.0	165	27.7
Q935242		83	2.1	15.2	230	28.3
Q935243		79	2.8	13.8	183	28.8
Q935244		2	0.1	0.9	14	<0.5
Q935245		81	1.7	13.7	186	28.4
Q935246		79	1.4	13.0	242	28.6
Q935247		81	1.7	14.4	279	31.1
Q935248		79	1.7	13.0	301	29.2
Q935249		85	2.8	13.3	218	34.7
Q935250		63	5.3	12.4	874	31.8
Q934537		85	2.4	16.5	263	29.9
Q934538		111	2.2	10.8	140	24.2
Q934539		84	2.6	15.2	182	33.4
Q934540		2	0.1	0.8	14	<0.5
Q934541		70	1.9	11.7	142	25.5
Q934542		70	1.4	9.8	109	26.6
Q934543		78	2.2	10.7	121	30.3
Q934544		79	1.6	10.6	133	33.4
Q934545		74	2.0	11.1	131	33.0
Q934546		80	2.3	10.4	129	34.6
Q934547		76	1.2	11.2	154	31.6
Q934548		71	1.6	11.2	96	33.9
Q934549		71	1.7	10.0	73	31.5
Q934550		75	1.8	11.1	92	35.8
Q934773		67	1.5	11.4	57	31.2
Q934774		84	1.8	13.4	219	30.5
Q934775		83	1.1	12.1	63	30.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135054

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

CERTIFICATE WH14135055

Project: KLAZA

P.O. No.: Batch 207

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135055

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934776		2.82	<0.005	0.39	6.61	23.0	1040	1.30	0.10	3.39	0.36	38.8	7.1	11	9.68	6.4
Q934777		4.63	<0.005	0.01	0.09	<0.2	30	0.06	0.03	20.4	0.07	1.33	0.6	1	0.17	1.8
Q934778		12.50	<0.005	0.07	6.66	2.6	1750	1.28	0.20	2.56	0.10	40.2	8.2	10	7.01	4.7
Q934779		5.58	<0.005	0.12	6.55	10.0	1200	1.21	0.44	3.34	0.14	37.0	8.4	14	8.65	2.3
Q934780		0.53	0.359	4.47	6.86	678	560	1.36	3.22	2.02	10.70	49.7	12.0	25	13.15	316
Q934781		1.80	<0.005	0.47	6.55	8.7	1770	1.43	1.34	3.46	0.09	29.1	10.7	7	20.9	2.3
Q934782		4.21	0.061	3.58	6.87	243	1740	1.32	0.29	2.78	20.0	38.7	7.8	9	12.70	23.4
Q934783		5.06	<0.005	0.01	0.10	0.3	50	0.09	0.03	20.5	0.08	1.25	0.7	<1	0.22	1.9
Q934784		6.92	<0.005	0.12	7.44	5.7	5860	1.46	2.37	4.96	0.15	48.7	7.0	10	14.60	4.8
Q934785		6.98	<0.005	0.18	8.43	14.4	7600	1.73	10.25	9.96	0.47	39.3	4.3	6	17.95	1.4
Q934786		8.37	<0.005	0.09	5.98	10.4	1480	1.24	0.37	2.83	0.07	37.6	7.5	13	7.18	2.3
Q934787		5.08	<0.005	0.10	6.21	16.1	1550	1.36	0.41	2.80	0.15	40.6	8.5	13	7.73	4.2
Q934788		11.49	<0.005	0.08	6.60	3.0	1160	1.22	0.43	2.77	0.05	37.1	7.9	15	8.17	3.3
Q934789		3.39	<0.005	0.07	6.57	8.0	2420	1.31	0.28	3.16	0.08	37.0	8.4	13	8.39	3.2
Q934790		6.35	<0.005	0.20	4.71	3.5	3230	0.88	0.95	2.32	0.05	22.5	5.3	12	6.17	2.0
Q934791		6.16	<0.005	0.09	6.90	5.2	1230	1.33	0.57	2.44	0.07	39.0	8.2	10	7.26	2.5
Q934792		8.84	<0.005	0.06	6.95	8.8	3510	1.55	0.22	2.75	0.12	33.7	8.1	11	10.30	1.8
Q934793		<0.02	<0.005	0.05	6.88	8.3	3600	1.50	0.22	2.66	0.11	32.8	7.9	12	10.10	2.8
Q934794		10.50	<0.005	0.03	6.67	38.5	200	1.41	0.10	3.64	0.10	50.5	10.1	43	23.2	10.0
Q934795		13.59	<0.005	0.10	6.54	4.5	2250	1.56	0.17	2.91	0.10	35.9	8.4	10	10.00	11.6
Q934796		12.77	<0.005	0.03	6.51	2.0	2050	1.45	0.08	2.98	0.06	36.0	7.6	9	7.66	4.6
Q934797		7.64	<0.005	0.12	7.11	5.4	740	1.61	0.47	2.25	0.27	44.3	7.1	10	11.20	3.0
Q934798		7.46	0.059	0.70	7.13	25.5	1660	1.55	1.07	2.24	0.13	49.1	10.1	10	12.00	37.8
Q934799		0.30	0.865	11.80	6.71	1555	960	1.40	11.65	1.84	32.8	46.1	17.8	16	13.80	291
Q934800		4.87	<0.005	0.26	6.67	19.9	4020	1.40	0.19	3.15	0.17	42.1	7.3	9	14.40	10.4
Q934651		4.01	<0.005	0.09	6.35	7.4	2030	1.59	0.21	2.71	0.14	38.0	6.1	12	12.25	11.4
Q934652		9.31	<0.005	0.07	7.02	16.3	1800	1.47	0.20	2.11	0.13	40.3	8.2	9	13.65	5.3
Q934653		6.47	<0.005	0.08	6.92	14.1	1990	1.54	0.19	2.48	0.19	41.9	8.8	12	14.60	6.3
Q934654		4.49	<0.005	0.57	7.12	62.1	1690	1.56	0.21	2.51	4.56	45.1	7.9	9	17.50	8.6
Q934655		11.96	<0.005	0.04	7.20	25.1	1710	1.88	0.23	2.25	0.25	60.7	7.2	12	24.8	9.0
Q934656		3.62	<0.005	0.14	7.96	47.7	1080	2.07	0.25	1.59	0.19	71.0	4.4	13	34.1	5.4
Q934657		3.86	0.224	2.68	6.61	591	780	1.49	0.53	2.62	2.57	46.5	8.4	10	21.4	11.7
Q934658		9.92	0.005	0.11	6.90	51.5	2580	1.50	0.22	2.81	0.16	43.3	7.7	8	16.80	3.4
Q934659		9.20	<0.005	0.19	7.10	17.1	1570	1.72	1.06	2.80	0.21	38.4	9.6	8	14.60	2.8
Q934660		12.94	<0.005	0.14	7.10	21.4	1720	1.74	0.37	3.32	0.12	45.8	7.3	8	13.80	3.0
Q934661		9.26	0.052	0.34	6.89	83.1	1430	1.58	0.37	2.70	1.41	44.9	9.0	12	14.30	8.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135055

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934776		2.99	15.35	0.12	1.2	0.032	2.43	19.2	16.6	0.91	1680	0.58	1.26	7.0	2.7	570
Q934777		0.46	0.28	0.18	<0.1	<0.005	0.03	0.6	1.0	12.85	208	0.08	0.01	0.2	1.4	200
Q934778		2.81	15.85	0.17	1.2	0.033	2.57	19.6	16.0	0.85	882	0.50	1.85	7.5	2.8	610
Q934779		2.93	16.15	0.16	1.1	0.045	2.48	18.0	21.7	0.93	1460	0.59	1.46	7.4	3.2	660
Q934780		5.01	15.70	0.14	1.1	0.306	2.98	28.4	26.7	0.78	1880	14.45	0.16	5.8	14.3	530
Q934781		3.04	21.1	0.15	0.9	0.046	2.74	12.7	16.8	1.11	1120	3.55	1.35	5.6	2.4	460
Q934782		3.77	15.80	0.13	1.0	0.162	2.59	19.3	26.3	0.69	1200	0.74	0.75	6.9	2.5	640
Q934783		0.47	0.31	0.18	<0.1	<0.005	0.04	0.6	0.9	12.90	208	0.06	0.01	0.2	1.3	200
Q934784		3.11	19.45	0.22	1.1	0.098	2.21	25.1	15.9	0.81	1300	0.56	0.93	7.7	2.7	690
Q934785		4.72	37.8	0.14	1.2	0.425	2.02	18.4	18.5	0.41	2270	0.29	0.04	8.0	1.9	680
Q934786		2.54	14.70	0.17	1.0	0.034	1.96	18.9	17.1	0.82	930	0.75	1.42	6.2	2.5	580
Q934787		2.62	16.10	0.15	1.0	0.042	2.06	20.0	18.5	0.81	970	0.84	1.45	6.7	2.7	610
Q934788		2.82	16.00	0.16	1.1	0.029	2.19	18.1	13.7	0.78	981	1.40	1.64	6.6	2.8	590
Q934789		2.99	15.35	0.14	1.0	0.033	2.17	17.5	15.4	0.77	1200	0.56	1.77	6.9	2.8	640
Q934790		2.16	13.85	0.13	0.5	0.019	1.81	11.1	28.0	0.72	907	4.82	0.66	3.1	1.8	290
Q934791		2.79	17.45	0.15	1.0	0.035	2.19	19.2	19.7	0.71	971	0.49	1.88	7.0	2.8	620
Q934792		2.85	17.15	0.16	1.2	0.036	2.37	14.2	15.1	0.69	884	0.47	2.32	7.6	2.8	630
Q934793		2.83	16.50	0.16	1.2	0.032	2.33	13.8	15.0	0.67	857	0.56	2.28	7.2	2.6	610
Q934794		3.22	18.75	0.19	4.3	0.036	1.94	23.9	40.7	1.23	674	1.20	1.34	10.3	16.1	1650
Q934795		2.99	15.25	0.16	1.2	0.048	2.40	17.4	19.0	0.91	1020	0.67	1.64	7.5	3.0	630
Q934796		2.83	14.75	0.14	1.3	0.031	2.08	16.7	16.0	0.71	762	0.45	1.96	7.3	2.4	600
Q934797		3.08	16.75	0.15	1.3	0.060	2.81	22.0	26.3	0.85	1700	0.68	0.62	7.5	2.6	620
Q934798		3.86	15.15	0.16	1.0	0.093	2.82	25.9	33.4	0.88	1740	0.72	0.71	7.3	3.7	600
Q934799		6.51	15.45	0.11	1.0	0.818	2.88	24.9	20.1	0.77	1780	8.58	0.13	6.2	12.7	540
Q934800		3.12	14.45	0.16	1.1	0.055	2.60	21.9	30.8	1.05	1800	1.42	0.56	7.0	2.6	590
Q934651		2.59	14.30	0.16	1.2	0.041	2.73	19.1	19.5	0.84	1360	1.02	1.10	7.8	2.5	580
Q934652		3.02	15.15	0.18	0.9	0.044	2.55	20.4	22.7	0.68	1040	0.50	1.70	7.1	2.7	620
Q934653		3.36	15.70	0.16	1.0	0.065	3.03	21.3	28.9	0.81	1660	0.75	1.19	7.2	2.7	630
Q934654		3.34	15.65	0.14	1.1	0.069	3.46	23.5	24.3	0.83	3360	0.66	0.46	7.3	2.9	640
Q934655		2.30	18.40	0.19	2.4	0.031	1.91	31.1	119.5	0.67	999	0.87	0.07	11.7	2.8	920
Q934656		1.98	19.55	0.21	2.7	0.033	2.45	37.3	114.5	0.62	943	1.26	0.06	12.0	2.8	940
Q934657		3.37	14.65	0.17	1.2	0.075	2.73	25.6	23.5	0.84	3860	2.78	0.03	7.4	3.4	590
Q934658		3.07	15.75	0.18	1.1	0.048	2.72	22.6	33.8	0.94	1670	0.48	0.69	7.3	2.7	580
Q934659		3.52	16.10	0.20	1.2	0.060	2.62	18.7	33.8	0.78	1420	0.37	1.36	7.9	2.6	620
Q934660		3.12	14.90	0.23	1.3	0.054	3.19	24.5	18.6	0.91	1670	0.33	0.40	7.6	2.6	610
Q934661		3.58	15.40	0.15	1.0	0.074	2.81	22.9	60.3	0.86	2560	0.66	0.99	7.3	2.9	620

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135055

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934776		57.0	89.2	<0.002	0.29	4.01	9.9	1	1.7	169.5	0.65	<0.05	9.7	0.253	1.44	4.0
Q934777		1.3	1.2	<0.002	<0.01	0.05	0.2	<1	<0.2	49.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
Q934778		12.3	92.0	<0.002	0.07	2.12	10.5	<1	1.5	228	0.63	<0.05	9.4	0.254	1.35	2.9
Q934779		19.5	90.7	<0.002	0.21	2.56	11.3	1	1.8	208	0.61	<0.05	8.1	0.276	1.48	2.7
Q934780		468	164.5	0.003	2.67	28.3	9.3	1	5.6	109.5	0.51	0.30	10.8	0.206	2.51	5.0
Q934781		12.5	94.1	0.002	0.19	1.89	8.0	1	1.2	197.0	0.45	<0.05	6.2	0.211	1.55	5.7
Q934782		1320	115.0	<0.002	1.40	10.00	11.0	1	2.5	252	0.52	<0.05	8.6	0.274	1.69	4.5
Q934783		2.6	1.5	<0.002	0.01	0.05	0.2	<1	<0.2	46.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.5
Q934784		21.9	119.5	<0.002	0.23	7.19	12.4	1	1.5	506	0.64	0.05	10.3	0.288	1.34	3.6
Q934785		49.9	79.2	<0.002	0.17	22.8	10.9	1	2.2	1115	0.67	<0.05	8.0	0.296	1.48	4.0
Q934786		12.8	91.9	<0.002	0.15	1.94	10.3	1	1.2	234	0.48	<0.05	8.6	0.252	1.03	3.0
Q934787		15.4	93.6	<0.002	0.17	2.06	11.0	1	1.6	244	0.52	<0.05	8.5	0.254	1.10	2.9
Q934788		12.7	97.9	<0.002	0.09	1.60	10.2	1	1.3	247	0.57	<0.05	8.2	0.246	1.08	3.3
Q934789		15.7	76.2	<0.002	0.14	2.04	10.3	<1	1.3	276	0.58	<0.05	8.1	0.269	1.00	3.2
Q934790		7.9	100.0	0.005	0.61	1.66	5.5	<1	0.8	189.5	0.26	0.10	4.9	0.121	0.96	2.5
Q934791		9.2	90.7	<0.002	0.23	1.30	10.5	1	1.5	197.5	0.60	<0.05	8.8	0.249	1.18	2.9
Q934792		15.9	79.6	<0.002	0.11	2.65	10.2	<1	1.6	336	0.64	<0.05	8.1	0.270	1.15	3.6
Q934793		15.9	78.4	<0.002	0.11	2.59	10.0	<1	1.6	332	0.65	<0.05	7.7	0.252	1.18	3.5
Q934794		19.9	44.0	<0.002	0.01	8.48	7.4	1	1.2	525	0.64	<0.05	5.1	0.431	0.81	2.4
Q934795		16.1	81.0	<0.002	0.16	3.43	10.3	1	1.6	239	0.61	<0.05	9.1	0.266	1.34	2.7
Q934796		12.5	64.6	<0.002	0.05	2.89	9.7	1	1.5	228	0.67	<0.05	8.6	0.262	0.98	2.8
Q934797		17.3	116.0	<0.002	0.12	4.18	11.2	1	1.6	154.5	0.68	<0.05	12.1	0.266	1.78	4.0
Q934798		18.3	133.5	<0.002	0.66	6.84	11.5	1	1.9	171.5	0.60	<0.05	12.4	0.259	2.11	3.7
Q934799		1300	162.5	<0.002	4.60	63.8	9.6	1	8.0	98.2	0.51	1.16	11.3	0.201	2.48	5.1
Q934800		22.3	106.0	<0.002	0.24	5.73	10.7	1	1.6	220	0.60	<0.05	11.7	0.256	2.15	4.8
Q934651		15.2	108.5	<0.002	0.08	4.09	10.7	1	1.7	222	0.79	<0.05	11.2	0.249	1.89	3.7
Q934652		24.0	85.9	<0.002	0.04	3.89	10.8	<1	1.6	400	0.58	<0.05	10.2	0.263	1.23	3.0
Q934653		24.5	125.5	<0.002	0.10	5.54	11.8	1	1.8	306	0.58	<0.05	10.8	0.285	1.93	3.7
Q934654		82.6	151.5	<0.002	0.27	8.36	11.8	<1	1.7	216	0.62	<0.05	12.5	0.279	2.54	3.9
Q934655		15.7	62.6	<0.002	0.06	12.30	6.0	<1	2.1	524	0.79	<0.05	9.7	0.259	1.43	4.3
Q934656		18.3	92.4	<0.002	0.12	14.55	6.4	1	1.7	547	0.83	<0.05	11.3	0.276	2.07	5.1
Q934657		115.0	149.5	<0.002	1.54	20.2	9.7	<1	2.0	227	0.59	<0.05	11.8	0.232	2.40	6.2
Q934658		23.6	120.5	0.002	0.23	6.32	10.8	1	1.6	246	0.64	<0.05	12.2	0.263	2.11	3.0
Q934659		21.5	100.0	<0.002	0.29	5.10	11.2	<1	1.7	247	0.72	<0.05	12.8	0.268	1.65	4.2
Q934660		13.0	144.0	<0.002	0.17	4.65	11.2	1	1.7	195.0	0.74	<0.05	13.4	0.252	2.25	4.6
Q934661		48.6	106.5	<0.002	0.30	6.92	11.4	<1	1.8	301	0.61	<0.05	10.7	0.260	1.92	4.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135055

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934776		73	1.6	11.3	114	29.5
Q934777		3	0.1	0.8	16	<0.5
Q934778		74	1.9	9.8	67	34.0
Q934779		84	1.9	10.7	97	27.1
Q934780		64	5.6	11.2	898	30.3
Q934781		102	1.5	9.4	88	24.4
Q934782		80	1.7	11.4	2320	24.5
Q934783		3	0.1	0.8	21	<0.5
Q934784		105	1.2	14.7	118	27.2
Q934785		189	2.3	14.6	61	28.9
Q934786		75	1.3	10.5	111	22.7
Q934787		81	1.4	10.6	125	23.5
Q934788		82	1.6	10.1	120	25.0
Q934789		80	1.7	10.9	130	24.3
Q934790		84	0.8	6.9	70	12.2
Q934791		75	2.0	9.7	155	25.1
Q934792		82	1.0	9.7	122	28.5
Q934793		82	1.0	9.5	121	28.9
Q934794		89	0.9	9.7	83	181.0
Q934795		76	1.3	9.7	72	31.1
Q934796		74	1.0	9.5	73	34.1
Q934797		79	1.9	11.4	142	33.0
Q934798		68	3.7	12.4	84	26.8
Q934799		61	5.9	11.6	2350	28.2
Q934800		65	3.0	11.5	76	26.6
Q934651		69	1.6	12.0	77	30.6
Q934652		73	2.5	12.9	151	24.9
Q934653		81	2.8	14.4	145	25.9
Q934654		80	3.4	15.2	479	26.8
Q934655		50	1.4	11.5	77	87.5
Q934656		52	2.0	13.6	72	94.9
Q934657		62	3.7	11.8	279	35.7
Q934658		71	2.7	12.0	118	28.9
Q934659		75	2.7	11.3	148	29.5
Q934660		68	2.1	13.2	115	31.7
Q934661		72	3.3	12.5	248	25.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135055

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	SPL-21	SPL-21d	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61	PUL-31	PUL-31d
PUL-QC			

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

CERTIFICATE WH14135056

Project: KLAZA

P.O. No.: Batch 208

This report is for 10 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135056

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q934662		7.17	<0.005	0.23	7.40	13.1	1770	1.91	1.29	2.62	0.41	39.6	9.0	10	17.00	8.0
Q934663		5.31	<0.005	<0.01	0.08	<0.2	30	0.05	0.04	20.3	0.08	1.16	0.7	<1	0.22	4.6
Q934664		6.07	0.012	0.34	6.29	23.6	1690	1.51	1.20	3.61	0.37	39.2	8.6	6	18.75	7.7
Q934665		5.97	0.009	0.45	6.99	18.4	3630	1.76	0.72	3.29	1.03	37.7	7.9	8	20.4	6.3
Q934666		0.35	0.837	11.50	6.63	1550	880	1.44	12.50	1.84	32.5	45.0	17.4	17	13.65	286
Q934667		3.06	0.019	1.30	7.61	81.0	1200	2.37	0.72	3.35	4.22	58.7	8.0	10	37.2	8.8
Q934668		8.31	0.107	3.25	7.17	465	390	1.66	0.11	2.71	3.21	45.5	9.3	8	22.3	12.3
Q934669		8.10	0.008	0.35	7.23	56.5	1580	1.68	0.97	2.05	0.77	44.4	8.2	12	15.70	4.4
Q934670		<0.02	0.009	0.42	7.34	56.7	1610	1.63	1.11	2.05	0.87	45.0	8.8	12	16.30	4.0
Q934671		10.66	0.060	5.44	6.85	38.0	1690	1.55	11.55	2.55	0.27	37.2	8.2	9	17.05	5.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135056

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q934662		3.13	17.45	0.15	1.1	0.072	2.34	18.9	30.0	0.78	1420	0.58	2.35	8.3	3.0	690
Q934663		0.49	0.31	0.26	<0.1	0.006	0.03	0.6	1.4	12.40	220	0.53	0.01	0.1	1.9	170
Q934664		2.99	13.35	0.24	0.9	0.061	2.18	20.1	49.5	0.97	1700	0.23	0.99	6.7	2.7	570
Q934665		2.94	15.65	0.21	1.2	0.054	2.75	18.3	73.8	0.91	2410	0.49	1.12	8.1	3.4	670
Q934666		6.45	15.25	0.15	1.0	0.800	2.88	24.1	20.0	0.76	1770	8.56	0.13	6.1	12.2	520
Q934667		2.73	18.90	0.19	2.0	0.055	2.87	30.2	54.1	0.99	3580	1.20	0.05	11.0	3.4	810
Q934668		2.98	16.60	0.21	1.2	0.055	2.88	23.8	50.4	0.86	3020	3.24	0.04	7.4	3.3	620
Q934669		3.82	15.85	0.17	1.2	0.119	3.30	23.6	39.3	0.72	2210	1.03	0.21	7.8	2.9	630
Q934670		3.87	16.45	0.18	1.2	0.116	3.46	23.5	40.2	0.73	2230	1.13	0.21	8.1	2.9	620
Q934671		3.05	15.90	0.18	1.2	0.092	3.00	18.4	52.8	0.74	1120	0.90	0.18	7.6	2.5	610

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135056

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q934662		33.8	80.3	<0.002	0.11	4.33	12.2	<1	2.0	404	0.70	<0.05	10.8	0.295	1.36	3.2
Q934663		1.1	1.3	<0.002	0.01	<0.05	0.2	<1	<0.2	52.1	<0.05	<0.05	<0.2	<0.005	0.02	0.7
Q934664		26.4	83.3	<0.002	0.46	4.71	9.9	1	1.4	305	0.56	<0.05	10.3	0.245	1.55	2.7
Q934665		67.4	86.6	<0.002	0.18	9.31	11.3	<1	1.8	417	0.68	<0.05	10.1	0.291	1.85	3.5
Q934666		1290	162.0	<0.002	4.54	63.0	9.3	1	8.0	97.9	0.51	1.00	11.4	0.209	2.47	5.3
Q934667		157.5	99.9	<0.002	0.43	11.65	9.0	1	1.8	505	0.77	<0.05	10.8	0.282	1.93	5.8
Q934668		194.5	135.0	<0.002	0.50	18.80	11.9	1	1.5	281	0.62	<0.05	12.0	0.267	2.37	6.9
Q934669		22.4	157.5	<0.002	0.41	6.86	11.7	<1	1.8	149.0	0.70	<0.05	13.5	0.271	2.22	4.0
Q934670		21.6	161.5	<0.002	0.43	7.20	12.1	1	1.9	150.0	0.70	<0.05	13.7	0.273	2.26	4.0
Q934671		40.0	117.5	<0.002	0.30	7.51	11.0	1	1.6	187.5	0.64	<0.05	11.2	0.266	1.98	3.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135056

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q934662		81	2.4	12.8	228	29.5
Q934663		2	0.1	0.8	17	<0.5
Q934664		65	2.0	12.4	184	23.7
Q934665		75	2.8	13.3	218	28.8
Q934666		60	6.0	11.5	2430	28.3
Q934667		72	3.7	14.3	369	73.2
Q934668		79	3.1	14.8	280	30.3
Q934669		74	3.5	13.3	135	29.4
Q934670		76	3.5	13.4	134	29.8
Q934671		75	3.3	12.1	66	31.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135056

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2014
Account: ROCKHA

CERTIFICATE WH14135057

Project: KLAZA

P.O. No.: Batch 209

This report is for 12 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-32	Fine Crushing 90% <2mm
SPL-21	Split sample - riffle splitter
PUL-35a	Pulv 1 kg split to 95%<106 um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

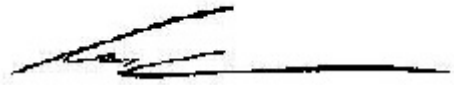
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
As-OG62	Ore Grade As - Four Acid	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135057

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
Q934880		2.98	0.284		6.55	5.44	1120	210	1.43	0.74	2.80	10.75	35.2	7.7	7	11.15
Q934881		2.63	0.068		1.65	7.01	378	1170	1.52	0.82	2.80	6.91	45.2	11.5	8	11.10
Q934882		2.59	0.439		12.60	6.28	909	410	1.28	2.75	1.06	25.9	38.3	13.6	7	7.65
Q934883		0.15	>10.0	NSS	>100	4.45	159.5	710	0.46	1.91	2.05	843	19.10	59.9	44	1.32
Q934884		4.51	>10.0	16.45	>100	1.47	>10000	90	0.24	13.75	1.49	771	21.7	8.6	8	1.27
Q934885		4.17	>10.0	16.15	>100	2.54	>10000	110	0.53	5.70	4.69	893	12.45	4.9	3	2.52
Q934886		5.66	0.008		0.46	0.07	20.2	30	0.06	0.04	20.1	0.31	1.22	0.9	1	0.31
Q934887		4.75	0.186		4.85	7.09	270	430	1.37	1.18	1.10	21.6	47.4	6.5	9	7.84
Q934888		3.69	3.68		20.9	4.97	337	410	1.24	10.65	3.05	10.30	37.1	18.6	5	11.45
Q934889		8.49	0.009		0.59	6.97	43.9	4340	1.52	0.61	3.55	0.54	43.8	8.3	8	17.90
Q934890		3.52	0.018		0.48	7.11	33.7	4500	1.65	0.46	3.34	0.44	46.8	9.3	7	18.95
Q934891		3.57	0.124		26.8	6.87	707	790	1.72	0.35	1.95	80.1	54.8	8.5	7	23.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135057

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q934880		24.9	4.26	12.50	0.13	1.0	0.345	2.37	18.8	23.6	1.11	1970	3.85	0.04	5.8	2.4
Q934881		21.3	4.63	15.50	0.15	0.9	0.145	3.23	25.6	9.3	1.11	3500	1.00	0.03	6.5	2.6
Q934882		38.3	5.85	14.35	0.12	0.7	0.958	2.91	20.9	10.4	0.58	2590	1.10	0.03	5.6	2.5
Q934883		>10000	9.25	16.30	0.13	0.5	3.12	0.82	8.8	6.0	0.80	1630	159.5	1.09	2.0	18.8
Q934884		3200	14.75	7.24	0.08	0.1	23.8	0.68	13.9	7.5	0.58	2400	4.11	0.01	1.0	1.5
Q934885		3620	11.85	7.97	0.05	0.3	39.7	1.14	5.3	6.1	1.71	5900	4.99	0.01	2.2	1.5
Q934886		3.5	0.46	0.27	0.07	<0.1	0.010	0.03	0.6	1.2	11.90	201	0.06	0.01	0.2	1.8
Q934887		48.8	5.51	15.00	0.10	0.8	0.224	3.37	26.1	4.8	0.59	2190	0.78	0.03	6.3	2.7
Q934888		808	5.98	12.40	0.08	1.1	0.400	1.97	20.5	21.7	1.12	3800	22.6	0.03	4.8	4.1
Q934889		10.3	3.49	15.90	0.13	1.2	0.077	3.25	22.9	17.3	1.09	2560	0.69	0.09	7.5	2.3
Q934890		12.1	3.58	16.10	0.16	1.3	0.070	3.24	23.9	17.4	1.07	2540	0.52	0.11	8.1	2.5
Q934891		15.3	3.80	15.35	0.13	1.5	0.070	2.48	30.8	44.3	0.72	8420	1.87	0.04	7.9	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135057

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
Q934880		490	613	136.5	<0.002	2.41	21.8	7.4	<1	4.1	178.5	0.44	<0.05	7.7	0.191	2.04
Q934881		590	282	192.0	<0.002	1.73	10.75	11.4	<1	4.8	119.5	0.53	0.06	11.9	0.255	2.67
Q934882		520	626	181.0	<0.002	4.64	23.9	10.1	<1	8.4	58.4	0.46	0.08	9.8	0.220	2.22
Q934883		580	>10000	26.8	0.068	>10.0	181.0	11.0	9	18.9	225	0.15	0.52	1.8	0.179	7.83
Q934884		90	>10000	45.6	<0.002	>10.0	2110	2.1	1	30.9	32.3	0.09	0.31	1.8	0.043	2.26
Q934885		190	>10000	70.5	<0.002	>10.0	2220	4.1	1	23.6	91.5	0.18	0.09	3.3	0.086	1.59
Q934886		180	9.1	1.5	<0.002	0.01	0.81	0.2	1	<0.2	44.8	<0.05	<0.05	<0.2	<0.005	0.02
Q934887		570	932	198.0	<0.002	3.76	17.15	11.3	1	6.7	49.5	0.54	<0.05	11.2	0.255	2.57
Q934888		320	521	110.5	0.002	2.76	80.2	6.2	1	2.2	159.5	0.50	0.07	11.7	0.145	2.02
Q934889		690	38.5	146.0	<0.002	0.42	7.51	11.1	<1	1.8	207	0.68	<0.05	11.4	0.260	2.47
Q934890		760	36.1	140.0	<0.002	0.37	7.76	12.0	1	2.3	219	0.74	0.05	11.7	0.290	2.49
Q934891		660	1760	138.5	<0.002	1.91	30.7	8.3	<1	2.6	254	0.64	<0.05	11.3	0.240	2.29

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135057

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	As-OG62
	Analyte	U	V	W	Y	Zn	Zr	Ag	Cu	Pb	Zn	As
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	1	0.001	0.001	0.001	0.001
Q934880		4.8	51	6.1	7.2	886	32.5					
Q934881		3.7	75	4.1	12.4	573	21.4					
Q934882		3.1	67	4.5	7.9	1860	18.1					
Q934883		2.1	122	8.3	12.0	>10000	11.5	129	2.84	2.41	15.15	
Q934884		1.4	15	1.1	3.0	>10000	3.7	1440		8.92	5.57	3.30
Q934885		2.4	26	2.9	5.0	>10000	8.2	1430		2.72	6.79	5.46
Q934886		0.6	2	0.1	0.8	33	<0.5					
Q934887		3.5	74	3.7	9.8	1600	19.2					
Q934888		5.2	41	6.9	8.8	895	31.4					
Q934889		4.6	77	3.3	15.4	122	27.9					
Q934890		5.1	81	3.7	17.0	124	32.9					
Q934891		4.4	56	5.8	11.5	4310	48.9					

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135057

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

REE's may not be totally soluble in this method.
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-32	CRU-QC	LOG-22	LOG-23
	SPL-21	WEI-21		

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG62	As-OG62	Au-AA24	Au-GRA22
	BAG-01	Cu-OG62	ME-MS61	ME-OG62
	Pb-OG62	PUL-35a	PUL-QC	Zn-OG62

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

CERTIFICATE WH14135058

Project: KLAZA

This report is for 142 Soil samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2014.

The following have access to data associated with this certificate:

MATT DUMALA	JOAN MARIACHER	JARED TARSWELL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

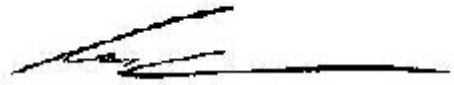
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
ZZ61501		0.45	<0.2	1.05	10	<10	140	<0.5	<2	0.40	<0.5	8	27	10	3.08	<10
ZZ61502		0.45	<0.2	0.99	11	<10	170	<0.5	<2	0.39	<0.5	9	23	11	2.35	<10
ZZ61503		0.70	<0.2	1.20	11	<10	210	0.5	<2	0.45	<0.5	9	27	12	2.56	<10
ZZ61504		0.58	<0.2	1.09	11	<10	210	0.5	2	0.45	<0.5	9	21	10	2.45	<10
ZZ61505		0.46	<0.2	1.30	15	<10	290	0.5	<2	0.67	<0.5	10	36	13	2.82	<10
ZZ61506		0.57	<0.2	1.17	10	<10	190	0.5	<2	0.40	<0.5	9	22	12	2.25	<10
ZZ61507		0.60	<0.2	1.31	11	<10	220	0.5	<2	0.45	<0.5	9	25	15	2.47	<10
ZZ61508		0.59	<0.2	1.40	10	<10	210	0.5	<2	0.48	<0.5	9	27	14	2.70	<10
ZZ61509		0.51	<0.2	1.33	9	<10	210	0.5	<2	0.45	<0.5	9	25	13	2.59	<10
ZZ61510		0.84	<0.2	1.39	11	<10	210	0.5	<2	0.49	<0.5	9	35	16	2.81	<10
ZZ61511		0.49	<0.2	1.11	9	<10	260	<0.5	<2	0.42	<0.5	5	20	10	2.17	<10
ZZ61512		0.54	<0.2	1.29	15	<10	330	0.5	<2	0.53	<0.5	7	24	16	2.48	<10
ZZ61513		0.65	<0.2	1.47	14	<10	330	0.6	2	0.56	<0.5	8	26	30	2.63	10
ZZ61514		0.51	<0.2	1.42	11	<10	270	0.5	<2	0.51	<0.5	10	27	20	2.47	<10
ZZ61515		0.46	<0.2	0.98	7	<10	220	<0.5	<2	0.48	<0.5	8	21	12	2.19	<10
ZZ61516		0.35	<0.2	0.94	5	<10	240	<0.5	<2	0.56	<0.5	7	20	11	2.18	<10
ZZ61517		0.66	<0.2	1.18	10	<10	180	<0.5	2	0.34	<0.5	5	22	11	2.35	<10
ZZ61518		0.73	<0.2	0.96	8	<10	190	<0.5	<2	0.44	<0.5	6	25	13	2.57	<10
ZZ61519		0.69	<0.2	1.39	10	<10	190	<0.5	<2	0.50	<0.5	8	28	19	2.23	<10
ZZ61520		0.62	<0.2	1.52	12	<10	200	0.5	<2	0.49	<0.5	9	28	19	2.63	<10
ZZ61521		0.48	<0.2	1.22	9	<10	210	<0.5	<2	0.51	<0.5	8	25	17	2.44	<10
ZZ61522		0.46	<0.2	1.19	10	<10	200	<0.5	<2	0.49	<0.5	7	24	16	2.43	<10
ZZ61523		0.67	0.2	1.10	12	<10	190	<0.5	<2	0.47	<0.5	8	28	18	2.63	<10
ZZ61524		0.65	<0.2	1.13	15	<10	210	<0.5	<2	0.49	<0.5	9	27	20	2.74	<10
ZZ61525		0.71	<0.2	1.28	9	<10	270	0.5	<2	0.56	<0.5	9	35	22	2.86	<10
ZZ61526		0.74	<0.2	1.66	14	<10	230	0.6	2	0.39	<0.5	7	31	17	3.38	<10
ZZ61527		0.99	<0.2	1.25	10	<10	240	<0.5	<2	0.43	<0.5	7	26	16	2.38	<10
ZZ61528		0.75	<0.2	1.25	10	<10	190	<0.5	<2	0.51	<0.5	8	27	14	2.31	<10
ZZ61529		0.60	<0.2	1.29	11	<10	190	<0.5	<2	0.39	<0.5	7	23	18	2.19	<10
ZZ61530		0.62	<0.2	1.35	12	<10	250	0.5	<2	0.47	<0.5	9	27	20	2.52	<10
ZZ61531		0.57	<0.2	1.33	11	<10	250	0.5	<2	0.46	<0.5	9	26	19	2.35	<10
ZZ61532		0.49	<0.2	1.21	9	<10	210	<0.5	<2	0.49	<0.5	8	29	18	2.70	<10
ZZ61533		0.52	<0.2	1.23	10	<10	210	<0.5	<2	0.51	<0.5	8	32	19	2.70	<10
ZZ61534		0.72	<0.2	1.19	8	<10	190	<0.5	<2	0.41	<0.5	6	26	13	2.32	<10
ZZ61535		0.84	<0.2	1.20	8	<10	200	<0.5	<2	0.48	<0.5	7	32	15	2.67	<10
ZZ61536		0.83	<0.2	1.89	12	<10	260	0.5	<2	0.58	<0.5	10	44	21	2.78	10
ZZ61537		0.54	<0.2	1.78	10	<10	250	0.5	<2	0.55	<0.5	9	38	19	2.71	10
ZZ61538		0.71	<0.2	1.41	9	<10	260	<0.5	<2	0.58	<0.5	10	43	18	2.79	10
ZZ61539		0.59	<0.2	1.38	7	<10	250	<0.5	3	0.55	<0.5	9	39	16	2.65	10
ZZ61540		0.64	<0.2	1.56	13	<10	170	0.5	<2	0.30	<0.5	7	28	13	2.75	10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
ZZ61501		<1	0.07	20	0.34	493	1	0.01	9	970	11	<0.01	<2	3	24	<20
ZZ61502		1	0.07	20	0.38	593	1	0.03	12	970	14	0.01	4	3	24	<20
ZZ61503		<1	0.10	10	0.43	695	1	0.04	12	1020	13	0.01	4	4	30	<20
ZZ61504		<1	0.09	10	0.41	816	1	0.04	10	1060	13	0.01	5	4	27	<20
ZZ61505		<1	0.14	20	0.51	716	1	0.06	16	1410	13	0.01	2	5	47	<20
ZZ61506		<1	0.08	10	0.44	672	1	0.03	12	920	14	0.01	3	3	26	<20
ZZ61507		<1	0.10	10	0.52	687	1	0.03	14	890	14	0.01	3	5	33	<20
ZZ61508		<1	0.10	10	0.48	611	1	0.05	12	960	12	0.01	3	5	35	<20
ZZ61509		<1	0.09	10	0.47	644	1	0.04	12	960	14	0.01	2	4	31	<20
ZZ61510		1	0.10	20	0.49	617	2	0.04	14	1080	13	0.01	3	5	35	<20
ZZ61511		<1	0.07	10	0.35	223	<1	0.02	11	840	19	0.01	<2	3	29	<20
ZZ61512		<1	0.09	10	0.44	386	1	0.02	13	990	30	0.01	3	6	43	<20
ZZ61513		<1	0.10	20	0.49	471	1	0.03	15	950	29	0.01	<2	6	41	<20
ZZ61514		<1	0.10	10	0.44	856	1	0.03	16	840	21	0.02	2	5	32	<20
ZZ61515		<1	0.09	10	0.39	471	1	0.04	11	1030	15	0.01	2	3	29	<20
ZZ61516		<1	0.10	10	0.43	494	1	0.04	10	1230	14	0.01	<2	4	34	<20
ZZ61517		1	0.06	10	0.34	222	<1	0.02	11	650	13	0.01	<2	3	18	<20
ZZ61518		<1	0.07	20	0.36	258	<1	0.02	12	850	13	0.01	<2	4	26	<20
ZZ61519		<1	0.10	10	0.46	316	1	0.03	17	800	13	0.01	3	5	28	<20
ZZ61520		<1	0.11	10	0.47	537	1	0.03	17	940	18	0.01	<2	5	28	<20
ZZ61521		1	0.11	10	0.44	685	1	0.04	14	1000	16	0.01	2	5	30	<20
ZZ61522		<1	0.10	10	0.42	611	1	0.04	13	960	13	0.01	<2	4	28	<20
ZZ61523		<1	0.11	20	0.36	490	1	0.03	15	1070	12	0.01	2	4	28	<20
ZZ61524		<1	0.11	20	0.38	529	1	0.04	18	1170	12	0.01	2	5	31	<20
ZZ61525		<1	0.14	20	0.46	537	2	0.05	17	1170	13	0.01	<2	6	36	<20
ZZ61526		<1	0.08	20	0.42	319	1	0.02	14	890	15	0.02	2	4	24	<20
ZZ61527		<1	0.09	10	0.43	372	<1	0.02	14	760	14	0.01	2	5	28	<20
ZZ61528		<1	0.09	10	0.44	386	1	0.03	15	1000	14	0.01	2	5	30	<20
ZZ61529		<1	0.07	10	0.37	384	1	0.02	15	790	12	0.01	<2	4	24	<20
ZZ61530		<1	0.12	10	0.43	808	1	0.03	15	860	16	0.01	2	6	29	<20
ZZ61531		<1	0.11	10	0.43	603	1	0.03	16	790	15	0.01	<2	6	29	<20
ZZ61532		<1	0.11	10	0.42	472	2	0.04	15	970	13	0.01	<2	5	31	<20
ZZ61533		<1	0.11	10	0.43	502	2	0.04	15	1010	13	0.01	3	5	32	<20
ZZ61534		<1	0.07	10	0.44	286	1	0.02	14	740	11	0.01	<2	3	24	<20
ZZ61535		<1	0.08	20	0.50	324	1	0.03	14	840	10	0.01	<2	5	28	<20
ZZ61536		<1	0.12	20	0.75	412	1	0.04	20	930	15	0.01	<2	6	35	<20
ZZ61537		<1	0.12	20	0.70	447	2	0.04	18	820	14	0.01	2	6	35	<20
ZZ61538		<1	0.12	20	0.71	539	2	0.04	18	980	13	<0.01	<2	5	39	<20
ZZ61539		<1	0.12	20	0.65	494	2	0.03	15	910	11	<0.01	5	5	37	<20
ZZ61540		<1	0.09	10	0.44	292	1	<0.01	12	560	10	<0.01	2	3	21	<20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA24
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005
ZZ61501		0.06	<10	<10	75	<10	46	<0.005
ZZ61502		0.05	<10	<10	53	<10	56	<0.005
ZZ61503		0.05	<10	<10	53	<10	59	<0.005
ZZ61504		0.04	<10	<10	51	<10	59	<0.005
ZZ61505		0.08	<10	<10	62	<10	63	<0.005
ZZ61506		0.06	<10	<10	50	<10	60	0.005
ZZ61507		0.07	<10	<10	54	<10	68	<0.005
ZZ61508		0.06	<10	<10	58	<10	61	<0.005
ZZ61509		0.06	<10	<10	58	<10	59	0.013
ZZ61510		0.07	<10	<10	60	<10	65	0.007
ZZ61511		0.05	<10	<10	54	<10	48	<0.005
ZZ61512		0.05	<10	<10	58	<10	70	<0.005
ZZ61513		0.06	<10	<10	61	<10	76	<0.005
ZZ61514		0.08	<10	<10	59	<10	57	<0.005
ZZ61515		0.06	<10	<10	51	<10	44	<0.005
ZZ61516		0.07	<10	<10	54	<10	43	<0.005
ZZ61517		0.06	<10	<10	58	<10	43	<0.005
ZZ61518		0.07	<10	<10	68	<10	49	0.006
ZZ61519		0.09	<10	<10	62	<10	55	<0.005
ZZ61520		0.08	<10	<10	62	<10	57	<0.005
ZZ61521		0.08	<10	<10	56	<10	53	0.005
ZZ61522		0.08	<10	<10	59	<10	50	<0.005
ZZ61523		0.07	<10	<10	62	<10	53	0.009
ZZ61524		0.07	<10	<10	64	<10	56	0.036
ZZ61525		0.09	<10	<10	64	<10	56	0.021
ZZ61526		0.06	<10	<10	79	<10	55	<0.005
ZZ61527		0.07	<10	<10	55	<10	54	<0.005
ZZ61528		0.07	<10	<10	55	<10	52	<0.005
ZZ61529		0.07	<10	<10	51	<10	46	0.007
ZZ61530		0.07	<10	<10	55	<10	63	<0.005
ZZ61531		0.07	<10	<10	54	<10	61	<0.005
ZZ61532		0.08	<10	<10	57	<10	52	0.006
ZZ61533		0.08	<10	<10	57	<10	53	<0.005
ZZ61534		0.06	<10	<10	57	<10	39	<0.005
ZZ61535		0.08	<10	<10	68	<10	47	<0.005
ZZ61536		0.11	<10	<10	70	<10	63	<0.005
ZZ61537		0.10	<10	<10	67	<10	56	0.005
ZZ61538		0.09	<10	<10	62	<10	53	<0.005
ZZ61539		0.10	<10	<10	60	<10	50	0.006
ZZ61540		0.07	<10	<10	68	<10	48	<0.005

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
ZZ61541		0.57	<0.2	1.48	11	<10	230	<0.5	4	0.40	<0.5	7	30	13	2.39	10
ZZ61542		0.50	<0.2	1.25	9	<10	120	<0.5	<2	0.26	<0.5	5	22	12	1.99	<10
ZZ61543		0.49	<0.2	2.08	11	<10	400	0.6	5	0.64	<0.5	15	51	20	3.62	10
ZZ61544		0.49	<0.2	1.47	7	<10	310	0.5	3	0.60	<0.5	13	27	26	3.07	10
ZZ61545		0.43	<0.2	1.86	6	<10	420	0.6	<2	0.65	<0.5	26	23	27	3.55	10
ZZ61546		0.33	<0.2	1.87	4	<10	200	<0.5	5	0.62	<0.5	15	34	11	3.97	10
ZZ61547		0.61	<0.2	1.38	12	<10	250	<0.5	3	0.46	<0.5	8	29	14	2.83	10
ZZ61548		0.61	<0.2	1.64	12	<10	300	0.5	4	0.56	<0.5	9	39	17	3.05	10
ZZ61549		0.43	<0.2	1.30	11	<10	250	<0.5	3	0.50	<0.5	9	28	15	2.51	10
ZZ61550		0.49	<0.2	1.67	12	<10	300	0.5	3	0.55	<0.5	9	39	18	2.99	10
ZZ61551		0.66	<0.2	1.30	7	<10	150	<0.5	2	0.35	<0.5	6	23	12	1.98	<10
ZZ61552		0.92	<0.2	1.17	10	<10	200	<0.5	2	0.40	<0.5	6	26	12	2.06	<10
ZZ61553		0.97	<0.2	1.76	11	<10	260	0.5	2	0.52	<0.5	10	40	20	2.72	10
ZZ61554		0.82	<0.2	1.70	12	<10	260	0.5	3	0.52	<0.5	9	39	20	2.70	10
ZZ61555		0.45	<0.2	1.45	9	<10	240	<0.5	2	0.53	<0.5	11	34	19	2.90	10
ZZ61556		0.59	<0.2	1.57	9	<10	270	<0.5	3	0.58	<0.5	11	35	20	3.03	10
ZZ61557		0.65	<0.2	1.30	11	<10	240	0.5	2	0.41	<0.5	7	23	19	2.32	<10
ZZ61558		0.43	<0.2	1.27	10	<10	200	<0.5	2	0.50	<0.5	11	18	15	2.71	10
ZZ61559		0.19	<0.2	2.23	7	<10	240	<0.5	3	0.88	<0.5	18	23	30	4.28	10
ZZ61560		0.42	<0.2	0.71	7	<10	180	<0.5	<2	0.35	<0.5	5	8	11	1.66	<10
ZZ61561		0.49	<0.2	1.04	12	<10	190	<0.5	<2	0.42	<0.5	8	17	13	2.36	<10
ZZ61562		0.60	<0.2	2.37	8	<10	220	0.7	2	0.78	<0.5	19	20	18	4.41	10
ZZ61563		0.27	<0.2	2.40	10	<10	200	0.7	3	0.91	<0.5	19	16	12	4.19	10
ZZ61564		0.67	<0.2	1.15	7	<10	220	<0.5	3	0.42	<0.5	6	20	9	2.07	<10
ZZ61565		0.47	<0.2	1.13	11	<10	190	<0.5	2	0.47	<0.5	10	15	11	2.61	<10
ZZ61566		0.31	<0.2	1.63	7	<10	420	0.6	<2	0.73	<0.5	14	22	35	3.86	10
ZZ61567		0.98	<0.2	1.08	9	<10	210	<0.5	2	0.39	<0.5	8	24	12	2.11	<10
ZZ61568		0.80	<0.2	1.23	9	<10	230	<0.5	2	0.57	<0.5	8	23	15	2.36	10
ZZ61569		0.73	<0.2	1.32	13	<10	250	<0.5	2	0.57	<0.5	8	23	14	2.46	10
ZZ61570		0.78	<0.2	1.01	11	<10	130	<0.5	<2	0.31	<0.5	5	20	11	1.83	<10
ZZ61571		0.74	<0.2	0.96	10	<10	170	<0.5	<2	0.37	<0.5	7	19	11	1.88	<10
ZZ61572		0.71	<0.2	1.40	11	<10	210	<0.5	3	0.53	<0.5	8	23	15	2.29	10
ZZ61573		0.67	<0.2	1.61	18	<10	260	0.5	4	0.53	<0.5	9	24	18	2.70	10
ZZ61574		0.72	<0.2	1.67	26	<10	260	0.6	2	0.52	<0.5	11	30	18	2.88	10
ZZ61575		0.63	<0.2	1.73	23	<10	250	0.6	2	0.53	<0.5	11	28	19	2.86	10
ZZ23251		0.41	<0.2	1.56	24	<10	230	0.5	<2	0.57	<0.5	11	28	20	3.04	10
ZZ23252		0.37	<0.2	1.57	25	<10	240	0.5	4	0.58	<0.5	11	27	17	3.02	10
ZZ23253		0.38	<0.2	1.21	18	<10	200	<0.5	2	0.42	<0.5	8	25	14	2.30	<10
ZZ23254		0.35	<0.2	1.72	32	<10	410	0.6	3	0.50	<0.5	10	29	20	3.08	10
ZZ23255		0.35	<0.2	1.39	25	<10	260	0.5	3	0.47	<0.5	10	36	17	2.71	10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
ZZ61541		<1	0.07	10	0.55	361	1	0.01	14	770	10	<0.01	4	3	24	<20
ZZ61542		<1	0.07	10	0.39	249	1	<0.01	12	570	9	<0.01	<2	3	16	<20
ZZ61543		<1	0.16	20	1.05	814	2	0.01	19	920	22	<0.01	5	7	48	<20
ZZ61544		<1	0.13	20	0.75	886	4	0.01	11	890	20	<0.01	<2	6	39	<20
ZZ61545		<1	0.19	20	0.93	1365	6	0.01	12	780	20	<0.01	3	8	36	<20
ZZ61546		<1	0.19	20	1.30	940	5	0.07	9	650	13	<0.01	4	9	41	<20
ZZ61547		<1	0.07	10	0.60	389	1	0.01	11	750	11	<0.01	4	4	31	<20
ZZ61548		<1	0.09	20	0.78	477	1	0.01	14	890	13	<0.01	2	6	39	<20
ZZ61549		<1	0.09	10	0.55	461	1	0.01	13	740	13	<0.01	4	4	32	<20
ZZ61550		<1	0.09	20	0.74	458	1	0.01	15	890	17	<0.01	3	6	39	<20
ZZ61551		<1	0.07	10	0.45	210	<1	<0.01	11	670	10	<0.01	<2	3	25	<20
ZZ61552		<1	0.07	10	0.49	260	<1	0.01	11	710	9	<0.01	3	4	27	<20
ZZ61553		<1	0.10	20	0.73	449	1	0.01	17	870	15	<0.01	4	6	34	<20
ZZ61554		<1	0.10	20	0.69	475	1	0.01	17	850	14	<0.01	4	6	34	<20
ZZ61555		<1	0.11	20	0.74	547	1	0.02	13	1030	12	<0.01	2	5	31	<20
ZZ61556		<1	0.11	20	0.80	566	1	0.03	15	1080	14	<0.01	3	6	36	<20
ZZ61557		<1	0.08	20	0.48	381	1	0.01	12	620	9	<0.01	<2	3	28	<20
ZZ61558		<1	0.07	10	0.78	596	1	0.02	9	1060	9	<0.01	5	4	28	<20
ZZ61559		<1	0.08	20	1.73	816	1	0.04	10	1520	10	<0.01	4	8	62	<20
ZZ61560		<1	0.04	10	0.09	263	<1	0.02	6	740	2	0.02	4	2	22	<20
ZZ61561		<1	0.06	10	0.55	539	1	<0.01	9	800	10	<0.01	5	4	27	<20
ZZ61562		<1	0.11	20	2.01	1170	1	0.01	10	1360	16	<0.01	5	9	51	<20
ZZ61563		<1	0.10	20	2.16	1260	1	0.01	8	1420	17	<0.01	5	9	54	<20
ZZ61564		<1	0.07	10	0.42	315	1	0.01	9	610	7	0.01	<2	3	25	<20
ZZ61565		<1	0.06	10	0.65	696	1	<0.01	8	1010	10	<0.01	6	3	27	<20
ZZ61566		<1	0.12	20	0.97	885	2	0.04	9	1270	10	0.01	4	6	43	<20
ZZ61567		<1	0.08	10	0.38	426	1	0.03	9	730	9	<0.01	4	3	27	<20
ZZ61568		<1	0.12	10	0.47	575	1	0.08	9	850	9	<0.01	4	3	45	<20
ZZ61569		<1	0.13	10	0.47	543	2	0.07	9	810	10	<0.01	3	4	47	<20
ZZ61570		<1	0.06	10	0.34	271	<1	0.01	10	650	7	<0.01	3	2	19	<20
ZZ61571		<1	0.07	10	0.36	379	1	0.02	9	710	7	<0.01	3	3	26	<20
ZZ61572		<1	0.10	10	0.43	437	1	0.05	8	790	10	<0.01	5	4	42	<20
ZZ61573		<1	0.11	10	0.48	486	1	0.04	11	790	11	<0.01	<2	5	41	<20
ZZ61574		<1	0.11	20	0.44	443	2	0.02	13	1000	13	0.01	5	7	40	<20
ZZ61575		<1	0.11	10	0.44	436	1	0.02	12	970	14	<0.01	5	7	40	<20
ZZ23251		<1	0.13	10	0.49	479	2	0.04	13	1080	12	<0.01	<2	6	42	<20
ZZ23252		<1	0.13	10	0.50	556	2	0.04	11	1090	14	<0.01	<2	6	43	<20
ZZ23253		<1	0.09	10	0.38	437	1	0.02	10	840	8	<0.01	3	4	29	<20
ZZ23254		<1	0.11	20	0.45	1005	1	0.02	13	1100	12	<0.01	4	7	36	<20
ZZ23255		1	0.11	10	0.41	624	2	0.02	12	960	12	0.01	3	5	34	<20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA24
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005
ZZ61541		0.05	<10	<10	54	<10	43	<0.005
ZZ61542		0.06	<10	<10	48	<10	38	<0.005
ZZ61543		0.10	<10	<10	87	<10	66	0.007
ZZ61544		0.07	<10	<10	66	<10	57	<0.005
ZZ61545		0.09	<10	<10	73	<10	77	<0.005
ZZ61546		0.18	<10	<10	87	<10	74	<0.005
ZZ61547		0.06	<10	<10	65	<10	44	<0.005
ZZ61548		0.08	<10	<10	74	<10	55	<0.005
ZZ61549		0.07	<10	<10	59	<10	44	<0.005
ZZ61550		0.07	<10	<10	70	<10	57	0.006
ZZ61551		0.06	<10	<10	49	<10	38	<0.005
ZZ61552		0.07	<10	<10	50	<10	42	<0.005
ZZ61553		0.09	<10	<10	67	<10	59	<0.005
ZZ61554		0.09	<10	<10	66	<10	57	<0.005
ZZ61555		0.10	<10	<10	68	<10	57	<0.005
ZZ61556		0.11	<10	<10	73	<10	61	<0.005
ZZ61557		0.06	<10	<10	56	<10	46	0.007
ZZ61558		0.08	<10	<10	71	<10	52	<0.005
ZZ61559		0.16	<10	<10	117	<10	76	<0.005
ZZ61560		0.06	<10	<10	51	<10	27	<0.005
ZZ61561		0.06	<10	<10	59	<10	49	<0.005
ZZ61562		0.01	<10	<10	91	<10	106	<0.005
ZZ61563		0.01	<10	<10	92	<10	121	<0.005
ZZ61564		0.05	<10	<10	52	<10	49	<0.005
ZZ61565		0.04	<10	<10	62	<10	61	<0.005
ZZ61566		0.10	<10	<10	103	<10	61	<0.005
ZZ61567		0.06	<10	<10	53	<10	40	<0.005
ZZ61568		0.08	<10	<10	59	<10	47	0.011
ZZ61569		0.08	<10	<10	57	<10	50	<0.005
ZZ61570		0.07	<10	<10	46	<10	35	<0.005
ZZ61571		0.08	<10	<10	47	<10	38	0.030
ZZ61572		0.07	<10	<10	52	<10	47	0.005
ZZ61573		0.07	<10	<10	60	<10	59	0.009
ZZ61574		0.06	<10	<10	63	<10	65	<0.005
ZZ61575		0.07	<10	<10	64	<10	67	<0.005
ZZ23251		0.07	<10	<10	63	<10	66	0.005
ZZ23252		0.07	<10	<10	64	<10	68	0.006
ZZ23253		0.07	<10	<10	53	<10	49	<0.005
ZZ23254		0.07	<10	<10	66	<10	66	<0.005
ZZ23255		0.07	<10	<10	59	<10	57	0.016

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
ZZ23256		0.26	<0.2	1.59	37	<10	410	0.6	3	0.49	<0.5	12	33	20	3.15	<10
ZZ23257		0.69	<0.2	1.11	11	<10	200	<0.5	2	0.35	<0.5	7	26	12	2.20	10
ZZ23258		0.49	<0.2	1.47	13	<10	300	0.5	2	0.40	<0.5	8	31	20	2.55	10
ZZ23259		0.34	<0.2	1.28	20	<10	260	<0.5	<2	0.48	<0.5	10	26	19	2.64	10
ZZ23260		0.29	<0.2	1.27	15	<10	260	<0.5	3	0.53	<0.5	11	31	23	2.57	10
ZZ23261		0.30	<0.2	1.52	21	<10	220	0.5	3	0.47	<0.5	11	29	18	2.90	10
ZZ23262		0.32	<0.2	1.56	18	<10	220	0.5	2	0.45	<0.5	10	30	17	2.06	10
ZZ23263		0.35	<0.2	1.50	31	<10	220	0.5	3	0.43	<0.5	10	28	18	3.17	10
ZZ23264		0.31	<0.2	1.50	41	<10	230	0.5	2	0.44	<0.5	10	30	18	3.42	10
ZZ23265		0.25	<0.2	1.59	15	<10	200	0.5	2	0.62	<0.5	12	29	15	3.25	10
ZZ23266		0.29	0.2	1.71	15	<10	280	0.6	2	0.42	<0.5	10	27	15	2.82	10
ZZ23267		0.42	0.2	1.23	11	<10	200	<0.5	<2	0.39	<0.5	8	22	15	2.16	<10
ZZ23268		0.47	0.2	1.08	14	<10	140	<0.5	2	0.45	0.5	8	24	17	2.51	<10
ZZ23269		0.48	0.2	1.24	13	<10	190	<0.5	<2	0.42	<0.5	9	23	16	2.34	<10
ZZ23270		0.57	0.2	1.14	14	<10	160	<0.5	2	0.45	0.5	9	24	18	2.68	<10
ZZ23271		0.56	<0.2	1.23	13	<10	190	<0.5	<2	0.39	<0.5	9	22	15	2.31	<10
ZZ23272		0.55	0.2	1.31	18	<10	170	0.5	2	0.44	<0.5	10	25	21	2.79	<10
ZZ23273		0.39	0.2	1.28	13	<10	200	<0.5	2	0.39	<0.5	8	22	16	2.37	<10
ZZ23274		0.43	0.2	1.16	15	<10	160	<0.5	2	0.42	<0.5	8	22	17	2.50	<10
ZZ23275		0.36	0.2	1.12	18	<10	150	<0.5	2	0.45	<0.5	8	23	17	2.85	<10
ZZ23276		0.46	0.2	1.70	18	<10	220	0.6	<2	0.61	0.8	12	31	21	3.35	10
ZZ23277		0.55	0.2	1.54	16	<10	190	0.5	<2	0.53	0.6	10	26	16	3.04	10
ZZ23278		0.34	0.2	1.52	14	<10	260	0.5	<2	0.40	<0.5	8	25	13	2.63	<10
ZZ23279		0.31	0.3	1.66	12	<10	290	0.6	<2	0.46	0.6	10	26	20	2.50	<10
ZZ23280		0.44	0.2	1.14	16	<10	160	<0.5	2	0.44	<0.5	8	22	19	2.58	<10
ZZ23281		0.48	1.7	1.35	16	<10	210	0.5	<2	0.46	0.5	10	24	18	2.77	<10
ZZ23282		0.73	<0.2	1.25	16	<10	190	0.5	<2	0.43	0.5	9	22	16	2.51	<10
ZZ23283		0.44	<0.2	1.25	12	<10	200	<0.5	2	0.39	<0.5	9	25	15	2.37	<10
ZZ23284		0.48	<0.2	1.23	11	<10	190	<0.5	<2	0.41	<0.5	8	21	16	2.31	<10
ZZ23285		0.53	<0.2	1.26	11	<10	190	<0.5	<2	0.39	<0.5	8	23	14	2.21	<10
ZZ23286		0.42	<0.2	1.34	13	<10	210	0.5	<2	0.40	<0.5	9	26	16	2.44	<10
ZZ23287		0.25	<0.2	1.30	11	<10	200	<0.5	<2	0.39	<0.5	8	23	15	2.30	<10
ZZ23288		0.20	<0.2	1.32	12	<10	200	<0.5	<2	0.41	<0.5	9	25	17	2.44	<10
ZZ23289		0.31	<0.2	1.27	10	<10	190	<0.5	<2	0.39	<0.5	8	23	15	2.27	<10
ZZ23290		0.29	0.2	1.72	15	<10	290	0.5	3	0.45	0.8	10	28	17	2.85	10
ZZ23291		0.48	<0.2	1.65	17	<10	250	0.5	2	0.41	0.7	12	27	15	2.94	10
ZZ23292		0.90	<0.2	1.29	9	<10	170	<0.5	<2	0.41	<0.5	8	25	16	2.20	<10
ZZ23293		0.73	<0.2	1.29	19	<10	160	0.5	<2	0.46	<0.5	10	23	22	2.87	<10
ZZ23294		0.71	<0.2	1.27	13	<10	170	<0.5	2	0.46	<0.5	8	23	19	2.53	<10
ZZ23295		0.99	<0.2	1.23	17	<10	170	<0.5	2	0.45	<0.5	9	22	20	2.70	<10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
ZZ23256		<1	0.12	10	0.45	1250	2	0.03	13	1020	14	0.01	4	6	36	<20
ZZ23257		<1	0.08	20	0.42	433	1	0.03	9	630	8	<0.01	2	3	26	<20
ZZ23258		<1	0.09	20	0.50	511	1	0.02	13	700	12	0.01	3	5	31	<20
ZZ23259		<1	0.11	10	0.49	655	1	0.04	14	760	11	<0.01	2	5	39	<20
ZZ23260		<1	0.10	10	0.50	798	1	0.04	18	760	11	0.01	4	5	41	<20
ZZ23261		<1	0.09	10	0.48	486	1	0.03	15	840	9	0.01	4	5	34	<20
ZZ23262		<1	0.09	10	0.46	395	1	0.03	14	740	11	0.01	4	5	33	<20
ZZ23263		<1	0.10	10	0.47	377	1	0.03	14	920	11	0.01	5	5	30	<20
ZZ23264		<1	0.10	10	0.48	401	1	0.03	14	1020	13	0.01	5	5	32	<20
ZZ23265		1	0.12	10	0.75	729	2	0.07	12	1010	13	<0.01	2	5	49	<20
ZZ23266		<1	0.06	20	0.52	881	<1	0.01	14	1150	22	0.01	<2	5	33	<20
ZZ23267		1	0.06	10	0.42	418	<1	0.01	13	890	16	<0.01	<2	4	28	<20
ZZ23268		<1	0.08	20	0.50	515	1	0.02	12	980	16	<0.01	<2	4	30	<20
ZZ23269		<1	0.07	10	0.45	530	<1	0.01	13	920	18	<0.01	<2	4	29	<20
ZZ23270		<1	0.08	20	0.51	735	1	0.02	11	980	19	<0.01	3	4	30	<20
ZZ23271		<1	0.06	10	0.43	554	1	0.01	11	920	16	<0.01	<2	4	27	<20
ZZ23272		<1	0.07	20	0.53	698	1	0.01	12	1020	23	<0.01	<2	5	31	<20
ZZ23273		1	0.06	10	0.43	537	<1	0.01	12	940	16	<0.01	3	4	28	<20
ZZ23274		<1	0.07	10	0.43	575	1	0.01	11	990	18	<0.01	<2	4	29	<20
ZZ23275		<1	0.06	20	0.44	604	1	0.01	10	1070	21	<0.01	2	4	28	<20
ZZ23276		<1	0.08	20	0.81	1200	3	0.04	14	1240	25	<0.01	<2	6	45	<20
ZZ23277		<1	0.08	20	0.69	900	2	0.03	12	1100	26	<0.01	2	5	38	<20
ZZ23278		<1	0.06	10	0.46	550	<1	0.01	13	1000	18	<0.01	<2	5	30	<20
ZZ23279		<1	0.06	20	0.49	664	<1	0.01	13	1070	20	0.02	2	5	35	<20
ZZ23280		<1	0.08	20	0.50	555	1	0.01	11	970	20	<0.01	2	4	29	<20
ZZ23281		<1	0.08	20	0.53	626	1	0.01	13	1070	21	<0.01	<2	5	32	<20
ZZ23282		<1	0.08	10	0.48	543	1	0.01	11	970	20	<0.01	<2	4	29	<20
ZZ23283		<1	0.07	10	0.44	581	<1	0.01	12	970	18	0.02	<2	4	28	<20
ZZ23284		<1	0.06	10	0.45	518	<1	0.02	12	1030	16	0.02	<2	4	29	<20
ZZ23285		<1	0.06	10	0.43	527	<1	0.01	12	990	16	0.02	2	4	28	<20
ZZ23286		<1	0.07	10	0.46	652	<1	0.02	12	1040	18	0.02	2	4	30	<20
ZZ23287		<1	0.07	10	0.44	594	1	0.02	12	1000	17	0.02	<2	4	29	<20
ZZ23288		<1	0.07	10	0.46	625	1	0.02	12	1030	17	0.02	3	4	31	<20
ZZ23289		<1	0.06	10	0.43	611	<1	0.02	12	1000	16	0.02	<2	4	28	<20
ZZ23290		<1	0.06	20	0.50	1075	<1	0.01	15	1180	20	0.04	<2	5	38	<20
ZZ23291		<1	0.06	20	0.50	1185	1	0.01	15	1120	22	0.03	<2	5	33	<20
ZZ23292		<1	0.08	10	0.49	437	<1	0.02	14	940	17	0.02	<2	4	30	<20
ZZ23293		<1	0.09	20	0.57	470	1	0.02	12	1070	22	0.01	2	5	34	<20
ZZ23294		<1	0.09	10	0.53	487	<1	0.02	13	1020	19	0.01	<2	4	33	<20
ZZ23295		<1	0.08	20	0.55	600	<1	0.02	11	1050	25	0.01	2	5	32	<20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA24
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005
ZZ23256		0.07	<10	<10	66	<10	65	<0.005
ZZ23257		0.07	<10	<10	57	<10	40	0.010
ZZ23258		0.08	<10	<10	69	<10	49	<0.005
ZZ23259		0.06	<10	<10	56	<10	57	0.016
ZZ23260		0.09	<10	<10	60	<10	56	<0.005
ZZ23261		0.06	<10	<10	62	<10	55	0.026
ZZ23262		0.06	<10	<10	64	<10	51	<0.005
ZZ23263		0.06	<10	<10	63	<10	55	<0.005
ZZ23264		0.06	<10	<10	65	<10	58	<0.005
ZZ23265		0.07	<10	<10	68	<10	62	0.009
ZZ23266		0.05	<10	<10	65	<10	90	0.012
ZZ23267		0.06	<10	<10	48	<10	64	0.005
ZZ23268		0.06	<10	<10	61	<10	64	<0.005
ZZ23269		0.06	<10	<10	54	<10	66	0.231
ZZ23270		0.06	<10	<10	63	<10	70	0.027
ZZ23271		0.05	<10	<10	52	<10	67	<0.005
ZZ23272		0.05	<10	<10	62	<10	84	0.017
ZZ23273		0.05	<10	<10	52	<10	67	<0.005
ZZ23274		0.06	<10	<10	59	<10	69	0.012
ZZ23275		0.06	<10	<10	73	<10	72	0.062
ZZ23276		0.08	<10	<10	78	<10	91	0.007
ZZ23277		0.08	<10	<10	70	<10	88	0.007
ZZ23278		0.06	<10	<10	55	<10	78	<0.005
ZZ23279		0.05	<10	<10	60	<10	81	<0.005
ZZ23280		0.06	<10	<10	60	<10	75	0.062
ZZ23281		0.06	<10	<10	63	<10	80	0.017
ZZ23282		0.06	<10	<10	57	<10	72	0.122
ZZ23283		0.05	<10	<10	53	<10	73	<0.005
ZZ23284		0.06	<10	<10	53	<10	71	<0.005
ZZ23285		0.05	<10	<10	52	<10	71	<0.005
ZZ23286		0.05	<10	<10	55	<10	77	0.016
ZZ23287		0.05	<10	<10	52	<10	74	0.010
ZZ23288		0.06	<10	<10	55	<10	75	0.011
ZZ23289		0.05	<10	<10	52	<10	72	0.024
ZZ23290		0.05	<10	<10	59	<10	107	<0.005
ZZ23291		0.05	<10	<10	62	<10	102	<0.005
ZZ23292		0.07	<10	<10	52	<10	71	<0.005
ZZ23293		0.06	<10	<10	63	<10	84	0.123
ZZ23294		0.07	<10	<10	61	<10	74	0.044
ZZ23295		0.06	<10	<10	62	<10	84	<0.005

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
ZZ23296		0.87	<0.2	1.31	13	<10	180	<0.5	2	0.43	0.5	9	23	16	2.49	<10
ZZ23297		0.56	<0.2	1.32	15	<10	190	0.5	2	0.47	<0.5	9	22	19	2.70	<10
ZZ23298		0.73	<0.2	1.29	13	<10	190	<0.5	<2	0.42	0.5	9	23	17	2.62	<10
ZZ23299		0.64	<0.2	1.42	19	<10	190	0.5	2	0.45	0.5	10	25	22	2.88	10
ZZ23300		0.67	<0.2	1.16	14	<10	170	<0.5	<2	0.37	0.5	8	21	16	2.34	<10
ZZ23301		0.40	<0.2	1.33	16	<10	190	0.5	<2	0.43	0.5	9	25	19	2.77	<10
ZZ23302		0.52	<0.2	1.31	16	<10	180	0.5	2	0.45	0.5	9	26	20	2.95	<10
ZZ23303		0.58	<0.2	1.26	8	<10	380	<0.5	<2	0.35	<0.5	8	19	16	2.43	<10
ZZ23304		0.60	<0.2	1.00	13	<10	510	0.7	<2	0.51	<0.5	9	14	18	2.98	<10
ZZ23305		0.76	<0.2	1.05	14	<10	820	0.9	<2	1.05	<0.5	11	12	14	3.53	<10
ZZ23306		0.52	<0.2	0.88	7	<10	300	<0.5	<2	0.39	<0.5	7	15	19	2.14	<10
ZZ23307		0.66	<0.2	0.93	8	<10	310	<0.5	<2	0.41	<0.5	7	16	21	2.34	<10
ZZ23308		0.46	<0.2	0.69	32	<10	840	0.9	3	0.42	<0.5	10	10	37	3.55	<10
ZZ23309		0.51	0.2	0.75	21	<10	730	1.1	3	0.62	<0.5	12	8	48	4.05	<10
ZZ23310		0.51	<0.2	0.36	20	<10	750	0.8	<2	3.40	<0.5	9	8	8	2.49	<10
ZZ23311		0.59	<0.2	0.38	32	<10	880	0.9	2	3.94	<0.5	10	3	7	2.79	<10
ZZ23312		0.41	<0.2	0.51	11	<10	780	0.9	<2	3.22	<0.5	9	40	10	3.20	<10
ZZ23313		0.44	<0.2	0.54	5	<10	1770	0.8	<2	3.03	<0.5	8	12	6	2.97	<10
ZZ23314		0.62	0.2	1.26	12	<10	410	0.6	3	0.40	<0.5	7	17	28	2.40	<10
ZZ23315		0.71	<0.2	0.79	14	<10	460	0.7	3	0.40	<0.5	12	13	52	3.52	<10
ZZ23316		0.55	<0.2	1.20	11	<10	480	0.5	3	0.44	<0.5	10	26	35	3.29	10
ZZ23317		0.48	<0.2	1.27	11	<10	450	0.5	<2	0.50	<0.5	10	14	33	3.44	10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
ZZ23296		<1	0.08	10	0.50	551	<1	0.02	13	1000	19	0.02	<2	4	31	<20
ZZ23297		<1	0.08	10	0.53	727	<1	0.02	12	1150	19	0.01	<2	5	33	<20
ZZ23298		<1	0.08	10	0.49	698	<1	0.02	12	1020	19	0.02	<2	4	32	<20
ZZ23299		<1	0.07	20	0.54	630	1	0.02	13	1090	30	0.01	<2	5	33	<20
ZZ23300		<1	0.06	10	0.42	594	<1	0.02	10	960	19	0.02	<2	4	27	<20
ZZ23301		<1	0.07	10	0.50	711	1	0.02	12	1080	21	0.02	<2	5	31	<20
ZZ23302		<1	0.07	20	0.51	683	1	0.02	12	1150	23	0.02	<2	5	32	<20
ZZ23303		<1	0.09	10	0.38	462	1	0.01	12	570	14	0.02	<2	4	21	<20
ZZ23304		<1	0.11	20	0.39	730	2	0.01	9	820	15	0.01	2	6	24	<20
ZZ23305		<1	0.15	30	0.46	1055	2	0.03	6	780	19	0.02	3	9	44	20
ZZ23306		<1	0.08	20	0.36	537	1	0.02	10	720	12	0.02	2	4	21	<20
ZZ23307		<1	0.09	20	0.43	523	1	0.02	8	810	12	0.01	2	4	22	<20
ZZ23308		<1	0.13	30	0.20	902	2	0.01	6	940	22	0.02	10	9	26	20
ZZ23309		<1	0.16	30	0.23	877	3	0.01	5	860	24	0.02	6	13	26	20
ZZ23310		<1	0.17	30	0.24	1505	2	<0.01	2	760	19	0.03	3	6	75	<20
ZZ23311		<1	0.19	30	0.33	1400	2	<0.01	2	730	23	0.04	5	6	104	<20
ZZ23312		<1	0.17	20	0.32	871	2	<0.01	3	710	12	0.03	3	7	91	<20
ZZ23313		<1	0.16	20	0.38	689	2	<0.01	3	630	10	0.06	<2	7	108	<20
ZZ23314		<1	0.11	30	0.38	239	1	<0.01	8	790	19	0.02	2	7	20	<20
ZZ23315		<1	0.13	30	0.30	346	2	0.01	7	1080	27	0.01	6	7	19	20
ZZ23316		<1	0.15	30	0.51	590	2	0.02	8	880	23	0.02	<2	7	25	20
ZZ23317		<1	0.19	30	0.59	693	2	0.04	6	910	20	0.01	<2	7	28	20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA24
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005
ZZ23296		0.06	<10	<10	57	<10	76	0.108
ZZ23297		0.06	<10	<10	62	<10	81	0.006
ZZ23298		0.06	<10	<10	61	<10	79	0.128
ZZ23299		0.06	<10	<10	64	<10	92	0.011
ZZ23300		0.05	<10	<10	55	<10	71	0.009
ZZ23301		0.06	<10	<10	64	<10	82	0.030
ZZ23302		0.06	<10	<10	70	<10	82	0.010
ZZ23303		0.05	<10	<10	47	<10	54	<0.005
ZZ23304		0.04	<10	<10	47	<10	61	<0.005
ZZ23305		0.02	<10	<10	44	<10	73	<0.005
ZZ23306		0.05	<10	<10	42	<10	44	<0.005
ZZ23307		0.06	<10	<10	45	<10	46	0.013
ZZ23308		0.02	<10	<10	48	<10	70	<0.005
ZZ23309		0.02	<10	<10	53	<10	72	<0.005
ZZ23310		<0.01	<10	<10	16	<10	71	<0.005
ZZ23311		<0.01	<10	<10	18	<10	67	<0.005
ZZ23312		<0.01	<10	<10	33	<10	65	<0.005
ZZ23313		<0.01	<10	<10	36	<10	62	<0.005
ZZ23314		0.03	<10	<10	49	<10	65	0.009
ZZ23315		0.03	<10	<10	52	<10	77	<0.005
ZZ23316		0.06	<10	<10	58	<10	68	<0.005
ZZ23317		0.09	<10	<10	63	<10	66	0.006

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2014
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH14135058

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA24 ME-ICP41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2014
This copy reported on 15-SEP-2014
Account: ROCKHA

CERTIFICATE WH14136716

Project: ROCKHA_WH14125366

P.O. No.: BATCH 168

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2014.

The following have access to data associated with this certificate:

JOAN MARIACHER		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Re-analysis results for samples originally reported on certificate WH14125366***

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13-SEP-2014
Account: ROCKHA

Project: ROCKHA_WH14125366

CERTIFICATE OF ANALYSIS WH14136716

Sample Description	Method / Analyte / Units / LOR	Au-AA24 Au ppm 0.005
Q933984		1.580
Q933985		<0.005
Q933986		1.115
Q933987		0.006
Q933988		0.370
Q933989		0.024
Q933990		<0.005
Q933991		0.449
Q933992		0.946
Q933993		0.010
Q933994		0.036
Q933995		<0.005
Q933996		<0.005
Q933997		0.026
Q933998		1.775
Q933999		0.269
Q934000		<0.005
Q934001		0.014
Q934002		0.030
Q934003		0.235
Q934004		0.006
Q934005		0.008
Q934006		0.021
Q934007		0.049
Q934008		0.845
Q934009		0.015
Q934010		<0.005
Q934011		<0.005
Q934012		0.665
Q934013		<0.005
Q934015		0.032
Q934016		0.077
Q934017		<0.005
Q934018		0.018
Q934019		0.039
Q934020		0.048

Comments: ***Re-analysis results for samples originally reported on certificate WH14125366***

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: ROCKHA_WH14125366

Finalized Date: 13-SEP-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14136716

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24 FND-02

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
This copy reported on 12-SEP-2014
Account: ROCKHA

CERTIFICATE WH14136717

Project: ROCKHA_WH14128255

P.O. No.: Batch 191

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2014.

The following have access to data associated with this certificate:

JOAN MARIACHER		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **Re-analysis results for samples originally reported on certificate WH14128255**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10-SEP-2014
Account: ROCKHA

Project: ROCKHA_WH14128255

CERTIFICATE OF ANALYSIS WH14136717

Sample Description	Method / Analyte / Units / LOR	Au-AA24 Au ppm 0.005
Q935459		<0.005
Q935460		0.011
Q935461		<0.005
Q935462		0.027
Q935463		0.007
Q935464		0.016
Q935465		0.362
Q935466		0.157
Q935467		<0.005
Q935468		0.076
Q935469		<0.005
Q935470		<0.005
Q935471		0.010
Q935472		2.18
Q935473		0.021
Q935474		0.015
Q935475		0.018
Q935476		0.045
Q935477		2.39
Q935478		<0.005
Q935479		0.095
Q935480		0.019
Q935481		0.009
Q935482		<0.005
Q935483		0.050
Q935484		0.015
Q935485		0.365
Q935486		<0.005
Q935487		0.029
Q935488		0.932
Q935489		2.29
Q935490		0.030
Q935491		0.009
Q935492		0.028
Q935493		0.005
Q935494		<0.005

Comments: **Re-analysis results for samples originally reported on certificate WH14128255**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: ROCKHA_WH14128255

Finalized Date: 10-SEP-2014
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH14136717

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA24 FND-02

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
This copy reported on 12-SEP-2014
Account: ROCKHA

CERTIFICATE WH14137293

Project: ROCKHA_WH14119113rej

P.O. No.: Batch 143

This report is for 11 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9-SEP-2014.

The following have access to data associated with this certificate:

JOAN MARIACHER	JARED TARSWELL	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-25	Wt. of Crushed Reject
FND-03	Find Reject for Addn Analysis
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA24	Au 50g FA AA finish	AAS

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **Re-analysis results for smples originally reported on certificate WH14119113**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: ROCKHA_WH14119113rej

CERTIFICATE OF ANALYSIS WH14137293

Sample Description	Method	WEI-25	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Reject W	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.001	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
Q926774		4.38	0.017	0.34	6.28	118.5	1280	1.50	0.25	1.46	2.06	36.8	6.3	6	17.95	10.6
Q926775		5.66	0.006	0.18	6.53	30.5	1920	1.54	0.32	2.20	0.11	38.5	6.7	8	27.9	11.1
Q926776		1.480	0.047	1.14	7.35	163.0	1560	1.87	0.35	1.76	0.44	45.5	10.6	8	27.2	286
Q926777		2.68	<0.005	0.03	7.53	73.7	2920	1.43	0.08	2.55	0.15	71.0	10.1	39	39.0	5.5
Q926778		3.70	0.120	0.30	6.40	162.5	1570	1.46	0.62	2.30	0.32	43.0	6.6	7	19.65	9.5
Q926779		<0.001	0.140	0.34	6.44	167.5	1610	1.29	0.72	2.28	0.33	43.1	6.4	7	20.6	8.2
Q926780		1.760	<0.005	0.13	6.46	37.2	670	1.48	0.35	2.68	0.16	44.0	5.7	7	14.35	8.1
Q926781		1.110	0.014	0.40	5.10	101.0	1700	1.49	0.30	3.73	0.36	38.4	7.0	6	13.25	8.5
Q926782		2.03	<0.005	0.23	6.51	49.5	1180	1.41	0.33	2.44	0.34	42.0	7.3	7	17.60	5.5
Q926783		3.04	0.030	0.36	7.04	7.0	2030	1.53	0.32	2.65	4.79	42.9	6.7	8	10.15	18.6
Q926784		0.740	0.216	28.9	5.45	471	1270	1.25	0.35	3.33	6.92	42.1	4.9	7	16.65	69.8

Comments: **Re-analysis results for smples originally reported on certificate WH14119113**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: ROCKHA_WH14119113rej

CERTIFICATE OF ANALYSIS WH14137293

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
Q926774		2.17	14.35	0.09	1.4	0.046	2.60	18.3	61.3	0.50	2380	3.04	0.06	6.7	2.2	490
Q926775		2.50	15.10	0.11	1.5	0.036	2.66	19.2	99.8	0.65	846	5.00	1.04	7.2	2.4	530
Q926776		2.60	16.45	0.10	1.3	0.044	2.59	23.1	100.5	0.87	1020	3.92	0.06	7.3	4.3	600
Q926777		3.48	18.90	0.13	4.3	0.041	1.64	35.9	197.0	1.26	1180	0.69	0.03	10.0	15.6	1750
Q926778		2.67	14.70	0.09	1.2	0.044	2.79	22.0	40.0	0.82	2450	1.74	0.12	6.8	2.9	520
Q926779		2.64	14.85	0.10	1.2	0.046	2.84	22.4	40.9	0.82	2650	1.94	0.11	6.9	2.4	520
Q926780		2.51	14.85	0.10	1.3	0.039	2.77	23.3	61.7	0.85	1190	2.37	0.05	7.1	2.3	540
Q926781		2.65	11.30	0.09	0.9	0.031	2.45	21.1	25.3	1.32	2730	2.78	0.04	5.2	2.5	370
Q926782		2.44	14.35	0.10	1.3	0.033	3.11	21.2	32.3	0.79	1180	2.92	0.26	7.4	2.6	540
Q926783		2.82	15.55	0.11	1.3	0.051	2.72	20.9	16.1	0.72	909	2.03	1.92	7.6	2.7	570
Q926784		2.77	11.80	0.09	0.9	0.063	2.37	23.5	41.2	1.02	7580	3.41	0.03	5.0	2.4	390

Comments: **Re-analysis results for smples originally reported on certificate WH14119113**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: ROCKHA_WH14119113rej

CERTIFICATE OF ANALYSIS WH14137293

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
Q926774		48.3	109.0	<0.002	0.32	31.8	8.1	1	1.5	94.3	0.64	<0.05	10.5	0.223	1.83	4.8
Q926775		19.4	104.5	<0.002	0.22	9.29	9.1	1	1.6	244	0.69	<0.05	10.3	0.231	1.45	3.9
Q926776		19.7	101.5	<0.002	0.61	89.4	10.2	1	1.8	130.0	0.64	0.09	12.0	0.249	1.69	4.0
Q926777		13.4	64.9	<0.002	0.08	25.5	8.9	1	1.2	1165	0.63	<0.05	7.3	0.439	1.13	3.2
Q926778		21.0	129.0	<0.002	0.36	18.50	9.4	1	1.5	97.4	0.60	<0.05	11.2	0.207	1.85	4.1
Q926779		19.2	136.5	<0.002	0.34	18.65	9.7	1	1.7	98.8	0.61	<0.05	11.4	0.218	1.84	4.1
Q926780		18.3	122.0	<0.002	0.22	13.65	9.5	1	1.3	105.0	0.63	<0.05	11.8	0.234	2.12	4.4
Q926781		32.1	162.5	<0.002	0.36	29.2	7.0	1	1.2	68.6	0.48	<0.05	9.7	0.168	2.01	5.4
Q926782		30.8	133.0	<0.002	0.21	14.00	9.4	1	1.4	115.0	0.71	<0.05	11.2	0.233	2.11	4.8
Q926783		153.0	105.5	<0.002	0.11	3.60	10.0	1	1.4	332	0.68	<0.05	11.0	0.243	1.34	4.2
Q926784		647	142.0	<0.002	1.57	160.0	7.2	1	1.5	88.3	0.46	<0.05	10.4	0.171	2.04	5.1

Comments: **Re-analysis results for smples originally reported on certificate WH14119113**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: ROCKHA_WH14119113rej

CERTIFICATE OF ANALYSIS WH14137293

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
Q926774		54	4.8	11.2	310	37.2
Q926775		61	1.4	14.8	49	39.5
Q926776		68	2.6	16.3	88	36.6
Q926777		88	2.2	14.8	89	171.0
Q926778		62	1.8	14.7	60	33.7
Q926779		60	1.9	15.1	63	34.1
Q926780		64	1.9	15.3	50	35.1
Q926781		45	2.0	12.9	65	23.4
Q926782		64	2.5	14.7	59	34.0
Q926783		66	1.7	15.5	561	36.6
Q926784		46	2.9	12.0	884	24.9

Comments: **Re-analysis results for smples originally reported on certificate WH14119113**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 11-SEP-2014
Account: ROCKHA

Project: ROCKHA_WH14119113rej

CERTIFICATE OF ANALYSIS WH14137293

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

FND-03	LOG-22	PUL-31	PUL-QC
SPL-21	WEI-25		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA24	ME-MS61

APPENDIX V

GEOLOGY AND GEOTECHNICAL LOGS

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381808	6890091	1308.87	102.72

ZONE: Western BRX

SECTION:

HOLE: KL-14-136

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 6.1m, Out

Drilling Dates: Jun 06 - Aug 06, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
11.27	33.2	-49.7	Reflex
102.72	26	-49.8	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	6.1	6.1	CAS
6.1	41.95	35.85	GRD
41.95	57	15.05	FLT
57	102.72	45.72	GRD

SAMPLES	
Numbers:	Q016001 to Q016021
Total:	31
Batch:	001
Certificates:	WH14092122

COMMENTS

Box Log

KL-14-136

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	6.1	11.49
2	11.49	17.21
3	17.21	22.51
4	22.51	28.47
5	28.47	33.54
6	33.54	38.84
7	38.84	43.63
8	43.63	49.88
9	49.88	54.9
10	54.9	60.48
11	60.48	66.14
12	66.14	73.58
13	73.58	76.69
14	76.69	82.11
15	82.11	87.48
16	87.48	92.05
17	92.05	97.66
18	97.66	102.72

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-136									
	12.52	12	NQ2	GRD	612.3	377.1	2.4	2.6	Sample of unaletered granodiorite.
	64.4	9	NQ2	GRD	449.5	263.4	2.35	2.4	Moderately argillic altered granodiorite.
	69.05	10	NQ2	GRD	516.8	307.8	2.43	2.5	Strongly argillic altered granodiorite.
	97.26	10	NQ2	GRD	604.9	360.1	2.85	2.5	Moderately potassic altered granodiorite.

KL-14-136

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
6.10	20.89	14.79	GRD	MG	Granodiorite with strong oxidation on fractures. Oxidation bleeds out into broad halos. Rare calcite veinlets. Rare mineralized calcite-smoky quartz veinlets with disseminated Py.							
						MD	GY	PO	PHC	1I		
									OXI	4I		
20.89	30.35	9.46	GRD	MG	As above, with stronger veining and phyllic alteration throughout. Zone of strong oxidation with gouge between 23.46-25.30m. Red-stained smoky quartz-hematite veinlets associated with calcite veinlets. Cut by mineralized veinlets as in previous interval. Phyllic alteration varies in colour, typically lighter green - grey. Patches of weak white argillic alteration. Fracture faces have weak-moderate oxide staining.							
						MD	GY	PO	OXI	4I		
						LT	GN		ARG	1I		
									PHC	3I		
30.35	35.66	5.31	GRD	MG	As at 6.10-20.89m, with occasional weak phyllic alteration.							
						MD	GY	PO	OXI	3I		
						LT	GN		PHC	1I		
41.95	57.00	15.05	GRD	MG	Granodiorite with patchy-pervasive moderate argillic, weak patchy potassic, and very weak propyllitic (chlorite present). Fracture faces have weak-moderate clay gouge coatings, some are black, most are white. Cross cut by mineralized veinlets/veins and calcite/ankerite veinlets.							
						MD	GY	PO	ARG	3I		
						MD	PK	---	POT	1I		
57.00	60.88	3.88	GRD	MG	Short interval of weakly argillic altered granodiorite. Argillic is patchy, sometimes with patches of weak overprinting potassic alteration.							
						MD	GY	PO	ARG	1I		
								PA	POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
60.88	63.01	2.13	GRD	MG	Pervasive strong phyllic with patchy moderate-weak argillic. Cut by many white calcite/white massive quartz stringers and veinlets, netted in places. Overall, feldspars are fully altered to clays/sericite. Some veinlets have red hematite staining. Blebby hematite at 61.90m. Weak-moderate clay development on fractures. Veinlets are often banded-interstitial blends of quartz and calcite. Mineralized veinlets have disseminated-blebby pyrite. Weak patchy overprinting potassic alteration.							
						LT	GN	PO	PHC	4I		
						LT	GY	NE	ARG	2I		
									POT	1I		
63.01	66.40	3.39	GRD	MG	As at 57.00-60.88m.							
						MD	GY	PO	ARG	1I		
								PA	POT	1I		
66.40	71.35	4.95	GRD	MG	As at 60.88-63.01m. Patchy argillic, pervasive strong phyllic. Semi-netted to crackled calcite-colloform quartz veinlets. Vuggy, with partial infill by calcite-colloform quartz. Calcite can be massive, dogtooth spar, and coarse crystalline. Quartz is comb-colloform. White quartz vein hosting blebby galena at 69.60m. Limited massive smoky quartz veinlets. Blebby pyrite near smoky quartz, finer disseminated pyrite otherwise.							
						LT	GN	PO	PHC	4I	Py	0.5
						LT	GY	CR	ARG	2I		
									POT	1I		
71.35	80.52	9.17	GRD	MG	As at 57.00-60.88m.							
						MD	GY	PO	ARG	1I		
								PA	POT	1I		
80.52	83.74	3.22	GRD	MG	Strong overprinting argillic and phyllic, with weak to moderate potassic. Combination of potassic alteration and weak hematite staining gives groundmass a very pink colour. Feldspars are fully altered, with white-green colour. Crosscut by quartz-calcite veinlets, mostly at 50-60 degrees TCA. Stronger phyllic alteration near veinlets.							
						LT	PK	PO	ARG	4I	Py	0.5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	4I		
						LT	WH		POT	2I		
83.74	90.06	6.32	GRD	MG	As at 57.00-60.88m. Higher degree of crumbling.							
						MD	GY	PO	ARG	3I		
									POT	2I		
90.06	91.82	1.76	GRD	MG	Granodiorite with patchy overprinting argillic>potassic>propyllitic>phyllic alterations. Slight green sericite/clay on fracture planes. Feldspars fully altered. Cut by ankerite-chlorite-quartz-calcite vein.							
						MD	GY	PO	ARG	2I		
						MD	PK		POT	2I		
									PHC	1I		
									PRO	1I		
91.82	95.52	3.70	GRD	MG	Weakly argillic, potassic, and propyllitic altered granodiorite. Mafics partially chloritized.							
						MD	GY	PO	ARG	1I		
						MD	PK		POT	1I		
									PRO	1I		
95.52	102.72	7.20	GRD	MG	Granodiorite with patchy weak argillic. Ankerite-calcite-quartz veinlets are associated to phyllic alteration. Patchy weak potassic and propyllitic (chlorite dominated). Crosscut by banded-colloform ankerite-calcite veinlets. EOH.							
						MD	GY	PO	POT	1I	Py	1
						MD	GN		ARG	1I		
									PRO	2I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
6.10	41.95	35.85	GRD	MG	GRD with moderate fracturing throughout. Moderate orange-brown limonite oxidation on fractures, in some vein halos, and in broad patches. 23.46-25.30m is strongly oxidized, with up to 1cm orange gouge along fractures. Phyllic alteration is limited to vein halos. Halos range from0.5cm to greater than 5cm in width. Calcite veinlets are found throughout, less frequently between 6.10-20.90m. Calcite veinlet frequency is up to 5-10 veinlets per metre. One interval of silicification at approximately 36-39m where mineralized vein density increases. Mineralized veining consists of smoky-milky quartz with Py>>Cpy. Rare xenoliths of dark, mafic-rich material.							
									PHC	2I		
									SIL	1I		
						MD	GY	PO	OXI	3I		
41.95	57.00	15.05	FLT	MG	Moderate argillic leading to crumbling (to sand in most places) and complete alteration of feldspars to clays. Patchy weak potassic alteration results in splotches of pink colour. Dyklets of black breccia at 43-43.45m. Breccia hosts fragments of granodiorite and carbonate fragments. Both breccia and granodiorite are cross cut by calcite veinlets/stringers. Entire interval is extremely fractured and broken. Some fracture faces are coated by white calcite with weak red hematite staining. Very poor recovery and RQD. Cut by calcite and mineralized veinlets, but their character and frequency are difficult to determine because of high degree of breakage. 2ft of lost core at 53.95m.							
								FR	POT	1I		
						MD	PK	RB	ARG	3I		
						MD	GY	PO	OXI	1I		
57.00	102.72	45.72	GRD	MG	Granodiorite with patchy-pervasive moderate argillic, weak patchy potassic, and very weak propyllitic (chlorite present). Fracture faces have weak-moderate clay gouge coatings, some are black, most are white. Cross cut by mineralized veinlets/veins and calcite/ankerite veinlets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	1I		
						LT	GN		POT	1I		
						MD	GY	PO	ARG	2I		

KL-14-136

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	6.10	6.10	0	0	0.00	0	--	--	--	
6.10	8.23	2.13	1.81	85	0.45	21	--	3H	4W	1.2 joints are rough
8.23	11.28	3.05	2.88	94	2.16	71	--	3H	3W	1/3 joints are rough
11.28	14.33	3.05	3.04	100	2.80	92	--	3H	3W	
14.33	17.37	3.04	2.73	90	2.07	68	--	3H	3W	
17.37	20.42	3.05	2.87	94	2.29	75	--	4H	2W	
20.42	23.46	3.04	2.93	96	2.49	82	--	3H	3W	not consistent through whole section
23.46	26.51	3.05	2.26	74	1.15	38	--	3H	5W	4W & 3W also present
26.51	29.56	3.05	2.62	86	2.35	77	--	3H	3W	
29.56	32.61	3.05	2.7	89	1.56	51	--	2H	3W	
32.61	35.66	3.05	2.85	93	2.10	69	--	4H	2W	
35.66	38.71	3.05	2.99	98	1.97	65	--	3H	3W	1W common
38.71	41.76	3.05	2.57	84	1.16	38	--	3H	2W	
41.76	44.81	3.05	1.9	62	0.71	23	--	2H	5W	All rubble after 43.63. Section of 2W
44.81	47.85	3.04	1.77	58	0.67	22	--	1H	5W	Mostly rubble
47.85	50.90	3.05	1.3	43	0.00	0	--	2H	4W	Mostly rubble
50.90	53.95	3.05	0.9	30	0.11	4	--	1H	5W	4W common
53.95	57.00	3.05	1.9	62	0.00	0	--	2H	5W	Rubble mostly
57.00	60.05	3.05	2.53	83	1.55	51	--	3H	3W	2W & 1W also common
60.05	63.09	3.04	2.4	79	1.45	48	--	3H	5W	<3W more common
63.09	66.14	3.05	2.65	87	1.51	50	--	2H	5W	1W more common
66.14	69.19	3.05	0.69	23	0.54	18	--	3H	1W	
69.19	72.24	3.05	2.89	95	1.66	54	--	3H	1W	joint set not consistent. 4H common
72.24	75.29	3.05	2.6	85	2.23	73	--	3H	1W	Sections of rubble. 3H average. 4H and 1H common
75.29	78.33	3.04	3.04	100	2.59	85	--	4H	1W	Driller blocks might be misplaced
78.33	81.38	3.05	2.7	89	1.91	63	--	4H	1W	Joint clusters seperated. Patches of 1H
81.38	84.43	3.05	2.7	89	2.11	69	--	3H	1W	4 Joints sets visible
84.43	87.48	3.05	2.41	79	1.03	34	--	3H	1W	Alteration reduced some sections to rubble. Joints bunched in clusters

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.55	84	0.88	29	--	4H	1W	Patches of 2H. Large sections of 4H
90.53	93.57	3.04	2.65	87	1.78	59	--	3H	2W	
93.57	96.62	3.05	2.73	90	2.12	70	--	4H	1W	
96.62	99.67	3.05	2.77	91	1.88	62	--	4H	1W	
99.67	102.72	3.05	2.82	92	1.61	53	--	4H	1W	EOH. Patches of 1H and 2H

KL-14-136

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
8	0.359	GRD	
9	2.67	GRD	
10	12.9	GRD	
11	16	GRD	
12	17.4	GRD	
13	15.5	GRD	
14	5.61	GRD	
15	0.316	GRD	Fractured
16	2.82	GRD	
17	5.66	GRD	
18	19.3	GRD	
19	0.965	GRD	
20	0.291	GRD	
21	0.708	GRD	
22	0.536	GRD	
23	0.281	GRD	
24	0.136	GRD	Gouge
25	0.489	GRD	Gouge
26	0.208	GRD	Dry Gouge
27	0.46	GRD	
28	0.253	GRD	
29	0.44	GRD	
30	0.597	GRD	
31	0.187	GRD	Rubble
32	1.75	GRD	
33	5.51	GRD	
34	0.432	GRD	
35	5.35	GRD	
36	0.508	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
37	0.26	GRD	
38	0.358	GRD	
39	0.3	GRD	
40	4.34	GRD	
41	0.696	GRD	
42	2.45	FLT	
43	0.282	FLT	Gouge
44	0.37	FLT	Rubble
45	13.7	FLT	
46	8.31	FLT	
47	7.03	FLT	
48	0.416	FLT	Rubble
49	1.51	FLT	Rubble
50	3.39	FLT	
51	0.176	FLT	
52	0.311	FLT	
53	0.221	FLT	
54	0.16	FLT	
55	4.24	FLT	
56	4.42	FLT	
57	5.5	GRD	
57	5.5	FLT	
58	0.155	GRD	
59	4.73	GRD	
60	8.07	GRD	
61	0.334	GRD	
62	0.392	GRD	
63	0.464	GRD	
64	14.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
65	0.457	GRD	
66	5.2	GRD	
67	2.12	GRD	
68	2.7	GRD	
69	0.486	GRD	
70	0.471	GRD	
71	0.358	GRD	
72	0.472	GRD	
73	8.18	GRD	
74	13.3	GRD	
75	14.9	GRD	
76	0.632	GRD	
77	19.7	GRD	
78	16.9	GRD	
79	18.6	GRD	
80	18.9	GRD	
81	13.7	GRD	
82	0.441	GRD	
83	0.447	GRD	
84	1.48	GRD	
85	3.36	GRD	
86	2.11	GRD	
87	11.7	GRD	
88	1.04	GRD	
89	16.5	GRD	
90	0.659	GRD	
91	0.467	GRD	
92	12	GRD	
93	17.3	GRD	
94	20.4	GRD	
95	12.2	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
96	7.15	GRD	
97	4.02	GRD	
98	0.384	GRD	
99	1.65	GRD	
100	3.86	GRD	
101	0.255	GRD	
102	3.88	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381662	6890177	1285.8	137.16

ZONE: Western BRX

SECTION:

HOLE: KL-14-137

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 7.62m, Out

Drilling Dates: Jun 07 - Aug 07, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
-15.24	28.9	-48.8	Reflex
137.16	29.3	-49	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	7.32	7.32	CAS
7.32	18.07	10.75	GRD
18.07	20.25	2.18	GRD
20.25	24.42	4.17	GRD
24.42	28.33	3.91	GRD
28.33	45.72	17.39	GRD
45.72	85.75	40.03	GRD
85.75	90.6	4.85	GRD
90.6	117.93	27.33	GRD
117.93	118.9	0.97	GRD
118.9	124.52	5.62	QFP
124.52	128.81	4.29	GRD
128.81	137.16	8.35	GRD

SAMPLES	
Numbers:	Q016022 to Q016047, Q016079 to Q016094, Q016702 to Q016708
Total:	55
Batch:	001, 002, 003, 013
Certificates:	WH14092120, WH14092121, WH14092122, WH14093787

COMMENTS

Box Log

KL-14-137

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	7.32	11.43
2	11.43	15.16
3	15.16	19.13
4	19.13	23.21
5	23.21	27.3
6	27.3	31.32
7	31.32	35.07
8	35.07	39.06
9	39.06	42.78
10	42.78	46.85
11	46.85	50.6
12	50.6	54.81
13	54.81	58.72
14	58.72	62.9
15	62.9	66.7
16	66.7	70.71
17	70.71	75.08
18	75.08	78.35
19	78.35	82.3
20	82.3	86.37
21	86.37	90.09
22	90.09	94.12
23	94.12	97.89
24	97.89	101.95
25	101.95	106
26	106	110.13
27	110.13	114.25
28	114.25	118.04
29	118.04	121.92
30	121.92	125.79
31	125.79	130.07
32	130.07	134.11
33	134.11	137.16

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-137									
	43.56	14	HQ	GRD	998.5	576.2	2.44	2.4	Moderately argillic altered granodiorite, weakly oxidized.
	54.43	13	HQ	GRD	1134.1	710.9	2.99	2.7	Unaltered granodiorite
	111.63	17	HQ	GRD	2310	1775.3	4.65	4.3	Quartz vein hosting disseminated to semi-massive arsenopyrite, blebby pyrite and disseminated chalcopyrite.
	113.44	14.5	HQ	GRD	1269	807.1	2.99	2.8	Moderate argillic altered granodiorite with a moderate propyllitic and weak phyllic overprint.
	123.69	10.5	HQ	QFP	882.1	564.1	2.87	2.8	Light grey quartz feldspar porphyry dyke.
	125.55	11	HQ	GRD	1576.9	1206.2	4.91	4.3	Part of quartz/massive sulphide vein. Vein hosts blebby to semi massive pyrite, blebby sphalerite and chalcopyrite and disseminated galena.
	125.67	9.5	HQ	GRD	1196.3	883.9	4.31	3.8	Part of quartz/carbonate/massive sulphide vein. Vein hosts blebby to semi massive pyrite, blebby sphalerite and chalcopyrite, and disseminated galena and jamesonite.
	126.61	13	HQ	GRD	1174.6	763	3.09	2.9	Strong to intensely altered granodiorite that's is strongly silicified. Hosts disseminated to blebby pyrite and a 1.2cm quartz vein hosting blebby pyrite and disseminated sphalerite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
7.32	18.07	10.75	GRD	MG	n							
						MD	OR		OXI	3I		
						MD	GY		ARG	3I		
18.07	20.25	2.18	GRD	MG	Moderately argillic altered granodiorite containing strong pervasive oxidation and is moderately silicified. Silicification is strongest around smokey quartz veins and veinlets (55 degrees TCA). ~1% black goethite infill's fractures and has a dendritic texture on core surface.							
						MD	OR		OXI	4I		
						LT	GY		ARG	3I	Go	1
									SIL	3I		
20.25	24.42	4.17	GRD	MG	Moderately argillic altered granodiorite that has been strongly oxidized. Contains multiple patches of gouge that vary from 3 -15cm in width. Goethite along fracture surfaces.							
						MD	OR		OXI	4I		
						LT	WH		ARG	3I	Go	3
28.33	32.91	4.58	GRD	MG	Granodiorite with alternating patches of strong oxidation/moderate silicification with strongly argillic altered granodiorite. Oxidation obscures much of the rock texture. Argillic patches are less competent and break apart easily. Argillic patches and fracture surfaces contain weak to moderate oxidation and trace goethite staining. Patches of the interval have been altered to gouge. The interval also hosts multiple quarts and carbonate veinlets and stringers.							
						MD	OR		ARG	4I		
						LT	WH		OXI	4I		
									SIL	3I		
32.91	34.79	1.88	GRD	MG	Unaltered granodiorite that has been trace to strong oxidation along fracture surfaces.							
						MD	GY		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR					
34.79	35.43	0.64	GRD	MG	Moderately phyllic altered granodiorite that has been moderately oxidized. Hosts two carbonate veinlets.							
						MD	OR		PHC	3I		
						LT	GN		OXI	3I		
35.43	40.52	5.09	GRD	MG	Granodiorite with alternating patches of strong oxidation/moderate silicification with strongly argillic altered granodiorite. Oxidation obscures much of the rock texture. Argillic patches are less competent and break apart easily. Argillic patches and fracture surfaces contain weak to moderate oxidation and trace goethite staining. Patches of the interval have been altered to gouge. The interval also hosts multiple quarts and carbonate veinlets and stringers.							
						MD	OR		ARG	4I		
						LT	WH		OXI	4I		
									SIL	3I		
40.52	40.72	0.20	GRD	MG	Moderate phyllic alteration halo around two carbonate stringers. Phyllic granodiorite is moderately oxidized.							
						MD	OR					
						LT	GN		PHC	3I		
40.72	45.72	5.00	GRD	MG	Granodiorite with alternating patches of strong oxidation/moderate silicification with strongly argillic altered granodiorite. Oxidation obscures much of the rock texture. Argillic patches are less competent and break apart easily. Argillic patches and fracture surfaces contain weak to moderate oxidation and trace goethite staining. Patches of the interval have been altered to gouge. The interval also hosts multiple quarts and carbonate veinlets and stringers.							
						MD	OR		ARG	4I		
						LT	WH		OXI	4I		
									SIL	3I		
45.72	55.75	10.03	GRD	MG	Grey unaltered granodiorite with limonite staining along some fracture surfaces.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY				Li	1
55.75	56.13	0.38	GRD	MG	Strongly argillic altered weakly oxidized granodiorite. Granodiorite is heavily broken and breaks apart easily.							
						MD	BN		OXI	1I		
						LT	WH		ARG	4I		
56.13	57.36	1.23	GRD	MG	Strongly phyllic altered granodiorite with moderate oxidationon/around fracture surfaces. Gouge zone in the center of the interval is intensely oxidized and broken up. Contains multiple quartz/carbonate veins. Phyllic alteration host trace disseminated pyrite.							
						MD	OR		SIL	3I		
						LT	GN		OXI	3I	Py	1
									PHC	4I		
57.36	58.57	1.21	GRD	MG	Grey unaltered granodiorite with limonite staining along some fracture surfaces.							
						MD	GY				Li	1
58.57	60.17	1.60	GRD	MG	Moderately argillic altered granodiorite with moderate phyllic overprinting and strong silicification halo around a minor quartz/carbonate stringer and goethite vein. Moderate oxidation on fracture surfaces.							
						LT	WH		OXI	3I		
						LT	GN		SIL	4I		
									ARG	3I		
									PHC	3I		
60.17	63.32	3.15	GRD	MG	Grey unaltered granodiorite with limonite staining along some fracture surfaces.							
						MD	GY				Li	1
63.32	64.88	1.56	GRD	MG	Moderate phyllic/silicification halo around multiple quartz/carbonate/sulphide veins and veinlets. Phyllic alteration host trace disseminated pyrite.							
						MD	OR		SIL	3I		
						LT	GN		OXI	3I	Py	2
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
64.88	75.14	10.26	GRD	MG	Grey unaltered granodiorite with limonite staining along some fracture surfaces.							
						MD	GY				Li	1
77.62	85.75	8.13	GRD	MG	Grey unaltered granodiorite with limonite staining along some fracture surfaces.							
						MD	GY				Li	1
85.75	90.60	4.85	GRD	MG	Patches of moderate to strong argillic altered granodiorite alternating with less frequent patches of medium to dark grey granodiorite. Argillic alteration is occasionally overprinted by moderate alteration due to minor quartz veinlets. Fracture surfaces are moderately oxidized.							
						MD	GY					
						LT	WH		ARG	3I		
						LT	GY		PHC	3I		
90.60	109.39	18.79	GRD	MG	Grey unaltered granodiorite with sporadic small patches of moderate argillic alteration with a weak potassic overprint. Fracture surfaces contain a soft carbonate that is white to light green and reacts strongly with HCl. Argillic patches are soft and crumbly.							
						MD	GY		ARG	3I		
						LT	WH		POT	2I		
109.39	114.48	5.09	GRD	MG	Alteration halo surrounding a large quartz/sulphide vein zone (1.15m wide). Zone consists of a massive arsenopyrite vein. Black breccia veins and multiple quartz/sulphide veins and veinlets. Granodiorite proximal to these veins is strongly phyllic and silica altered. These areas host disseminated to blebby pyrite and sphalerite with concentration and grain sizes decreasing distally from vein zone. Phyllic and silica alteration intensity decreases distally from vein zone and transitions into argillic alteration with a moderate phyllic overprint. Argillic and less intense phyllic zones contain minor carbonate veinlets.							
						MD	GN		PHC	4I	Sp	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PHC	3I		
						LT	WH		PHC	2I		
						LT	GN		ARG	3I	Py	3
									SIL	4I		
									SIL	3I		
									SIL	2I		
114.48	117.93	3.45	GRD	MG	Grey unaltered granodiorite with sporadic small patches of moderate argillic alteration with a weak potassic overprint. Fracture surfaces contain a soft carbonate that is white to light green and reacts strongly with HCl. Argillic patches are soft and crumbly.							
						MD	GY		ARG	3I		
						LT	WH		POT	2I		
117.93	118.90	0.97	GRD	MG	Top alteration halo of quartz feldspar porphyry dyke. Halo starts off as moderate argillic alteration with a moderate propyllitic and weak potassic overprint. Alteration transitions to moderate to strong phyllic and strong silica altered granodiorite. Phyllic alteration hosts disseminated pyrite. Contact between altered granodiorite and quartz feldspar porphyry dyke is marked by a black breccia vein.s							
						MD	GY		PHC	4I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
									SIL	3I		
									SIL	4I		
118.90	124.52	5.62	QFP	FG	Quartz feldspar porphyry dyke. Dyke varies in colour from pink to dark green to light green to light grey to medium purple. Large portions of the dyke have been partially to mostly converted to gouge. Gouge zones are soft and/or broken up. Dyke is cross-cut by a variety of carbonate stringers at various orientations.							
						MD	PU					
						MD	PK					
						LT	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN					
						DK	GN					
124.52	128.81	4.29	GRD	MG	Lower half of the alteration halo surrounding the quartz feldspar porphyry dyke. Halo hosts a large 1.3m quartz and massive sulphide veins and many quartz/carbonate/sulphide veins that are proximal to it. Granodiorite proximal to these veins is strong to intense phyllic altered and strongly silicified and hosts disseminated to blebby pyrite. Granodiorite located distal to vein zone is moderately phyllic altered and transitions to argillic alteration at the furthest extent from the vein zone.							
						MD	GY		PHC	5I		
						MD	GN		PHC	4I		
						LT	WH		SIL	3I		
						LT	GN		SIL	4I	Py	3
									PHC	3I		
									ARG	3I		
128.81	137.16	8.35	GRD	MG	Unaltered granodiorite with a few phyllic/argillic halos surrounding quartz/carbonate/sulphide veins and veinlets. EOH							
						MD	GY					

KL-14-137

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
7.32	18.07	10.75	GRD	MG	Medium grey granodiorite, with weak to strong oxidation along fracture surfaces and in halos surrounding them. Moderate argillic alteration is patchy with the majority occurring in the top 1.5 m of the interval. Argillic is patches are crumbly and less competent.							
						MD	GY		ARG	3I		
						MD	OR		OXI	3I		
18.07	20.25	2.18	GRD	MG	Moderately argillic altered granodiorite containing strong pervasive oxidation and is moderately silicified. Silicification is strongest around smokey quartz veins and veinlets (55 degrees TCA). ~1% black goethite infill's fractures and has a dendritic texture on core surface.							
									SIL	3I		
						LT	GY		ARG	3I	Go	1
						MD	OR		OXI	4I		
20.25	24.42	4.17	GRD	MG	Moderately argillic altered granodiorite that has been strongly oxidized. Contains multiple patches of gouge that vary from 3 -15cm in width. Goethite along fracture surfaces.							
						MD	OR		OXI	4I		
						LT	WH		ARG	3I	Go	3
24.42	28.33	3.91	GRD	MG	Moderately phyllic altered granodiorite. ~75% of the core has been altered to a light orange gouge. Visible patches of unaltered granodiorite show a weak to moderately phyllic altered granodiorite. Phyllic patches contain <1% hematite. Goethite along some fracture surfaces.							
						LT	OR		PHC	3I	Go	1
						LT	GN				He	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
28.33	45.72	17.39	GRD	MG	Granodiorite with alternating patches of strong oxidation/moderate silicification with strongly argillic altered granodiorite. Oxidation obscures much of the rock texture. Argillic patches are less competent and break apart easily. Argillic patches and fracture surfaces contain weak to moderate oxidation and trace goethite staining. Patches of the interval have been altered to gouge. The interval also hosts multiple quarts and carbonate veinlets and stringers.							
						MD	OR		ARG	4I		
						LT	WH		OXI	4I		
									SIL	3I		
45.72	85.75	40.03	GRD	MG	Grey unaltered granodiorite with limonite staining along some fracture surfaces.							
						MD	GY				Li	1
85.75	90.60	4.85	GRD	MG	Patches of moderate to strong argillic altered granodiorite alternating with less frequent patches of medium to dark grey granodiorite. Argillic alteration is occasionally overprinted by moderate alteration due to minor quartz veinlets. Fracture surfaces are moderately oxidized.							
						MD	GY					
						LT	GY		PHC	3I		
						LT	WH		ARG	3I		
90.60	117.93	27.33	GRD	MG	Grey unaltered granodiorite with sporadic small patches of moderate argillic alteration with a weak potassic overprint. Fracture surfaces contain a soft carbonate that is white to light green and reacts strongly with HCl. Argillic patches are soft and crumbly.							
						MD	GY		ARG	3I		
						LT	WH		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
117.93	118.90	0.97	GRD	MG	Top alteration halo of quartz feldspar porphyry dyke. Halo starts off as moderate argillic alteration with a moderate propyllitic and weak potassic overprint. Alteration transitions to moderate to strong phyllic and strong silica altered granodiorite. Phyllic alteration hosts disseminated pyrite. Contact between altered granodiorite and quartz feldspar porphyry dyke is marked by a black breccia vein.							
						DK	GN		PRO	3I		
						LT	WH		ARG	3I		
									SIL	4I		
									SIL	3I		
						MD	GY		PHC	4I		
						LT	GN		PHC	3I		
118.90	124.52	5.62	QFP	FG	Quartz feldspar porphyry dyke. Dyke varies in colour from pink to dark green to light green to light grey to medium purple. Large portions of the dyke have been partially to mostly converted to gouge. Gouge zones are soft and/or broken up. Dyke is cross-cut by a variety of carbonate stringers at various orientations.							
						LT	GY					
						MD	PU					
						DK	GN					
						LT	GN					
						MD	PK					
124.52	128.81	4.29	GRD	MG	Lower half of the alteration halo surrounding the quartz feldspar porphyry dyke. Halo hosts a large 1.3m quartz and massive sulphide veins and many quartz/carbonate/sulphide veins that are proximal to it. Granodiorite proximal to these veins is strong to intense phyllic altered and strongly silicified and hosts disseminated to blebby pyrite. Granodiorite located distal to vein zone is moderately phyllic altered and transitions to argillic alteration at the furthest extent from the vein zone.							
						MD	GY		PHC	5I		
						LT	WH		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	4I		
									PHC	3I		
									ARG	3I		
						LT	GN		SIL	4I	Py	3
128.81	137.16	8.35	GRD	MG	Unaltered granodiorite with a few phyllic/argillic halos surrounding quartz/carbonate/sulphide veins and veinlets. EOH							
						MD	GY					

KL-14-137

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	7.32	7.32	0	0	0.00	0	--	--	--	
7.32	9.14	1.82	1.54	85	0.47	26	--	2H	4W	
9.14	12.19	3.05	2.76	90	1.61	53	--	3H	3W	patches of 5W
12.19	15.24	3.05	2.96	97	0.98	32	--	3H	3W	patches of 5W
15.24	18.29	3.05	2.8	92	1.43	47	--	3H	3W	
18.29	21.34	3.05	2.93	96	2.31	76	--	3H	2W	patches of 5W. Joints in clusters with large spread in between them
21.34	24.38	3.04	2.89	95	2.04	67	--	3H	5W	
24.38	27.43	3.05	2.98	98	0.55	18	--	1H	5W	Gouge zone. No consistent joint sets
27.43	30.48	3.05	3.05	100	2.32	76	--	2H	4W	
30.48	33.53	3.05	2.8	92	1.95	64	--	3H	2W	>0.5 between joint clusters. 1R present
33.53	36.58	3.05	2.98	98	2.36	77	--	3H	3W	0.65 between joint clusters
36.58	39.62	3.04	2.82	93	1.75	58	--	2H	4W	sections of 3W present. 1W common
39.62	42.67	3.05	2.58	85	1.24	41	--	2H	3W	
42.67	45.72	3.05	2.62	86	1.51	50	--	2H	4W	> 1m seperation of joint clusters
45.72	48.77	3.05	2.86	94	2.35	77	--	4H	3W	
48.77	51.82	3.05	2.94	96	2.44	80	--	4H	2W	
51.82	54.86	3.04	2.79	92	2.08	68	--	4H	2W	
54.86	57.91	3.05	2.36	77	0.74	24	--	2H	3W	4W common. Joint clusters 0.5m apart
57.91	60.96	3.05	2.81	92	1.94	64	--	3H	4W	3W common
60.96	64.01	3.05	2.81	92	2.05	67	--	4H	3W	
64.01	67.06	3.05	2.8	92	1.59	52	--	4H	2W	3W common. 2R present
67.06	70.10	3.04	2.82	93	2.16	71	--	4H	2W	
70.10	73.15	3.05	2.88	94	2.60	85	--	4H	2W	1W common
73.15	76.20	3.05	2.77	91	1.39	46	--	2H	3W	3W an average 2W and 5W present in different sections
76.20	79.25	3.05	2.64	87	1.13	37	--	2H	3W	Alteration and weathering combined to create rubble through interval
79.25	82.30	3.05	2.72	89	1.59	52	--	4H	2W	
82.30	85.34	3.04	2.69	88	1.74	57	--	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
85.34	88.39	3.05	2.51	82	0.98	32	--	1H	3W	1H-4H represented
88.39	91.44	3.05	3.04	100	1.97	65	--	1H	1W	
91.44	94.49	3.05	3.05	100	1.95	64	--	4H	1W	
94.49	97.54	3.05	3.03	99	1.34	44	--	4H	1W	2 Patches of 1H (Gouge)
97.54	100.58	3.04	2.68	88	1.44	47	--	4H	1W	Patch of 1H (Argillic alteration). Clusters 0.8m
100.58	103.63	3.05	2.82	92	1.50	49	--	4H	1W	
103.63	106.68	3.05	2.95	97	1.49	49	--	4H	1W	Patch of 2H
106.68	109.73	3.05	2.99	98	1.90	62	--	4H	1W	Two patches of 1H
109.73	112.78	3.05	2.84	93	2.06	68	--	4H	1W	5H and 3H present
112.78	115.82	3.04	2.84	93	2.40	79	--	4H	1W	
115.82	118.87	3.05	3.02	99	0.85	28	--	4H	1W	Patch of 1H
118.87	121.92	3.05	2.89	95	1.16	38	--	3H	1W	Quartz feldspar dyke begins
121.92	124.97	3.05	2.78	91	1.02	33	--	3H	1W	Quartz feldspar dyke ends (roughly 124.2). Patch of 1H
124.97	128.02	3.05	2.82	92	2.06	68	--	4H	2W	Very rich sulfide vein. Areas of 5H
128.02	131.06	3.04	2.94	97	2.19	72	--	4H	1W	
131.06	134.11	3.05	2.98	98	2.31	76	--	4H	1W	Patch of 1H. 2 Joint clusters 1.5m apart
134.11	137.16	3.05	2.97	97	2.64	87	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
8	0.312	GRD	
9	0.202	GRD	
10	0.24	GRD	
11	1.05	GRD	
12	11.4	GRD	
13	8	GRD	
14	5.58	GRD	
15	3.44	GRD	
16	4.05	GRD	
17	2.64	GRD	
18	0.147	GRD	
19	0.184	GRD	
20	0.159	GRD	
21	0.418	GRD	
22	0.377	GRD	
23	0.381	GRD	
24	0.194	GRD	
25	0.186	GRD	
26	0.219	GRD	
27	0.181	GRD	
28	0.242	GRD	
29	0.201	GRD	
30	0.178	GRD	
31	0.254	GRD	
32	0.444	GRD	
33	11.4	GRD	
34	6.34	GRD	
35	0.446	GRD	
36	0.258	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
37	0.564	GRD	
38	1.84	GRD	
39	0.405	GRD	
40	0.167	GRD	
41	5.98	GRD	
42	0.353	GRD	
43	0.273	GRD	
44	5.71	GRD	
45	10.2	GRD	
46	15.2	GRD	
47	11.5	GRD	
48	11.7	GRD	
49	15.5	GRD	
50	12.7	GRD	
51	17.6	GRD	
52	15.1	GRD	
53	11.4	GRD	
54	14.9	GRD	
55	13.5	GRD	
56	0.442	GRD	
57	0.318	GRD	
58	0.81	GRD	
59	0.299	GRD	
60	1.03	GRD	
61	0.917	GRD	
62	9.8	GRD	
63	6.08	GRD	
64	0.39	GRD	
65	14.8	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
66	12.1	GRD	
67	15.5	GRD	
68	15.9	GRD	
69	18.2	GRD	
70	11.7	GRD	
71	18.3	GRD	
72	20.8	GRD	
73	17.1	GRD	
74	19.4	GRD	
75	14.5	GRD	
76	5.8	GRD	
77	0.673	GRD	
78	15.9	GRD	
79	14.3	GRD	
80	15	GRD	
81	14.2	GRD	
82	16.2	GRD	
83	13.2	GRD	
84	14.7	GRD	
85	15.4	GRD	
86	0.77	GRD	
87	12.6	GRD	
88	5.56	GRD	
89	0.28	GRD	
90	0.59	GRD	
91	10.4	GRD	
92	16.9	GRD	
93	19.8	GRD	
94	20.5	GRD	
95	17.4	GRD	
96	27.7	GRD	
97	21.7	GRD	
98	18.2	GRD	
99	12.8	GRD	
100	12.9	GRD	
101	18.3	GRD	
102	18.8	GRD	
103	19.2	GRD	
104	14.5	GRD	
105	21	GRD	
106	15.2	GRD	
107	19.9	GRD	
108	19.8	GRD	
109	20.1	GRD	
110	0.923	GRD	
111	0.284	GRD	
112	0.209	GRD	
113	0.68	GRD	
114	0.661	GRD	
115	13.4	GRD	
116	5.62	GRD	
117	6.08	GRD	
118	0.467	GRD	
119	0.31	QFP	
120	0.229	QFP	
121	0.258	QFP	
122	0.303	QFP	QF Dyke
123	0.397	QFP	
124	0.248	QFP	
125	0.504	GRD	Sulfide veining
126	0.134	GRD	
127	0.324	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
128	0.311	GRD	
129	5.79	GRD	
130	3.96	GRD	
131	2.99	GRD	
132	11.1	GRD	
133	16.8	GRD	
134	0.65	GRD	
135	0.578	GRD	
136	3.16	GRD	
137	21	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381769	6890026	1308	153.92

ZONE: Western BRX

SECTION:

HOLE: KL-14-138

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Jun 08 - Jun 09, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
1.52	32.4	-50.6	Reflex
153.92	35.5	-51.1	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	39.11	37.59	GRD
39.11	50.7	11.59	GRD
50.7	61.05	10.35	GRD
61.05	68.58	7.53	GRD
68.58	69.1	0.52	GRD
69.1	69.76	0.66	BXA
69.76	101.98	32.22	GRD
101.98	114.19	12.21	GRD
114.19	128.25	14.06	GRD
128.25	132.44	4.19	GRD
132.44	133.7	1.26	QFP
133.7	143.71	10.01	GRD
143.71	153.92	10.21	GRD

SAMPLES	
Numbers:	Q016048 to Q016078, Q016701, Q927002 to Q927007
Total:	41
Batch:	002, 003, 013, 081
Certificates:	WH14092120, WH14092121, WH14093787, WH14110380

COMMENTS

Box Log

KL-14-138

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	7.43
2	7.43	13.2
3	13.2	18.55
4	18.55	24.2
5	24.2	29.61
6	29.61	35.37
7	35.37	41
8	41	46.52
9	46.52	52.05
10	52.05	56.84
11	56.84	63.15
12	63.15	68.58
13	68.58	74.32
14	74.32	79.68
15	79.68	84.92
16	84.92	89.92
17	89.92	95.27
18	95.27	100.84
19	100.84	106.05
20	106.05	111.35
21	111.35	117.25
22	117.25	122.52
23	122.52	127.81
24	127.81	133.09
25	133.09	138.86
26	138.86	144
27	144	148.74
28	148.74	153.92

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-138									
	25.91	13.5	NQ2	GRD	710.4	426.9	2.48	2.5	Granodiorite with weak propylitic and weaker oxidization.
	51.86	15	NQ2	GRD	838.7	481.1	2.63	2.4	Granodiorite with moderate argillic and weak phyllic.
	108.77	11.5	NQ2	GRD	652.6	411.8	2.67	2.7	Granodiorite with trace propylitic alteration.
	115.65	10.5	NQ2	GRD	520.5	307.9	2.33	2.5	Granodiorite with strong argillic, weak overprinting potassic.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	5.21	3.69	GRD	MG	Rubbly top of hole with moderate-strong oxidization and trace patchy argillic. Strong limonite on fracture faces with weak gouge development.							
						MD	BN	RB	ARG	1I		
						MD	GY	PO	OXI	3I	Li	5
5.21	7.17	1.96	GRD	MG	Most of this interval is very soft and sandy-crumbled, with moderate gouge development. Bright orange-brown due to oxidization.							
						MD	BN	PO	OXI	4I	Li	8
						MD	OR	PB	ARG	2I		
7.17	28.90	21.73	GRD	MG	Granodiorite with patchy trace argillic and vein-associated weak phyllic. Argillic zones tend to be strongly oxidized, often softer than surrounding rock. Cobble-sized mafic xenoliths. Cut by one aplite dyklet at 19m. Calcite veinlets and stringers are found between 23-28.90m at 60 degrees TCA. Minor veinlet set at 25 degrees TCA. Patches of weak propylitic (chloritic green).							
						MD	GY	PO	OXI	3I	Li	1
						MD	BN		ARG	2I		
									PRO	1I		
									PHC	1I		
28.90	29.71	0.81	GRD	MG	Moderate pervasive argillic with moderate pervsive oxidization. Groundmass is mostly brown. 2 zones of sandy argillized core. Crosscut by 3 smoky quartz-calcite veinlets with fine grained disseminated pyrite at 50 degrees TCA.							
						MD	BN	PO	OXI	3I	Li	3
						MD	OR	PB	ARG	3I		
29.71	33.01	3.30	GRD	MG	As at 7.17-28.90m. Cut by set of calcite-chlorite-hematite veinlets with phyllic halos at 35 degrees TCA.							
						MD	GY	PO	OXI	2I	Li	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BN		ARG	1I		
									PHC	1I		
33.01	34.94	1.93	GRD	MG	Moderate pervasive argillic with weak vein-associated phyllic, weak vein-associated silicification, and moderate pervasive oxidization. Short fracture zone with moderate gouge. Cut by massive-colloform calcite-ankerte-quartz veinlets at 45 degrees TCA.							
						MD	BN	PO	OXI	1I	Li	6
						LT	OR	FR	ARG	3I		
									PHC	1I		
34.94	39.11	4.17	GRD	MG	Relatively unaltered granodiorite with mafic xenoliths and an aplite dyklet. 2 veins have inner phyllic halos and outer argillic halos.							
						MD	GY	PO	OXI	1I	Li	1
									ARG	1I		
									PHC	1I		
39.11	50.70	11.59	GRD	MG	Moderate-strongly oxidized granodiorite with weak patchy argillic and trace vein-associated phyllic. Extended gouge-sandy zone at 40.00-41.30m. Crosscut by rare aplite dyklets at 35 degrees TCA and calcite-ankerite-quartz veins at 60 degrees TCA. Weak silicification on calcite-quartz veins at 47.30-47.60m hosting galena and pyrite.							
						MD	GY		OXI	3I	Ca	1
						MD	BN		SIL	1I		
									ARG	1I		
									PHC	1I		
50.70	61.05	10.35	GRD	MG	Moderate pervasive phyllic alteration gives core overall pale green colour. Patches of weak overprinting argillic, stronger in crumbled areas. Patchy weak pink potassic alteration. Feldspars fully altered to sericite or clay. Weak oxidization in gouge areas. Possible fault at 57.80-58.20m where a slickenside is found. Crosscut by mineralized calcite-ankerite-smoky quartz veinelts with pyrite, honey brown sphalerite, barrren carbonate veinelts, and massive quartz veins. Trace propylitic alteration near fracture infills.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		OXI	1I	Py	1
						LT	GY		PHC	3I		
						LT	PK		ARG	2I		
									POT	1I		
									PRO	1I		
61.05	68.58	7.53	GRD	MG	Chlorite on occasional fracture faces. Patchy propylitic (chlorite and greening of groundmass). Relatively unaltered interval.							
						MD	GY		OXI	1I		
									PRO	1I		
68.58	69.10	0.52	GRD	MG	Heavily veined granodiorite with strong phyllic alteration. Veining is calcite-smoky quartz with disseminated-blebby pyrite (in smoky quartz and phyllic halos). Weak oxide staining on most fractures. 60 degree TCA bottom contact with BX.							
						LT	GN		OXI	1I	Py	1
						LT	GY		PHC	4I		
69.10	69.76	0.66	BXA	MG	Grey fine-grained to aphanitic quartz-matrix breccia with pebble-sized clasts of moderately phyllic altered granodiorite. Clasts are poorly sortes, angular-subangular, and are accompanied by fragments of calcite-smoky quartz veins. Fine grained pyrite in some clasts. 3cm chill along contacts.							
						MD	GN		PHC	3I		
						LT	GN		SIL	1I	Py	1
69.76	76.46	6.70	GRD	MG	Granodiorite with moderate phyllic and patchy weak argillic. Mino carbonate veining and trace potassic alteration. Rare patchy weak silicification.							
						MD	GY	PO	SIL	1I	Py	1
						MD	GN	PA	PHC	3I		
									ARG	2I		
									POT	1I		
76.46	77.55	1.09	GRD	MG	Unaltered granodiorite with mafic xenoliths.							
						MD	GY	PO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
77.55	80.91	3.36	GRD	MG	Strong argillic with weak-moderate potassic overprint. Veining is accompanied by moderate phyllic alteration. Crosscut by calcite veinlets/stringers and smoky quartz-carbonate veins with fine disseminated pyrite.							
						LT	PK	PO	ARG	4I	Py	1
						LT	GN		PHC	3I		
									POT	2I		
80.91	101.98	21.07	GRD	MG	Granodiorite with patchy weak-moderate phyllic/argillic alteratoin, with common overprinting due to halos on banded quartz-calcite veining. Fine disseminated pyrite in phyllic halos and rare smoky quartz-calcite veins. Mafic xenoliths in granodiorite are chloritized and slightly magnetic. Occasional crumbled-gougey zones with possible faulting. Weak patchy potassic alteration in some argillic halos.							
						MD	GY	PO	ARG	2I		
									PHC	2I		
									POT	1I		
101.98	114.19	12.21	GRD	MG	Relatively unaltered granodiorite with weak vein-associated phyllic alteration. Crosscut by calcite veinlets and banded quartz-calcite veinlets.							
						MD	GY		PHC	2I		
						LT	GN					
114.19	126.49	12.30	GRD	MG	Granodiorite in fault zone. Moderately rubbly with multiple fracture sets. Several crumbled-gouged minor faults. Patchy and vein-associated phyllic>argillic alteration. Crosscut by massive quartz veinlets with disseminated-blebby pyrite and banded quartz-calcite veinlets. Sericite is a common fracture coating.							
						MD	GY	PO	PHC	3I		
						LT	GN	FR	ARG	2I		
126.49	128.25	1.76	FLT	FG	Intensely clay altered, strongly sericitized fault gouge zone. No obvious orientation. Strong smoky quartz veining near upper border.							
						MD	GY	RB	CLY	5I		
						LT	GY		SER	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
128.25	132.44	4.19	GRD	MG	Strongly argillic altered granodiorite with patchy weak potassic. Crumbled, sandy, very pyrite-rich veined section at 131.80-132.44m. Consists of fine-coarse grained massive quartz and pyrite fragments. Massive galena near lower contact with QFP.							
						LT	WH		ARG	4I	Py	5
						LT	PK		POT	2I	Gn	0.05
132.44	133.70	1.26	GRD	MG	Sharp upper and lower contacts wih granodiorite. Quartz feldspar porphyry dyke is fine-grained and light grey-green-beige. High grade veining in adjacent granodiorite. Fractures often calcite infilled. Bottom contact is at 35 degrees TCA, with gouge and rubble.							
						LT	BG					
						LT	GN					
						LT	GY					
133.70	133.86	0.16	GRD	MG	Rubbly and fractured due to faulting. Patchy weak phyllic and argillic alteration.							
						LT	GY	PA	ARG	2I		
						LT	PK	FR	PHC	2I		
						LT	GN					
133.86	143.71	9.85	FLT	MG	Rubbly and crumbled fault with minor competent core at 141.73-143.71m. Possible fault orientation at 30 degrees TCA, judging by prevailing fracture set.							
						LT	GY	RB	CLY	4I		
						LT	GN	FR	PHC	2I		
143.71	153.92	10.21	GRD	MG	Granodiorite with weak patchy argillic alteration and overprinting weak pervasive propylitic and potassic alterations. Argillic is related to minor faults. EOH							
						MD	GY		POT	2I		
						MD	PK		PRO	1I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	39.11	37.59	GRD	MG	Dominant alteration: fracture-controlled to patchy oxidization. Trace vein-associated phyllic and weak patchy argillic. Crumbled argillic sections with strong oxidization, with limited clay. Cobble-sized mafic xenoliths. Cut by 2-3cm wide pink aplite dyklets at 30 degrees TCA. Limonite on most fracture faces. Cut by calcite veinlets, sometimes with milky/smoky quartz.							
						MD	GY	PO	OXI	3I	Li	2
						MD	BN		ARG	2I		
									POT	1I		
									PHC	1I		
39.11	50.70	11.59	GRD	MG	Moderate-strongly oxidized granodiorite with weak patchy argillic and trace vein-associated phyllic. Extended gouge-sandy zone at 40.00-41.30m. Crosscut by rare aplite dyklets at 35 degrees TCA and calcite-ankerite-quartz veins at 60 degrees TCA. Weak silicification on calcite-quartz veins at 47.30-47.60m hosting galena and pyrite.							
									PHC	1I		
						MD	GY	PO	OXI	3I	Ca	1
									ARG	1I		
						MD	BN	PB	SIL	1I		
50.70	61.05	10.35	GRD	MG	Moderate pervasive phyllic alteration gives core overall pale green colour. Patches of weak overprinting argillic, stronger in crumbled areas. Patchy weak pink potassic alteration. Feldspars fully altered to sericite or clay. Weak oxidization in gouge areas. Possible fault at 57.80-58.20m where a slickenside is found. Crosscut by mineralized calcite-ankerite-smoky quartz veinelts with pyrite, honey brown sphalerite, barrren carbonate veinelts, and massive quartz veins. Trace propylitic alteration near fracture infills.							
						LT	GN	PO	OXI	1I	Py	1
						LT	GY		PHC	3I		
						LT	PK		ARG	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	1I		
61.05	68.58	7.53	GRD	MG	Chlorite on occasional fracture faces. Patchy propylitic (chlorite and greening of groundmass). Relatively unaltered interval.							
									PRO	1I		
						MD	GY	PO	OXI	1I		
68.58	69.10	0.52	GRD	MG	Heavily veined granodiorite with strong phyllic alteration. Veining is calcite-smoky quartz with disseminated-blebby pyrite (in smoky quartz and phyllic halos). Weak oxide staining on most fractures. 60 degree TCA bottom contact with BX.							
						LT	GN	PO	OXI	1I	Py	1
						LT	GY		PHC	4I		
69.10	69.76	0.66	BXA	MG	Grey fine-grained to aphanitic quartz-matrix breccia with pebble-sized clasts of moderately phyllic altered granodiorite. Clasts are poorly sortes, angular-subangular, and are accompanied by fragments of calcite-smoky quartz veins. Fine grained pyrite in some clasts. 3cm chill along contacts.							
						MD	GN		PHC	3I		
						LT	GN	BX	SIL	1I	Py	1
69.76	101.98	32.22	GRD	MG	Granodiorite with patches of moderate phylli cand patchy weak-moderate argillic alteration. Overprinting of patches is common due to halos on banded quartz-calcite veins. Fine disseminated pyrite in phyllic halos and rare smoky quartz-calcite veins. Mafic xenoliths in granodiorite are chloritized and slightly magnetic. Occasional crumbled-gouge zones with possible faulting. Weak patchy potassic overprinting some argillic alteration.							
						LT	PK	PA	PHC	2I		
						LT	GN		POT	1I		
						MD	GN	PO	ARG	2I	Py	1
101.98	114.19	12.21	GRD	MG	Relatively unaltered granodiorite with weak vein-associated phyllic alteration. Crosscut by calcite veinlets and banded quartz-calcite veinlets.							
						MD	GY	PO	PHC	2I		
						LT	GN	PA				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
114.19	128.25	14.06	GRD	MG	Granodiorite in fault zone. Moderately rubble with multiple fracture sets. Several crumbled, sandy, gouged minor faults. Prominent fault at 126.49-128.25m. Granodiorite with patchy and vein-associated phyllic>argillic alteration. Crosscut by massive quartz veinlets with disseminated-blebby pyrite and banded quartz-calcite veinlets. Sericite is a common fracture coating. Fault is accompanied by strong smoky quartz veining.							
						MD	GY	PO	PHC	3I		
						LT	GN	FR	ARG	2I		
128.25	132.44	4.19	GRD	MG	Strongly argillic altered granodiorite with patchy weak potassic. Crumbled, sandy, very pyrite-rich veined section at 131.80-132.44m. Consists of fine-coarse grained massive quartz and pyrite fragments. Massive galena near lower contact with QFP.							
						LT	PK	PA	POT	2I	Gn	0.05
						LT	WH	PO	ARG	4I	Py	5
132.44	133.70	1.26	QFP	FG	Sharp upper and lower contacts wih granodiorite. Quartz feldspar porphyry dyke is fine-grained and light grey-green-beige. High grade veining in adjacent granodiorite. Fractures often calcite infilled. Bottom contact is at 35 degrees TCA, with gouge and rubble.							
						LT	GY					
						LT	BG					
						LT	GN					
133.70	143.71	10.01	GRD	MG	Rubbly and fractured due to faulting. More coherent until 138.86m. Patchy weak phyllic-argillic alteration above 138.86m. Strong clay alteration at 138.86-143.71m, where core is mostly sand and rubble.							
									CLY	4I		
						LT	GY	RB	PHC	2I		
						LT	GN	FR	ARG	2I		
143.71	153.92	10.21	GRD	MG	Granodiorite with weak patchy argillic alteration and overprinting weak pervasive propylitic and potassic alterations. Argillic is related to minor faults. EOH							
						MD	PK	PA	PRO	1I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PO	POT	2I		

KL-14-138

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	2.45	80	1.35	44	--	4H	3W	Extended casing 10ft. Joints clustered
4.57	7.62	3.05	2.55	84	0.77	25	--	2H	5W	half 1H. Half 4H
7.62	10.67	3.05	2.75	90	1.46	48	--	4H	3W	Many different joint sets visible
10.67	13.72	3.05	2.78	91	1.76	58	--	4H	2W	
13.72	16.76	3.04	2.82	93	1.72	57	--	4H	2W	
16.76	19.81	3.05	2.84	93	1.73	57	--	4H	2W	Joints half 3W and half 2W
19.81	22.86	3.05	2.87	94	1.65	54	--	4H	2W	
22.86	25.91	3.05	2.9	95	1.64	54	--	4H	2W	
25.91	28.96	3.05	2.83	93	2.03	67	--	4H	2W	
28.96	32.00	3.04	2.43	80	0.97	32	--	3H	3W	4H with patches of 1H
32.00	35.05	3.05	2.69	88	1.77	58	--	3H	3W	4H with patches of 1H
35.05	38.10	3.05	3.01	99	2.62	86	--	4H	2W	
38.10	41.15	3.05	2.81	92	1.36	45	--	2H	5W	half 4H, half 1H. Large sections of 1W
41.15	44.20	3.05	2.73	90	1.10	36	--	3H	3W	4H with patches of 1H. Joints clustered
44.20	47.24	3.04	2.61	86	1.23	40	--	3H	3W	Patch of 5W
47.24	50.29	3.05	2.65	87	1.62	53	--	4H	3W	Patch of 1H
50.29	53.34	3.05	2.85	93	2.32	76	--	4H	2W	
53.34	56.39	3.05	2.48	81	1.30	43	--	3H	1W	Joint clusters roughly 0.8m apart
56.39	59.44	3.05	2.42	79	0.80	26	--	3H	2W	4H with 1H patches
59.44	62.48	3.04	2.72	89	1.26	41	--	4H	1W	
62.48	65.53	3.05	2.78	91	1.88	62	--	4H	1W	Single cluster
65.53	68.58	3.05	2.44	80	1.75	57	--	4H	2W	
68.58	71.63	3.05	2.68	88	1.69	55	--	4H	2W	clusters seperated by 0.5m
71.63	74.68	3.05	2.58	85	1.20	39	--	3H	1W	4H with 1H clusters
74.68	77.72	3.04	2.61	86	1.32	43	--	4H	1W	
77.72	80.77	3.05	2.79	91	1.78	58	--	3H	1W	
80.77	83.82	3.05	2.71	89	1.29	42	--	4H	1W	
83.82	86.87	3.05	2.36	77	1.45	48	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.74	90	1.99	65	--	4H	1W	
89.92	92.96	3.04	2.76	91	1.97	65	--	4H	1W	2 patches of 1H
92.96	96.01	3.05	2.88	94	2.01	66	--	4H	1W	Patch of 2H
96.01	99.06	3.05	2.79	91	1.55	51	--	4H	1W	Patch of 1H and Patch of 5H
99.06	102.11	3.05	2.88	94	2.04	67	--	4H	2W	
102.11	105.16	3.05	2.97	97	1.97	65	--	4H	1W	
105.16	108.20	3.04	2.89	95	1.92	63	--	4H	1W	
108.20	111.25	3.05	2.87	94	1.58	52	--	4H	1W	
111.25	114.30	3.05	2.97	97	1.82	60	--	4H	1W	3 small patches of 1H
114.30	117.35	3.05	2.23	73	0.98	32	--	3H	1W	Mix of 1H, 3H and 4H
117.35	120.40	3.05	2.89	95	1.48	49	--	4H	1W	Joint clusters 0.7m apart
120.40	123.44	3.04	2.82	93	1.07	35	--	3H	1W	Mix of 1H-4H
123.44	126.49	3.05	2.93	96	1.80	59	--	4H	1W	Small patch of 1H and 3H. 5 Joints bunched in 0.25m at 126.3. Fault zone
126.49	129.54	3.05	2.65	87	1.07	35	--	2H	1W	Patch of 4H. Jointing irregular
129.54	132.59	3.05	2.66	87	1.44	47	--	2H	1W	
132.59	135.64	3.05	2.13	70	0.86	28	--	2H	1W	
135.64	138.68	3.04	2.88	95	0.98	32	--	4H	1W	
138.68	141.73	3.05	2.8	92	0.13	4	--	1H	1W	All Rubble
141.73	144.78	3.05	2.5	82	0.40	13	--	3H	1W	1H-4H. 5 Joints spaced at 0.05 in 0.3m section. Only section with that joint set
144.78	147.83	3.05	2.98	98	1.25	41	--	3H	1W	1H-4H
147.83	150.88	3.05	2.41	79	1.21	40	--	3H	1W	4H with large patches of 2H
150.88	153.92	3.04	2.58	85	1.35	44	--	4H	1W	EOH

KL-14-138

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	13.5	GRD	
3	17	GRD	
4	17.4	GRD	
5	9.72	GRD	
6	4.81	GRD	Somewhat intact gougy?
7	4.68	GRD	
8	15.2	GRD	
9	2.98	GRD	
10	0.464	GRD	
11	16.8	GRD	
12	15.8	GRD	
13	10.3	GRD	
14	3.71	GRD	
15	15.5	GRD	
16	0.277	GRD	
17	15.9	GRD	
18	0.372	GRD	
19	12.7	GRD	
20	16.6	GRD	
21	14	GRD	
22	15.8	GRD	
23	0.278	GRD	
24	6.72	GRD	
25	13.8	GRD	
26	2.14	GRD	
27	0.501	GRD	
28	15.3	GRD	
29	0.502	GRD	
30	9.57	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	16.8	GRD	
32	15.5	GRD	
33	3.01	GRD	
34	0.411	GRD	
35	5.13	GRD	
36	15.4	GRD	
37	19.4	GRD	
38	19	GRD	
39	1.38	GRD	
40	10.3	GRD	
41	3.76	GRD	
42	0.307	GRD	
43	0.283	GRD	
44	2.14	GRD	
45	5.24	GRD	
46	16.7	GRD	
47	0.71	GRD	
48	0.556	GRD	
49	5.49	GRD	
50	4.7	GRD	
51	0.65	GRD	
52	1.75	GRD	
53	0.757	GRD	
54	0.329	GRD	
55	0.305	GRD	
56	0.443	GRD	
57	0.335	GRD	
58	0.338	GRD	
59	0.34	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	0.656	GRD	
61	5.99	GRD	
62	18.2	GRD	
63	15.2	GRD	
64	17.7	GRD	
65	17.5	GRD	
66	9.33	GRD	
67	5.43	GRD	
68	17.1	GRD	
69	0.201	GRD	
70	0.23	GRD	
71	0.612	GRD	
72	0.389	GRD	
73	2.02	GRD	
74	0.703	GRD	
75	0.364	GRD	
76	0.568	GRD	
77	8.56	GRD	
78	0.416	GRD	
79	1.17	GRD	
80	0.211	GRD	
81	12.1	GRD	
82	19.4	GRD	
83	16.7	GRD	
84	0.703	GRD	
85	16.7	GRD	
86	0.517	GRD	
87	0.479	GRD	
88	0.506	GRD	
89	11.8	GRD	
90	17.9	GRD	
91	11.3	GRD	
92	5.11	GRD	
93	18	GRD	
94	18.4	GRD	
95	18.2	GRD	
96	19.5	GRD	
97	15.9	GRD	
98	0.346	GRD	
99	3.57	GRD	
100	3.87	GRD	
101	0.467	GRD	
102	4.38	GRD	
103	21.9	GRD	
104	4.12	GRD	
105	16.3	GRD	
106	143	GRD	
107	16.4	GRD	
108	16.3	GRD	
109	16.8	GRD	
110	11	GRD	
111	0.629	GRD	
112	16.1	GRD	
113	10.4	GRD	
114	13.1	GRD	
115	1.4	GRD	
116	0.689	GRD	
117	0.187	GRD	
118	2.37	GRD	
119	0.337	GRD	
120	0.347	GRD	
121	0.342	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	0.392	GRD	
123	8.87	GRD	
124	0.476	GRD	
125	13.4	GRD	
126	8.85	GRD	
127	0.366	GRD	
128	1.21	GRD	
129	5.34	GRD	
130	9.26	GRD	
131	5.63	GRD	
132	0.441	GRD	
133	0.334	QFP	
134	0.428	GRD	
135	0.319	GRD	
136	0.343	GRD	
137	0.377	GRD	
138	0.276	GRD	
139	0	GRD	Cannot get measurement due to Rubble
140	0	GRD	Cannot get measurement due to Rubble
141	0.387	GRD	
142	7.3	GRD	
143	0.443	GRD	
144	0.599	GRD	
145	7.76	GRD	
146	2.44	GRD	
147	0.785	GRD	
148	13.1	GRD	
149	4.31	GRD	
150	0.599	GRD	
151	0.849	GRD	
152	22	GRD	
153	14.3	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381570	6890165	1273.73	242.92

ZONE: Western BRX

SECTION:

HOLE: KL-14-139

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 15.24m, Out

Drilling Dates: Jun 08 - Jun 12, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	31.3	-49.5	Reflex
242.92	37	-46.1	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.25	2.25	CAS
2.25	45.68	43.43	GRD
45.68	74.74	29.06	GRD
74.74	78.45	3.71	GRD
78.45	92.28	13.83	GRD
92.28	99.14	6.86	GRD
99.14	179.69	80.55	GRD
179.69	197.55	17.86	GRD
197.55	212.4	14.85	GRD
212.4	242.92	30.52	GRD

SAMPLES	
Numbers:	Q016109 to Q016121, Q016162 to Q016172, Q016196 to Q016211, Q016227 to Q016250, Q016501 to Q016515, Q016709 to Q016725
Total:	105
Batch:	004, 005, 006, 007, 008, 013
Certificates:	WH14093780, WH14093781, WH14093782, WH14093783, WH14093784, WH14093787

COMMENTS

Box Log

KL-14-139

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	0	6.32
2	6.32	10.98
3	10.98	14.47
4	14.47	18.58
5	18.58	22.44
6	22.44	26.02
7	26.02	29.8
8	29.8	34.13
9	34.13	38.46
10	38.46	43.39
11	43.39	47.21
12	47.21	51.08
13	51.08	55.22
14	55.22	59.25
15	59.25	63.09
16	63.09	67.32
17	67.32	71.42
18	71.42	75.44
19	75.44	79.55
20	79.55	83.72
21	83.72	87.68
22	87.68	92.01
23	92.01	96.19
24	96.19	100.06
25	100.06	104.24
26	104.24	108.64
27	108.64	112.77
28	112.77	116.87
29	116.87	121.12
30	121.12	125.37
31	125.37	129.42
32	129.42	133.65
33	133.65	137.67
34	137.67	141.28
35	141.28	145.8
36	145.8	150.11
37	150.11	154.38
38	154.38	158.62
39	158.62	162.86
40	162.86	167.2
41	167.2	171.51
42	171.51	175.86
43	175.86	179.81
44	179.81	183.95
45	183.95	188.06
46	188.06	192.15
47	192.15	196.29
48	196.29	200.25
49	200.25	204.3
50	204.3	208.45
51	208.45	212.38
52	212.38	216.28
53	216.28	220.43
54	220.43	224.64
55	224.64	228.86
56	228.86	233.23
57	233.23	236.83
58	236.83	240.8
59	240.8	242.92

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-139									
	66.14	10.2	HQ	GRD	868.4	183	2.91	1.3	Unaltered Granodiorite
	72.28	14.8	HQ	GRD	1288.4	240.8	2.98	1.2	Moderately Phyllic altered and silicified granodiorite
	76.07	13.6	HQ	GRD	1188.1	311.7	2.99	1.4	Moderately Silicified hosting two 1mm smoky quartz veins which host disseminated pyrite and sphalerite. Phyllic alteration hosts disseminated pyrite
	82.96	15	HQ	GRD	1209.1	288.2	2.76	1.3	Moderately argillic altered granodiorite with a weak pottasic and propalytic overprint.
	91.26	14.9	HQ	GRD	1175	690.8	2.7	2.4	Moderate argillic altered granodiorite with strong pottassic overprint
	138.65	15	HQ	GRD	1281.6	800	2.92	2.7	Strong phyllic altered silicified granodiorite with weak propalytic overprint hosting thin tan quartz veins
	138.65	15	HQ	GRD	1281.6	800	2.92	2.7	Strong phyllic altered silicified granodiorite with weak propalytic overprint hosting thin tan quartz veins
	153.67	15	HQ	GRD	1265	759.5	2.89	2.5	Moderately propalytic altered granodiorite with trace pottasic overprint
	184.32	15.3	HQ	GRD	1197.1	719.3	2.68	2.5	Moderately altered argillic granodiorite wih moderate pottassic and propalytic overprint with two crosscutting 25 degree ankerite veins

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	223.63	14.5	HQ	GRD	1212.7	757.7	2.86	2.7	Moderate argillic altered granodiorite with moderate phyllic and weak propalytic overprint, moderate silicification and ankerite blebs and veinlets. Argillic alteration concentrated in a band

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.25	45.36	43.11	GRD	MG	Top of hole granodiorite. Sporadic patches of highly fractured, unaltered granodiorite. With large patches of moderate to strong argillic alteration that has been moderate to strongly oxidized and heavily limonite stained. Entire interval has been heavily broken up with argillic patches are more heavily broken up or rubbly. Most alteration is obscured by heavy oxidation. The unaltered granodiorite is the least oxidized with the oxidation mostly confined to fracture surfaces. Low recovery in argillic portions.							
						MD	OR		ARG	4I		
						MD	GY		ARG	3I	Li	2
						LT	WH		OXI	3I		
									OXI	4I		
45.52	45.68	0.16	GRD	MG	Top of hole granodiorite. Sporadic patches of highly fractured, unaltered granodiorite. With large patches of moderate to strong argillic alteration that has been moderate to strongly oxidized and heavily limonite stained. Entire interval has been heavily broken up with argillic patches are more heavily broken up or rubbly. Most alteration is obscured by heavy oxidation. The unaltered granodiorite is the least oxidized with the oxidation mostly confined to fracture surfaces. Low recovery in argillic portions.							
						MD	GY		ARG	3I	Li	2
						MD	OR		ARG	4I		
						LT	WH		OXI	3I		
									OXI	4I		
45.68	59.12	13.44	GRD	MG	Primarily unaltered granodiorite with weak to moderate oxidation and limonite staining along fracture surfaces. Contains small sporadic patches of weak to moderate argillic alteration.							
									ARG	3I	Li	2
									OXI	3I		
									ARG	2I		
									OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
59.12	60.20	1.08	GRD	MG	Moderately argillic altered granodiorite that has been weakly silicified and weak to moderately oxidized. The interval is partially broken up.							
						LT	WH		ARG	3I		
						LT	OR		OXI	2I		
									OXI	3I		
									SIL	2I		
60.20	61.92	1.72	GRD	MG	Primarily unaltered granodiorite with weak to moderate oxidation and limonite staining along fracture surfaces. Contains small sporadic patches of weak to moderate argillic alteration.							
									OXI	2I		
									ARG	2I		
									ARG	3I	Li	2
									OXI	3I		
61.92	63.12	1.20	GRD	MG	Moderately argillic altered granodiorite with a weak potassic overprint. Argillic is weakly silicified and moderately oxidized.							
						MD	PK		POT	3I		
						MD	OR		OXI	3I		
						LT	WH		ARG	3I		
									SIL	2I		
63.12	70.85	7.73	GRD	MG	Primarily unaltered granodiorite with weak to moderate oxidation and limonite staining along fracture surfaces. Contains small sporadic patches of weak to moderate argillic alteration.							
						MD	GN		ARG	3I	Li	2
						MD	OR		ARG	2I		
									OXI	2I		
									OXI	3I		
70.85	73.48	2.63	GRD	MG	Moderately phyllic altered and silicified granodiorite with patches of moderate alteration with a weak potassic overprint. Facture surfaces are moderately oxidized.							
						MD	GY		ARG	3I		
						LT	GN		PHC	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
73.48	74.74	1.26	GRD	MG	Primarily unaltered granodiorite with weak to moderate oxidation and limonite staining along fracture surfaces. Contains small sporadic patches of weak to moderate argillic alteration.							
						MD	GN		ARG	3I	Li	2
						MD	OR		ARG	2I		
									OXI	2I		
									OXI	3I		
74.74	78.45	3.71	GRD	MG	An alteration halo around a vein zone of smokey quartz/sulphide veins and veinlets. Moderate phyllic and silica alteration directly around veins and veinlets, transitions into moderate argillic alteration with a weak potassic overprint distally from veins, phyllic zones proximal to larger veins hosts disseminated pyrite. Moderate oxidation along fracture surfaces.							
						MD	PK		POT	2I		
						MD	GY		OXI	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I	Py	1
									SIL	3I		
78.45	84.42	5.97	GRD	MG	Moderate to strong argillic alteration with a moderate potassic and patchy propyllitic overprint and a patch of weak phyllic overprint caused by proximal quartz stringers.							
						MD	PK		PHC	2I		
						LT	WH		ARG	3I		
						LT	GN		POT	3I		
									PRO	2I		
84.42	86.38	1.96	GRD	MG	Mostly unaltered granodiorite that has been weakly propyllitic and trace potassic altered.							
						MD	GY		PRO	2I		
						DK	GN		POT	1I		
86.38	92.28	5.90	GRD	MG	Moderate to strong argillic alteration with a moderate potassic and patchy propyllitic overprint and a patch of weak phyllic overprint caused by proximal quartz stringers.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PHC	2I		
						LT	GN		POT	3I		
						LT	WH		ARG	3I		
									PRO	2I		
92.28	99.14	6.86	GRD	MG	Moderate to strongly phyllic altered vein zone hosting an abundance of smokey quartz/sulphide veins and veinlets. Strong phyllic zones are proximal to veining host disseminated pyrite and are moderately silicified.							
						MD	GN		PHC	3I	Py	1
						MD	GY		SIL	3I		
						LT	GN		PHC	4I		
99.14	101.68	2.54	GRD	MG	Trace to weak propyllitic propyllitic and trace potassic altered granodiorite. Quartz and/or carbonate veins and veinlets have small phyllic and/or propyllitic alteration halos throughout the interval.							
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
						MD	GN		PRO	1I		
101.68	102.78	1.10	GRD	MG	Moderate phyllic envelope around multiple quartz carbonate veinlets.							
						LT	GN		PHC	3I		
102.78	113.84	11.06	GRD	MG	Trace to weak propyllitic propyllitic and trace potassic altered granodiorite. Quartz and/or carbonate veins and veinlets have small phyllic and/or propyllitic alteration halos throughout the interval.							
						MD	GY		PRO	2I		
						MD	GN		PRO	1I		
						MD	PK		POT	1I		
113.84	115.09	1.25	GRD	MG	Moderately phyllic alteration around two quartz/hematite veinlets. Phyllic alteration transition to moderate argillic alteration distally from veinlets.							
						LT	GN		PHC	3I	He	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	3I		
115.09	118.82	3.73	GRD	MG	Trace to weak propyllitic propyllitic and trace potassic altered granodiorite. Quartz and/or carbonate veins and veinlets have small phyllic and/or propyllitic alteration halos throughout the interval.							
						MD	GY		PRO	2I		
						MD	GN		PRO	1I		
						MD	PK		POT	1I		
118.82	123.95	5.13	GRD	MG	Moderate phyllic alteration around a long low angle quartz/carbonate vein. Phyllic alteration transitions into moderate argillic alteration with a potassic overprint distally from vein.							
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
123.95	126.39	2.44	GRD	MG	Trace to weak propyllitic propyllitic and trace potassic altered granodiorite. Quartz and/or carbonate veins and veinlets have small phyllic and/or propyllitic alteration halos throughout the interval.							
						MD	GY		PRO	2I		
						MD	GN		PRO	1I		
						MD	PK		POT	1I		
126.39	133.63	7.24	GRD	MG	Multiple spaced out quartz/carbonate veinlets with a moderate phyllic halo that transitions to argillic alteration with weak to moderate potassic and weak propyllitic overprint.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
133.63	139.10	5.47	GRD	MG	Moderate to strong phyllic envelope around a long low angle quartz/pyrite vein and multiple quartz carbonate veinlets. Strong phyllic alteration proximal to low angle vein hosts disseminated pyrite.							
						MD	GN		PHC	4I		
						LT	GN		PHC	3I	Py	1
139.10	145.12	6.02	GRD	MG	Trace to weak propyllitic propyllitic and trace potassic altered granodiorite. Quartz and/or carbonate veins and veinlets have small phyllic and/or propyllitic alteration halos throughout the interval.							
						MD	GY		PRO	2I		
						MD	GN		PRO	1I		
						MD	PK		POT	1I		
145.12	152.39	7.27	GRD	MG	Moderate phyllic alteration envelope around a long low angel quartz/hematite/chlorite vein and multiple quartz/carbonate breccias. Phyllic alteration transitions to phyllic overprinted argillic with patchy propyllitic alteration distally from vein.							
						LT	GN		PHC	3I		
									ARG	3I		
									PRO	2I		
152.39	159.77	7.38	GRD	MG	Moderate phyllic envelope around multiple quartz/carbonate veins/veinlets transitioning into phyllic overprinted argillic with patchy propyllitic alteration distally from vein.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
159.77	170.77	11.00	GRD	MG	Trace to weak propyllitic propyllitic and trace potassic altered granodiorite. Quartz and/or carbonate veins and veinlets have small phyllic and/or propyllitic alteration halos throughout the interval.							
						MD	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	2I		
						MD	GN		PRO	1I		
170.77	172.33	1.56	GRD	MG	Moderately argillic altered granodiorite with a weak potassic and propyllitic overprint. Grey quartz vein in lower 1/3 of interval has a weak 15 cm phyllic halo.							
						MD	PK		PRO	2I		
						LT	GN		PHC	2I		
						LT	WH		ARG	3I		
						DK	GN		POT	2I		
172.33	175.98	3.65	GRD	MG	Trace to weak propyllitic propyllitic and trace potassic altered granodiorite. Quartz and/or carbonate veins and veinlets have small phyllic and/or propyllitic alteration halos throughout the interval.							
						MD	GY		PRO	2I		
						MD	GN		PRO	1I		
						MD	PK		POT	1I		
175.98	178.31	2.33	GRD	MG	Zone of multiple quartz/carbonate veins/veinlets with moderate phyllic envelops. Phyllic alteration transitions to weak potassic and propyllitic overprinted argillic alteration distally from veins.							
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
178.31	179.69	1.38	GRD	MG	Trace to weak propyllitic propyllitic and trace potassic altered granodiorite. Quartz and/or carbonate veins and veinlets have small phyllic and/or propyllitic alteration halos throughout the interval.							
						MD	GN		PRO	1I		
						MD	PK		POT	1I		
						MD	GY		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
179.69	185.82	6.13	GRD	MG	Moderately argillic altered granodiorite with a weak to moderate potassic and propyllitic overprint.							
									PRO	2I		
									ARG	3I		
									POT	2I		
									POT	3I		
185.82	191.09	5.27	GRD	MG	Phyllic altered granodiorite with patchy propyllitic and phyllic overprinted argillic alteration. Hosts multiple quartz and/or carbonate veins and veinlets.							
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
									ARG	3I		
191.09	192.30	1.21	GRD	MG	Moderately argillic altered granodiorite with a weak to moderate potassic and propyllitic overprint.							
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
									POT	3I		
									PRO	2I		
192.30	192.98	0.68	GRD	MG	Phyllic altered granodiorite with patchy propyllitic and phyllic overprinted argillic alteration. Hosts multiple quartz and/or carbonate veins and veinlets.							
						LT	WH		PRO	3I		
						LT	GN		PHC	3I		
						DK	GN		ARG	3I		
192.98	196.30	3.32	GRD	MG	Moderately argillic altered granodiorite with a weak to moderate potassic and propyllitic overprint.							
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
									POT	3I		
									PRO	2I		
197.25	197.55	0.30	GRD	MG	Moderately argillic altered granodiorite with a weak to moderate potassic and propyllitic overprint.							
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	3I		
									PRO	2I		
									POT	3I		
197.55	212.40	14.85	GRD	MG	Moderately phyllic altered granodiorite with a patch of moderate argillic and weak propyllitic alteration. Portions of the interval have been altered to gouge. Phyllic alteration is strong proximal to quartz sulphide veins and hosts disseminated pyrite.							
						LT	WH		ARG	3I		
						LT	GN		PHC	3I	Py	1
						DK	GN		PRO	2I		
212.40	212.94	0.54	GRD	MG	Medium grey granodiorite that has been weakly propyllitic and potassic altered.							
						MD	GY		PRO	2I		
						DK	GN		POT	2I		
212.94	214.33	1.39	GRD	MG	Moderately phyllic altered granodiorite hosting multiple smokey quartz veins/veinlets.							
						LT	GN		PHC	3I		
214.33	220.33	6.00	GRD	MG	Medium grey granodiorite that has been weakly propyllitic and potassic altered.							
						MD	GY		PRO	2I		
						DK	GN		POT	2I		
220.33	225.15	4.82	GRD	MG	Moderately phyllic altered granodiorite hosting multiple quartz sulphide veinlets.							
						LT	GN		SIL	3I		
									PHC	3I		
225.15	229.63	4.48	GRD	MG	Medium grey granodiorite that has been weakly propyllitic and potassic altered.							
						MD	GY		PRO	2I		
						DK	GN		POT	2I		
229.63	239.67	10.04	GRD	MG	Moderately phyllic altered granodiorite with patchy weak propyllitic and argillic alteration. Middle portion of the interval is gouge altered and broken up.							
						LT	GN		PHC	3I		
						LT	WH		ARG	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
239.67	240.15	0.48	GRD	MG	Medium grey granodiorite that has been weakly propyllitic and potassic altered.							
						MD	GY		PRO	2I		
						DK	GN		POT	2I		
241.48	242.92	1.44	GRD	MG	Medium grey granodiorite that has been weakly propyllitic and potassic altered.							
						MD	GY		PRO	2I		
						DK	GN		POT	2I		

KL-14-139

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.25	45.68	43.43	GRD	MG	Top of hole granodiorite. Sporadic patches of highly fractured, unaltered granodiorite. With large patches of moderate to strong argillic alteration that has been moderate to strongly oxidized and heavily limonite stained. Entire interval has been heavily broken up with argillic patches are more heavily broken up or rubbly. Most alteration is obscured by heavy oxidation. The unaltered granodiorite is the least oxidized with the oxidation mostly confined to fracture surfaces. Low recovery in argillic portions.							
						MD	OR		ARG	4I		
						LT	WH		OXI	3I		
									OXI	4I		
						MD	GY		ARG	3I	Li	2
45.68	74.74	29.06	GRD	MG	Primarily unaltered granodiorite with weak to moderate oxidation and limonite staining along fracture surfaces. Contains small sporadic patches of weak to moderate argillic alteration.							
									OXI	3I		
						MD	GN		ARG	3I	Li	2
						MD	OR		ARG	2I		
									OXI	2I		
74.74	78.45	3.71	GRD	MG	An alteration halo around a vein zone of smokey quartz/sulphide veins and veinlets. Moderate phyllic and silica alteration directly around veins and veinlets, transitions into moderate argillic alteration with a weak potassic overprint distally from veins, phyllic zones proximal to larger veins hosts disseminated pyrite. Moderate oxidation along fracture surfaces.							
									SIL	3I		
						MD	GY		OXI	3I		
						MD	PK		POT	2I		
						LT	GN		PHC	3I	Py	1
						LT	WH		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
78.45	92.28	13.83	GRD	MG	Moderate to strong argillic alteration with a moderate potassic and patchy propyllitic overprint and a patch of weak phyllic overprint caused by proximal quartz stringers.							
						MD	PK		PHC	2I		
						LT	WH		ARG	3I		
									PRO	2I		
						LT	GN		POT	3I		
92.28	99.14	6.86	GRD	MG	Moderate to strongly phyllic altered vein zone hosting an abundance of smokey quartz/sulphide veins and veinlets. Strong phyllic zones are proximal to veining host disseminated pyrite and are moderately silicified.							
						MD	GN		PHC	3I	Py	1
						LT	GN		PHC	4I		
						MD	GY		SIL	3I		
99.14	179.69	80.55	GRD	MG	Trace to weak propyllitic propyllitic and trace potassic altered granodiorite. Quartz and/or carbonate veins and veinlets have small phyllic and/or propyllitic alteration halos throughout the interval.							
						MD	GY		PRO	2I		
						MD	GN		PRO	1I		
						MD	PK		POT	1I		
179.69	197.55	17.86	GRD	MG	Moderately argillic altered granodiorite with a weak to moderate potassic and propyllitic overprint.							
						LT	WH		ARG	3I		
									PRO	2I		
						MD	PK		POT	2I		
									POT	3I		
197.55	212.40	14.85	GRD	MG	Moderately phyllic altered granodiorite with a patch of moderate argillic and weak propyllitic alteration. Portions of the interval have been altered to gouge. Phyllic alteration is strong proximal to quartz sulphide veins and hosts disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I	Py	1
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
212.40	242.92	30.52	GRD	MG	Medium grey granodiorite that has been weakly propyllitic and potassic altered.							
						DK	GN		POT	2I		
						MD	GY		PRO	2I		

KL-14-139

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.14	2.14	0	0	0.00	0	--	--	--	
2.14	5.18	3.04	2.45	81	0.35	12	--	2H	4W	interval very rubbly
5.18	8.23	3.05	1.93	63	0.00	0	--	1H	5W	
8.23	11.28	3.05	3.05	100	0.56	18	--	3H	4W	
11.28	14.33	3.05	3.05	100	0.46	15	--	3H	4W	
14.33	17.37	3.04	2.89	95	0.87	29	--	4H	2W	
17.37	20.42	3.05	3.01	99	1.09	36	--	4H	2W	
20.42	23.47	3.05	3.05	100	0.70	23	--	4H	3W	
23.47	26.52	3.05	2.92	96	0.23	8	--	3H	4W	
26.52	29.57	3.05	2.62	86	0.77	25	--	3H	3W	
29.57	32.61	3.04	2.59	85	0.32	11	--	3H	3W	
32.61	35.66	3.05	2.12	70	0.00	0	--	2H	5W	
35.66	38.71	3.05	2.8	92	1.16	38	--	4H	1W	
38.71	41.76	3.05	2.02	66	0.13	4	--	3H	3W	
41.76	44.81	3.05	3.05	100	0.56	18	--	4H	3W	
44.81	47.85	3.04	3	99	1.48	49	--	4H	2W	
47.85	50.90	3.05	3.05	100	0.74	24	--	3H	3W	
50.90	53.95	3.05	3.05	100	1.71	56	--	4H	1W	
53.95	57.00	3.05	3.05	100	1.56	51	--	4H	1W	
57.00	60.05	3.05	2.89	95	1.57	51	--	4H	2W	
60.05	63.09	3.04	3.04	100	1.62	53	--	4H	1W	
63.09	66.14	3.05	3.05	100	2.31	76	--	4H	1W	
66.14	69.19	3.05	2.86	94	2.54	83	--	4H	1W	
69.19	72.24	3.05	3.03	99	2.03	67	--	4H	1W	
72.24	75.29	3.05	3.04	100	1.72	56	--	3H	2W	
75.29	78.33	3.04	3.04	100	1.72	57	--	3H	2W	
78.33	81.38	3.05	2.94	96	1.60	52	--	3H	3W	
81.38	84.42	3.04	2.93	96	2.66	88	--	4H	1W	
84.42	87.47	3.05	2.85	93	2.13	70	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.47	90.52	3.05	2.96	97	2.83	93	--	3H	1W	
90.52	93.57	3.05	3.05	100	2.52	83	--	3H	1W	
93.57	96.62	3.05	2.86	94	1.24	41	--	3H	3W	rubble zones
96.62	99.67	3.05	3.05	100	2.00	66	--	3H	3W	
99.67	102.72	3.05	3.05	100	2.97	97	--	3H	1W	
102.72	105.77	3.05	3.03	99	2.60	85	--	4H	1W	
105.77	108.81	3.04	3.04	100	3.02	99	--	4H	1W	
108.81	111.86	3.05	3.05	100	2.63	86	--	4H	1W	
111.86	114.91	3.05	3.05	100	2.80	92	--	4H	1W	
114.91	117.96	3.05	3.05	100	2.46	81	--	4H	1W	
117.96	121.01	3.05	3.02	99	2.31	76	--	4H	2W	
121.01	124.05	3.04	3	99	2.49	82	--	3H	1W	
124.05	127.10	3.05	3.05	100	2.26	74	--	4H	1W	
127.10	130.15	3.05	2.98	98	2.45	80	--	3H	1W	
130.15	133.20	3.05	2.6	85	1.65	54	--	3H	2W	very undulatory semi-vertical jt sets
133.20	136.25	3.05	3	98	1.52	50	--	3H	3W	very fractured fault zone
136.25	139.29	3.04	3.04	100	2.70	89	--	3H	2W	
139.29	142.34	3.05	3.05	100	1.92	63	--	4H	1W	
142.34	145.39	3.05	3.03	99	2.77	91	--	4H	1W	
145.39	148.44	3.05	3.05	100	1.95	64	--	3H	2W	
148.44	151.49	3.05	3.05	100	2.01	66	--	3H	1W	
151.49	154.53	3.04	3.04	100	2.76	91	--	3H	1W	
154.53	157.58	3.05	2.95	97	2.84	93	--	4H	1W	
157.58	160.63	3.05	3.05	100	2.85	93	--	5H	1W	
160.63	163.67	3.04	2.88	95	2.73	90	--	4H	1W	
163.67	166.72	3.05	3.05	100	2.69	88	--	4H	1W	
166.72	169.77	3.05	3.05	100	3.05	100	--	4H	1W	
169.77	172.82	3.05	2.95	97	2.65	87	--	4H	1W	
172.82	175.86	3.04	2.98	98	2.80	92	--	4H	1W	
175.86	178.91	3.05	3.05	100	2.61	86	--	4H	1W	
178.91	181.96	3.05	2.99	98	2.50	82	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.96	185.01	3.05	3.05	100	2.44	80	--	3H	1W	
185.01	188.06	3.05	3	98	2.86	94	--	3H	1W	
188.06	191.10	3.04	3	99	2.86	94	--	4H	1W	
191.10	194.15	3.05	3.02	99	2.88	94	--	3H	1W	
194.15	197.20	3.05	3.01	99	2.68	88	--	4H	1W	
197.20	200.25	3.05	3.05	100	3.05	100	--	3H	1W	
200.25	203.30	3.05	3.05	100	2.89	95	--	3H	1W	
203.30	206.35	3.05	3.04	100	2.45	80	--	3H	1W	
206.35	209.40	3.05	3.05	100	2.67	88	--	2H	2W	
209.40	212.45	3.05	2.91	95	1.95	64	--	3H	2W	
212.45	215.49	3.04	3.04	100	2.75	90	--	3H	1W	
215.49	218.54	3.05	3.05	100	2.87	94	--	4H	1W	
218.54	221.59	3.05	3.05	100	2.95	97	--	4H	1W	
221.59	224.64	3.05	3.05	100	2.61	86	--	3H	1W	
224.64	227.69	3.05	2.94	96	2.55	84	--	4H	1W	
227.69	230.73	3.04	2.83	93	2.68	88	--	4H	1W	
230.73	233.78	3.05	3.05	100	1.85	61	--	3H	1W	
233.78	236.83	3.05	2.78	91	0.57	19	--	2H	1W	shear zone
236.83	239.88	3.05	3.05	100	2.09	69	--	4H	1W	
239.88	242.92	3.04	3.04	100	2.95	97	--	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	5.21	GRD	
4	0.36	GRD	
5	0.164	GRD	
6	5.21	GRD	
7	9.68	GRD	
8	0.4	GRD	
9	0.276	GRD	
10	0.142	GRD	
11	1.5	GRD	
12	0.204	GRD	
13	12.5	GRD	
14	11.1	GRD	
15	15.3	GRD	
16	12.1	GRD	
17	13.9	GRD	
18	13.6	GRD	
19	13.6	GRD	
20	11.2	GRD	
21	0.85	GRD	
22	0.264	GRD	
23	0.14	GRD	
24	0.199	GRD	
25	4.84	GRD	
26	9.92	GRD	
27	0.349	GRD	
28	13.7	GRD	
29	7.7	GRD	
30	2.04	GRD	
31	0.243	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	3.63	GRD	
33	3.92	GRD	
34	9.09	GRD	
35	6.44	GRD	
36	11	GRD	
37	13.7	GRD	
38	15.6	GRD	
39	5.25	GRD	
40	0.224	GRD	
41	0.494	GRD	
42	0.553	GRD	
43	5.69	GRD	
44	0.271	GRD	
45	0.527	GRD	
46	14.1	GRD	
47	13.2	GRD	
48	11.5	GRD	
49	7.9	GRD	
50	14.7	GRD	
51	16.7	GRD	
52	13	GRD	
53	15.8	GRD	
54	12.2	GRD	
55	13.6	GRD	
56	13.9	GRD	
57	12.4	GRD	
58	15.7	GRD	
59	5.38	GRD	
60	0.526	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	15.9	GRD	
62	0.56	GRD	
63	0.477	GRD	
64	4.71	GRD	
65	16.6	GRD	
66	17	GRD	
67	18.4	GRD	
68	6.04	GRD	
69	17.5	GRD	
70	8.06	GRD	
71	1.14	GRD	
72	0.662	GRD	
73	3.01	GRD	
74	0.611	GRD	
75	0.503	GRD	
76	0.433	GRD	
77	0.429	GRD	
78	0.236	GRD	
79	0.437	GRD	
80	0.528	GRD	
81	0.315	GRD	
82	0.62	GRD	
83	0.468	GRD	
84	0.624	GRD	
85	9.1	GRD	
86	15.4	GRD	
87	0.67	GRD	
88	0.458	GRD	
89	0.469	GRD	
90	0.892	GRD	
91	0.638	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
92	0.843	GRD	
93	0.379	GRD	
94	0.229	GRD	
95	0.143	GRD	
96	0.019	GRD	
97	0.1	GRD	
98	0.419	GRD	
99	0.173	GRD	
100	0.197	GRD	
101	0.703	GRD	
102	0.646	GRD	
103	2.56	GRD	
104	15.4	GRD	
105	12.5	GRD	
106	11.7	GRD	
107	12.1	GRD	
108	9.41	GRD	
109	5.01	GRD	
110	6.47	GRD	
111	5.49	GRD	
112	1.93	GRD	
113	10.5	GRD	
114	0.167	GRD	
115	0.171	GRD	
116	1.97	GRD	
117	8.47	GRD	
118	8.06	GRD	
119	0.251	GRD	
120	3.09	GRD	
121	0.32	GRD	
122	0.09	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
123	0.407	GRD	
124	1.75	GRD	
125	0.178	GRD	
126	10	GRD	
127	0.286	GRD	
128	1.5	GRD	
129	0.491	GRD	
130	0.182	GRD	
131	0.438	GRD	
132	0.259	GRD	
133	0.266	GRD	
134	0.145	GRD	
135	0.217	GRD	
136	0.216	GRD	
137	0.085	GRD	
138	0.109	GRD	
139	0.596	GRD	
140	2.56	GRD	
141	10.4	GRD	
142	8.35	GRD	
143	1.26	GRD	
144	4.76	GRD	
145	3.44	GRD	
146	0.398	GRD	
147	0.364	GRD	
148	0.22	GRD	
149	0.387	GRD	
150	0.214	GRD	
151	0.369	GRD	
152	0.329	GRD	
153	7.42	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
154	15.5	GRD	
155	12.5	GRD	
156	0.52	GRD	
157	0.612	GRD	
158	0.516	GRD	
159	2.58	GRD	
160	10.9	GRD	
161	0.41	GRD	
162	14.6	GRD	
163	6.33	GRD	
164	18.2	GRD	
165	20.6	GRD	
166	16	GRD	
167	19.4	GRD	
168	19	GRD	
169	2.22	GRD	
170	15.9	GRD	
171	13.5	GRD	
172	0.227	GRD	
173	0.404	GRD	
174	9.49	GRD	
175	0.676	GRD	
176	18.8	GRD	
177	0.197	GRD	
178	0.446	GRD	
179	13.8	GRD	
180	15.3	GRD	
181	2.19	GRD	
182	0.43	GRD	
183	2.77	GRD	
184	0.081	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
185	0.036	GRD	
186	0.413	GRD	
187	0.207	GRD	
188	0.306	GRD	
189	0.206	GRD	
190	0.238	GRD	
191	0.383	GRD	
192	0.482	GRD	
193	0.552	GRD	
194	0.353	GRD	
195	0.659	GRD	
196	15.2	GRD	
197	0.347	GRD	
198	0.209	GRD	
199	0.273	GRD	
200	0.275	GRD	
201	0.344	GRD	
202	0.497	GRD	
203	0.507	GRD	
204	0.369	GRD	
205	0.138	GRD	
206	0.37	GRD	
207	0.501	GRD	
208	0.295	GRD	
209	0.269	GRD	
210	0.272	GRD	
211	0.295	GRD	
212	4.75	GRD	
213	0.399	GRD	
214	0.426	GRD	
215	15.3	GRD	
216	16.8	GRD	
217	0.705	GRD	
218	15.8	GRD	
219	15.7	GRD	
220	11.5	GRD	
221	1.37	GRD	
222	0.384	GRD	
223	0.4	GRD	
224	0.406	GRD	
225	0.409	GRD	
226	3.69	GRD	
227	11.9	GRD	
228	4.08	GRD	
229	0.645	GRD	
230	0.453	GRD	
231	0.617	GRD	
232	0.247	GRD	
233	0.593	GRD	
234	0.482	GRD	
235	0.372	GRD	
236	0.364	GRD	
237	0.321	GRD	
238	0.552	GRD	
239	0.409	GRD	
240	2.01	GRD	
241	0.411	GRD	
242	3.25	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381685	6890115	1294.16	178.31

ZONE: Western BRX

SECTION:

HOLE: KL-14-140

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 6.09m, Out

Drilling Dates: Jun 09 - Jun 12, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
10.66	32.9	-49.7	Reflex
178.31	38.9	-49.6	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	73.66	72.14	GRD
73.66	81.03	7.37	GRD
81.03	92.6	11.57	GRD
92.6	110.48	17.88	GRD
110.48	131.82	21.34	GRD
131.82	134.47	2.65	QFP
134.47	152.52	18.05	GRD
152.52	168.88	16.36	GRD
168.88	178.31	9.43	GRD

SAMPLES	
Numbers:	Q016095 to Q016108, Q016122 to Q016130, Q927008 to Q927020
Total:	44
Batch:	003, 004, 081
Certificates:	WH14092120, WH14093780, WH14110380

COMMENTS

Box Log

KL-14-140

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	6.37
2	6.37	11.75
3	11.75	16.72
4	16.72	21.74
5	21.74	26.53
6	26.53	32
7	32	37.14
8	37.14	42.9
9	42.9	48.52
10	48.52	54.1
11	54.1	59.7
12	59.7	65.19
13	65.19	70.99
14	70.99	75.98
15	75.98	81.26
16	81.26	86.47
17	86.47	91.92
18	91.92	97.61
19	97.61	102.7
20	102.7	107.46
21	107.46	112.6
22	112.6	117.22
23	117.22	121.79
24	121.79	126.47
25	126.47	131.74
26	131.74	137.11
27	137.11	142.37
28	142.37	147.72
29	147.72	153.1
30	153.1	158.15
31	158.15	163.64
32	163.64	169.16
33	169.16	174.86
34	174.86	178.31

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-140									
	37.53	12.5	NQ2	GRD	677.2	424.7	2.55	2.7	Weak argillic altered granodiorite.
	75.78	11.5	NQ2	GRD	621.6	391.5	2.55	2.7	Strong pervasive phyllic altered granodiorite.
	133.05	16	NQ2	QFP	916.8	574.4	2.7	2.7	Dark pink quartz feldspar porphyry dyke.
	150.31	12.5	NQ2	GRD	621.1	379.4	2.34	2.6	Moderate argillic with weak potassic in granodiorite. EOH

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	24.88	23.36	GRD	MG	Relatively unaltered granodiorite with oxides on fracture faces. Cobbley mafic xenoliths are common. Dominant veinlet set at 60 degrees TCA between 6.50-12.75m is quartz-calcite with a weak chlorite/propylitic halo. Occasional rubble zones with strong oxidization and gouge development.							
						MD	GY	PO	OXI	2I	Li	1
						MD	BN	PA	ARG	1I		
									PRO	1I		
24.88	27.26	2.38	GRD	MG	Weakly argillic altered granodiorite with moderate fracturing and rubble develop. Strong pervasive oxidization with limonite coating fracture faces. 15 cm brown gouge zone at 26.35-26.50m.							
						MD	GY	RB	ARG	2I		
						MD	BN	FR	OXI	3I	Li	5
27.26	50.22	22.96	GRD	MG	Relatively unaltered granodiorite with oxides on fracture faces. Recovery is poor and earthy from 1.52-3.25m. Cobbley mafic xenoliths are common. Dominant veinlet set at 50 degrees TCA between 6.50-12.75m is quartz-calcite with a weak chlorite/propylitic halo. Occasional rubble zones with strong oxidization and gouge development.							
						MD	GY	PO	OXI	2I	Li	1
						MD	BN		ARG	1I		
									PRO	1I		
50.22	54.90	4.68	GRD	MG	Moderate pervasive argillic with patchy phyllic and moderate pervasive brown oxidization. This interval may represent the drill hole runnig sub-parallel to a contact with QFP. Typical veining seen near QFP-granodiorite contacts can be found at 52.84-53.14m. Also, a fragment of QFP is seen at 53.99-54.11m. It doesn't fully intersect the core. Banded ankerite-quartz veinlets are seen near the QFP.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BN	PO	ARG	3I	Li	3
						LT	GN		OXI	3I		
									PHC	2I		
54.90	73.66	18.76	GRD	MG	Relatively unaltered granodiorite with oxides on fracture faces. Cobbley mafic xenoliths are common. Occasional rubble zones with strong oxidization and gouge development.							
						MD	GY	PO	OXI	1I	Li	1
								PA	ARG	1I		
									PRO	1I		
73.66	81.03	7.37	GRD	MG	Moderate-strong pervasive phyllic with patchy argillic. Weak oxidization on fracture faces. Core is fractured with low RQD, but mostly 5-9cm long pieces. Occasional 2-3cm white-grey gouge zones hosting fine pyrite. These gouge zones may indicate faulting at 60 degrees TCA. Disseminated pyrite in most phyllic altered granodiorire. Well veined section, cut by mineralized smoky quartz veins.							
						LT	GN		OXI	1I	Py	1
						LT	GY		PHC	3I	Li	1
									ARG	2I		
81.03	92.60	11.57	GRD	MG	Relatively unaltered granodiorite with patchy weak phyllic and patchy trace potassic. Crosscut by quartz-calcite stringers with chlorite halos and fine disseminated pyrite. Mafic xenoliths.							
						MD	GY		PHC	2I	Py	0.5
									POT	1I		
92.60	110.48	17.88	GRD	MG	Rubbly granodiorite with vein-associated phyllic, weak pervasive propylitic. Rubble zones are crumbled with moderate sericite, especially on fracture faces.							
						MD	GY		PRO	2I	Se	3
									PHC	2I		
110.48	131.82	21.34	GRD	MG	Patchy weak argillic with trace patchy potassic. Granodiorite is fairly fresh. Crosscut by propylitic-style quartz-calcite veinlets with chloritic halos, hosting fine disseminated pyrite. Sharp contact with QFP at 20 degrees TCA.							
						MD	GY	PO	POT	1I		
								PA	ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
131.82	134.47	2.65	QFP	FG	Light green fine grained QFP dyke. Crackled with clay development along cracks. Dark pink QFP near centre of interval. Weak gouge in some places.							
						LT	GN	CR	CLY	2I		
						DK	PK					
134.47	136.48	2.01	GRD	MG	Interval of GRD with strong phyllic alteration due to smoky quartz-calcite veining, typically seen at QFP contacts in the region. Weak pervasive sericite and clay alteration throughout, with rubble and crumbling through 135.64-136.48m. Poor recovery in rubble.							
						LT	GY	RB	SER	2I		
						LT	GN	CR	PHC	4I	Py	1
									CLY	2I		
136.48	147.72	11.24	GRD	MG	Granodiorite with vein-associated propylitic alteration and trace patchy argillic. Crumbling at margins of argillic.							
						MD	GN	PO	PRO	1I		
						MD	GY	PA	ARG	1I		
147.72	150.55	2.83	GRD	MG	Patch of moderate argillic alteration with weak vein-associated phyllic. Veining is banded quartz-calcite.							
						LT	WH	PO	ARG	1I		
						LT	GN		PRO	2I		
150.55	152.52	1.97	GRD	MG	Granodiorite with vein-associated and patchy to pervasive propylitic alteration.							
						MD	GY	PO	PRO	2I		
						MD	GN					
152.52	168.88	16.36	GRD	MG	Strong, pervasive phyllic alteration with patchy argillic. Phyllic is related to high frequency of quartz-calcite with disseminated pyrite veining. Veins are often banded. Some gouge on fractures.							
						LT	GY	PO	ARG	2I		
						LT	GN	PA	PHC	4I		
168.88	178.31	9.43	GRD	MG	Granodiorite with weak patchy argillic, trace patchy potassic, and trace patchy propylitic alterations. Crosscut by calcite stringers/veinlets. EOH							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PO	ARG	2I		
						LT	GN	PA	POT	1I		
									PRO	1I		

KL-14-140

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	73.66	72.14	GRD	MG	Relatively unaltered granodiorite with oxides on fracture faces. Recovery is poor and earthy from 1.52-3.25m. Cobbley mafic xenoliths are common. Dominant veinlet set at 60 degrees TCA between 6.50-12.75m is quartz-calcite with a weak chlorite/propylitic halo. Occasional rubble zones with strong oxidization and gouge development. 50.22-54.90m has stronger alteration and may run semi-parallel to a quartz feldspar porphyry (QFP) contact.				PRO	1I		
						MD	BN	PA	ARG	1I		
						MD	GY	PO	OXI	2I	Li	1
73.66	81.03	7.37	GRD	MG	Moderate-strong pervasive phyllic with patchy argillic. Weak oxidization on fracture faces. Core is fractured with low RQD, but mostly 5-9cm long pieces. Occasional 2-3cm white-grey gouge zones hosting fine pyrite. These gouge zones may indicate faulting at 60 degrees TCA. Disseminated pyrite in most phyllic altered granodiorire. Well veined section, cut by mineralized smoky quartz veins.				ARG	2I		
						LT	GY	FR	PHC	3I	Li	1
						LT	GN	PO	OXI	1I	Py	1
81.03	92.60	11.57	GRD	MG	Relatively unaltered granodiorite with patchy weak phyllic and patchy trace potassic. Crosscut by quartz-calcite stringers with chlorite halos and fine disseminated pyrite. Mafic xenoliths.			PA	POT	1I		
						MD	GY	PO	PHC	2I	Py	0.5
92.60	110.48	17.88	GRD	MG	Rubbly granodiorite with vein-associated phyllic, weak pervasive propylitic. Rubble zones are crumbled with moderate sericite, especially on fracture faces.							
						MD	GY	PO	PRO	2I	Se	3
								RB	PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
110.48	131.82	21.34	GRD	MG	Patchy weak argillic with trace patchy potassic. Granodiorite is fairly fresh. Crosscut by propylitic-style quartz-calcite veinlets with chloritic halos, hosting fine disseminated pyrite. Sharp contact with QFP at 20 degrees TCA.							
								PA	ARG	2I		
						MD	GY	PO	POT	1I		
131.82	134.47	2.65	QFP	FG	Light green fine grained QFP dyke. Crackled with clay development along cracks. Dark pink QFP near centre of interval. Weak gouge in some places.							
						DK	PK					
						LT	GN	CR	CLY	2I		
134.47	152.52	18.05	GRD	MG	Granodiorite with patches of weak-moderate argillic alteration. Edges of argillic patches tend to be crumbled. Crosscut by banded calcite-quartz veinlets.							
						MD	GN	PA				
						MD	GY	PO	ARG	2I		
152.52	168.88	16.36	GRD	MG	Strong, pervasive phyllic alteration with patchy argillic. Phyllic is related to high frequency of quartz-calcite with disseminated pyrite veining. Veins are often banded. Some gouge on fractures.							
						LT	GN	PA	ARG	2I		
						LT	GY	PO	PHC	4I	Py	1
168.88	178.31	9.43	GRD	MG	Granodiorite with weak patchy argillic, trace patchy potassic, and trace patchy propylitic alterations. Crosscut by calcite stringers/veinlets. EOH							
						LT	GN	PA	POT	1I		
									PRO	1I		
						MD	GY	PO	ARG	2I		

KL-14-140

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	2.8	92	1.27	42	--	2H	5W	half 4H, half 1H
4.57	7.62	3.05	2.65	87	1.47	48	--	3H	3W	
7.62	10.67	3.05	2.75	90	2.20	72	--	4H	2W	
10.67	13.72	3.05	2.7	89	1.55	51	--	4H	3W	
13.72	16.76	3.04	2.79	92	0.70	23	--	3H	3W	4H with large patch 1H
16.76	19.81	3.05	2.75	90	1.10	36	--	3H	3W	Patch of 1H
19.81	22.86	3.05	2.65	87	1.30	43	--	4H	2W	
22.86	25.91	3.05	2.4	79	1.26	41	--	3H	3W	Patches of 4H
25.91	28.96	3.05	2.65	87	1.00	33	--	2H	4W	Half 4H, Half 1H
28.96	32.00	3.04	2.95	97	2.10	69	--	4H	2W	
32.00	35.05	3.05	2.85	93	0.82	27	--	4H	2W	
35.05	38.10	3.05	3.05	100	1.60	52	--	4H	3W	Cluster of 3 Joints in 0.05m
38.10	41.15	3.05	2.85	93	0.95	31	--	4H	1W	
41.15	44.20	3.05	2.6	85	1.00	33	--	4H	2W	
44.20	47.24	3.04	2.75	90	1.26	41	--	3H	3W	4H with large patch of 1H
47.24	50.29	3.05	2.67	88	0.91	30	--	4H	3W	
50.29	53.34	3.05	2.95	97	2.10	69	--	2H	3W	3 Joints in 0.05
53.34	56.39	3.05	2.86	94	1.50	49	--	3H	3W	
56.39	59.44	3.05	2.84	93	1.40	46	--	3H	3W	
59.44	62.48	3.04	2.9	95	2.05	67	--	3H	2W	
62.48	65.53	3.05	2.78	91	1.60	52	--	4H	2W	3 Joints in 0.05m. One occurrence
65.53	68.58	3.05	2.87	94	2.12	70	--	4H	1W	
68.58	71.63	3.05	2.63	86	1.30	43	--	4H	1W	
71.63	74.68	3.05	2.83	93	0.93	30	--	3H	1W	
74.68	77.72	3.04	2.66	88	0.44	14	--	3H	1W	4H and 2H
77.72	80.77	3.05	2.82	92	1.00	33	--	4H	2W	
80.77	83.82	3.05	2.84	93	0.89	29	--	4H	1W	Patch of 1H
83.82	86.87	3.05	3.03	99	2.20	72	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.94	96	2.50	82	--	4H	1W	
89.92	92.96	3.04	2.54	84	1.84	61	--	4H	1W	3 Joints in 0.05m
92.96	96.01	3.05	2.2	72	0.20	7	--	1H	1W	Rubble
96.01	99.06	3.05	2.62	86	1.34	44	--	4H	1W	
99.06	102.11	3.05	2.4	79	0.62	20	--	1H	1W	
102.11	105.16	3.05	2.74	90	0.60	20	--	2H	1W	Half 1H, Half 4H
105.16	108.20	3.04	2.66	88	1.51	50	--	3H	1W	Patches of 1H
108.20	111.25	3.05	2.14	70	0.48	16	--	2H	1W	Half 1H, Half 4H
111.25	114.30	3.05	3.05	100	2.30	75	--	4H	1W	
114.30	117.35	3.05	2.99	98	1.65	54	--	4H	1W	
117.35	120.40	3.05	2.84	93	1.20	39	--	4H	1W	
120.40	123.44	3.04	2.77	91	1.60	53	--	4H	1W	
123.44	126.49	3.05	2.6	85	0.39	13	--	4H	1W	
126.49	129.54	3.05	2.65	87	0.85	28	--	3H	1W	
129.54	132.59	3.05	2.91	95	2.27	74	--	3H	1W	
132.59	135.64	3.05	2.98	98	2.56	84	--	2H	1W	QF Dyke
135.64	138.68	3.04	2.98	98	1.60	53	--	3H	1W	4H and 1H present
138.68	141.73	3.05	2.87	94	1.70	56	--	3H	1W	
141.73	144.78	3.05	2.85	93	1.63	53	--	4H	1W	
144.78	147.83	3.05	2.73	90	0.74	24	--	3H	1W	
147.83	150.88	3.05	2.93	96	2.35	77	--	3H	1W	
150.88	153.92	3.04	2.87	94	1.71	56	--	3H	1W	Half 3H, Half 4H
153.92	156.97	3.05	2.97	97	2.00	66	--	4H	1W	
156.97	160.02	3.05	2.91	95	1.68	55	--	3H	1W	
160.02	163.07	3.05	2.93	96	2.00	66	--	3H	1W	
163.07	166.12	3.05	2.92	96	1.93	63	--	3H	1W	
166.12	169.16	3.04	3.01	99	2.59	85	--	3H	1W	
169.16	172.21	3.05	2.96	97	1.78	58	--	4H	1W	
172.21	175.26	3.05	2.74	90	2.19	72	--	4H	1W	
175.26	178.31	3.05	2.91	95	2.74	90	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	4.91	GRD	
3	5.57	GRD	
4	20.5	GRD	
5	11.9	GRD	
6	16.9	GRD	
7	0.654	GRD	
8	13.9	GRD	
9	16.3	GRD	
10	15.4	GRD	
11	18.4	GRD	
12	13.2	GRD	
13	14.5	GRD	
14	10.8	GRD	
15	14.6	GRD	
16	16.1	GRD	
17	13.7	GRD	
18	1.33	GRD	
19	8.68	GRD	
20	13.4	GRD	
21	13.2	GRD	
22	17.7	GRD	
23	6.73	GRD	
24	1.88	GRD	
25	11.1	GRD	
26	11.9	GRD	
27	7.12	GRD	
28	13.5	GRD	
29	15.8	GRD	
30	15	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	15	GRD	
32	8.9	GRD	
33	10.3	GRD	
34	10.6	GRD	
35	14.6	GRD	
36	13.7	GRD	
37	11.6	GRD	
38	17.7	GRD	
39	15.2	GRD	
40	18.4	GRD	
41	4.16	GRD	
42	18	GRD	
43	16.3	GRD	
44	15.8	GRD	
45	14.3	GRD	
46	7.24	GRD	
47	15.8	GRD	
48	4.67	GRD	
49	1.54	GRD	
50	12.8	GRD	
51	0.352	GRD	
52	0.406	GRD	
53	0.462	GRD	
54	0.208	GRD	
55	3.9	GRD	
56	3.2	GRD	
57	1.79	GRD	
58	0.285	GRD	
59	10.2	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	9.97	GRD	
61	16.1	GRD	
62	5.37	GRD	
63	1.98	GRD	
64	16.6	GRD	
65	15.8	GRD	
66	14	GRD	
67	0.48	GRD	
68	7.05	GRD	
69	9.17	GRD	
70	0.4	GRD	
71	11.7	GRD	
72	13.7	GRD	
73	11.7	GRD	
74	2.18	GRD	
75	0.142	GRD	
76	0.282	GRD	
77	0.706	GRD	
78	0.689	GRD	
79	0.432	GRD	
80	0.269	GRD	
81	4.96	GRD	
82	4.47	GRD	
83	12.3	GRD	
84	14.5	GRD	
85	13.5	GRD	
86	3.08	GRD	
87	13.4	GRD	
88	9.69	GRD	
89	7.25	GRD	
90	6.32	GRD	
91	12.6	GRD	
92	6.17	GRD	
93	0.267	GRD	
94	10.1	GRD	
95	9.52	GRD	
96	0.277	GRD	
97	0.639	GRD	
98	0.851	GRD	
99	0.64	GRD	
100	12	GRD	
101	0.383	GRD	
102	0.893	GRD	
103	0.425	GRD	
104	0.223	GRD	
105	5.6	GRD	
106	12.2	GRD	
107	0.466	GRD	
108	0.901	GRD	
109	0	GRD	
110	15.3	GRD	
111	16.9	GRD	
112	16.2	GRD	
113	14.8	GRD	
114	15.8	GRD	
115	14	GRD	
116	7.75	GRD	
117	15.3	GRD	
118	14.2	GRD	
119	15.5	GRD	
120	13.2	GRD	
121	15.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	16	GRD	
123	11.2	GRD	
124	14.7	GRD	
125	10	GRD	
126	13	GRD	
127	7.57	GRD	
128	0.356	GRD	
129	15.2	GRD	
130	0.492	GRD	
131	0.467	GRD	
132	0.197	QFP	
133	0.272	QFP	
134	0.338	QFP	
135	0.348	GRD	
136	1.02	GRD	
137	0.92	GRD	
138	14.7	GRD	
139	14.2	GRD	
140	0.469	GRD	
141	0.926	GRD	
142	0.399	GRD	
143	0.862	GRD	
144	13.1	GRD	
145	5.08	GRD	
146	11.9	GRD	
147	10.3	GRD	
148	0.545	GRD	
149	0.681	GRD	
150	0.428	GRD	
151	0.654	GRD	
152	5.68	GRD	
153	0.593	GRD	
154	0.35	GRD	
155	0.278	GRD	
156	0.291	GRD	
157	0.327	GRD	
158	0.407	GRD	
159	0.322	GRD	
160	0.294	GRD	
161	0.233	GRD	
162	0.435	GRD	
163	0.54	GRD	
164	0.256	GRD	
165	0.237	GRD	
166	1.41	GRD	
167	0.372	GRD	
168	0.972	GRD	
169	1.35	GRD	
170	6.43	GRD	
171	5.06	GRD	
172	7.98	GRD	
173	9.35	GRD	
174	2.99	GRD	
175	8.42	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381709	6890072	1299	172.21

ZONE: Western BRX

SECTION:

HOLE: KL-14-141

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 6.09m, Out

Drilling Dates: Jun 12 - Jun 12, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
19.81	32.4	-50.6	Reflex
172.21	35.5	-51.1	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	73.11	71.59	GRD
73.11	79.95	6.84	GRD
79.95	80.58	0.63	QFP
80.58	93.87	13.29	GRD
93.87	110.5	16.63	GRD
110.5	113.88	3.38	QFP
113.88	124.55	10.67	GRD
124.55	126.19	1.64	GRD
126.19	139.38	13.19	GRD
139.38	140.37	0.99	QFP
140.37	172.21	31.84	GRD

SAMPLES	
Numbers:	Q016131 to Q016161, Q016173 to Q016195, Q016212 to Q016226, Q016726
Total:	77
Batch:	004, 005, 006, 007, 013
Certificates:	WH14093780, WH14093781, WH14093782, WH14093783, WH14093787

COMMENTS

Box Log

KL-14-141

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.46	6.43
2	6.43	12.71
3	12.71	17.34
4	17.34	22.22
5	22.22	27.38
6	27.38	32.31
7	32.31	37.52
8	37.52	41.95
9	41.95	47.28
10	47.28	52.26
11	52.26	57.6
12	57.6	63.03
13	63.03	68.07
14	68.07	73.41
15	73.41	78.9
16	78.9	84.43
17	84.43	89.91
18	89.91	95.4
19	95.4	100.67
20	100.67	106.37
21	106.37	111.84
22	111.84	117.04
23	117.04	122.22
24	122.22	129.19
25	129.19	132.18
26	132.18	137.11
27	137.11	142.2
28	142.2	147.47
29	147.47	152.27
30	152.27	157.4
31	157.4	162.9
32	162.9	168.14
33	168.14	172.21

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-141									
	11.9	15.1	NQ2	GRD	776.6	473.8	2.42	2.6	Weakly ARG altered granodiorite with moderate oxidation. Weakly silicified and hosting 65 degree calcite veins. Oxidation more intense around veins.
	29.06	15.1	NQ2	GRD	826.3	525.1	2.58	2.7	moderate argillic altered granodiorite with moderate phyllic overprinting and moderate hematite staining. Core is deep purple in colour.
	29.9	14.6	NQ2	GRD	730.7	438.8	2.36	2.5	Strongly oxidized brecciated granodiorite with moderately silification and disseminated calcite. Discontinuous calcite veins and ankerite veins present. Weathered Goethite and limonite disseminated and in veins at 40 degrees
	137.87	13.3	NQ2	GRD	1106.3	839	3.92	4.1	Weak phyllic altered granodiorite with blebby and veined (60 degree) ankerite, honey brown and blackjack blebby sphalerite. Galena, sphalerite, pyrite, chalcopyrite and arsenopyrite disseminated throughout
	140.14	13	NQ2	QFP	660.3	405.1	2.39	2.6	Brecciated strongly hydrothermally altered quartz feldspar dyke. Gougy

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	171.61	15.4	NQ2	GRD	816.8	516	2.5	2.7	Weak propalytic altered granodiorite with weak pottassic overprinting and strong silicification

KL-14-141

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	10.45	8.93	GRD	MG	Granodiorite with weak patchy argillic and moderate-strong oxidation. Crosscut by quartz-calcite veinlets. Stronger argillic is crumbled.							
						MD	GN	PO	ARG	2I	Py	0.5
						MD	BN	PA	OXI	3I	Li	8
											Go	1
10.45	12.56	2.11	GRD	MG	Strongly oxidized granodiorite cut by quartz veins that were likely strongly mineralized prior to oxidation. Veins show bright orange, dark brown-black, and yellow oxidation. Veins also have gouge in varying colours. Hosts blebby pyrite.							
						MD	OR	PO	OXI	4I	Py	1
						MD	BN		ARG	2I	Li	10
											Go	2
12.56	20.85	8.29	GRD	MG	Granodiorite with weak patchy argillic, dominated by moderate oxidation and fracturing. Fracture faces are coated with bright orange oxides/clay. Mafic xenoliths are unaltered. Crosscut by calcite veinlets and banded quartz veinlets with disseminated pyrite.							
						MD	GY	PO	OXI	3I	Li	6
						MD	OR	FR	ARG	2I	Go	1
20.85	29.25	8.40	GRD	MG	Relatively unaltered granodiorite with rare narrow argillic patches. Oxidation is moderate-weak on fracture faces, with some wider patches. 28.96-29.25m has unusually high hematite content. It appears to have stained much of the groundmasss.							
						MD	GY	PO	OXI	2I	Li	3
						MD	BN	PA	ARG	1I	He	0.5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
29.25	33.16	3.91	GRD	MG	Moderate pervasive argillic with patchy phyllic, overprinted by strong oxide alteartion. Brown-orange oxidation throughout, strongest in gouged sections. Heavily quartz-calcite veins at 40 degrees TCA between 29.65-31.65m. These veins were likely strongly mineralized prior to oxidation. They contain disseminated pyrite.							
						MD	OR	PA	OXI	4I	Py	0.5
						MD	BN		ARG	3I	Li	10
									PHC	1I		
33.16	38.01	4.85	GRD	MG	Rubbly, strongly oxidized granodiorite with moderate patch argillic. Argillic is strongest in very crumbled, oxidized zones. Core is fractured.							
						MD	OR	RB	ARG	3I		
						MD	BN	FR	OXI	4I	Li	10
38.01	39.93	1.92	GRD	MG	Moderate pervasive argillic with rare weak patchy silicification. Feldspar/groundmass are weakend and extensively stained. Cut by calcite-ankerite veins/veinlets at 35 degrees TCA. These veins likely had strong mineralization, but oxidation has destroyed it.							
						MD	BN	PO	OXI	4I	Li	8
						MD	OR		SIL	1I		
									ARG	3I		
39.93	41.09	1.16	GRD	MG	Unusual alteration. Pervasive moderate argillic, patchy weak phyllic, patchy weak silicification, patchy weak propylitic, and weak oxidation. Propylitic tends to have purple-blue-green colour due to hematite and chlorite overprinting. All of these alteration styles variably overprint each other.							
						MD	GN	PA	SIL	1I		
						LT	OR	PO	OXI	2I	Li	1
									PHC	1I		
									ARG	3I		
									PRO	1I		
41.09	43.38	2.29	GRD	MG	Strong pervasive argillic grandodiorite with fractures and gouge. Weak pervasive oxidation. Some hematite staining.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	OR	PO	OXI	2I	He	1
						LT	WH	FR	ARG	4I		
43.38	44.30	0.92	GRD	MG	Short interval of banded calcite veinlets with silicification and argillic alteration. Argillic is weakly gouged and moderately oxidized.							
						MD	BN		SIL	1I		
						LT	OR		OXI	3I	Li	6
									ARG	1I		
44.30	47.45	3.15	GRD	MG	Relatively unaltered granodiorite with weak patchy potassic/argillic and moderate oxidation. Oxide stained clays on fracture faces.							
						MD	GY	PO	OXI	3I	Li	5
						MD	BN	PA	POT	1I		
									ARG	1I		
47.45	52.10	4.65	GRD	MG	Patchy silica-flooded granodiorite with trace patchy argillic. Pervasive moderate oxidation. Gouge on some fracture faces, oxides on all fracture faces.							
						MD	BN	PO	OXI	3I	Li	8
								PA	SIL	2I		
									ARG	1I		
52.10	53.63	1.53	GRD	MG	Weak patchy argillic, phyllic, silicification, and overprinting moderate oxidation. Fine disseminate pyrite in phyllic patches. Rubble has oxides on all fracture faces.							
						MD	BN	PO	OXI	3I	Py	0.5
								PA	SIL	1I	Li	4
									PHC	1I		
									ARG	1I		
53.63	56.31	2.68	GRD	MG	Moderate pervasive phyllic with limited gouge in weak argillic patches. Trace oxide alteration on all fracture faces.							
						LT	GN	PO	OXI	1I	Py	0.5
						LT	GY		ARG	1I	Li	1
									PHC	3I		
56.31	58.86	2.55	GRD	MG	Weak pervasive argillic and oxidation throughout. Cut by brown calcite veinlest and coarse quartz-interstitial calcite with disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BN		ARG	2I		
						LT	GY		OXI	2I	Li	2
58.86	73.11	14.25	GRD	MG	Weak patchy potassic In relatively unaltered granodiorite.							
						MD	GY	PO	OXI	1I	Li	1
								PA	POT	1I		
73.11	79.95	6.84	GRD	MG	Granodiorite with overprinting alterations: argillic, potassic, phyllic, and propylitic. Crosscut by mineralized veinlets (vuggy-banded smoky quartz-calcite-ankerite veinlest hosting blebby-disseminated pyrite). Argillic is overprinted with potassic. Veinlet halos are phyllic inner halo, argillic outer halo. Patchy propylitic (chlorite green groundmass).							
						LT	GY	PO	ARG	2I	Py	1
						LT	GN	PA	POT	2I		
									PRO	1I		
									PHC	3I		
79.95	80.58	0.63	QFP	FG	Fine grained quartz feldspar porphyry. 30 degree TCA sharp top contact, sharp 30 TCA bottom contact. Both contacts have chilled margins.							
						LT	GY	CR	CLY	1I		
						LT	BN					
80.58	81.59	1.01	GRD	MG	Granodiorite next to quartz feldspar porphyry contact with moderate pervasive phyllic alteration, trace argillic, and trace silicification.							
						LT	GN	PO	PHC	3I		
									ARG	1I		
									SIL	1I		
81.59	93.87	12.28	GRD	MG	Relatively unaltered granodiorite, cut by quartz-chlorite veinlest (rare) with narrow phyllic halos. Patchy potassic and moderate patch propylitic are the dominant alterations.							
						MD	GY	PO	POT	2I		
									ARG	1I		
									PRO	3I		
93.87	98.64	4.77	GRD	MG	Granodiorite with pervasive moderate argillic-phyllic, and patchy potassic-propylitic alteration. Cut by 65 TCA calcite-chlorite veinlets with phyllic-propylitic halos. Patchy weak silicification.							
						LT	GN	PO	SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		PHC	3I		
									POT	1I		
									ARG	3I		
98.64	100.67	2.03	GRD	MG	Relatively unaltered granodiorite with patchy weak propylitic and patchy trace potassic.							
						MD	GY	PO	PRO	2I		
									POT	1I		
100.67	110.50	9.83	GRD	MG	Granodiorite with pervasive moderate argillic-phyllic and patchy potassic-propylitic. Cut by 65 TCA calcite-chlorite veinlets with phyllic-propylitic halos. Patchy weak silicification.							
						LT	GY	PO	PRO	2I		
						LT	GN		POT	1I		
110.50	113.88	3.38	QFP	FG	Grey QFP dyke with white-green phenocrysts. Crackled near contacts, with gouge. Sharp top contact at 60 TCA, sharp bottom contact at 30 TCA.							
						MD	GY	CR	CLY	2I		
113.88	124.55	10.67	GRD	MG	Granodiorite with patchy phyllic, propylitic, argillic, and silicification. Stronger phyllic around veinlets. Veinlets are white-smoky quartz-calcite with rare disseminated pyrite.							
						MD	GY	PO	SIL	1I		
						MD	GN	PA	PHC	2I		
									POT	1I		
									PRO	2I		
124.55	126.19	1.64	GRD	MG	Fault with moderate-strong argillic, weak-moderate propylitic, and trace potassic. Very rubbly-crumbled. Not much clay. Orientation undetermined because of high degree of crumbling.							
						MD	GY	RB	ARG	3I		
								PB	PRO	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
126.19	137.21	11.02	GRD	MG	Granodiroite following fault. Several overprinting alterations. Argillic and phyllic are patchy-pervasive and moderate-strong. Strong argillic is crumbled, often rubbly. Patchy weak potassic and weak clay alteration near gouge and rubble. Crosscut by quartz-calcite-ankerite veins with phyllic halos and argillic outer halos.							
						LT	GY	PA	PHC	3I		
						LT	GN	FR	ARG	3I		
								PO	POT	2I		
									CLY	1I		
137.21	138.31	1.10	VEN	MG	Massive white quartz vein that is the main BRX vein in this hole. Host is massive quartz, up to 50% of the vein content. Massive pyrite dominates, and an average of 55% vein content. Lesser sulphides include: finely bladed arsenopyrite, blebby honey brown-blackjack sphalerite, disseminated-blebby galena, and blebby-massive chalcopyrite. Interstitial ankerite is a minor component.							
						MD	BR				As	1
						DK	GY	MA	PHC	3I	Py	55
											Cp	3
											Gn	1
											Sp	3
138.31	139.38	1.07	GRD	MG	Moderate phyllic with crumbling near quartz feldspar porphyry dyke contact. Smoky quartz veining at 138.90-139.38m, with clay and some gouge.							
						LT	GY	CR	PHC	3I	Py	3
						LT	GN		CLY	3I		
139.38	140.37	0.99	QFP	MG	Light green quartz feldspar porphyry dyke with weak crackling. Clay and hydrothermal alteration throughout.							
						LT	GN	CR	CLY	2I	Py	2
									HYD	3I		
140.37	141.01	0.64	GRD	MG	Strongly calcite-quartz veined zone adjacent to quartz feldspar porphyry contact. Veins host blebby-disseminated pyrite, and phyllic halos host disseminated pyrite.							
						MD	GY	PO	PHC	3I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		CLY	1I		
141.01	168.21	27.20	GRD	MG	Granodiorite with patchy-pervasive phyllic, patchy argillic, patchy potassic, and patchy propylitic. Crosscut by calcite-quartz-ankerite veins with phyllic into argillic halos.							
						MD	GY	PA	POT	1I		
						LT	GN	PO	ARG	3I		
						LT	PK		PHC	3I		
						LT	GY		PRO	1I		
168.21	172.21	4.00	GRD	MG	Granodiorite with weak pervasive propylitic and potassic alteration. EOH							
						MD	GY	PO	PRO	2I		
						MD	GN	PA	POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	73.11	71.59	GRD	MG	Granodiorite with patchy moderate argillic and patchy weak potassic. Moderate-strong oxidation throughout, with limonite and goethite. Some oxidation has brighter brown/orange/black/yellow colours than usually seen in this area. Granodiorite is relatively unaltered, but features (veins, alteration, primary textures) are often masked by oxidation. Rare patches of silicification overprinting other alterations. Significant veining (wide quartz-calcite with mineralization) is strongly oxidation, leading to crumbling and extreme colour changes. Mafic xenoliths in granodiorite. Crosscut by quartz-calcite veinlets. There are strange hematite-rich textures at 28.96-29.25m.							
									POT	1I		
						MD	BN	RB	OXI	4I	Py	0.5
						MD	GY	PO	SIL	1I	Li	8
						MD	OR	FR	ARG	3I	Go	2
73.11	79.95	6.84	GRD	MG	Granodiorite with overprinting alterations: argillic, potassic, phyllic, and propylitic. Crosscut by mineralized veinlets (vuggy-banded smoky quartz-calcite-ankerite veinlest hosting blebby-disseminated pyrite). Argillic is overprinted with potassic. Veinlet halos are phyllic inner halo, argillic outer halo. Patchy propylitic (chlorite green groundmass).							
						LT	GN	PA	POT	2I		
									PHC	3I		
									PRO	1I		
						LT	GY	PO	ARG	2I	Py	1
79.95	80.58	0.63	QFP	FG	Fine grained quartz feldspar porphyry. 30 degree TCA sharp top contact, sharp 30 TCA bottom contact. Both contacts have chilled margins.							
						LT	BN					
						LT	GY	CR	CLY	1I		
80.58	93.87	13.29	GRD	MG	Relatively unaltered granodiorite, cut by quartz-chlorite veinlest (rare) with narrow phyllic halos. Patchy potassic and moderate patch propylitic are the dominant alterations.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	2I		
									PRO	3I		
									POT	1I		
						MD	GY	PO	SIL	1I		
93.87	110.50	16.63	GRD	MG	Granodiorite with pervasive moderate argillic/phyllic, and patchy potassic/propylitic. Cut by 65 TCA calcite-chlorite veinlets with phyllic-propylitic halos. Patch weak silicification.							
						LT	GN	PO	PHC	3I		
						LT	GY		ARG	3I		
									POT	1I		
									PRO	1I		
110.50	113.88	3.38	QFP	FG	Grey QFP dyke with white-green phenocrysts. Crackled near contacts, with gouge. Sharp top contact at 60 TCA, sharp bottom contact at 30 TCA.							
						MD	GY	CR	CLY	2I		
113.88	124.55	10.67	GRD	MG	Granodiorite with patchy phyllic, propylitic, argillic, and silicification. Stronger phyllic around veinlets. Veinlets are white-smoky quartz-calcite with rare disseminated pyrite.							
									POT	1I		
						MD	GN	PA	PHC	2I		
									PRO	2I		
						MD	GY	PO	SIL	1I		
124.55	126.19	1.64	GRD	MG	Fault with moderate-strong argillic, weak-moderate propylitic, and trace potassic. Very rubbly-crumbled. Not much clay. Orientation undetermined because of high degree of crumbling.							
								PB	PRO	2I		
									POT	1I		
						MD	GY	RB	ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
126.19	139.38	13.19	GRD	MG	Granodiroite following fault. Several overprinting alterations. Argillic and phyllic are patchy-pervasive and moderate-strong. Strong argillic is crumbled, often rubbly. Patchy weak potassic and weak clay alteration near gouge and rubble. Crosscut by quartz-calcite-ankerite veins with phyllic halos and argillic outer halos. Strong veining and gouge near contact with quartz feldspar porphyry dyke. This interval includes the BRX vein zone.							
									CLY	1I		
						LT	GN	PA	PHC	3I		
								PO	POT	2I		
						LT	GY	FR	ARG	3I	Py	1
139.38	140.37	0.99	QFP	MG	Light green quartz feldspar porphyry dyke with weak crackling. Clay and hydrothermal alteration throughout.							
									HYD	3I		
						LT	GN	CR	CLY	2I	Py	2
140.37	172.21	31.84	GRD	MG	Granodiorite with patchy-pervasive phyllic, patchy argillic, patchy potassic, and patchy propylitic. Crosscut by calcite-quartz-ankerite veins with phyllic into argillic halos. Upper interval near quartz feldspar porphyry dyke is veined and hosts disseminated-blebby pyrite. Occasional gouge in phyllic alteration. EOH							
						LT	GN	PO	ARG	3I		
						LT	GY		PRO	2I		
						LT	PK		PHC	3I		
						MD	GY	PA	POT	1I		

KL-14-141

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	Casing
1.52	4.57	3.05	2.9	95	0.40	13	--	2H	5W	
4.57	7.62	3.05	3.05	100	1.25	41	--	2H	5W	Extended casing 20ft. 1H-4H
7.62	10.67	3.05	3.05	100	2.06	68	--	4H	3W	
10.67	13.72	3.05	2.53	83	1.75	57	--	3H	4W	Mix of 1H-4H
13.72	16.76	3.04	2.79	92	0.92	30	--	3H	3W	
16.76	19.81	3.05	2.5	82	0.89	29	--	3H	3W	
19.81	22.86	3.05	3.05	100	1.74	57	--	3H	3W	Half 4H, Half 2H
22.86	25.91	3.05	2.62	86	2.00	66	--	4H	2W	Patch of 1H
25.91	28.96	3.05	3.02	99	2.08	68	--	4H	2W	
28.96	32.00	3.04	2.72	89	1.60	53	--	2H	3W	Brecciation. Alteration has weakened rock
32.00	35.05	3.05	2.99	98	0.68	22	--	1H	4W	
35.05	38.10	3.05	2.8	92	0.00	0	--	2H	4W	
38.10	41.15	3.05	2.88	94	2.50	82	--	3H	2W	
41.15	44.20	3.05	2.57	84	1.61	53	--	2H	2W	
44.20	47.24	3.04	2.6	86	1.85	61	--	4H	3W	
47.24	50.29	3.05	2.79	91	1.57	51	--	3H	3W	
50.29	53.34	3.05	2.6	85	1.46	48	--	2H	3W	
53.34	56.39	3.05	2.56	84	2.09	69	--	3H	2W	
56.39	59.44	3.05	2.84	93	1.71	56	--	3H	2W	
59.44	62.48	3.04	2.87	94	2.02	66	--	4H	3W	
62.48	65.53	3.05	2.77	91	1.83	60	--	4H	1W	
65.53	68.58	3.05	2.92	96	2.23	73	--	4H	1W	
68.58	71.62	3.04	2.83	93	1.74	57	--	4H	1W	
71.62	74.67	3.05	2.47	81	1.29	42	--	3H	1W	
74.67	77.72	3.05	2.92	96	1.84	60	--	3H	1W	
77.72	80.77	3.05	2.96	97	2.31	76	--	3H	1W	
80.77	83.81	3.04	2.86	94	2.10	69	--	4H	1W	
83.81	86.86	3.05	2.93	96	2.30	75	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.86	89.91	3.05	2.85	93	2.25	74	--	4H	1W	
89.91	92.96	3.05	2.79	91	1.95	64	--	4H	1W	
92.96	96.01	3.05	2.8	92	1.25	41	--	4H	1W	
96.01	99.06	3.05	2.97	97	2.16	71	--	4H	1W	
99.06	102.11	3.05	2.97	97	2.16	71	--	4H	1W	
102.11	105.16	3.05	2.87	94	2.36	77	--	4H	1W	
105.16	108.20	3.04	2.88	95	2.35	77	--	4H	1W	
108.20	111.25	3.05	2.86	94	1.96	64	--	3H	1W	
111.25	114.30	3.05	2.91	95	0.85	28	--	3H	1W	
114.30	117.34	3.04	3.04	100	2.06	68	--	4H	1W	
117.34	120.39	3.05	2.89	95	1.50	49	--	4H	1W	
120.39	123.44	3.05	2.83	93	2.03	67	--	4H	1W	
123.44	126.49	3.05	2.85	93	0.46	15	--	1H	1W	
126.49	129.54	3.05	2.75	90	0.99	32	--	2H	1W	
129.54	132.59	3.05	2.92	96	1.52	50	--	2H	1W	
132.59	135.64	3.05	2.78	91	1.07	35	--	3H	1W	
135.64	138.69	3.05	2.9	95	1.20	39	--	3H	1W	
138.69	141.73	3.04	2.85	94	1.69	56	--	2H	1W	
141.73	144.78	3.05	2.93	96	1.92	63	--	4H	1W	
144.78	147.83	3.05	2.95	97	1.28	42	--	3H	1W	
147.83	150.88	3.05	2.83	93	0.97	32	--	3H	1W	
150.88	153.92	3.04	3	99	1.54	51	--	3H	1W	
153.92	156.97	3.05	2.97	97	1.73	57	--	2H	1W	
156.97	160.02	3.05	2.86	94	1.86	61	--	3H	1W	
160.02	163.07	3.05	2.94	96	1.87	61	--	3H	1W	
163.07	166.12	3.05	2.65	87	1.68	55	--	3H	1W	
166.12	169.16	3.04	2.98	98	1.76	58	--	2H	1W	
169.16	172.21	3.05	2.93	96	2.33	76	--	3H	1W	EOH

KL-14-141

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	5.2	GRD	
3	0.416	GRD	
4	14.8	GRD	
5	8.27	GRD	
6	15.4	GRD	
7	0.97	GRD	
8	14.8	GRD	
9	12.5	GRD	
10	15.8	GRD	
11	0.208	GRD	
12	0.126	GRD	
13	1.92	GRD	
14	8.29	GRD	
15	1.51	GRD	
16	2.8	GRD	
17	0.446	GRD	
18	2.58	GRD	
19	11.2	GRD	
20	2.82	GRD	
21	14.1	GRD	
22	9.75	GRD	
23	13.1	GRD	
24	15.9	GRD	
25	12.7	GRD	
26	10.3	GRD	
27	13	GRD	
28	11.7	GRD	
29	0.321	GRD	
30	0.902	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	0.226	GRD	
32	1.32	GRD	
33	6.07	GRD	
34	6.88	GRD	
35	9.41	GRD	
36	7.97	GRD	
37	7.16	GRD	
38	4.25	GRD	
39	0.254	GRD	
40	0.716	GRD	
41	0.32	GRD	
42	1.53	GRD	
43	0.562	GRD	
44	0.202	GRD	
45	6.83	GRD	
46	6.68	GRD	
47	5.74	GRD	
48	0.276	GRD	
49	0.233	GRD	
50	0.231	GRD	
51	0.512	GRD	
52	0.602	GRD	
53	0.421	GRD	
54	0.281	GRD	
55	0.276	GRD	
56	0.305	GRD	
57	0.289	GRD	
58	0.261	GRD	
59	0.322	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	16.5	GRD	
61	12.5	GRD	
62	2.53	GRD	
63	14	GRD	
64	17.6	GRD	
65	0.398	GRD	
66	10.6	GRD	
67	7.16	GRD	
68	9.26	GRD	
69	21.4	GRD	
70	4.55	GRD	
71	11.2	GRD	
72	2.68	GRD	
73	9.62	GRD	
74	0.191	GRD	
75	0.445	GRD	
76	1.18	GRD	
77	0.194	GRD	
78	0.593	GRD	
79	0.218	GRD	
80	0.32	QFP	
81	0.112	GRD	
82	6.23	GRD	
83	10	GRD	
84	10.2	GRD	
85	22.9	GRD	
86	0.807	GRD	
87	10.8	GRD	
88	10.9	GRD	
89	4.96	GRD	
90	13.5	GRD	
91	6.96	GRD	
92	7.35	GRD	
93	8.14	GRD	
94	0.853	GRD	
95	0.227	GRD	
96	0.281	GRD	
97	0.574	GRD	
98	1.48	GRD	
99	0.478	GRD	
100	1.7	GRD	
101	0.138	GRD	
102	0.131	GRD	
103	0.145	GRD	
104	0.238	GRD	
105	0.474	GRD	
106	0.241	GRD	
107	0.637	GRD	
108	0.525	GRD	
109	0.448	GRD	
110	0.225	GRD	
111	0.162	QFP	
112	0.011	QFP	
113	0.369	QFP	
114	0.255	GRD	
115	0.283	GRD	
116	0.564	GRD	
117	0.343	GRD	
118	0.296	GRD	
119	1.16	GRD	
120	3.79	GRD	
121	0.469	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	0.178	GRD	
123	0.412	GRD	
124	0	GRD	
125	0	GRD	
126	0	GRD	
127	16.8	GRD	
128	0.329	GRD	
129	0.398	GRD	
130	0.6	GRD	
131	0.336	GRD	
132	1.37	GRD	
133	0.491	GRD	
134	0.313	GRD	
135	0.776	GRD	
136	0.495	GRD	
137	0.399	GRD	
138	1.8	GRD	
139	0.303	GRD	
140	0.262	QFP	
141	0.608	GRD	
142	0.19	GRD	
143	0.36	GRD	
144	1.6	GRD	
145	0.253	GRD	
146	0.107	GRD	
147	0.35	GRD	
148	0.996	GRD	
149	0.599	GRD	
150	0.273	GRD	
151	0.497	GRD	
152	2.32	GRD	
153	1.24	GRD	
154	0.432	GRD	
155	0.795	GRD	
156	0.223	GRD	
157	0.356	GRD	
158	0.399	GRD	
159	0.202	GRD	
160	0.282	GRD	
161	4.55	GRD	
162	0.47	GRD	
163	0.472	GRD	
164	0.218	GRD	
165	0.222	GRD	
166	1.74	GRD	
167	0.49	GRD	
168	0.549	GRD	
169	0.742	GRD	
170	2.42	GRD	
171	6.07	GRD	
172	0.408	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381635	6890133	1286.17	176.53

ZONE: Western BRX

SECTION:

HOLE: KL-14-142

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jun 12 - Jun 14, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.84	29.6	-49.6	Reflex
176.53	32.4	-46.6	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.37	3.37	CAS
3.37	91.65	88.28	GRD
91.65	155	63.35	GRD
155	158.37	3.37	GRD
158.37	160.88	2.51	QFP
160.88	176.53	15.65	GRD

SAMPLES	
Numbers:	Q016516 to Q016598, Q016728 to Q016736
Total:	98
Batch:	008, 011, 012, 013
Certificates:	WH14093784, WH14093787, WH14093788, WH14093789

COMMENTS
Survey was 10' off - changed in database

Box Log

KL-14-142

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.37	7.19
2	7.19	11.22
3	11.22	15.3
4	15.3	19.71
5	19.71	23.37
6	23.37	27.25
7	27.25	32.02
8	32.02	36.55
9	36.55	40.69
10	40.69	44.38
11	44.38	47.91
12	47.91	51.55
13	51.55	55.39
14	55.39	59.26
15	59.26	62.93
16	62.93	66.51
17	66.51	70.4
18	70.4	74.73
19	74.73	78.6
20	78.6	82.38
21	82.38	86.53
22	86.53	90.53
23	90.53	94.2
24	94.2	98.22
25	98.22	102.28
26	102.28	106.08
27	106.08	110.26
28	110.26	114.62
29	114.62	118.73
30	118.73	123.02
31	123.02	127.1
32	127.1	131.24
33	131.24	135.35
34	135.35	139.44
35	139.44	143.47
36	143.47	147.41
37	147.41	151.36
38	151.36	155.34
39	155.34	159.29
40	159.29	163.03
41	163.03	167.3
42	167.3	171.21
43	171.21	174.81
44	174.81	176.53

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-142									
	20.71	14.6	HQ	GRD	1266.8	797.7	2.97	2.7	Unaltered granodiorite.
	64.59	15.5	HQ	GRD	1327.1	845.2	2.93	2.8	Silicified quartz/carbonate breccia hosting disseminated pyrite.
	90.98	12.1	HQ	GRD	1141.6	754.5	3.23	3.0	Mineralized carbonate breccia, strongly silicified. Contains disseminated to blebby pyrite, arsenopyrite and sphalerite.
	156.95	15	HQ	GRD	1321	852.6	3.01	2.8	Moderately phyllic altered and silicified granodiorite hosting disseminated pyrite, arsenopyrite and galena. Cut by a 30 degree (TCA) 1mm smokey quartz veinlet.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.37	16.25	12.88	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							
						MD	OR		OXI	3I		
						MD	GY		ARG	3I		
									OXI	4I		
16.25	18.25	2.00	GRD	MG	Weak to moderately argillic altered granodiorite that is heavily oxidized. Oxidation obscures rock texture. Interval is partially gouge altered.							
						MD	GY		ARG	2I		
						MD	OR		ARG	3I		
18.25	24.15	5.90	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							
						MD	GY		ARG	3I		
						MD	OR		OXI	3I		
									OXI	4I		
24.15	25.95	1.80	GRD	MG	Weak to moderately argillic altered granodiorite that is heavily oxidized. Oxidation obscures rock texture. Interval is partially gouge altered.							
						MD	GY		OXI	4I		
						MD	OR		ARG	2I		
									ARG	3I		
25.95	30.30	4.35	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		ARG	3I		
						MD	OR		OXI	3I		
									OXI	4I		
30.30	35.62	5.32	GRD	MG	Moderately argillic altered granodiorite with a weak propyllitic overprint. Hematite staining along some fractures. Interval is heavily broken up and rubbly.							
						MD	OR		POT	2I		
						LT	WH		OXI	3I	He	1
						DK	GN		ARG	3I		
35.62	61.30	25.68	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							
						MD	OR		OXI	3I		
						MD	GY		ARG	3I		
									OXI	4I		
61.30	66.30	5.00	GRD	MG	Oxidized moderate phyllic envelope around a large silicified breccia. Phyllic alteration transitions to oxidized argillic alteration with a weak potassic overprint.							
						MD	OR		ARG	3I		
						LT	GN		OXI	3I		
						LT	WH		PHC	2I		
									POT	2I		
66.30	69.19	2.89	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							
						MD	GY		ARG	3I		
						MD	OR		OXI	3I		
									OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
69.19	70.72	1.53	GRD	MG	Moderate argillic altered granodiorite with a weak potassic overprint.							
						LT	WH		ARG	3I		
						LT	PK		POT	2I		
70.72	76.72	6.00	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							
						MD	GY		ARG	3I		
						MD	OR		OXI	3I		
									OXI	4I		
76.72	82.19	5.47	GRD	MG	Moderate phyllic envelope around a gouge/sulphide zone. Phyllic alteration transitions into moderate phyllic alteration with a weak potassic and propyllitic overprint. Weak oxidation along fractures.							
						MD	PK					
						LT	GY		PHC	3I		
						LT	GN		POT	2I		
						LT	WH		PRO	2I		
						DK	GN		OXI	2I		
82.19	83.53	1.34	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							
						MD	GY		ARG	3I		
						MD	OR		OXI	3I		
									OXI	4I		
83.53	85.14	1.61	GRD	MG	Moderate to strong phyllic envelope around a quartz/carbonate/sulphide vein. Strong phyllic alteration host disseminated pyrite. Phyllic alteration is moderately silicified. Phyllic alteration transitions into weakly propyllitic overprinted argillic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
						LT	GN		SIL	3I	Py	1
						DK	GN		PHC	4I		
									PRO	2I		
									ARG	3I		
85.14	86.55	1.41	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							
						MD	GY		ARG	3I		
						MD	OR		OXI	3I		
									OXI	4I		
86.55	88.69	2.14	GRD	MG	Moderate phyllic envelope surrounding a quartz/carbonate/sulphide vein. Phyllic alterations into weak potassic/propyllitic overprinted moderate argillic alteration distally from vein.							
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
									POT	2I		
									PRO	2I		
88.69	90.75	2.06	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							
						MD	GY		ARG	3I		
						MD	OR		OXI	3I		
									OXI	4I		
90.75	91.65	0.90	GRD	MG	Moderate to strong phyllic envelope around a smokey quartz/carbonate/sulphide breccia. Phyllic intensity decreases distally from the vein and transitions into weak potassic and propyllitic overprinted moderate argillic altered granodiorite. Strong phyllic alteration is silicified and host disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I	Py	1
						DK	GN		PHC	4I		
									PRO	2I		
91.65	93.47	1.82	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	GN		PRO	2I		
						MD	PK					
						DK	GN		POT	1I		
93.47	96.39	2.92	GRD	MG	Moderately argillic altered granodiorite with a weak potassic/propyllitic overprint. Interval is very rubbly.							
						MD	PK		PRO	2I		
						LT	WH		ARG	3I		
						DK	GN		POT	2I		
96.39	102.04	5.65	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	PK					
						MD	GN		PRO	2I		
						DK	GN		POT	1I		
102.04	103.90	1.86	GRD	MG	First ~60cm od interval are weak potassic and propyllitic overprinted. Moderate argillic alteration that transitions into moderate phyllic alteration that has partially been gouge altered.							
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
103.90	109.35	5.45	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	GN		PRO	2I		
						MD	PK					
						DK	GN		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
109.35	110.26	0.91	GRD	MG	Moderate to strongly phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration is strong and silicified around vein with phyllic intensity decreasing distally from vein and transitioning to weak potassic/propyllitic overprinted argillic alteration. Strong phyllic alteration hosts disseminated pyrite.							
						MD	PK		ARG	3I		
						LT	GN		SIL	4I		
						LT	WH		PHC	3I		
						DK	GN		POT	3I		
									PRO	3I		
110.26	117.81	7.55	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	GN		PRO	2I		
						MD	PK					
						DK	GN		POT	1I		
117.81	120.38	2.57	GRD	MG	Primarily weak propyllitic/potassic alteration with small sporadic moderate phyllic envelope around minor quartz/carbonate veins.							
						MD	PK		PRO	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		POT	2I		
120.38	121.05	0.67	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	PK					
						MD	GN		PRO	2I		
						DK	GN		POT	1I		
121.05	122.95	1.90	GRD	MG	Moderate phyllic envelope around two quartz/carbonate vein. Phyllic transitions to moderately argillic alteration with a potassic and propyllitic overprint.							
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	2I		
122.95	131.70	8.75	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	GN		PRO	2I		
						MD	PK					
						DK	GN		POT	1I		
131.70	135.85	4.15	GRD	MG	Moderate phyllic envelope surrounding a quartz/carbonate vein. Phyllic transitions to moderate argillic alteration with a weak propyllitic overprint distally from the vein.							
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
135.85	142.17	6.32	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	GN		PRO	2I		
						MD	PK					
						DK	GN		POT	1I		
142.17	145.53	3.36	GRD	MG	Moderately phyllic envelope surrounding a quartz sulphide vein. Phyllic alteration transitions to propyllitic and potassic overprinted moderate argillic alteration distally from vein.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
145.53	150.05	4.52	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	PK					
						MD	GN		PRO	2I		
						DK	GN		POT	1I		
150.05	151.20	1.15	GRD	MG	Small phyllic envelope surrounding a quartz/carbonate vein. Phyllic alteration transitions to moderate argillic alteration with a weak potassic/propyllitic overprint distally from vein.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
									POT	2I		
151.20	155.00	3.80	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	PK					
						MD	GN		PRO	2I		
						DK	GN		POT	1I		
155.00	158.37	3.37	GRD	MG	Upper alteration halo above quartz feldspar porphyry dyke. Strong phyllic/silica envelope surrounding a massive sulphide/quartz vein. Phyllic alteration host disseminated pyrite. Phyllic alteration transition top propyllitic/potassic overprinted moderate argillic alteration distally from vein/ argillic alteration hosts a few quartz/sulphide veinlets with phyllic envelopes.							
						MD	PK		SIL	4I		
						LT	GN		PHC	3I	Py	1
						LT	WH		PHC	4I		
									PRO	2I		
									ARG	3I		
									POT	2I		
158.37	160.88	2.51	QFP	FG	Grey quartz feldspar porphyry dyke. 56cm in the middle of the dyke is red/purple dyke that hosts elongate blebs of white carbonate.							
						MD	RD					
						MD	PU					
						LT	GY					
160.88	176.53	15.65	GRD	MG	Moderately phyllic alteration at lower dyke contact. Phyllic alteration transition into alternating patches of moderate argillic alteration with a weak potassic/propyllitic overprint and a weak to moderate propyllitic altered granodiorite with a weak potassic overprint. Occasional phyllic envelope around a quartz/carbonate/sulphide vein. EOH							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	2I		
						MD	PK		ARG	3I		
						LT	GN		PHC	3I		
						LT	WH		PRO	2I		
						DK	GN		PRO	3I		

KL-14-142

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.37	91.65	88.28	GRD	MG	Unaltered granodiorite with sporatic patches of moderate argillic alteration. Top 10m of the hole are moderate to strongly oxidized. The rest of the interval has moderately oxidized along fracture surfaces. Argillic patches are more pervasively oxidized.							
						MD	OR		OXI	3I		
						MD	GY		ARG	3I		
									OXI	4I		
91.65	155.00	63.35	GRD	MG	Trace to moderately propyllitic and weakly potassic altered granodiorite.							
						MD	PK					
						DK	GN		POT	1I		
						MD	GN		PRO	2I		
155.00	158.37	3.37	GRD	MG	Upper alteration halo above quartz feldspar porphyry dyke. Strong phyllic/silica envelope surrounding a massive sulphide/quartz vein. Phyllic alteration host disseminated pyrite. Phyllic alteration transition top propyllitic/potassic overprinted moderate argillic alteration distally from vein/ argillic alteration hosts a few quartz/sulphide veinlets with phyllic envelopes.							
									POT	2I		
						LT	WH		PHC	4I		
						LT	GN		PHC	3I	Py	1
						MD	PK		SIL	4I		
									ARG	3I		
									PRO	2I		
158.37	160.88	2.51	QFP	MG	Grey quartz feldspar porphyry dyke. 56cm in the middle of the dyke is red/purple dyke that hosts elongate blebs of white carbonate.							
						LT	GY					
						MD	PU					
						MD	RD					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
160.88	176.53	15.65	GRD	MG	Moderately phyllic alteration at lower dyke contact. Phyllic alteration transition into alternating patches of moderate argillic alteration with a weak potassic/propyllitic overprint and a weak to moderate propyllitic altered granodiorite with a weak potassic overprint. Occasional phyllic envelope around a quartz/carbonate/sulphide vein. EOH							
						MD	GY		POT	2I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
						MD	PK		ARG	3I		
						LT	WH		PRO	2I		

KL-14-142

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.37	3.37	0	0	0.00	0	--	--	--	
3.37	5.18	1.81	1.62	90	0.27	15	--	3H	2W	
5.18	8.23	3.05	3.05	100	0.97	32	--	3H	3W	
8.23	11.28	3.05	2.9	95	1.30	43	--	4H	1W	
11.28	14.33	3.05	3.05	100	2.60	85	--	4H	3W	
14.33	17.37	3.04	3.04	100	2.20	72	--	3H	2W	
17.37	20.42	3.05	2.5	82	0.92	30	--	3H	1W	
20.42	23.47	3.05	3.05	100	1.78	58	--	4H	2W	
23.47	26.52	3.05	2.84	93	1.05	34	--	2H	3W	
26.52	29.57	3.05	2.85	93	1.02	33	--	4H	2W	
29.57	32.61	3.04	1.8	59	0.22	7	--	3H	3W	
32.61	35.66	3.05	2.12	70	0.51	17	--	2H	4W	
35.66	38.71	3.05	2.85	93	2.24	73	--	4H	2W	
38.71	41.76	3.05	3.02	99	2.29	75	--	4H	2W	
41.76	44.81	3.05	3.05	100	1.98	65	--	4H	2W	
44.81	47.85	3.04	3.04	100	0.86	28	--	3H	3W	
47.85	50.90	3.05	2.91	95	1.13	37	--	4H	2W	
50.90	53.95	3.05	2.85	93	1.82	60	--	4H	2W	
53.95	57.00	3.05	3.05	100	1.14	37	--	4H	2W	
57.00	60.05	3.05	3.05	100	1.55	51	--	3H	3W	
60.05	63.09	3.04	3	99	0.85	28	--	2H	2W	
63.09	66.14	3.05	2.85	93	1.60	52	--	5H	3W	
66.14	69.19	3.05	2.86	94	1.39	46	--	3H	2W	
69.19	72.24	3.05	2.85	93	1.90	62	--	3H	1W	
72.24	75.29	3.05	3.05	100	1.64	54	--	3H	1W	
75.29	78.33	3.04	3.04	100	1.77	58	--	3H	2W	
78.33	81.38	3.05	3.05	100	1.80	59	--	4H	2W	
81.38	84.42	3.04	3	99	2.44	80	--	4H	1W	
84.42	87.47	3.05	3.04	100	2.09	69	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.47	90.52	3.05	2.95	97	1.80	59	--	4H	1W	
90.52	93.57	3.05	3.03	99	2.32	76	--	3H	1W	
93.57	96.62	3.05	2.79	91	1.35	44	--	2H	3W	
96.62	99.67	3.05	3.05	100	2.47	81	--	4H	1W	
99.67	102.72	3.05	2.88	94	1.69	55	--	3H	2W	
102.72	105.77	3.05	3.05	100	2.00	66	--	4H	2W	
105.77	108.81	3.04	3.04	100	2.10	69	--	4H	2W	
108.81	111.86	3.05	3.05	100	2.76	90	--	4H	2W	
111.86	114.91	3.05	3.05	100	2.86	94	--	4H	2W	
114.91	117.96	3.05	3.05	100	2.46	81	--	4H	1W	
117.96	121.01	3.05	3.05	100	2.84	93	--	3H	2W	
121.01	124.05	3.04	3.04	100	2.70	89	--	4H	2W	
124.05	127.10	3.05	3.05	100	2.19	72	--	3H	1W	
127.10	130.15	3.05	3.05	100	2.33	76	--	4H	1W	
130.15	133.20	3.05	3.02	99	2.48	81	--	4H	1W	
133.20	136.24	3.04	3.04	100	2.50	82	--	3H	1W	
136.24	139.29	3.05	3.03	99	2.96	97	--	4H	1W	
139.29	142.34	3.05	3.05	100	2.75	90	--	4H	1W	
142.34	145.39	3.05	3.05	100	2.38	78	--	3H	1W	
145.39	148.44	3.05	2.92	96	2.81	92	--	4H	1W	
148.44	151.49	3.05	3.05	100	2.67	88	--	4H	1W	
151.49	154.53	3.04	3.04	100	2.30	76	--	4H	1W	
154.53	157.58	3.05	3.02	99	2.78	91	--	4H	1W	
157.58	160.63	3.05	3.05	100	2.09	69	--	3H	1W	
160.63	163.68	3.05	3	98	2.46	81	--	3H	1W	
163.68	166.73	3.05	2.85	93	2.63	86	--	4H	1W	
166.73	169.77	3.04	3.04	100	2.72	89	--	3H	1W	
169.77	172.82	3.05	3.05	100	2.38	78	--	3H	1W	
172.82	175.87	3.05	3.05	100	1.93	63	--	3H	1W	
175.87	176.53	0.66	0.66	100	0.57	86	--	3H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	10.7	GRD	
5	0.232	GRD	
6	0.334	GRD	
7	13.5	GRD	
8	0.913	GRD	
9	0.506	GRD	
10	7.87	GRD	
11	14	GRD	
12	12.8	GRD	
13	15.8	GRD	
14	14.9	GRD	
15	12.8	GRD	
16	15.1	GRD	
17	0.271	GRD	
18	11.9	GRD	
19	1.07	GRD	
20	15.5	GRD	
21	14.3	GRD	
22	13.7	GRD	
23	13.3	GRD	
24	8.81	GRD	
25	1.47	GRD	
26	13.8	GRD	
27	13.3	GRD	
28	14.6	GRD	
29	12.5	GRD	
30	12.2	GRD	
31	2.25	GRD	
32	1.43	GRD	
33	3.92	GRD	
34	1.12	GRD	
35	0.446	GRD	
36	14.6	GRD	
40	6.74	GRD	
41	12.3	GRD	
42	16.1	GRD	
43	13.1	GRD	
44	15.5	GRD	
45	8.27	GRD	
46	3.41	GRD	
47	15.1	GRD	
48	12.8	GRD	
49	9.42	GRD	
50	14.2	GRD	
51	13.1	GRD	
52	19.8	GRD	
53	14.9	GRD	
54	14.1	GRD	
55	15.1	GRD	
56	14.1	GRD	
57	7.44	GRD	
58	16.6	GRD	
59	3.71	GRD	
60	5.97	GRD	
61	4.04	GRD	
62	4.84	GRD	
63	0.319	GRD	
64	0.465	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
65	0.157	GRD	
66	0.828	GRD	
67	11	GRD	
68	16.2	GRD	
69	10.2	GRD	
70	0.427	GRD	
71	1.58	GRD	
72	17.2	GRD	
73	0.665	GRD	
74	11	GRD	
75	17.5	GRD	
76	6.06	GRD	
77	0.395	GRD	
78	8.79	GRD	
79	0.315	GRD	
80	0.418	GRD	
81	0.266	GRD	
82	0.68	GRD	
83	5.1	GRD	
84	0.323	GRD	
85	0.508	GRD	
86	1.3	GRD	
87	0.386	GRD	
88	0.485	GRD	
89	7.27	GRD	
90	13.3	GRD	
91	0.554	GRD	
92	0.82	GRD	
93	16.5	GRD	
94	10.1	GRD	
95	0.539	GRD	
96	11.5	GRD	
97	11.9	GRD	
98	13.3	GRD	
99	0.893	GRD	
100	16.7	GRD	
101	15.8	GRD	
102	10.4	GRD	
103	0.293	GRD	
104	12.6	GRD	
105	15.5	GRD	
106	15.7	GRD	
107	15.4	GRD	
108	14.1	GRD	
109	15	GRD	
110	0.541	GRD	
111	17.3	GRD	
112	14	GRD	
113	17.3	GRD	
114	5.68	GRD	
115	12.8	GRD	
116	17.8	GRD	
117	1.61	GRD	
118	0.414	GRD	
119	0.639	GRD	
120	6.5	GRD	
121	6.5	GRD	
122	0.357	GRD	
123	8.94	GRD	
124	11.6	GRD	
125	1.26	GRD	
126	0.609	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
127	15.9	GRD	
128	16.7	GRD	
129	17.3	GRD	
130	13.9	GRD	
131	16.9	GRD	
132	12.3	GRD	
133	12	GRD	
134	10	GRD	
135	12.1	GRD	
136	13.3	GRD	
137	17.9	GRD	
138	16.3	GRD	
139	18.5	GRD	
140	15.1	GRD	
141	15.8	GRD	
142	15.6	GRD	
143	0.431	GRD	
144	0.398	GRD	
145	0.457	GRD	
146	15.2	GRD	
147	11.2	GRD	
148	17.3	GRD	
149	4.7	GRD	
150	7.29	GRD	
151	0.771	GRD	
152	0.434	GRD	
153	15	GRD	
154	12.8	GRD	
155	10.6	GRD	
155	10.6	GRD	
156	1.87	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
157	0.304	GRD	
158	0.136	GRD	
159	0.339	QFP	
160	0.41	QFP	
161	0.343	GRD	
162	0.561	GRD	
163	1.22	GRD	
164	1.08	GRD	
165	0.869	GRD	
166	0.45	GRD	
167	0.282	GRD	
168	0.714	GRD	
169	0.37	GRD	
170	0.373	GRD	
171	1.54	GRD	
172	0.227	GRD	
173	0.309	GRD	
174	0.331	GRD	
175	0.477	GRD	
176	1.6	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381822	6890032	1314.23	153.92

ZONE: Western BRX

SECTION:

HOLE: KL-14-143

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 9.44m, Out

Drilling Dates: Jun 12 - Jun 13, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
1.52	3.39	-49.1	Reflex
153.92	37.3	-49	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.71	2.71	CAS
2.71	18.81	16.1	GRD
18.81	48.9	30.09	GRD
48.9	58.8	9.9	GRD
58.8	67.83	9.03	GRD
67.83	74.58	6.75	GRD
74.58	75.34	0.76	QFP
75.34	95.46	20.12	GRD
95.46	98.66	3.2	QFP
98.66	120.2	21.54	GRD
120.2	123.38	3.18	QFP
123.38	125.05	1.67	GRD
125.05	131.66	6.61	GRD
131.66	153.92	22.26	GRD

SAMPLES	
Numbers:	Q016251 to Q016289, Q016727
Total:	48
Batch:	009, 010, 013
Certificates:	WH14093785, WH14093786, WH14093787

COMMENTS

Box Log

KL-14-143

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.71	6.6
2	6.6	12.02
3	12.02	17.3
4	17.3	22.71
5	22.71	27.88
6	27.88	33.1
7	33.1	38.44
8	38.44	43.65
9	43.65	48.67
10	48.67	53.94
11	53.94	59.44
12	59.44	64.87
13	64.87	70.25
14	70.25	75.47
15	75.47	80.59
16	80.59	85.59
17	85.59	90.25
18	90.25	95.48
19	95.48	99.93
20	99.93	105.16
21	105.16	110.46
22	110.46	115.97
23	115.97	121.54
24	121.54	126.81
25	126.81	132.07
26	132.07	136.61
27	136.61	141.73
28	141.73	147.19
29	147.19	152.87
30	152.87	153.92

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-143									
	10.3	15	NQ2	GRD	765.6	469.8	2.4	2.6	Weak argillic altered granodiorite with weak patch of phyllic overprinting, moderately silicified and moderately oxidation cut at 30 degrees by 0.8 Calcite veinlet
	26.22	15	NQ2	GRD	792.9	499.6	2.49	2.7	Weak argillic altered granodiorite with trace pottassic and weak propalytic alteration. Core is weakly silicified
	83.38	15.7	NQ2	GRD	782.9	477.5	2.35	2.6	Weak argillic altered granodiorite with strong pottassic overprint and weak phyllic and propalytic alteration radiating from a 60 degree carbonate veinlet. Ankerite disseminated throughout
	97.9	9.6	NQ2	QFP	494	301	2.42	2.6	Weakly phyllic altered Quartz feldspar dyke with corase quartz grains
	124.09	13.9	NQ2	GRD	923.7	651	3.13	3.4	Strongly silicified granodiorite with semi-massive and blebby pyrite, blebby ankerite, discontinuous veinlets of calcite, blebby honey brown and blackjack sphalerite, blebby chalcopyrite and semi-massive arsenopyrite

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.71	18.81	16.10	GRD	MG	Patchy moderate argillic with pervasive moderate oxidation and weak patchy silicification, propylitic, and phyllic. Extensive oxidation on fracture faces. Gouge in some stronger argillic. Earthy recovery between 2.71-6.25m. Crosscut by massive calcite veinlets and banded quartz-calcite veins with disseminated pyrite.							
						MD	GY		PRO	1I		
						LT	BN	PO	ARG	3I	Li	10
									PHC	1I		
									OXI	3I		
									SIL	1I		
18.81	37.19	18.38	GRD	MG	Weakly altered granodiorite with weak patchy propylitic/potassic/silicification, and weak oxidation mainly near fractures. Weak phyllic in vein halos.							
						MD	GY	PO	OXI	2I		
						LT	GN	PA	SIL	1I		
									PRO	2I		
									POT	2I		
									PHC	1I		
37.19	40.02	2.83	GRD	MG	Granodiorite with pervasive weak propylitic, vein-associated oxides, phyllic, and argillic alterations. Crosscut by white-smoky quartz with disseminated pyrite. 39.11-40.02m is a series of banded quartz veins with gouge and a mineralized white quartz vein within.							
						MD	BN		SIL	1I		
						LT	GN	PO	OXI	2I	Py	1
									PHC	2I		
									ARG	1I		
									PRO	2I		
40.02	48.90	8.88	GRD	MG	Weakly altered granodiorite with weak patchy propylitic/potassic/silicification, and weak oxidation mainly near fractures. Weak phyllic in vein halos.							
						MD	GY	PO	OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	SIL	1I		
									PRO	2I		
									POT	2I		
									PHC	1I		
48.90	58.80	9.90	GRD	MG	Granodiorite with weak-moderate patchy argillic overprinted by weak patchy potassic, and weak vein-associated phyllic. Trace oxidation on fracture faces. Crosscut by white-smoky quartz-carbonate veins.							
						LT	PK	PO	OXI	1I		
						LT	WH	PA	ARG	3I		
						LT	GN		POT	2I		
									PHC	2I		
58.80	67.83	9.03	GRD	MG	Weakly altered granodiorite with weak patchy propylitic, potassic, silicification, and weak oxidation mainly near fractures. Weak phyllic in vein halos.							
						MD	GY	PO	PRO	2I		
						MD	GN	PA	POT	2I		
									SIL	1I		
									OXI	1I		
67.83	74.58	6.75	GRD	MG	Patchy argillic with potassic overprint, vein halos are phyllic to argillic, and weak patchy silicification. Crosscut by rare aplite dyklets and weakly banded calcite-ankerite veins with blebby-disseminated pyrite.							
						LT	PK	PO	SIL	1I		
						LT	WH	PA	ARG	2I		
						LT	GN		POT	2I		
									PRO	2I		
74.58	75.34	0.76	QFP	FG	Sharp 70 TCA top contact, sharp 80 TCA bottom contact. Strongly hydrothermally altered quartz feldspar porphyry with light green tone.							
						LT	GN		SIL	1I		
									HYD	4I		
75.34	79.35	4.01	GRD	MG	Moderately veined zone near quartz feldspar porphyry contact. Veining is banded white-smoky quartz-calcite veins hosting blebby pyrite with phyllic halos. Pervasive argillic with patchy potassic, propylitic, and weak fracture-associated clay alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	POT	2I		
						LT	PK	PO	SIL	1I	Py	1
									CLY	1I		
									PRO	2I		
									ARG	3I		
									PHC	2I		
79.35	80.77	1.42	GRD	MG	Light grey-green rubbly gouge zone with phyllic, argillic, and clay alteration.							
						LT	GY	RB	CLY	2I		
						LT	GN	CR	PHC	2I		
									ARG	2I		
80.77	95.46	14.69	GRD	MG	Patchy-pervasive argillic with patchy moderate potassic overprint. Weaker patchy propylitic and vein-associated phyllic. Frequent clay altered gouge zones cut by smoky quartz-calcite-ankerite veins near quartz feldspar porphyry contact.							
						MD	GY	PO	SIL	1I		
						MD	GN		ARG	3I		
						LT	PK	PA	CLY	2I		
									PHC	2I		
									POT	3I		
									POT	2I		
95.46	98.66	3.20	QFP	MG	Sharp chilled top contact at 60 TCA. Sharp, clay-gouged bottom contact at 70 TCA. Moderate-pervasive hydrothermal alteration. Weak clay alteration in gouge and on fractures.							
						MD	GY		SIL	1I		
						LT	GN		HYD	3I		
									CLY	2I		
98.66	119.16	20.50	GRD	MG	Patchy-pervasive argillic with weak potassic, weak patchy silicification/propylitic, and vein-associated phyllic. Crosscut by vuggy smoky quartz-calcite-ankerite veins with blebby-disseminated pyrite.							
						MD	GN		PHC	2I		
						MD	GY		PRO	2I		
						LT	WH	PO	SIL	1I		
						LT	GY	PA	ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
119.16	120.20	1.04	GRD	MG	Strong phyllic, moderate argillic, and weak silicified vein zone near the quartz feldspar porphyry dyke contact. Gouge at the contact. Major veins are coarsely intergrown-banded smoky-white quartz-calcite-ankerite veins. They host blebby pyrite, blades of fine arsenopyrite, and blebby honey brown sphalerite.							
						MD	GY		SIL	2I	Py	3
						LT	GN		PHC	4I	As	1
									ARG	3I	Sp	1
120.20	123.38	3.18	QFP	FG	Sharp chilled 25 TCA top contact, sharp chilled 40 TCA bottom contact with gouge. Distinct colour change from light grey-green to light pink. Occasional gouge zones or clay alteration along cracks. Moderate hydrothermal alteration throughout.							
						LT	GY	CR	HYD	3I		
						LT	PK		CLY	1I		
						LT	GN					
123.38	125.05	1.67	GRD	MG	Main BRX vein zone in this hole. Mineralization hosted by massive white-smoky quartz vein. Massive pyrite, massive-bladed arsenopyrite, blebby honeybrown/blackjack sphalerite, blebby to veinlets of galena, and blebby chalcopyrite. Banded-colloform-interstitial quartz-ankerite is common. Some areas are weakly brecciated by smoky quartz.							
						MD	GY		SIL	2I	Py	50
						MD	BR				Cp	5
						DK	BK		PHC	2I	As	10
											Gn	1
											Sp	5
125.05	131.66	6.61	GRD	MG	Relatively unaltered granodiorite with weak patchy propylitic, potassic, argillic, phyllic, and silicification.							
						MD	GY	PO	SIL	1I		
									PHC	1I		
									ARG	1I		
									POT	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
131.66	139.10	7.44	GRD	MG	Fractured and rubbly granodiorite with moderate phyllic and argillic throughout. Weak clay alteration along fractures and in weak gouge zones. Patchy trace potassic in argillic zones. Veining between 135.5-137.7m through stronly phyllic altered fractured core.							
						MD	GY	FR	PHC	3I		
						LT	GY	RB	ARG	3I		
						LT	GN		CLY	2I		
									POT	1I		
139.10	143.18	4.08	GRD	MG	Interval dominated by moderate patchy phyllic alteration, mainly in vein halos. Outer halos are weak argillic with overprinting potassic. Weak propylitic-potassic in areas without phyllic or argillic. Patchy silicification variably overprints alterations. Crosscut by quartz-calcite veinlets.							
						MD	GY	PO	SIL	1I		
						LT	GN	PA	PHC	3I		
									PRO	2I		
									ARG	2I		
									POT	1I		
143.18	151.18	8.00	GRD	MG	Fractured and rubbly granodiorite with moderate phyllic and argillic throughout. Patchy trace potassic in argillic zones.							
						LT	GY	PO	SIL	2I		
						LT	GN		PHC	3I		
									ARG	3I		
									POT	1I		
									PRO	2I		
151.18	153.92	2.74	GRD	MG	Relatively unaltered granodiorite with weak patchy propylitic, potassic, argillic, phyllic, and silicification.							
						MD	GY	PO	SIL	1I		
									PHC	1I		
									PRO	2I		
									POT	2I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.71	18.81	16.10	GRD	MG	Patchy moderate argillic with pervasive moderate oxidation and weak patchy silicification, propylitic, and phyllic. Extensive oxidation on fracture faces. Gouge in some stronger argillic. Earthy recovery between 2.71-6.25m. Crosscut by massive calcite veinlets and banded quartz-calcite veins with disseminated pyrite.							
									SIL	1I		
						LT	BN	PO	ARG	3I	Li	10
						MD	GY		PRO	1I		
									OXI	3I		
									PHC	1I		
18.81	48.90	30.09	GRD	MG	Weakly altered granodiorite with weak patchy propylitic/potassic/silicification, weak oxidation mainly near fracture. Weak phyllic in vein halos.							
									POT	2I		
									PRO	2I		
						LT	GN	PA	SIL	1I		
						MD	GY	PO	OXI	2I		
									PHC	1I		
48.90	58.80	9.90	GRD	MG	Granodiorite with weak-moderate patchy argillic overprinted by weak patchy potassic, and weak vein-associated phyllic. Trace oxidation on fracture faces. Crosscut by white-smoky quartz-carbonate veins.							
						LT	WH	PA	ARG	3I		
									PHC	2I		
						LT	GN		POT	2I		
						LT	PK	PO	OXI	1I		
58.80	67.83	9.03	GRD	MG	Weakly altered granodiorite with weak patchy propylitic, potassic, silicification, and weak oxidation mainly near fractures. Weak phyllic in vein halos.							
									OXI	1I		
									SIL	1I		
						MD	GN	PA	POT	2I		
						MD	GY	PO	PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
67.83	74.58	6.75	GRD	MG	Patchy argillic with potassic overprint, vein halos are phyllic to argillic, and weak patchy silicification. Crosscut by rare aplite dyklets and weakly banded calcite-ankerite veins with blebby-disseminated pyrite.							
						LT	WH	PA	ARG	2I		
						LT	PK	PO	SIL	1I		
						LT	GN		POT	2I		
									PRO	2I		
74.58	75.34	0.76	QFP	FG	Sharp 70 TCA top contact, sharp 80 TCA bottom contact. Strongly hydrothermally altered quartz feldspar porphyry with light green tone.							
						LT	GN		SIL	1I		
									HYD	4I		
75.34	95.46	20.12	GRD	MG	Patchy-pervasive argillic with patchy weak potassic overprint. Patch propylitic and vein-associated phyllic. Frequent gouge zones with clay. Lower grade vein zones near upper quartz feldspar porphyry contact and lower QFP contact.							
						LT	PK	PO	SIL	1I		
						LT	GN	RB	ARG	3I		
						MD	GY	PA	POT	3I		
									PRO	2I		
									PHC	2I		
									CLY	2I		
95.46	98.66	3.20	QFP	MG	Sharp chilled top contact at 60 TCA. Sharp, clay-gouged bottom contact at 70 TCA. Moderate-pervasive hydrothermal alteration. Weak clay alteration in gouge and on fractures.							
									CLY	2I		
						LT	GN		HYD	3I		
						MD	GY		SIL	1I		
98.66	120.20	21.54	GRD	MG	Patchy-pervasive argillic with weak potassic, weak patchy silicification/propylitic, and vein-associated phyllic. Crosscut by vuggy smoky quartz-calcite-ankerite veins with blebby-disseminated pyrite. Increasing vein complexity nearing the quartz feldspar porphyry dyke contact.							
						LT	WH	PO	SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	2I		
						MD	GY		PRO	2I		
									POT	2I		
						LT	GY	PA	ARG	3I		
120.20	123.38	3.18	QFP	FG	Sharp chilled 25 TCA top contact, sharp chilled 40 TCA bottom contact with gouge. Distinct colour change from light grey-green to light pink. Occasional gouge zones or clay alteration along cracks. Moderate hydrothermal alteration throughout.							
						LT	GY	CR	HYD	3I		
						LT	PK		CLY	1I		
						LT	GN					
123.38	125.05	1.67	GRD	MG	Main BRX vein zone in this hole. Mineralization hosted by massive white-smoky quartz vein. Massive pyrite, massive-bladed arsenopyrite, blebby honeybrown/blackjack sphalerite, blebby to veinlets of galena, and blebby chalcopyrite. Banded-colloform-interstitial quartz-ankerite is common. Some areas are weakly brecciated by smoky quartz.							
						DK	BK		PHC	2I	As	10
						MD	BR				Cp	5
											Gn	1
											Sp	5
						MD	GY		SIL	2I	Py	50
125.05	131.66	6.61	GRD	MG	Relatively unaltered granodiorite with weak patchy propylitic, potassic, argillic, phyllic, and silicification.							
									PHC	1I		
						MD	GY	PO	SIL	1I		
									PRO	2I		
									ARG	1I		
									POT	2I		
131.66	153.92	22.26	GRD	MG	Interval dominated by moderate patchy phyllic alteration, mainly in vein halos. Outer halos are weak argillic with overprinting potassic. Weak propylitic-potassic in areas without phyllic or argillic. Patchy silicification variably overprints alterations. Crosscut by quartz-calcite veinlets. EOH							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PO	SIL	1I		
									PRO	2I		
									POT	2I		
									ARG	1I		
									PHC	1I		

KL-14-143

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.71	2.71	0	0	0.00	0	--	--	--	
2.71	4.57	1.86	1.85	99	0.52	28	--	1H	5W	
4.57	7.62	3.05	2	66	0.55	18	--	1H	5W	One occurrence of 15 degree joint
7.62	10.67	3.05	2.88	94	2.05	67	--	2H	3W	
10.67	13.72	3.05	2.69	88	2.11	69	--	2H	3W	
13.72	16.76	3.04	2.87	94	2.50	82	--	2H	3W	
16.76	19.81	3.05	2.9	95	1.61	53	--	3H	3W	
19.81	22.86	3.05	2.88	94	2.79	91	--	4H	3W	
22.86	25.91	3.05	2.94	96	2.31	76	--	4H	3W	
25.91	28.96	3.05	2.95	97	1.83	60	--	4H	2W	
28.96	32.00	3.04	2.92	96	1.89	62	--	4H	2W	
32.00	35.05	3.05	2.99	98	1.68	55	--	4H	2W	
35.05	38.10	3.05	2.98	98	2.52	83	--	4H	2W	
38.10	41.15	3.05	2.93	96	2.05	67	--	4H	2W	
41.15	44.20	3.05	3.02	99	1.83	60	--	4H	2W	
44.20	47.24	3.04	2.82	93	1.90	63	--	4H	2W	
47.24	50.29	3.05	2.88	94	2.00	66	--	4H	1W	
50.29	53.34	3.05	3	98	1.95	64	--	4H	1W	
53.34	56.39	3.05	3	98	2.71	89	--	4H	1W	
56.39	59.44	3.05	2.9	95	2.48	81	--	3H	1W	
59.44	62.48	3.04	3.02	99	3.00	99	--	4H	1W	
62.48	65.53	3.05	3	98	2.80	92	--	4H	1W	
65.53	68.58	3.05	2.95	97	2.62	86	--	4H	1W	
68.58	71.63	3.05	2.85	93	1.86	61	--	3H	1W	
71.63	74.68	3.05	2.9	95	2.49	82	--	3H	2W	
74.68	77.72	3.04	2.86	94	1.55	51	--	3H	1W	
77.72	80.77	3.05	2.83	93	1.26	41	--	2H	1W	
80.77	83.82	3.05	2.9	95	1.42	47	--	3H	1W	
83.82	86.87	3.05	2.91	95	2.17	71	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.76	90	0.90	30	--	2H	1W	
89.92	92.96	3.04	2.94	97	1.43	47	--	3H	1W	
92.96	96.01	3.05	2.73	90	1.33	44	--	3H	1W	
96.01	99.06	3.05	2.95	97	1.89	62	--	3H	1W	
99.06	102.11	3.05	2.86	94	2.38	78	--	3H	1W	
102.11	105.16	3.05	3.01	99	2.24	73	--	4H	1W	
105.16	108.20	3.04	2.78	91	2.53	83	--	4H	1W	
108.20	111.25	3.05	3.05	100	2.32	76	--	4H	1W	
111.25	114.30	3.05	3.01	99	2.69	88	--	4H	1W	
114.30	117.35	3.05	3.03	99	2.40	79	--	3H	1W	
117.35	120.40	3.05	2.96	97	1.94	64	--	3H	1W	
120.40	123.44	3.04	2.9	95	2.10	69	--	3H	1W	Quartz feldspar dyke
123.44	126.49	3.05	2.95	97	1.88	62	--	4H	1W	Mineralized zone
126.49	129.54	3.05	2.86	94	1.70	56	--	4H	1W	
129.54	132.59	3.05	2.79	91	1.17	38	--	4H	1W	
132.59	135.64	3.05	2.44	80	0.61	20	--	1H	1W	
135.64	138.68	3.04	2.52	83	1.08	36	--	3H	1W	
138.68	141.73	3.05	3.05	100	1.84	60	--	4H	1W	
141.73	144.78	3.05	2.99	98	2.15	70	--	4H	1W	
144.78	147.83	3.05	3.01	99	2.83	93	--	4H	1W	
147.83	150.88	3.05	2.95	97	2.16	71	--	4H	1W	
150.88	153.92	3.04	2.53	83	1.35	44	--	4H	1W	

KL-14-143

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
7	0.252	GRD	
8	0.273	GRD	
9	0.351	GRD	
10	0.351	GRD	
11	9.67	GRD	
12	2.63	GRD	
13	0.417	GRD	
14	0.169	GRD	
15	0.186	GRD	
16	0.387	GRD	
17	0.325	GRD	
18	0.204	GRD	
19	6.4	GRD	
20	15.6	GRD	
21	11.9	GRD	
22	17.6	GRD	
23	0.781	GRD	
24	20.5	GRD	
25	16.2	GRD	
26	16.5	GRD	
27	15.4	GRD	
28	15.5	GRD	
29	4.75	GRD	
30	17.2	GRD	
31	17.2	GRD	
32	15.8	GRD	
33	0.641	GRD	
34	17.6	GRD	
35	1.03	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
36	17.9	GRD	
37	9.34	GRD	
38	0.447	GRD	
39	0.543	GRD	
40	7.63	GRD	
41	3.41	GRD	
42	8.98	GRD	
43	20.5	GRD	
44	13.2	GRD	
45	17.2	GRD	
46	12.9	GRD	
47	1.08	GRD	
48	18.8	GRD	
49	0.676	GRD	
50	0.923	GRD	
51	1.05	GRD	
52	0.675	GRD	
53	0.411	GRD	
54	0.545	GRD	
55	1.31	GRD	
56	0.307	GRD	
57	0.437	GRD	
58	3.33	GRD	
59	10.6	GRD	
60	1.71	GRD	
61	5.84	GRD	
62	0.652	GRD	
63	16.9	GRD	
64	6.86	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
65	0.786	GRD	
66	14.5	GRD	
67	2.08	GRD	
68	2.58	GRD	
69	1.08	GRD	
70	0.35	GRD	
71	0.402	GRD	
72	0.356	GRD	
73	1	GRD	
74	8.52	GRD	
75	0.379	QFP	
76	6.27	GRD	
77	0.627	GRD	
78	0.245	GRD	
79	0.372	GRD	
80	0.422	GRD	
81	0.322	GRD	
82	0.344	GRD	
83	0.315	GRD	
84	0.605	GRD	
85	0.823	GRD	
86	0.566	GRD	
87	0.254	GRD	
88	0.365	GRD	
89	0.324	GRD	
90	0.425	GRD	
91	1.78	GRD	
92	0.391	GRD	
93	0.362	GRD	
94	0.358	GRD	
95	0.352	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
96	0.268	QFP	
97	0.241	QFP	
98	0.266	QFP	
99	0.539	GRD	
100	0.821	GRD	
101	0.741	GRD	
102	1.43	GRD	
103	0.36	GRD	
104	0.324	GRD	
105	0.345	GRD	
106	0.387	GRD	
107	0.331	GRD	
108	0.332	GRD	
109	0.275	GRD	
110	0.237	GRD	
111	0.429	GRD	
112	0.213	GRD	
113	0.191	GRD	
114	0.373	GRD	
115	1.67	GRD	
116	2.63	GRD	
117	0.727	GRD	
118	0.55	GRD	
119	0.265	GRD	
120	0.048	GRD	
121	0.268	QFP	
122	0.211	QFP	
123	0.294	QFP	
124	0.239	GRD	
125	0.463	GRD	
126	1.59	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
127	7.03	GRD	
128	0.365	GRD	
129	12.1	GRD	
130	0.784	GRD	
131	6.25	GRD	
132	4.81	GRD	
133	6.67	GRD	
134	1.25	GRD	
135	0.246	GRD	
136	0.15	GRD	
137	0.267	GRD	
138	0.393	GRD	
139	0.59	GRD	
140	10.1	GRD	
141	6.07	GRD	
142	0.426	GRD	
143	1.17	GRD	
144	0.42	GRD	
145	0.421	GRD	
146	0.225	GRD	
147	0.475	GRD	
148	0.483	GRD	
149	0.45	GRD	
150	0.498	GRD	
151	0.581	GRD	
152	5.36	GRD	
153	0.615	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381649	6890235	1279.78	142.34

ZONE: Western BRX

SECTION:

HOLE: KL-14-144

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 6.09m, Out

Drilling Dates: Jun 13 - Jun 15, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
5.18	39.4	-50.1	Reflex
142.34	38.6	-46.7	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.21	1.21	CAS
1.21	5.18	3.97	OVB
5.18	99.16	93.98	GRD
99.16	106.05	6.89	GRD
106.05	107.1	1.05	QFP
107.1	112.3	5.2	GRD
112.3	113.95	1.65	GRD
113.95	114.79	0.84	QFP
114.79	117.2	2.41	GRD
117.2	142.34	25.14	GRD

SAMPLES	
Numbers:	Q016599 to Q016648, Q016741 to Q016757
Total:	71
Batch:	012, 015, 016, 024
Certificates:	WH14093788, WH14095624, WH14096677, WH14096679

COMMENTS

Box Log

KL-14-144

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.21	5.38
2	5.38	9.56
3	9.56	13.45
4	13.45	17.37
5	17.37	20.98
6	20.98	24.92
7	24.92	28.48
8	28.48	32.61
9	32.61	36.57
10	36.57	40.68
11	40.68	44.51
12	44.51	48.22
13	48.22	51.95
14	51.95	55.62
15	55.62	59.47
16	59.47	63.09
17	63.09	67.05
18	67.05	70.86
19	70.86	74.49
20	74.49	78.33
21	78.33	82.14
22	82.14	86.09
23	86.09	90.3
24	90.3	94.09
25	94.09	98.24
26	98.24	102.37
27	102.37	105.97
28	105.97	110.16
29	110.16	113.92
30	113.92	117.96
31	117.96	122
32	122	126.16
33	126.16	130.15
34	130.15	134.17
35	134.17	138.34
36	138.34	142.34

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-144									
	44.89	18	HQ	GRD	1647	1035.7	3.13	2.7	Unaltered granodiorite.
	77.57	16	HQ	GRD	1291	772.5	2.76	2.5	Moderately argillic altered granodiorite with a weak potassic and propyllitic overprint.
	100.37	8.1	HQ	GRD	900.4	644.3	3.8	3.5	Banded mineralized quartz carbonate vein. Bands of blebby and disseminated Pyrite, arsenopyrite, honey brown and blackjack sphalerite and galena hosted in smokey and milkey quartz. 1 cm vuggy ankerite and calcite run through middle at 60 degrees. Disseminated arsenopyrite throughout.
	101.71	8.8	HQ	GRD	722.5	474.2	2.81	2.9	Combed quartz vein with zoned honey brown and blackjack sphalerite, blebby pyrite, blebby and disseminated galena, disseminated arsenopyrite and discontinuous stringers
	103.32	16.5	HQ	GRD	2125.9	1573	4.41	3.8	Mineralized vein with semi-massive blebby and disseminated pyrite, galena, sphalerite and semi-massive and disseminated arsenopyrite. Also contains discontinuous coliform ankerite and smokey, clear and milkey quartz.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	104.57	11.2	HQ	GRD	1092.2	739.7	3.34	3.1	7.5 cm mineralized quartz carbonate vein displaying cocade textures and hosting blebby and zoned sphalerite. 70 degree smokey quartz veins hosting blebby and disseminated pyrite and sphalerite. Vein 8cm in width, with 1cm phyllic altered granodiorite on either side.
	106.33	13.5	HQ	QFP	1081.8	669.4	2.74	2.6	Half tan quartz feldspar dyke, half dark purple quartz feldspar dyke with carbonate blebs throughout.
	111.6	13	HQ	GRD	1106	713.1	2.91	2.8	Moderately phyllic altered granodiorite with weak propalytic overprint and strong silicification. Hosts discontinuous carbonate, quartz, semi-massive arsenopyrite and semi-massive sphalerite. Contains carbonate vugs. Blebby and disseminated pyrite, sphalerite and arsenopyrite throughout.
	120.25	15.3	HQ	GRD	1295.7	812.6	2.9	2.7	Weak argillic altered granodiorite with strong phyllic, weak propalytic, weak pottasive overprint and moderate silicification.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
5.18	14.82	9.64	GRD	MG	Granodiorite with weak to moderate oxidation along fracture surfaces. Hosts patchy argillic alteration and phyllic/argillic halos around quartz veins.							
						MD	GY		OXI	2I		
						MD	OR		OXI	3I		
						LT	GY		ARG	3I		
14.82	16.61	1.79	GRD	MG	Moderate phyllic envelope around a grey quartz vein. Phyllic alteration transitions into moderate argillic alteration distally from the vein. Strong oxidation obscures rock textures.							
						MD	OR		ARG	3I		
						LT	GN		PHC	3I		
						LT	WH					
16.61	27.77	11.16	GRD	MG	Granodiorite with weak to moderate oxidation along fracture surfaces. Hosts patchy argillic alteration and phyllic/argillic halos around quartz veins.							
						MD	GY		OXI	2I		
						MD	OR		OXI	3I		
						LT	GY		ARG	3I		
27.77	32.22	4.45	GRD	MG	Moderate argillic altered granodiorite with a moderate potassic and weak propyllitic overprint. Argillic alteration is moderate to strongly oxidized. 75cm of the granodiorite in the center of the interval is unaltered.							
						MD	OR		OXI	3I		
						LT	WH		OXI	4I		
						DK	GN		ARG	3I		
									PRO	2I		
									POT	3I		
32.22	34.22	2.00	GRD	MG	Granodiorite with weak to moderate oxidation along fracture surfaces. Hosts patchy argillic alteration and phyllic/argillic halos around quartz veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		OXI	2I		
						MD	OR		OXI	3I		
						LT	GY		ARG	3I		
34.22	40.68	6.46	GRD	MG	Alteration halo around a quartz/sulphide/carbonate vein in the top third of the interval and a quartz/carbonate/sulphide breccia in the bottom third of the interval. Alteration halo is moderately phyllic altered proximal to the vein and breccia and transitions to moderate argillic alteration with a moderate potassic and weak propyllitic overprint. Fractures and patches of argillic alteration are moderately oxidized.							
						MD	PK		PRO	3I		
						LT	GN		PHC	3I		
						LT	WH		POT	3I		
						DK	GN		ARG	3I		
40.68	45.84	5.16	GRD	MG	Granodiorite with weak to moderate oxidation along fracture surfaces. Hosts patchy argillic alteration and phyllic/argillic halos around quartz veins.							
						MD	GY		OXI	2I		
						MD	OR		OXI	3I		
						LT	GY		ARG	3I		
45.84	55.12	9.28	GRD	MG	Moderately silicified and phyllic altered envelope surrounding a grey/green quartz vein. Phyllic alteration transitions into moderate argillic alteration with a moderate potassic and weak propyllitic overprint distally from vein. Vein and alteration are partially oxidized.							
						MD	PK		PHC	3I		
						MD	OR		ARG	3I		
						LT	GN		OXI	3I		
						LT	WH		SIL	3I		
									POT	3I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
55.12	61.00	5.88	GRD	MG	Granodiorite with weak to moderate oxidation along fracture surfaces. Hosts patchy argillic alteration and phyllic/argillic halos around quartz veins.							
						MD	OR		OXI	3I		
						MD	GY		OXI	2I		
						LT	GY		ARG	3I		
61.00	66.50	5.50	GRD	MG	Moderately silicified and phyllic altered envelope surrounding a grey/green quartz vein. Phyllic alteration transitions into moderate argillic alteration with a moderate potassic and weak propyllitic overprint distally from vein. Vein and alteration are partially oxidized.							
						MD	OR		PRO	2I		
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
66.50	69.87	3.37	GRD	MG	Granodiorite with weak to moderate oxidation along fracture surfaces. Hosts patchy argillic alteration and phyllic/argillic halos around quartz veins.							
						MD	GY		OXI	2I		
						MD	OR		OXI	3I		
						LT	GY		ARG	3I		
73.09	81.10	8.01	GRD	MG	Moderately argillic altered granodiorite with a moderate potassic and weak propyllitic overprint.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
81.10	85.42	4.32	GRD	MG	Granodiorite with weak to moderate oxidation along fracture surfaces. Hosts patchy argillic alteration and phyllic/argillic halos around quartz veins.							
						MD	OR		OXI	3I		
						MD	GY		OXI	2I		
						LT	GY		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
85.42	91.33	5.91	GRD	MG	Alternating patches of moderate phyllic alteration and moderately potassic overprinted moderate argillic alteration. Phyllic alteration is a halo around quartz carbonate veining.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
91.33	99.16	7.83	GRD	MG	Granodiorite with weak to moderate oxidation along fracture surfaces. Hosts patchy argillic alteration and phyllic/argillic halos around quartz veins.							
						MD	GY		OXI	2I		
						MD	OR		OXI	3I		
						LT	GY		ARG	3I		
99.16	106.05	6.89	GRD	MG	Upper portion of alteration halo around the first quartz feldspar porphyry dyke. Moderate to strong phyllic alteration halo hosting an abundance of quartz/carbonate/sulphide veins and one large quartz/carbonate/semi-massive sulphide vein. Strong phyllic alteration hosts disseminated pyrite.							
						MD	GN		PHC	4I		
						LT	GN		PHC	3I	Py	1
107.10	111.36	4.26	GRD	MG	Lower alteration halo of quartz feldspar porphyry dyke. Moderate to strong phyllic alteration is partially altered to gouge. Hosts a abundance of grey quartz/black sulphides veins.							
						MD	GN		PHC	3I		
						LT	GN		SIL	4I	Py	1
									PHC	4I		
111.36	111.82	0.46	GRD	MG	Patch of strong phyllic and silica altered granodiorite. Hosts an abundance of discontinuous smokey/grey quartz veinlets. Veinlets hosts disseminated pyrite, arsenopyrite and sphalerite. Phyllic alteration hosts disseminated pyrite.							
						MD	GN		SIL	4I	Py	5
						MD	GY		PHC	4I	As	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Sp	1
111.82	112.30	0.48	GRD	MG	Lower alteration halo of quartz feldspar porphyry dyke. Moderate to strong phyllic alteration is partially altered to gouge. Hosts a abundance of grey quartz/black sulphides veins.							
						MD	GN		PHC	3I		
						LT	GN		SIL	4I	Py	1
									PHC	4I		
112.30	113.95	1.65	GRD	MG	Moderate phyllic alteration with patchy propyllitic overprinted argillic alteration.							
						MD	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
113.95	114.79	0.84	QFP	FG	Grey/green quartz feldspar porphyry dyke partially gouge altered. Dyke contact is gouge altered.							
						MD	GY					
						MD	GN					
114.79	117.20	2.41	GRD	MG	Moderate phyllic and silica altered granodiorite, hosts a quartz/carbonate/sulphide vein.							
						LT	GN		SIL	3I		
									PHC	3I		
117.20	118.24	1.04	GRD	MG	Trace to weak propyllitic/potassic altered granodiorite.							
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
123.14	126.10	2.96	GRD	MG	Trace to weak propyllitic/potassic altered granodiorite.							
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
126.10	127.00	0.90	GRD	MG	Moderately phyllic altered granodiorite hosting four milky quartz veins.							
						MD	GY		PHC	3I		
127.00	136.14	9.14	GRD	MG	Trace to weak propyllitic/potassic altered granodiorite.							
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PRO	2I		
136.14	139.67	3.53	GRD	MG	Moderately phyllic altered granodiorite with patchy propyllitic/potassic overprinted argillic alteration.							
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
139.67	140.30	0.63	GRD	MG	Trace to weak propyllitic/potassic altered granodiorite.							
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
140.30	141.80	1.50	GRD	MG	Moderate phyllic envelope around a smokey quartz vein. Phyllic alterations transitions to propyllitic/potassic overprinted argillic altered granodiorite.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
141.80	142.34	0.54	GRD	MG	Trace to weak propyllitic/potassic altered granodiorite.							
						MD	PK		POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.21	5.18	3.97	OVB	MG	Overburden							
						MD	BN					
5.18	99.16	93.98	GRD	MG	Granodiorite with weak to moderate oxidation along fracture surfaces. Hosts patchy argillic alteration and phyllic/argillic halos around quartz veins.							
						LT	GY		ARG	3I		
						MD	OR		OXI	3I		
						MD	GY		OXI	2I		
99.16	106.05	6.89	GRD	MG	Upper portion of alteration halo around the first quartz feldspar porphyry dyke. Moderate to strong phyllic alteration halo hosting an abundance of quartz/carbonate/sulphide veins and one large quartz/carbonate/semi-massive sulphide vein. Strong phyllic alteration hosts disseminated pyrite.							
						MD	GN		PHC	4I		
						LT	GN		PHC	3I	Py	1
107.10	112.30	5.20	GRD	MG	Lower alteration halo of quartz feldspar porphyry dyke. Moderate to strong phyllic alteration is partially altered to gouge. Hosts a abundance of grey quartz/black sulphides veins.							
									PHC	4I		
						MD	GN		PHC	3I		
						LT	GN		SIL	4I	Py	1
112.30	113.95	1.65	GRD	MG	Moderate phyllic alteration with patchy propyllitic overprinted argillic alteration.							
						DK	GN		PRO	2I		
						MD	GN		PHC	3I		
						LT	WH		ARG	3I		
113.95	114.79	0.84	QFP	FG	Grey/green quartz feldspar porphyry dyke partially gouge altered. Dyke contact is gouge altered.							
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN					
114.79	117.20	2.41	GRD	MG	Moderate phyllic and silica altered granodiorite, hosts a quartz/carbonate/sulphide vein.							
									PHC	3I		
						LT	GN		SIL	3I		
117.20	142.34	25.14	GRD	MG	Trace to weak propyllitic/potassic altered granodiorite.							
						MD	PK		POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.21	1.21	0	0	0.00	0	--	--	--	
1.21	2.13	0.92	0.82	89	0.00	0	--	--	5W	overburden
2.13	5.18	3.05	2.05	67	0.00	0	--	--	5W	overburden
5.18	8.23	3.05	2.69	88	0.84	28	--	3H	2W	
8.23	11.28	3.05	3.05	100	1.74	57	--	3H	2W	
11.28	14.33	3.05	3.05	100	1.21	40	--	3H	2W	
14.33	17.37	3.04	2.79	92	0.38	13	--	2H	3W	
17.37	20.42	3.05	3.05	100	2.58	85	--	4H	2W	
20.42	23.47	3.05	3.04	100	2.09	69	--	4H	2W	
23.47	26.52	3.05	3.05	100	1.79	59	--	4H	2W	
26.52	29.56	3.04	3.01	99	2.01	66	--	3H	3W	
29.56	32.61	3.05	3.05	100	2.06	68	--	3H	3W	
32.61	35.66	3.05	3.05	100	2.62	86	--	3H	2W	
35.66	38.71	3.05	3.05	100	2.64	87	--	2H	2W	
38.71	41.76	3.05	2.57	84	1.17	38	--	2H	3W	
41.76	44.80	3.04	3.03	100	0.86	28	--	1H	3W	majority of interval rubble
44.80	47.85	3.05	3.05	100	1.98	65	--	3H	3W	
47.85	50.90	3.05	3.05	100	1.40	46	--	4H	3W	
50.90	53.95	3.05	3.05	100	1.02	33	--	3H	3W	
53.95	57.00	3.05	2.98	98	1.41	46	--	3H	3W	
57.00	60.05	3.05	3	98	2.43	80	--	4H	2W	
60.05	63.09	3.04	3.04	100	1.21	40	--	3H	3W	
63.09	66.14	3.05	3.05	100	1.92	63	--	3H	3W	
66.14	69.19	3.05	3.03	99	1.63	53	--	4H	3W	
69.19	72.24	3.05	3.05	100	1.73	57	--	3H	3W	
72.24	75.29	3.05	3.05	100	2.95	97	--	3H	2W	
75.29	78.33	3.04	3.04	100	2.35	77	--	3H	2W	
78.33	81.38	3.05	3.05	100	2.53	83	--	3H	2W	
81.38	84.43	3.05	3.05	100	2.40	79	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
84.43	87.48	3.05	3.01	99	2.37	78	--	3H	2W	
87.48	90.53	3.05	3.05	100	2.85	93	--	4H	1W	
90.53	93.57	3.04	3.04	100	2.83	93	--	4H	1W	
93.57	96.62	3.05	3.05	100	2.63	86	--	4H	2W	
96.62	99.67	3.05	3.02	99	2.26	74	--	3H	1W	
99.67	102.72	3.05	3.01	99	2.20	72	--	3H	1W	
102.72	105.77	3.05	3.05	100	1.73	57	--	3H	1W	
105.77	108.81	3.04	3.04	100	1.89	62	--	2H	1W	
108.81	111.86	3.05	3.05	100	1.82	60	--	2H	1W	
111.86	114.91	3.05	2.96	97	2.37	78	--	4H	1W	
114.91	117.96	3.05	3.05	100	2.55	84	--	4H	1W	
117.96	121.01	3.05	3.04	100	2.98	98	--	4H	1W	
121.01	124.05	3.04	3.04	100	2.42	80	--	5H	1W	
124.05	127.10	3.05	3.05	100	2.90	95	--	5H	1W	
127.10	130.15	3.05	3.05	100	2.46	81	--	4H	1W	
130.15	133.20	3.05	3.05	100	2.74	90	--	4H	1W	
133.20	136.25	3.05	3	98	2.54	83	--	4H	1W	
136.25	139.29	3.04	3.04	100	2.97	98	--	4H	1W	
139.29	142.34	3.05	3.05	100	2.88	94	--	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	3.56	OVB	
6	7.21	GRD	
7	1.07	GRD	
8	13.5	GRD	
9	7.35	GRD	
10	14.3	GRD	
11	13.1	GRD	
12	11.8	GRD	
13	11.8	GRD	
14	10.9	GRD	
15	1.68	GRD	
16	0.411	GRD	
17	8.78	GRD	
18	14.2	GRD	
19	13.9	GRD	
20	12.2	GRD	
21	12.1	GRD	
22	14.7	GRD	
23	14.6	GRD	
24	13.4	GRD	
25	0.439	GRD	
26	14.9	GRD	
27	14.3	GRD	
28	1.06	GRD	
29	0.307	GRD	
30	0.292	GRD	
31	8.14	GRD	
32	0.376	GRD	
33	11.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	15.2	GRD	
35	5.7	GRD	
36	0.41	GRD	
37	0.567	GRD	
38	0.242	GRD	
39	0.275	GRD	
40	1.76	GRD	
41	3.28	GRD	
42	6.33	GRD	
43	5.4	GRD	
44	9.32	GRD	
45	15.3	GRD	
46	0.452	GRD	
47	0.227	GRD	
48	0.163	GRD	
49	0.303	GRD	
50	0.398	GRD	
51	0.319	GRD	
52	9.81	GRD	
53	7.71	GRD	
54	14	GRD	
55	2.66	GRD	
56	10.4	GRD	
57	17.3	GRD	
58	16.9	GRD	
59	12	GRD	
60	4.83	GRD	
61	11.7	GRD	
62	0.778	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	0.255	GRD	
64	0.301	GRD	
65	0.354	GRD	
66	1.21	GRD	
67	9.41	GRD	
68	5.42	GRD	
69	7.85	GRD	
70	10.3	GRD	
71	0.644	GRD	
72	0.443	GRD	
73	0.356	GRD	
74	0.351	GRD	
75	0.492	GRD	
76	0.449	GRD	
77	0.671	GRD	
78	2.73	GRD	
79	0.194	GRD	
80	0.654	GRD	
81	9.58	GRD	
82	0.693	GRD	
83	16.1	GRD	
84	19.1	GRD	
85	0.983	GRD	
86	0.603	GRD	
87	0.491	GRD	
88	0.482	GRD	
89	3.15	GRD	
90	0.433	GRD	
91	0.588	GRD	
92	15.1	GRD	
93	11.9	GRD	
94	16.3	GRD	
95	15.7	GRD	
96	10.4	GRD	
97	0.706	GRD	
98	12.7	GRD	
99	8.24	GRD	
100	0.492	GRD	
101	0.637	GRD	
102	0.287	GRD	
103	0.272	GRD	
104	0.211	GRD	
105	0.367	GRD	
106	0.445	GRD	
107	0.447	QFP	
108	0.249	GRD	
109	0.218	GRD	
110	0.274	GRD	
111	0.311	GRD	
112	0.684	GRD	
113	0.356	GRD	
114	0.227	QFP	
115	0.261	GRD	
116	0.491	GRD	
117	4.01	GRD	
118	6.65	GRD	
119	0.358	GRD	
120	0.39	GRD	
121	0.384	GRD	
122	3.16	GRD	
123	0.438	GRD	
124	13.9	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	12.3	GRD	
126	6.95	GRD	
127	0.294	GRD	
128	14.1	GRD	
129	5.03	GRD	
130	2.7	GRD	
131	0.457	GRD	
132	10.6	GRD	
133	1.59	GRD	
134	0.613	GRD	
135	3.9	GRD	
136	5.63	GRD	
137	0.456	GRD	
138	0.38	GRD	
139	0.521	GRD	
140	2.2	GRD	
141	0.334	GRD	
142	1.77	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381876	6889990	1322.75	132.59

ZONE: Western BRX

SECTION:

HOLE: KL-14-145

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 6.09m, Out

Drilling Dates: Jun 13 - Jun 15, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
5.18	39.4	-50.1	Reflex
142.34	38.6	-46.7	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	27.93	26.41	GRD
27.93	51.83	23.9	GRD
51.83	59.7	7.87	GRD
59.7	68.26	8.56	GRD
68.26	69.75	1.49	QFP
69.75	91.65	21.9	GRD
91.65	96.66	5.01	QFP
96.66	101.3	4.64	GRD
101.3	132.59	31.29	GRD

SAMPLES	
Numbers:	Q016290 to Q016311, Q016737 to Q016740, Q927447 to Q927449
Total:	35
Batch:	010, 024, 099
Certificates:	WH14093786, WH14096679, WH14111988

COMMENTS

Box Log

KL-14-145

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	6.8
2	6.8	11.9
3	11.9	16.76
4	16.76	22.36
5	22.36	27.93
6	27.93	32
7	32	36.63
8	36.63	41.31
9	41.31	46.56
10	46.56	51.35
11	51.35	56.39
12	56.39	61.25
13	61.25	66.43
14	66.43	71.63
15	71.63	77.33
16	77.33	82.2
17	82.2	87.67
18	87.67	92.63
19	92.63	97.58
20	97.58	102.82
21	102.82	108.2
22	108.2	113.88
23	113.88	119
24	119	123.99
25	123.99	129.04
26	129.04	132.59

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-145									
	15.71	14.9	NQ2	GRD	732.5	439.4	2.31	2.5	Moderately argillic altered granodiorite with moderate pottassic and trace propalytic overprint followed by weak silicification
	59.31	13.85	NQ2	GRD	735.1	464.7	2.5	2.7	Weak argillic altered granodiorite with moderate phyllic and propalytic alteration, strong silicification and trace oxidation. Cut by two 60 degree quartz veinlets (1 smokey and 1 milky) and a later 30 degree smokey quartz vein surrounded by propalytic alteration

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	27.93	26.41	GRD	MG	Granodiorite with patchy and vein-associated argillic and phyllic alteration. Weak patchy silicification, propylitic, and potassic overprints. Semi-pervasive to fracture-associated moderate oxidation. Relatively coherrent recovery. Crosscut by calcite-chlorite with propylitic halos and massive dark grey quartz veins.							
						MD	GY	PO	OXI	3I		
						MD	BN	PA	SIL	1I		
									ARG	2I		
									PHC	1I		
									PRO	1I		
									POT	1I		
27.93	39.08	11.15	GRD	MG	Granodiorite with patchy and vein-associated argillic and phyllic alteration. Weak patchy silicification, propylitic, and potassic overprints. Semi-pervasive to fracture-associated moderate oxidation. Occasional gouge zones. Relatively coherrent recovery. Crosscut by calcite-chlorite with propylitic halos and massive dark grey quartz veins.							
						MD	GY	PO	OXI	3I		
						MD	BN	PA	SIL	1I		
								FR	ARG	2I		
									PRO	1I		
									POT	1I		
									PHC	1I		
39.08	41.31	2.23	GRD	MG	Overprinting phyllic-argillic with patchy propylitic and potassic alterations. Cut by quartz-calcite veinlets hosting disseminated-blebby pyrite. Limited gouge.							
						MD	BN	FR	SIL	1I		
						LT	GN	PO	OXI	2I		
									POT	1I		
									ARG	2I		
									PHC	2I		
									PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
41.31	51.83	10.52	GRD	MG	Granodiorite with patchy and vein-associated argillic and phyllic alteration. Weak patchy silicification, propylitic, and potassic overprints. Semi-pervasive to fracture-associated moderate oxidation. Occasional gouge zones. Relatively coherrent recovery. Crosscut by calcite-chlorite with propylitic halos and massive dark grey quartz veins.							
						MD	GY	PO	OXI	2I		
						MD	BN	PA	SIL	1I		
								FR	PHC	2I		
									ARG	2I		
									PRO	1I		
									POT	1I		
51.83	59.70	7.87	GRD	MG	Moderate argillic and phyllic altered granodiorte with patchy trace propylitic and potassic. Gouge is common, up to 50 cm total gouge in this interval. Somewhat rubbly, crosscut by smoky quartz-calcite veins with blebby pyrite and blebby sphalerite. Weakly brecciated by quartz at 57.8-59.3m.							
						LT	BN	RB	CLY	3I		
						LT	GN	PO	OXI	1I		
						LT	GY	FR	ARG	3I		
									PRO	1I		
									PHC	3I		
									POT	1I		
59.70	68.26	8.56	GRD	MG	Granodiorite with patchy and vein-associated argillic and phyllic alteration. Weak patchy silicification, propylitic, and potassic overprints. Semi-pervasive to fracture-associated moderate oxidation. Occasional gouge zones. Relatively coherrent recovery. Crosscut by calcite-chlorite with propylitic halos and massive dark grey quartz veins.							
						MD	GY	PO	SIL	1I		
						MD	GN		PRO	2I		
									POT	1I		
									PHC	2I		
									ARG	1I		
68.26	69.75	1.49	QFP	FG	Medium green-dark grey quartz feldspar porphyry dyke. No adjacent veining.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PO	HYD	2I		
						DK	GY					
69.75	89.28	19.53	GRD	MG	Granodiorite with patchy argillic, phyllic, propylitic, and potassic alterations. Cut by banded quartz-calcite-ankerite veins with blebby pyrite. Black breccias at 80.23-80.43m and 82.56-82.72m. Veins have propylitic, phyllic, to argillic halos with increasing distance. Potassic overprinting argillic is common. Black breccias are hydrothermally altered, with high disseminated pyrite content in black matrix.							
						MD	GY	PO	SIL	1I		
						MD	GN	PA	ARG	1I		
									PHC	3I		
									PRO	2I		
									POT	1I		
89.28	91.65	2.37	GRD	MG	Strongly phyllic altered granodiorte with intense veining near quartz feldspar porphyry contact. Crackled and gouged leading up to QFP contact. Limited disseminated pyrite in gouge.							
						LT	GN	PO	SIL	1I	Py	1
						LT	GY	CR	CLY	1I		
									ARG	2I		
									PHC	4I		
									PRO	1I		
91.65	96.66	5.01	QFP	FG	Quartz feldspar porphyry with two main colours: medium pink (soft, non silicified) and light green-grey (harder, moderate pervasive silicification). Strong gouge and clay alteration at both contacts.							
						MD	GY		SIL	3I		
						MD	PK					
						LT	GN		HYD	2I		
96.66	101.30	4.64	GRD	MG	Main BRX vein zone in this hole. Strong phyllic, moderate argillic, and moderate-weak silicification throughout. Cut by several veins with significant sulphide mineralization. Massive pyrite dominates. Blebby honeybrown sphalerite, blebby-massive arsenopyrite, blebby chalcopyrite (interstitial to pyrite), and blebby galena in varying amounts in each vein.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	2I	Py	8
						MD	BR		PHC	4I	Gn	1
						MD	GN		ARG	3I	As	1
											Sp	2
											Cp	1
101.30	132.59	31.29	GRD	MG	Relatively unaltered granodiorite with patchy weak argillic and phyllic, with semi-pervasive weak propylitic and patchy potassic/silicification. EOH							
						MD	GY	PO	SIL	1I		
						MD	GN		ARG	2I		
									POT	2I		
									PHC	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	27.93	26.41	GRD	MG	Granodiorite with patchy and vein-associated argillic and phyllic alteration. Weak patchy silicification, propylitic, and potassic overprints. Semi-pervasive to fracture-associated moderate oxidation. Relatively coherrent recovery. Crosscut by calcite-chlorite with propylitic halos and massive dark grey quartz veins.							
						MD	GY	PO	OXI	3I		
						MD	BN	PA	SIL	1I		
									ARG	2I		
									PHC	1I		
									PRO	1I		
									POT	1I		
27.93	51.83	23.90	GRD	MG	Granodiorite with patchy and vein-associated argillic and phyllic alteration. Weak patchy silicification, propylitic, and potassic overprints. Semi-pervasive to fracture-associated moderate oxidation. Occasional gouge zones. Relatively coherrent recovery. Crosscut by calcite-chlorite with propylitic halos and massive dark grey quartz veins.							
									PRO	1I		
						MD	GY	PO	OXI	3I		
						MD	BN	PA	SIL	1I		
									PHC	1I		
									POT	1I		
									ARG	2I		
51.83	59.70	7.87	GRD	MG	Moderate argillic and phyllic altered granodiorte with patchy trace propylitic and potassic. Gouge is common, up to 50 cm total gouge in this interval. Somewhat rubbly, crosscut by smoky quartz-calcite veins with blebby pyrite and blebby sphalerite. Weakly brecciated by quartz at 57.8-59.3m.							
						LT	GN	PO	OXI	1I		
									PRO	1I		
									POT	1I		
									PHC	3I		
						LT	GY	RB	ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	BN	FR	CLY	3I		
59.70	68.26	8.56	GRD	MG	Granodiorite with patchy and vein-associated argillic and phyllic alteration. Weak patchy silicification, propylitic, and potassic overprints. Semi-pervasive to fracture-associated moderate oxidation. Occasional gouge zones. Relatively coherrent recovery. Crosscut by calcite-chlorite with propylitic halos and massive dark grey quartz veins.							
									ARG	1I		
									PHC	1I		
						MD	BN	PA	PRO	2I		
									POT	1I		
						MD	GY	PO	SIL	1I		
68.26	69.75	1.49	QFP	FG	Medium green-dark grey quartz feldspar porphyry dyke. No adjacent veining.							
						DK	GY					
						MD	GN		HYD	2I		
69.75	91.65	21.90	GRD	MG	Granodiorite with patchy argillic, phyllic, propylitic, and potassic alterations. Cut by banded quartz-calcite-ankerite veins with blebby pyrite. Black breccias at 80.23-80.43m and 82.56-82.72m. Veins have propylitic, phyllic, to argillic halos with increasing distance. Potassic overprinting argillic is common. Black breccias are hydrothermally altered, with high disseminated pyrite content in black matrix. Increased veining and gouge near lower contact with quartz feldspar porphyry.							
									PHC	3I		
									PRO	2I		
						MD	GY	PO	SIL	1I		
						MD	GN	PA	ARG	1I		
									POT	1I		
91.65	96.66	5.01	QFP	FG	Quartz feldspar porphyry with two main colours: medium pink (soft, non silicified) and light green-grey (harder, moderate pervasive silicification). Strong gouge and clay alteration at both contacts.							
						LT	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		HYD	2I		
						MD	PK					
96.66	101.30	4.64	GRD	MG	Main BRX vein zone in this hole. Strong phyllic, moderate argillic, and moderate-weak silicification throughout. Cut by several veins with significant sulphide mineralization. Massive pyrite dominates. Blebby honeybrown sphalerite, blebby-massive arsenopyrite, blebby chalcopyrite (interstitial to pyrite), and blebby galena in varying amounts in each vein.							
						MD	GY		SIL	2I	Py	8
						MD	BR		PHC	4I	As	1
						MD	GN		ARG	3I	Gn	1
											Sp	2
											Cp	1
101.30	132.59	31.29	GRD	MG	Relatively unaltered granodiorite with patchy weak argillic and phyllic, with semi-pervasive weak propylitic and patchy potassic/silicification. EOH							
									PRO	2I		
						MD	GY	PO	SIL	1I		
									PHC	2I		
									POT	2I		
						MD	GN		ARG	2I		

KL-14-145

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	2.4	79	1.48	49	--	1H	5W	half 1/1/5. half 3/4/2
4.57	7.62	3.05	2.82	92	1.86	61	--	4H	3W	
7.62	10.67	3.05	2.67	88	0.88	29	--	3H	3W	
10.67	13.72	3.05	2.95	97	2.00	66	--	4H	3W	
13.72	16.76	3.04	3.01	99	2.03	67	--	3H	3W	
16.76	19.81	3.05	2.82	92	2.20	72	--	3H	2W	
19.81	22.86	3.05	2.71	89	1.93	63	--	2H	2W	
22.86	25.91	3.05	2.96	97	2.16	71	--	3H	2W	
25.91	28.96	3.05	2.57	84	1.43	47	--	4H	2W	
28.96	32.00	3.04	2.6	86	0.79	26	--	3H	2W	
32.00	35.05	3.05	2.78	91	1.74	57	--	4H	2W	
35.05	38.10	3.05	2.81	92	0.91	30	--	2H	2W	
38.10	41.15	3.05	2.69	88	0.93	30	--	2H	3W	
41.15	44.20	3.05	2.63	86	0.48	16	--	4H	2W	
44.20	47.24	3.04	2.91	96	0.83	27	--	3H	3W	
47.24	50.29	3.05	2.72	89	1.04	34	--	1H	2W	Half 1H, half 4H. Half 1S, half 5S.
50.29	53.34	3.05	2.7	89	1.12	37	--	4H	2W	
53.34	56.39	3.05	2.75	90	0.72	24	--	2H	1W	
56.39	59.44	3.05	2.59	85	1.15	38	--	3H	1W	
59.44	62.49	3.05	2.88	94	1.33	44	--	4H	1W	
62.49	65.53	3.04	2.99	98	2.31	76	--	4H	1W	
65.53	68.58	3.05	2.97	97	1.73	57	--	4H	1W	
68.58	71.63	3.05	3	98	2.18	71	--	4H	1W	
71.63	74.68	3.05	3.03	99	2.04	67	--	4H	1W	
74.68	77.72	3.04	2.73	90	2.09	69	--	3H	1W	
77.72	80.77	3.05	3.03	99	1.87	61	--	4H	1W	
80.77	83.82	3.05	2.96	97	2.18	71	--	4H	1W	
83.82	86.87	3.05	2.87	94	2.27	74	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.95	97	2.45	80	--	3H	1W	
89.92	92.96	3.04	2.73	90	1.00	33	--	4H	1W	Quartz feldspar dyke
92.96	96.01	3.05	3.01	99	2.16	71	--	4H	1W	
96.01	99.06	3.05	2.98	98	2.15	70	--	4H	1W	
99.06	102.10	3.04	2.81	92	1.43	47	--	3H	1W	
102.10	105.15	3.05	2.88	94	1.59	52	--	4H	1W	
105.15	108.20	3.05	2.94	96	2.11	69	--	4H	1W	
108.20	111.25	3.05	2.93	96	2.19	72	--	4H	1W	
111.25	114.30	3.05	2.97	97	2.80	92	--	4H	1W	
114.30	117.35	3.05	3.05	100	2.21	72	--	4H	1W	
117.35	120.40	3.05	2.9	95	1.83	60	--	4H	1W	
120.40	123.44	3.04	2.98	98	2.17	71	--	4H	1W	
123.44	126.49	3.05	2.95	97	1.96	64	--	4H	1W	
126.49	129.54	3.05	2.95	97	2.08	68	--	4H	1W	
129.54	132.59	3.05	2.88	94	2.82	92	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	7.38	GRD	
4	6.08	GRD	
5	0.765	GRD	
6	14.5	GRD	
7	0.483	GRD	
8	8.56	GRD	
9	0.42	GRD	
10	0.53	GRD	
11	3.24	GRD	
12	0.26	GRD	
13	0.34	GRD	
14	0.28	GRD	
15	0.45	GRD	
16	0.64	GRD	
17	0.36	GRD	
18	0.65	GRD	
19	8.23	GRD	
20	0.41	GRD	
21	2.41	GRD	
22	12.3	GRD	
23	0.303	GRD	
24	0.475	GRD	
25	9.9	GRD	
26	16.2	GRD	
27	18.5	GRD	
28	0.373	GRD	
29	3.78	GRD	
30	7.08	GRD	
31	15.5	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	9.21	GRD	
33	14	GRD	
34	0.83	GRD	
35	0.608	GRD	
36	0.839	GRD	
37	0.6	GRD	
38	15.9	GRD	
39	4.98	GRD	
40	0.457	GRD	
41	0.663	GRD	
42	0.509	GRD	
43	2.12	GRD	
44	13.1	GRD	
45	0.561	GRD	
46	0.785	GRD	
47	4.56	GRD	
48	0.468	GRD	
49	2.33	GRD	
50	10.4	GRD	
51	7.5	GRD	
52	9.12	GRD	
53	11.5	GRD	
54	0.252	GRD	
55	1.07	GRD	
56	0.51	GRD	
57	0.339	GRD	
58	0.345	GRD	
59	0.187	GRD	
60	0.546	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	0.475	GRD	
62	0.36	GRD	
63	1.67	GRD	
64	0.348	GRD	
65	3.18	GRD	
66	0.444	GRD	
67	11.4	GRD	
68	0.534	GRD	
69	0.331	QFP	
70	1.32	GRD	
71	1.98	GRD	
72	13.7	GRD	
73	4.14	GRD	
74	0.86	GRD	
75	0.278	GRD	
76	0.399	GRD	
77	2.51	GRD	
78	0.581	GRD	
79	0.406	GRD	
80	0.282	GRD	
81	0.431	GRD	
82	0.341	GRD	
83	0.429	GRD	
84	0.421	GRD	
85	0.83	GRD	
86	1.53	GRD	
87	0.403	GRD	
88	0.283	GRD	
89	0.188	GRD	
90	0.256	GRD	
91	0.235	GRD	
92	0.315	QFP	
93	0.221	QFP	
94	0.225	QFP	
95	0.212	QFP	
96	1.15	QFP	
97	0.281	GRD	
98	0.171	GRD	
99	0.523	GRD	
100	0.284	GRD	
101	2.3	GRD	
102	14.3	GRD	
103	2.45	GRD	
104	0.32	GRD	
105	1.57	GRD	
106	16.2	GRD	
107	15.2	GRD	
108	13.9	GRD	
109	11.6	GRD	
110	7.85	GRD	
111	14.3	GRD	
112	15.8	GRD	
113	17.1	GRD	
114	3.22	GRD	
115	27.9	GRD	
116	14.9	GRD	
117	15.3	GRD	
118	16.8	GRD	
119	15.1	GRD	
120	12.6	GRD	
121	15.1	GRD	
122	15.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
123	4.22	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381603	6890242	1270.57	203.3

ZONE: Western BRX

SECTION:

HOLE: KL-14-146

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 22.86m, Out

Drilling Dates: Jun 15 - Jun 16, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.2	3.2	CAS
3.2	40.35	37.15	GRD
40.35	80.23	39.88	GRD
80.23	122.16	41.93	GRD
122.16	139.29	17.13	GRD
139.29	172.82	33.53	FLT
172.82	183.93	11.11	GRD
183.93	196.15	12.22	GRD
196.15	203.3	7.15	GRD

SAMPLES	
Numbers:	Q016649 to Q016700, Q924001 to Q924035
Total:	89
Batch:	016, 018, 020
Certificates:	WH14096677, WH14099436, WH14099438

COMMENTS

Box Log

KL-14-146

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.2	7.15
2	7.15	10.72
3	10.72	14.62
4	14.62	18.37
5	18.37	21.85
6	21.85	25.64
7	25.64	28.95
8	28.95	32.81
9	32.81	36.53
10	36.53	41.07
11	41.07	44.81
12	44.81	48.94
13	48.94	52.76
14	52.76	57
15	57	60.9
16	60.9	64.92
17	64.92	68.4
18	68.4	72.24
19	72.24	76.09
20	76.09	79.78
21	79.78	84.03
22	84.03	87.17
23	87.17	90.83
24	90.83	94.3
25	94.3	98.13
26	98.13	101.94
27	101.94	105.77
28	105.77	109.31
29	109.31	113.27
30	113.27	116.95
31	116.95	120.61
32	120.61	124.05
33	124.05	127.77
34	127.77	131.53
35	131.53	135.39
36	135.39	139.22
37	139.22	142.97
38	142.97	146.81
39	146.81	151.2
40	151.2	154.04
41	154.04	158.3
42	158.3	162.65
43	162.65	165.73
44	165.73	169.36
45	169.36	173.18
46	173.18	177.31
47	177.31	181.1
48	181.1	183.15
49	183.15	189.06
50	189.06	192.86
51	192.86	196.31
52	196.31	200.25
53	200.25	203.3

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-146									
	41.97	9	HQ	GRD	837	522.2	3.18	2.7	Unaltered granodiorite.
	69.96	19	HQ	GRD	1572.7	961.5	2.83	2.6	Moderately phyllic altered and weakly silicified granodiorite.
	91.87	15.1	HQ	GRD	1258.4	783.3	2.85	2.7	Strong propylitic altered granodiorite with moderate argillic overprint and strong silicification. Argillic alteration surrounded by 0.3cm to 1cm milkey quartz veins and cut by 0.5 to 2mm clear quartz veinlets; both displaying net textures. Propalytic alteration zones strongly silicified
	95.68	15	HQ	GRD	1183.2	712.8	2.7	2.5	Moderate argillic altered granodiorite with strong pottassic, moderate silicification, trace propalytic and trace phyllic
	123.65	14.9	HQ	GRD	1260.4	793	2.89	2.7	Moderate phyllic altered granodiorite with moderate propalytic overprint and moderate silicification
	155.32	16	HQ	FLT	1286	787	2.75	2.6	light red Quartz feldspar dyke
	181.32	8.1	HQ	GRD	670.5	419.5	2.83	2.7	Gouge filled breccia with strong phyllic altered and weak silicification. Contains disseminated pyrite and other sulphides and cut by calcite veinlet

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	189.71	13.8	HQ	GRD	1171.1	736.7	2.9	2.7	Weak propalytic altered breccia with weak phyllic overprint, strong silicification and moderate hematization. Blebby milky quartz and craggle textures throughout. Cut by 40 degree netted quartz and ankerite vein (veinlet in some parts).

KL-14-146

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.20	40.35	37.15	GRD	MG	Rubbly broken up granodiorite with patchy moderate argillic alteration. Granodiorite fractures are moderately oxidized, argillic alteration is pervasively oxidized. Argillic alteration is more broken up.							
						MD	OR	RB	OXI	3I		
						MD	GY	PA	ARG	3I		
40.35	63.09	22.74	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces. Has sporadic patches of moderate argillic alteration.							
						MD	GY	PA	OXI	3I		
						MD	OR		ARG	3I		
63.09	64.69	1.60	GRD	MG	Moderately silicified and phyllic altered envelope surrounding a quartz/carbonate/sulphide vein.							
						LT	GN		PHC	3I		
									SIL	3I		
64.69	73.22	8.53	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces. Has sporadic patches of moderate argillic alteration.							
						MD	GY	PA	OXI	3I		
						MD	OR		ARG	3I		
73.22	75.00	1.78	GRD	MG	Moderately phyllic altered granodiorite with patchy argillic alteration.							
									PHC	3I		
									ARG	3I		
75.00	80.23	5.23	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces. Has sporadic patches of moderate argillic alteration.							
						MD	OR		ARG	3I		
						MD	GY		OXI	3I		
80.23	94.20	13.97	GRD	MG	Moderate phyllic altered granodiorite hosting multiple quartz veins. Un-veined areas transition to potassic overprinted argillic alteration.							
						MD	PK		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		
						LT	WH		POT	2I		
94.20	95.91	1.71	GRD	MG	Moderate argillic altered granodiorite overprinted with moderate to strong potassic and weak propyllitic alteration.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		POT	4I		
									PRO	2I		
95.91	98.79	2.88	GRD	MG	Moderate phyllic altered granodiorite hosting multiple quartz veins. Un-veined areas transition to potassic overprinted argillic alteration.							
						MD	PK		ARG	3I		
						LT	GN		PHC	3I		
						LT	WH		POT	2I		
98.79	106.19	7.40	GRD	MG	Moderate phyllic altered granodiorite with patchy potassic overprinted argillic alteration.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
106.19	114.42	8.23	GRD	MG	Moderate phyllic altered granodiorite hosting multiple quartz veins. Un-veined areas transition to potassic overprinted argillic alteration.							
						MD	PK		ARG	3I		
						LT	GN		PHC	3I		
						LT	WH		POT	2I		
114.42	116.95	2.53	GRD	MG	Moderately propyllitic altered granodiorite with a weak potassic overprint.							
						MD	GY		PRO	3I		
						MD	PK					
						DK	GN		POT	2I		
116.95	122.16	5.21	GRD	MG	Moderate phyllic altered granodiorite hosting multiple quartz veins. Un-veined areas transition to potassic overprinted argillic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		ARG	3I		
						LT	GN		PHC	3I		
						LT	WH		POT	2I		
122.16	139.29	17.13	GRD	MG	Moderate to strongly phyllic altered and moderately silicified granodiorite with patchy propyllitic alteration that has been partially to mostly altered to gouge. Fault 2 starts at approximately 139.29m.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PHC	4I		
									PRO	3I		
139.29	152.17	12.88	GRD	MG	Moderate to strongly phyllic and moderately silicified granodiorite that has been mostly to entirely altered to gouge. Phyllic alteration hosts disseminated pyrite.							
						LT	GN	SH	SIL	3I	Py	1
									PHC	3I		
152.17	156.57	4.40	QFP	FG	Faulted light red quartz feldspar porphyry dyke. Portions of the dyke are rubbly and partially gouge altered.							
						DK	RD	RB				
								SH				
156.57	159.10	2.53	GRD	MG	Faulted moderately propyllitic, phyllic and silica altered granodiorite. Granodiorite is heavily gouge altered and rubbly and partially gouge altered.							
						DK	GY	SH	PRO	3I		
						DK	GN	RB	SIL	3I	Py	1
									POT	3I		
159.10	160.93	1.83	QFP	MG	Faulted gouge altered quartz feldspar porphyry dyke. Light tan gouge altered dyke transitions to light orange , which transitions to dark red dyke. Sharp gouge contact between dark red and light tan dykes at 160.11m, oriented at 15 degrees TCA.							
						LT	OR	SH				
						LT	TN	RB				
						DK	RD					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
160.93	162.28	1.35	GRD	MG	Faulted moderately propyllitic, phyllic and silica altered granodiorite. Granodiorite is heavily gouge altered and rubbly and partially gouge altered.							
						DK	GN	SH	PHC	3I		
						DK	GY	RB	PRO	3I	Py	1
									SIL	3I		
162.28	163.65	1.37	GRD	MG	Granodiorite and quartz feldspar porphyry dyke contact that runs parallel TCA. And is separated by a thin layer of grey gouge. Light tan dyke transitions to dark red at 162.91m. Last 35cm of interval has a undulating contact between light tan dyke and dark red dyke, parallel TCA. Granodiorite is moderately silicified, propyllitic and phyllic altered and hosts disseminated pyrite.							
						MD	GY					
						LT	TN		PHC	3I		
						DK	GY	SH	SIL	3I	Py	1
						DK	GN		PRO	3I		
						DK	RD					
163.65	166.63	2.98	QFP	MG	Dark red quartz feldspar porphyry dyke that alternates between intense gouge alteration and rubbly zones. Small patch of propyllitic/phyllic/silica alerted granodiorite at 163.90-164.14m.							
						DK	RD	RB				
								SH				
166.63	172.82	6.19	GRD	MG	Moderately propyllitic, phyllic and silica altered granodiorite that has been partially to mostly gouge altered and hosts disseminated pyrite.							
						MD	GY		PHC	3I		
						DK	GY	SH	PRO	3I	Py	1
						DK	GN		SIL	3I		
172.82	183.93	11.11	GRD	MG	Moderate to strong propyllitic and moderate silica and weak potassic altered granodiorite. Sporadic gouge alteration.							
						DK	GY		SIL	3I		
						DK	GN		PRO	3I		
									PRO	4I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
183.93	189.09	5.16	GRD	MG	Moderately phyllic, strongly silica, and patchy moderate propyllitic altered granodiorite. Proximity to faulting has caused shearing of rock textures. Minor gouge alteration throughout.							
						MD	GY		PHC	3I		
						LT	GN		SIL	4I		
									PRO	3I		
189.09	192.86	3.77	GRD	MG	Moderately silicified and hematized and weak propyllitic altered granodiorite. Hematization is pervasive throughout the interval and exhibits crackle texture.							
						DK	RD	CR	SIL	3I		
						DK	GN		HEM	3I		
									PRO	2I		
192.86	196.15	3.29	GRD	MG	Moderately phyllic, strongly silica, and patchy moderate propyllitic altered granodiorite. Proximity to faulting has caused shearing of rock textures. Minor gouge alteration throughout.							
						MD	GY		PHC	3I		
						LT	GN		SIL	4I		
									PRO	3I		
196.15	203.30	7.15	GRD	MG	Moderately phyllic and silica altered and weak propyllitic altered granodiorite with patchy hematization							
						MD	GY	PA	SIL	3I		
						LT	GN		HEM	2I		
						DK	RD		PHC	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.20	40.35	37.15	GRD	MG	Rubbly broken up granodiorite with patchy moderate argillic alteration. Granodiorite fractures are moderately oxidized, argillic alteration is pervasively oxidized. Argillic alteration is more broken up.							
						MD	OR	RB	OXI	3I		
						MD	GY	PA	ARG	3I		
40.35	80.23	39.88	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces. Has sporadic patches of moderate argillic alteration.							
						MD	OR		ARG	3I		
						MD	GY		OXI	3I		
80.23	122.16	41.93	GRD	MG	Moderate phyllic altered granodiorite hosting multiple quartz veins. Un-veined areas transition to potassic overprinted argillic alteration.							
						LT	GN		PHC	3I		
122.16	139.29	17.13	GRD	MG	Moderate to strongly phyllic altered and moderately silicified granodiorite with patchy propyllitic alteration that has been partially to mostly altered to gouge. Fault 2 starts at approximately 139.29m.							
									SIL	3I		
									PHC	4I		
									PRO	3I		
									PHC	3I		
139.29	172.82	33.53	FLT	MG	Alternating phyllic/propyllitic alternated granodiorite and quartz feldspar porphyry dyke. Granodiorite hosts patchy disseminated pyrite.							
						LT	GY	RB	SIL	3I		
						MD	GY		PRO	3I		
						DK	GY					
						LT	TN					
						DK	RD					
						LT	GN	SH	PHC	3I	Py	1
172.82	183.93	11.11	GRD	MG	Moderate to strong propyllitic and moderate silica and weak potassic altered granodiorite. Sporadic gouge alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
									PRO	4I		
						DK	GN		PRO	3I		
						DK	GY		SIL	3I		
183.93	196.15	12.22	GRD	MG	Moderately phyllic, strongly silica, and patchy moderate propyllitic altered granodiorite. Proximity to faulting has caused shearing of rock textures. Minor gouge alteration throughout.							
									PRO	3I		
						MD	GY		PHC	3I		
						LT	GN		SIL	4I		
196.15	203.30	7.15	GRD	MG	Moderately phyllic and silica altered and weak propyllitic altered granodiorite with patchy hematization.							
						DK	GN		PRO	2I		
						LT	GN		HEM	2I		
						DK	RD		PHC	3I		
						MD	GY	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.20	3.20	0	0	0.00	0	--	--	--	CAS
3.20	5.18	1.98	1.62	82	0.11	6	--	1H	5W	
5.18	8.23	3.05	2.16	71	0.31	10	--	1H	5W	
8.23	11.28	3.05	2.44	80	0.33	11	--	1H	4W	
11.28	14.33	3.05	2.01	66	0.35	11	--	2H	4W	
14.33	17.37	3.04	2.51	83	0.36	12	--	2H	4W	
17.37	20.42	3.05	2.35	77	0.21	7	--	1H	5W	
20.42	23.47	3.05	2.53	83	0.43	14	--	2H	4W	
23.47	26.52	3.05	2.61	86	1.15	38	--	3H	3W	
26.52	29.57	3.05	2.74	90	1.26	41	--	4H	2W	
29.57	32.61	3.04	2.11	69	1.01	33	--	4H	2W	
32.61	35.66	3.05	2.67	88	1.15	38	--	3H	3W	
35.66	38.71	3.05	1.95	64	0.46	15	--	4H	4W	
38.71	41.76	3.05	1.9	62	1.51	50	--	4H	2W	
41.76	44.81	3.05	2.64	87	0.68	22	--	4H	2W	
44.81	47.85	3.04	2.89	95	2.08	68	--	4H	2W	
47.85	50.90	3.05	2	66	0.38	12	--	2H	3W	
50.90	53.95	3.05	1.78	58	1.22	40	--	3H	1W	
53.95	57.00	3.05	2.58	85	1.61	53	--	4H	1W	
57.00	60.05	3.05	2.85	93	1.68	55	--	4H	2W	
60.05	63.09	3.04	2.29	75	0.25	8	--	2H	3W	
63.09	66.14	3.05	3	98	1.93	63	--	4H	2W	
66.14	69.19	3.05	2.87	94	0.80	26	--	4H	2W	
69.19	72.24	3.05	2.09	69	1.91	63	--	4H	2W	
72.24	75.29	3.05	3.05	100	1.62	53	--	2H	3W	
75.29	78.33	3.04	3.04	100	2.69	88	--	4H	2W	
78.33	81.38	3.05	2.95	97	2.39	78	--	4H	1W	unfinished
81.38	84.43	3.05	3.01	99	2.61	86	--	3H	3W	
84.43	87.48	3.05	3	98	1.91	63	--	3H	3W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	2.25	74	--	4H	2W	
90.53	93.57	3.04	3.01	99	2.15	71	--	4H	2W	
93.57	96.62	3.05	3.05	100	2.74	90	--	3H	2W	
96.62	99.67	3.05	3.01	99	1.69	55	--	3H	1W	
99.67	102.72	3.05	2.99	98	2.24	73	--	3H	1W	
102.72	105.77	3.05	3	98	2.46	81	--	3H	1W	
105.77	108.81	3.04	3.04	100	1.94	64	--	4H	1W	
108.81	111.86	3.05	2.92	96	1.56	51	--	3H	1W	
111.86	114.91	3.05	2.95	97	1.95	64	--	3H	1W	
114.91	117.96	3.05	2.9	95	2.04	67	--	3H	1W	
117.96	121.01	3.05	3.02	99	2.20	72	--	3H	1W	
121.01	124.05	3.04	3.01	99	2.02	66	--	3H	1W	
124.05	127.10	3.05	2.99	98	2.90	95	--	3H	1W	
127.10	130.15	3.05	2.98	98	2.86	94	--	2H	1W	
130.15	133.20	3.05	2.78	91	2.20	72	--	3H	1W	
133.20	136.25	3.05	2.92	96	1.90	62	--	2H	1W	
136.25	139.29	3.04	2.88	95	2.11	69	--	2H	1W	
139.29	142.34	3.05	2.91	95	2.33	76	--	2H	1W	
142.34	145.39	3.05	2.95	97	2.49	82	--	2H	1W	Gouge
145.39	148.44	3.05	2.91	95	2.26	74	--	2H	1W	Gouge
148.44	151.49	3.05	3.05	100	2.91	95	--	1H	1W	Rubble and QFP dyke
151.49	154.53	3.04	2.68	88	1.22	40	--	1H	1W	
154.53	157.58	3.05	3.05	100	2.42	79	--	2H	1W	
157.58	160.63	3.05	2.81	92	1.72	56	--	2H	1W	rubbly zone
160.63	163.68	3.05	3.05	100	1.70	56	--	1H	1W	Gougey zone
163.68	166.73	3.05	3	98	0.00	0	--	2H	1W	Gouge and rubble
166.73	169.77	3.04	2.71	89	0.88	29	--	2H	1W	
169.77	172.82	3.05	2.92	96	1.83	60	--	2H	1W	
172.82	175.87	3.05	3.05	100	1.64	54	--	3H	1W	
175.87	178.92	3.05	3.05	100	2.33	76	--	3H	1W	
178.92	181.97	3.05	2.97	97	1.90	62	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.98	98	2.40	79	--	3H	1W	
185.01	188.06	3.05	3.05	100	2.75	90	--	3H	1W	
188.06	191.11	3.05	2.98	98	2.90	95	--	3H	1W	
191.11	194.16	3.05	3.05	100	1.47	48	--	4H	1W	
194.16	197.21	3.05	2.96	97	1.22	40	--	3H	1W	
197.21	200.25	3.04	2.92	96	1.80	59	--	3H	1W	
200.25	203.30	3.05	3.05	100	2.30	75	--	4H	1W	EOH

KL-14-146

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	8.02	GRD	
5	9.75	GRD	
6	7.74	GRD	
7	9.68	GRD	
8	12.4	GRD	
9	0.86	GRD	
10	14.8	GRD	
11	10.5	GRD	
12	11.4	GRD	
13	6.09	GRD	
14	0.41	GRD	
15	12.5	GRD	
16	2.56	GRD	
17	5.51	GRD	
18	11.1	GRD	
19	10.2	GRD	
20	0.16	GRD	
21	9.8	GRD	
22	13.3	GRD	
23	8.52	GRD	
24	0.41	GRD	
25	0.25	GRD	
26	6.87	GRD	
27	11.1	GRD	
28	13.5	GRD	
29	19.6	GRD	
30	11.6	GRD	
31	12.7	GRD	
32	16.2	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	6.63	GRD	
34	0.33	GRD	
35	5.01	GRD	
36	16.9	GRD	
37	8.97	GRD	
38	15.2	GRD	
39	18.7	GRD	
40	18.1	GRD	
41	18.2	GRD	
42	16.3	GRD	
43	16	GRD	
44	12.8	GRD	
45	16	GRD	
46	17.1	GRD	
47	17.5	GRD	
48	0.51	GRD	
49	15.5	GRD	
50	17.4	GRD	
51	15.4	GRD	
52	17.8	GRD	
53	13.5	GRD	
54	19.6	GRD	
55	12	GRD	
56	18	GRD	
57	11.4	GRD	
58	17.9	GRD	
59	18.3	GRD	
60	9.57	GRD	
61	14.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	0.635	GRD	
63	0.664	GRD	
64	0.761	GRD	
65	3.37	GRD	
66	0.73	GRD	
67	13.8	GRD	
68	18.2	GRD	
69	17.9	GRD	
70	17.5	GRD	
71	15.5	GRD	
72	17.2	GRD	
73	6.32	GRD	
74	0.28	GRD	
75	3.63	GRD	
76	19.7	GRD	
77	19.5	GRD	
78	16.1	GRD	
79	16.1	GRD	
80	18	GRD	
81	0.342	GRD	
82	0.328	GRD	
83	0.341	GRD	
84	0.429	GRD	
85	0.224	GRD	
86	0.448	GRD	
87	0.35	GRD	
88	0.456	GRD	
89	0.574	GRD	
90	0.333	GRD	
91	0.288	GRD	
92	0.314	GRD	
93	0.327	GRD	
94	0.556	GRD	
95	0.483	GRD	
96	0.247	GRD	
97	0.315	GRD	
98	0.382	GRD	
99	0.91	GRD	
100	0.79	GRD	
101	0.741	GRD	
102	0.451	GRD	
103	0.165	GRD	
104	0.286	GRD	
105	0.522	GRD	
106	0.367	GRD	
107	0.357	GRD	
108	0.284	GRD	
109	0.535	GRD	
110	0.495	GRD	
111	0.523	GRD	
112	0.537	GRD	
113	0.436	GRD	
114	0.31	GRD	
115	1.48	GRD	
116	4.12	GRD	
117	2.55	GRD	
118	0.454	GRD	
119	0.299	GRD	
120	0.415	GRD	
121	0.446	GRD	
122	0.413	GRD	
123	0.477	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	0.433	GRD	
125	0.48	GRD	
126	0.336	GRD	
127	0.427	GRD	
128	0.391	GRD	
129	0.422	GRD	
130	0.39	GRD	
131	0.472	GRD	
132	0.404	GRD	
133	0.406	GRD	
134	0.364	GRD	
135	0.332	GRD	
136	0.293	GRD	
137	0.358	GRD	
138	0.337	GRD	
139	0.342	GRD	
140	0.316	FLT	
141	0.331	FLT	
142	0.408	FLT	
143	0.209	FLT	
144	0.289	FLT	
145	0.381	FLT	
146	0.388	FLT	
147	0.293	FLT	
148	1.26	FLT	
149	0.291	FLT	
150	0.58	FLT	
151	0.251	FLT	
152	0.369	FLT	
153	0.149	FLT	
154	0.262	FLT	
155	0.249	FLT	
156	0.262	FLT	
157	0.29	FLT	
158	0.395	FLT	
159	0.405	FLT	
160	0.382	FLT	
161	0.32	FLT	
162	0.257	FLT	
163	0.27	FLT	
164	0.3	FLT	
165	0.262	FLT	
166	0.284	FLT	
167	0.285	FLT	
168	0.272	FLT	
169	0.487	FLT	
170	0.334	FLT	
171	0.141	FLT	
172	0.331	FLT	
173	0.425	GRD	
174	0.475	GRD	
175	0.393	GRD	
176	0.401	GRD	
177	0.554	GRD	
178	0.378	GRD	
179	0.4	GRD	
180	0.438	GRD	
181	0.352	GRD	
182	0.441	GRD	
183	0.335	GRD	
184	0.354	GRD	
185	0.386	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	0.431	GRD	
187	0.343	GRD	
188	0.255	GRD	
189	0.338	GRD	
190	0.412	GRD	
191	0.266	GRD	
192	0.284	GRD	
193	0.468	GRD	
194	0.351	GRD	
195	1.31	GRD	
196	0.82	GRD	
197	0.481	GRD	
198	0.212	GRD	
199	0.479	GRD	
200	0.535	GRD	
201	0.533	GRD	
202	0.288	GRD	
203	0.495	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381828	6889979	1317.56	166.12

ZONE: Western BRX

SECTION:

HOLE: KL-14-147

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 7.62m, Out

Drilling Dates: Jun 15 - Jun 18, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
13.71	36	-50	Reflex
166.12	39	-50.2	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	6.35	4.83	GRD
6.35	25.96	19.61	GRD
25.96	34.3	8.34	GRD
34.3	41.78	7.48	GRD
41.78	79.8	38.02	GRD
79.8	104.15	24.35	GRD
104.15	105.31	1.16	QFP
105.31	118.88	13.57	GRD
118.88	119.49	0.61	QFP
119.49	139.82	20.33	GRD
139.82	145.08	5.26	QFP
145.08	166.12	21.04	GRD

SAMPLES	
Numbers:	Q016312 to Q016357, Q016758 to Q016764, Q927450 to Q927459
Total:	68
Batch:	010, 014, 024, 099, 101
Certificates:	WH14093786, WH14095623, WH14096679, WH14111988, WH14111989

COMMENTS

Box Log

KL-14-147

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	7.8
2	7.8	13.15
3	13.15	17.95
4	17.95	23.7
5	23.7	28.96
6	28.96	34.61
7	34.61	39.92
8	39.92	45.47
9	45.47	50.78
10	50.78	56.39
11	56.39	61.66
12	61.66	66.76
13	66.76	71.79
14	71.79	77.37
15	77.37	82.89
16	82.89	88.45
17	88.45	93.67
18	93.67	99.06
19	99.06	104.15
20	104.15	109.57
21	109.57	114.3
22	114.3	119.38
23	119.38	124.25
24	124.25	129.35
25	129.35	134.75
26	134.75	139.9
27	139.9	144.76
28	144.76	149.6
29	149.6	154.55
30	154.55	159.65
31	159.65	164.97
32	164.97	166.12

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-147									
	9.74	14.8	NQ2	GRD	840.2	519.5	2.67	2.6	Moderate phyllic altered granodiorite with strongly silicified and moderately oxidized around fracture surfaces, a 15 degree calcite veinlet and two 60 degree calcite veinlets
	41.47	11.1	NQ2	GRD	638.6	417.8	2.71	2.9	Trace phyllic altered and strongly silicified carbonate breccia framed by 60 degree smokey and milky quartz veins hosting blebby and disseminated pyrite. Core is weakly oxidized, most strongly beside
	42.8	14	NQ2	GRD	759.1	478	2.55	2.7	Trace phyllic altered granodiorite with trace pottasic, weak propalytic and strongly silicified
	104.63	10.5	NQ2	QFP	823.7	515.5	3.69	2.7	Moderate phyllic altered quartz feldspar dyke with 30 degree 1mm veinlet
	110.87	15.4	NQ2	GRD	644.4	430.5	1.97	3.0	Half moderate phyllic altered granodiorite with strong silification. Half 60 degree quartz carbonagte vein displaying mossy, cocade and zoned textures, blebby and disseminated pyrite , arsenopyrite and chalcopyrite hosted in smokey quartz veinlets

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	141.48	11.2	NQ2	QFP	532.5	320.7	2.24	2.5	Dark purple brecciated quartz feldspar dyke with blebs and discontinuous 5 degree 3mm calcite veinlets
	147.25	14.4	NQ2	GRD	845	578.3	2.76	3.2	Strongly silicified mineralized carbonate vein with blebby Galena, Sphalerite and blebby and semi-massive Pyrite. Zoning textures present throughout.
	149.6	15	NQ2	GRD	1028.7	731.5	3.23	3.5	Mod silicified breccia carbonate vein with semi massive ankerite and galena and blebby Ankerite, Galena and Pyrite. Banded veins of galena and holocrystalline and well formed Calcite present.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	6.35	4.83	GRD	MG	Earthy, fractured, strongly oxidized. Poor recovery.							
						MD	BN	RB	OXI	4I		
6.35	22.72	16.37	GRD	MG	Granodiorite with moderate pervasive oxidation and silicia overprint. Patchy weak propylitic, argillic, patchy trace phyllic and potassic alterations. Oxidation is mainly on fractures, with stronger staining in gouge and clay altered zones. Gouge on some fracture faces. Cut by sheeted chlorite stringers between 8.15-9.60m. Low angle smoky quartz veinlets between 14.8-15.0m, and white calcite veins between 20.0-21.5m.							
						MD	BN	PO	OXI	3I		
						MD	GY	PA	SIL	3I		
									PRO	2I		
									ARG	2I		
									PHC	1I		
									POT	1I		
22.72	25.96	3.24	GRD	MG	Dark green-grey granodiorite with strong propylitic alteration nearly obscuring primary crystal textures. Cut by 80 TCA quartz-calcite veins.							
						DK	GN	PO	OXI	2I		
						DK	GY		PRO	4I		
									ARG	1I		
									SIL	2I		
25.96	34.30	8.34	GRD	MG	Relatively unaltered granodiorite with weak pervasive propylitic/silicification, patchy trace oxidation/potassic/argillic/phyllic. Oxides mainly on fracture faces.							
						MD	GY	PO	OXI	1I		
								PA	SIL	2I		
									PRO	2I		
									POT	1I		
									ARG	1I		
									PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
34.30	41.78	7.48	GRD	MG	Granodiorite with moderate overprinting phyllic and argillic from vein halos. Patchy potassic in argillic and trace oxidation on fracgtures. Crosscut by mineralized quartz-calcite veins hosting pyrite. Cut by a black quartz breccia at 41.00-41.58m.							
						MD	GY		OXI	1I		
						LT	GN	PA	PHC	3I		
									ARG	3I		
									POT	1I		
41.78	79.80	38.02	GRD	MG	Relatively unaltered granodiorite with weak pervasive propylitic/silicification. Patchy trace oxidation, potassic, argillic, and phyllic alterations. Oxides are mainly on fracture faces.							
						MD	GY		OXI	1I		
									PHC	1I		
									SIL	2I		
									PRO	2I		
									POT	1I		
									ARG	1I		
79.80	104.15	24.35	GRD	MG	Granodiorite with weak-moderate pervasive propylitic alteration, overprinted by phyllic and argillic vein halos. Pathcy weak potassic and silicification variably overprint other alterations. Potassic usually overprints argillic, and silicification is more common near veins. Kmost veins host sulphides (blebby pyrite/sphalerite). Veins tend to be white-smoky quartz-carbonates. Vein halos often overprint one another. Veins are rich, but widely spaced, inhibiting grade. No increased vein density near quartz feldspar porphyry contact.							
						MD	GY	PA	SIL	2I		
						MD	GN		PRO	3I		
						LT	GN		ARG	3I		
						LT	PK		PHC	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
104.15	105.31	1.16	QFP	FG	Quartz feldspar porphyry dyke with dark olive groundmass and medium-sized pale green altered phenocrysts. Weak-moderate hydrothermal alteration and silicification throughout. Clay alteration and gouge at granodiorite contacts.							
						LT	GN		HYD	2I		
						DK	OL	PO	SIL	2I		
105.31	111.38	6.07	GRD	MG	Weak pervasive propylitic alteration with overprinting patchy potassic and silicification. Patchy to vein-associated phyllic and argillic alteration due to vein halos. Halos variably overprint on another.							
						MD	GY	PO	SIL	1I	Py	1
						MD	GN	PA	POT	1I		
						LT	GY		ARG	2I		
						LT	GN		PHC	2I		
									PRO	2I		
111.38	113.70	2.32	GRD	MG	Granodiorite with fractures and gouge, with moderate clay alteration. Some propylitic, argillic, and potassic remaind. Phyllic is from vein halos. Fine disseminated pyrite in much of the phyllic and some gouge.							
						MD	GN	FR	CLY	3I	Py	3
						LT	GN	RB	PRO	3I		
						LT	PK		PHC	2I		
									ARG	2I		
113.70	118.88	5.18	GRD	MG	Weak pervasive propylitic alteration with overprinting patchy silicification. Patchy to vein-associated phyllic and argillic alteration due to vein halos. Halos variably overprint on another, leading to strong phyllic alteration overall. No increase in veining leading to the quartz feldspar prophyry contact.							
						MD	GN	PO	SIL	1I		
						MD	GY		PHC	3I		
						LT	GN		PRO	2I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
118.88	119.49	0.61	QFP	FG	Moderate hydrothermally altered quartz feldspar prophyry dyke with limited flow banding, mainly near contacts. Very similar to the dyke at 121.68-122.00m, but different from the dyke at 104.15-105.31m.							
						MD	GN	PO	HYD	3I		
						LT	GN					
119.49	121.68	2.19	GRD	MG	Granodiorite dominated by moderate phyllic and argillic from overprinting vein halos. Veins tend to be quartz-carbonate, with weaker mineralization than at 79.80-104.15m. Veins typically host blebby pyrite.							
						MD	GY	PO	SIL	2I		
						MD	GN	PA	ARG	3I		
						LT	GN		PRO	2I		
						LT	PK		POT	1I		
									PHC	3I		
121.68	122.00	0.32	QFP	FG	Moderate hydrothermally altered quartz feldspar porphyry dyke with limited flow banding.							
						MD	GN	FL	HYD	3I		
						LT	GN		CLY	1I		
122.00	139.82	17.82	GRD	MG	Pervasive phyllic-argillic, with some patchy propylitic and trace potassic. Weak patchy silicification. Cut by few mineralized veins near quartz feldspar porphyry dyke contact.							
						MD	GN	PA	POT	1I		
						LT	GN	PO	SIL	2I		
									ARG	3I		
									PHC	4I		
									PRO	2I		
139.82	145.08	5.26	QFP	FG	Light green quartz feldspar porphyry dyke with central dark pink section (141-142.6m). Moderate pervasive hydrothermal alteration. Chilled contacts and gouge at lower contact.							
						LT	GN	RB	HYD	3I		
						DK	PK					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
145.08	150.60	5.52	GRD	MG	BRX vein zone. Gouge and breccia near quartz feldspar porphyry dyke contact. Cut by black quartz breccia at 145.62-145.72m, with high pyrite content in quartz. Veining is dominated by white-massive quartz with massive pyrite. All vein featured are variably brecciated. Early ankerite veins were brecciated by the main quartz-pyrite mineralizing phase. Ankerite clasts show banded-colloform textures. Other sulphides include: blebby honey brown sphalerite, fine bladed arsenopyrite, blebby-banded-massive galena, and blebby-interstitial chalcopyrite (interstitial to pyrite). Calcite is found in crosscutting veins and interstitially within quartz-pyrite.							
						MD	GY	BX	SIL	2I	Py	10
						MD	BR		PHC	3I	As	1
						LT	GN		CLY	1I	Gn	2
150.60	158.00	7.40	GRD	MG	Granodiorite with pervasive argillic, patchy moderate phyllic, and patchy weak silicification. Clay on fracture faces. Cut by rare carbonate veinlets and dark quartz stringers.							
						LT	GY	PO	SIL	2I		
						LT	GN	PA	ARG	3I		
									PHC	3I		
									CLY	1I		
158.00	166.12	8.12	GRD	MG	Moderate pervasive propylitic with patchy weak potassic and silicification. Vein halos are phyllic, grading out into argillic. Crosscut by white-smoky quartz-calcite veinlets with disseminated pyrite. EOH							
						MD	GY	PO	SIL	2I		
						MD	GN	PA	PRO	3I		
									ARG	1I		
									POT	2I		
									PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	6.35	4.83	GRD	MG	Earthy, fractured, strongly oxidized. Poor recovery.							
								PB				
						MD	BN	RB	OXI	4I		
6.35	25.96	19.61	GRD	MG	Granodiorite with moderate pervasive oxidation and silicia overprint. Patchy weak propylitic, argillic, patchy trace phyllic and potassic alterations. Oxidation is mainly on fractures, with stronger staining in gouge and clay altered zones. Gouge on some fracture faces. Cut by sheeted chlorite stringers between 8.15-9.60m. Low angle smoky quartz veinlets between 14.8-15.0m, and white calcite veins between 20.0-21.5m.							
						MD	GY	PO	SIL	3I		
									PRO	2I		
									ARG	2I		
									PHC	1I		
									POT	1I		
						MD	BN	PA	OXI	3I		
25.96	34.30	8.34	GRD	MG	Relatively unaltered granodiorite with weak pervasive propylitic/silicification, patchy trace oxidation/potassic/argillic/phyllic. Oxides mainly on fracture faces.							
								PA	SIL	2I		
									PHC	1I		
									ARG	1I		
									PRO	2I		
						MD	GN	PO	OXI	1I		
									POT	1I		
34.30	41.78	7.48	GRD	MG	Granodiorite with moderate overprinting phyllic and argillic from vein halos. Patchy potassic in argillic and trace oxidation on fracgtures. Crosscut by mineralized quartz-calcite veins hosting pyrite. Cut by a black quartz breccia at 41.00-41.58m.							
									PHC	3I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PO	OXI	1I		
						MD	GY	PA	ARG	3I		
41.78	79.80	38.02	GRD	MG	Relatively unaltered granodiorite with weak pervasive propylitic/silicification. Patchy trace oxidation, potassic, argillic, and phyllic alterations. Oxides are mainly on fracture faces.							
						MD	GY	PA	OXI	1I		
								PO	SIL	2I		
									PRO	2I		
									ARG	1I		
									PHC	1I		
79.80	104.15	24.35	GRD	MG	Granodiorite with weak-moderate pervasive propylitic alteration, overprinted by phyllic and argillic vein halos. Pathcy weak potassic and silicification variably overprint other alterations. Potassic usually overprints argillic, and silicification is more common near veins. Kmost veins host sulphides (blebby pyrite/sphalerite). Veins tend to be white-smoky quartz-carbonates. Vein halos often overprint one another. Veins are rich, but widely spaced, inhibiting grade. No increased vein density near quartz feldspar porphyry contact.							
									POT	2I		
						MD	GY	PO	SIL	2I		
						MD	GN	PA	PRO	3I		
						LT	GY		PHC	3I		
						LT	GN		ARG	3I		
104.15	105.31	1.16	QFP	FG	Quartz feldspar porphyry dyke with dark olive groundmass and medium-sized pale green altered phenocrysts. Weak-moderate hydrothermal alteration and silicification throughout. Clay alteration and gouge at granodiorite contacts.							
						DK	OL		SIL	2I		
									HYD	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
105.31	118.88	13.57	GRD	MG	Weak pervasive propylitic alteration with overprinting patchy potassic and silicification. Patchy to vein-associated phyllic and argillic alteration due to vein halos. Halos variably overprint on another, leading to strong phyllic alteration overall. Zone of fracturing at 111.4-113.7m. Weak clay alteration in fracture zone.							
						MD	GY	PO	SIL	1I	Py	1
						MD	GN	PA	PHC	4I		
						LT	GN		PRO	2I		
						LT	PK		POT	1I		
									CLY	2I		
									ARG	2I		
118.88	119.49	0.61	QFP	FG	Moderate hydrothermally altered quartz feldspar prophyry dyke with limited flow banding, mainly near contacts. Very similar to the dyke at 121.68-122.00m, but different from the dyke at 104.15-105.31m.							
						LT	GN					
						MD	GN	FL	HYD	3I		
119.49	139.82	20.33	GRD	MG	Granodiorite dominated by moderate phyllic and argillic from overprinting vein halos. Veins tend to be quartz-carbonate, with weaker mineralization than at 79.80-104.15m. Veins typically host blebby pyrite. Cut by narrow quartz feldspar porphyry dyke, likely due to interfingering.							
									PHC	3I		
						LT	PK		POT	1I		
						LT	GN		PRO	2I		
						MD	GY	PO	SIL	2I		
						MD	GN	PA	ARG	3I		
139.82	145.08	5.26	QFP	FG	Light green quartz feldspar porphyry dyke with central dark pink section (141-142.6m). Moderate pervasive hydrothermal alteration. Chilled contacts and gouge at lower contact.							
						LT	GN	RB	HYD	3I		
						DK	PK					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
145.08	166.12	21.04	GRD	MG	Granodiorite with patchy/vein-associated argillic, phyllic, propylitic, potassic, and silica alteration. Potassic is found in argillic and propylitic alterations. This interval includes the main BRX vein zone of this hole, with extensive sulphide mineralization. EOH							
									PRO	2I		
						MD	GY	PO	SIL	2I	Py	3
						MD	GN	PA	ARG	2I		
									PHC	2I		
									POT	1I		

KL-14-147

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	1.53	50	0.12	4	--	1H	5W	
4.57	7.62	3.05	2.22	73	1.08	35	--	2H	4W	
7.62	10.67	3.05	2.82	92	2.12	70	--	4H	2W	
10.67	13.72	3.05	2.61	86	1.17	38	--	4H	3W	
13.72	16.76	3.04	2.81	92	1.58	52	--	2H	1W	
16.76	19.81	3.05	2.77	91	1.59	52	--	3H	3W	
19.81	22.86	3.05	2.9	95	1.74	57	--	3H	2W	
22.86	25.91	3.05	2.93	96	1.67	55	--	3H	2W	
25.91	28.96	3.05	2.92	96	2.21	72	--	4H	2W	
28.96	32.00	3.04	3.04	100	2.75	90	--	4H	2W	
32.00	35.05	3.05	2.94	96	2.84	93	--	4H	1W	
35.05	38.10	3.05	2.05	67	2.02	66	--	4H	2W	
38.10	41.15	3.05	2.99	98	2.31	76	--	4H	2W	
41.15	44.20	3.05	2.83	93	2.51	82	--	4H	1W	
44.20	47.24	3.04	2.93	96	2.30	76	--	4H	2W	
47.24	50.29	3.05	2.98	98	2.20	72	--	4H	2W	
50.29	53.34	3.05	2.87	94	2.28	75	--	4H	1W	
53.34	56.39	3.05	2.92	96	2.71	89	--	4H	1W	
56.39	59.44	3.05	2.9	95	2.05	67	--	4H	1W	
59.44	62.48	3.04	2.95	97	2.29	75	--	4H	1W	
62.48	65.53	3.05	2.54	83	1.53	50	--	4H	1W	
65.53	68.58	3.05	3.03	99	2.00	66	--	4H	1W	
68.58	71.63	3.05	2.95	97	2.49	82	--	4H	1W	
71.63	74.68	3.05	2.89	95	2.39	78	--	4H	1W	
74.68	77.72	3.04	3.04	100	2.03	67	--	4H	1W	
77.72	80.77	3.05	3	98	2.64	87	--	4H	1W	
80.77	83.82	3.05	3.01	99	2.45	80	--	4H	1W	
83.82	86.87	3.05	2.93	96	2.16	71	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.91	95	2.22	73	--	4H	1W	
89.92	92.96	3.04	3.03	100	2.53	83	--	4H	1W	
92.96	96.01	3.05	3.05	100	3.01	99	--	4H	1W	
96.01	99.06	3.05	2.96	97	2.80	92	--	4H	1W	
99.06	102.11	3.05	2.96	97	1.93	63	--	4H	1W	
102.11	105.16	3.05	3.03	99	2.50	82	--	4H	1W	
105.16	108.20	3.04	2.93	96	2.59	85	--	4H	1W	
108.20	111.25	3.05	2.9	95	2.08	68	--	4H	1W	
111.25	114.30	3.05	2.61	86	2.58	85	--	4H	1W	
114.30	117.35	3.05	2.82	92	1.45	48	--	4H	1W	
117.35	120.40	3.05	2.75	90	1.59	52	--	4H	1W	
120.40	123.44	3.04	2.97	98	1.52	50	--	4H	1W	
123.44	126.49	3.05	3.03	99	2.14	70	--	4H	1W	
126.49	129.54	3.05	2.95	97	1.91	63	--	4H	1W	
129.54	132.59	3.05	3.05	100	2.65	87	--	4H	1W	
132.59	135.64	3.05	2.81	92	2.60	85	--	4H	1W	
135.64	138.68	3.04	3.04	100	2.48	82	--	4H	1W	
138.68	141.73	3.05	2.91	95	2.40	79	--	4H	1W	
141.73	144.78	3.05	2.68	88	0.39	13	--	3H	1W	
144.78	147.83	3.05	2.68	88	1.45	48	--	3H	1W	
147.83	150.88	3.05	3.03	99	2.47	81	--	4H	1W	
150.88	153.92	3.04	2.94	97	2.19	72	--	4H	1W	
153.92	156.97	3.05	2.97	97	1.17	38	--	3H	1W	
156.97	160.02	3.05	3.04	100	1.76	58	--	4H	1W	
160.02	163.07	3.05	3.01	99	2.78	91	--	4H	1W	
163.07	166.12	3.05	3.05	100	2.88	94	--	4H	1W	EOH

KL-14-147

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
6	0.201	GRD	
7	0.933	GRD	
8	0.33	GRD	
9	0.365	GRD	
10	0.305	GRD	
11	0.336	GRD	
12	12.1	GRD	
13	8.88	GRD	
14	15.6	GRD	
15	0.504	GRD	
16	0.381	GRD	
17	0.697	GRD	
18	0.593	GRD	
19	0.518	GRD	
20	0.409	GRD	
21	0.373	GRD	
22	0.438	GRD	
23	0.393	GRD	
24	0.904	GRD	
25	0.513	GRD	
26	6.72	GRD	
27	0.48	GRD	
28	7.05	GRD	
29	0.452	GRD	
30	4.28	GRD	
31	9.68	GRD	
32	12.5	GRD	
33	17.8	GRD	
34	8.4	GRD	
35	0.364	GRD	
36	0.529	GRD	
37	0.262	GRD	
38	0.534	GRD	
39	5.17	GRD	
40	0.566	GRD	
41	0.48	GRD	
42	11.7	GRD	
43	0.755	GRD	
44	2.9	GRD	
45	15.9	GRD	
46	11.7	GRD	
47	11.3	GRD	
48	14.9	GRD	
49	16.3	GRD	
50	16.5	GRD	
51	8.44	GRD	
52	16.2	GRD	
53	19.4	GRD	
54	16.7	GRD	
55	0.509	GRD	
56	0.564	GRD	
57	16.8	GRD	
58	13.4	GRD	
59	0.776	GRD	
60	18.3	GRD	
61	18.5	GRD	
62	1.76	GRD	
63	0.593	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
64	18	GRD	
65	15.6	GRD	
66	16.6	GRD	
67	11.1	GRD	
68	0.868	GRD	
69	4.22	GRD	
70	18.5	GRD	
71	18.7	GRD	
72	5.78	GRD	
73	17.6	GRD	
74	12.3	GRD	
75	15.4	GRD	
76	14.8	GRD	
77	17.9	GRD	
78	0.471	GRD	
79	16.3	GRD	
80	0.513	GRD	
81	0.511	GRD	
82	4.53	GRD	
83	0.465	GRD	
84	1.5	GRD	
85	0.688	GRD	
86	1.37	GRD	
87	16.1	GRD	
88	0.284	GRD	
89	0.644	GRD	
90	3.8	GRD	
91	0.368	GRD	
92	1.58	GRD	
93	1.66	GRD	
94	11.8	GRD	
95	0.492	GRD	
96	18.2	GRD	
97	0.481	GRD	
98	0.491	GRD	
99	0.689	GRD	
100	1.85	GRD	
101	1.33	GRD	
102	7.06	GRD	
103	0.514	GRD	
104	0.449	GRD	
105	0.538	QFP	
106	8.7	GRD	
107	16.7	GRD	
108	18	GRD	
109	6.42	GRD	
110	2.86	GRD	
111	0.312	GRD	
112	0.32	GRD	
113	0.594	GRD	
114	0.42	GRD	
115	0.333	GRD	
116	0.312	GRD	
117	0.276	GRD	
118	0.608	GRD	
119	0.286	QFP	
120	0.498	GRD	
121	0.558	GRD	
122	0.191	GRD	
123	0.291	GRD	
124	0.291	GRD	
125	0.399	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
126	0.395	GRD	
127	5.05	GRD	
128	0.35	GRD	
129	0.45	GRD	
130	0.5	GRD	
131	0.377	GRD	
132	0.315	GRD	
133	0.319	GRD	
134	0.363	GRD	
135	0.4	GRD	
136	0.649	GRD	
137	0.386	GRD	
138	3.57	GRD	
139	0.461	GRD	
140	0.379	QFP	
141	0.363	QFP	
142	0.387	QFP	
143	0.131	QFP	
144	0.324	QFP	
145	0.225	QFP	
146	0.062	GRD	
147	0.033	GRD	
148	0.352	GRD	
149	0.176	GRD	
150	0.263	GRD	
151	0.858	GRD	
152	1.45	GRD	
153	0.371	GRD	
154	0.561	GRD	
155	0.381	GRD	
156	0.65	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
157	0.502	GRD	
158	1.09	GRD	
159	0.591	GRD	
160	13.6	GRD	
161	19.9	GRD	
162	13	GRD	
163	0.492	GRD	
164	9.08	GRD	
165	0.719	GRD	
166	1.59	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381883	6889938	1326.12	213.36

ZONE: Western BRX

SECTION:

HOLE: KL-14-148

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 9.14m, Out

Drilling Dates: Jun 16 - Jun 18, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
13.71	33.6	-48.8	Reflex
211.83	39	-50.6	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.2	3.2	CAS
3.2	9.14	5.94	GRD
9.14	41.8	32.66	GRD
41.8	75.11	33.31	GRD
75.11	82.26	7.15	GRD
82.26	99.75	17.49	GRD
99.75	121.32	21.57	GRD
121.32	123.11	1.79	GRD
123.11	125.73	2.62	GRD
125.73	130.99	5.26	QFP
130.99	166.8	35.81	GRD
166.8	194.97	28.17	GRD
194.97	205.41	10.44	QFP
205.41	213.36	7.95	GRD

SAMPLES	
Numbers:	Q016359 to Q016406, Q016765
Total:	54
Batch:	017, 019, 024
Certificates:	WH14096678, WH14096679, WH14099437

COMMENTS
last 5' of hole not tested

Box Log

KL-14-148

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.2	5.75
2	5.75	10.67
3	10.67	15.15
4	15.15	20.4
5	20.4	25.62
6	25.62	30.81
7	30.81	36.38
8	36.38	42.11
9	42.11	47.13
10	47.13	52.27
11	52.27	57.38
12	57.38	62.88
13	62.88	66.9
14	66.9	72.1
15	72.1	77.72
16	77.72	84.3
17	84.3	89.7
18	89.7	94.55
19	94.55	99.33
20	99.33	104.51
21	104.51	109.26
22	109.26	114.3
23	114.3	119.45
24	119.45	124.5
25	124.5	129.8
26	129.8	135.13
27	135.13	140.5
28	140.5	145.81
29	145.81	150.88
30	150.88	156.43

Box Number	From (m)	To (m)
31	156.43	161.8
32	161.8	167.1
33	167.1	172.35
34	172.35	177.51
35	177.51	182.6
36	182.6	187.57
37	187.57	193.05
38	193.05	198.37
39	198.37	203.82
40	203.82	208.79
41	208.79	213.36

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-148									
	26.06	14.9	NQ2	GRD	798.9	498.5	2.52	2.7	Moderate propylitic altered granodiorite with weak hematite and moderate silicification. High frequency of crosscutting calcite and quartz veins with stronger hematite staining.
	56.74	15.1	NQ2	GRD	762.2	452.7	2.38	2.5	Weak potassic altered granodiorite with moderate argillic overprint.
	122.87	12.9	NQ2	GRD	612.2	365.6	2.23	2.5	Moderate argillic altered granodiorite with moderate-strong hematite overprint. Crosscut by white massive calcite veinlet.
	131.84	16.1	NQ2	GRD	943.1	607.4	2.76	2.8	Weak phyllic altered granodiorite overprinted by propalytic alteration and silicification with disseminated pyrite
	210.2	18.8	NQ2	GRD	1286.9	884.4	3.22	3.2	Massive quartz, calcite, ankerite vein with massive blebby pyrite and galena (blebby and disseminated)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.20	9.14	5.94	GRD	MG	30 ft casing. Rubbly recovery, with patchy silicification, moderate oxidation, moderate pervasive propylitic, and patchy weak argillic. Some fractures have slickensides. Oxides and hematite staining on most fracture faces. Propylitic leads to high chlorite content and medium green colour. Patchy-pervasive hematite gives a dark purple colour. Crosscut by chlorite stringers. Similar alteration style as seen in BYG (2012 drill hole intercepts).							
						MD	BN	RB	OXI	3I	He	5
						MD	GN	PO	SIL	2I	Li	3
								PA	PRO	3I		
									HEM	3I		
									ARG	2I		
9.14	22.86	13.72	GRD	MG	Very rubbly recovery, with patchy silicification, moderate oxidation, moderate pervasive propylitic, and patchy weak argillic. Some fractures have slickensides. Oxides and hematite staining on most fracture faces. Propylitic leads to high chlorite content and medium green colour. Patchy-pervasive hematite gives a dark purple colour. Crosscut by chlorite stringers. Similar alteration style as seen in BYG (2012 drill hole intercepts).							
						MD	PU	RB	PRO	3I		
						MD	GN	PA	SIL	2I	Li	3
						LT	BN	PO	OXI	2I	He	5
									ARG	1I		
									HEM	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
22.86	41.80	18.94	GRD	MG	Granodiorite with patchy silicification, moderate oxidation, moderate pervasive propylitic, and patchy weak argillic. Some fractures have slickensides. Oxides and hematite staining on most fracture faces. Propylitic leads to high chlorite content and medium green colour. Patchy-pervasive hematite gives a dark purple colour. Crosscut by chlorite stringers. Similar alteration style as seen in BYG (2012 drill hole intercepts).							
						MD	GN	PA	SIL	2I	Li	3
						MD	PU		PRO	3I		
						LT	BN	PO	OXI	2I	He	5
									HEM	3I		
									ARG	1I		
41.80	54.40	12.60	GRD	MG	Pervasive moderate phyllic with patchy moderate silicification and patchy weak argillic alteration. Trace oxidation on fractures. Weak clay alteration on fractures and in gouge. Cut by rare chlorite stringers, massive quartz veinlets, and some gouge.							
						LT	GY	RB	SIL	3I		
						LT	GN	PO	OXI	1I	Li	1
									POT	1I		
									PHC	3I		
									ARG	1I		
									CLY	2I		
54.40	56.39	1.99	GRD	MG	Gouge zone with phyllic alteration.							
						LT	GY	PB	PHC	2I		
									CLY	4I		
56.39	58.55	2.16	GRD	MG	Competent recovery with weak-moderate argillic and weak potassic alteration.							
						MD	PK	PO	ARG	2I		
						LT	WH		POT	2I		
58.55	75.11	16.56	GRD	MG	Pervasive moderate phyllic, patchy moderate argillic, weak potassic (in argillic zones), and weak patchy propylitic alterations. Crosscut by aplite dyklets, calcite-quartz veinlets, and pyrite-bearing smoky quartz near the end of the interval.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PA	PHC	3I		
						LT	GN	PO	SIL	2I		
						LT	PK		ARG	3I		
									POT	2I		
									PRO	2I		
75.11	82.26	7.15	GRD	MG	Rubbly, very crumbled and fractured zone of moderate propylitic altered granodiorite with trace potassic. Weak clay on broken pieces. Very poor recovery in this interval. Cut by rare aplite dyklets and calcite veinlets.							
						MD	GY	PO	PRO	3I		
						MD	GN	PA	POT	1I		
									CLY	2I		
82.26	99.75	17.49	GRD	MG	Fractured granodiorite with clay alteration on broken surfaces. Some fracture surfaces have hematite staining and chlorite-rich pervasive moderate propylitic alteration. Patchy argillic/phyllic, trace patchy silicification, and hematite alterations are present.							
						MD	GN	PO	SIL	1I		
						MD	GY	PA	PRO	3I		
								RB	ARG	2I		
								FR	CLY	2I		
									PHC	2I		
									HEM	1I		
99.75	121.32	21.57	GRD	MG	Granodiorite showing overprinting of phyllic to argillic to propylitic vein halos. Trace potassic can be found in propylitic and argillic alterations. Patchy trace to fracture-associated hematite alteration gives a purple colour. Patchy moderate silicification. Cut by several white-smoky quartz veinlets with blebby pyrite.							
						MD	GY	PO	SIL	3I		
						MD	PU		PRO	3I		
						LT	GN	PA	PHC	2I		
						LT	PK		ARG	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									HEM	1I		
121.32	123.11	1.79	GRD	MG	Strong pervasive hematite alteration, strong enough to obscure primary crystal textures. Core has a strong maroon colour.							
						LT	GN		PHC	2I		
						DK	MR		HEM	4I		
123.11	125.73	2.62	GRD	MG	Granodiorite with moderate phyllic and patchy propylitic with sharp bottom contact (30 TCA) with quartz feldspar porphyry dyke. Strong smoky quartz with pyrite veining near contact.							
						MD	GY		PHC	3I		
						LT	GN	PO	SIL	1I		
									PRO	1I		
125.73	130.99	5.26	QFP	FG	Quartz feldspar porphyry dyke with main tan colour. Appears to be 3 different phases of dykes, based on undulatory contacts at distinct colour changes. Dark maroon and light green are secondary colour variations.							
						MD	TN		SIL	2I		
						LT	GN					
						DK	MR		HYD	4I		
130.99	166.80	35.81	GRD	MG	Granodiorite with patchy weak argillic and patchy trace potassic. Pervasive moderate phyllic is the dominant alteration style. Stronger quartz-calcite-pyrite veining near the quartz feldspar porphyry contact. Veins are wider and vuggy until 135m. Patchy moderate silica flooding, more intense near the quartz feldspar porphyry vein zone. Fairly uniform alteration over this interval.							
						MD	GY		ARG	2I		
						LT	GN	PO	SIL	3I		
						LT	GY	PA	PHC	3I		
									POT	1I		
166.80	169.50	2.70	GRD	MG	Weakly clay altered granodiorite. Strong pervasive argillic with trace patchy potassic are dominant. Rubbly, crumbled recovery.							
						LT	GY	RB	ARG	4I		
						LT	PK	PO	CLY	2I		
						LT	GN		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
169.50	179.37	9.87	GRD	MG	Strongly coloured alterations. Mainly moderate pervasive propylitic with patchy moderate hematite staining. Phyllic-argillic make up vein halos, with patchy trace potassic overprint. Patchy weak silicification gives a spotted appearance. Netted chlorite stringers at 35 TCA, 50 TCA, and 70 TCA. Cut by calcite-quartz veinlets at 60 TCA.							
						MD	GN	PO	SIL	2I		
						LT	GN	PA	HEM	3I		
						DK	MR	NE	PHC	2I		
									POT	1I		
									ARG	2I		
									PRO	3I		
179.37	181.07	1.70	GRD	MG	Moderate argillic with weak pervasive phyllic overprint, patchy trace potassic, and weak patchy silicification. Cut by 60 TCA quartz-ca veinlets with blebby pyrite.							
						LT	GN	PO	SIL	2I		
									PHC	2I		
									ARG	3I		
									POT	1I		
181.07	194.97	13.90	GRD	MG	Strongly coloured alterations. Mainly moderate pervasive propylitic with patchy moderate hematite staining. Phyllic-argillic make up vein halos, with patchy trace potassic overprint. Patchy weak silicification gives a spotted appearance. Netted chlorite stringers at 35 TCA, 50 TCA, and 70 TCA. Cut by calcite-quartz veinlets at 60 TCA. Veining near quartz feldspar porphyry contact.							
						MD	GN	PO	SIL	2I		
						LT	GN	PA	HEM	3I		
						DK	MR	NE	PHC	2I		
									PRO	3I		
									ARG	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
194.97	205.41	10.44	QFP	FG	Sharp top contact (70 TCA), gouged bottom contact. Colour changes at 198.81m. Dyke above 198.81m is grey-green, dyke below is tan. Mineralization and gouge separate the two colours of dyke. This is the first instance of mineralized quartz feldspar porphyry dyke in drill core this year. Moderate silicification and hydrothermal alteration.							
						MD	GY		HYD	3I		
						MD	TN					
						LT	GN		SIL	3I		
205.41	213.36	7.95	GRD	MG	Granodiorite with dominant propylitic, chlorite, hematite, and silica alterations. Phyllic-argillic alteration is found in vein halos and near quartz feldspar porphyry contact. Crosscut by netted chlorite stringers. Stronger veining near quartz feldspar porphyry dyke. Interval hosts main BRX vein in this hole at 210.20-210.46m. Cut by white quartz veins with blebby pyrite and sphalerite. EOH							
						MD	GY	PO	SIL	3I	Py	1
						MD	GN	MO	PHC	2I		
									HEM	2I		
									PRO	2I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.20	9.14	5.94	GRD	MG	30 ft casing. Rubbly recovery, with patchy silicification, moderate oxidation, moderate pervasive propylitic, and patchy weak argillic. Some fractures have slickensides. Oxides and hematite staining on most fracture faces. Propylitic leads to high chlorite content and medium green colour. Patchy-pervasive hematite gives a dark purple colour. Crosscut by chlorite stringers. Similar alteration style as seen in BYG (2012 drill hole intercepts).							
						MD	BN	RB	OXI	3I	He	5
						MD	GN	PO	SIL	2I	Li	3
								PA	PRO	3I		
									HEM	3I		
									ARG	2I		
9.14	41.80	32.66	GRD	MG	Rubbly recovery, with patchy silicification, moderate oxidation, moderate pervasive propylitic, and patchy weak argillic. Some fractures have slickensides. Oxides and hematite staining on most fracture faces. Propylitic leads to high chlorite content and medium green colour. Patchy-pervasive hematite gives a dark purple colour. Crosscut by frequent chlorite stringers (>20 per metre). Similar alteration style as seen in BYG (2012 drill hole intercepts).							
									HEM	3I		
						LT	BN	PO	OXI	2I	He	5
						MD	PU		PRO	3I		
									ARG	1I		
						MD	GN	PA	SIL	2I	Li	3
41.80	75.11	33.31	GRD	MG	Pervasive moderate phyllic with patchy moderate silicification and patchy weak argillic alteration. Trace oxidation on fractures. Weak clay alteration on fractures and in gouge. Cut by rare chlorite stringers, massive quartz veinlets, and some gouge.							
						LT	GN	RB	OXI	1I	Li	1
						LT	GY	PO	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	3I		
									ARG	1I		
									CLY	2I		
									POT	1I		
75.11	82.26	7.15	GRD	MG	Rubbly, very crumbled and fractured zone of moderate propylitic altered granodiorite with trace potassic. Weak clay on broken pieces. Very poor recovery in this interval. Cut by rare aplite dyklets and calcite veinlets.							
						MD	GN	PA	POT	1I		
									CLY	2I		
						MD	GY	PO	PRO	3I		
82.26	99.75	17.49	GRD	MG	Fractured granodiorite with clay alteration on broken surfaces. Some fracture surfaces have hematite staining and chlorite-rich pervasive moderate propylitic alteration. Patchy argillic/phyllic, trace patchy silicification, and hematite alterations are present.							
						MD	GN	PO	SIL	1I		
						MD	GY	PA	PRO	3I		
								FR	CLY	2I		
								RB	ARG	2I		
									PHC	2I		
									HEM	1I		
99.75	121.32	21.57	GRD	MG	Granodiorite showing overprinting of phyllic to argillic to propylitic vein halos. Trace potassic can be found in propylitic and argillic alterations. Patchy trace to fracture-associated hematite alteration gives a purple colour. Patchy moderate silicification. Cut by several white-smoky quartz veinlets with blebby pyrite.							
						LT	PK		ARG	2I		
						MD	GY	PO	SIL	3I		
						MD	PU		PRO	3I		
									HEM	1I		
						LT	GN	PA	PHC	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
121.32	123.11	1.79	GRD	MG	Strong pervasive hematite alteration, strong enough to obscure primary crystal textures. Core has a strong maroon colour.							
						DK	MR		HEM	4I		
						LT	GN		PHC	2I		
123.11	125.73	2.62	GRD	MG	Granodiorite with moderate phyllic and patchy propylitic with sharp bottom contact (30 TCA) with quartz feldspar porphyry dyke. Strong smoky quartz with pyrite veining near contact.							
						MD	GY		PHC	3I		
									PRO	1I		
						LT	GN	PO	SIL	1I		
125.73	130.99	5.26	QFP	FG	Quartz feldspar porphyry dyke with main tan colour. Appears to be 3 different phases of dykes, based on undulatory contacts at distinct colour changes. Dark maroon and light green are secondary colour variations.							
						LT	GN					
						DK	MR		HYD	4I		
						MD	TN		SIL	2I		
130.99	166.80	35.81	GRD	MG	Granodiorite with patchy weak argillic and patchy trace potassic. Pervasive moderate phyllic is the dominant alteration style. Stronger quartz-calcite-pyrite veining near the quartz feldspar porphyry contact. Veins are wider and vuggy until 135m. Patchy moderate silica flooding, more intense near the quartz feldspar porphyry vein zone. Fairly uniform alteration over this interval.							
						LT	GY	PA	PHC	3I		
						LT	GN	PO	SIL	3I		
						MD	GY		ARG	2I		
									POT	1I		
166.80	194.97	28.17	GRD	MG	Strongly coloured alterations. Mainly moderate pervasive propylitic with patchy moderate hematite staining. Phyllic-argillic make up vein halos, with patchy trace potassic overprint. Patchy weak silicification gives a spotted appearance. Netted chlorite stringers at 35 TCA, 50 TCA, and 70 TCA. Cut by calcite-quartz veinlets at 60 TCA.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	1I		
						MD	GN	PO	SIL	2I		
						LT	GN	PA	HEM	3I		
						DK	MR	NE	PHC	2I		
									PRO	3I		
									ARG	2I		
194.97	205.41	10.44	QFP	FG	Sharp top contact (70 TCA), gouged bottom contact. Colour changes at 198.81m. Dyke above 198.81m is grey-green, dyke below is tan. Mineralization and gouge separate the two colours of dyke. This is the first instance of mineralized quartz feldspar porphyry dyke in drill core this year. Moderate silicification and hydrothermal alteration.							
						MD	GY		HYD	3I		
						MD	TN					
						LT	GN		SIL	3I		
205.41	213.36	7.95	GRD	MG	Granodiorite with dominant propylitic, chlorite, hematite, and silica alterations. Phyllic-argillic alteration is found in vein halos and near quartz feldspar porphyry contact. Crosscut by netted chlorite stringers. Stronger veining near quartz feldspar porphyry dyke. Interval hosts main BRX vein in this hole at 210.20-210.46m. Cut by white quartz veins with blebby pyrite and sphalerite. EOH							
									ARG	1I		
						MD	GY	PO	SIL	3I	Py	1
									PRO	2I		
									HEM	2I		
						MD	GN	MO	PHC	2I		

KL-14-148

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.20	3.20	0	0	0.00	0	--	--	--	No recovery.
3.20	4.57	1.37	1.05	77	0.48	35	--	1H	5W	Soil.
4.57	7.62	3.05	2.44	80	0.23	8	--	1H	5W	Rubble.
7.62	9.14	1.52	1.52	100	0.57	38	--	2H	3W	
9.14	10.67	1.53	0.65	42	0.00	0	--	3H	3W	
10.67	13.72	3.05	2.77	91	1.91	63	--	2H	2W	
13.72	16.76	3.04	2.5	82	0.82	27	--	3H	2W	
16.76	19.81	3.05	2.89	95	2.04	67	--	3H	2W	
19.81	22.86	3.05	2.74	90	1.48	49	--	4H	2W	
22.86	25.91	3.05	3.05	100	1.83	60	--	4H	2W	
25.91	28.96	3.05	2.93	96	2.59	85	--	4H	2W	
28.96	32.00	3.04	3.04	100	2.22	73	--	4H	2W	
32.00	35.05	3.05	2.83	93	2.27	74	--	4H	2W	
35.05	38.10	3.05	2.84	93	2.14	70	--	4H	2W	
38.10	41.15	3.05	2.97	97	2.60	85	--	4H	2W	
41.15	44.20	3.05	2.95	97	2.10	69	--	3H	1W	
44.20	47.24	3.04	3.02	99	1.53	50	--	3H	1W	
47.24	50.29	3.05	3.03	99	2.21	72	--	4H	1W	
50.29	53.34	3.05	2.86	94	1.97	65	--	4H	1W	
53.34	56.39	3.05	2.37	78	0.97	32	--	1H	1W	
56.39	59.44	3.05	2.9	95	2.04	67	--	2H	1W	
59.44	62.48	3.04	2.7	89	0.84	28	--	2H	1W	
62.48	65.53	3.05	3.01	99	2.35	77	--	3H	1W	
65.53	68.58	3.05	2.87	94	1.42	47	--	2H	1W	
68.58	71.63	3.05	3.05	100	2.09	69	--	3H	1W	
71.63	74.68	3.05	3.05	100	2.35	77	--	3H	1W	
74.68	77.72	3.04	1.85	61	0.34	11	--	3H	1W	
77.72	80.77	3.05	0.89	29	0.00	0	--	3H	1W	Rubble
80.77	83.82	3.05	1.73	57	1.26	41	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
83.82	86.87	3.05	2.9	95	0.68	22	--	2H	1W	
86.87	89.92	3.05	3	98	1.02	33	--	3H	1W	
89.92	92.96	3.04	2.27	75	0.71	23	--	3H	1W	
92.96	96.01	3.05	2.96	97	1.03	34	--	3H	1W	
96.01	99.06	3.05	2.75	90	0.65	21	--	3H	1W	
99.06	102.11	3.05	3.05	100	1.39	46	--	4H	1W	
102.11	105.16	3.05	3.05	100	2.45	80	--	4H	1W	
105.16	108.20	3.04	2.97	98	1.74	57	--	4H	1W	
108.20	111.25	3.05	2.81	92	1.59	52	--	3H	1W	
111.25	114.30	3.05	3.05	100	1.31	43	--	3H	1W	
114.30	117.35	3.05	3.04	100	2.58	85	--	4H	1W	
117.35	120.40	3.05	3.05	100	2.19	72	--	3H	1W	
120.40	123.44	3.04	3.04	100	1.79	59	--	3H	2W	
123.44	126.49	3.05	3.05	100	1.80	59	--	4H	1W	
126.49	129.54	3.05	2.85	93	2.65	87	--	4H	1W	
129.54	132.59	3.05	2.77	91	0.89	29	--	4H	1W	
132.59	135.64	3.05	3.05	100	2.78	91	--	4H	1W	
135.64	138.68	3.04	3.04	100	2.77	91	--	4H	1W	
138.68	141.73	3.05	2.95	97	2.65	87	--	4H	1W	
141.73	144.78	3.05	2.84	93	2.12	70	--	4H	1W	
144.78	147.83	3.05	2.98	98	2.06	68	--	4H	1W	
147.83	150.88	3.05	3.05	100	2.72	89	--	4H	1W	
150.88	153.92	3.04	3.04	100	2.48	82	--	4H	1W	
153.92	156.97	3.05	3.05	100	2.73	90	--	4H	1W	
156.97	160.02	3.05	2.97	97	2.56	84	--	4H	1W	
160.02	163.07	3.05	3.01	99	2.48	81	--	4H	1W	
163.07	166.12	3.05	3.02	99	2.35	77	--	4H	1W	
166.12	169.16	3.04	2.55	84	0.68	22	--	2H	1W	
169.16	172.21	3.05	2.43	80	1.12	37	--	3H	1W	
172.21	175.26	3.05	2.8	92	1.50	49	--	4H	1W	
175.26	178.31	3.05	2.91	95	2.30	75	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
178.31	181.36	3.05	2.92	96	1.79	59	--	4H	1W	
181.36	184.40	3.04	2.89	95	1.48	49	--	3H	1W	
184.40	187.45	3.05	2.82	92	2.24	73	--	3H	1W	
187.45	190.50	3.05	3.03	99	2.17	71	--	4H	1W	
190.50	193.55	3.05	3.05	100	2.86	94	--	4H	1W	
193.55	196.60	3.05	2.92	96	2.00	66	--	4H	1W	
196.60	199.64	3.04	3	99	1.71	56	--	4H	1W	
199.64	202.69	3.05	2.59	85	1.58	52	--	4H	1W	
202.69	205.74	3.05	3.05	100	2.65	87	--	3H	1W	
205.74	208.79	3.05	3.05	100	2.67	88	--	4H	1W	
208.79	211.84	3.05	2.62	86	2.10	69	--	4H	1W	
211.84	213.36	1.52	1.49	98	1.49	98	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	0.24	GRD	
5	1.26	GRD	
7	0.415	GRD	
8	2.43	GRD	
9	0.733	GRD	
10	0.53	GRD	
11	2.05	GRD	
12	0.359	GRD	
13	0.482	GRD	
14	1.11	GRD	
14	1.43	GRD	
15	1.57	GRD	
16	0.359	GRD	
17	0.234	GRD	
18	0.591	GRD	
19	0.675	GRD	
20	0.465	GRD	
21	0.386	GRD	
22	0.634	GRD	
23	0.436	GRD	
25	2.35	GRD	
26	0.422	GRD	
27	1.67	GRD	
28	2.67	GRD	
29	1.14	GRD	
30	0.565	GRD	
31	4.47	GRD	
32	2.59	GRD	
33	5.24	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	3.76	GRD	
35	0.596	GRD	
36	0.805	GRD	
37	0.473	GRD	
38	0.736	GRD	
39	0.317	GRD	
40	0.363	GRD	
41	0.722	GRD	
42	0.661	GRD	
43	0.601	GRD	
44	0.337	GRD	
45	0.302	GRD	
46	0.443	GRD	
47	0.431	GRD	
48	0.442	GRD	
49	0.336	GRD	
50	0.368	GRD	
51	0.266	GRD	
52	0.339	GRD	
53	0.323	GRD	
54	0.378	GRD	
55	0.197	GRD	
56	0.242	GRD	
57	1.5	GRD	
58	0.673	GRD	
59	0.396	GRD	
60	0.423	GRD	
61	0.547	GRD	
62	0.547	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	0.374	GRD	
64	0.448	GRD	
65	0.371	GRD	
66	0.637	GRD	
67	0.268	GRD	
68	0.199	GRD	
70	0.63	GRD	
71	0.345	GRD	
72	0.949	GRD	
73	0.71	GRD	
74	0.384	GRD	
75	5.08	GRD	
76	2.06	GRD	
77	10.67	GRD	
78	2.91	GRD	
79	14.5	GRD	
80	10.9	GRD	
81	0.671	GRD	
82	17.7	GRD	
83	6.64	GRD	
84	9.14	GRD	
85	0.531	GRD	
86	10.8	GRD	
87	0.424	GRD	
88	21.9	GRD	
89	5.88	GRD	
90	0.674	GRD	
91	12.7	GRD	
92	7.26	GRD	
93	0.3	GRD	
94	0.448	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
95	1.58	GRD	
96	15.1	GRD	
97	1.29	GRD	
98	19.25	GRD	
99	16.84	GRD	
100	0.887	GRD	
101	14.4	GRD	
102	6.76	GRD	
103	1.11	GRD	
104	0.425	GRD	
105	0.562	GRD	
106	0.916	GRD	
107	0.669	GRD	
108	3.48	GRD	
109	0.427	GRD	
110	1.45	GRD	
111	0.39	GRD	
112	0.531	GRD	
113	10.24	GRD	
114	0.469	GRD	
115	3.04	GRD	
116	0.444	GRD	
117	0.351	GRD	
118	0.43	GRD	
119	0.423	GRD	
120	1.39	GRD	
121	0.564	GRD	
122	0.286	GRD	
123	0.18	GRD	
124	0.288	GRD	
125	2.79	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
126	0.313	QFP	
127	0.196	QFP	
128	0.359	QFP	
129	0.416	QFP	
130	0.426	QFP	
131	0.484	GRD	
132	0.425	GRD	
133	0.275	GRD	
134	0.563	GRD	
135	0.701	GRD	
136	0.411	GRD	
137	0.524	GRD	
138	0.45	GRD	
139	0.475	GRD	
140	0.447	GRD	
141	0.376	GRD	
142	0.388	GRD	
143	0.579	GRD	
144	0.542	GRD	
145	0.463	GRD	
146	0.337	GRD	
147	0.504	GRD	
148	0.324	GRD	
149	0.327	GRD	
150	0.328	GRD	
151	0.371	GRD	
152	0.393	GRD	
153	0.401	GRD	
154	0.378	GRD	
155	1.07	GRD	
156	0.45	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
157	0.37	GRD	
158	0.443	GRD	
159	0.342	GRD	
160	0.35	GRD	
161	0.8	GRD	
162	0.404	GRD	
163	0.43	GRD	
164	0.311	GRD	
165	0.297	GRD	
166	0.482	GRD	
167	0.206	GRD	
168	0.44	GRD	
169	0.763	GRD	
170	3.32	GRD	
171	0.992	GRD	
172	0.398	GRD	
173	0.333	GRD	
174	0.515	GRD	
175	0.862	GRD	
176	0.856	GRD	
177	0.419	GRD	
178	0.389	GRD	
179	0.655	GRD	
180	0.306	GRD	
181	0.517	GRD	
182	3.14	GRD	
183	0.278	GRD	
184	0.358	GRD	
185	0.497	GRD	
186	0.328	GRD	
187	0.758	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
188	1.77	GRD	
189	0.483	GRD	
190	0.469	GRD	
191	0.283	GRD	
192	0.136	GRD	
193	0.175	GRD	
194	0.352	GRD	
195	0.511	QFP	
196	0.357	QFP	
197	0.321	QFP	
198	0.442	QFP	
199	0.243	QFP	
200	0.233	QFP	
201	0.261	QFP	
202	0.262	QFP	
203	0.3	QFP	
204	0.492	QFP	
205	0.317	QFP	
206	0.183	GRD	
207	4.13	GRD	
208	1.28	GRD	
209	1.19	GRD	
210	0.823	GRD	
211	3.48	GRD	
212	1.29	GRD	
213	9.44	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381653	6890295	1274.87	108.81

ZONE: Western BRX

SECTION:

HOLE: KL-14-149

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jun 18 - Jun 18, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.83	38.8	-49.2	Reflex
85.03	35.8	-48.6	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.22	3.22	CAS
3.22	43.58	40.36	GRD
43.58	62.71	19.13	GRD
62.71	80.26	17.55	GRD
80.26	80.88	0.62	QFP
80.88	93.15	12.27	GRD
93.15	108.81	15.66	GRD

SAMPLES	
Numbers:	Q924036 to Q924098
Total:	63
Batch:	020, 021, 023
Certificates:	WH14099435, WH14099438, WH14099752

COMMENTS
Bottom of hole not tested (85m onwards)

Box Log

KL-14-149

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.22	6.88
2	6.88	10.63
3	10.63	14.48
4	14.48	18.58
5	18.58	22.88
6	22.88	26.72
7	26.72	30.89
8	30.89	34.76
9	34.76	38.71
10	38.71	42.75
11	42.75	46.3
12	46.3	50.2
13	50.2	54.13
14	54.13	58.32
15	58.32	62.35
16	62.35	66.14
17	66.14	70.05
18	70.05	74.14
19	74.14	78.33
20	78.33	82.42
21	82.42	86.61
22	86.61	90.52
23	90.52	94.59
24	94.59	98.7
25	98.7	102.72
26	102.72	106.54
27	106.54	108.81

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-149									
	7.65	13.3	HQ	GRD	1118.8	703.2	2.88	2.7	Moderate Silicified granodiorite with weak propalytic. Trace phyllic and trace pottasic alteration
	64.27	15.4	HQ	GRD	1250.7	789	2.78	2.7	Weak propalytic altered granodiorite with strong silification and strong phyllic overprint. Disseminated pyrite and sphalerite and a 20 degree 2mm Ankerite veinlet with blebby sphalerite.
	74.16	7.7	HQ	GRD	586	367.8	2.6	2.7	Moderate propalytic altered granodiorite with strong phyllic overprint and moderate silification. Cut by 4mm 30 degree undulating ankerite veinlet with blebby sphalerite. Disseminated sphalerite and pyrite

KL-14-149

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.22	11.92	8.70	GRD	MG	Unaltered granodiorite with moderate oxidation along fractures, mostly confined to fracture surfaces.							
						MD	OR					
						MD	GY		OXI	3I		
11.92	23.74	11.82	GRD	MG	Strongly oxidized moderate argillic altered granodiorite with a weak potassic overprint. Partially broken up. Oxidation obscures rock textures.							
						MD	OR		ARG	3I		
						LT	WH		POT	2I		
									OXI	4I		
23.74	25.95	2.21	GRD	MG	Unaltered granodiorite with moderate oxidation along fractures, mostly confined to fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR					
25.95	26.85	0.90	GRD	MG	Strongly oxidized moderate argillic altered granodiorite with a weak propyllitic overprint. Partially broken up. Oxidation obscures rock textures.							
						MD	OR		OXI	4I		
						LT	WH		ARG	3I		
									PRO	2I		
26.85	35.23	8.38	GRD	MG	Unaltered granodiorite with moderate oxidation along fractures, mostly confined to fracture surfaces.							
						MD	GY					
						MD	OR					
35.23	36.30	1.07	GRD	MG	Moderate phyllic/propyllitic envelope surrounding a milky white quartz vein. Moderate oxidation along fractures.							
						MD	OR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
36.30	43.58	7.28	GRD	MG	Unaltered granodiorite with moderate oxidation along fractures, mostly confined to fracture surfaces.							
						MD	GY					
						MD	OR					
43.58	62.71	19.13	GRD	MG	Moderately phyllic and silicified altered granodiorite with patchy propyllitic overprint. Hosts multiple quartz veins, veinlets and stringers.							
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
									SIL	3I		
62.71	80.26	17.55	GRD	MG	Moderate to strongly silica and moderate phyllic and propyllitic altered granodiorite. Hosts an abundance of quartz sulphide veins, veinlets and stringers. Phyllic alteration and gouge zones hosts disseminated pyrite.							
						MD	GY		PHC	3I		
						LT	GN		SIL	3I	Py	1
						DK	GN		SIL	4I		
									PRO	3I		
80.26	80.88	0.62	QFP	MG	Partially gouge altered grey quartz feldspar dyke. Sharp contacts oriented at 40 degrees TCA.							
						LT	GY	SH				
80.88	88.27	7.39	GRD	MG	Mostly gouge altered moderate to strongly silica and moderate phyllic and propyllitic altered granodiorite. Hosts an abundance of quartz sulphide veins, veinlets and stringers. Phyllic alteration and gouge zones hosts disseminated pyrite.							
						MD	GY	SH	SIL	3I	Py	1
						MD	GN		SIL	4I		
									PHC	3I		
									PRO	3I		
88.27	88.64	0.37	GRD	MG	Partially gouge altered, intensely hematized granodiorite.							
						DK	RD		HEM	5I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
88.64	90.00	1.36	GRD	MG	Mostly gouge altered moderate to strongly silica and moderate phyllic and propyllitic altered granodiorite. Hosts an abundance of quartz sulphide veins, veinlets and stringers. Phyllic alteration and gouge zones hosts disseminated pyrite.							
						MD	GN		SIL	3I	Py	1
						MD	GY		SIL	4I		
									PRO	3I		
									PHC	3I		
90.00	90.60	0.60	GRD	MG	Partially gouge altered, intensely hematized granodiorite.							
						DK	RD		HEM	5I		
90.60	93.15	2.55	GRD	MG	Mostly gouge altered moderate to strongly silica and moderate phyllic and propyllitic altered granodiorite. Hosts an abundance of quartz sulphide veins, veinlets and stringers. Phyllic alteration and gouge zones hosts disseminated pyrite.							
						MD	GN		SIL	3I	Py	1
						MD	GY		SIL	4I		
									PRO	3I		
									PHC	3I		
93.15	108.81	15.66	GRD	MG	Strong to intensely hematite altered granodiorite with patchy weak to moderate chloritization. Hematite and chlorite exhibit crackle texture and interval is moderately silicified.							
						DK	RD	CR	SIL	3I		
						DK	GN		HEM	4I		
									PRO	3I		
									HEM	5I		
									PRO	2I		

KL-14-149

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.22	43.58	40.36	GRD	MG	Unaltered granodiorite with moderate oxidation along fractures, mostly confined to fracture surfaces. Hosts patchy strongly oxidized moderate argillic alteration.							
						MD	GY		OXI	3I		
						MD	OR					
43.58	62.71	19.13	GRD	MG	Moderately phyllic and silicified altered granodiorite with patchy propyllitic overprint. Hosts multiple quartz veins, veinlets and stringers.							
						DK	GN		PRO	3I		
						LT	GN		PHC	3I		
									SIL	3I		
62.71	80.26	17.55	GRD	MG	Moderate to strongly silica and moderate phyllic and propyllitic altered granodiorite. Hosts an abundance of quartz sulphide veins, veinlets and stringers. Phyllic alteration and gouge zones hosts disseminated pyrite.							
									PRO	3I		
						LT	GN		SIL	3I	Py	1
						MD	GY		PHC	3I		
						DK	GN		SIL	4I		
80.26	80.88	0.62	QFP	MG	Partially gouge altered grey quartz feldspar dyke. Sharp contacts oriented at 40 degrees TCA.							
						LT	GY	SH				
80.88	93.15	12.27	GRD	MG	Mostly gouge altered moderate to strongly silica and moderate phyllic and propyllitic altered granodiorite. Hosts an abundance of quartz sulphide veins, veinlets and stringers. Phyllic alteration and gouge zones hosts disseminated pyrite.							
						MD	GY	SH	SIL	3I	Py	1
									PRO	4I		
									PHC	3I		
						MD	GN		SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
93.15	108.81	15.66	GRD	MG	Strong to intensely hematite altered granodiorite with patchy weak to moderate chloritization. Hematite and chlorite exhibit crackle texture and interval is moderately silicified.							
						DK	RD	CR	SIL	3I		
						DK	GN		HEM	4I		
									HEM	5I		
									PRO	2I		
									PRO	3I		

KL-14-149

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.22	3.22	0	0	0.00	0	--	--	--	
3.22	5.18	1.96	1.79	91	0.39	20	--	4H	2W	
5.18	8.23	3.05	3.05	100	1.73	57	--	4H	2W	
8.23	11.28	3.05	1.34	44	1.34	44	--	4H	2W	
11.28	14.33	3.05	3.05	100	1.68	55	--	3H	3W	
14.33	17.37	3.04	2.93	96	1.53	50	--	3H	3W	
17.37	20.42	3.05	2.93	96	2.52	83	--	4H	3W	
20.42	23.47	3.05	3	98	2.33	76	--	3H	3W	
23.47	26.52	3.05	2.98	98	1.09	36	--	4H	3W	
26.52	29.57	3.05	2.89	95	2.00	66	--	4H	2W	
29.57	32.61	3.04	2.91	96	1.56	51	--	4H	3W	
32.61	35.66	3.05	3.05	100	1.84	60	--	4H	2W	
35.66	38.71	3.05	3.05	100	1.88	62	--	3H	2W	
38.71	41.76	3.05	3.05	100	2.80	92	--	4H	2W	
41.76	44.81	3.05	3.05	100	0.54	18	--	3H	3W	
44.81	47.85	3.04	2.77	91	0.53	17	--	3H	3W	Quite gougey
47.85	50.90	3.05	2.98	98	1.52	50	--	4H	2W	
50.90	53.95	3.05	3.05	100	2.38	78	--	4H	2W	
53.95	57.00	3.05	3.04	100	1.36	45	--	3H	2W	
57.00	60.05	3.05	3.05	100	1.64	54	--	3H	2W	
60.05	63.09	3.04	2.97	98	1.67	55	--	4H	1W	
63.09	66.14	3.05	2.91	95	1.89	62	--	3H	1W	
66.14	69.19	3.05	2.96	97	2.37	78	--	4H	1W	
69.19	72.24	3.05	3.03	99	1.39	46	--	2H	1W	
72.24	75.29	3.05	2.92	96	1.12	37	--	3H	1W	
75.29	78.33	3.04	3.04	100	2.22	73	--	3H	1W	
78.33	81.38	3.05	3.05	100	2.48	81	--	3H	1W	
81.38	84.43	3.05	3.04	100	2.55	84	--	2H	1W	
84.43	87.48	3.05	3.04	100	2.81	92	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.52	3.04	3.04	100	3.04	100	--	2H	1W	
90.52	93.57	3.05	3.05	100	2.53	83	--	2H	1W	
93.57	96.62	3.05	3.05	100	2.10	69	--	3H	1W	
96.62	99.67	3.05	3	98	2.21	72	--	3H	1W	
99.67	102.72	3.05	3.02	99	1.26	41	--	3H	1W	
102.72	105.77	3.05	3.05	100	1.11	36	--	4H	1W	
105.77	108.81	3.04	3.04	100	2.10	69	--	3H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	13.2	GRD	
5	20.6	GRD	
6	14.4	GRD	
7	14.5	GRD	
8	8.56	GRD	
9	8.35	GRD	
10	6.07	GRD	
11	2.35	GRD	
12	0.599	GRD	
13	0.377	GRD	
14	0.477	GRD	
15	2.12	GRD	
16	0.205	GRD	
17	0.282	GRD	
18	0.476	GRD	
19	0.265	GRD	
20	0.22	GRD	
21	0.322	GRD	
22	0.622	GRD	
23	2.93	GRD	
24	0.704	GRD	
25	0.75	GRD	
26	0.736	GRD	
27	11.6	GRD	
28	4.52	GRD	
29	10.6	GRD	
30	3.34	GRD	
31	13.3	GRD	
32	0.385	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	8.84	GRD	
34	2.9	GRD	
35	2.28	GRD	
36	0.339	GRD	
37	6.79	GRD	
38	0.467	GRD	
39	7.47	GRD	
40	0.576	GRD	
41	16.8	GRD	
42	0.635	GRD	
43	1.16	GRD	
44	0.249	GRD	
45	0.288	GRD	
46	0.192	GRD	
47	0.206	GRD	
48	0.365	GRD	
49	0.457	GRD	
50	0.298	GRD	
51	0.377	GRD	
52	0.336	GRD	
53	0.554	GRD	
54	0.505	GRD	
55	1.01	GRD	
56	0.63	GRD	
57	0.378	GRD	
58	0.361	GRD	
59	0.493	GRD	
60	0.313	GRD	
61	0.22	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	0.412	GRD	
63	0.535	GRD	
64	0.326	GRD	
65	0.203	GRD	
66	0.165	GRD	
67	0.151	GRD	
68	0.193	GRD	
69	0.173	GRD	
70	0.132	GRD	
71	0.217	GRD	
72	0.222	GRD	
73	0.442	GRD	
74	0.23	GRD	
75	0.426	GRD	
76	0.153	GRD	
77	0.152	GRD	
78	0.318	GRD	
79	0.264	GRD	
80	0.312	GRD	
81	0.322	GRD	
82	0.334	GRD	
83	0.338	GRD	
84	0.279	GRD	
85	0.347	GRD	
86	0.369	GRD	
87	0.309	GRD	
88	0.261	GRD	
89	0.214	GRD	
90	0.342	GRD	
91	0.279	GRD	
92	0.251	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
93	0.206	GRD	
94	0.402	GRD	
95	0.196	GRD	
96	0.302	GRD	
97	0.299	GRD	
98	0.438	GRD	
99	0.552	GRD	
100	0.467	GRD	
101	0.389	GRD	
102	0.426	GRD	
103	0.411	GRD	
104	0.366	GRD	
105	0.278	GRD	
106	0.439	GRD	
107	0.266	GRD	
108	0.366	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381697	6890225	1286.74	63.09

ZONE: Western BRX

SECTION:

HOLE: KL-14-150

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 3.05m, Out

Drilling Dates: Jun 18 - Jun 19, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	323.9	-74	Reflex
63.09	33.1	-50.4	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.41	2.41	CAS
2.41	44.25	41.84	GRD
44.25	46.57	2.32	GRD
46.57	47.18	0.61	VEN
47.18	48.32	1.14	GRD
48.32	48.67	0.35	VEN
48.67	48.93	0.26	GRD
48.93	49.43	0.5	BXA
49.43	63.09	13.66	QFP

SAMPLES	
Numbers:	Q016772 to Q016778, Q924099 to Q924112
Total:	24
Batch:	023, 024, 039
Certificates:	WH14096679, WH14099752, WH14099759

COMMENTS

Hole Lost immediately following zone.

Box Log

KL-14-150

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.41	5.93
2	5.93	9.64
3	9.64	13.45
4	13.45	17.13
5	17.13	20.42
6	20.42	24.24
7	24.24	27.84
8	27.84	31.32
9	31.32	35.35
10	35.35	39.23
11	39.23	43.47
12	43.47	47.63
13	47.63	51.35
14	51.35	55.2
15	55.2	58.95
16	58.95	62.38
17	62.38	63.09

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-150									
	31.77	15.9	HQ	GRD	1257	763.9	2.71	2.6	Moderate argillic altered granodiorite with trace pottassic and propalytic overprint, moderate oxidation, strongest around 30 degree netted calcite veinlets
	46.81	20	HQ	VEN	2592.2	1958	4.43	4.1	Alternating intermixed sulphides veins. Semi-massive pyrite, arsenopyrite, large combed quartz (grains 0.5 centimeters), honey brown and blackjack and large grained calcite.
	48.29	21	HQ	GRD	2817.7	2015.2	4.59	3.5	Alternating and intermixed semi-massive pyrite and arsenopyrite with veinlets and blebby
	49.38	15.6	HQ	BXA	1568.3	1099.7	3.44	3.4	Silicified mineralized breccia with belbby and disseminated galena, sphalerite and pyrite framed by mineralized 1 cm 60 degree milky quartz with blebby pyrite, arsenopyrite, ankerite, sphalerite and 60 degree crackle ankerite

KL-14-150

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.41	8.33	5.92	GRD	MG	Unaltered granodiorite with moderate oxidation along fractures.							
						MD	OR					
						MD	GY		OXI	3I		
8.33	9.23	0.90	GRD	MG	Rubbly moderate argillic altered granodiorite. Strongly oxidized.							
						MD	OR		ARG	3I		
						LT	WH	RB	OXI	4I		
9.23	18.00	8.77	GRD	MG	Unaltered granodiorite with moderate oxidation along fractures.							
						MD	GY					
						MD	OR					
18.00	18.86	0.86	GRD	MG	Rubbly moderate argillic altered granodiorite. Strongly oxidized.							
						MD	OR		OXI	4I		
						LT	WH	RB	ARG	3I		
18.86	20.20	1.34	GRD	MG	Unaltered granodiorite with moderate oxidation along fractures.							
						MD	GY		OXI	3I		
						MD	OR					
20.20	21.00	0.80	GRD	MG	Rubbly moderate argillic altered granodiorite. Strongly oxidized.							
						MD	OR		ARG	3I		
						LT	WH	RB	OXI	4I		
21.00	44.25	23.25	GRD	MG	Unaltered granodiorite with moderate oxidation along fractures.							
						MD	GY		OXI	3I		
						MD	OR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
44.25	46.57	2.32	GRD	MG	30cm moderately silicified and phyllic altered envelope proximal to quartz/massive sulphide vein. Hosts disseminated pyrite. Phyllic alteration transitions to propyllitic overprinted moderate argillic alteration.							
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									PRO	2I		
46.57	47.18	0.61	VEN	MG	Grey quartz/massive sulphide vein. Hosts semi-massive arsenopyrite and pyrite along with disseminated to blebby galena and sphalerite. Vein oriented at 30 degrees TCA.							
											Sp	1
											As	40
											Gn	1
											Py	20
47.18	48.32	1.14	GRD	MG	Strongly oxidized and silicified moderately phyllic altered granodiorite.							
						MD	OR		OXI	4I		
						MD	GN		SIL	4I		
									PHC	3I		
									PRO	2I		
48.32	48.67	0.35	VEN	MG	Smokey quartz vein hosting disseminated to semi-massive pyrite and arsenopyrite. Vein is oriented at 55 degrees TCA.							
											Py	50
											As	25
48.67	48.93	0.26	GRD	MG	Intensely silicified and strongly phyllic granodiorite hosting disseminated pyrite.							
						MD	GY		OXI	3I	Py	1
						MD	GN		SIL	5I		
						MD	OR		PHC	4I		
48.93	49.43	0.50	BXA	MG	Smokey quartz and tan carbonate vein hosting disseminated to blebby pyrite, arsenopyrite, galena and sphalerite. Vein is oriented at 60 degrees TCA.							
											Py	5
											As	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Gn	10
											Sp	2
49.43	57.90	8.47	QFP	FG	Medium grey quartz feldspar porphyry dyke with moderate oxidation mostly confined to fracture surfaces. Dyke contacts oriented at 45 degrees TCA.							
						MD	GY		OXI	3I		
57.90	58.40	0.50	GRD	MG	Intensely gouge altered silica and phyllic altered granodiorite hosting disseminated pyrite. Rock is very incompetent and rubbly.							
						MD	GY		SIL	3I	Py	1
									PHC	3I		
58.40	63.09	4.69	QFP	FG	Medium grey quartz feldspar porphyry dyke with moderate oxidation mostly confined to fracture surfaces. Dyke contacts oriented at 45 degrees TCA.							
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.41	44.25	41.84	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR					
44.25	46.57	2.32	GRD	MG	30cm moderately silicified and phyllic altered envelope proximal to quartz/massive sulphide vein. Hosts disseminated pyrite. Phyllic alteration transitions to propyllitic overprinted moderate argillic alteration.							
									PRO	2I		
						LT	GN		SIL	3I	Py	1
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
46.57	47.18	0.61	VEN	--	Grey quartz/massive sulphide vein. Hosts semi-massive arsenopyrite and pyrite along with disseminated to blebby galena and sphalerite. Vein oriented at 30 degrees TCA.							
											Sp	1
											Gn	1
											As	40
								MA			Py	20
47.18	48.32	1.14	GRD	MG	Strongly oxidized and silicified moderately phyllic altered granodiorite.							
						MD	OR		OXI	4I		
						MD	GN		SIL	4I		
									PHC	3I		
									PRO	2I		
48.32	48.67	0.35	VEN	MG	Smokey quartz vein hosting disseminated to semi-massive pyrite and arsenopyrite. Vein is oriented at 55 degrees TCA.							
								MA			Py	50
											As	25
48.67	48.93	0.26	GRD	MG	Intensely silicified and strongly phyllic granodiorite hosting disseminated pyrite.							
						MD	OR		PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		OXI	3I	Py	1
						MD	GN		SIL	5I		
48.93	49.43	0.50	BXA	MG	Smokey quartz and tan carbonate vein hosting disseminated to blebby pyrite, arsenopyrite, galena and sphalerite. Vein is oriented at 60 degrees TCA.							
								BX			Py	5
											Sp	2
											Gn	10
											As	2
49.43	63.09	13.66	QFP	MG	Medium grey quartz feldspar porphyry dyke with moderate oxidation mostly confined to fracture surfaces. Dyke contacts oriented at 45 degrees TCA.							
						MD	GY		OXI	3I		

KL-14-150

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.41	2.41	0	0	0.00	0	--	--	--	
2.41	5.18	2.77	2.53	91	0.41	15	--	2H	4W	
5.18	8.23	3.05	3.01	99	1.92	63	--	3H	3W	
8.23	11.28	3.05	3.05	100	1.42	47	--	3H	3W	
11.28	14.33	3.05	2.94	96	2.26	74	--	4H	2W	
14.33	17.37	3.04	3.04	100	1.66	55	--	4H	2W	
17.37	20.42	3.05	3.03	99	1.61	53	--	3H	3W	
20.42	23.47	3.05	3.05	100	2.12	70	--	4H	3W	
23.47	26.52	3.05	2.86	94	2.18	71	--	4H	2W	
26.52	29.57	3.05	3.05	100	2.12	70	--	3H	3W	
29.57	32.61	3.04	3.04	100	1.45	48	--	3H	3W	
32.61	35.66	3.05	3.05	100	1.44	47	--	4H	3W	
35.66	38.71	3.05	3.05	100	2.31	76	--	4H	2W	
38.71	41.76	3.05	2.82	92	1.83	60	--	4H	3W	
41.76	44.81	3.05	2.87	94	1.90	62	--	4H	3W	
44.81	47.85	3.04	2.9	95	1.53	50	--	3H	2W	
47.85	50.90	3.05	3.02	99	1.91	63	--	4H	3W	
50.90	53.95	3.05	2.95	97	1.14	37	--	3H	3W	
53.95	57.00	3.05	2.97	97	0.83	27	--	3H	3W	
57.00	60.05	3.05	2.84	93	0.00	0	--	1H	4W	Majority of interval is gouge/rubble
60.05	63.09	3.04	3	99	0.52	17	--	3H	3W	quite rubbly

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	0.235	GRD	
4	0.194	GRD	
5	8.12	GRD	
6	0.507	GRD	
7	14.3	GRD	
8	3.67	GRD	
9	3.67	GRD	
10	16.5	GRD	
11	16.6	GRD	
12	15.4	GRD	
13	15.7	GRD	
14	15.9	GRD	
15	19.3	GRD	
16	4.16	GRD	
17	17.4	GRD	
18	0.429	GRD	
19	4.04	GRD	
20	10	GRD	
21	4.7	GRD	
22	16.6	GRD	
23	14.2	GRD	
24	19.8	GRD	
25	3.1	GRD	
26	13.3	GRD	
27	16.9	GRD	
28	9.99	GRD	
29	16.3	GRD	
30	10.2	GRD	
31	0.417	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	12.8	GRD	
33	16.6	GRD	
34	17.2	GRD	
35	4.64	GRD	
36	14.5	GRD	
37	15.9	GRD	
38	19	GRD	
39	0.614	GRD	
40	16.3	GRD	
41	15.3	GRD	
42	1.83	GRD	
43	9.17	GRD	
44	10.3	GRD	
45	0.333	GRD	
46	0.396	GRD	
47	0.152	VEN	
48	0.579	GRD	
49	0.497	BXA	
50	0.216	QFP	
51	0.268	QFP	
52	0.188	QFP	
53	0.224	QFP	
54	0.212	QFP	
55	0.269	QFP	
56	0.196	QFP	
57	0.22	QFP	
58	0.291	QFP	
59	0.381	QFP	
60	0.268	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	0.223	QFP	
62	0.311	QFP	
63	0.415	QFP	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381658	6890068	1293.29	214.88

ZONE: Western BRX

SECTION:

HOLE: KL-14-151

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 10.67m, Out

Drilling Dates: Jun 18 - Jun 20, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
1.52	325.8	-49.7	Reflex
214.88	38.6	-50.3	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.3	1.3	CAS
1.3	55.32	54.02	GRD
55.32	68.78	13.46	GRD
68.78	130.51	61.73	GRD
130.51	158.75	28.24	GRD
158.75	179.49	20.74	GRD
179.49	183.14	3.65	GRD
183.14	184.75	1.61	GRD
184.75	185.12	0.37	QFP
185.12	187.16	2.04	GRD
187.16	189.7	2.54	QFP
189.7	195.9	6.2	GRD
195.9	214.88	18.98	GRD

SAMPLES	
Numbers:	Q016407 to Q016449, Q016766 to Q016771
Total:	52
Batch:	019, 022, 024
Certificates:	WH14096679, WH14099437, WH14099439

COMMENTS

Box Log

KL-14-151

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.3	7.45
2	7.45	12.75
3	12.75	17.64
4	17.64	22.86
5	22.86	28.27
6	28.27	33.27
7	33.27	39.05
8	39.05	44.2
9	44.2	49.3
10	49.3	54.22
11	54.22	59.44
12	59.44	64.55
13	64.55	70.27
14	70.27	75.7
15	75.7	81.15
16	81.15	86.61
17	86.61	92.11
18	92.11	97.65
19	97.65	102.82
20	102.82	108.18
21	108.18	113.3
22	113.3	117.65
23	117.65	123.44
24	123.44	129.28
25	129.28	134.87
26	134.87	140.45
27	140.45	145.62
28	145.62	150.88
29	150.88	155.9
30	155.9	160.63
31	160.63	166.12
32	166.12	171.51
33	171.51	176.55
34	176.55	181.46
35	181.46	187.07
36	187.07	192
37	192	197.35
38	197.35	202.69
39	202.69	207.35
40	207.35	211.84
41	211.84	214.88

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-151									
	13.24	12.2	NQ2	GRD	631.2	395.8	2.44	2.7	Trace pottassic altered granodiorite with trace oxidation
	89.45	12.6	NQ2	GRD	748.5	479.5	2.8	2.8	Massive banded colloform quartz calcite-ankerite vein with blebby pyrite and sphalerite
	142.95	8.2	NQ2	GRD	579.9	434.3	3.33	4.0	Semi-massive banded ankerite calcite Quartz vein with cocade textures, interstitial sphalerite, pyrite, galena and arsenopyrite, banded pyrite and honey brown and blackjack sphalerite and blebby pyrite, honey brown and blackjack sphalerite and galena. Disseminated sphalerite, pyrite, galena and arsenopyrite. Overall low % of quartz
	144.06	11.7	NQ2	GRD	915	1145	3.68	-4.0	Semi-massive banded milky, clear and smoky quartz , ankerite and calcite with cocade textures, bladed pyrite and arsenopyrite, blebby pyrite, ankerite, honey brown and blackjack sphalerite and galena

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	184.5	13.2	NQ2	GRD	1126	826	4.02	3.8	Half banded smokey and clear quartz vein with weak propalytic alteration, banded arsenopyrite, pyrite, blebby honey brown sphalerite, pyrite and disseminated pyrite, arsenopyrite and sphalerite. Half banded comb honey brown and blackjack sphalerite and intermixed semi massive and blebby ankerite and sphalerite with disseminated pyrite and bladed arsenopyrite.,
	186.63	16	NQ2	GRD	1424.2	1092.7	4.19	4.3	Massive to semi-massive pyrite with blebby smoky quartz and chalcopyrite and 70 degree smoky quartz veinlets
	186.64	15.7	NQ2	GRD	1117.8	809.1	3.35	3.6	Banded ankerite, quartz, calcite vein with semi-massive blebby ankerite, honey brown sphalerite and pyrite, smoky quartz veinlet, a 5 degree mineralized breccia veinlet and disseminated pyrite, honey brown sphalerite and bladed jamesonite.
	187.14	20	NQ2	GRD	1559.7	1153	3.67	3.8	alternating banded galena and ankerite veins with semi-massive pyrite with blebby chalcopyrite, semi-massive galena with interstitial pyrite, sphalerite and arsenopyrite, semi-massive ankerite and semi - massive sphalerite pyrite, arsenopyrite, galena and chalcopyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	205.6	14.5	NQ2	GRD	704.6	438.7	2.29	2.7	Strong phyllic altered granodiorite with moderate propalytic, strong silicification and trace pottassic alteration

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.30	10.20	8.90	GRD	MG	Rubbly, fractured granodiorite with moderate oxidation. Patchy moderate argillic leading to crumbling.							
						MD	GY	RB	SIL	2I		
						MD	BN	PO	OXI	3I		
									ARG	3I		
10.20	33.27	23.07	GRD	MG	Granodiorite with weak argillic, weak oxidation, and moderate pervasive silica overprint. Bright orange-brown oxidation on fracture faces.							
						MD	GY	PO	OXI	2I		
						MD	BN		SIL	3I		
									ARG	2I		
33.27	37.71	4.44	GRD	MG	Rubbly, fractured granodiorite with moderate oxidation. Patchy moderate argillic leading to crumbling.							
						MD	GY	RB	SIL	2I		
						MD	BN	PO	OXI	3I		
									ARG	3I		
37.71	55.32	17.61	GRD	MG	Granodiorite with weak argillic, moderate oxidation, and moderate silica overprint. Black mafic xenoliths (1 per 2m).							
						MD	BN	PO	OXI	2I		
						MD	GY		SIL	3I		
									ARG	2I		
55.32	59.60	4.28	GRD	MG	Granodiorite with weak pervasive propylitic, trace potassic, and weak silica overprint. Weak oxides on fracture faces.							
						MD	GY	PO	OXI	2I		
						LT	BN		SIL	2I		
									ARG	1I		
									POT	1I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
59.60	68.78	9.18	GRD	MG	Granodiorite with weak pervasive propylitic, trace potassic, and weak silica overprint. Weak oxidation on fracture faces. Cut by quartz-calcite-pyrite veins and veinlets. Brecciated by crustiform-colloform quartz-calcite-ankerite veins at 62.27-62.49m.							
						MD	GY	PO	OXI	2I		
						LT	BN		SIL	3I		
						LT	GN		PHC	2I		
									ARG	2I		
									PRO	2I		
									POT	1I		
68.78	87.18	18.40	GRD	MG	Granodiorite with weak pervasive propylitic, overprinted by phyllic to argillic vein halos. Trace potassic in argillic and propylitic halos. Crosscut by mineralized quartz-calcite veins and veinlets, hosting blebby pyrite. Silica overprint.							
						MD	GY	PO	SIL	2I		
						MD	GN		PRO	2I		
									POT	2I		
									ARG	1I		
									PHC	1I		
87.18	90.91	3.73	GRD	MG	Granodiorite with overprinting phyllic and argillic from vein halos. Cut by banded-colloform quartz-calcite veins with blebby pyrite and blebby sphalerite.							
						MD	GY	PO	SIL	2I		
						LT	GN		PHC	2I		
									ARG	2I		
									PRO	1I		
90.91	115.03	24.12	GRD	MG	Granodiorite with weak pervasive propylitic, overprinted by phyllic to argillic vein halos. Trace potassic in argillic and propylitic halos. Crosscut by mineralized quartz-calcite veins and veinlets, hosting blebby pyrite. Silica overprint.							
						MD	GY	PO	SIL	2I		
						MD	GN		PRO	2I		
									PHC	1I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
115.03	120.18	5.15	GRD	MG	Moderate argillic with strong rubbly-pebbly recovery between 115.03-116m. Stronger phyllic near calcite veins.							
						LT	PK	RB	PHC	3I		
						LT	WH	PB	ARG	3I		
						LT	GN					
120.18	130.51	10.33	GRD	MG	Granodiorite with weak pervasive propylitic, overprinted by phyllic to argillic vein halos. Trace potassic in argillic and propylitic halos. Crosscut by mineralized quartz-calcite veins and veinlets, hosting blebby pyrite. Silica overprint.							
						MD	GY	PO	SIL	2I		
						MD	GN		PRO	2I		
									PHC	1I		
									ARG	1I		
									POT	2I		
130.51	131.77	1.26	GRD	MG	Outer argillic halo with weak potassic overprint.							
						LT	PK	PO	ARG	3I		
						LT	WH		POT	2I		
131.77	140.60	8.83	GRD	MG	Patchy phyllic and argillic with weak potassic. Cut by 3 wide calcite-ankerite-quartz veins with pyrite. Granodiorite has disseminated pyrite in phyllic halos.							
						MD	GN		ARG	3I		
						LT	GN	PO	SIL	3I	Py	1
									POT	1I		
									PHC	3I		
140.60	142.81	2.21	GRD	MG	As previous, but with stronger veining and disseminated pyrite and clay alteration on fractures.							
						MD	GY	PO	SIL	2I	Py	3
						MD	GN		CLY	1I		
									ARG	2I		
									PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
142.81	144.54	1.73	VEN	MG	Pair of wide veins (20cm and 40cm) of white-smoky quartz-calcite-ankerite hosting blebby-cockade zoned sphalerite, blebby-disseminated pyrite, and trace disseminated arsenopyrite.							
						MD	GY	PO	SIL	2I	Py	1
						MD	GN		PHC	4I	Sp	5
144.54	158.75	14.21	GRD	MG	Granodiorite with weak propylitic alteration, overprinted by phyllic-argillic vein halos. Patchy rubble development. Strong argillic alteration is often crumbled.							
						MD	GY	RB	PHC	3I		
						MD	GN	PO	SIL	2I		
						LT	GN		ARG	2I		
									POT	2I		
									PRO	1I		
									CLY	2I		
158.75	179.49	20.74	GRD	MG	Granodiorite with weak pervasive propylitic and patchy, vein-associated phyllic and argillic alteration. Cut by aplite dyklets. Argillic is often crumbled. Cut by few mineralized quartz-carbonate veins with blebby pyrite/sphalerite.							
						MD	GY	PO	SIL	2I		
						MD	GN		PRO	2I		
									ARG	1I		
									PHC	1I		
									POT	1I		
179.49	183.14	3.65	GRD	MG	Granodiorite with baseline weak propylitic alteration, overprinted by phyllic to argillic vein halos. Patchy rubble development. Strong argillic is often crumbled.							
						MD	GN	PO	SIL	2I		
						MD	GY		PRO	2I		
									POT	1I		
									PHC	1I		
									ARG	1I		
183.14	184.05	0.91	GRD	MG	Mineralized granodiorite with significant veining near quartz feldspar porphyry contact. Hosts disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN					
						LT	GN	PO	SIL	2I	Py	3
184.05	184.75	0.70	VEN	MG	Wide white-smoky quartz vein with interstitial-massive calcite and banded-interstitial ankerite. Sulphides are massive pyrite, massive arsenopyrite, blebby-massive zoned honeybrown sphalerite, interstitial-blebby chalcopyrite, and trace blebby galena.							
						MD	BR				As	8
						DK	GY	BN			Py	12
											Gn	1
											Cp	2
											Sp	3
184.75	185.12	0.37	QFP	FG	Strongly hydrothermally altered quartz feldspar porphyry dyke with flow banding and sharp contacts with mineralization in granodiorite. Light green with medium-coarse altered phenocrysts.							
						LT	GN	FL	HYD	4I		
185.12	186.44	1.32	GRD	MG	Mineralized granodiorite with significant veining and clay altered near quartz feldspar porphyry contact.							
						MD	GN		PHC	3I		
						LT	GN	PO	CLY	2I	Py	2
									PRO	1I		
186.44	187.16	0.72	VEN	MG	Vein with massive pyrite, banded ankerite, blebby arsenopyrite, blebby chalcopyrite, massive-banded galena, and blebby zoned honey brown sphalerite. Somky quartz brecciates lower contact with quartz feldspar porphyry.							
						MD	GY	BN			Py	25
						MD	BR				As	3
											Gn	10
											Cp	3
											Sp	8

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
187.16	189.70	2.54	QFP	MG	Quartz feldspar porphyry dyke with two main colours, crosscut by mineralized black breccia. QFP is light green between 187.16-187.88m, mineralized with black breccia at 187.88-188.18m, medium green and crackled from 188.18-188.93m, and dark maroon between 188.93-189.70m.							
						MD	GN					
						LT	GN		HYD	4I		
						DK	MR					
189.70	195.90	6.20	GRD	MG	Crackled granodiorite with weak clay alteration along cracks. Cut by smoky quartz-calcite veins with blebby-disseminated pyrite. Moderate pervasive phyllic with weak patchy argillic. Rubbly and clay altered along end of interval.							
						LT	GN	CR	CLY	2I		
									PHC	3I		
									ARG	2I		
195.90	201.41	5.51	GRD	MG	Argillic with patch potassic overprinting patchy weak propylitic and phyllic alteration.							
						LT	WH	PO	ARG	3I		
						LT	PK		PRO	2I		
									PHC	2I		
									POT	2I		
201.41	214.88	13.47	GRD	MG	Dominated by moderate phyllic-argillic overprinting original granodiorite. Rubbly and fractured, with weak-moderate clay on fracture faces. Argillic is often crumbled and potassic overprinted. Patchy weak silica alteration.							
						MD	GN	FR				
						LT	GY	RB				
						LT	GN	PO				
						LT	PK					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.30	55.32	54.02	GRD	MG	Granodiorite with weak argillic, moderate oxidation, and moderate silica overprint. Black mafic xenoliths (at 1 per 2m).							
						MD	GY		SIL	3I		
						MD	BN	PO	OXI	2I		
									ARG	2I		
55.32	68.78	13.46	GRD	MG	Granodiorite with weak pervasive propylitic, overprinted by phyllic to argillic vein halos. Orange-brown oxidation on fracture faces. Trace potassic in argillic and propylitic. Crosscut by mineralized quartz calcite veins and veinlets, hosting blebby pyrite. Silica overprint.							
						LT	GN		SIL	3I		
						LT	BN		PHC	2I		
									PRO	2I		
									ARG	2I		
									POT	1I		
						MD	GY	PO	OXI	2I		
68.78	130.51	61.73	GRD	MG	Granodiorite with weak pervasive propylitic, overprinted by phyllic to argillic vein halos. Orange-brown oxidation on fracture faces. Trace potassic in argillic and propylitic halos. Crosscut by mineralized quartz-calcite veins and veinlets, hosting blebby pyrite. Silica overprint.							
									POT	2I		
						MD	GY	PO	SIL	2I		
						MD	GN		PRO	2I		
									PHC	1I		
									ARG	1I		
130.51	158.75	28.24	GRD	MG	Granodiorite with baseline weak propylitic alteration, overprinted by many phyllic to argillic vein halos. Patchy rubble development. Strongly mineralized veins between 142-144m, with very well developed sphalerite. Strong argillic is often crumbled. Cut by banded quart-calcite veins.							
									PRO	2I		
						LT	GN		ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PO	SIL	3I	Py	1
						MD	GN	RB	PHC	3I	Sp	1
158.75	179.49	20.74	GRD	MG	Granodiorite with weak pervasive propylitic and patchy, vein-associated phyllic and argillic alteration. Cut by aplite dyklets. Argillic is often crumbled. Cut by few mineralized quartz-carbonate veins with blebby pyrite/sphalerite.							
						MD	GN	PO	SIL	2I		
						MD	GY	PA	PRO	2I		
									POT	1I		
									ARG	1I		
									PHC	1I		
179.49	183.14	3.65	GRD	MG	Granodiorite with baseline weak propylitic alteration, overprinted by phyllic to argillic vein halos. Patchy rubble development. Strong argillic is often crumbled.							
						MD	GY	PO	SIL	2I		
						MD	GN		PRO	2I		
									ARG	1I		
									POT	1I		
									PHC	1I		
183.14	184.75	1.61	GRD	MG	Mineralized granodiorite with significant veining near quartz feldspar porphyry contact. Cut by quartz veins with arsenopyrite, pyrite, sphalerite, galena, and chalcopyrite.							
						MD	GY		PRO	2I	As	6
									PHC	2I	Sp	4
									ARG	1I	Cp	1
						MD	GN	PO	SIL	2I	Py	10
184.75	185.12	0.37	QFP	FG	Strongly hydrothermally altered quartz feldspar porphyry dyke with flow banding and sharp contacts with mineralization in granodiorite. Light green with medium-coarse altered phenocrysts.							
						LT	GN	FL	HYD	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
185.12	187.16	2.04	GRD	MG	Mineralized granodiorite with significant veining and clay altered near quartz feldspar porphyry contact. Cut by quartz veins with arsenopyrite, pyrite, sphalerite, chalcopyrite, and galena.							
						LT	GN	PO	CLY	2I	Py	15
						MD	GN		PHC	3I	As	1
									PRO	1I	Gn	6
											Cp	1
											Sp	4
187.16	189.70	2.54	QFP	FG	Quartz feldspar porphyry dyke with two main colours, crosscut by mineralized black breccia. QFP is light green between 187.16-187.88m, mineralized with black breccia at 187.88-188.18m, medium green and crackled from 188.18-188.93m, and dark maroon between 188.93-189.70m.							
						MD	GN		HYD	4I		
						LT	GN					
						DK	MR					
189.70	195.90	6.20	GRD	MG	Crackled granodiorite with weak clay alteration along cracks. Cut by smoky quartz-calcite veins with blebby-disseminated pyrite. Moderate pervasive phyllic with weak patchy argillic. Rubbly and clay altered along end of interval.							
						LT	GN	CR	CLY	2I		
									PHC	3I		
									ARG	2I		
195.90	214.88	18.98	GRD	MG	Dominated by moderate phyllic-argillic overprinting original granodiorite. Rubbly and fractured, with weak-moderate clay on fracture faces. Argillic is often crumbled and potassic overprinted. Patchy weak silica alteration.							
						LT	GN	RB	SIL	2I		
						LT	PK	FR	ARG	3I		
						LT	GY	PO	PHC	3I		
						MD	GN		PRO	2I		
									POT	1I		
									CLY	2I		

KL-14-151

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	casing
1.52	4.57	3.05	1.22	40	0.00	0	--	1H	5W	
4.57	7.62	3.05	2.42	79	0.79	26	--	2H	5W	
7.62	10.67	3.05	2.53	83	1.70	56	--	3H	3W	
10.67	13.72	3.05	2.64	87	1.47	48	--	4H	3W	
13.72	16.76	3.04	2.88	95	1.73	57	--	4H	3W	
16.76	19.81	3.05	2.98	98	0.86	28	--	4H	3W	
19.81	22.86	3.05	2.91	95	2.15	70	--	3H	3W	
22.86	25.91	3.05	2.96	97	2.20	72	--	4H	2W	
25.91	28.96	3.05	2.99	98	1.56	51	--	4H	3W	
28.96	32.00	3.04	2.69	88	1.70	56	--	4H	2W	
32.00	35.05	3.05	2.09	69	1.29	42	--	3H	3W	
35.05	38.10	3.05	2.04	67	0.61	20	--	3H	4W	
38.10	41.15	3.05	2.89	95	2.07	68	--	4H	3W	
41.15	44.20	3.05	2.88	94	2.06	68	--	4H	2W	
44.20	47.24	3.04	2.78	91	1.79	59	--	4H	3W	
47.24	50.29	3.05	2.94	96	1.68	55	--	4H	3W	
50.29	53.34	3.05	2.91	95	1.97	65	--	4H	3W	
53.34	56.39	3.05	2.64	87	1.70	56	--	4H	3W	
56.39	59.44	3.05	3.05	100	2.27	74	--	4H	3W	
59.44	62.48	3.04	2.6	86	0.73	24	--	3H	3W	
62.48	65.53	3.05	2.09	69	1.25	41	--	3H	2W	
65.53	68.58	3.05	2.89	95	2.22	73	--	4H	2W	
68.58	71.63	3.05	3.03	99	2.96	97	--	4H	2W	
71.63	74.68	3.05	2.93	96	2.69	88	--	4H	1W	
74.68	77.72	3.04	2.94	97	2.57	85	--	4H	1W	
77.72	80.77	3.05	2.96	97	2.25	74	--	4H	2W	
80.77	83.82	3.05	3.02	99	2.33	76	--	4H	1W	
83.82	86.87	3.05	3	98	2.09	69	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.99	98	2.42	79	--	3H	1W	
89.92	92.96	3.04	2.95	97	1.06	35	--	4H	1W	
92.96	96.01	3.05	3.01	99	2.42	79	--	4H	1W	
96.01	99.06	3.05	2.98	98	2.75	90	--	4H	1W	
99.06	102.11	3.05	2.89	95	1.47	48	--	4H	1W	
102.11	105.16	3.05	2.93	96	1.70	56	--	4H	1W	
105.16	108.20	3.04	2.92	96	1.91	63	--	4H	1W	
108.20	111.25	3.05	2.74	90	1.15	38	--	3H	1W	
111.25	114.30	3.05	2.65	87	1.55	51	--	4H	1W	
114.30	117.35	3.05	2.34	77	0.30	10	--	1H	1W	
117.35	120.40	3.05	2.75	90	1.65	54	--	2H	1W	
120.40	123.44	3.04	2.96	97	2.72	89	--	4H	1W	
123.44	126.49	3.05	3.04	100	2.28	75	--	4H	1W	
126.49	129.54	3.05	2.93	96	2.78	91	--	4H	1W	
129.54	132.59	3.05	3.05	100	2.40	79	--	3H	1W	
132.59	135.64	3.05	2.98	98	2.67	88	--	3H	1W	
135.64	138.68	3.04	3.04	100	2.61	86	--	3H	1W	
138.68	141.73	3.05	2.88	94	2.19	72	--	4H	1W	
141.73	144.78	3.05	2.9	95	1.94	64	--	2H	1W	
144.78	147.83	3.05	2.94	96	2.38	78	--	4H	1W	
147.83	150.88	3.05	2.88	94	1.07	35	--	2H	1W	Rubble
150.88	153.92	3.04	2.81	92	1.13	37	--	3H	1W	Rubble
153.92	156.97	3.05	2.7	89	1.33	44	--	2H	1W	
156.97	160.02	3.05	2.62	86	1.55	51	--	3H	1W	
160.02	163.07	3.05	2.91	95	2.45	80	--	4H	1W	
163.07	166.12	3.05	2.71	89	1.90	62	--	4H	1W	
166.12	169.16	3.04	3.04	100	2.70	89	--	4H	1W	
169.16	172.21	3.05	2.9	95	2.13	70	--	4H	1W	
172.21	175.26	3.05	2.98	98	1.05	34	--	2H	1W	
175.26	178.31	3.05	2.91	95	0.80	26	--	4H	1W	
178.31	181.36	3.05	3	98	1.39	46	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.36	184.40	3.04	2.94	97	2.18	72	--	3H	1W	
184.40	187.45	3.05	2.81	92	2.04	67	--	3H	1W	
187.45	190.50	3.05	2.86	94	1.96	64	--	3H	1W	
190.50	193.55	3.05	2.99	98	2.61	86	--	2H	1W	
193.55	196.60	3.05	2.35	77	0.79	26	--	2H	1W	Rubble
196.60	199.64	3.04	2.53	83	1.55	51	--	3H	1W	
199.64	202.69	3.05	2.76	90	0.97	32	--	2H	1W	
202.69	205.74	3.05	3.05	100	0.46	15	--	2H	1W	Rubble
205.74	208.79	3.05	3.05	100	1.34	44	--	2H	1W	
208.79	211.84	3.05	2.29	75	0.80	26	--	1H	1W	
211.84	214.88	3.04	3.04	100	1.86	61	--	3H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	9.23	GRD	
3	10.6	GRD	
4	10.4	GRD	
5	12.6	GRD	
6	0.274	GRD	
7	7.11	GRD	
8	0.389	GRD	
9	15.3	GRD	
10	0.638	GRD	
11	15.9	GRD	
12	13	GRD	
13	16.5	GRD	
14	16.6	GRD	
15	19	GRD	
16	16.2	GRD	
17	7.31	GRD	
18	13.3	GRD	
19	13.7	GRD	
20	11.6	GRD	
21	0.539	GRD	
22	0.312	GRD	
23	19.7	GRD	
24	19.6	GRD	
25	13.1	GRD	
26	17.6	GRD	
27	14.3	GRD	
28	15.2	GRD	
29	16.7	GRD	
30	16.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	15.7	GRD	
32	14.5	GRD	
33	15.3	GRD	
34	11.5	GRD	
35	17.2	GRD	
36	13.1	GRD	
37	10.2	GRD	
38	15.7	GRD	
39	0.411	GRD	
40	15.9	GRD	
41	15.5	GRD	
42	11.8	GRD	
43	14.9	GRD	
45	20.1	GRD	
46	17.5	GRD	
47	0.781	GRD	
48	12.4	GRD	
49	15	GRD	
50	3.17	GRD	
51	16.7	GRD	
52	7.89	GRD	
53	0.882	GRD	
54	16.9	GRD	
55	17.5	GRD	
56	11.8	GRD	
57	16.4	GRD	
58	0.636	GRD	
59	17.1	GRD	
60	1.35	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	1.42	GRD	
62	0.298	GRD	
63	0.383	GRD	
64	2.73	GRD	
65	1.27	GRD	
66	0.442	GRD	
67	0.285	GRD	
68	0.282	GRD	
69	11.2	GRD	
70	1.14	GRD	
71	5.19	GRD	
72	12	GRD	
73	16.4	GRD	
74	15.9	GRD	
75	13.7	GRD	
76	0.397	GRD	
77	15.5	GRD	
78	15.3	GRD	
79	12.6	GRD	
80	15.5	GRD	
81	14	GRD	
82	9.9	GRD	
83	8.42	GRD	
84	10.4	GRD	
85	15.2	GRD	
86	4.48	GRD	
87	0.382	GRD	
88	0.418	GRD	
89	3.1	GRD	
90	0.576	GRD	
91	11.5	GRD	
92	0.464	GRD	
93	0.319	GRD	
94	15	GRD	
95	15.6	GRD	
96	15.4	GRD	
97	10.6	GRD	
98	14.4	GRD	
99	15.1	GRD	
100	14.3	GRD	
101	12.6	GRD	
102	113	GRD	
103	0.668	GRD	
104	16.2	GRD	
105	14.3	GRD	
106	9.14	GRD	
107	9.9	GRD	
108	10.6	GRD	
109	17.4	GRD	
110	15.4	GRD	
111	10.4	GRD	
112	14	GRD	
113	4.72	GRD	
114	14.3	GRD	
115	16.4	GRD	
117	0.453	GRD	
118	0.278	GRD	
119	0.427	GRD	
120	4.96	GRD	
121	13.5	GRD	
122	10.7	GRD	
123	12.2	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	12.5	GRD	
125	13.7	GRD	
126	13.4	GRD	
127	10.1	GRD	
128	15.2	GRD	
129	0.662	GRD	
130	23.4	GRD	
131	1.56	GRD	
132	0.397	GRD	
133	0.391	GRD	
134	0.482	GRD	
135	0.614	GRD	
136	0.605	GRD	
137	0.352	GRD	
138	0.289	GRD	
139	0.446	GRD	
140	0.49	GRD	
141	0.273	GRD	
142	0.513	GRD	
143	3.24	GRD	
144	0.03	GRD	
145	0.507	GRD	
146	0.343	GRD	
147	0.651	GRD	
148	0.495	GRD	
149	0.47	GRD	
150	1.02	GRD	
151	8.7	GRD	
152	3.3	GRD	
153	0.35	GRD	
154	0.372	GRD	
155	1.35	GRD	
156	8.6	GRD	
157	2.59	GRD	
158	0.654	GRD	
159	15.9	GRD	
160	2.6	GRD	
161	15.7	GRD	
162	19.5	GRD	
163	17.6	GRD	
164	17.8	GRD	
165	16.2	GRD	
166	19.6	GRD	
167	19.2	GRD	
168	17.2	GRD	
169	16.6	GRD	
170	13.7	GRD	
171	1.27	GRD	
172	12.8	GRD	
173	1.19	GRD	
174	0.829	GRD	
175	4.35	GRD	
176	15.4	GRD	
177	19.1	GRD	
178	0.431	GRD	
179	0.576	GRD	
180	0.624	GRD	
181	0.694	GRD	
182	9.81	GRD	
183	0.555	GRD	
184	0.201	GRD	
185	0.258	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	0.5	GRD	
187	1.73	GRD	
188	0.757	QFP	
189	0.376	QFP	
190	0.277	GRD	
191	0.271	GRD	
192	0.337	GRD	
193	0.261	GRD	
194	0.28	GRD	
195	1.14	GRD	
196	0.443	GRD	
197	1.67	GRD	
198	2.04	GRD	
199	0.501	GRD	
200	2.42	GRD	
201	2.85	GRD	
202	0.218	GRD	
203	0.18	GRD	
204	0.302	GRD	
205	0.383	GRD	
206	0.395	GRD	
207	0.514	GRD	
208	0.48	GRD	
209	0.43	GRD	
210	0.404	GRD	
211	0.293	GRD	
212	0.435	GRD	
213	0.398	GRD	
214	0.363	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381709	6890172	1291.66	85.04

ZONE: Western BRX

SECTION:

HOLE: KL-14-152

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jun 19 - Jun 19, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.83	38.8	-49.2	Reflex
85.04	35.8	-48.6	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.85	2.85	CAS
2.85	10.16	7.31	GRD
10.16	60.3	50.14	GRD
60.3	60.7	0.4	GRD
60.7	62.08	1.38	QFP
62.08	62.82	0.74	BXA
62.82	66.55	3.73	GRD
66.55	68.98	2.43	GRD
68.98	85.04	16.06	GRD

SAMPLES	
Numbers:	Q016785 to Q016790, Q924113 to Q924150, Q924500
Total:	49
Batch:	023, 026, 039, 047
Certificates:	WH14099752, WH14099754, WH14099759, WH14104752

COMMENTS

Box Log

KL-14-152

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.85	6.16
2	6.16	10.3
3	10.3	14
4	14	17.89
5	17.89	21.63
6	21.63	25.69
7	25.69	29.57
8	29.57	33.31
9	33.31	37.06
10	37.06	40.8
11	40.8	44.46
12	44.46	47.58
13	47.58	51.54
14	51.54	55.44
15	55.44	59.12
16	59.12	62.75
17	62.75	66.48
18	66.48	70.64
19	70.64	74.39
20	74.39	78.09
21	78.09	81.82
22	81.82	85.04

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-152									
	62.48	10.7	HQ	BXA	1002	673.1	3.2	3.1	Strongly silicified, mineralized breccia with blebby quartz and veins, veinlets, blebs, semi massive and disseminated pyrite and arsenopyrite. Blebby sphalerite and carbonate vugs present
	62.61	8.5	HQ	BXA	838.9	593.5	3.38	3.4	Strongly silicified, mineralized breccia with blebby and disseminated pyrite, arsenopyrite, sphalerite, calcite and netted calcite veins.
	63.09	12.7	HQ	GRD	1374.4	1005.3	3.7	3.7	Half 50 degree mineralized quartz veins with intermixed semi-massive and blebby arsenopyrite and pyrite and belbby chalcopyrite. Half moderate phyllic altered granodiorite with veinlets, disseminated pyrite and disseminated arsenopyrite.
	63.28	20	HQ	GRD	1873.8	1207	3.21	2.8	Moderate phyllic altered granodiorite with propalytic overprint and moderate silicification. Cut by 30 degree mineralized quartz calcite vein with blebby ankerite, sphalerite, galena and pyrite. Veinlets and blebby pyrite throughout.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.85	10.16	7.31	GRD	MG	Appears to be strongly gouge altered and oxidized argillic altered granodiorite. Oxidation and gouge obscures most rock textures.							
						MD	OR					
						MD	GY					
						MD	BN		ARG	3I		
10.16	17.16	7.00	GRD	MG	Unaltered granodiorite with moderate oxidation mostly confined to fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR					
17.16	20.47	3.31	GRD	MG	Moderate argillic altered granodiorite strongly and pervasively oxidized. Weak propyllitic overprint.							
						MD	OR		OXI	4I		
						LT	WH		ARG	3I		
									PRO	2I		
20.47	21.20	0.73	GRD	MG	Unaltered granodiorite with moderate oxidation mostly confined to fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR					
21.20	23.34	2.14	GRD	MG	Strongly oxidized moderately silicified phyllic altered granodiorite with patchy alteration. Oxidation obscures rock textures.							
						MD	GY		SIL	3I		
						MD	OR		OXI	4I		
									PHC	3I		
									ARG	3I		
23.34	34.20	10.86	GRD	MG	Unaltered granodiorite with moderate oxidation mostly confined to fracture surfaces.							
						MD	OR		OXI	3I		
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
34.20	35.35	1.15	GRD	MG	Strongly oxidized moderately silicified phyllic altered granodiorite with patchy alteration. Oxidation obscures rock textures.							
						MD	GY		SIL	3I		
						MD	OR		OXI	4I		
									ARG	3I		
									PHC	3I		
35.35	36.25	0.90	GRD	MG	Unaltered granodiorite with moderate oxidation mostly confined to fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR					
36.25	39.92	3.67	GRD	MG	Strongly oxidized moderately silicified phyllic altered granodiorite with patchy alteration. Oxidation obscures rock textures.							
						MD	OR		OXI	4I		
						MD	GY		SIL	3I		
									PHC	3I		
									ARG	3I		
39.92	45.85	5.93	GRD	MG	Unaltered granodiorite with moderate oxidation mostly confined to fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR					
45.85	48.00	2.15	GRD	MG	Partially gouge altered strongly oxidized moderately silicified phyllic altered granodiorite with patchy alteration. Oxidation obscures rock textures.							
						MD	GY		SIL	3I		
						MD	OR		OXI	4I		
									PHC	3I		
									ARG	3I		
48.00	49.70	1.70	GRD	MG	Weak propyllitic altered granodiorite with patchy weak argillic alteration.							
						MD	GY		PRO	2I		
						LT	WH					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		ARG	2I		
49.70	60.30	10.60	GRD	MG	Unaltered granodiorite with moderate oxidation mostly confined to fracture surfaces.							
						MD	OR					
						MD	GY		OXI	3I		
60.30	60.70	0.40	GRD	MG	Propyllitic and potassic overprinted moderate argillic alteration transitioning to moderate phyllic alteration proximal to dyke contact.							
						MD	PK		ARG	3I		
						LT	GN		POT	2I		
						LT	WH		PHC	3I		
						DK	GN		PRO	2I		
60.70	62.08	1.38	QFP	MG	Dark red and light grey quartz feldspar porphyry dyke. First 35cm are dark red, the rest is light grey. Entire dyke is partially gouge altered.Contacts are orientedat 40 degrees and 60 degrees TCA.							
						LT	GY					
						DK	RD					
62.08	62.82	0.74	BXA	--	Silicified smokey quartz breccia hosting disseminated to blebby pyrite, arsenopyrite, galena and sphalerite.							
											As	8
											Gn	1
											Py	15
											Sp	1
62.82	66.55	3.73	GRD	MG	Strongly phyllic/silica altered granodiorite that transition to moderate phyllic/silica alteration with a weak potassic overprint distally from vein. Strong phyllic alteration hosts disseminated pyrite and multiple quartz/sulphide veins.							
						MD	GY		SIL	4I		
						MD	GN		SIL	3I		
						LT	GN		PHC	4I		
									PHC	3I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
66.55	68.98	2.43	GRD	MG	Moderate argillic granodiorite with a weak potassic overprint. 35cm patch of moderate propyllitic and weak potassic alteration in the center of the interval.							
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
68.98	70.64	1.66	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		PRO	1I		
						MD	PK		POT	1I		
70.64	72.27	1.63	GRD	MG	Moderate argillic alteration with a weak potassic/propyllitic overprint.							
						MD	PK					
						LT	GN					
						DK	GN					
72.27	73.32	1.05	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	1I		
						MD	PK		PRO	1I		
73.32	74.07	0.75	GRD	MG	Moderate argillic altered granodiorite with a weak phyllic and potassic overprint.							
						MD	PK		PHC	2I		
						LT	GN		ARG	3I		
									POT	2I		
74.07	76.32	2.25	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	1I		
						MD	PK		PRO	1I		
76.32	80.03	3.71	GRD	MG	Moderate phyllic and argillic altered granodiorite with a weak potassic overprint.							
									ARG	3I		
									PHC	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
80.03	85.04	5.01	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	1I		
						MD	GY		POT	1I		

KL-14-152

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.85	10.16	7.31	GRD	MG	Appears to be strongly gouge altered and oxidized argillic altered granodiorite. Oxidation and gouge obscures most rock textures.							
						MD	OR					
						MD	BN	RB	ARG	3I		
						MD	GY					
10.16	60.30	50.14	GRD	MG	Unaltered granodiorite with moderate oxidation mostly confined to fracture surfaces.							
						MD	OR					
						MD	GY		OXI	3I		
60.30	60.70	0.40	GRD	MG	Propyllitic and potassic overprinted moderate argillic alteration transitioning to moderate phyllic alteration proximal to dyke contact.							
						LT	GN		POT	2I		
						LT	WH		PHC	3I		
						MD	PK		ARG	3I		
						DK	GN		PRO	2I		
60.70	62.08	1.38	QFP	FG	Dark red and light grey quartz feldspar porphyry dyke. First 35cm are dark red, the rest is light grey. Entire dyke is partially gouge altered.Contacts are orientedat 40 degrees and 60 degrees TCA.							
						LT	GY					
						DK	RD					
62.08	62.82	0.74	BXA	--	Silicified smokey quartz breccia hosting disseminated to blebby pyrite, arsenopyrite, galena and sphalerite.							
						MD	GY				As	8
											Gn	1
											Sp	1
						DK	BK				Py	15

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
62.82	66.55	3.73	GRD	MG	Strongly phyllic/silica altered granodiorite that transition to moderate phyllic/silica alteration with a weak potassic overprint distally from vein. Strong phyllic alteration hosts disseminated pyrite and multiple quartz/sulphide veins.							
						MD	GY		SIL	4I	Py	1
						MD	GN		SIL	3I		
									PRO	2I		
									PHC	3I		
						LT	GN		PHC	4I		
66.55	68.98	2.43	GRD	MG	Moderate argillic granodiorite with a weak potassic overprint. 35cm patch of moderate propyllitic and weak potassic alteration in the center of the interval.							
						DK	GN		PRO	3I		
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
68.98	85.04	16.06	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	1I		
						MD	GY		POT	1I		

KL-14-152

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.85	2.85	0	0	0.00	0	--	--	--	
2.85	5.18	2.33	1.82	78	0.51	22	--	1H	5W	
5.18	8.23	3.05	2.8	92	0.86	28	--	2H	5W	
8.23	11.28	3.05	2.95	97	1.74	57	--	3H	3W	
11.28	14.33	3.05	2.98	98	2.38	78	--	4H	2W	
14.33	17.37	3.04	3.04	100	2.55	84	--	4H	2W	
17.37	20.42	3.05	2.71	89	1.74	57	--	3H	3W	
20.42	23.47	3.05	3	98	2.30	75	--	3H	3W	
23.47	26.52	3.05	3.05	100	2.45	80	--	4H	2W	
26.52	29.57	3.05	2.97	97	2.42	79	--	4H	2W	
29.57	32.61	3.04	2.99	98	2.14	70	--	4H	2W	
32.61	35.66	3.05	2.98	98	1.87	61	--	3H	3W	
35.66	38.71	3.05	3.05	100	2.10	69	--	4H	2W	
38.71	41.76	3.05	3.05	100	2.37	78	--	5H	2W	
41.76	44.81	3.05	2.97	97	2.22	73	--	5H	2W	
44.81	47.86	3.05	3.02	99	2.58	85	--	2H	4W	
47.86	50.91	3.05	3.05	100	1.85	61	--	3H	2W	
50.91	53.95	3.04	3.03	100	2.29	75	--	4H	2W	
53.95	57.00	3.05	3.01	99	1.82	60	--	4H	2W	
57.00	60.05	3.05	2.95	97	1.82	60	--	4H	1W	
60.05	63.09	3.04	3.04	100	1.96	64	--	3H	1W	
63.09	66.14	3.05	3.05	100	2.33	76	--	3H	1W	
66.14	69.19	3.05	3.05	100	2.54	83	--	3H	1W	
69.19	72.24	3.05	3.05	100	2.27	74	--	3H	1W	
72.24	75.29	3.05	3.02	99	2.18	71	--	3H	1W	
75.29	78.33	3.04	3.04	100	2.47	81	--	3H	1W	
78.33	81.38	3.05	3	98	2.72	89	--	3H	1W	
81.38	84.43	3.05	3.05	100	2.83	93	--	4H	1W	
84.43	85.04	0.61	0.6	98	0.43	70	--	4H	1W	

KL-14-152

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	0.305	GRD	
4	4.48	GRD	
5	0.277	GRD	
6	0.233	GRD	
7	0.175	GRD	
8	0.212	GRD	
9	0.235	GRD	
10	0.916	GRD	
11	13.4	GRD	
12	22.1	GRD	
13	1.2	GRD	
14	9.46	GRD	
15	16.1	GRD	
16	15.3	GRD	
17	2.62	GRD	
18	0.788	GRD	
19	10.4	GRD	
20	1.25	GRD	
21	12.7	GRD	
22	0.293	GRD	
23	0.328	GRD	
24	12.4	GRD	
25	2	GRD	
26	3	GRD	
27	8.16	GRD	
28	0.711	GRD	
29	14.8	GRD	
30	16.2	GRD	
31	15.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	12.3	GRD	
33	12.7	GRD	
34	12	GRD	
35	0.461	GRD	
36	1.32	GRD	
37	0.412	GRD	
38	0.316	GRD	
39	0.393	GRD	
40	0.851	GRD	
41	0.454	GRD	
42	12.8	GRD	
43	11.5	GRD	
44	7.73	GRD	
45	13.4	GRD	
46	0.324	GRD	
47	0.382	GRD	
48	0.663	GRD	
49	0.501	GRD	
50	5.19	GRD	
51	0.777	GRD	
52	12.9	GRD	
53	21.9	GRD	
54	19.2	GRD	
55	15.2	GRD	
56	18.5	GRD	
57	9.16	GRD	
58	0.726	GRD	
59	18.7	GRD	
60	0.612	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	0.334	QFP	
62	0.377	QFP	
63	0.132	GRD	
64	0.173	GRD	
65	0.267	GRD	
66	0.616	GRD	
67	1.97	GRD	
68	0.626	GRD	
69	3.37	GRD	
70	0.433	GRD	
71	0.651	GRD	
72	0.801	GRD	
73	0.33	GRD	
74	0.383	GRD	
75	1.07	GRD	
76	1.73	GRD	
77	0.472	GRD	
78	0.604	GRD	
79	0.441	GRD	
80	5.27	GRD	
81	4.72	GRD	
82	0.809	GRD	
83	4.17	GRD	
84	8.72	GRD	
85	3.58	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381750	6890137	1299.25	96.62

ZONE: Western BRX

SECTION:

HOLE: KL-14-153

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jun 19 - Jun 20, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
5.18	35.2	-49.9	Reflex
96.62	36.1	-49.3	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.65	3.65	CAS
3.65	13.15	9.5	GRD
13.15	24.18	11.03	GRD
24.18	59.25	35.07	GRD
59.25	64.69	5.44	GRD
64.69	66.75	2.06	QFP
66.75	67.1	0.35	VEN
67.1	71.51	4.41	QFP
71.51	72.06	0.55	BXA
72.06	72.29	0.23	GRD
72.29	72.77	0.48	QFP
72.77	73.34	0.57	VEN
73.34	76.02	2.68	GRD
76.02	94.77	18.75	GRD
94.77	96.62	1.85	GRD

SAMPLES	
Numbers:	Q016798 to Q016809, Q924151 to Q924194, Q924196 to Q924203
Total:	65
Batch:	026, 029, 030, 039, 052
Certificates:	WH14099754, WH14099757, WH14099758, WH14099759, WH14104753

COMMENTS

Box Log

KL-14-153

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.65	7.44
2	7.44	11.28
3	11.28	15.4
4	15.4	20
5	20	23.8
6	23.8	27.86
7	27.86	31.39
8	31.39	35.15
9	35.15	38.85
10	38.85	42.62
11	42.62	46.38
12	46.38	50.25
13	50.25	53.95
14	53.95	57.61
15	57.61	61.37
16	61.37	65.14
17	65.14	68.68
18	68.68	72.24
19	72.24	75.95
20	75.95	79.6
21	79.6	83.45
22	83.45	87.48
23	87.48	91.68
24	91.68	95.46
25	95.46	96.62

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-153									
	28.96	12.6	HQ	GRD	1006.6	625.5	2.73	2.6	Strongly silicified breccia with limonite, goethite, pyrite, quartz, calcite, ankerite, and sphalerite. Wormy textures in all.
	64.31	15	HQ	GRD	1489.6	930	3.4	2.7	3 main sections: 1 - Semi-massive pyrite and arsenopyrite with 0.5cm milky quartz. 2 - Moderate phyllic altered granodiorite with overprinting silicification cut by ankerite veinlets and disseminated pyrite. 3 - Intergrown ankerite-calcite-sulphides with wormy textures.
	65.95	17.5	HQ	QFP	1929	1430	3.77	3.9	Grey-green quartz feldspar porphyry dyke with blebby and disseminated calcite. Hosts disseminated pyrite and sphalerite.
	66.72	11.3	HQ	QFP	998	665.6	3.02	3.0	Strongly silicified breccia with smoky quartz veinlets, sphalerite, and pyrite. Cut by pyrite veinlets.
	66.82	10.5	HQ	VEN	1490.2	1102.6	4.86	3.8	Smoky-clear quartz vein with blebby and semi-massive pyrite. Netted calcite veinlets.
	71.67	11.2	HQ	BXA	952.4	624.6	2.91	2.9	White silicified breccia with abundant netted ankerite veinlets and disseminated pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	72.98		HQ	VEN	1352.3		3.92		alternating banded vein with honey-brown sphalerite with blebby calcite, clear quartz, massive pyrite with blebby chalcopyrite, massive pyrite with blebby chalcopyrite and arsenopyrite and clear quartz and arsenopyrite.
	73.1	14.7	HQ	VEN	1371.4	917.5	3.19	3.0	Mineralized quartz vein with netted calcite-ankerite veinlets, blebby pyrite and sphalerite, and discontinuous pyrite veining.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.65	13.15	9.50	GRD	MG	Moderate to strongly oxidized granodiorite with patchy argillic alteration. Partially gouge altered.							
						MD	OR		OXI	4I		
						LT	GY	RB	ARG	3I		
						LT	WH	PA	OXI	3I		
13.15	24.18	11.03	GRD	MG	Alternating patches of moderate phyllic and moderate argillic alteration. Interval is pervasively strong to intensely oxidized. Oxidation obscures rock textures.							
						MD	OR	RB	PHC	3I		
						LT	GN	PA	ARG	3I		
						LT	WH		OXI	4I		
									OXI	5I		
24.18	44.32	20.14	GRD	MG	Trace potassic and propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Small patches of argillic alteration.							
						MD	GY		OXI	3I		
									ARG	3I		
									PRO	1I		
									POT	1I		
44.32	46.23	1.91	GRD	MG	Moderate propyllitic and weak phyllic altered granodiorite. Hosts and abundance of white carbonate veins.							
						MD	GY		PRO	3I		
						LT	GN		PHC	2I		
						DK	GN					
46.23	53.64	7.41	GRD	MG	Trace potassic and propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Small patches of argillic alteration.							
						MD	GY		PRO	1I		
									POT	1I		
									OXI	3I		
									ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
53.64	56.33	2.69	GRD	MG	Moderate silicification and phyllic altered envelope around a quartz/carbonate/pyrite vein that has been oxidized and gouge altered. Phyllic alteration transitions to argillic with a weak propyllitic overprint alteration distally from vein.							
						MD	GN		OXI	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									PRO	2I		
56.33	59.25	2.92	GRD	MG	Trace potassic and propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Small patches of argillic alteration.							
						MD	GY		OXI	3I		
									PRO	1I		
									POT	1I		
									ARG	3I		
59.25	64.69	5.44	GRD	MG	Moderately silicified and phyllic altered granodiorite. Phyllic intensity increases to strong proximal to dyke. Strong phyllic alteration hosts quartz/sulphide veining and disseminated pyrite. Moderate oxidation along fracture surfaces.							
						MD	GY		PHC	3I	Py	1
						MD	GN		PHC	3I		
						DK	GN		PRO	4I		
64.69	66.75	2.06	QFP	FG	Light grey quartz feldspar porphyry dyke hosting an abundance of quartz/carbonate veining. Sharp contacts with granodiorite at 65 degrees TCA. End of dyke is 20cm of dark red dyke that transitions to 13 cm of light tan dyke. Dyke to dyke contacts are sharp and oriented at 25 degrees and 35 degrees TCA respectively. Contact with vein is gouge altered and oriented at 50 degrees TCA.							
						LT	GY	PO				
						LT	TN					
						DK	RD					
66.75	67.10	0.35	VEN	--	Smokey quartz/sulphide vein hosting disseminated to semi-massive pyrite and blebby arsenopyrite, chalcopyrite and sphalerite. Vein occurs within dyke.							
											Py	30

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											As	1
											Cp	1
											Sp	1
67.10	71.51	4.41	QFP	FG	Medium grey quartz feldspar porphyry dyke hosting multiple quartz carbonate veinlets. Sharp contact with vein oriented @ 70 degrees TCA and with breccia at 55 degrees TCA.							
						MD	GY	PO				
71.51	72.06	0.55	GRD	MG	Silicified smokey quartz/white carbonate breccia hosting disseminated to blebby pyrite, arsenopyrite, sphalerite and galena. 6 cm in the middle of the breccia has been altered to gouge.							
											Py	5
											As	1
											Gn	1
											Sp	1
72.06	72.29	0.23	GRD	MG	Small interval of strong silicified and phyllic altered granodiorite between breccia and dyke. Hosts disseminated pyrite and a small smokey quartz breccia.							
						MD	GY		SIL	4I	Py	1
						MD	GN		PHC	4I		
72.29	72.77	0.48	QFP	FG	Medium grey, fine grained quartz feldspar porphyry dyke. Partially gouge altered and hosts smokey quartz and white carbonate veining. Contact with granodiorite is oriented at 45 degrees TCA and contact with vein oriented at 50 degrees TCA.							
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
72.77	73.34	0.57	VEN	--	Silicified mineralized vein zone, consisting of three veins. Vein 1 is a silicified and brecciated quartz feldspar dyke. Smokey quartz brecciates quartz feldspar porphyry dyke and hosts disseminated pyrite. Veins 1 and 2 are separated by 4cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite. Vein 2 is a smokey quartz/massive sulphide vein. Hosts blebby pyrite, arsenopyrite, sphalerite, galena and chalcopyrite. Vein 2 and 3 are separated by 7 cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite. Vein 3 is a grey to smokey quartz vein hosting disseminated to blebby pyrite and disseminated arsenopyrite, sphalerite and galena.							
											Sp	1
											Cp	1
											As	1
											Py	5
											Gn	1
73.34	76.02	2.68	GRD	MG	Moderately phyllic altered granodiorite with patchy argillic and propyllitic alteration.							
						MD	GN		ARG	2I		
						LT	GN		PHC	3I		
									PRO	2I		
76.02	81.15	5.13	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
84.43	88.13	3.70	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
88.13	91.58	3.45	GRD	MG	Moderately argillic altered granodiorite with a moderate potassic overprint.							
						MD	PK		POT	3I		
						LT	GN		PHC	1I		
						LT	WH		ARG	3I		
									PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
91.58	94.77	3.19	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
94.77	96.62	1.85	GRD	MG	Moderately argillic altered granodiorite with a moderate potassic and weak propyllitic overprint.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		

KL-14-153

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.65	13.15	9.50	GRD	MG	Moderate to strongly oxidized granodiorite with patchy argillic alteration. Partially gouge altered.							
						MD	OR		OXI	4I		
						LT	WH	PA	OXI	3I		
						LT	GY	RB	ARG	3I		
13.15	24.18	11.03	GRD	MG	Alternating patches of moderate phyllic and moderate argillic alteration. Interval is pervasively strong to intensely oxidized. Oxidation obscures rock textures.							
						LT	WH		OXI	4I		
									OXI	5I		
						LT	GN	PA	ARG	3I		
						MD	OR	RB	PHC	3I		
24.18	59.25	35.07	GRD	MG	Trace potassic and propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Small patches of argillic alteration.							
						MD	GY		PRO	1I		
									POT	1I		
									ARG	3I		
									OXI	3I		
59.25	64.69	5.44	GRD	MG	Moderately silicified and phyllic altered granodiorite. Phyllic intensity increases to strong proximal to dyke. Strong phyllic alteration hosts quartz/sulphide veining and disseminated pyrite. Moderate oxidation along fracture surfaces.							
						MD	GN		PHC	3I		
						DK	GN		PRO	4I		
						MD	GY		PHC	3I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
64.69	66.75	2.06	QFP	FG	Light grey quartz feldspar porphyry dyke hosting an abundance of quartz/carbonate veining. Sharp contacts with granodiorite at 65 degrees TCA. End of dyke is 20cm of dark red dyke that transitions to 13 cm of light tan dyke. Dyke to dyke contacts are sharp and oriented at 25 degrees and 35 degrees TCA respectively. Contact with vein is gouge altered and oriented at 50 degrees TCA.							
						LT	GY	PO				
						DK	RD					
						LT	TN					
66.75	67.10	0.35	VEN	--	Smokey quartz/sulphide vein hosting disseminated to semi-massive pyrite and blebby arsenopyrite, chalcopyrite and sphalerite. Vein occurs within dyke.							
											Sp	1
											As	1
											Cp	1
											Py	30
67.10	71.51	4.41	QFP	FG	Medium grey quartz feldspar porphyry dyke hosting multiple quartz carbonate veinlets. Sharp contact with vein oriented @ 70 degrees TCA and with breccia at 55 degrees TCA.							
						MD	GY	PO				
71.51	72.06	0.55	BXA	--	Silicified smokey quartz/white carbonate breccia hosting disseminated to blebby pyrite, arsenopyrite, sphalerite and galena. 6 cm in the middle of the breccia has been altered to gouge.							
						DK	BK				Py	5
											Sp	1
											Gn	1
						DK	GY				As	1
72.06	72.29	0.23	GRD	MG	Small interval of strong silicified and phyllic altered granodiorite between breccia and dyke. Hosts disseminated pyrite and a small smokey quartz breccia .							
						MD	GY		SIL	4I	Py	1
						MD	GN		PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
72.29	72.77	0.48	QFP	FG	Medium grey, fine grained quartz feldspar porphyry dyke. Partially gouge altered and hosts smokey quartz and white carbonate veining. Contact with granodiorite is oriented at 45 degrees TCA and contact with vein oriented at 50 degrees TCA.							
						MD	GY					
72.77	73.34	0.57	VEN	--	Silicified mineralized vein zone, consisting of three veins. Vein 1 is a silicified and brecciated quartz feldspar dyke. Smokey quartz brecciates quartz feldspar porphyry dyke and hosts disseminated pyrite. Veins 1 and 2 are separated by 4cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite. Vein 2 is a smokey quartz/massive sulphide vein. Hosts blebby pyrite, arsenopyrite, sphalerite, galena and chalcopyrite. Vein 2 and 3 are separated by 7 cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite. Vein 3 is a grey to smokey quartz vein hosting disseminated to blebby pyrite and disseminated arsenopyrite, sphalerite and galena.							
											Cp	1
											Sp	1
											Gn	1
											Py	5
											As	1
73.34	76.02	2.68	GRD	MG	Moderately phyllic altered granodiorite with patchy argillic and propyllitic alteration.							
						MD	GN		ARG	2I		
									PRO	2I		
						LT	GN		PHC	3I		
76.02	94.77	18.75	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
94.77	96.62	1.85	GRD	MG	Moderately argillic altered granodiorite with a moderate potassic and weak propyllitic overprint.							
						LT	WH		ARG	3I		
						MD	PK		POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PRO	2I		

KL-14-153

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.65	3.65	0	0	0.00	0	--	--	--	
3.65	5.18	1.53	1.5	98	0.30	20	--	3H	3W	
5.18	8.23	3.05	3	98	0.75	25	--	3H	3W	
8.23	11.28	3.05	2.98	98	0.50	16	--	2H	4W	
11.28	14.33	3.05	2.26	74	0.85	28	--	3H	4W	
14.33	17.37	3.04	2.53	83	0.54	18	--	3H	3W	
17.37	20.42	3.05	2.24	73	0.67	22	--	2H	4W	
20.42	23.47	3.05	2.93	96	0.92	30	--	3H	3W	
23.47	26.52	3.05	2.92	96	2.01	66	--	4H	3W	
26.52	29.57	3.05	3.05	100	1.70	56	--	4H	2W	
29.57	32.61	3.04	2.76	91	0.22	7	--	4H	2W	
32.61	35.66	3.05	2.87	94	0.99	32	--	4H	3W	
35.66	38.71	3.05	2.51	82	1.18	39	--	4H	2W	
38.71	41.76	3.05	2.92	96	1.48	49	--	4H	2W	
41.76	44.81	3.05	3.02	99	1.78	58	--	4H	2W	
44.81	47.85	3.04	3.04	100	1.88	62	--	3H	2W	
47.85	50.90	3.05	3.02	99	2.14	70	--	4H	2W	
50.90	53.95	3.05	2.82	92	1.59	52	--	4H	2W	
53.95	57.00	3.05	2.93	96	1.22	40	--	3H	2W	
57.00	60.05	3.05	3	98	1.21	40	--	4H	2W	
60.05	63.09	3.04	3.04	100	1.79	59	--	4H	2W	
63.09	66.14	3.05	2.91	95	1.89	62	--	3H	2W	
66.14	69.19	3.05	3.05	100	1.48	49	--	4H	1W	
69.19	72.24	3.05	3.01	99	2.00	66	--	4H	1W	
72.24	75.29	3.05	3.04	100	1.73	57	--	4H	1W	
75.29	78.33	3.04	2.98	98	1.50	49	--	4H	1W	
78.33	81.38	3.05	3.05	100	2.42	79	--	4H	1W	
81.38	84.43	3.05	3.05	100	2.27	74	--	4H	1W	
84.43	87.48	3.05	3.05	100	2.64	87	--	4H	4W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.93	96	2.60	85	--	4H	1W	
90.53	93.57	3.04	3.04	100	2.41	79	--	4H	1W	
93.57	96.62	3.05	3.05	100	2.50	82	--	4H	1W	

KL-14-153

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	8.72	GRD	
5	1	GRD	
6	0.676	GRD	
7	2.27	GRD	
8	0.781	GRD	
9	0.396	GRD	
10	0.223	GRD	
11	1.34	GRD	
12	2.22	GRD	
13	0.406	GRD	
14	0.133	GRD	
15	0.303	GRD	
16	0.254	GRD	
17	0.243	GRD	
18	0.294	GRD	
19	0.216	GRD	
20	0.498	GRD	
21	0.195	GRD	
22	0.316	GRD	
23	1.73	GRD	
24	0.387	GRD	
25	0.532	GRD	
26	14.9	GRD	
27	1.61	GRD	
28	0.698	GRD	
29	0.281	GRD	
30	0.713	GRD	
31	0.382	GRD	
32	0.46	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	0.468	GRD	
34	0.613	GRD	
35	13.2	GRD	
36	16.5	GRD	
37	13.7	GRD	
38	13.3	GRD	
39	3.69	GRD	
40	14.6	GRD	
41	0.58	GRD	
42	0.896	GRD	
43	1.58	GRD	
44	5.8	GRD	
45	0.701	GRD	
46	0.987	GRD	
47	7.8	GRD	
48	14.4	GRD	
49	12.7	GRD	
50	13.9	GRD	
51	2.93	GRD	
52	15.3	GRD	
53	11.9	GRD	
54	7.9	GRD	
55	0.417	GRD	
56	5.64	GRD	
57	9.39	GRD	
58	9.73	GRD	
59	5.71	GRD	
60	0.434	GRD	
61	0.557	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	0.478	GRD	
63	0.177	GRD	
64	0.297	GRD	
65	0.387	QFP	
66	0.28	QFP	
67	0.719	VEN	
68	0.242	QFP	
69	0.227	QFP	
70	0.21	QFP	
71	0.228	QFP	
72	0.262	BXA	
73	0.579	VEN	
74	0.429	GRD	
75	0.326	GRD	
76	0.831	GRD	
77	0.985	GRD	
78	13.9	GRD	
79	13.9	GRD	
80	0.847	GRD	
81	7.64	GRD	
82	0.46	GRD	
83	0.4	GRD	
84	0.734	GRD	
85	16.1	GRD	
86	8.22	GRD	
87	20.2	GRD	
88	1.46	GRD	
89	0.566	GRD	
90	0.438	GRD	
91	0.512	GRD	
92	16.1	GRD	
93	17	GRD	
94	17.3	GRD	
95	0.728	GRD	
96	0.385	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381875	6890052	1320.06	102.72

ZONE: Western BRX

SECTION:

HOLE: KL-14-154

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 7.57m, Out

Drilling Dates: Jun 20 - Jun 21, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
11.27	35.2	-46.8	Reflex
102.72	36.5	-46.1	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.2	4.2	CAS
4.2	29.65	25.45	GRD
29.65	46.7	17.05	GRD
46.7	47.7	1	VEN
47.7	49.44	1.74	GRD
49.44	58.72	9.28	QFP
58.72	78.68	19.96	GRD
78.68	90.24	11.56	GRD
90.24	100.53	10.29	GRD
100.53	102.72	2.19	GRD

SAMPLES	
Numbers:	Q016810, Q924602 to Q924640
Total:	43
Batch:	028, 031, 052
Certificates:	WH14099756, WH14101242, WH14104753

COMMENTS

Box Log

KL-14-154

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.2	8.06
2	8.06	12.15
3	12.15	16.1
4	16.1	20.42
5	20.42	24.55
6	24.55	28.92
7	28.92	32.95
8	32.95	37.1
9	37.1	41.12
10	41.12	44.87
11	44.87	48.75
12	48.75	52.55
13	52.55	56.71
14	56.71	60.38
15	60.38	64
16	64	67.78
17	67.78	71.61
18	71.61	75.66
19	75.66	79.18
20	79.18	83.31
21	83.31	87.08
22	87.08	90.91
23	90.91	94.81
24	94.81	98.86
25	98.86	102.72

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-154									
	12.86	12.6	HQ	GRD	1043.7	662.3	2.83	2.7	Moderate phyllic altered granodiorite with moderate silicification and strong oxidation. Cut by blebby discontinuous calcite and ankerite vein's and veinlets.
	47.25	13.2	HQ	VEN	1897.1	1478.7	4.92	4.5	Intense mineralized vein with semi-massive galena and with intermixed blebby sphalerite, semi-massive, blebby pyrite with interstitial smoky quartz, galena and chalcopyrite. Massive pyrite with blebby chalcopyrite and quartz
	50.9	14.8	HQ	QFP	1236	780.7	2.86	2.7	Brecciated porphyritic quartz feldspar dyke with blebs, veins, veinlets and vugs of Calcite.
	55.01	18	HQ	QFP	1452	909.2	2.76	2.7	Dark grey quartz feldspar with discontinuous vuggy ankerite and bladed calcite veinlets and blebs
	85.34	5.7	HQ	GRD	471.9	305	2.83	2.8	Banded quartz-calcite-ankerite with earlier section of moderate propalytic altered and hematite stained granodiorite
	85.34	5.7	HQ	GRD	471.9	305	2.83	2.8	Banded Quartz, calcite, ankerite vein. Moderate propalytic alteration and weak hematite staining.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.20	29.65	25.45	GRD	MG	Granodiorite with patchy, vein-associated phyllic to argillic alteration. Argillic is often weakly potassic overprinted. Cut by banded quartz-calcite veins with disseminated pyrite. Moderate pervasive oxidation. Trace patchy silicification.							
						MD	GY	PO	OXI	3I	Li	8
						MD	BN	PA	SIL	1I		
								FR	PHC	3I		
									ARG	3I		
									POT	2I		
29.65	38.22	8.57	GRD	MG	Weak pervasive propylitic and silica altered granodiorite with patchy weak potassic overprint. Cut by white-smoky quartz-calcite veins with disseminated-blebby pyrite and phyllic to argillic halos.							
						MD	GY	PO	OXI	3I	Li	3
						LT	BN	PA	SIL	2I		
									PRO	2I		
									POT	2I		
									PHC	1I		
									ARG	2I		
38.22	42.38	4.16	GRD	MG	Wide argillic-phyllic altered zone with weak oxide overprint and patchy trace potassic.							
						LT	GN	PO	OXI	2I	Li	2
						LT	GY		ARG	3I		
									PHC	2I		
									POT	1I		
42.38	46.70	4.32	GRD	MG	Weak pervasive propylitic and silica altered granodiorite with patchy weak potassic overprint. Cut by white-smoky quartz-calcite veins with disseminated-blebby pyrite and phyllic to argillic halos.							
						MD	GY	PO	OXI	2I	Li	3
						LT	BN	PA	SIL	2I		
									PRO	2I		
									POT	2I		
									PHC	1I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
46.70	47.70	1.00	VEN	MG	BRX vein. Smoky quartz with massive pyrite, massive arsenopyrite, banded galena, blebby-banded honey brown sphalerite, and interstitial chalcopyrite. Rubbly top contact, 60 TCA sharp bottom contact against granodiorite.							
						MD	GY		OXI	1I	Py	70
						MD	BR				As	5
											Gn	5
											Sp	5
											Cp	3
47.70	49.08	1.38	GRD	MG	Moderate pervasive argillic with oxide overprint. Rubbly at end of interval. Sharp contact with quartz feldspar porphyry dyke, but it is rubbly. Disseminated pyrite.							
						MD	BN	RB	OXI	3I	Py	1
						MD	OR		SIL	1I		
									ARG	3I		
49.08	49.44	0.36	BXA	MG	Black quartz breccia with moderate oxidation and rubble. Cut by ankerite veinlets. Black quartz hosts disseminated pyrite.							
						MD	GY	BX	OXI	3I	Py	3
						LT	OR	RB	SIL	1I	Li	10
49.44	58.72	9.28	GRD	FG	Fine grained tan-green quartz feldspar porphyry dyke cut by ankerite veinlets throughout and an ankerite breccia at 50.79-51.10m. Rubbly and fractured between 57.00-58.72m.							
						LT	GN	RB	OXI	2I	Li	2
						LT	TN		SIL	1I		
									HYD	3I		
58.72	61.11	2.39	GRD	MG	Rubbly, gouged, strongly phyllic altered granodiorite with white-smoky quartz veinlets with blebby pyrite.							
						LT	GY	RB	OXI	1I	Py	2
						LT	GN		PHC	4I	Li	2
						LT	BN		CLY	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
61.11	78.68	17.57	GRD	MG	Patchy argillic and semi-pervasive phyllic altered granodiorite. Gouge developed near quartz feldspar porphyry dyke contact. Oxides only on fracture faces. Oxide is strongest in rubble zones and gouge. Rubbly sharp contact with quartz feldspar porphyry dyke.							
						LT	GN	PO	OXI	1I		
						LT	GY	PA	SIL	1I		
									PHC	3I		
									POT	2I		
									ARG	2I		
78.68	90.24	11.56	GRD	MG	Pervasive weak propylitic with patchy potassic and silicification. Cut by quartz-calcite veins with phyllic to argillic halos.							
						MD	GY	PO	SIL	1I		
						MD	GN	PA	PRO	2I		
									PHC	1I		
									ARG	1I		
									POT	1I		
90.24	100.53	10.29	GRD	MG	Patchy argillic and semi-pervasive phyllic altered granodiorite. Oxides only on fracture faces. Oxide is strongest in rubble zones and gouge.							
						MD	GN	PO	OXI	1I		
						LT	GN	PA	SIL	1I		
						LT	PK		ARG	3I		
									PHC	2I		
									POT	1I		
100.53	102.72	2.19	GRD	MG	Pervasive weak propylitic with patchy potassic and silicification.							
						MD	GN	PO	SIL	1I		
						MD	GY		PRO	2I		
									POT	2I		

KL-14-154

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.20	29.65	25.45	GRD	MG	Granodiorite with patchy, vein-associated phyllic to argillic alteration. Argillic is often weakly potassic overprinted. Cut by banded quartz-calcite veins with disseminated pyrite. Moderate pervasive oxidation. Trace patchy silicification.							
						MD	GY	PO	OXI	3I	Li	8
						MD	BN	FR	SIL	1I		
								PA	PHC	3I		
									ARG	2I		
									POT	2I		
29.65	46.70	17.05	GRD	MG	Weak pervasive propylitic and silica altered granodiorite with patchy weak potassic overprint. Cut by white-smoky quartz-calcite veins with disseminated-blebby pyrite and phyllic to argillic halos.							
									PRO	2I		
						LT	BN	PA	SIL	2I		
									POT	2I		
									PHC	1I		
									ARG	2I		
						MD	GY	PO	OXI	2I	Li	3
46.70	47.70	1.00	VEN	MG	BRX vein. Smoky quartz with massive pyrite, massive arsenopyrite, banded galena, blebby-banded honey brown sphalerite, and interstitial chalcopyrite. Rubbly top contact, 60 TCA sharp bottom contact against granodiorite.							
											Sp	5
											Gn	5
						MD	BR				As	5
						MD	GY		OXI	1I	Py	70
											Cp	3
47.70	49.44	1.74	GRD	MG	Moderate pervasive argillic with oxide overprint. Brecciated and rubbly at end of interval. Sharp contact with quartz feldspar porphyry dyke, but it is rubbly. Disseminated pyrite.							
						MD	BN	RB	OXI	3I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR	BX	SIL	1I	Li	10
									ARG	3I		
49.44	58.72	9.28	QFP	FG	Fine grained tan-green quartz feldspar porphyry dyke cut by ankerite veinlets throughout and an ankerite breccia at 50.79-51.10m. Rubbly and fractured between 57.00-58.72m.							
						LT	TN	RB	OXI	2I	Li	2
						LT	GN		SIL	1I		
									HYD	3I		
58.72	78.68	19.96	GRD	MG	Patchy argillic and semi-pervasive phyllic altered granodiorite. Gouge developed near quartz feldspar porphyry dyke contact. Oxides only on fracture faces. Oxide is strongest in rubble zones and gouge. Rubbly sharp contact with quartz feldspar porphyry dyke.							
						LT	GN	PA	OXI	1I	Li	2
						LT	PK	PO	SIL	1I		
									PHC	3I		
						LT	BN		ARG	3I		
78.68	90.24	11.56	GRD	MG	Pervasive weak propylitic with patchy potassic and silicification. Cut by quartz-calcite veins with phyllic to argillic halos.							
						MD	GN	PO	SIL	2I		
									POT	1I		
									ARG	1I		
									PHC	1I		
						MD	GY	PA	PRO	2I		
90.24	100.53	10.29	GRD	MG	Patchy argillic and semi-pervasive phyllic altered granodiorite. Oxides only on fracture faces. Oxide is strongest in rubble zones and gouge.							
									POT	1I		
									PHC	2I		
						LT	PK		ARG	3I		
						LT	GN	PA	SIL	1I		
						MD	GN	PO	OXI	1I		
100.53	102.72	2.19	GRD	MG	Pervasive weak propylitic with patchy potassic and silicification.							
									POT	2I		
						MD	GY		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PO	SIL	1I		

KL-14-154

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.20	4.20	0	0	0.00	0	--	--	--	
4.20	5.18	0.98	0.98	100	0.24	24	--	1H	5W	
5.18	8.23	3.05	2.8	92	1.85	61	--	3H	3W	
8.23	11.28	3.05	3.01	99	2.29	75	--	3H	3W	
11.28	14.33	3.05	2.81	92	1.88	62	--	3H	3W	
14.33	17.37	3.04	2.78	91	1.25	41	--	2H	3W	
17.37	20.42	3.05	2.92	96	2.36	77	--	3H	3W	
20.42	23.47	3.05	2.83	93	1.96	64	--	2H	4W	
23.47	26.52	3.05	2.96	97	1.23	40	--	3H	3W	
26.52	29.57	3.05	2.68	88	1.55	51	--	3H	3W	
29.57	32.61	3.04	3.02	99	1.85	61	--	3H	3W	
32.61	35.66	3.05	2.9	95	1.98	65	--	4H	2W	
35.66	38.71	3.05	3.05	100	1.94	64	--	4H	2W	
38.71	41.76	3.05	2.88	94	1.52	50	--	3H	2W	
41.76	44.81	3.05	2.84	93	2.26	74	--	4H	2W	
44.81	47.85	3.04	2.85	94	1.80	59	--	3H	2W	
47.85	50.90	3.05	3.05	100	1.21	40	--	3H	2W	
50.90	53.95	3.05	2.99	98	2.10	69	--	4H	2W	
53.95	57.00	3.05	2.92	96	1.85	61	--	4H	2W	
57.00	60.05	3.05	2.74	90	0.84	28	--	2H	3W	
60.05	63.09	3.04	2.92	96	2.06	68	--	3H	1W	
63.09	66.14	3.05	2.9	95	1.93	63	--	3H	1W	
66.14	69.19	3.05	3.05	100	2.10	69	--	3H	1W	
69.19	72.24	3.05	2.93	96	1.98	65	--	3H	1W	
72.24	75.29	3.05	2.96	97	1.37	45	--	3H	3W	
75.29	78.33	3.04	3.04	100	1.26	41	--	2H	3W	
78.33	81.38	3.05	2.87	94	2.26	74	--	4H	1W	
81.38	84.43	3.05	2.67	88	1.92	63	--	4H	1W	
84.43	87.48	3.05	3.05	100	2.64	87	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.94	96	1.86	61	--	4H	2W	
90.53	93.57	3.04	2.87	94	1.80	59	--	3H	1W	
93.57	96.62	3.05	3.05	100	2.62	86	--	3H	2W	
96.62	99.67	3.05	2.95	97	2.34	77	--	3H	2W	
99.67	102.72	3.05	3.05	100	1.96	64	--	3H	1W	EOH

KL-14-154

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.257	GRD	
6	0.225	GRD	
7	0.279	GRD	
8	0.191	GRD	
9	0.066	GRD	
10	0.239	GRD	
11	0.385	GRD	
12	0.376	GRD	
13	0.46	GRD	
14	0.472	GRD	
15	0.316	GRD	
16	4.04	GRD	
17	0.27	GRD	
18	0.356	GRD	
19	0.261	GRD	
20	0.356	GRD	
21	0.216	GRD	
22	0.27	GRD	
23	0.468	GRD	
24	0.501	GRD	
25	0.534	GRD	
26	6.18	GRD	
27	0.286	GRD	
28	0.524	GRD	
29	0.214	GRD	
30	9.98	GRD	
31	3.23	GRD	
32	9.1	GRD	
33	15.1	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	17.1	GRD	
35	5.28	GRD	
36	1.13	GRD	
37	16.4	GRD	
38	14.9	GRD	
39	0.34	GRD	
40	0.833	GRD	
41	0.654	GRD	
42	0.67	GRD	
43	6.51	GRD	
44	2.29	GRD	
45	3.57	GRD	
46	3.47	GRD	
47	0.413	VEN	
48	0.449	GRD	
49	7.8	GRD	
50	0.347	QFP	
51	0.314	QFP	
52	0.34	QFP	
53	0.226	QFP	
54	0.224	QFP	
55	0.316	QFP	
56	0.295	QFP	
57	0.2	QFP	
58	0.296	QFP	
59	0.42	GRD	
60	0.389	GRD	
61	0.413	GRD	
62	0.288	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	0.4	GRD	
64	0.453	GRD	
65	0.418	GRD	
66	0.365	GRD	
67	0.344	GRD	
68	0.379	GRD	
69	0.382	GRD	
70	0.366	GRD	
71	0.471	GRD	
72	0.427	GRD	
73	0.414	GRD	
74	0.378	GRD	
75	0.424	GRD	
76	0.25	GRD	
77	0.54	GRD	
78	0.617	GRD	
79	15.8	GRD	
80	7.35	GRD	
81	6.55	GRD	
82	17.3	GRD	
83	7.78	GRD	
84	0.393	GRD	
85	0.911	GRD	
86	12.7	GRD	
87	7.11	GRD	
88	10	GRD	
89	2.05	GRD	
90	10.4	GRD	
91	0.402	GRD	
92	0.526	GRD	
93	2.47	GRD	
94	0.395	GRD	
95	0.379	GRD	
96	0.337	GRD	
97	1.1	GRD	
98	0.575	GRD	
99	4.52	GRD	
100	5.71	GRD	
101	10.2	GRD	
102	8.7	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382033	6889929	1346.02	190.5

ZONE: Central BRX

SECTION:

HOLE: KL-14-155

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 6.09m, Out

Drilling Dates: Jun 20 - Jun 22, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
7.62	37.3	-49.9	Reflex
190.5	38.9	-50.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.07	1.07	CAS
1.07	19	17.93	GRD
19	22.85	3.85	GRD
22.85	56.09	33.24	GRD
56.09	67.55	11.46	GRD
67.55	72.23	4.68	GRD
72.23	88	15.77	GRD
88	105.6	17.6	GRD
105.6	106.02	0.42	VEN
106.02	107.6	1.58	GRD
107.6	109.22	1.62	QFP
109.22	110.15	0.93	GRD
110.15	115.28	5.13	QFP
115.28	116.7	1.42	GRD
116.7	117.02	0.32	VEN
117.02	117.83	0.81	GRD

SAMPLES	
Numbers:	q016450 to q016500, q016779 to q016784, q924551 to Q924569
Total:	81
Batch:	022, 025, 027, 039
Certificates:	WH14099439, WH14099753, WH14099755, WH14099759

COMMENTS

117.83	180.03	62.2	GRD
180.03	181.47	1.44	GRD
181.47	190.5	9.03	GRD

Box Log

KL-14-155

Klaza
entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.07	6.85
2	6.85	12.07
3	12.07	17.52
4	17.52	22.8
5	22.8	28.19
6	28.19	33.67
7	33.67	38.74
8	38.74	44.2
9	44.2	49.08
10	49.08	54.73
11	54.73	59.44
12	59.44	64.15
13	64.15	69.09
14	69.09	74.44
15	74.44	79.4
16	79.4	84.42
17	84.42	89.92
18	89.92	95.12
19	95.12	100.1
20	100.1	105.6
21	105.6	110.72
22	110.72	115.85
23	115.85	120.79
24	120.79	126.28
25	126.28	131.6
26	131.6	137.02
27	137.02	142.07
28	142.07	147.83
29	147.83	153.1
30	153.1	157.97
31	157.97	163.46
32	163.46	168.84
33	168.84	174.63
34	174.63	180.41
35	180.41	185.42
36	185.42	190.5

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-155									
	20.11	14.7	NQ2	GRD	756.3	385.7	2.42	2.0	Massive grey quart vein with banded calcite ankerite
	104.09	13.2	NQ2	GRD	655.7	397	2.34	2.5	Moderate argillic altered granodiorite with trace phyllic, weak propalytic and pottassic overprint and strong silicification.
	116.85	11.7	NQ2	VEN	607.1	384	2.44	2.7	milky, smoky and clear quartz vein with blebby pyrite and ankerite

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.07	4.26	3.19	OVB	MG	Mostly soil-earthy overburden with some granodiorite rubble.							
						MD	BN	RB	OXI	4I		
4.26	12.88	8.62	GRD	MG	Unaltered granodiorite with weak oxidation on fractures, patchy trace silicification, and patchy trace argillic alteration. Cut by rare quartz-calcite veins with moderate oxidation.							
						MD	GY	PO	OXI	1I		
						LT	BN		SIL	1I		
									ARG	1I		
12.88	16.02	3.14	GRD	MG	Granodiorite cut by quartz-calcite veins hosting disseminated pyrite. Veins are moderately oxidized with argillic halos.							
						MD	GY	PO	OXI	2I	Py	1
						LT	BN		SIL	1I		
									ARG	2I		
16.02	19.00	2.98	GRD	MG	Unaltered granodiorite with weak oxidation on fractures, patchy trace silicification, and patchy trace argillic alteration. Cut by rare quartz-calcite veins with moderate oxidation.							
						MD	GY	PO	OXI	1I		
						LT	BN	PA	SIL	1I		
									ARG	1I		
19.00	22.85	3.85	GRD	MG	Moderate pervasive argillic overprinted by moderate oxidation and patchy trace potassic alteration. Crosscut by several banded quartz-calcite-breccia veins with trace remnant pyrite, most pyrite oxidized away. Oxide colours indicate alteration of sulphides.							
						MD	GY	PO	OXI	3I	Py	1
						MD	BN		SIL	1I	Go	2
									ARG	3I	Li	5
									POT	1I		
22.85	27.29	4.44	GRD	MG	Unaltered granodiorite with weak oxidation on fractures, patchy trace silicification, and patchy trace argillic alteration. Cut by rare mineralized quartz-calcite veins and aplite dyklets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PO	OXI	1I		
						LT	BN		SIL	2I		
									POT	1I		
									PRO	2I		
27.29	28.45	1.16	GRD	MG	Weak pervasive argillic alteration overprinted by weak pervasive oxidation.							
						MD	BN	PO	OXI	2I		
									ARG	2I		
28.45	56.09	27.64	GRD	MG	Unaltered granodiorite with trace oxidation on fractures, patchy trace silicification, and patchy trace argillic alteration. Cut by rare mineralized quartz-calcite veins and aplite dyklets.							
						MD	GY	PO	SIL	2I		
									PRO	2I		
									POT	1I		
56.09	67.55	11.46	GRD	MG	Rubbly, faulted, weakly clay altered zone of granodiorite.							
						MD	GY	PO	SIL	2I		
								RB	PRO	2I		
									POT	1I		
									CLY	1I		
67.55	72.23	4.68	GRD	MG	Phyllic and argillic altered granodiorite due to overprinting vein halos. Crosscut by calcite-smoky quartz veins with disseminated-blebby pyrite.							
						MD	GY	PO	SIL	1I	Py	1
						LT	GN		PHC	3I		
									ARG	2I		
									POT	1I		
72.23	88.00	15.77	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic.							
						MD	GY	PO	SIL	1I		
						MD	GN	PA	PRO	2I		
									PHC	1I		
									POT	1I		
88.00	92.67	4.67	GRD	MG	Moderate argillic with weak potassic overprint and weak phyllic vein halos.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	PK	PO	ARG	3I		
						LT	WH		POT	2I		
									PHC	2I		
92.67	102.11	9.44	GRD	MG	Patchy argillic and phyllic due to vein halos. Argillic is stronger than phyllic, with weak potassic overprint.							
						MD	GY	PO	SIL	1I		
						LT	GN	PA	PRO	2I		
						LT	WH		PHC	2I		
						LT	PK		ARG	3I		
									POT	2I		
102.11	105.16	3.05	GRD	MG	Moderate argillic with weak potassic overprint.							
						LT	WH	PO	ARG	3I		
						LT	PK		POT	2I		
105.16	105.60	0.44	GRD	MG	Granodiorite leading up to main BRX with trace propylitic and weak phyllic, crosscut by pyrite-bearing smoky quartz veinlets.							
						MD	GN		PHC	2I		
						LT	GN	PO	SIL	2I	Py	1
									PRO	1I		
105.60	106.02	0.42	VEN	MG	Main BRX vein in this hole. Massive-mixed white-grey-smoky quartz vein that hosts some clasts of granodiorite and early quartz veins. Vein is dominated by massive quartz and pyrite. Hosts blebby honey brown sphalerite, massive arsenopyrite, banded galena, and chalcopyrite interstitial to pyrite.							
						MD	GY				Py	6
											As	2
											Sp	3
											Cp	1
											Gn	5
106.02	107.60	1.58	GRD	MG	Sharp 60 TCA bottom contact with quartz feldspar porphyry dyke. Moderate phyllic overprinting propylitic with mottled light-medium green colour. Cut by black breccia at 106.81-106.85m.							
						MD	GN	PO	SIL	2I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	MO	PHC	3I		
									PRO	2I		
107.60	109.22	1.62	QFP	FG	Chilled along top contact. Gouged 70 TCA bottom contact with flow banding. Pale green groundmass with cream altered phenocrysts.							
						LT	GN		SIL	3I		
						LT	GY		HYD	4I		
109.22	110.15	0.93	GRD	MG	Propylitic with phyllic and silica overprint. Crosscut by grey quartz-carbonate veinlets with slight brecciating. Carbonate veinlets are vuggy. Quartz hosts blebby-disseminated pyrite.							
						MD	GN		SIL	2I	Py	2
									PRO	2I		
									PHC	3I		
110.15	115.28	5.13	QFP	FG	Chilled along top contact, gouged 70 TCA bottom contact with flow banding. Pale green groundmass with cream altered phenocrysts. 80 TCA sharp flow banded top contact.							
						LT	GN		SIL	3I		
						LT	GY		HYD	4I		
115.28	116.70	1.42	GRD	MG	Strongly hydrothermally altered and crackled granodiorite near quartz feldspar porphyry contact. Clay along cracks. Gouged contacts with quartz feldspar porphyry and vein.							
						LT	TN	CR	HYD	4I		
									CLY	2I		
116.70	117.02	0.32	VEN	MG	Vein is dominated by massive quartz with disseminated-blebby pyrite. Smoky quartz and ankerite brecciates granodiorite between 116.70-116.81m.							
											Py	4
											As	5
											Sp	2
											Gn	1
117.02	117.83	0.81	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
						MD	GY		POT	1I		
						MD	PK		PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		ARG	3I		
									PHC	3I		
117.83	140.53	22.70	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
						MD	GY	PO	SIL	2I		
									PRO	2I		
									PHC	1I		
									POT	1I		
									ARG	1I		
140.53	145.25	4.72	GRD	MG	Baseline propylitic granodiorite overprinted by phyllic to argillic vein halos. Crosscut by banded quartz-calcite veins hosting some disseminated pyrite.							
						MD	GN	PO	SIL	2I		
						LT	GN		PHC	3I		
						LT	PK		ARG	1I		
145.25	156.50	11.25	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
						MD	GY	PO	SIL	2I		
									PRO	2I		
									PHC	1I		
									POT	1I		
									ARG	1I		
156.50	160.23	3.73	GRD	MG	Baseline propylitic granodiorite overprinted by phyllic to argillic vein halos. Crosscut by banded quartz-calcite veins hosting some disseminated pyrite.							
						MD	GY	PO	SIL	2I		
						LT	GN		PHC	2I		
									POT	1I		
									PRO	2I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
160.23	172.50	12.27	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
						MD	GY	PO	SIL	2I		
									ARG	1I		
									PRO	2I		
									PHC	1I		
									POT	1I		
172.50	173.43	0.93	GRD	MG	Baseline propylitic granodiorite overprinted by phyllic to argillic vein halos. Crosscut by banded quartz-calcite veins hosting some disseminated pyrite.							
						MD	GY	PO	SIL	2I		
						MD	GN		PHC	2I		
									PRO	2I		
									ARG	1I		
									POT	1I		
173.43	178.00	4.57	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
						MD	GY	PO	SIL	2I		
									PHC	1I		
									POT	1I		
									PRO	2I		
									ARG	1I		
178.00	180.03	2.03	GRD	MG	Baseline propylitic granodiorite overprinted by phyllic to argillic vein halos. Crosscut by banded quartz-calcite veins hosting some disseminated pyrite.							
						MD	GN	PO	SIL	2I		
						MD	GY		PHC	2I		
									PRO	2I		
									ARG	1I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
180.03	181.47	1.44	FLT	MG	Rubbly, crumbled fault. No obvious orientation, some fractured slickensides.							
						MD	GY	RB	PRO	2I		
								PO				
181.47	185.53	4.06	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
						MD	GY	PO	SIL	2I		
									PRO	2I		
									PHC	1I		
									ARG	1I		
									POT	1I		
185.53	188.62	3.09	GRD	MG	Baseline propylitic granodiorite overprinted by phyllic to argillic vein halos. Crosscut by banded quartz-calcite veins hosting some disseminated pyrite.							
						MD	GN	PO	SIL	2I		
						MD	GY		PHC	2I		
									POT	1I		
									PRO	2I		
									ARG	1I		
188.62	190.50	1.88	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
						MD	GY	PO	SIL	2I		
									PRO	1I		
									PHC	3I		
									ARG	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.07	19.00	17.93	GRD	MG	Unaltered granodiorite with weak oxidation on fractures, patchy trace silicification, and patchy trace argillic alteration. Cut by rare quartz-calcite veins with moderate oxidation.							
						MD	GY	PO	OXI	2I		
						LT	BN	PA	SIL	1I		
									ARG	1I		
19.00	22.85	3.85	GRD	MG	Moderate pervasive argillic overprinted by moderate oxidation and patchy trace potassic alteration. Crosscut by several banded quartz-calcite-breccia veins with trace remnant pyrite, most pyrite oxidized away. Oxide colours indicate alteration of sulphides.							
									POT	1I		
						MD	GY	PO	OXI	3I	Py	1
						MD	BN		SIL	1I	Go	2
									ARG	3I	Li	5
22.85	56.09	33.24	GRD	MG	Unaltered granodiorite with weak oxidation on fractures, patchy trace silicification, and patchy trace argillic alteration. Cut by rare mineralized quartz-calcite veins and aplite dyklets.							
									PHC	1I		
									POT	1I		
									PRO	2I		
						MD	GY	PO	OXI	1I		
						LT	BN		SIL	2I		
56.09	67.55	11.46	GRD	MG	Rubbly, faulted, weakly clay altered zone of granodiorite.							
									POT	1I		
									PRO	2I		
						MD	GY	PO	SIL	2I		
									CLY	1I		
67.55	72.23	4.68	GRD	MG	Phyllic and argillic altered granodiorite due to overprinting vein halos. Crosscut by calcite-smoky quartz veins with disseminated-blebby pyrite.							
						MD	GY	PO	SIL	1I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		
									ARG	2I		
									POT	1I		
72.23	88.00	15.77	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic.							
						MD	GY	PO	SIL	1I		
						MD	GN	PA	PRO	2I		
									PHC	1I		
									POT	1I		
88.00	105.60	17.60	GRD	MG	Granodiorite with baseline propylitic alteration overprinted by phyllic to argillic vein halos.							
						LT	GN		ARG	2I		
						MD	GN	PA	PHC	2I		
						LT	PK		PRO	2I		
									POT	1I		
						MD	GY	PO	SIL	1I		
105.60	106.02	0.42	VEN	MG	Main BRX vein in this hole. Massive-mixed white-grey-smoky quartz vein that hosts some clasts of granodiorite and early quartz veins. Vein is dominated by massive quartz and pyrite. Hosts blebby honey brown sphalerite, massive arsenopyrite, banded galena, and chalcopyrite interstitial to pyrite.							
											Cp	1
											Gn	5
						MD	GY				Py	6
											As	2
											Sp	3
106.02	107.60	1.58	GRD	MG	Sharp 60 TCA bottom contact with quartz feldspar porphyry dyke. Moderate phyllic overprinting propylitic with mottled light-medium green colour. Cut by black breccia at 106.81-106.85m.							
									PRO	2I		
						LT	GN	MO	PHC	3I		
						MD	GN	PO	SIL	2I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
107.60	109.22	1.62	QFP	FG	Chilled along top contact. Gouged 70 TCA bottom contact with flow banding. Pale green groundmass with cream altered phenocrysts.							
						LT	GN		SIL	3I		
						LT	GY		HYD	4I		
109.22	110.15	0.93	GRD	MG	Propylitic with phyllic and silica overprint. Crosscut by grey quartz-carbonate veinlets with slight brecciating. Carbonate veinlets are vuggy. Quartz hosts blebby-disseminated pyrite.							
									PHC	3I		
									PRO	2I		
						MD	GN		SIL	2I	Py	2
110.15	115.28	5.13	QFP	FG	Chilled along top contact, gouged 70 TCA bottom contact with flow banding. Pale green groundmass with cream altered phenocrysts. 80 TCA sharp flow banded top contact.							
						LT	GN		HYD	4I		
						LT	GY		SIL	3I		
115.28	116.70	1.42	GRD	MG	Strongly hydrothermally altered and crackled granodiorite near quartz feldspar porphyry contact. Clay along cracks. Gouged contacts with quartz feldspar porphyry and vein.							
						LT	TN	CR	HYD	4I		
									CLY	2I		
116.70	117.02	0.32	VEN	MG	Vein is dominated by massive quartz with disseminated-blebby pyrite. Smoky quartz and ankerite brecciates granodiorite between 116.70-116.81m.							
						MD	GY				Py	4
											As	5
											Sp	2
											Gn	1
117.02	117.83	0.81	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
						MD	GY		POT	1I		
						MD	PK		PRO	1I		
						DK	GN		ARG	3I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
117.83	180.03	62.20	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
									ARG	1I		
									POT	1I		
									PRO	2I		
						MD	GY	PO	SIL	2I		
									PHC	1I		
180.03	181.47	1.44	GRD	MG	Rubbly, crumbled fault. No obvious orientation, some fractured slickensides.							
								RB				
						MD	GY	PO	PRO	2I		
181.47	190.50	9.03	GRD	MG	Granodiorite with patchy weak propylitic, trace patchy silicification, trace vein-associated phyllic, and trace patchy potassic. Quartz-calcite veins have well defined phyllic halos with argillic envelopes.							
						MD	GY	PO	SIL	2I		
									ARG	1I		
									POT	1I		
									PHC	1I		
									PRO	2I		

KL-14-155

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	2.24	73	0.29	10	--	1H	5W	
4.57	7.62	3.05	3	98	2.52	83	--	4H	2W	
7.62	10.67	3.05	2.88	94	1.64	54	--	4H	2W	
10.67	13.71	3.04	2.85	94	2.53	83	--	4H	2W	
13.71	16.75	3.04	2.87	94	1.43	47	--	3H	2W	
16.75	19.80	3.05	2.48	81	1.23	40	--	2H	4W	
19.80	22.85	3.05	3.05	100	2.69	88	--	3H	3W	
22.85	25.90	3.05	2.94	96	1.90	62	--	4H	3W	
25.90	28.95	3.05	2.74	90	1.59	52	--	3H	3W	
28.95	32.00	3.05	2.58	85	1.34	44	--	3H	2W	
32.00	35.05	3.05	2.68	88	1.68	55	--	3H	1W	
35.05	38.10	3.05	3.04	100	1.88	62	--	4H	1W	
38.10	41.15	3.05	2.96	97	1.45	48	--	4H	1W	
41.15	44.20	3.05	2.48	81	1.46	48	--	4H	1W	
44.20	47.24	3.04	2.92	96	1.95	64	--	4H	1W	
47.24	50.29	3.05	3.05	100	2.92	96	--	4H	1W	
50.29	53.34	3.05	2.9	95	2.57	84	--	4H	1W	
53.34	56.39	3.05	2.94	96	1.32	43	--	3H	1W	
56.39	59.44	3.05	3	98	1.50	49	--	2H	1W	
59.44	62.49	3.05	2.52	83	0.00	0	--	1H	1W	
62.49	65.53	3.04	3.04	100	1.21	40	--	4H	1W	
65.53	68.58	3.05	2.81	92	1.64	54	--	4H	1W	
68.58	71.63	3.05	2.99	98	1.74	57	--	4H	1W	
71.63	74.68	3.05	2.97	97	1.82	60	--	4H	1W	
74.68	77.72	3.04	2.88	95	1.36	45	--	4H	1W	
77.72	80.77	3.05	2.91	95	2.13	70	--	4H	1W	
80.77	83.82	3.05	2.72	89	1.25	41	--	4H	1W	
83.82	86.87	3.05	2.89	95	1.71	56	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.88	94	2.45	80	--	3H	1W	
89.92	92.96	3.04	2.76	91	2.11	69	--	3H	1W	
92.96	96.01	3.05	2.76	90	1.60	52	--	4H	1W	
96.01	99.06	3.05	2.62	86	1.80	59	--	2H	1W	
99.06	102.11	3.05	3	98	2.27	74	--	3H	1W	
102.11	105.16	3.05	2.99	98	2.70	89	--	3H	1W	
105.16	108.20	3.04	2.98	98	2.18	72	--	4H	1W	
108.20	111.25	3.05	2.92	96	2.11	69	--	3H	1W	
111.25	114.30	3.05	2.99	98	1.76	58	--	3H	1W	
114.30	117.35	3.05	2.64	87	1.42	47	--	3H	1W	
117.35	120.40	3.05	2.96	97	1.99	65	--	3H	1W	
120.40	123.44	3.04	2.64	87	0.80	26	--	3H	1W	
123.44	126.49	3.05	2.77	91	1.50	49	--	4H	1W	
126.49	129.54	3.05	3.05	100	2.52	83	--	4H	1W	
129.54	132.59	3.05	3.05	100	2.23	73	--	4H	1W	
132.59	135.64	3.05	2.9	95	2.35	77	--	4H	1W	
135.64	138.68	3.04	2.94	97	1.97	65	--	4H	1W	
138.68	141.73	3.05	2.93	96	2.12	70	--	3H	1W	
141.73	144.78	3.05	3.02	99	2.83	93	--	4H	1W	
144.78	147.83	3.05	2.94	96	2.66	87	--	4H	1W	
147.83	150.88	3.05	2.99	98	2.10	69	--	4H	1W	
150.88	153.92	3.04	3	99	2.30	76	--	4H	1W	
153.92	156.97	3.05	2.93	96	2.54	83	--	4H	1W	
156.97	160.02	3.05	2.86	94	2.31	76	--	4H	1W	
160.02	163.07	3.05	2.93	96	2.35	77	--	4H	1W	
163.07	166.12	3.05	2.96	97	2.74	90	--	4H	1W	
166.12	169.16	3.04	2.95	97	2.57	85	--	4H	1W	
169.16	172.21	3.05	2.99	98	2.76	90	--	4H	1W	
172.21	175.26	3.05	2.99	98	2.73	90	--	4H	1W	
175.26	178.31	3.05	3.05	100	3.01	99	--	4H	1W	
178.31	181.36	3.05	2.55	84	1.57	51	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.36	184.40	3.04	2.66	88	1.36	45	--	4H	1W	
184.40	187.45	3.05	3.05	100	2.80	92	--	3H	1W	
187.45	190.50	3.05	2.94	96	2.81	92	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	2.71	GRD	
4	1.47	GRD	
5	16.5	GRD	
6	15.6	GRD	
7	15.8	GRD	
8	0.27	GRD	
9	6.41	GRD	
10	2.46	GRD	
11	10.3	GRD	
12	12.9	GRD	
13	0.206	GRD	
14	8.43	GRD	
15	0.336	GRD	
16	4.68	GRD	
17	16.1	GRD	
18	15.4	GRD	
19	7.97	GRD	
19	7.97	GRD	
20	0.182	GRD	
21	0.215	GRD	
22	0.583	GRD	
23	10.7	GRD	
24	12.2	GRD	
25	19.6	GRD	
26	22.1	GRD	
27	26.8	GRD	
28	0.288	GRD	
29	0.27	GRD	
30	2.79	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	0.257	GRD	
32	1.72	GRD	
33	14.9	GRD	
34	16.2	GRD	
35	17.9	GRD	
36	20.1	GRD	
37	45.7	GRD	
38	0.386	GRD	
39	16.4	GRD	
40	12.4	GRD	
41	14.6	GRD	
42	17.1	GRD	
43	15.6	GRD	
44	16.6	GRD	
45	7.62	GRD	
46	11.2	GRD	
47	13.7	GRD	
48	15.4	GRD	
49	14.4	GRD	
50	13.3	GRD	
51	12.9	GRD	
52	14.2	GRD	
53	11.8	GRD	
54	13.4	GRD	
55	12.4	GRD	
56	1.35	GRD	
57	10.7	GRD	
58	9.71	GRD	
59	0.427	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	11.6	GRD	
61	9.19	GRD	
62	11.1	GRD	
63	0.468	GRD	
64	3.79	GRD	
65	0.803	GRD	
66	8.98	GRD	
67	18.6	GRD	
68	0.711	GRD	
69	0.324	GRD	
70	0.208	GRD	
71	0.334	GRD	
72	0.302	GRD	
73	8.35	GRD	
74	16.7	GRD	
75	18.9	GRD	
76	20.2	GRD	
77	22	GRD	
78	15.9	GRD	
79	16.8	GRD	
80	20.8	GRD	
81	13.2	GRD	
82	16.6	GRD	
83	11	GRD	
84	0.735	GRD	
85	18	GRD	
86	9.3	GRD	
87	10.1	GRD	
88	0.935	GRD	
88	0.935	GRD	
89	0.611	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
90	0.445	GRD	
91	0.298	GRD	
92	0.276	GRD	
93	1.87	GRD	
94	0.345	GRD	
95	0.237	GRD	
96	0.491	GRD	
97	3.91	GRD	
98	0.236	GRD	
99	4.9	GRD	
100	0.43	GRD	
101	12.8	GRD	
102	18.6	GRD	
103	0.255	GRD	
104	0.553	GRD	
105	0.323	GRD	
106	0.122	VEN	
107	0.407	GRD	
108	0.211	QFP	
109	0.252	QFP	
110	0.152	GRD	
111	0.189	QFP	
112	0.226	QFP	
113	0.233	QFP	
114	0.42	QFP	
115	0.102	QFP	
116	0.239	GRD	
117	0.145	VEN	
118	2.73	GRD	
119	2.35	GRD	
120	10.6	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
121	0.388	GRD	
122	4.2	GRD	
123	0.121	GRD	
124	14	GRD	
125	18.7	GRD	
126	7.98	GRD	
127	16.5	GRD	
128	0.713	GRD	
129	0.288	GRD	
130	17.6	GRD	
131	16	GRD	
132	2.12	GRD	
133	12.4	GRD	
134	9.69	GRD	
135	12.5	GRD	
136	0.285	GRD	
137	0.249	GRD	
138	0.47	GRD	
139	0.393	GRD	
140	8.54	GRD	
141	0.208	GRD	
142	0.393	GRD	
143	5.66	GRD	
144	0.481	GRD	
145	0.444	GRD	
146	13.1	GRD	
147	17.3	GRD	
148	13.9	GRD	
149	9.43	GRD	
150	4.18	GRD	
151	14.6	GRD	
152	14.2	GRD	
153	13.9	GRD	
154	1.27	GRD	
155	4.24	GRD	
156	11.6	GRD	
157	9.43	GRD	
158	0.621	GRD	
159	13	GRD	
160	0.329	GRD	
161	4.41	GRD	
162	14.2	GRD	
163	12.3	GRD	
164	17.6	GRD	
165	12.8	GRD	
166	8.15	GRD	
167	13.6	GRD	
168	16.1	GRD	
169	4.67	GRD	
170	14.2	GRD	
171	15.3	GRD	
172	13.9	GRD	
173	0.27	GRD	
174	8.9	GRD	
175	3.01	GRD	
176	11.7	GRD	
177	16.6	GRD	
178	4.19	GRD	
179	0.282	GRD	
180	0.261	GRD	
181	18.1	GRD	
182	1.18	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
183	0.371	GRD	
184	5.87	GRD	
185	15.1	GRD	
186	0.509	GRD	
187	0.448	GRD	
188	0.226	GRD	
189	0.495	GRD	
190	15	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381593	6890119	1280.34	230.73

ZONE: Western BRX

SECTION:

HOLE: KL-14-156

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 6.09m, Out

Drilling Dates: Jun 21 - Jun 23, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
2.13	31.5	-48.1	Reflex
230.73	35	-45.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.7	4.7	CAS
4.7	84.93	80.23	GRD
84.93	86.45	1.52	GRD
86.45	87.25	0.8	BXA
87.25	91.13	3.88	GRD
91.13	105.57	14.44	GRD
105.57	114.13	8.56	GRD
114.13	114.55	0.42	VEN
114.55	114.87	0.32	GRD
114.87	196.07	81.2	GRD
196.07	196.83	0.76	GRD
196.83	197.5	0.67	QFP
197.5	197.85	0.35	GRD
197.85	198.65	0.8	VEN
198.65	199.15	0.5	QFP
199.15	200.4	1.25	GRD

SAMPLES	
Numbers:	Q016811 to Q016824, Q924204 to Q924314
Total:	131
Batch:	030, 032, 034, 037, 052
Certificates:	WH14099758, WH14101243, WH14101245, WH14101248, WH14104753

COMMENTS

200.4	230.73	30.33	GRD

Box Log

KL-14-156

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.7	8.63
2	8.63	13
3	13	17.06
4	17.06	20.74
5	20.74	24.6
6	24.6	28.73
7	28.73	32.61
8	32.61	36.52
9	36.52	40.65
10	40.65	44.81
11	44.81	49.93
12	49.93	53
13	53	57
14	57	61.01
15	61.01	64.8
16	64.8	68.84
17	68.84	72.94
18	72.94	76.92
19	76.92	80.83
20	80.83	84.93
21	84.93	88
22	88	92
23	92	95.91
24	95.91	99.6
25	99.6	103.49
26	103.49	107.38
27	107.38	111
28	111	114.83
29	114.83	118.21
30	118.21	122.28
31	122.28	126.16
32	126.16	129.55
33	129.55	133.2
34	133.2	136.78
35	136.78	140.99
36	140.99	144.5
37	144.5	148.32
38	148.32	152.36
39	152.36	155.92
40	155.92	160.13
41	160.13	163.99
42	163.99	168.23
43	168.23	172.07
44	172.07	175.87
45	175.87	179.89
46	179.89	183.82
47	183.82	187.68
48	187.68	191.58
49	191.58	195.66
50	195.66	199.39
51	199.39	203.3
52	203.3	207.4
53	207.4	211.51
54	211.51	215.49
55	215.49	219.8
56	219.8	223.59
57	223.59	227.69
58	227.69	230.73

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-156									
	87.09	14.4	HQ	BXA	1320.8	870.1	3.14	2.9	Brecciated moderate phyllic and moderate propalytic altered granodiorite with netted and vuggy calcite, ankerite veinlets. Banded ankerite, calcite, smoky quartz veinlets and intermixed veins of ankerite, milky and clear quartz with netted textures.
	106.21	19.1	HQ	GRD	1627.4	1039.5	2.92	2.8	Moderate propalytic altered granodiorite with moderate phyllic, trace argillic overprint and moderate silicification. 45 degree smoky quartz 0.5 centimeter veinlets with blebby sphalerite and irregular mineralized dissolved calcite veinlets with pyrite.
	111.81	10.1	HQ	GRD	878.7	567.4	2.98	2.8	Weak propalytic altered breccia with moderate phyllic overprint and strongly silicified breccia with vuggy and blebby ankerite and calcite.
	114.27	11.35	HQ	VEN	1069.1	728.9	3.22	3.1	Banded smoky quartz vein with ankerite bands throughout. Blebby galena, sphalerite and pyrite.
	127.53	7.4	HQ	GRD	704.1	419.1	3.26	2.5	Light pinkish coloured propalytic altered granodiorite with minor propalytic alteration
	197.34	14.5	HQ	QFP	1247.9	785.8	2.94	2.7	Grey, green quartz feldspar dyke cut by 3mm smoky quartz, calcite veinlet.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	198.05		HQ	VEN	504.7		3.26		Quartz vein with semi-massive ankerite with interstitial pyrite, sphalerite, and calcite, zoned acicular smoky quartz-ankerite structure, blebby pyrite, sphalerite and galena and disseminated arsenopyrite, jamesonite, pyrite, sphalerite and galena. Cut by offset 2mm calcite-quartz veinlets.
	198.14		HQ	VEN	950		3.11		milky, clear quartz vein with blebby, sphalerite, pyrite, arsenopyrite and ankerite. Cut by 1mm vuggy calcite veinlets. 2 cm of strong phyllic altered granodiorite with blebby and disseminated pyrite, arsenopyrite and sphalerite.
	198.34	16.5	HQ	VEN	1706	1197.4	3.54	3.4	4 centimeter strongly altered phyllic granodiorite with disseminated ankerite and pyrite. Banded blebby quartz, ankerite, pyrite, sphalerite, galena and disseminated jamesonite, pyrite, arsenopyrite. Semi-massive ankerite, sphalerite and galena. Brecciated bands of sphalerite, calcite and ankerite. All cut by two generations of offsetting calcite veinlets.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	199.72	19	HQ	GRD	1317.6	1095.5	2.37	5.9	Weak argillic altered granodiorite with strong phyllic overprint with mineralized well formed quartz, calcite vein and veinlets with blebby pyrite and sphalerite. Disseminated and veinlets of pyrite throughout.
	229.61	14.4	HQ	GRD	1237.5	785.7	2.94	2.7	Moderate phyllic altered granodiorite with weak propalytic overprint and moderate silicification. Cut by 70 degree 1-5mm calcite veinlets.

KL-14-156

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.70	27.23	22.53	GRD	MG	Unaltered granodiorite with weak to moderate oxidation along fracture surfaces. Small patches of rubbly oxidized argillic alteration throughout the interval. Oxidation intensity decreases with depth.							
						MD	OR		OXI	2I		
						MD	GY		OXI	3I		
									ARG	3I		
27.23	28.85	1.62	GRD	MG	Strong to intensely oxidized and gouge altered, moderate phyllic and argillic altered granodiorite. Oxidation and gouge alteration obscures rock textures.							
						MD	OR		OXI	5I		
									SIL	3I		
									OXI	4I		
									PHC	3I		
									ARG	3I		
28.85	30.67	1.82	GRD	MG	Unaltered granodiorite with weak to moderate oxidation along fracture surfaces. Small patches of rubbly oxidized argillic alteration throughout the interval. Oxidation intensity decreases with depth.							
						MD	GY		OXI	2I		
						MD	OR		OXI	3I		
									ARG	3I		
30.67	32.23	1.56	GRD	MG	Strong to intensely oxidized and gouge altered, moderate phyllic and argillic altered granodiorite. Oxidation and gouge alteration obscures rock textures.							
									PHC	3I		
									ARG	3I		
									SIL	3I		
									OXI	4I		
									OXI	5I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
32.23	40.50	8.27	GRD	MG	Unaltered granodiorite with weak to moderate oxidation along fracture surfaces. Small patches of rubbly oxidized argillic alteration throughout the interval. Oxidation intensity decreases with depth.							
						MD	GY		OXI	3I		
						MD	OR		OXI	2I		
									ARG	3I		
40.50	41.76	1.26	GRD	MG	Strong to intensely oxidized and gouge altered, moderate phyllic and argillic altered granodiorite. Oxidation and gouge alteration obscures rock textures.							
						MD	OR		OXI	4I		
									OXI	5I		
									SIL	3I		
									PHC	3I		
									ARG	3I		
41.76	44.76	3.00	GRD	MG	Unaltered granodiorite with weak to moderate oxidation along fracture surfaces. Small patches of rubbly oxidized argillic alteration throughout the interval. Oxidation intensity decreases with depth.							
						MD	OR		OXI	2I		
						MD	GY		OXI	3I		
									ARG	3I		
44.76	47.98	3.22	GRD	MG	Moderately silicified and phyllic altered granodiorite with moderate to strong oxidation. Hosts multiple gouge zones and quartz veins.							
						MD	OR		OXI	4I		
						MD	GN		OXI	3I		
									PHC	3I		
									SIL	3I		
47.98	77.53	29.55	GRD	MG	Unaltered granodiorite with weak to moderate oxidation along fracture surfaces. Small patches of rubbly oxidized argillic alteration throughout the interval. Oxidation intensity decreases with depth.							
						MD	OR		OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY					
77.53	79.34	1.81	GRD	MG	Moderately phyllic altered granodiorite with patchy weak propyllitic alteration.							
						MD	GN		PRO	2I		
						LT	GN		PHC	3I		
79.34	84.93	5.59	GRD	MG	Unaltered granodiorite with weak to moderate oxidation along fracture surfaces. Small patches of rubbly oxidized argillic alteration throughout the interval. Oxidation intensity decreases with depth.							
						MD	GY		PRO	2I		
						MD	OR		PHC	3I		
									ARG	3I		
									POT	2I		
84.93	86.45	1.52	GRD	MG	Moderate phyllic and weak propyllitic envelope with patchy argillic alteration overprinted by weak potassic. Precedes silicified breccia.							
						MD	GN		ARG	3I	As	1
						MD	PK		PHC	3I		
						LT	GN		PRO	3I	Py	1
						LT	WH		POT	3I		
86.45	87.25	0.80	BXA	--	Smokey quartz/tan ankerite breccia with silicified clasts of phyllic granodiorite. Quartz and phyllic granodiorite hosts disseminated pyrite. Ankerite host metallic and dark grey disseminated blades(2mm) of arsenopyrite(?).							
											Py	1
											As	1
87.25	91.13	3.88	GRD	MG	Moderate phyllic and weak propyllitic envelope with patchy argillic alteration overprinted by weak potassic. Follows silicified breccia.							
						MD	GN		PRO	3I		
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
91.13	92.88	1.75	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	PK					
						DK	GN		POT	2I		
92.88	94.52	1.64	GRD	MG	Moderately silicified and phyllic envelope around a quartz/carbonate/pyrite vein.							
						LT	GN		SIL	3I		
									PHC	3I		
105.57	114.13	8.56	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting multiple smokey quartz/carbonate/pyrite veins and breccias.							
						LT	GN		PHC	3I		
									SIL	3I		
114.13	114.55	0.42	VEN	FG	Vein of banded grey to smokey quartz, tan ankerite and brecciated silicified phyllic altered granodiorite. Hosts disseminated to blebby pyrite, arsenopyrite, galena and sphalerite.							
											Py	5
											As	2
											Gn	3
											Sp	3
114.55	114.87	0.32	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting disseminated pyrite.							
						LT	GN		PHC	3I		
									SIL	3I		
114.87	119.13	4.26	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	PK					
						MD	GY		PRO	2I		
						DK	GN		POT	2I		
119.13	120.10	0.97	GRD	MG	Moderately phyllic altered granodiorite with patchy potassic overprinted moderate argillic alteration.							
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
120.10	121.50	1.40	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	PK					
						MD	GY		PRO	2I		
						DK	GN		POT	2I		
121.50	124.98	3.48	GRD	MG	Moderate phyllic envelope around a smokey quartz/pyrite vein.							
						LT	GN		PHC	3I		
124.98	126.85	1.87	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	PK					
						DK	GN		POT	2I		
126.85	133.40	6.55	GRD	MG	Moderately silicified phyllic envelope around multiple quartz/sulphide veins. Phyllic alteration and veins are partially gouge altered. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		ARG	3I		
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
									POT	2I		
									PRO	2I		
133.40	163.99	30.59	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	PK					
						MD	GY		PRO	2I		
						DK	GN		POT	2I		
167.07	178.32	11.25	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	PK					
						DK	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
178.32	181.36	3.04	GRD	MG	Moderate phyllic envelope around what appears to be a gouge altered quartz/carbonate vein. Phyllic alteration transitions to moderate argillic alteration overprinted with weak potassic/propyllitic alteration.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
									PRO	3I		
181.36	193.80	12.44	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	PK					
						DK	GN		POT	2I		
193.80	194.50	0.70	GRD	MG	Propyllitic overprinted moderately silicified and phyllic alteration envelope around a quartz/carbonate/pyrite vein.							
						LT	GN		SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		
194.50	196.07	1.57	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	PK					
						MD	GY		PRO	2I		
						DK	GN		POT	2I		
196.07	196.83	0.76	GRD	MG	Propyllitic overprinted moderate to strong phyllic altered and moderately silicified granodiorite. Strong phyllic alteration hosts disseminated pyrite and multiple quartz/carbonate/sulphide veins and veinlets.							
						MD	GY		SIL	3I		
						MD	GN		PHC	3I	Py	1
						DK	GN		PHC	4I		
									PRO	2I		
196.83	197.50	0.67	QFP	FG	Light tan/green quartz feldspar porphyry dyke.							
						LT	TN					
						LT	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
197.50	197.85	0.35	GRD	MG	Propyllitic overprinted moderate to strong phyllic altered and moderately silicified granodiorite. Strong phyllic alteration hosts disseminated pyrite and multiple quartz/carbonate/sulphide veins and veinlets.							
						MD	GY		SIL	3I		
						MD	GN		PHC	3I	Py	1
						DK	GN		PHC	4I		
									PRO	2I		
197.85	198.65	0.80	VEN	MG	Vein zone consisting of two (~35cm and 27cm) banded grey-smokey quartz and tan ankerite veins hosting disseminated to blebby pyrite, sphalerite and galena and disseminated arsenopyrite and jamesonite. The second vein is cross-cut by two 0.2cm white carbonate veinlets oriented at 30 degrees TCA. Veins are separated by 15cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite. Interval ends with 8cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite following the dyke.							
								RB			Py	5
											Sp	5
											Gn	1
											As	1
											Jm	1
198.65	199.15	0.50	QFP	FG	Light tan and dark grey partially gouge altered quartz feldspar porphyry dyke. Dyke-dyke contact is undulating.							
						LT	TN					
						DK	RD					
199.15	200.40	1.25	GRD	MG	Partially gouge altered propyllitic overprinted moderate to strong phyllic altered and moderately silicified granodiorite. Strong phyllic alteration hosts disseminated pyrite and multiple quartz/carbonate/sulphide veins and veinlets.							
						MD	GY		SIL	3I		
						MD	GN		PHC	3I	Py	1
						DK	GN		PHC	4I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
200.40	205.05	4.65	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						MD	GN					
205.05	205.67	0.62	GRD	MG	Moderately silicified and phyllic altered envelope around grey quartz vein.							
						LT	GN		SIL	3I		
									PHC	3I		
205.67	207.10	1.43	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Hosts multiple phyllic envelopes around quartz/carbonate veinlets.							
						MD	GN					
						MD	PK		PRO	2I		
						MD	GY		POT	2I		
207.10	207.85	0.75	GRD	MG	Moderately silicified and phyllic altered envelope around grey quartz vein.							
						LT	GN		SIL	3I		
									PHC	3I		
207.85	210.82	2.97	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						MD	GN					
210.82	226.81	15.99	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting multiple quartz/carbonate/pyrite veins.							
						LT	GN		SIL	3I		
									PHC	3I		
226.81	228.65	1.84	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	2I		
						MD	GN					
						MD	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
228.65	230.08	1.43	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting multiple quartz/carbonate/pyrite veins.							
						LT	GN		SIL	3I		
									PHC	3I		
230.08	230.73	0.65	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GN					
						MD	GY		POT	2I		
						MD	PK		PRO	2I		

KL-14-156

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.70	84.93	80.23	GRD	MG	Unaltered granodiorite with weak to moderate oxidation along fracture surfaces. Small patches of rubbly oxidized argillic alteration throughout the interval. Oxidation intensity decreases with depth.							
						MD	GY		OXI	3I		
									ARG	3I		
						MD	OR		OXI	2I		
84.93	86.45	1.52	GRD	MG	Moderate phyllic and weak propyllitic envelope with patchy argillic alteration overprinted by weak potassic. Precedes silicified breccia.							
						MD	GN		ARG	3I	Py	1
						MD	PK		PHC	3I		
						LT	WH		POT	3I		
						LT	GN		PRO	3I	As	1
86.45	87.25	0.80	BXA	--	Smokey quartz/tan ankerite breccia with silicified clasts of phyllic granodiorite. Quartz and phyllic granodiorite hosts disseminated pyrite. Ankerite host metallic and dark grey disseminated blades(2mm) of arsenopyrite(?).							
											As	1
											Py	1
87.25	91.13	3.88	GRD	MG	Moderate phyllic and weak propyllitic envelope with patchy argillic alteration overprinted by weak potassic. Follows silicified breccia.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						MD	GN		PRO	3I		
						LT	GN		PHC	3I		
91.13	105.57	14.44	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	PK					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		POT	2I		
105.57	114.13	8.56	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting multiple smokey quartz/carbonate/pyrite veins and breccias.							
									SIL	3I		
						LT	GN		PHC	3I		
114.13	114.55	0.42	VEN	FG	Vein of banded grey to smokey quartz, tan ankerite and brecciated silicified phyllic altered granodiorite. Hosts disseminated to blebby pyrite, arsenopyrite, galena and sphalerite.							
											Sp	3
											Gn	3
											As	2
											Py	5
114.55	114.87	0.32	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting disseminated pyrite.							
									SIL	3I		
						LT	GN		PHC	3I		
114.87	196.07	81.20	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite.							
						DK	GN		POT	2I		
						MD	PK					
						MD	GY		PRO	2I		
196.07	196.83	0.76	GRD	MG	Propyllitic overprinted moderate to strong phyllic altered and moderately silicified granodiorite. Strong phyllic alteration hosts disseminated pyrite and multiple quartz/carbonate/sulphide veins and veinlets.							
						MD	GY		SIL	3I		
									PRO	2I		
						DK	GN		PHC	4I		
						MD	GN		PHC	3I	Py	1
196.83	197.50	0.67	QFP	FG	Light tan/green quartz feldspar porphyry dyke.							
						LT	GN					
						LT	TN					
197.50	197.85	0.35	GRD	MG	Propyllitic overprinted moderate to strong phyllic altered and moderately silicified granodiorite. Strong phyllic alteration hosts disseminated pyrite and multiple quartz/carbonate/sulphide veins and veinlets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	2I		
						MD	GY		SIL	3I		
						MD	GN		PHC	3I	Py	1
						DK	GN		PHC	4I		
197.85	198.65	0.80	VEN	MG	Vein zone consisting of two (~35cm and 27cm) banded grey-smokey quartz and tan ankerite veins hosting disseminated to blebby pyrite, sphalerite and galena and disseminated arsenopyrite and jamesonite. The second vein is cross-cut by two 0.2cm white carbonate veinlets oriented at 30 degrees TCA. Veins are separated by 15cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite. Interval ends with 8cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite following the dyke.							
											Jm	1
											As	1
											Gn	1
											Sp	5
								RB			Py	5
198.65	199.15	0.50	QFP	FG	Light tan and dark grey partially gouge altered quartz feldspar porphyry dyke. Dyke-dyke contact is undulating.							
						LT	TN					
						DK	RD					
199.15	200.40	1.25	GRD	MG	Partially gouge altered propyllitic overprinted moderate to strong phyllic altered and moderately silicified granodiorite. Strong phyllic alteration hosts disseminated pyrite and multiple quartz/carbonate/sulphide veins and veinlets.							
						MD	GY		SIL	3I		
						DK	GN		PHC	4I		
									PRO	2I		
						MD	GN		PHC	3I	Py	1
200.40	230.73	30.33	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Hosts multiple phyllic envelopes around quartz/carbonate veinlets.							
						MD	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						MD	GN					

KL-14-156

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.70	4.70	0	0	0.00	0	--	--	--	
4.70	5.18	0.48	0.4	83	0.00	0	--	3H	5W	
5.18	8.23	3.05	2.96	97	1.38	45	--	4H	4W	
8.23	11.28	3.05	2.92	96	2.38	78	--	4H	2W	
11.28	14.33	3.05	3.01	99	2.77	91	--	4H	2W	
14.33	17.37	3.04	2.6	86	1.22	40	--	3H	3W	
17.37	20.42	3.05	3.02	99	1.93	63	--	4H	3W	
20.42	23.47	3.05	3.05	100	2.01	66	--	3H	3W	
23.47	26.52	3.05	3.05	100	2.19	72	--	3H	3W	
26.52	29.57	3.05	2.81	92	1.52	50	--	3H	4W	
29.57	32.61	3.04	3.02	99	1.59	52	--	3H	4W	
32.61	35.66	3.05	3.05	100	1.75	57	--	4H	3W	
35.66	38.71	3.05	2.85	93	1.75	57	--	4H	2W	
38.71	41.76	3.05	2.99	98	1.35	44	--	3H	3W	
41.76	44.81	3.05	3.05	100	2.21	72	--	3H	3W	
44.81	47.85	3.04	2.95	97	1.64	54	--	3H	3W	
47.85	50.90	3.05	3.02	99	2.30	75	--	4H	2W	
50.90	53.95	3.05	2.85	93	0.66	22	--	3H	2W	very rubbly
53.95	57.00	3.05	2.86	94	1.77	58	--	3H	3W	
57.00	60.05	3.05	2.94	96	2.42	79	--	4H	2W	
60.05	63.09	3.04	2.97	98	2.46	81	--	4H	2W	
63.09	66.14	3.05	2.93	96	1.40	46	--	4H	3W	
66.14	69.19	3.05	3.05	100	1.74	57	--	4H	2W	
69.19	72.24	3.05	2.73	90	1.68	55	--	4H	3W	
72.24	75.29	3.05	3	98	2.14	70	--	4H	2W	
75.29	78.33	3.04	3.02	99	2.37	78	--	4H	2W	
78.33	81.38	3.05	3.05	100	1.78	58	--	4H	1W	
81.38	84.43	3.05	2.64	87	1.47	48	--	3H	1W	
84.43	87.48	3.05	3.05	100	2.38	78	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.99	98	2.44	80	--	4H	1W	
90.53	93.57	3.04	3.04	100	2.20	72	--	3H	1W	
93.57	96.62	3.05	3.05	100	2.45	80	--	3H	1W	
96.62	99.67	3.05	2.97	97	2.28	75	--	3H	1W	
99.67	102.72	3.05	3.05	100	2.82	92	--	3H	1W	
102.72	105.77	3.05	2.98	98	2.20	72	--	4H	1W	
105.77	108.81	3.04	3	99	2.25	74	--	4H	1W	
108.81	111.86	3.05	3	98	1.42	47	--	3H	1W	
111.86	114.91	3.05	2.89	95	2.50	82	--	3H	1W	
114.91	117.96	3.05	3.05	100	1.80	59	--	4H	1W	
117.96	121.01	3.05	3.02	99	2.33	76	--	4H	1W	
121.01	124.05	3.04	3.04	100	1.64	54	--	4H	1W	
124.05	127.10	3.05	3.05	100	1.40	46	--	4H	1W	
127.10	130.15	3.05	3.05	100	2.07	68	--	3H	1W	
130.15	133.20	3.05	3.03	99	2.19	72	--	3H	3W	
133.20	136.25	3.05	2.97	97	1.67	55	--	4H	1W	
136.25	139.29	3.04	3	99	1.70	56	--	4H	1W	
139.29	142.34	3.05	3.02	99	2.17	71	--	4H	1W	
142.34	145.39	3.05	2.95	97	1.72	56	--	4H	1W	
145.39	148.44	3.05	3.05	100	2.33	76	--	4H	1W	
148.44	151.49	3.05	3.05	100	2.21	72	--	4H	1W	
151.49	154.53	3.04	2.91	96	1.49	49	--	4H	1W	
154.53	157.58	3.05	3.04	100	1.83	60	--	4H	1W	
157.58	160.63	3.05	2.93	96	2.58	85	--	4H	1W	
160.63	163.68	3.05	3.05	100	2.64	87	--	4H	1W	
163.68	166.73	3.05	3	98	2.45	80	--	3H	1W	
166.73	169.77	3.04	2.95	97	2.60	86	--	4H	1W	
169.77	172.82	3.05	2.5	82	1.50	49	--	2H	1W	
172.82	175.87	3.05	2.85	93	1.10	36	--	3H	1W	
175.87	178.92	3.05	2.95	97	1.30	43	--	4H	1W	
178.92	181.97	3.05	2.85	93	1.00	33	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	2.20	72	--	4H	1W	
185.01	188.06	3.05	3.05	100	2.30	75	--	4H	1W	
188.06	191.10	3.04	3	99	2.40	79	--	4H	1W	
191.10	194.15	3.05	3.05	100	2.50	82	--	4H	1W	
194.15	197.20	3.05	2.9	95	2.40	79	--	4H	1W	
197.20	200.25	3.05	3.05	100	2.10	69	--	3H	2W	
200.25	203.30	3.05	3	98	2.50	82	--	4H	1W	
203.30	206.34	3.04	3	99	2.60	86	--	4H	2W	
206.34	209.39	3.05	3.05	100	2.00	66	--	4H	2W	
209.39	212.44	3.05	2.9	95	2.10	69	--	4H	2W	
212.44	215.49	3.05	3	98	1.50	49	--	4H	1W	
215.49	218.54	3.05	3.05	100	2.80	92	--	4H	1W	
218.54	221.59	3.05	2.9	95	2.20	72	--	4H	1W	
221.59	224.64	3.05	3.05	100	2.50	82	--	4H	1W	EOH
224.64	227.69	3.05	3	98	2.40	79	--	4H	1W	
227.69	230.73	3.04	2.85	94	2.60	86	--	4H	1W	EOH

KL-14-156

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	5.09	GRD	
6	2.56	GRD	
7	11.6	GRD	
8	14.6	GRD	
9	12.2	GRD	
10	13.1	GRD	
11	10.8	GRD	
12	13.6	GRD	
13	5.47	GRD	
14	15.6	GRD	
15	14.2	GRD	
16	15.4	GRD	
17	13	GRD	
18	13.4	GRD	
19	8.96	GRD	
20	10.1	GRD	
21	3.24	GRD	
22	1.89	GRD	
23	3.36	GRD	
24	11.9	GRD	
25	14	GRD	
26	9.06	GRD	
27	13.3	GRD	
28	0.302	GRD	
29	12.7	GRD	
30	13.3	GRD	
31	0.71	GRD	
32	0.429	GRD	
33	12.1	GRD	
34	13.6	GRD	
35	7.18	GRD	
36	5.86	GRD	
37	10.3	GRD	
38	6.11	GRD	
39	16.1	GRD	
40	14.8	GRD	
41	0.478	GRD	
42	5.57	GRD	
43	2.85	GRD	
44	1.72	GRD	
45	0.564	GRD	
46	0.297	GRD	
47	0.446	GRD	
48	0.596	GRD	
49	0.563	GRD	
50	19.4	GRD	
51	0.922	GRD	
52	2.6	GRD	
53	0.366	GRD	
54	4.45	GRD	
55	0.377	GRD	
56	3.19	GRD	
57	11.1	GRD	
58	16.1	GRD	
59	18.58	GRD	
60	19.3	GRD	
61	8.43	GRD	
62	9.08	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	13.3	GRD	
64	13.1	GRD	
65	12.4	GRD	
66	16.3	GRD	
67	14.8	GRD	
68	17.3	GRD	
69	20.1	GRD	
70	14.7	GRD	
71	17	GRD	
72	18.2	GRD	
73	14	GRD	
74	15	GRD	
75	13	GRD	
76	5.79	GRD	
77	18.36	GRD	
78	0.384	GRD	
79	0.394	GRD	
80	10.2	GRD	
81	14.3	GRD	
82	11.8	GRD	
83	16.5	GRD	
84	12.4	GRD	
85	0.418	GRD	
86	0.459	GRD	
87	0.591	BXA	
88	0.466	GRD	
89	0.996	GRD	
90	0.334	GRD	
91	0.957	GRD	
92	0.276	GRD	
93	0.907	GRD	
94	0.49	GRD	
95	1.13	GRD	
96	1.36	GRD	
97	14.1	GRD	
98	0.746	GRD	
99	16.6	GRD	
100	6.53	GRD	
101	0.732	GRD	
102	15.9	GRD	
103	1.12	GRD	
104	0.576	GRD	
105	0.943	GRD	
106	0.33	GRD	
107	0.3	GRD	
108	0.343	GRD	
109	0.28	GRD	
110	0.445	GRD	
111	0.414	GRD	
112	0.537	GRD	
113	0.408	GRD	
114	1.25	GRD	
115	15.6	GRD	
116	15.2	GRD	
117	17	GRD	
118	19.2	GRD	
119	0.439	GRD	
120	0.55	GRD	
121	0.614	GRD	
122	5.8	GRD	
123	2.54	GRD	
124	0.513	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	15.2	GRD	
126	15.9	GRD	
127	5.77	GRD	
128	0.369	GRD	
129	0.157	GRD	
130	0.634	GRD	
131	3.47	GRD	
132	4.54	GRD	
133	18.9	GRD	
134	15.5	GRD	
135	16.5	GRD	
136	18.2	GRD	
137	13.1	GRD	
138	17	GRD	
139	19	GRD	
140	18.4	GRD	
141	17.5	GRD	
142	17.7	GRD	
143	18.3	GRD	
144	15.5	GRD	
145	18.4	GRD	
146	17.5	GRD	
147	17	GRD	
148	15.5	GRD	
149	18.2	GRD	
150	0.484	GRD	
151	17.7	GRD	
152	15.2	GRD	
153	12.9	GRD	
154	14.4	GRD	
155	18	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
156	14.3	GRD	
157	20.3	GRD	
158	16	GRD	
159	19.8	GRD	
160	20.4	GRD	
161	0.34	GRD	
162	15.6	GRD	
163	0.537	GRD	
164	0.406	GRD	
165	0.409	GRD	
166	0.552	GRD	
167	0.456	GRD	
168	19.5	GRD	
169	16.6	GRD	
170	0.585	GRD	
171	0.575	GRD	
172	13	GRD	
173	6.29	GRD	
174	17.9	GRD	
175	0.743	GRD	
176	11.4	GRD	
177	16.9	GRD	
178	0.483	GRD	
179	0.439	GRD	
180	0.339	GRD	
181	8.05	GRD	
182	2.29	GRD	
183	0.516	GRD	
184	18.7	GRD	
185	14.6	GRD	
186	1.16	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
187	17.5	GRD	
188	14.4	GRD	
189	14	GRD	
190	20.6	GRD	
191	14.4	GRD	
192	16.9	GRD	
193	17.6	GRD	
194	15.5	GRD	
195	16.4	GRD	
196	0.353	GRD	
197	0.36	QFP	
198	0.311	VEN	
199	0.382	QFP	
200	0.251	GRD	
201	0.715	GRD	
202	0.455	GRD	
203	0.452	GRD	
204	0.52	GRD	
205	0.399	GRD	
206	0.491	GRD	
207	0.518	GRD	
208	0.767	GRD	
209	0.571	GRD	
210	0.81	GRD	
211	0.585	GRD	
212	0.402	GRD	
213	0.436	GRD	
214	0.455	GRD	
215	0.444	GRD	
216	0.512	GRD	
217	0.372	GRD	
218	0.398	GRD	
219	0.474	GRD	
220	0.461	GRD	
221	0.331	GRD	
222	0.361	GRD	
223	0.473	GRD	
224	0.551	GRD	
225	0.53	GRD	
226	0.469	GRD	
227	5.37	GRD	
228	0.555	GRD	
229	0.339	GRD	
230	11.8	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382082	6889926	1352.32	112.78

ZONE: Central BRX

SECTION:

HOLE: KL-14-157

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Jun 22 - Jun 23, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
4.57	36.5	-48.6	Reflex
112.78	37.3	-48.9	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	18.05	16.53	GRD
18.05	23.9	5.85	GRD
23.9	37.28	13.38	GRD
37.28	69.59	32.31	GRD
69.59	71.33	1.74	VEN
71.33	79.52	8.19	QFP
79.52	112.78	33.26	GRD

SAMPLES	
Numbers:	Q016791 to Q016797, Q924570 to Q924601, Q927639 to Q927643
Total:	52
Batch:	027, 028, 039, 106
Certificates:	WH14099755, WH14099756, WH14099759, WH14114873

COMMENTS

Box Log

KL-14-157

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	7.44
2	7.44	12.9
3	12.9	17.9
4	17.9	23.12
5	23.12	28.65
6	28.65	34
7	34	39.2
8	39.2	44.52
9	44.52	50.05
10	50.05	55.65
11	55.65	60.2
12	60.2	65.53
13	65.53	70.27
14	70.27	75.57
15	75.57	80.77
16	80.77	85.85
17	85.85	90.95
18	90.95	96.25
19	96.25	101.98
20	101.98	107.63
21	107.63	112.78

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-157									
	19.36	11.5	HQ	GRD	613	396.5	1.82	2.8	Moderate propalytic altered granodiorite with moderate silicification and moderate oxidation, strongest on fracture surfaces. Cut by banded 40 degree ankerite, calcite, quartz vein with blebby ankerite, oxidized sulphides and disseminated pyrite. Goethite secondary on fracture surfaces.
	24.3	15.8	HQ	GRD	837.9	523.7	1.81	2.7	Grey-green quartz feldspar dyke with ankerite-quartz vein and veinlets
	30.35	14.9	HQ	GRD	757.7	474	1.74	2.7	moderate phyllic altered granodiorite with weak propalytic, moderate silicification and weak oxidation. Banded smoky quartz-ankerite at 60 degrees
	69.79	13.5	HQ	VEN	1105.6	861.4	2.8	4.5	Massive pyrite with intermixed semi-massive and blebby chalcopyrite, quartz-ankerite veinlets and 0.5 centimeters interstitial galena-ankerite veinlets. Weathered pyrite iridescent on weathered surfaces.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	70.13	15.4	HQ	VEN	1075.4	772.5	2.39	3.6	Half milky, smoky and clear quartz vein with semi-massive pyrite and blebby pyrite, arsenopyrite and ankerite. Half weak phyllic altered granodiorite with moderate silicification and disseminated pyrite and arsenopyrite
	71.31	11.5	HQ	VEN	872.2	626.2	2.6	3.6	Mineralized vein with altered banded pyrite - sphalerite - carbonates quartz veins. Intergrown smoky quartz and carbonates visible. Later stage milky quartz in pyrite

KL-14-157

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	18.05	16.53	GRD	MG	Granodiorite with weak pervasive silicification, fracture/vein-associated oxidation, patchy trace propylitic, patchy weak potassic, and vein-associated phyllic to argillic alteration. Cut by evenly spaced (1 per 2-3m) banded quartz-calcite veins with blebby pyrite and moderate oxide overprinting halos.							
						MD	GY	PO	OXI	2I		
						LT	BN		SIL	2I		
									PRO	1I		
									POT	2I		
									ARG	2I		
									PHC	1I		
18.05	23.90	5.85	GRD	MG	Granodiorite cut by many oxidized sulphide-bearing veins with phyllic to argillic halos. Veins are quartz-calcite, typically banded with blebby pyrite and black goethite. Moderate pervasive oxidation with trace patchy silicification.							
						MD	GY	PO	SIL	1I	Py	2
						LT	BN		OXI	3I	Li	6
									PHC	2I		
									ARG	3I	Go	2
23.90	37.28	13.38	GRD	MG	Baseline granodiorite with patchy trace propylitic, patchy trace silicification, patchy weak potassic, and weak oxidation on fractures. Cut by banded grey-smoky quartz-calcite veins with disseminated-blebby pyrite. Veins have phyllic to argillic halos.							
						MD	GY	PO	OXI	2I	Py	1
						LT	GN	PA	SIL	1I	Li	2
						LT	BN		PHC	3I		
									ARG	1I		
									POT	2I		
									PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
37.28	50.15	12.87	GRD	MG	Semi-pervasive phyllic and argillic from overprinting vein halos. Cut by smoky quartz-ankerite-calcite veinlets. Smoky quartz hosts disseminated pyrite. Weak-trace patchy potassic, propylitic, and silicification. Weak oxides on fractures							
						MD	GY	PO	OXI	2I	Py	1
						MD	GN	PA	SIL	1I	Li	1
						LT	GN		PHC	2I		
									PRO	1I		
									ARG	2I		
									POT	2I		
50.15	66.60	16.45	GRD	MG	Semi-pervasive phyllic and argillic from overprinting vein halos. Cut by smoky quartz-ankerite-calcite veinlets. Fewer veinlets than in previous interval. Smoky quartz hosts disseminated pyrite. Weak-trace patchy potassic, propylitic, and silicification. Weak oxides on fractures. Ends at mineralized veining adjacent to quartz feldspar porphyry dyke contact.							
						MD	GY	PO	PHC	2I		
						LT	GN	PA	ARG	2I		
									POT	1I		
									PRO	2I		
66.60	69.59	2.99	GRD	MG	Semi-pervasive phyllic and argillic from overprinting vein halos. Cut by smoky quartz-ankerite-calcite veinlets and several well mineralized banded smoky quartz-ankerite veins. Veins host blebby pyrite, banded sphalerite, interstitial chalcopyrite, and disseminated arsenopyrite. Smoky quartz hosts disseminated pyrite. Weak-trace patchy potassic, propylitic, and silicification. Weak oxides on fractures. Ends at mineralized veining adjacent to quartz feldspar porphyry dyke contact.							
								PO	SIL	3I	Py	3
									PRO	3I	As	1
									PHC	2I	Sp	3
											Cp	1
69.59	71.33	1.74	VEN	MG	Main BRX vein intercepts in this hole. Phyllic granodiorite is cut by two major veins with a short gap of granodiorite hosting disseminated pyrite at 70.24-70.67m.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BR		PHC	3I	As	4
						MD	GY		SIL	3I	Py	35
											Sp	4
									PRO	2I	Gn	4
											Cp	2
71.33	74.68	3.35	QFP	FG	Medium grey quartz feldspar porphyry dyke with ankerite veinlets/stringers at 70 TCA (1 per 3cm). Light green phenocrysts and weak silicification.							
						MD	GY		SIL	2I		
									HYD	4I		
74.68	79.52	4.84	QFP	FG	Medium tan quartz feldspar porphyry dyke with crackled texture (often infilled by ankerite) and strong gouge between 79.15-79.52m.							
						MD	TN		SIL	3I		
									HYD	4I		
79.52	112.78	33.26	GRD	MG	Pervasive moderate propylitic and weak potassic with patchy moderate silicification. Cut by rare veins with phyllic halos. EOH							
						MD	GN	PO	SIL	3I		
						MD	GY	PA	PRO	3I		
								MO	POT	2I		
									PHC	2I		

KL-14-157

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	18.05	16.53	GRD	MG	Granodiorite with weak pervasive silicification, fracture/vein-associated oxidation, patchy trace propylitic, patchy weak potassic, and vein-associated phyllic to argillic alteration. Cut by evenly spaced (1 per 2-3m) banded quartz-calcite veins with blebby pyrite and moderate oxide overprinting halos.							
						LT	BN		SIL	2I	Li	5
									PRO	1I		
									POT	2I		
									ARG	2I		
									PHC	1I		
						MD	GY	PO	OXI	2I	Py	0.5
18.05	23.90	5.85	GRD	MG	Granodiorite cut by many oxidized sulphide-bearing veins with phyllic to argillic halos. Veins are quartz-calcite, typically banded with blebby pyrite and black goethite. Moderate pervasive oxidation with trace patchy silicification.							
						MD	GY		SIL	1I	Li	6
									ARG	3I	Go	2
						LT	BN	PO	OXI	3I	Py	2
									PHC	2I		
23.90	37.28	13.38	GRD	MG	Baseline granodiorite with patchy trace propylitic, patchy trace silicification, patchy weak potassic, and weak oxidation on fractures. Cut by banded grey-smoky quartz-calcite veins with disseminated-blebby pyrite. Veins have phyllic to argillic halos.							
									PRO	1I		
						MD	GY	PO	OXI	2I	Py	1
						LT	GN	PA	SIL	1I	Li	2
						LT	BN		PHC	3I		
									ARG	1I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
37.28	69.59	32.31	GRD	MG	Semi-pervasive phyllic and argillic from overprinting vein halos. Cut by smoky quartz-ankerite-calcite veinlets. Smoky quartz hosts disseminated pyrite. Weak-trace patchy potassic, propylitic, and silicification. Weak oxides on fractures. Ends at mineralized veining adjacent to quartz feldspar porphyry dyke contact.							
						LT	GN		PHC	2I		
									ARG	2I		
									POT	2I		
									PRO	1I		
						MD	GY	PO	OXI	2I	Py	1
						MD	GN	PA	SIL	1I	Li	1
69.59	71.33	1.74	VEN	MG	Main BRX vein intercepts in this hole. Phyllic granodiorite is cut by two major veins with a short gap of granodiorite hosting disseminated pyrite at 70.24-70.67m.							
						MD	BR		SIL	3I	As	4
											Sp	4
									PRO	2I	Gn	4
						MD	GY		PHC	3I	Py	35
											Cp	2
71.33	79.52	8.19	QFP	FG	Medium grey-tan quartz feldspar porphyry dyke.							
						MD	GY		HYD	4I		
						MD	TN		SIL	3I		
79.52	112.78	33.26	GRD	MG	Pervasive moderate propylitic and weak potassic with patchy moderate silicification. Cut by rare veins with phyllic halos. EOH							
									PHC	2I		
						MD	GY	PO	SIL	3I		
						MD	GN	PA	PRO	3I		
								MO	POT	2I		

KL-14-157

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	2.23	73	0.94	31	--	1H	5W	
4.57	7.62	3.05	2.53	83	1.88	62	--	2H	4W	
7.62	10.67	3.05	2.81	92	2.48	81	--	4H	3W	
10.67	13.72	3.05	2.98	98	2.90	95	--	4H	2W	
13.72	16.76	3.04	2.61	86	1.59	52	--	2H	3W	
16.76	19.81	3.05	2.93	96	2.07	68	--	3H	3W	
19.81	22.86	3.05	2.85	93	1.78	58	--	3H	3W	
22.86	25.91	3.05	3.05	100	2.28	75	--	3H	2W	
25.91	28.96	3.05	2.87	94	2.27	74	--	4H	3W	
28.96	32.00	3.04	2.91	96	2.60	86	--	3H	2W	
32.00	35.05	3.05	2.87	94	2.04	67	--	4H	2W	
35.05	38.10	3.05	2.98	98	2.30	75	--	4H	2W	
38.10	41.15	3.05	2.96	97	1.96	64	--	3H	2W	
41.15	44.20	3.05	3	98	1.80	59	--	3H	2W	
44.20	47.24	3.04	2.9	95	2.16	71	--	3H	1W	
47.24	50.29	3.05	2.72	89	1.69	55	--	3H	2W	
50.29	53.34	3.05	2.95	97	1.71	56	--	4H	1W	
53.34	56.39	3.05	2.56	84	0.98	32	--	3H	1W	
56.39	59.44	3.05	2.99	98	2.11	69	--	4H	1W	
59.44	62.48	3.04	2.76	91	1.26	41	--	4H	1W	
62.48	65.53	3.05	3.05	100	2.32	76	--	4H	1W	
65.53	68.58	3.05	3.05	100	1.60	52	--	3H	1W	
68.58	71.63	3.05	2.77	91	1.64	54	--	3H	1W	
71.63	74.68	3.05	2.85	93	1.68	55	--	3H	1W	
74.68	77.72	3.04	2.81	92	1.73	57	--	3H	1W	
77.72	80.77	3.05	2.76	90	1.34	44	--	3H	1W	
80.77	83.82	3.05	2.95	97	1.85	61	--	4H	1W	
83.82	86.87	3.05	2.99	98	1.68	55	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.92	96	1.74	57	--	2H	1W	
89.92	92.96	3.04	2.95	97	1.62	53	--	4H	1W	
92.96	96.01	3.05	2.96	97	1.66	54	--	4H	1W	
96.01	99.06	3.05	2.91	95	2.26	74	--	4H	1W	
99.06	102.11	3.05	3	98	2.61	86	--	4H	1W	
102.11	105.16	3.05	2.88	94	1.94	64	--	4H	1W	
105.16	108.20	3.04	3.04	100	2.98	98	--	4H	1W	
108.20	111.25	3.05	3.05	100	1.85	61	--	4H	1W	
111.25	112.78	1.53	1.53	100	0.98	64	--	4H	1W	EOH

Magnetic Suscepatibility

KL-14-157

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	15	GRD	
3	9.35	GRD	
4	18.3	GRD	
5	0.303	GRD	
6	17.9	GRD	
7	0.665	GRD	
8	16.1	GRD	
9	4.62	GRD	
10	2.64	GRD	
11	17.6	GRD	
12	20.5	GRD	
13	17.1	GRD	
14	0.241	GRD	
15	1.25	GRD	
16	6.86	GRD	
17	19.3	GRD	
18	14.7	GRD	
19	0.261	GRD	
20	0.22	GRD	
21	0.208	GRD	
22	0.322	GRD	
23	0.209	GRD	
24	2.89	GRD	
25	0.206	GRD	
26	10.2	GRD	
27	5.32	GRD	
28	3.6	GRD	
29	0.43	GRD	
30	0.37	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	5.6	GRD	
32	0.895	GRD	
33	4.85	GRD	
34	17.9	GRD	
35	3.91	GRD	
36	15.2	GRD	
37	3.06	GRD	
38	0.132	GRD	
39	0.223	GRD	
40	0.434	GRD	
41	0.307	GRD	
42	0.244	GRD	
43	0.313	GRD	
44	0.258	GRD	
45	0.307	GRD	
46	0.385	GRD	
47	0.414	GRD	
48	0.828	GRD	
49	1.21	GRD	
50	0.289	GRD	
51	3.73	GRD	
52	6.46	GRD	
53	0.285	GRD	
54	0.394	GRD	
55	0.346	GRD	
56	0.253	GRD	
57	0.288	GRD	
58	0.306	GRD	
59	4.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	1.09	GRD	
61	0.282	GRD	
62	0.378	GRD	
63	0.46	GRD	
64	1.67	GRD	
65	0.587	GRD	
66	1.09	GRD	
67	0.38	GRD	
68	0.477	GRD	
69	0.161	GRD	
70	0.208	VEN	
71	47.9	VEN	
72	0.307	QFP	
73	0.199	QFP	
74	0.231	QFP	
75	0.313	QFP	
76	0.252	QFP	
77	0.356	QFP	
78	0.283	QFP	
79	0.237	QFP	
80	0.543	GRD	
81	6.51	GRD	
82	1.74	GRD	
83	14.7	GRD	
84	8.01	GRD	
85	28.4	GRD	
86	20.6	GRD	
87	13.4	GRD	
88	0.249	GRD	
89	0.326	GRD	
90	17	GRD	
91	21.1	GRD	
92	20.3	GRD	
93	0.501	GRD	
94	16.2	GRD	
95	1.19	GRD	
96	2.7	GRD	
97	0.555	GRD	
98	0.425	GRD	
99	16.9	GRD	
100	19.6	GRD	
101	5.47	GRD	
102	15.9	GRD	
103	18.1	GRD	
104	4.6	GRD	
105	17.3	GRD	
106	13.6	GRD	
107	17.5	GRD	
108	18.2	GRD	
109	3.13	GRD	
110	20.1	GRD	
111	19.8	GRD	
112	17.1	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381716	6890031	1302.57	209.4

ZONE: Western BRX

SECTION:

HOLE: KL-14-158

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jun 23 - Jun 26, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
3.96	136.9	-87.3	Reflex
213.36	32	-49.5	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.81	3.81	CAS
3.81	87.8	83.99	GRD
87.8	134.7	46.9	GRD
134.7	136.4	1.7	GRD
136.4	136.8	0.4	QFP
136.8	140.58	3.78	GRD
140.58	142.47	1.89	QFP
142.47	144.62	2.15	GRD
144.62	145.88	1.26	VEN
145.88	149.4	3.52	GRD
149.4	161.83	12.43	GRD
161.83	163.12	1.29	GRD
163.12	163.62	0.5	VEN
163.62	163.86	0.24	GRD
163.86	166.88	3.02	QFP
166.88	169.77	2.89	GRD

SAMPLES	
Numbers:	Q016826 to Q016830, Q016833 to Q016835, Q924315 to Q924402
Total:	98
Batch:	037, 041, 042, 052
Certificates:	WH14101248, WH14104127, WH14104753, WH14104756

COMMENTS

169.77	209.4	39.63	GRD

Box Log

KL-14-158

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.89	7.53
2	7.53	11.5
3	11.5	15.59
4	15.59	19.37
5	19.37	23.41
6	23.41	27.24
7	27.24	31.08
8	31.08	35.27
9	35.27	39.04
10	39.04	43.13
11	43.13	47.32
12	47.32	51.04
13	51.04	54.95
14	54.95	58.96
15	58.96	63.09
16	63.09	66.88
17	66.88	70.7
18	70.7	74.45
19	74.45	78.33
20	78.33	82.53
21	82.53	87.47
22	87.47	90.72
23	90.72	94.35
24	94.35	98.17
25	98.17	102.19
26	102.19	105.88
27	105.88	110
28	110	113.65
29	113.65	119.09
30	119.09	123.15
31	123.15	126.96
32	126.96	130.79
33	130.79	134.5
34	134.5	138.5
35	138.5	142.26
36	142.26	145.8
37	145.8	149.57
38	149.57	153.41
39	153.41	157.34
40	157.34	161.33
41	161.33	165.6
42	165.6	169.77
43	169.77	174.18
44	174.18	178.71
45	178.71	182.46
46	182.46	186.32
47	186.32	190.36
48	190.36	194.16
49	194.16	198.2
50	198.2	202.37
51	202.37	206.34
52	206.34	209.4

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-158									
	20.96	13	HQ	GRD	1102.1	1325	2.9	-4.9	Moderate oxidation, moderate phyllic and moderately silicified granodiorite
	102.84	10.9	HQ	GRD	927.3	582	2.91	2.7	Trace argillic altered granodiorite, moderate phyllic, moderate silicification. 60 degree quartz-ankerite-bladed calcite vein with vugs.
	120.92	8.4	HQ	GRD	662.8	400.4	2.7	2.5	Moderate argillic altered granodiorite with moderate pottassic and weak propalytic alteration.
	144.59	14.9	HQ	GRD	1603.1	1130.2	3.68	3.4	Mineralized milky quartz-ankerite-bladed calcite vein with blebby and disseminated sphalerite and pyrite. 1 centimeter semi-massive vein of pyrite.
	144.84	13.5	HQ	VEN	1518	1109.3	3.85	3.7	Mineralized banded ankerite-milky quartz vein intersecting vuggy bladed calcite vein. Quartz hosting semi-massive pyrite with interstitial honey-brown sphalerite. Disseminated arsenopyrite, galena in semi-massive pyrite.
	145.5	6.7	HQ	VEN	790.6	582	4.04	3.8	Gougy milky, smoky quartz vein with semi-massive, blebby pyrite and blebby honey sphalerite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	163.11	21.4	HQ	GRD	2866.2	2252	4.58	4.7	Mineralized smoky,milky quartz vein with intermixed semi-massive to massive pyrite and arsenopyrite, blebby sphalerite, arsenopyrite, pyrite, chalcopyrite and galena. Vuggy calcite intermixed with blebby sphalerite
	163.38	23.8	HQ	VEN	2473	1690.5	3.56	3.2	Mineralized calcite-ankerite-smoky, milky quartz vein with semi-massive pyrite and arsenopyrite, blebby pyrite, arsenopyrite, ankerite, bladed calcite, galena and chalcopyrite and disseminated arsenopyrite. Disseminated jamesonite in ankerite blebs.
	194.55	14.8	HQ	GRD	1170.9	704	2.71	2.5	Moderate argillic altered granodiorite with weak phyllic, weak pottassic and trace propalytic.
	196.17	12.3	HQ	GRD	1054.1	665.5	2.93	2.7	Moderate phyllic altered granodiorite with weak propalytic alteration and silicification.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.81	18.84	15.03	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces.							
						MD	OR					
						MD	GY		OXI	3I		
18.84	22.70	3.86	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy moderate argillic alteration with a weak potassic/propyllitic overprint. Semi-pervasive moderate to strong oxidation obscures rock textures. Hosts multiple oxidized quartz/carbonate veinlets.							
						MD	OR		OXI	3I		
						MD	GN		OXI	4I		
						LT	WH		SIL	3I		
									POT	2I		
									PRO	2I		
									ARG	3I		
									PHC	3I		
22.70	25.92	3.22	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces.							
						MD	OR					
						MD	GY		OXI	3I		
25.92	27.55	1.63	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy moderate argillic alteration with a weak potassic/propyllitic overprint. Semi-pervasive moderate to strong oxidation obscures rock textures. Hosts multiple oxidized quartz/carbonate veinlets.							
						MD	OR		OXI	3I		
						MD	GN		OXI	4I		
						LT	WH		SIL	3I		
									POT	2I		
									PRO	2I		
									ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	3I		
27.55	36.60	9.05	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces.							
						MD	OR					
						MD	GY		OXI	3I		
36.60	37.21	0.61	GRD	MG	Moderately silicified and phyllic altered granodiorite, moderately oxidized. Hosts multiple carbonate/veinlets.							
						MD	GN		SIL	3I		
						LT	GN		OXI	3I		
									PHC	3I		
37.21	43.85	6.64	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces.							
						MD	OR					
						MD	GY		OXI	3I		
43.85	48.50	4.65	GRD	MG	Partially gouge altered and rubbly unaltered granodiorite with moderate oxidation along fracture surfaces.							
						MD	GY	RB	OXI	3I		
						MD	OR					
48.50	80.20	31.70	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR					
87.74	87.80	0.06	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR					
87.80	92.50	4.70	GRD	MG	Trace to weak potassic and propyllitic altered granodiorite with small phyllic envelopes around carbonate veinlets.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN					
92.50	98.30	5.80	GRD	MG	Moderate phyllic and silicified granodiorite with patchy argillic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						LT	GN		PHC	3I		
						LT	WH		SIL	3I		
									ARG	3I		
98.30	100.85	2.55	GRD	MG	Trace to weak potassic and propyllitic altered granodiorite with small phyllic envelopes around carbonate veinlets.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						DK	GN					
100.85	103.41	2.56	GRD	MG	Moderately silicified/phyllic altered granodiorite hosting multiple quartz/carbonate/sulphide veins.							
						LT	GN		SIL	3I		
									PHC	3I		
103.41	108.51	5.10	GRD	MG	Trace to weak potassic and propyllitic altered granodiorite with small phyllic envelopes around carbonate veinlets.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						DK	GN					
108.51	121.25	12.74	GRD	MG	Moderately argillic altered granodiorite with moderate potassic and weak propyllitic overprint. Has patches of moderate to strong propyllitic alteration. Small phyllic envelopes around carbonate veinlets. *Fault between ~115.60 and 118m. Lost core.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
									PRO	4I		
121.25	124.89	3.64	GRD	MG	Trace to weak potassic and propyllitic altered granodiorite with small phyllic envelopes around carbonate veinlets.							
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
129.91	134.70	4.79	GRD	MG	Trace to weak potassic and propyllitic altered granodiorite with small phyllic envelopes around carbonate veinlets.							
						MD	PK		POT	2I		
						MD	GY		PRO	2I		
						DK	GN					
134.70	136.40	1.70	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy potassic and propyllitic overprinted argillic alteration distally from vein.							
						MD	GN		PHC	3I		
						MD	PK		PRO	2I		
						LT	GN		SIL	3I		
						LT	WH		PRO	3I		
									POT	2I		
									ARG	3I		
136.40	136.80	0.40	QFP	FG	Grey/green quartz feldspar porphyry dyke partially gouge altered. Contacts are gouge altered and rubbly.							
						MD	GY					
						MD	GN					
136.80	140.58	3.78	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy potassic and propyllitic overprinted argillic alteration distally from vein.							
						MD	GN		PHC	3I		
						MD	PK		PRO	2I		
						LT	GN		SIL	3I		
						LT	WH		PRO	3I		
									ARG	3I		
									POT	2I		
140.58	142.47	1.89	QFP	FG	Tan quartz feldspar porphyry dyke. Upper contact is oriented at 60 degrees TCA. Lower contact is gouge altered and obscured.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	TN					
142.47	144.62	2.15	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic/potassic overprinted argillic alteration.							
						LT	WH		PHC	3I		
						LT	GN		SIL	3I		
									ARG	3I		
									PRO	3I		
									POT	3I		
144.62	145.88	1.26	VEN	MG	Mineralized vein zone. Main vein (Vein 1, 48cm) is a grey-smokey quartz/tan ankerite vein hosting disseminated to blebby pyrite, sphalerite and disseminated galena. Ankerite hosts disseminated galena and sphalerite. Vein is cross-cut by randomly oriented white carbonate veinlets. Vein 2 (16cm) is a grey to smokey quartz vein hosting disseminated to blebby pyrite and disseminated sphalerite and galena. Ankerite is present and blebby in vein. Vein 3 (8cm) is a grey to smokey quartz vein hosting disseminated to blebby pyrite and sphalerite. Veins 1-2 and 2-3 are separated 15cm and 8cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite respectively. Last 35cm of interval are strongly silicified and phyllic altered granodiorite hosting disseminated pyrite.							
											Py	6
											Sp	2
											Gn	1
145.88	149.40	3.52	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic/potassic overprinted argillic alteration.							
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
									PRO	3I		
									POT	3I		
									ARG	3I		
149.40	151.65	2.25	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK					
151.65	159.92	8.27	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic alteration hosting multiple ca carbonate and quartz veinlets ~3 per meter.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PRO	2I		
159.92	161.83	1.91	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GN		POT	2I		
						MD	PK					
						MD	GY		PRO	2I		
161.83	163.12	1.29	GRD	MG	Upper alteration halo around semi-massive sulphide vein. Moderately silicified, moderate to strong phyllic altered granodiorite hosting disseminated pyrite and pyrite stringers.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I	Py	1
									PHC	4I		
163.12	163.62	0.50	VEN	MG	Grey to milky quartz vein hosting semi-massive pyrite, disseminated to blebby arsenopyrite and disseminated sphalerite, galena, jamesonite and chalcopyrite. Jamesonite occurs in ankerite blebs.							
											As	5
											Cp	1
											Jm	1
											Sp	1
											Py	30
											Gn	1
163.62	163.86	0.24	GRD	MG	Lower alteration halo around semi-massive sulphide vein. Moderately silicified, moderate to strong phyllic altered granodiorite hosting disseminated pyrite and pyrite stringers.							
						MD	GN					
						LT	GN				Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
163.86	166.88	3.02	QFP	FG	Grey quartz feldspar porphyry transition to medium orange quartz feldspar porphyry dyke. Dyke-dyke contact (165.50cm) is gouge altered for 10cm. Orange dyke is partially gouge altered. Dyke-granodiorite contacts are gouge altered and obscures contact.							
						MD	OR					
						MD	GY					
166.88	169.77	2.89	GRD	MG	Moderately silicified and phyllic altered granodiorite transitioning to patchy argillic altered granodiorite with a potassic/propyllitic overprint.							
						MD	PK		POT	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
									PRO	2I		
169.77	170.25	0.48	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite. Small phyllic halos around carbonate veinlets and stringers, ~3-4 per meter.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						DK	GN					
170.25	177.40	7.15	GRD	MG	Alternating patches of moderately silicified, phyllic/propyllitic altered granodiorite and argillic/potassic altered granodiorite. Phyllic/propyllitic alteration is proximal to quartz and/or carbonate veinlets.							
						MD	GN		PRO	3I		
						MD	PK		POT	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
177.40	179.24	1.84	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite. Small phyllic halos around carbonate veinlets and stringers, ~3-4 per meter.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN					
179.24	185.29	6.05	GRD	MG	Alternating patches of moderately silicified, phyllic/propyllitic altered granodiorite and argillic/potassic altered granodiorite. Phyllic/propyllitic alteration is proximal to quartz and/or carbonate veinlets.							
						MD	PK		POT	3I		
						MD	GN		PRO	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
185.29	193.05	7.76	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite. Small phyllic halos around carbonate veinlets and stringers, ~3-4 per meter.							
						MD	PK		POT	2I		
						MD	GY		PRO	2I		
						DK	GN					
193.05	202.69	9.64	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting an abundance (~5 per meter) of carbonate +/- quartz veins and veinlets. Has patchy propyllitic/potassic overprinted argillic alteration distal from veins.							
						MD	PK		PRO	2I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
									POT	2I		
202.69	205.00	2.31	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite. Small phyllic halos around carbonate veinlets and stringers, ~3-4 per meter.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						DK	GN					
205.00	208.44	3.44	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting an abundance (~5 per meter) of carbonate +/- quartz veins and veinlets. Has patchy propyllitic/potassic overprinted argillic alteration distal from veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
									POT	2I		
208.44	209.40	0.96	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite. Small phyllic halos around carbonate veinlets and stringers, ~3-4 per meter.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						DK	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.81	87.80	83.99	GRD	MG	Unaltered granodiorite with moderate oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	OR					
						MD	GY		OXI	3I		
87.80	134.70	46.90	GRD	MG	Trace to weak potassic and propyllitic altered granodiorite with small phyllic envelopes around carbonate veinlets.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						DK	GN					
134.70	136.40	1.70	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy potassic and propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PRO	2I		
									ARG	3I		
						LT	WH		PRO	3I		
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									POT	2I		
136.40	136.80	0.40	QFP	FG	Grey/green quartz feldspar porphyry dyke partially gouge altered. Contacts are gouge altered and rubbly.							
						MD	GY					
						MD	GN					
136.80	140.58	3.78	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy potassic and propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PRO	2I		
									POT	2I		
						LT	GN		SIL	3I		
						LT	WH		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	3I		
						MD	GN		PHC	3I		
140.58	142.47	1.89	QFP	FG	Tan quartz feldspar porphyry dyke. Upper contact is oriented at 60 degrees TCA. Lower contact is gouge altered and obscured.							
						MD	TN					
142.47	144.62	2.15	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic/potassic overprinted argillic alteration.							
									POT	3I		
									PRO	3I		
									ARG	3I		
						LT	WH		PHC	3I		
						LT	GN		SIL	3I		
144.62	145.88	1.26	VEN	MG	Mineralized vein zone. Main vein (Vein 1, 48cm) is a grey-smokey quartz/tan ankerite vein hosting disseminated to blebby pyrite, sphalerite and disseminated galena. Ankerite hosts disseminated galena and sphalerite. Vein is cross-cut by randomly oriented white carbonate veinlets. Vein 2 (16cm) is a grey to smokey quartz vein hosting disseminated to blebby pyrite and disseminated sphalerite and galena. Ankerite is present and blebby in vein. Vein 3 (8cm) is a grey to smokey quartz vein hosting disseminated to blebby pyrite and sphalerite. Veins 1-2 and 2-3 are separated 15cm and 8cm of strongly silicified and phyllic altered granodiorite hosting disseminated pyrite respectively. Last 35cm of interval are strongly silicified and phyllic altered granodiorite hosting disseminated pyrite.							
											Py	6
											Gn	1
											Sp	2
145.88	149.40	3.52	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic/potassic overprinted argillic alteration.							
						LT	WH		PHC	3I		
									ARG	3I		
									PRO	3I		
									POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	3I		
149.40	161.83	12.43	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						DK	GN		POT	2I		
						MD	GY		PRO	2I		
						MD	PK					
161.83	163.12	1.29	GRD	MG	Upper alteration halo around semi-massive sulphide vein. Moderately silicified, moderate to strong phyllic altered granodiorite hosting disseminated pyrite and pyrite stringers.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I	Py	1
									PHC	4I		
163.12	163.62	0.50	VEN	MG	Grey to milky quartz vein hosting semi-massive pyrite, disseminated to blebby arsenopyrite and disseminated sphalerite, galena, jamesonite and chalcopyrite. Jamesonite occurs in ankerite blebs.							
											Sp	1
											Py	30
											As	5
											Cp	1
											Jm	1
											Gn	1
163.62	163.86	0.24	GRD	MG	Lower alteration halo around semi-massive sulphide vein. Moderately silicified, moderate to strong phyllic altered granodiorite hosting disseminated pyrite and pyrite stringers.							
						LT	GN				Py	1
						MD	GN					
163.86	166.88	3.02	QFP	FG	Grey quartz feldspar porphyry transition to medium orange quartz feldspar porphyry dyke. Dyke-dyke contact (165.50cm) is gouge altered for 10cm. Orange dyke is partially gouge altered. Dyke-granodiorite contacts are gouge altered and obscures contact.							
						MD	OR					
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
166.88	169.77	2.89	GRD	MG	Moderately silicified and phyllic altered granodiorite transitioning to patchy argillic altered granodiorite with a potassic/propyllitic overprint.							
									PRO	2I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
						MD	PK		POT	3I		
169.77	209.40	39.63	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite. Small phyllic halos around carbonate veinlets and stringers, ~3-4 per meter.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						DK	GN					

KL-14-158

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.81	3.81	0	0	0.00	0	--	--	--	
3.81	5.18	1.37	1.08	79	0.28	20	--	3H	4W	
5.18	8.23	3.05	2.87	94	1.65	54	--	4H	2W	
8.23	11.28	3.05	2.8	92	1.88	62	--	4H	2W	
11.28	14.33	3.05	2.92	96	1.60	52	--	4H	2W	
14.33	17.37	3.04	2.86	94	1.49	49	--	4H	2W	
17.37	20.42	3.05	2.83	93	1.22	40	--	3H	2W	
20.42	23.47	3.05	2.9	95	2.25	74	--	3H	2W	
23.47	26.52	3.05	2.97	97	2.04	67	--	3H	2W	
26.52	29.57	3.05	2.91	95	1.00	33	--	3H	3W	
29.57	32.61	3.04	2.67	88	1.84	61	--	3H	2W	
32.61	35.66	3.05	2.64	87	2.03	67	--	3H	2W	
35.66	38.71	3.05	3	98	1.76	58	--	3H	2W	
38.71	41.76	3.05	2.82	92	1.85	61	--	3H	2W	
41.76	44.81	3.05	3.05	100	1.34	44	--	4H	3W	
44.81	47.85	3.04	1.84	61	0.36	12	--	1H	2W	Rubbly
47.85	50.90	3.05	2.88	94	1.63	53	--	3H	2W	
50.90	53.94	3.04	2.82	93	1.14	38	--	4H	2W	
53.94	56.99	3.05	3.05	100	2.04	67	--	4H	1W	
56.99	60.04	3.05	2.9	95	0.95	31	--	4H	1W	
60.04	63.09	3.05	2.91	95	1.57	51	--	4H	1W	
63.09	66.14	3.05	2.45	80	0.13	4	--	3H	1W	
66.14	69.18	3.04	2.82	93	1.09	36	--	4H	2W	
69.18	72.23	3.05	3	98	1.01	33	--	4H	1W	
72.23	75.29	3.06	2.86	93	1.28	42	--	4H	1W	
75.29	78.33	3.04	2.86	94	1.72	57	--	4H	1W	
78.33	81.38	3.05	2.24	73	1.07	35	--	4H	1W	
81.38	84.43	3.05	1.5	49	0.46	15	--	3H	1W	
84.43	87.47	3.04	2.92	96	0.94	31	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.47	90.52	3.05	2.82	92	0.92	30	--	3H	1W	
90.52	93.57	3.05	3.03	99	1.27	42	--	3H	1W	
93.57	96.62	3.05	2.89	95	1.86	61	--	2H	1W	
96.62	99.66	3.04	2.95	97	2.32	76	--	2H	1W	
99.66	102.71	3.05	3.05	100	2.11	69	--	2H	1W	
102.71	105.76	3.05	2.86	94	1.96	64	--	4H	1W	
105.76	108.81	3.05	2.7	89	1.76	58	--	4H	1W	
108.81	111.86	3.05	2.87	94	1.71	56	--	3H	1W	
111.86	114.91	3.05	2.74	90	0.96	31	--	3H	1W	
114.91	117.95	3.04	1.11	37	0.36	12	--	3H	1W	Fault
117.95	121.00	3.05	3.01	99	2.76	90	--	3H	1W	
121.00	124.05	3.05	2.75	90	1.47	48	--	3H	1W	
124.05	127.10	3.05	2.73	90	1.30	43	--	3H	1W	
127.10	130.14	3.04	2.95	97	2.57	85	--	3H	1W	
130.14	133.19	3.05	2.95	97	2.04	67	--	3H	1W	
133.19	136.24	3.05	2.92	96	2.66	87	--	3H	1W	
136.24	139.29	3.05	2.9	95	1.16	38	--	3H	1W	
139.29	142.34	3.05	2.77	91	1.06	35	--	3H	1W	
142.34	145.38	3.04	2.78	91	1.03	34	--	2H	1W	
145.38	148.43	3.05	2.88	94	1.06	35	--	3H	1W	
148.43	151.49	3.06	2.94	96	0.77	25	--	3H	1W	
151.49	154.55	3.06	2.87	94	2.26	74	--	3H	1W	
154.55	157.58	3.03	2.98	98	1.96	65	--	3H	1W	
157.58	160.63	3.05	2.99	98	2.12	70	--	3H	1W	
160.63	163.60	2.97	0.68	23	0.50	17	--	3H	1W	
163.60	166.73	3.13	2.96	95	1.00	32	--	3H	1W	
166.73	169.77	3.04	2.45	81	1.00	33	--	4H	1W	
169.77	172.82	3.05	2.5	82	1.80	59	--	4H	1W	
172.82	175.87	3.05	2.85	93	1.50	49	--	4H	1W	
175.87	178.92	3.05	3	98	1.80	59	--	4H	1W	
178.92	181.97	3.05	3	98	2.00	66	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.9	95	1.20	39	--	4H	1W	
185.01	188.06	3.05	3	98	1.60	52	--	4H	1W	
188.06	191.11	3.05	2.8	92	1.90	62	--	4H	1W	
191.11	194.16	3.05	3	98	1.80	59	--	4H	1W	
194.16	197.21	3.05	3	98	2.10	69	--	4H	1W	
197.21	200.25	3.04	2.95	97	2.20	72	--	4H	1W	
200.25	203.30	3.05	3	98	2.10	69	--	4H	1W	
203.30	206.34	3.04	3	99	2.60	86	--	3H	1W	
206.34	209.40	3.06	2.95	96	1.90	62	--	3H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	16.6	GRD	
5	9.65	GRD	
6	15.4	GRD	
7	16.2	GRD	
8	15.9	GRD	
9	15.8	GRD	
10	16.8	GRD	
11	9.57	GRD	
12	7.66	GRD	
13	7.84	GRD	
14	17.9	GRD	
15	17.9	GRD	
16	15.9	GRD	
17	17	GRD	
18	2.93	GRD	
19	2.12	GRD	
20	0.395	GRD	
21	0.702	GRD	
22	0.295	GRD	
23	12.8	GRD	
24	5.096	GRD	
25	15.3	GRD	
26	1.86	GRD	
27	8.88	GRD	
28	10.7	GRD	
29	0.514	GRD	
30	10.1	GRD	
31	6.47	GRD	
32	0.655	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	11.4	GRD	
34	13.9	GRD	
35	10.5	GRD	
36	0.466	GRD	
37	0.682	GRD	
38	12.85	GRD	
39	0.1	GRD	
40	6.74	GRD	
41	19.2	GRD	
42	16.5	GRD	
43	17.3	GRD	
44	12.2	GRD	
45	12.7	GRD	
46	15.5	GRD	
47	12.4	GRD	
48	7.16	GRD	
49	1.88	GRD	
50	10.7	GRD	
51	16.5	GRD	
52	14.7	GRD	
53	0.657	GRD	
54	17.6	GRD	
55	17.8	GRD	
56	20.1	GRD	
57	8.13	GRD	
58	17.2	GRD	
59	14.6	GRD	
60	14.5	GRD	
61	16.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	16.8	GRD	
63	18.9	GRD	
64	14.7	GRD	
65	18.5	GRD	
66	16	GRD	
67	1.86	GRD	
68	19.1	GRD	
70	19.7	GRD	
71	18.8	GRD	
72	9.87	GRD	
73	18.5	GRD	
74	0.492	GRD	
75	15.3	GRD	
76	1.73	GRD	
77	21.3	GRD	
78	19	GRD	
79	12.9	GRD	
81	0.552	GRD	
82	2.46	GRD	
83	0.309	GRD	
84	0.468	GRD	
85	0.346	GRD	
86	3.72	GRD	
87	9.86	GRD	
88	4.44	GRD	
89	0.615	GRD	
90	0.432	GRD	
91	8.38	GRD	
92	2.71	GRD	
93	0.454	GRD	
94	0.386	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
95	0.476	GRD	
96	5.97	GRD	
97	0.582	GRD	
98	0.501	GRD	
99	12.4	GRD	
100	19.6	GRD	
101	0.571	GRD	
102	0.402	GRD	
103	7.63	GRD	
104	16.9	GRD	
105	16	GRD	
106	5.26	GRD	
107	6.2	GRD	
108	0.563	GRD	
109	0.567	GRD	
110	1.17	GRD	
111	0.304	GRD	
112	0.438	GRD	
113	0.701	GRD	
114	1.35	GRD	
115	0.402	GRD	
116	0.444	GRD	
117	0.475	GRD	
118	0.442	GRD	
119	0.511	GRD	
120	0.474	GRD	
121	10.7	GRD	
122	10.1	GRD	
123	7.74	GRD	
124	7	GRD	
125	3.22	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
126	0.45	GRD	
127	0.529	GRD	
128	3.35	GRD	
129	0.479	GRD	
130	0.446	GRD	
131	0.502	GRD	
132	0.607	GRD	
133	0.927	GRD	
134	0.563	GRD	
135	0.396	GRD	
136	0.41	GRD	
137	0.405	GRD	
138	0.669	GRD	
139	0.845	GRD	
140	0.286	GRD	
141	0.312	QFP	
142	0.293	QFP	
143	0.376	GRD	
144	0.545	GRD	
145	0.328	VEN	
146	0.44	GRD	
147	0.586	GRD	
148	0.497	GRD	
149	2.25	GRD	
150	7.14	GRD	
151	0.674	GRD	
152	0.29	GRD	
153	0.35	GRD	
154	0.434	GRD	
155	0.401	GRD	
156	0.43	GRD	
157	0.597	GRD	
158	0.463	GRD	
159	0.564	GRD	
160	0.503	GRD	
161	2.84	GRD	
162	0.584	GRD	
163	0.174	GRD	
164	0.288	QFP	
165	0.283	QFP	
166	0.317	QFP	
167	0.531	GRD	
168	0.336	GRD	
169	0.553	GRD	
170	1.13	GRD	
171	0.628	GRD	
172	0.898	GRD	
173	0.819	GRD	
174	0.411	GRD	
175	0.472	GRD	
176	0.509	GRD	
177	0.503	GRD	
178	0.765	GRD	
179	0.34	GRD	
180	0.471	GRD	
181	0.444	GRD	
182	3.57	GRD	
183	0.613	GRD	
184	0.653	GRD	
185	3.01	GRD	
186	17.8	GRD	
187	21.8	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
188	7.9	GRD	
189	4.83	GRD	
190	0.362	GRD	
191	0.645	GRD	
192	1.93	GRD	
193	0.495	GRD	
194	0.353	GRD	
195	0.432	GRD	
196	0.42	GRD	
197	0.337	GRD	
198	0.294	GRD	
199	0.252	GRD	
200	2.74	GRD	
201	0.329	GRD	
202	2.21	GRD	
203	3.13	GRD	
204	0.46	GRD	
205	0.248	GRD	
206	2.06	GRD	
207	1.15	GRD	
208	7.22	GRD	
209	12.2	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		384660	6888808	1282.24	227.08

ZONE: Pearl

SECTION:

HOLE: KL-14-159

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 27.43m, Out

Drilling Dates: Jun 23 - Jun 27, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
13.71	19.39	-48.7	Reflex
227.07	35.6	-46.9	Reflex

TARGET: Pearl

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.37	4.37	CAS
4.37	16.9	12.53	VOL
16.9	27.1	10.2	VOL
27.1	28.16	1.06	BXA
28.16	29.91	1.75	VOL
29.91	49.78	19.87	POR
49.78	50.39	0.61	QFP
50.39	71.03	20.64	POR
71.03	73.12	2.09	VOL
73.12	89.92	16.8	POR
89.92	198.55	108.63	VOL
198.55	215.11	16.56	POR
215.11	227.08	11.97	VOL

SAMPLES	
Numbers:	Q924641 to Q924777
Total:	138
Batch:	031, 033, 035, 036, 038
Certificates:	WH14101242, WH14101244, WH14101246, WH14101247, WH14104754

COMMENTS

Box Log

KL-14-159

Klaza
Pearl Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.37	19.7
2	19.7	25.67
3	25.67	29.3
4	29.3	33.15
5	33.15	37.85
6	37.85	41.07
7	41.07	44.9
8	44.9	48.5
9	48.5	52.6
10	52.6	56.4
11	56.4	59.97
12	59.97	64.51
13	64.51	68.9
14	68.9	72.93
15	72.93	76.3
16	76.3	80.34
17	80.34	84.47
18	84.47	88.7
19	88.7	92.3
20	92.3	96.01
21	96.01	99.85
22	99.85	104.33
23	104.33	108.15
24	108.15	112.35
25	112.35	116.43
26	116.43	120.4
27	120.4	124.43
28	124.43	128.71
29	128.71	132.59
30	132.59	136.28
31	136.28	140.52
32	140.52	144.78
33	144.78	148.67
34	148.67	153.14
35	153.14	157.25
36	157.25	161.4
37	161.4	165.88
38	165.88	170.16
39	170.16	174.45
40	174.45	178.75
41	178.75	182.86
42	182.86	187.32
43	187.32	191.51
44	191.51	195.81
45	195.81	199.96
46	199.96	204.05
47	204.05	208.4
48	208.4	212.43
49	212.43	216.52
50	216.52	220.98
51	220.98	224.9
52	224.9	227.08

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-159									
	42.05	9.35	NQ2	POR	495.8	310.3	2.5	2.7	fine grained granodiorite with pale colour and speckled appearance. Cut by 20 degree calcite veinlet
	69.64	15.46	NQ2	POR	816.9	508.6	2.49	2.7	silica flooded porphyry with strong phyllic alteration
	72.01	16.2	NQ2	VOL	953	618	2.77	2.8	Fine grained granodiorite with 40 degree banded mineralized quartz, calcite, ankerite vein with surrounding banded alteration halos, proximal phyllic and distal propalytic. Vein has blebby and disseminated pyrite, galena and sphalerite.
	72.23	14.3	NQ2	VOL	789	504.2	2.6	2.8	Dark weak propalytic altered fine grained granodiorite
	123.09	10.6	NQ2	VOL	599.3	397.5	2.66	3.0	Quartz, calcite, ankerite vein framed by moderate phyllic altered granodiorite. Blebby ankerite and calcite with disseminated pyrite and sphalerite
	143.4	16.2	NQ2	VOL	919.2	595.8	2.67	2.8	Banded smoky-milky-clear quartz, calcite, ankerite vein with blebby and disseminated pyrite and galena. Strong phyllic alteration on edge (3cm)
	184.63	5.2	NQ2	VOL	316.8	205.4	2.87	2.8	Banded smoky-clear-milky quartz, calcite vein with blebby and disseminated pyrite. Several vugs.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.37	16.90	12.53	VOL	FG	Very poor recovery. Most of recovered core is rubbly, fractured, and gouged. 0.66m is competent cote. Moderate oxidation in rubble-gouge. Weak silicification in most competent pieces. Competent sections resemble the country rock (volcanics) seen in KL-12-134.							
						MD	BN	FR	SIL	2I		
						DK	GY	RB	OXI	3I	Li	10
									PRO	1I		
									PHC	1I		
16.90	27.10	10.20	VOL	FG	Moderately gouged interval of dominant volcanic lith, with some pieces of feldspar-rich porphry material (more details deeper in log). Limited pyrite mineralization in medium grey gouge. Larger sections of competent core are volcanic lith.							
						LT	GY	PO	OXI	1I		
						LT	GN		CLY	4I		
27.10	28.16	1.06	BXA	FG	Dark matrix breccia with cobble-sized sub-angular clasts of volcanic parent lith and porphyry. Clasts show variable alteration. 70 TCA top contact. 65 TCA lower contact. Blebby-disseminated pyrite in matrix.							
						MD	GY	PB	CLY	1I	Py	5
									PHC	2I		
28.16	29.91	1.75	VOL	FG	Volcanic parent lith with pervasive phyllic and argillic. Paler minerals are softened by clay alteration.							
						MD	GY	PO	PHC	2I		
						LT	GY		ARG	2I		
29.91	49.78	19.87	POR	FG	New porphyry stock lithology. Fine-grained to aphanitic groundmass, typically light grey-green-tan, varying with alteration. Feldspar grains are 1-5mm wide and all are partially-fully clay/sericite altered. There are occasional quartz phenocrysts that have remained unaltered. Fine, 2mm long lath-like crystals of feldspar. Sharp 70 TCA contact with quartz feldspar porphyry dyke.							
						MD	GY	PO	OXI	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	SIL	1I		
						LT	GY		SER	3I		
									PRO	1I		
49.78	50.39	0.61	QFP	VF	Short quartz feldspar porphyry dyke with aphanitic light green groundmass and sericitized phenocrysts. Sharp 70 TCA bottom contact with porphyry stock. Possible later phase of porphyry stock with alteration obstructing textures.							
						LT	GN	AN	SER	2I		
									HYD	2I		
50.39	71.03	20.64	POR	MG	New porphyry stock lithology. Fine-grained to aphanitic groundmass, typically light grey-green-tan, varying with alteration. Feldspar grains are 1-5mm wide and all are partially-fully clay/sericite altered. There are occasional quartz phenocrysts that have remained unaltered. Fine, 2mm long lath-like crystals of feldspar. Rubbly contact with volcanic parent.							
						MD	GY		OXI	1I		
						LT	GN	PO	SIL	1I		
71.03	73.12	2.09	VOL	FG	Rubbly top contact, 35 TCA bottom contact. Short interval with dark green alteration until 72.40m (propylitic alteration from mineralized pyrite-bearing vein @ 45 TCA).							
						LT	GY		PRO	3I		
						DK	GN	PO	SIL	2I		
									ARG	1I		
73.12	89.92	16.80	POR	VF	New porphyry stock lithology. Fine-grained to aphanitic groundmass, typically light grey-green-tan, varying with alteration. Feldspar grains are 1-5mm wide and all are partially-fully clay/sericite altered. There are occasional quartz phenocrysts that have remained unaltered. Fine, 2mm long lath-like crystals of feldspar.							
						LT	GY	RB	SER	2I		
						LT	GN	AN	OXI	1I		
								FR	CLY	1I		
89.92	90.89	0.97	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						MD	GN		PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	PO	ARG	2I	Py	2
90.89	102.00	11.11	VOL	FG	Stongly silicified dark grey volcanic parent lithology.							
						DK	GY	PO	SIL	4I		
102.00	110.18	8.18	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						LT	GY	PO	ARG	2I		
						LT	GN		CLY	2I		
110.18	115.50	5.32	VOL	FG	Strongly silicified dark grey volcanic parent lithology.							
						DK	GY	PO	SIL	4I		
115.50	116.40	0.90	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						LT	GN	PO	ARG	2I		
						LT	GY		PHC	2I		
									SIL	1I		
116.40	121.92	5.52	VOL	FG	Strongly silicified dark grey volcanic parent lithology.							
						DK	GY	PO	SIL	4I		
121.92	124.49	2.57	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						LT	GN	PO	SIL	1I		
						LT	GY		ARG	2I		
									PHC	2I		
124.49	143.29	18.80	VOL	FG	Strongly silicified dark grey volcanic parent lithology.							
						DK	GY	PO	SIL	4I		
143.29	143.65	0.36	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						LT	GN	PO	SIL	1I		
						LT	GY		ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	2I		
143.65	148.25	4.60	VOL	FG	Strongly silicified dark grey volcanic parent lithology.							
						DK	GY	PO	SIL	4I		
148.25	148.78	0.53	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						LT	GN	PO	SIL	1I		
						LT	GY		ARG	2I		
									PHC	2I		
148.78	156.70	7.92	VOL	FG	Strongly silicified dark grey volcanic parent lithology.							
						DK	GY	PO	SIL	4I		
156.70	157.57	0.87	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						LT	GY	PO	SIL	1I		
						LT	GN		ARG	2I		
									PHC	2I		
157.57	164.20	6.63	VOL	FG	Strongly silicified dark grey volcanic parent lithology.							
						DK	GY	PO	SIL	4I		
164.20	164.74	0.54	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						LT	GN	PO	SIL	1I		
						LT	GY		ARG	2I		
									PHC	2I		
164.74	188.03	23.29	VOL	FG	Strongly silicified dark grey volcanic parent lithology.							
						DK	GY	PO	SIL	1I		
188.03	189.12	1.09	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						LT	GN	PO	SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		ARG	2I		
									PHC	2I		
189.12	191.17	2.05	VOL	FG	Strongly silicified dark grey volcanic parent lithology.							
						DK	GY	PO	SIL	4I		
191.17	191.70	0.53	VOL	FG	Argillic altered volcanic parent lithology cut by white-smoky quartz-ankerite-calcite veins with disseminated-blebby pyrite. Interfingered contact against porphyry stock with disseminated pyrite.							
						LT	GN	PO	SIL	1I		
						LT	GY		ARG	2I		
									PHC	2I		
191.70	198.55	6.85	VOL	FG	Strongly silicified dark grey volcanic parent lithology. Mineralized along contact.							
						DK	GY	PO	SIL	4I		
198.55	215.11	16.56	POR	FG	Gouged 60 TCA top contact between porphyry stock and volcanic parent. Contact is veined and gouged, hosting disseminated pyrite and trace disseminated galena. Outsized phenocrysts are green-sericite altered. Gouged, veined bottom contact.							
						MD	GN		SER	2I		
						LT	GN	PO	SIL	2I		
215.11	215.81	0.70	VOL	FG	Gouged vein zone near contact with porphyry stock. Cut by fractured smoky quartz veins with blebby pyrite, disseminated galena. Gouge is medium grey due to grinding of sulphides.							
						MD	GY	FR	SIL	1I		
									ARG	2I		
									CLY	2I		
215.81	224.57	8.76	VOL	FG	Strongly silicified volcanic parent lithology.							
						DK	GY	PO	SIL	4I		
224.57	225.75	1.18	VOL	FG	Argillic altered vein zone with weak gouge development.							
						DK	GY	PO	SIL	3I	Py	3
									ARG	1I		
									PHC	2I		
225.75	227.08	1.33	VOL	FG	Strongly silicified volcanic parent rock.							
						DK	GN	PO	SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.37	16.90	12.53	VOL	FG	Very poor recovery. Most of recovered core is rubbly, fractured, and gouged. 0.66m is competent cote. Moderate oxidation in rubble-gouge. Weak silicification in most competent pieces. Competent sections resemble the country rock (volcanics) seen in KL-12-134.							
						DK	GY	FR	OXI	3I	Li	10
						MD	BN	RB	SIL	2I		
									PRO	1I		
									PHC	1I		
16.90	27.10	10.20	VOL	FG	Moderately gouged interval of dominant volcanic lith, with some pieces of feldspar-rich porphry material (more details deeper in log). Limited pyrite mineralization in medium grey gouge. Larger sections of competent core are volcanic lith.							
						LT	GY	PO	OXI	1I		
						LT	GN		CLY	4I		
27.10	28.16	1.06	BXA	FG	Dark matrix breccia with cobble-sized sub-angular clasts of volcanic parent lith and porphyry. Clasts show variable alteration. 70 TCA top contact. 65 TCA lower contact. Blebby-disseminated pyrite in matrix.							
									PHC	2I		
						MD	GY	PB	CLY	1I	Py	5
28.16	29.91	1.75	VOL	FG	Volcanic parent lith with pervasive phyllic and argillic. Paler minerals are softened by clay alteration.							
						LT	GY	PO	PHC	2I		
						MD	GY		ARG	2I		
29.91	49.78	19.87	POR	MG	New porphyry stock lithology. Fine-grained to aphanitic groundmass, typically light grey-green-tan, varying with alteration. Feldspar grains are 1-5mm wide and all are partially-fully clay/sericite altered. There are occasional quartz phenocrysts that have remained unaltered. Fine, 2mm long lath-like crystals of feldspar. Sharp 70 TCA contact with quartz feldspar porphyry dyke.							
						LT	GN	PA	SIL	1I		
						LT	TN		SER	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PO	OXI	1I		
									PRO	1I		
49.78	50.39	0.61	QFP	VF	Short quartz feldspar porphyry dyke with aphanitic light green groundmass and sericitized phenocrysts. Sharp 70 TCA bottom contact with porphyry stock. Possible later phase of porphyry stock with alteration obstructing textures.							
						LT	GN	AN	SER	2I		
									HYD	2I		
50.39	71.03	20.64	POR	MG	New porphyry stock lithology. Fine-grained to aphanitic groundmass, typically light grey-green-tan, varying with alteration. Feldspar grains are 1-5mm wide and all are partially-fully clay/sericite altered. There are occasional quartz phenocrysts that have remained unaltered. Fine, 2mm long lath-like crystals of feldspar. Rubbly lower contact with volcanic parent.							
						DK	GN	PO	OXI	1I		
						LT	GY		SIL	1I		
71.03	73.12	2.09	VOL	FG	Rubbly top contact, 35 TCA bottom contact. Short interval with dark green alteration until 72.40m (propylitic alteration from mineralized pyrite-bearing vein @ 45 TCA).							
						LT	GY		PRO	3I		
									ARG	1I		
						DK	GN	PO	SIL	2I		
73.12	89.92	16.80	POR	VF	New porphyry stock lithology. Fine-grained to aphanitic groundmass, typically light grey-green-tan, varying with alteration. Feldspar grains are 1-5mm wide and all are partially-fully clay/sericite altered. There are occasional quartz phenocrysts that have remained unaltered. Fine, 2mm long lath-like crystals of feldspar. 35 TCA top contact. Fractured-rubbly with oxidization on fractures.							
						LT	BN	RB	SER	2I		
								FR	CLY	1I		
						LT	GN	AN	OXI	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
89.92	198.55	108.63	VOL	FG	Long interval of volcanic parent lithology. Strong pervasive silicification throughout. Clay altered in vein halos. Cut by banded smoky quartz-ankerite-calcite veins with blebby pyrite and sphalerite. Some veins have disseminated arsenopyrite. Vein halos have be >30cm on either side of a single vein.							
						LT	GY		ARG	2I		
						DK	GY		SIL	4I		
198.55	215.11	16.56	POR	FG	Gouged 60 TCA top contact between porphyry stock and volcanic parent. Contact is veined and gouged, hosting disseminated pyrite and trace disseminated galena. Outsized phenocrysts are green-sericite altered. Gouged, veined bottom contact.							
						LT	GN	PO	SIL	2I		
						MD	GN		SER	2I		
215.11	227.08	11.97	VOL	FG	Strongly silicified volcanic parent, with limited argillic in vein halos. Main veining is adjacent to porphyry contact.							
									ARG	1I		
						DK	GY	PO	SIL	4I		

KL-14-159

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.57	4.57	0.21	5	0.00	0	--	3H	2W	
4.57	7.62	3.05	0.14	5	0.00	0	--	3H	2W	
7.62	10.67	3.05	0.52	17	0.00	0	--	1H	5W	
10.67	13.72	3.05	0.43	14	0.29	10	--	3H	3W	
13.72	16.76	3.04	1.07	35	0.11	4	--	1H	5W	
16.76	19.81	3.05	0.79	26	0.19	6	--	1H	2W	
19.81	22.86	3.05	2.43	80	1.54	50	--	2H	1W	
22.86	25.91	3.05	1.44	47	0.52	17	--	1H	1W	
25.91	28.96	3.05	2.56	84	0.94	31	--	3H	1W	
28.96	32.00	3.04	2.37	78	0.44	14	--	2H	2W	
32.00	35.05	3.05	2.69	88	0.46	15	--	1H	3W	
35.05	38.10	3.05	1.92	63	0.48	16	--	3H	1W	
38.10	41.15	3.05	2.81	92	0.39	13	--	2H	1W	
41.15	44.20	3.05	2.86	94	1.11	36	--	3H	2W	
44.20	47.24	3.04	2.74	90	0.87	29	--	3H	3W	
47.24	50.29	3.05	2.79	91	1.85	61	--	3H	2W	
50.29	53.34	3.05	2.88	94	1.56	51	--	3H	2W	
53.34	56.39	3.05	2.72	89	0.91	30	--	4H	2W	
56.39	59.44	3.05	2.75	90	1.35	44	--	4H	1W	
59.44	62.48	3.04	2.75	90	2.07	68	--	4H	1W	
62.48	65.53	3.05	2.73	90	2.02	66	--	4H	2W	
65.53	68.58	3.05	2.89	95	2.55	84	--	3H	1W	
68.58	71.63	3.05	2.9	95	1.64	54	--	3H	1W	
71.63	74.68	3.05	2.95	97	1.55	51	--	3H	1W	
74.68	77.72	3.04	2.8	92	2.15	71	--	3H	1W	
77.72	80.77	3.05	2.87	94	2.14	70	--	4H	1W	
80.77	83.82	3.05	2.65	87	1.52	50	--	4H	1W	
83.82	86.87	3.05	2.66	87	1.57	51	--	4H	1W	
86.87	89.92	3.05	2.72	89	0.85	28	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.92	92.96	3.04	2.74	90	1.52	50	--	4H	1W	
92.96	96.01	3.05	2.95	97	1.81	59	--	4H	1W	
96.01	99.06	3.05	2.95	97	2.12	70	--	4H	1W	
99.06	102.11	3.05	2.94	96	1.79	59	--	4H	1W	
102.11	105.16	3.05	2.8	92	1.97	65	--	3H	1W	
105.16	108.20	3.04	2.89	95	1.66	55	--	3H	1W	
108.20	111.25	3.05	2.24	73	1.22	40	--	3H	1W	
111.25	114.30	3.05	2.92	96	2.02	66	--	4H	1W	
114.30	117.35	3.05	3.05	100	1.97	65	--	3H	1W	
117.35	120.40	3.05	2.97	97	2.16	71	--	4H	1W	
120.40	123.44	3.04	2.79	92	1.51	50	--	3H	1W	
123.44	126.49	3.05	3.05	100	2.25	74	--	4H	1W	
126.49	129.54	3.05	2.88	94	2.19	72	--	4H	1W	
129.54	132.59	3.05	2.93	96	1.80	59	--	4H	1W	
132.59	135.64	3.05	3.05	100	2.05	67	--	4H	1W	
135.64	138.68	3.04	2.88	95	1.89	62	--	4H	1W	
138.68	141.73	3.05	3.05	100	1.76	58	--	4H	1W	
141.73	144.78	3.05	2.78	91	2.42	79	--	4H	1W	
144.78	147.83	3.05	2.99	98	2.23	73	--	4H	1W	
147.83	150.88	3.05	2.78	91	2.20	72	--	4H	1W	
150.88	153.92	3.04	2.93	96	1.89	62	--	4H	1W	
153.92	156.97	3.05	3.05	100	1.80	59	--	4H	1W	
156.97	160.02	3.05	3.05	100	2.53	83	--	4H	1W	
160.02	163.07	3.05	3.03	99	2.84	93	--	4H	1W	
163.07	166.12	3.05	3.03	99	2.58	85	--	4H	1W	
166.12	169.16	3.04	3.04	100	2.77	91	--	4H	1W	
169.16	172.21	3.05	3.03	99	2.42	79	--	4H	1W	
172.21	175.26	3.05	3.03	99	1.79	59	--	4H	1W	
175.26	178.31	3.05	3.05	100	2.80	92	--	4H	1W	
178.31	181.36	3.05	3.05	100	2.98	98	--	4H	1W	
181.36	184.40	3.04	3.04	100	2.88	95	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
184.40	187.45	3.05	2.99	98	2.60	85	--	4H	1W	
187.45	190.50	3.05	3.05	100	2.47	81	--	4H	1W	
190.50	193.55	3.05	2.96	97	2.15	70	--	4H	1W	
193.55	196.60	3.05	3.05	100	2.59	85	--	3H	1W	
196.60	199.64	3.04	3.01	99	2.59	85	--	3H	1W	
199.64	202.69	3.05	2.9	95	2.20	72	--	4H	1W	
202.69	205.74	3.05	2.95	97	2.40	79	--	4H	1W	
205.74	208.79	3.05	3.05	100	2.80	92	--	4H	1W	
208.79	211.84	3.05	2.9	95	2.70	89	--	3H	1W	
211.84	214.88	3.04	2.95	97	2.00	66	--	3H	1W	
214.88	217.93	3.05	3.05	100	1.70	56	--	3H	1W	
217.93	220.98	3.05	2.9	95	2.50	82	--	3H	1W	
220.98	224.03	3.05	3.05	100	2.70	89	--	3H	1W	
224.03	227.08	3.05	1.8	59	1.20	39	--	3H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
20	0.481	VOL	
21	0.269	VOL	
22	0.506	VOL	
23	0.211	VOL	
24	0.295	VOL	
25	0.15	VOL	
26	0.841	VOL	
27	0.638	VOL	
28	0.42	BXA	
29	0.553	VOL	
30	0.68	POR	
31	0.283	POR	
32	0.281	POR	
33	0.115	POR	
34	0.28	POR	
35	0.24	POR	
36	0.49	POR	
37	0.306	POR	
38	0.309	POR	
39	0.265	POR	
40	0.206	POR	
41	0.206	POR	
42	0.613	POR	
43	0.187	POR	
44	0.297	POR	
45	0.254	POR	
46	0.41	POR	
47	0.241	POR	
48	0.241	POR	
49	0.252	POR	
50	0.309	QFP	
51	0.217	POR	
52	0.317	POR	
53	0.337	POR	
54	0.218	POR	
55	0.206	POR	
56	0.304	POR	
57	0.333	POR	
58	0.398	POR	
59	0.234	POR	
60	0.392	POR	
61	0.228	POR	
62	0.212	POR	
63	0.23	POR	
64	0.317	POR	
65	0.263	POR	
66	0.421	POR	
67	0.509	POR	
68	0.489	POR	
69	0.469	POR	
70	0.336	POR	
71	1	POR	
72	17.6	VOL	
73	3.06	VOL	
74	0.278	POR	
75	0.193	POR	
76	0.245	POR	
77	0.244	POR	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
78	0.266	POR	
79	0.269	POR	
80	0.205	POR	
81	0.288	POR	
82	0.303	POR	
83	0.295	POR	
84	0.32	POR	
85	0.428	POR	
86	0.253	POR	
87	0.234	POR	
88	0.251	POR	
89	0.29	POR	
90	0.244	VOL	
91	18.2	VOL	
92	71.9	VOL	
93	59	VOL	
94	59.6	VOL	
95	34.1	VOL	
96	55	VOL	
97	67.9	VOL	
98	70.6	VOL	
99	52.9	VOL	
100	66.5	VOL	
101	61.8	VOL	
102	44.1	VOL	
103	0.558	VOL	
104	0.482	VOL	
105	0.464	VOL	
106	0.59	VOL	
107	0.434	VOL	
108	0.221	VOL	

Depth (m)	Magnetic Susceptibility	Unit	Comments
109	0.76	VOL	
110	0.919	VOL	
111	66	VOL	
112	26.1	VOL	
113	2.93	VOL	
114	39.7	VOL	
115	52.6	VOL	
116	0.68	VOL	
117	48.1	VOL	
118	61.6	VOL	
119	20.3	VOL	
120	40.5	VOL	
121	0.379	VOL	
122	0.481	VOL	
123	0.15	VOL	
124	0.439	VOL	
125	55.8	VOL	
126	62.7	VOL	
127	49.8	VOL	
128	49	VOL	
129	24.2	VOL	
130	59	VOL	
131	59.4	VOL	
132	38.7	VOL	
133	56.1	VOL	
134	58.8	VOL	
135	54.3	VOL	
136	59.1	VOL	
137	52.8	VOL	
138	59	VOL	
139	59.4	VOL	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
140	15.7	VOL	
141	64.6	VOL	
142	59.8	VOL	
143	55.5	VOL	
144	58.7	VOL	
145	53.6	VOL	
146	45.2	VOL	
147	39.3	VOL	
148	39	VOL	
149	54.4	VOL	
150	42.5	VOL	
151	45.1	VOL	
152	45.3	VOL	
153	53.4	VOL	
154	59.3	VOL	
155	56.1	VOL	
156	52.4	VOL	
157	0.772	VOL	
158	4.7	VOL	
159	44.2	VOL	
160	55.8	VOL	
161	49.4	VOL	
162	41.2	VOL	
163	48.6	VOL	
164	49.5	VOL	
165	37.1	VOL	
166	51.1	VOL	
167	52.9	VOL	
168	57.9	VOL	
169	49	VOL	
170	54.1	VOL	
171	19.5	VOL	
172	24.2	VOL	
173	43.3	VOL	
174	36.1	VOL	
175	54.2	VOL	
176	50.9	VOL	
177	45.6	VOL	
178	47.2	VOL	
179	50.2	VOL	
180	47.4	VOL	
181	57.3	VOL	
182	49.2	VOL	
183	50.1	VOL	
184	49.7	VOL	
185	22.1	VOL	
186	44.3	VOL	
187	44	VOL	
188	0.539	VOL	
189	1.9	VOL	
190	47.2	VOL	
191	45.7	VOL	
192	48.5	VOL	
193	49.8	VOL	
194	48.8	VOL	
195	43.1	VOL	
196	53.6	VOL	
197	51	VOL	
198	8.9	VOL	
199	0.71	POR	
201	0.187	POR	
202	0.19	POR	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
203	0.427	POR	
204	0.194	POR	
205	0.239	POR	
206	0.257	POR	
207	0.184	POR	
208	0.325	POR	
209	0.259	POR	
210	0.339	POR	
211	0.458	POR	
212	0.212	POR	
213	0.248	POR	
214	0.231	POR	
215	0.223	POR	
216	41.2	VOL	
217	43.2	VOL	
218	33.8	VOL	
219	39.2	VOL	
220	15.5	VOL	
221	40.7	VOL	
222	30.4	VOL	
223	33.4	VOL	
224	47.4	VOL	
225	5.39	VOL	
226	37.8	VOL	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382042	6889994	1344	96.62

ZONE: Central BRX

SECTION:

HOLE: KL-14-160

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jun 26 - Jun 27, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
5.18	33.5	-52.1	Reflex
96.62	31.2	-52.8	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.67	1.67	CAS
1.67	13.15	11.48	GRD
13.15	25.08	11.93	GRD
25.08	40.43	15.35	GRD
40.43	59.13	18.7	GRD
59.13	65.23	6.1	GRD
65.23	74.14	8.91	QFP
74.14	76.14	2	VEN
76.14	96.62	20.48	GRD

SAMPLES	
Numbers:	Q016825, Q924778 to Q924805
Total:	32
Batch:	038, 040, 052
Certificates:	WH14104753, WH14104754, WH14104755

COMMENTS

Box Log

KL-14-160

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.67	5.52
2	5.52	9.22
3	9.22	12.97
4	12.97	16.98
5	16.98	20.92
6	20.92	24.6
7	24.6	28.37
8	28.37	32.38
9	32.38	36.15
10	36.15	39.85
11	39.85	42.6
12	42.6	46
13	46	50
14	50	53.83
15	53.83	57
16	57	60.2
17	60.2	67.61
18	67.61	71.77
19	71.77	75.58
20	75.58	79.7
21	79.7	83.37
22	83.37	87.51
23	87.51	91.3
24	91.3	95.05
25	95.05	96.62

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-160									
	7.66	15.2	HQ	GRD	1247.3	767.4	2.81	2.6	Moderate phyllic altered granodiorite with trace pottassic, weak propalytic and moderate oxidation
	27.04	13.4	HQ	GRD	1272.7	867.8	3.25	3.1	Banded quartz, ankerite, pyrite, calcite vein with blebby, disseminated pyrite and vuggy calcite
	45.67	14.5	HQ	GRD	1099.6	662.1	2.59	2.5	Strong phyllic altered granodiorite with moderate pottassic and weak propalytic overprint. Hematite staining
	71.6	16	HQ	QFP	1405.9	881.2	3.01	2.7	tan quartz feldspar dyke with irregular netted ankerite, calcite veinlets with blebby galena.
	74.32	17.8	HQ	VEN	2047.3	1488.2	3.94	3.7	Semi-massive pyrite with interstitial milky quartz and crackled smoky quartz.
	75.19	10.4	HQ	VEN	821.5	526.5	2.7	2.8	Intensely silicified breccia with brick red quartz vein, blebby pyrite and ankerite.
	80.26	5.65	HQ	GRD	650.9	471	3.94	3.6	Mineralized quartz, ankerite, calcite vein with semi-massive pyrite and blebby honey-brown to blackjack sphalerite.
	90.63	12.5	HQ	GRD	932.3	549.6	2.55	2.4	Strongly phyllic altered granodiorite with weak pottassic and moderate propalytic alteration.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.67	4.64	2.97	GRD	MG	very crumbled, earthy, oxide stained granodiorite with poor recovery.							
						MD	GY	PO	OXI	3I		
						MD	BN		SIL	3I		
4.64	13.15	8.51	GRD	MG	Oxidized granodiorite with patchy propylitic, potassic, silicification.							
						MD	GY	PO	OXI	3I		
						MD	BN		SIL	2I		
									PRO	2I		
									POT	2I		
13.15	25.08	11.93	GRD	MG	Granodiorite with dominant phyllic to argillic vein halo alteration. Oxidation on fractures and veins. Patchy silicification, propylitic, and potassic. Cut by banded grey-white-smoky quartz veins with calcite and ankerite, hosting pyrite.							
						MD	GY	PO	OXI	2I		
						LT	BN	PA	SIL	3I		
									POT	2I		
									PRO	2I		
									ARG	2I		
									PHC	3I		
25.08	40.43	15.35	GRD	MG	Dominant propylitic, potassic, and silicification. Pathcy phyllic to argillic in sporadic vein halos. Oxidation on fractures.							
						MD	GY	PO	OXI	2I		
						LT	BN	PA	SIL	2I		
						LT	PK		PRO	2I		
									POT	2I		
									PHC	2I		
									ARG	2I		
40.43	48.90	8.47	GRD	MG	Rubbly, crumbled fault zone with gouge. Propylitic is pervasive with patchy argillic and potassic. Trace oxidation on fractures.							
						LT	GY	RB	ARG	4I		
						LT	GN	FR	POT	1I		
								PO	PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	2I		
48.90	55.03	6.13	GRD	MG	Competent core with patchy phyllic, argillic, propylitic, and potassic.							
						MD	GY	PO	ARG	4I		
						LT	GY		POT	1I		
									PRO	2I		
									PHC	2I		
55.03	59.13	4.10	GRD	MG	Rubbly, crumbled fault zone with gouge. Propylitic is pervasive with patchy argillic and potassic. Trace oxidation on fractures.							
						LT	GY	RB	OXI	1I		
						LT	GN	PO	PRO	1I		
								FR	CLY	2I		
									ARG	1I		
									POT	2I		
59.13	65.23	6.10	GRD	MG	Pervasive phyllic and silicification with patchy argillic and potassic. Adjacent to quartz feldspar porphyry contact. Mineralized breccia from 65.00-65.23m							
						MD	GN	PO	SIL	3I		
						LT	GN		PHC	3I		
									ARG	2I		
									POT	1I		
65.23	74.14	8.91	QFP	FG	Light tan-medium grey fine grained quartz feldspar porphyry dyke with sharp contacts. Bottom contact is gouged at 50 TCA. Cut by netted ankerite veinlets. Some ankerite veinlets have speckled galena.							
						MD	GY		HYD	4I		
						LT	TN	NE	SIL	3I		
74.14	76.14	2.00	VEN	MG	Main BRX vein brecciating the granodiorite contact with quartz feldspar porphyry dyke. Mostly smoky-white quartz. Massive pyrite is dominant sulphide. Limited chalcopyrite and sphalerite interstial to blebby within pyrite.							
						MD	GY	PO	CLY	2I	Py	20
						MD	BR				Cp	3
											Sp	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
76.14	96.62	20.48	GRD	MG	Moderate-weak propylitic altered granodiorite with patchy silicification, potassic, argillic, and phyllic. Cut by ankerite-quartz veins with pyrite and phyllic to argillic halos. EOH							
						MD	GY	PO	SIL	2I		
						LT	GN	PA	PHC	2I		
						LT	PK		POT	1I		
									PRO	3I		
									ARG	2I		

KL-14-160

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.67	13.15	11.48	GRD	MG	Oxidized granodiorite with patchy propylitic, potassic, and silicification.							
									PRO	2I		
						MD	BN	PA	SIL	3I		
									POT	2I		
						MD	GY	PO	OXI	3I		
13.15	25.08	11.93	GRD	MG	Granodiorite with dominant phyllic to argillic vein halo alteration. Oxidation on fractures and veins. Patchy silicification, propylitic, and potassic. Cut by banded grey-white-smoky quartz veins with calcite and ankerite, hosting pyrite.							
						MD	GY	PO	OXI	2I		
									POT	2I		
									PRO	2I		
									PHC	3I		
									ARG	2I		
						LT	BN	PA	SIL	3I		
25.08	40.43	15.35	GRD	MG	Dominant propylitic, potassic, and silicification. Pathcy phyllic to argillic in sporadic vein halos. Oxidation on fractures.							
						LT	PK		PRO	2I		
						LT	BN	PA	SIL	2I		
						MD	GY	PO	OXI	2I		
									POT	2I		
									PHC	2I		
									ARG	2I		
40.43	59.13	18.70	GRD	MG	Rubbly, crumbled fault zone with gouge. Propylitic is pervasive with patchy argillic and potassic. Trace oxidation on fractures.							
						MD	GY	FR	OXI	1I		
									ARG	1I		
								PO	CLY	2I		
						LT	GY	RB	PRO	1I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
59.13	65.23	6.10	GRD	MG	Pervasive phyllic and silicification, patchy argillic and potassic. Adjacent to quartz feldspar porphyry dyke contact. Contact is 70 TCA and sharp. Mineralized breccia from 65.00-65.23m.							
									POT	1I		
									ARG	2I		
						LT	GN		PHC	3I		
						MD	GN	PO	SIL	3I		
65.23	74.14	8.91	QFP	FG	Light tan-medium grey fine grained quartz feldspar porphyry dyke with sharp contacts. Bottom contact is gouged at 50 TCA. Cut by netted ankerite veinlets. Some ankerite veinlets have speckled galena.							
						MD	GY		HYD	4I		
						LT	TN	NE	SIL	3I		
74.14	76.14	2.00	VEN	MG	Main BRX vein brecciating the granodiorite contact with quartz feldspar porphyry dyke. Mostly smoky-white quartz. Massive pyrite is dominant sulphide. Limited chalcopyrite and sphalerite interstial to blebby within pyrite.							
						MD	BR				Cp	3
											Sp	2
						MD	GY	PO	CLY	2I	Py	20
76.14	96.62	20.48	GRD	MG	Moderate-weak propylitic altered granodiorite with patchy silicification, potassic, argillic, and phyllic. Cut by ankerite-quartz veins with pyrite and phyllic to argillic halos. EOH							
						MD	GY	PO	SIL	2I		
						LT	GN	PA	PHC	2I		
						LT	PK		POT	1I		
									ARG	2I		
									PRO	3I		

KL-14-160

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.67	1.67	0	0	0.00	0	--	--	--	
1.67	2.13	0.46	0.4	87	0.10	22	--	3H	5W	
2.13	5.18	3.05	2.25	74	0.30	10	--	3H	5W	
5.18	8.23	3.05	3.05	100	2.70	89	--	4H	3W	
8.23	11.28	3.05	3.05	100	1.50	49	--	4H	2W	
11.28	14.33	3.05	3.05	100	1.70	56	--	4H	2W	
14.33	17.37	3.04	2.99	98	2.00	66	--	4H	2W	
17.37	20.42	3.05	3.05	100	1.50	49	--	4H	2W	
20.42	23.47	3.05	3.05	100	1.90	62	--	4H	2W	
23.47	26.52	3.05	3.05	100	1.30	43	--	4H	2W	
26.52	29.57	3.05	3.05	100	1.20	39	--	4H	2W	
29.57	32.61	3.04	3.04	100	1.90	63	--	3H	2W	
32.61	35.66	3.05	3.05	100	1.40	46	--	3H	1W	
35.66	38.71	3.05	3.05	100	1.00	33	--	4H	1W	
38.71	41.76	3.05	3.05	100	0.80	26	--	3H	1W	
41.76	44.81	3.05	3.05	100	1.00	33	--	3H	1W	
44.81	47.85	3.04	2.5	82	0.80	26	--	1H	1W	
47.85	50.90	3.05	2.9	95	0.70	23	--	3H	1W	
50.90	53.95	3.05	3.05	100	1.10	36	--	4H	1W	
53.95	57.00	3.05	2.9	95	0.70	23	--	2H	1W	
57.00	60.05	3.05	3	98	0.80	26	--	3H	1W	
60.05	63.09	3.04	3	99	1.30	43	--	3H	1W	
63.09	66.14	3.05	3	98	2.10	69	--	4H	1W	
66.14	69.19	3.05	3.05	100	2.00	66	--	4H	1W	
69.19	72.24	3.05	3.05	100	1.90	62	--	4H	1W	
72.24	75.29	3.05	3	98	1.60	52	--	3H	1W	
75.29	78.33	3.04	3.04	100	1.40	46	--	4H	1W	
78.33	81.38	3.05	3	98	1.60	52	--	4H	1W	
81.38	84.43	3.05	3.05	100	2.00	66	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
84.43	87.48	3.05	3	98	1.60	52	--	4H	1W	
87.48	90.53	3.05	3	98	1.70	56	--	4H	1W	
90.53	93.57	3.04	3	99	1.50	49	--	4H	1W	
93.57	96.62	3.05	2.9	95	1.30	43	--	4H	1W	EOH

Magnetic Suscepatibility

KL-14-160

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
1	14.1	CAS	
2	17.1	GRD	
4	12.9	GRD	
5	18.5	GRD	
6	4.3	GRD	
7	16.3	GRD	
8	19	GRD	
9	0.554	GRD	
10	0.663	GRD	
11	2.26	GRD	
12	5.02	GRD	
13	0.381	GRD	
14	0.469	GRD	
15	0.427	GRD	
16	0.403	GRD	
17	0.315	GRD	
18	0.474	GRD	
19	0.505	GRD	
20	0.56	GRD	
21	0.556	GRD	
22	0.322	GRD	
23	0.528	GRD	
24	0.369	GRD	
25	6.87	GRD	
26	0.349	GRD	
27	0.407	GRD	
28	0.515	GRD	
29	11.7	GRD	
30	19.3	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	10.8	GRD	
32	19.5	GRD	
33	0.819	GRD	
34	0.569	GRD	
35	0.604	GRD	
36	13.4	GRD	
37	22.7	GRD	
38	18.5	GRD	
39	21.7	GRD	
40	21.1	GRD	
41	0.334	GRD	
42	0.313	GRD	
43	0.322	GRD	
44	0.469	GRD	
45	0.802	GRD	
48	2.43	GRD	
49	0.651	GRD	
50	0.312	GRD	
51	0.28	GRD	
52	0.389	GRD	
53	0.423	GRD	
54	0.648	GRD	
55	6.36	GRD	
56	3.04	GRD	
57	1.48	GRD	
58	0.278	GRD	
59	0.398	GRD	
60	0.554	GRD	
61	0.433	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	0.366	GRD	
63	0.469	GRD	
64	0.403	GRD	
65	0.317	GRD	
66	2.78	QFP	
67	0.384	QFP	
68	0.344	QFP	
69	0.252	QFP	
70	0.339	QFP	
71	0.258	QFP	
72	0.302	QFP	
73	0.238	QFP	
74	0.222	QFP	
75	0.386	VEN	
76	0.379	VEN	
77	0.388	GRD	
78	0.433	GRD	
79	0.516	GRD	
80	0.472	GRD	
81	5.4	GRD	
82	0.525	GRD	
83	4.64	GRD	
84	0.81	GRD	
85	14.5	GRD	
86	0.621	GRD	
87	0.743	GRD	
88	0.511	GRD	
89	0.451	GRD	
90	0.38	GRD	
91	0.275	GRD	
92	0.735	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
93	0.458	GRD	
94	0.397	GRD	
95	0.395	GRD	
96	0.482	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382030	6890044	1338.96	188.06

ZONE: Central BRX

SECTION:

HOLE: KL-14-161

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jun 27 - Jun 29, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	358.9	-77.9	Reflex
163.67	39.5	-50.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.81	1.81	CAS
1.81	53.33	51.52	GRD
53.33	54.25	0.92	GRD
54.25	57.15	2.9	QFP
57.15	58.67	1.52	QFP
58.67	65.69	7.02	QFP
65.69	69.25	3.56	GRD
69.25	78.25	9	GRD
78.25	150.69	72.44	GRD
150.69	188.06	37.37	GRD

SAMPLES	
Numbers:	Q924403 to Q924499
Total:	98
Batch:	042, 044, 046, 047
Certificates:	WH14104127, WH14104129, WH14104751, WH14104752

COMMENTS

Box Log

KL-14-161

Klaza
entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.8	5.46
2	5.46	9.5
3	9.5	13.72
4	13.72	17.37
5	17.37	21.28
6	21.28	25.27
7	25.27	29.06
8	29.06	32.44
9	32.44	36.25
10	36.25	40.16
11	40.16	44.12
12	44.12	48.08
13	48.08	52.16
14	52.16	56
15	56	59.9
16	59.9	63.3
17	63.3	67.29
18	67.29	71.09
19	71.09	74.9
20	74.9	78.43
21	78.43	82.41
22	82.41	86.12
23	86.12	90.29
24	90.29	94.28
25	94.28	98.31
26	98.31	102.28
27	102.28	106.3
28	106.3	110.48
29	110.48	114.63
30	114.63	118.68

Box Number	From (m)	To (m)
31	118.68	122.8
32	122.8	126.77
33	126.77	130.44
34	130.44	134.65
35	134.65	138.37
36	138.37	142.22
37	142.22	146
38	146	149.8
39	149.8	153.45
40	153.45	157.35
41	157.35	161.2
42	161.2	165.02
43	165.02	168.27
44	168.27	172.15
45	172.15	175.87
46	175.87	180
47	180	183.85
48	183.85	188.06

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-161									
	37.05	14.5	HQ	GRD	1424.2	957.7	3.36	3.1	Moderate phyllic, moderate silicified granodiorite with mineralized quartz-vuggy ankerite-calcite veins. Blebby sphalerite, pyrite and disseminated arsenopyrite, galena, pyrite, sphalerite. Sphalerite blebs focused in ankerite veins. 3cm bladed calcite-ankerite-quartz silicification breccia.
	71.09	9.4	HQ	GRD	762.5	466.7	2.78	2.6	Weak phyllic, weak propalytic altered granodiorite with moderate silicification and strong hematite staining. Strong crackle textures.
	72.57	13.3	HQ	GRD	1084.2	678.7	2.79	2.7	Moderate argillic, moderate propalytic, weakly silicified granodiorite.
	93.11	11.5	HQ	GRD	982.8	619.7	2.92	2.7	Moderate hematite/chlorite altered granodiorite. Crackle textures.
	125	10.4	HQ	GRD	854.8	527.4	2.81	2.6	Partially gouge altered, phyllic and propalytic altered granodiorite.

KL-14-161

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.81	25.86	24.05	GRD	MG	Unaltered granodiorite with moderate oxidation on fracture surfaces. Sporatic small patches of argillic alteration throughout. Small phyllic envelopes around carbonate+/- quartz veins and veinlets, ~1 per meter.							
						MD	OR					
						MD	GY		OXI	3I		
25.86	32.44	6.58	GRD	MG	Moderate argillic altered granodiorite with a weak propyllitic/potassic overprinted. Moderate oxidation along fracture surfaces.							
						MD	PK		ARG	3I		
						LT	WH		OXI	3I		
									PRO	2I		
									POT	2I		
32.44	36.01	3.57	GRD	MG	Unaltered granodiorite with moderate oxidation on fracture surfaces. Sporatic small patches of argillic alteration throughout. Small phyllic envelopes around carbonate+/- quartz veins and veinlets, ~1 per meter.							
						MD	OR					
						MD	GY		OXI	3I		
36.01	37.52	1.51	GRD	MG	Moderately silicified phyllic envelope surrounding quartz/carbonate/sulphide vein. Phyllic alterations to propyllitic and potassic overprinted argillic alteration distally from vein.							
						LT	GN	EN	PHC	3I		
						LT	WH		ARG	3I		
									POT	2I		
									PRO	2I		
37.52	53.33	15.81	GRD	MG	Unaltered granodiorite with moderate oxidation on fracture surfaces. Sporatic small patches of argillic alteration throughout. Small phyllic envelopes around carbonate+/- quartz veins and veinlets, ~1 per meter.							
						MD	GY		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR					
53.33	54.25	0.92	GRD	MG	Patchy phyllic and potassic overprinted argillic altered granodiorite. Hosts trace disseminated pyrite near dyke contact.							
						MD	PK		POT	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
54.25	57.15	2.90	QFP	FG	Medium grey quartz feldspar porphyry dyke. Partially gouge altered.							
						MD	GY					
57.15	58.67	1.52	QFP	FG	Medium orange/grey quartz feldspar porphyry dyke. Partially gouge altered.							
						MD	OR					
						MD	GY					
58.67	65.69	7.02	QFP	FG	Grey/purple/green quartz feldspar porphyry dyke. Hosts white carbonate stringers. Dyke-granodiorite contact oriented at 60 degrees TCA.							
						MD	GY					
						MD	GN					
						MD	PU					
65.69	69.25	3.56	GRD	MG	Silicified alternating patches of moderate phyllic and argillic altered granodiorite. Has patchy gouge alteration.							
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
									SIL	3I		
69.25	78.25	9.00	GRD	MG	Moderately silicified argillic altered granodiorite with a weak to moderate phyllic and propyllitic overprint. Has sporatic patches of strong hematite/chlorite alteration.							
						LT	GN		PHC	2I		
						LT	WH		OXI	3I		
						DK	GN		ARG	3I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
78.25	79.98	1.73	GRD	MG	Crackle textured moderately silicified, hematite and chlorite altered granodiorite. Hematite staining along fractures. Carbonates veinlets are ~ 1 per 3 meters.							
						DK	RD		SIL	3I		
						DK	GN		HEM	3I		
									CHL	3I		
79.98	86.68	6.70	GRD	MG	Silicified alternating patches of moderate phyllic an moderately propyllitic altered granodiorite.							
						LT	GN	PA	SIL	3I		
						DK	GN		PRO	3I		
									PHC	3I		
86.68	98.58	11.90	GRD	MG	Crackle textured moderately silicified, hematite and chlorite altered granodiorite. Hematite staining along fractures. Carbonates veinlets are ~ 1 per 3 meters.							
						DK	RD		SIL	3I		
						DK	GN		HEM	3I		
									CHL	3I		
98.58	100.32	1.74	GRD	MG	Silicified alternating patches of moderate phyllic an moderately propyllitic altered granodiorite.							
						LT	GN		SIL	3I		
						DK	GN		PRO	3I		
									PHC	3I		
100.32	104.67	4.35	GRD	MG	Crackle textured moderately silicified, hematite and chlorite altered granodiorite. Hematite staining along fractures. Carbonates veinlets are ~ 1 per 3 meters.							
						DK	RD		SIL	3I		
						DK	GN		HEM	3I		
									CHL	3I		
104.67	108.12	3.45	GRD	MG	Silicified alternating patches of moderate phyllic an moderately propyllitic altered granodiorite exhibiting crackle texture.							
								CR	SIL	3I		
									PRO	3I		
									PHC	3I		
108.12	113.02	4.90	GRD	MG	Moderately silicified, weak to moderately hematized granodiorite with patchy weak chlorite alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	RD	PA	HEM	3I		
						MD	GY	CR	SIL	3I		
									HEM	2I		
									CHL	2I		
113.02	115.95	2.93	GRD	MG	Silicified alternating patches of moderate phyllic an moderately propyllitic altered granodiorite exhibiting crackle texture.							
						LT	GN	CR	SIL	3I		
						DK	GN		PRO	3I		
									PHC	3I		
115.95	123.10	7.15	GRD	MG	Crackle textured moderately silicified, hematite and chlorite altered granodiorite. Hematite staining along fractures. Carbonates veinlets are ~ 1 per 3 meters.							
						DK	RD		SIL	3I		
						DK	GN		HEM	3I		
									CHL	3I		
123.10	127.85	4.75	GRD	MG	Silicified alternating patches of moderate phyllic an moderately propyllitic altered granodiorite.							
						LT	GN		SIL	3I		
						DK	GN		PRO	3I		
									PHC	3I		
127.85	150.69	22.84	GRD	MG	Crackle textured moderately silicified, hematite and chlorite altered granodiorite. Hematite staining along fractures. Carbonates veinlets are ~ 1 per 3 meters.							
						DK	RD		SIL	3I		
						DK	GN		HEM	3I		
									CHL	3I		
150.69	188.06	37.37	GRD	MG	Weak propyllitic/potassic and moderately hematized and silicified granodiorite with moderate hematite staining in and around fracture surfaces.							
						MD	PK		HEM	3I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
						DK	RD		POT	2I		

KL-14-161

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.81	53.33	51.52	GRD	MG	Unaltered granodiorite with moderate oxidation on fracture surfaces. Sporatic small patches of argillic alteration throughout. Small phyllic envelopes around carbonate+/- quartz veins and veinlets, ~1 per meter.							
						MD	GY		OXI	3I		
						MD	OR					
53.33	54.25	0.92	GRD	MG	Patchy phyllic and potassic overprinted argillic altered granodiorite. Hosts trace disseminated pyrite near dyke contact.							
						MD	PK		POT	3I		
						LT	GN	PA	PHC	3I	Py	1
						LT	WH		ARG	3I		
54.25	57.15	2.90	QFP	FG	Medium grey quartz feldspar porphyry dyke. Partially gouge altered.							
						MD	GY					
						MD	OR	PO				
57.15	58.67	1.52	QFP	FG	Medium orange/grey quartz feldspar porphyry dyke. Partially gouge altered.							
						MD	GY					
						MD	OR					
58.67	65.69	7.02	QFP	FG	Grey/purple/green quartz feldspar porphyry dyke. Hosts white carbonate stringers. Dyke-granodiorite contact oriented at 60 degrees TCA.							
						MD	PU					
						MD	GN					
						MD	GY	PO				
65.69	69.25	3.56	GRD	MG	Silicified alternating patches of moderate phyllic and argillic altered granodiorite. Has patchy gouge alteration.							
						LT	WH		ARG	3I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		
69.25	78.25	9.00	GRD	MG	Moderately silicified argillic altered granodiorite with a weak to moderate phyllic and propyllitic overprint. Has sporatic patches of strong hematite/chlorite alteration.							
									PRO	2I		
						LT	WH		OXI	3I		
						DK	GN		ARG	3I		
						LT	GN		PHC	2I		
78.25	150.69	72.44	GRD	MG	Crackle textured moderately silicified, hematite and chlorite altered granodiorite. Hematite staining along fractures. Carbonates veinlets are ~ 1 per 3 meters.							
									CHL	3I		
						DK	GN	CR	SIL	3I		
						DK	RD		HEM	3I		
150.69	188.06	37.37	GRD	MG	Weak propyllitic/potassic and moderately hematized and silicified granodiorite with moderate hematite staining in and around fracture surfaces.							
						DK	GN		PRO	2I		
						DK	RD		POT	2I		
						MD	PK		HEM	3I		
						MD	GY		SIL	3I		

KL-14-161

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.13	2.13	0.32	15	0.11	5	--	1H	1W	
2.13	5.18	3.05	2.81	92	1.02	33	--	3H	4W	
5.18	8.22	3.04	2.66	88	2.44	80	--	4H	2W	
8.22	11.27	3.05	2.79	91	2.08	68	--	4H	2W	
11.27	14.32	3.05	2.82	92	1.99	65	--	4H	2W	
14.32	17.37	3.05	2.8	92	0.92	30	--	4H	2W	
17.37	20.42	3.05	2.8	92	2.23	73	--	4H	2W	
20.42	23.46	3.04	2.76	91	0.98	32	--	4H	1W	
23.46	26.51	3.05	2.88	94	1.55	51	--	4H	1W	
26.51	29.57	3.06	2.94	96	1.35	44	--	3H	2W	
29.57	32.61	3.04	2.86	94	0.30	10	--	1H	2W	
32.61	35.66	3.05	2.97	97	2.10	69	--	4H	1W	
35.66	38.70	3.04	3	99	2.15	71	--	3H	1W	
38.70	41.75	3.05	2.94	96	2.32	76	--	4H	1W	
41.75	44.80	3.05	3.05	100	2.00	66	--	4H	1W	
44.80	47.85	3.05	2.91	95	1.76	58	--	4H	1W	
47.85	50.90	3.05	2.87	94	2.13	70	--	4H	1W	
50.90	53.94	3.04	3	99	2.22	73	--	4H	1W	
53.94	56.99	3.05	2.9	95	1.19	39	--	3H	1W	
56.99	60.04	3.05	2.92	96	1.34	44	--	3H	1W	
60.04	63.09	3.05	2.9	95	0.73	24	--	3H	1W	
63.09	66.14	3.05	2.92	96	1.06	35	--	3H	1W	
66.14	69.18	3.04	2.82	93	0.91	30	--	3H	1W	
69.18	72.23	3.05	2.77	91	1.09	36	--	3H	1W	
72.23	75.28	3.05	2.92	96	1.64	54	--	3H	1W	
75.28	78.33	3.05	2.77	91	1.01	33	--	3H	1W	
78.33	81.38	3.05	1.49	49	1.26	41	--	3H	1W	
81.38	84.43	3.05	3.05	100	1.63	53	--	3H	1W	
84.43	87.48	3.05	3	98	1.69	55	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.04	100	2.30	75	--	3H	1W	
90.53	93.57	3.04	3.04	100	2.33	77	--	3H	1W	
93.57	96.62	3.05	3	98	2.23	73	--	3H	1W	
96.62	99.67	3.05	2.95	97	1.60	52	--	3H	1W	
99.67	102.72	3.05	2.88	94	2.16	71	--	3H	1W	
102.72	105.76	3.04	1.92	63	1.50	49	--	3H	1W	
105.76	108.81	3.05	3	98	1.83	60	--	3H	1W	
108.81	111.86	3.05	3.05	100	1.91	63	--	3H	1W	
111.86	114.91	3.05	2.81	92	2.31	76	--	3H	1W	
114.91	117.96	3.05	2.84	93	2.01	66	--	3H	1W	
117.96	121.01	3.05	2.86	94	2.16	71	--	3H	1W	
121.01	124.05	3.04	2.78	91	1.13	37	--	3H	1W	
124.05	127.10	3.05	2.87	94	1.25	41	--	2H	1W	
127.10	130.15	3.05	2.84	93	1.39	46	--	4H	1W	
130.15	133.20	3.05	2.85	93	1.22	40	--	4H	1W	
133.20	136.25	3.05	2.96	97	2.30	75	--	4H	1W	
136.25	139.29	3.04	3	99	1.46	48	--	3H	1W	
139.29	142.34	3.05	2.8	92	1.32	43	--	3H	1W	
142.34	145.39	3.05	3.03	99	1.10	36	--	4H	1W	
145.39	148.44	3.05	1.8	59	1.41	46	--	3H	1W	
148.44	151.49	3.05	1.92	63	1.50	49	--	3H	1W	
151.49	154.53	3.04	3.03	100	1.10	36	--	4H	1W	
154.53	157.58	3.05	2.94	96	1.32	43	--	4H	1W	
157.58	160.62	3.04	2.95	97	1.93	63	--	4H	1W	
160.62	163.67	3.05	3	98	1.98	65	--	4H	1W	
163.67	166.72	3.05	2.93	96	0.45	15	--	1H	1W	Large rubble zone
166.72	169.77	3.05	3.05	100	0.72	24	--	4H	1W	
169.77	172.82	3.05	2.96	97	2.00	66	--	4H	1W	
172.82	175.87	3.05	3.05	100	1.71	56	--	4H	1W	
175.87	178.92	3.05	2.96	97	2.19	72	--	4H	1W	
178.92	181.97	3.05	2.99	98	2.15	70	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.99	98	1.26	41	--	4H	1W	
185.01	188.06	3.05	1.85	61	0.30	10	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	16	GRD	
3	16.3	GRD	
4	15.5	GRD	
5	17.4	GRD	
6	16.8	GRD	
7	11.6	GRD	
8	17.1	GRD	
9	18.2	GRD	
10	16.9	GRD	
11	7.27	GRD	
12	7.27	GRD	
13	19.2	GRD	
14	14.9	GRD	
15	0.947	GRD	
16	0.494	GRD	
17	12	GRD	
18	17.4	GRD	
19	16.3	GRD	
20	16.9	GRD	
21	3.89	GRD	
22	0.553	GRD	
23	0.467	GRD	
24	17.7	GRD	
25	13	GRD	
26	1.99	GRD	
27	1.18	GRD	
28	1.05	GRD	
29	11.13	GRD	
31	8.78	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	12.4	GRD	
33	0.641	GRD	
34	1.59	GRD	
35	19	GRD	
36	0.682	GRD	
37	0.397	GRD	
38	3.24	GRD	
39	16.7	GRD	
40	15.8	GRD	
41	15.3	GRD	
42	17.7	GRD	
43	17.7	GRD	
44	18.1	GRD	
45	19.6	GRD	
46	19.1	GRD	
47	0.936	GRD	
48	17.9	GRD	
49	8.76	GRD	
50	7.81	GRD	
51	6.93	GRD	
52	0.458	GRD	
53	9.12	GRD	
54	0.336	GRD	
55	0.34	QFP	
56	0.367	QFP	
57	0.257	QFP	
58	0.255	QFP	
59	0.235	QFP	
60	0.289	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	0.282	QFP	
62	0.362	QFP	
63	0.369	QFP	
64	0.265	QFP	
65	0.247	QFP	
66	3.29	GRD	
67	0.453	GRD	
68	0.562	GRD	
69	0.291	GRD	
70	0.356	GRD	
71	0.557	GRD	
72	0.379	GRD	
73	0.313	GRD	
74	0.326	GRD	
75	0.644	GRD	
76	0.307	GRD	
77	0.568	GRD	
78	0.245	GRD	
79	0.31	GRD	
80	0.634	GRD	
81	0.34	GRD	
82	0.249	GRD	
83	0.349	GRD	
84	0.169	GRD	
85	0.22	GRD	
86	0.308	GRD	
87	0.227	GRD	
88	0.322	GRD	
89	0.337	GRD	
90	0.373	GRD	
91	0.305	GRD	
92	0.457	GRD	
93	0.305	GRD	
94	0.623	GRD	
95	0.465	GRD	
96	1.18	GRD	
97	1.82	GRD	
98	1.95	GRD	
99	0.311	GRD	
100	0.324	GRD	
101	0.479	GRD	
102	0.935	GRD	
103	0.301	GRD	
104	0.695	GRD	
105	3.12	GRD	
106	0.249	GRD	
107	0.241	GRD	
108	0.449	GRD	
109	0.507	GRD	
110	0.622	GRD	
111	0.521	GRD	
112	0.292	GRD	
113	0.272	GRD	
114	0.302	GRD	
115	0.33	GRD	
116	0.36	GRD	
117	0.266	GRD	
118	0.358	GRD	
119	0.356	GRD	
120	0.376	GRD	
121	0.315	GRD	
122	0.259	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
123	0.329	GRD	
124	0.307	GRD	
125	0.196	GRD	
126	0.27	GRD	
127	0.273	GRD	
128	0.308	GRD	
129	0.381	GRD	
130	0.363	GRD	
131	0.242	GRD	
132	0.285	GRD	
133	0.74	GRD	
134	0.96	GRD	
135	0.578	GRD	
136	0.645	GRD	
137	0.476	GRD	
138	1.81	GRD	
139	0.589	GRD	
140	0.223	GRD	
141	0.373	GRD	
142	1.88	GRD	
143	1.21	GRD	
144	3.98	GRD	
145	0.758	GRD	
146	0.604	GRD	
147	0.256	GRD	
148	1.34	GRD	
149	0.414	GRD	
150	2	GRD	
151	8.38	GRD	
152	0.8	GRD	
153	1.31	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
154	16.2	GRD	
155	13.7	GRD	
156	14.1	GRD	
157	19.8	GRD	
158	14	GRD	
159	2.88	GRD	
160	4.6	GRD	
161	9.28	GRD	
162	13.1	GRD	
163	16.3	GRD	
165	10.3	GRD	
166	1.12	GRD	
168	0.526	GRD	
169	5.43	GRD	
170	1.9	GRD	
171	1.3	GRD	
172	2.3	GRD	
173	0.7	GRD	
174	9.86	GRD	
175	8.59	GRD	
176	0.798	GRD	
177	16.4	GRD	
178	8.48	GRD	
179	14.9	GRD	
180	1.62	GRD	
182	5.47	GRD	
183	2.79	GRD	
184	4.15	GRD	
185	2.68	GRD	
186	13.66	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		384974	6888454	1312.8	224.03

ZONE: Pearl

SECTION:

HOLE: KL-14-162

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 6.09m, Out

Drilling Dates: Jun 27 - Jun 30, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.9	2.9	CAS
2.9	36.12	33.22	GRD
36.12	38.35	2.23	POR
38.35	52.67	14.32	GRD
52.67	61.55	8.88	GRD
61.55	77.59	16.04	GRD
77.59	86.38	8.79	POR
86.38	90.47	4.09	GRD
90.47	101.95	11.48	POR
101.95	165.85	63.9	GRD
165.85	168.22	2.37	POR
168.22	196.57	28.35	GRD
196.57	204.01	7.44	POR
204.01	208.52	4.51	GRD
208.52	224.03	15.51	POR

SAMPLES	
Numbers:	Q016831 to Q016832, Q924806 to Q924876, Q927631 to Q927638, Q927696
Total:	92
Batch:	040, 043, 052, 105, 106, 108
Certificates:	WH14104128, WH14104753, WH14104755, WH14114872, WH14114873, WH14114875

COMMENTS
No Downhole Survey Completed

Box Log

KL-14-162

Klaza
Pearl Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.9	6.55
2	6.55	10.85
3	10.85	14.85
4	14.85	19.1
5	19.1	22.45
6	22.45	26.3
7	26.3	30.4
8	30.4	35.42
9	35.42	40.08
10	40.08	45.45
11	45.45	51
12	51	56.49
13	56.49	61.04
14	61.04	65.24
15	65.24	69.33
16	69.33	73.77
17	73.77	78.08
18	78.08	82.11
19	82.11	86.62
20	86.62	90.5
21	90.5	94.85
22	94.85	99.28
23	99.28	103.88
24	103.88	108.2
25	108.2	112.5
26	112.5	116.87
27	116.87	121.24
28	121.24	125.48
29	125.48	129.54
30	129.54	133.85
31	133.85	138.15
32	138.15	142.42
33	142.42	146.65
34	146.65	150.76
35	150.76	155
36	155	159.35
37	159.35	163.51
38	163.51	167.68
39	167.68	172.1
40	172.1	176.31
41	176.31	180.43
42	180.43	184.6
43	184.6	188.82
44	188.82	193.02
45	193.02	197.05
46	197.05	201.12
47	201.12	205.53
48	205.53	209.82
49	209.82	214.25
50	214.25	218.43
51	218.43	222.45
52	222.45	224.03

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-162									
	36.6	13	NQ2	POR	637	383	2.31	2.5	Weak argillic altered granodiorite with propalytic, trace hematite staining and moderate oxidation. Goethite and Limonite on fracture surfaces.
	39.11	4.6	NQ2	GRD	346.2	264.5	3.54	4.2	Gougy mineralized milky, smoky quartz vein with blebby pyrite and semi-massive and disseminated arsenopyrite.
	52.36		NQ2	GRD	370.1	261.4	3.52	3.4	Banded Quartz-ankerite-calcite-pyrite vein.
	68.51	7.9	NQ2	GRD	421	267	2.51	2.7	Moiderate phyllic altered granodiorite with weak propalytic alteration and moderate silicification. Disseminated pyrite and arsenopyrite hosted in chlorite grains.
	113.34	16.2	NQ2	GRD	889.7	557.3	2.59	2.7	Strong phyllic altered granodiorite with trace propalytic and weak silicification. Disseminated pyrite.
	115.96	4.1	NQ2	GRD	265.5	183.9	3.05	3.3	Quartz-ankerite vein with blebby blackjack sphalerite, pyrite and ankerite. Disseminated pyrite.
	127.2	14.4	NQ2	GRD	808.2	529.5	2.64	2.9	Massive cream ankerite vein with vugs gilled by quartz. Extreme silicification. Disseminated pyrite near selvedges.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	172.36	9.8	NQ2	GRD	694.7	499.7	3.34	3.6	Banded smoky, clear quartz-ankerite-pyrite vein with disseminated sphalerite, arsenopyrite. Bands of moderate phyllic altered granodiorite within.
	175.51	10	NQ2	GRD	574	391.3	2.7	3.1	Quartz-calcite vein with semi massive veins and veinlets of pyrite. Blebs and veinlets of ankerite and sphalerite. Blebby and disseminated arsenopyrite.
	176.51	10	NQ2	GRD	574	391.3	2.7	3.1	Quartz-calcite vein with semi-massive vein and veinlets pyrite and blebby and veinlets of ankerite and sphalerite. Blebby and disseminated arsenopyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.90	23.97	21.07	GRD	MG	Weak pervasive propylitic and moderate silicification throughout. Recovery is weakly fractured, with moderate oxidation and clay along fractures. Oxidation is brown, orange, and yellow. Patchy argillic near some crosscutting veins. Hosts mafic-rich xenoliths.							
						MD	GY	PO	OXI	3I	Li	2
						MD	BN	FR	SIL	3I		
									PRO	1I		
									ARG	1I		
23.97	30.40	6.43	GRD	MG	Heavily fractured, crumbled granodiorite with strong oxidation and moderate argillic. Oxidation is brown, orange, and yellow, indicating former sulphides.							
						MD	OR	RB	ARG	3I	Go	5
						MD	BN	FR	OXI	4I	Li	10
30.40	36.12	5.72	GRD	MG	Weak pervasive propylitic and moderate silicification throughout. Recovery is weakly fractured, with moderate oxidation and clay along fractures. Oxidation is brown, orange, and yellow. Patchy argillic near some crosscutting veins. Hosts mafic-rich xenoliths. Gouged contact with porphry at 36.13m.							
						MD	GY	PO	OXI	2I		
						MD	BN	FR	SIL	2I		
									PRO	1I		
									ARG	1I		
36.12	38.35	2.23	GRD	MG	Short porphyry stock with argillic altered phenocrysts and pervasive silicification. Weak oxidation on fractures. 1-3mm clear quartz phenocrysts.							
						MD	GN	PO	OXI	2I		
						LT	BN		SIL	3I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
38.35	40.15	1.80	GRD	MG	Phyllic altered zone adjacent to contact. Disseminated pyrite and quartz veins throughout. Quartz veins host blebby-massive pyrite and sphalerite.							
						MD	GY	PO	OXI	1I	Py	5
						LT	GN	FR	PHC	3I	Sp	3
									ARG	1I		
40.15	52.67	12.52	GRD	MG	Granodiorite with weak pervasive propylitic and silicification, patchy weak phyllic, and disseminated pyrite throughout.							
						MD	GY	PO	OXI	1I	Py	2
									PHC	2I		
									PRO	2I		
									SIL	3I		
52.67	58.60	5.93	GRD	MG	Strong phyllic granodiorite with rubble, fractures, and moderate gouge development. Disseminated pyrite in granodiorite. Cut by mineralized veins.							
						LT	GY	PO	PHC	4I	Py	4
						LT	GN	FR	CLY	3I		
								RB				
58.60	61.55	2.95	GRD	MG	Phyllic, propylitic, and silica altered granodiorite with rare veins.							
						MD	GY	PO	SIL	1I	Py	1
						LT	GN		PRO	2I		
									PHC	3I		
61.55	77.59	16.04	GRD	MG	Propylitic altered granodiorite with phyllic to argillic vein halos and silica flooding. Disseminated pyrite in granodiorite. 60 TCA sharp contact with 3mm gouge.							
						MD	GY	PO	SIL	3I	Py	3
						LT	GN		PRO	2I		
									PHC	3I		
									ARG	2I		
77.59	86.38	8.79	POR	FG	Porphyry stock with 60 TCA top contact, gouged and rubbly bottom contact. Large phenocrysts are green and sericitized. Cut by rare galena-hosting quartz-calcite veinlets.							
						LT	GN		HYD	3I		
						LT	GY		SIL	1I		
									SER	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
86.38	90.47	4.09	GRD	MG	Short granodiorite between porphyry occurrances. Pyrite mineralization near top contact and disseminated pyrite throughout granodiorite. Sharp 65 TCA bottom contact with porphyry. Weaker mineralization near bottom contact.							
						MD	GY		PHC	3I		
						LT	GN	PO	SIL	1I	Py	1
									ARG	2I		
90.47	91.80	1.33	POR	FG	Porphyry with tan-green fine groundmass and chloritic green phenocrysts. Finer than underlying porphyry.							
						LT	TN		PRO	1I		
						LT	GN		PHC	3I	Py	5
91.80	95.55	3.75	POR	FG	Light-medium green porphyry with sericite altered large phenocrysts. Short granodiorite interval. Possible second phase of porphry that is finer grained.							
						MD	GN		PHC	2I		
						LT	GN		SIL	1I		
									SER	2I		
									HYD	2I		
95.55	96.17	0.62	GRD	MG	Granodiorite with gouged top and bottom contacts with porphyry. Hosts disseminated pyrite throughout.							
						MD	GY		PHC	2I		
						LT	GN	PO	SIL	1I		
									SER	2I		
									HYD	2I		
96.17	101.95	5.78	POR	FG	Light-medium green porphyry with sericite altered large phenocrysts. Short granodiorite interval. Possible second phase of porphry that is finer grained. Cut by irregular smoky quartz veinlets hosting disseminated pyrite. Weakly gouged at bottom contact.							
						MD	GN		PHC	2I		
						LT	GN	PO	SIL	1I	Py	1
									HYD	2I		
									SER	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
101.95	136.41	34.46	GRD	MG	Grandiorite with weak pervasive propylitic overprinted by phyllic to argillic vein halos. Patchy silicification and disseminated pyrite.							
						MD	GY	PO	SIL	4I	Py	1
						LT	GN	PA	PHC	2I		
									ARG	1I		
136.41	144.25	7.84	GRD	MG	Grandiorite with weak pervasive propylitic overprinted by wide phyllic to argillic vein halos. Patchy silicification and disseminated pyrite.							
						MD	GY	PO	SIL	3I		
						LT	GN	PA	PHC	2I		
									ARG	2I		
144.25	159.78	15.53	GRD	MG	Silica altered grandoiorite, weak phyllic in vein halos. Disseminated pyrite.							
						MD	GY	PO	SIL	3I	Py	1
						LT	GN	PA	PHC	1I		
									ARG	1I		
159.78	165.85	6.07	GRD	MG	75 TCA contact with porphyry is weakly gouged. Cut by more frequent mineralized veins.							
						MD	GY	PO	SIL	2I	Py	2
						LT	GY	PA	PHC	3I		
						LT	GN		ARG	1I		
165.85	168.22	2.37	POR	FG	75 TCA gouged top contact and 85 TCA weakly gouged bottom contact. Light green porphyry with argillic-altered large phenocrysts. Trace disseminated pyrite near contacts.							
						LT	GN	PO	SIL	2I		
									HYD	2I		
									ARG	2I		
168.22	196.57	28.35	GRD	MG	Pervasive silica altered granodiorite near porphyry contact. Stonger veining than granodiorite distal from contact.Cut by quartz-calcite-pyrite veins with distinct phyllic to argillic halos. Disseminated pyrite in groundmass. Single mineralized vein at gouged-rubble contact with porphyry.							
						LT	GN	PO	SIL	2I	Py	1
						LT	GY		PHC	3I		
									ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
196.57	198.40	1.83	POR	FG	Light green porphyry. Gouged 60 TCA contact with quartz feldspar porphyry dyke.							
						LT	GN	PO	SIL	2I		
						LT	GY		ARG	2I		
198.40	199.72	1.32	QFP	FG	Dark maroon quartz feldspar porphyry dyke. 60 TCA top contact, 50 TCA bottom contact.							
						DK	MR	PO	HYD	3I		
199.72	204.01	4.29	POR	FG	75 TCA bottom contact, 50 TCA top contact. Medium marron porphyry, likely due to alteration.							
						MD	MR	PO	SIL	3I		
									ARG	2I		
204.01	208.52	4.51	GRD	MG	Granodiorite with weak pervasive silicification, patchy propylitic, and vein-associated phyllic. Disseminated pyrite in phyllic halos.							
						MD	GN	PA	SIL	2I		
									PHC	2I		
									PRO	2I		
208.52	224.03	15.51	POR	FG	Light green porphyry with large, clear quartz phenocrysts.							
						LT	GN	PO	ARG	2I		
									PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.90	36.12	33.22	GRD	MG	Weak pervasive propylitic and moderate silicification throughout. Recovery is weakly fractured, with moderate oxidation and clay along fractures. Oxidation is brown, orange, and yellow. Patchy argillic near some crosscutting veins. Hosts mafic-rich xenoliths. Gouged contact with porphry at 36.13m.				ARG	2I		
						MD	GY	PO	OXI	3I	Li	3
						MD	BN	FR	SIL	3I	Go	1
						LT	OR	PA	PRO	1I		
36.12	38.35	2.23	POR	FG	Short porphyry stock with argillic altered phenocrysts and pervasive silicification. Weak oxidation on fractures. 1-3mm clear quartz phenocrysts.							
									ARG	1I		
						LT	BN		SIL	3I		
						MD	GN	PO	OXI	2I		
38.35	52.67	14.32	GRD	MG	Granodiorite with weak pervasive propylitic and silicification, patchy weak phyllic, and disseminated pyrite throughout. Patches of intense silicification obliterating textures at 47m.							
									SIL	3I		
						MD	GY	PO	OXI	1I	Py	2
									PHC	2I		
									PRO	2I		
52.67	61.55	8.88	GRD	MG	Strong phyllic granodiorite with rubble, fractures, and moderate gouge development. Disseminated pyrite in granodiorite. Cut by mineralized veins.							
								RB				
						LT	GY	PO	PHC	4I	Py	2
						LT	GN	FR	CLY	3I		
61.55	77.59	16.04	GRD	MG	Propylitic altered granodiorite with phyllic to argillic vein halos and silica flooding. Disseminated pyrite in granodiorite. 60 TCA sharp contact with 3mm gouge.							
						MD	GY	PO	SIL	3I	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PRO	2I		
									PHC	3I		
									ARG	2I		
77.59	86.38	8.79	POR	FG	Porphyry stock with 60 TCA top contact, gouged and rubbly bottom contact. Large phenocrysts are green and sericitized. Cut by rare galena-hosting quartz-calcite veinlets.							
									SER	1I		
						LT	GN		HYD	3I		
						LT	GY		SIL	1I		
86.38	90.47	4.09	GRD	MG	Short granodiorite between porphyry occurrances. Pyrite mineralization near top contact and disseminated pyrite throughout granodiorite. Sharp 65 TCA bottom contact with porphyry. Weaker mineralization near bottom contact.							
						LT	GN	PO	SIL	1I	Py	1
						MD	GY		PHC	3I		
									ARG	2I		
90.47	101.95	11.48	POR	FG	Light-medium green porphyry with sericite altered large phenocrysts. Short granodiorite interval. Possible second phase of porphry that is finer grained.							
						LT	GN		SIL	1I		
						MD	GN		PHC	2I		
									SER	2I		
									HYD	2I		
101.95	165.85	63.90	GRD	MG	Grandiorite with weak pervasive propylitic overprinted by phyllic to argillic vein halos. Patchy silicification and disseminated pyrite.							
						LT	GN	PA	PHC	3I		
						MD	GY	PO	SIL	3I	Py	1
									ARG	2I		
									PRO	2I		
165.85	168.22	2.37	POR	FG	75 TCA gouged top contact and 85 TCA weakly gouged bottom contact. Light green porphyry with argillic-altered large phenocrysts. Trace disseminated pyrite near contacts.							
									ARG	2I		
						LT	GN	PO	SIL	2I		
									HYD	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
168.22	196.57	28.35	GRD	MG	Pervasive silica altered granodiorite near porphyry contact. Stonger veining than granodiorite distal from contact.Cut by quartz-calcite-pyrite veins with distinct phyllic to argillic halos. Disseminated pyrite in groundmass. Single mineralized vein at gouged-rubble contact with porphyry.							
									ARG	3I		
						LT	GY		PHC	3I		
						LT	GN	PO	SIL	2I	Py	1
196.57	204.01	7.44	POR	FG	Light green porphyry with dark maroon quartz feldspar porphyry dyke. Porphyry changed to a medium maroon below quartz feldspar porphyry dyke.							
						MD	MR		ARG	2I		
						LT	GN	PO	SIL	2I		
204.01	208.52	4.51	GRD	MG	Granodiorite with weak pervasive silicification, patchy propylitic, and vein-associated phyllic. Disseminated pyrite in phyllic halos.							
									PRO	2I		
									PHC	2I		
						MD	GN	PA	SIL	2I		
208.52	224.03	15.51	POR	FG	Light green porphyry with large, clear quartz phenocrysts.							
									PHC	1I		
						LT	GN	PO	ARG	2I		

KL-14-162

Klaza
Pearl Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.90	2.90	0	0	0.00	0	--	--	--	
2.90	4.57	1.67	1.67	100	0.50	30	--	4H	2W	
4.57	7.62	3.05	2.7	89	0.90	30	--	4H	3W	
7.62	10.67	3.05	2.9	95	1.80	59	--	4H	3W	
10.67	13.71	3.04	2.6	86	0.70	23	--	3H	4W	
13.71	16.76	3.05	2.5	82	0.80	26	--	4H	5W	
16.76	19.81	3.05	1.9	62	0.10	3	--	3H	5W	
19.81	22.86	3.05	2.6	85	0.70	23	--	4H	3W	
22.86	25.90	3.04	2	66	0.20	7	--	3H	3W	
25.90	28.95	3.05	1.9	62	0.20	7	--	2H	5W	Rubbly
28.95	32.00	3.05	2.3	75	0.50	16	--	3H	4W	
32.00	35.05	3.05	2.55	84	1.50	49	--	4H	2W	
35.05	38.10	3.05	2.7	89	1.10	36	--	4H	3W	
38.10	41.15	3.05	2.9	95	0.80	26	--	4H	3W	
41.15	44.20	3.05	3	98	1.40	46	--	4H	2W	
44.20	47.24	3.04	3.04	100	2.20	72	--	4H	1W	
47.24	50.29	3.05	2.9	95	2.00	66	--	3H	1W	
50.29	53.34	3.05	2.9	95	1.00	33	--	3H	1W	
53.34	56.39	3.05	2.2	72	0.20	7	--	3H	1W	
56.39	59.44	3.05	2	66	0.90	30	--	3H	1W	
59.44	62.48	3.04	2.95	97	1.80	59	--	4H	1W	
62.48	65.53	3.05	2.9	95	1.40	46	--	4H	1W	
65.53	68.58	3.05	2.9	95	0.80	26	--	4H	1W	
68.58	71.63	3.05	2.95	97	1.10	36	--	4H	1W	
71.63	74.68	3.05	3	98	1.90	62	--	4H	1W	
74.68	77.72	3.04	2.7	89	1.40	46	--	4H	1W	
77.72	80.77	3.05	2.85	93	1.20	39	--	4H	1W	
80.77	83.82	3.05	2.7	89	1.20	39	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
83.82	86.87	3.05	1.5	49	0.10	3	--	4H	1W	Heavily jointed zone. Many joint sets. All spacing under 0.1m. Shape 1-3. Roughness 1-3. Gouge widthe 0-5
86.87	89.92	3.05	2.9	95	1.40	46	--	4H	1W	
89.92	92.96	3.04	2.95	97	1.60	53	--	4H	1W	
92.96	96.01	3.05	2.95	97	1.20	39	--	4H	1W	
96.01	99.06	3.05	2.65	87	0.90	30	--	4H	1W	
99.06	102.11	3.05	2.2	72	0.70	23	--	4H	1W	
102.11	105.16	3.05	2.95	97	2.20	72	--	4H	1W	
105.16	108.20	3.04	2.6	86	1.00	33	--	4H	1W	
108.20	111.25	3.05	3	98	1.70	56	--	4H	1W	
111.25	114.30	3.05	3.05	100	1.60	52	--	4H	1W	
114.30	117.34	3.04	3.04	100	1.90	63	--	4H	1W	
117.34	120.39	3.05	3	98	1.80	59	--	4H	1W	
120.39	123.44	3.05	2.15	70	1.47	48	--	4H	1W	
123.44	126.49	3.05	2.87	94	1.71	56	--	4H	1W	
126.49	129.54	3.05	2.87	94	1.71	56	--	4H	1W	
129.54	132.59	3.05	2.96	97	2.17	71	--	4H	1W	
132.59	135.64	3.05	2.98	98	2.22	73	--	4H	1W	
135.64	138.68	3.04	2.99	98	2.65	87	--	4H	1W	
138.68	141.73	3.05	2.86	94	2.54	83	--	4H	1W	
141.73	144.78	3.05	2.69	88	1.84	60	--	4H	1W	
144.78	147.83	3.05	2.93	96	1.46	48	--	4H	1W	
147.83	150.88	3.05	2.84	93	2.09	69	--	4H	1W	
150.88	153.92	3.04	2.92	96	2.52	83	--	4H	1W	
153.92	156.97	3.05	3	98	1.88	62	--	4H	1W	
156.97	160.02	3.05	2.82	92	1.84	60	--	4H	1W	
160.02	163.07	3.05	3	98	2.38	78	--	4H	1W	
163.07	166.12	3.05	2.92	96	1.41	46	--	4H	1W	
166.12	169.16	3.04	2.75	90	1.43	47	--	4H	1W	
169.16	172.21	3.05	2.8	92	1.89	62	--	4H	1W	
172.21	175.26	3.05	2.86	94	1.77	58	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
175.26	178.31	3.05	2.88	94	1.65	54	--	3H	1W	
178.31	181.36	3.05	2.61	86	1.39	46	--	4H	1W	
181.36	184.40	3.04	2.8	92	1.09	36	--	3H	1W	
184.40	187.45	3.05	2.85	93	1.29	42	--	3H	1W	
187.45	190.50	3.05	2.94	96	1.26	41	--	3H	1W	
190.50	193.55	3.05	1.77	58	1.54	50	--	3H	1W	
193.55	196.60	3.05	1.92	63	1.53	50	--	3H	1W	
196.60	199.64	3.04	1.66	55	0.50	16	--	3H	1W	
199.64	202.69	3.05	1.75	57	1.61	53	--	3H	1W	
202.69	205.74	3.05	1.79	59	1.62	53	--	3H	1W	
205.74	208.79	3.05	2.56	84	1.21	40	--	3H	1W	
208.79	211.84	3.05	2.9	95	1.85	61	--	3H	1W	
211.84	214.88	3.04	2.76	91	1.80	59	--	3H	1W	
214.88	217.93	3.05	2.69	88	1.45	48	--	3H	1W	
217.93	220.98	3.05	2.85	93	1.90	62	--	2H	1W	
220.98	224.03	3.05	2.77	91	1.93	63	--	3H	1W	EOH

KL-14-162

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	17	GRD	
4	4	GRD	
5	1.53	GRD	
6	21.8	GRD	
7	19.4	GRD	
8	33.8	GRD	
9	8.2	GRD	
10	31.5	GRD	
11	9.75	GRD	
12	2.56	GRD	
13	0.446	GRD	
14	0.419	GRD	
15	8.16	GRD	
16	36.7	GRD	
17	25.4	GRD	
18	19.9	GRD	
20	40.4	GRD	
21	40	GRD	
22	37.1	GRD	
23	78.4	GRD	
24	0.389	GRD	
25	1.35	GRD	
26	13.1	GRD	
27	8.79	GRD	
30	0.41	GRD	
31	30.1	GRD	
32	39.1	GRD	
33	25.4	GRD	
34	30.7	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
35	27.5	GRD	
36	0.217	GRD	
37	0.223	POR	
38	0.225	POR	
39	0.276	GRD	
40	11.4	GRD	
41	24.6	GRD	
42	25.3	GRD	
43	36.8	GRD	
44	38.6	GRD	
45	39.8	GRD	
46	39.5	GRD	
47	1.08	GRD	
48	4.18	GRD	
49	7.39	GRD	
50	3.38	GRD	
51	0.722	GRD	
52	0.222	GRD	
53	0.227	GRD	
54	0.661	GRD	
56	1	GRD	
57	6.78	GRD	
58	0.489	GRD	
59	0.532	GRD	
60	0.653	GRD	
61	1.08	GRD	
62	31.9	GRD	
63	2.11	GRD	
64	3.86	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
65	0.549	GRD	
66	0.753	GRD	
67	1.25	GRD	
68	0.594	GRD	
69	2.31	GRD	
70	2.2	GRD	
71	2.38	GRD	
72	9.65	GRD	
73	2.86	GRD	
74	0.625	GRD	
75	0.938	GRD	
76	0.278	GRD	
77	0.219	GRD	
78	0.439	POR	
79	0.476	POR	
80	0.453	POR	
81	0.272	POR	
82	0.212	POR	
83	0.246	POR	
84	0.337	POR	
85	0.291	POR	
86	0.281	POR	
87	1.04	GRD	
88	0.817	GRD	
89	0.634	GRD	
90	0.665	GRD	
91	0.349	POR	
92	0.345	POR	
93	0.325	POR	
94	0.684	POR	
95	0.495	POR	
96	0.646	POR	
97	0.271	POR	
98	0.342	POR	
100	0.246	POR	
101	0.186	POR	
102	0.597	GRD	
103	0.948	GRD	
104	1.71	GRD	
105	0.688	GRD	
106	0.81	GRD	
107	18.3	GRD	
108	0.743	GRD	
109	3.43	GRD	
110	53	GRD	
111	0.737	GRD	
112	0.545	GRD	
113	0.586	GRD	
114	0.672	GRD	
115	0.583	GRD	
116	23.34	GRD	
117	0.82	GRD	
118	20.9	GRD	
119	1.52	GRD	
120	0.856	GRD	
121	6.86	GRD	
122	4.57	GRD	
123	7.08	GRD	
124	0.792	GRD	
125	0.458	GRD	
126	33.9	GRD	
127	1.73	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
128	32.4	GRD	
129	27.2	GRD	
130	4.09	GRD	
131	0.877	GRD	
132	6.53	GRD	
133	22.6	GRD	
134	41.1	GRD	
135	27.7	GRD	
136	14.8	GRD	
137	1.02	GRD	
138	10.5	GRD	
139	4.34	GRD	
140	44.8	GRD	
141	1.12	GRD	
142	1.27	GRD	
143	0.32	GRD	
144	0.742	GRD	
145	43.6	GRD	
146	0.318	GRD	
147	2.16	GRD	
148	10.2	GRD	
149	3.03	GRD	
150	13.6	GRD	
151	30.3	GRD	
152	0.842	GRD	
153	14.9	GRD	
154	4.07	GRD	
155	2.24	GRD	
156	33.4	GRD	
157	32.8	GRD	
158	35.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
159	83	GRD	
160	1.2	GRD	
161	18.9	GRD	
162	40	GRD	
163	16.4	GRD	
164	25.1	GRD	
165	26.2	GRD	
166	0.397	POR	
167	0.724	POR	
168	0.434	POR	
169	0.673	GRD	
170	0.374	GRD	
171	0.639	GRD	
172	0.758	GRD	
173	3.48	GRD	
174	3.8	GRD	
175	3.11	GRD	
176	17.7	GRD	
177	0.499	GRD	
178	0.847	GRD	
179	478	GRD	
180	6.77	GRD	
181	6.42	GRD	
182	0.304	GRD	
183	0.437	GRD	
184	0.682	GRD	
185	0.727	GRD	
186	0.976	GRD	
187	0.349	GRD	
188	0.569	GRD	
189	0.248	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
190	15	GRD	
191	21.6	GRD	
192	0.619	GRD	
193	0.454	GRD	
194	0.321	GRD	
195	0.314	GRD	
196	0.52	GRD	
197	0.391	POR	
198	0.405	POR	
200	0.43	POR	
201	0.506	POR	
202	0.458	POR	
203	0.312	POR	
204	0.59	POR	
205	1.88	GRD	
206	8.92	GRD	
207	2.41	GRD	
208	0.588	GRD	
209	0.366	POR	
210	0.494	POR	
211	0.374	POR	
212	0.222	POR	
213	0.308	POR	
214	0.327	POR	
215	0.242	POR	
216	0.206	POR	
217	0.191	POR	
218	0.138	POR	
219	0.435	POR	
220	0.174	POR	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381990	6889930	1340.42	218.54

ZONE: Central BRX

SECTION:

HOLE: KL-14-163

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jun 30 - Jul 02, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
218.54	35.32	-48.9	Calculated

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.53	3.53	CAS
3.53	9.15	5.62	GRD
9.15	41.75	32.6	GRD
41.75	145.84	104.09	GRD
145.84	148.26	2.42	GRD
148.26	149.48	1.22	GRD
149.48	170.64	21.16	QFP
170.64	170.78	0.14	GRD
170.78	171	0.22	VEN
171	172.19	1.19	GRD
172.19	176.19	4	GRD
176.19	185.52	9.33	GRD
185.52	218.54	33.02	GRD

SAMPLES	
Numbers:	Q016846 to Q016849, Q924501 to Q924550, Q924951 to Q925007
Total:	118
Batch:	047, 048, 050, 053, 061
Certificates:	WH14104752, WH14104809, WH14105961, WH14105965, WH14107836

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-163

Klaza
entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.55	7.34
2	7.34	11.13
3	11.13	14.78
4	14.78	18.64
5	18.64	22.51
6	22.51	26.48
7	26.48	30.25
8	30.25	34.5
9	34.5	38.22
10	38.22	42.15
11	42.15	46.22
12	46.22	50.22
13	50.22	54.14
14	54.14	58.22
15	58.22	62
16	62	66.14
17	66.14	69.96
18	69.96	73.72
19	73.72	77.67
20	77.67	81.58
21	81.58	85.51
22	85.51	89.66
23	89.66	93.57
24	93.57	97.42
25	97.42	101.35
26	101.35	105.77
27	105.77	109.76
28	109.76	114.04
29	114.04	117.96
30	117.96	122.01
31	122.01	125.21
32	125.21	128.29
33	128.29	131.51
34	131.51	134.59
35	134.59	137.7
36	137.7	140.88
37	140.88	143.9
38	143.9	146.94
39	146.94	150.87
40	150.87	153.2
41	153.2	155.86
42	155.86	158.82
43	158.82	161.89
44	161.89	165
45	165	167.8
46	167.8	170.78
47	170.78	173.84
48	173.84	176.88
49	176.88	179.92
50	179.92	183.1
51	183.1	186.08
52	186.08	188.94
53	188.94	192.15
54	192.15	195.09
55	195.09	198.18
56	198.18	201.22
57	201.22	204.38
58	204.38	207.38
59	207.38	210.45
60	210.45	213.6
61	213.6	216.85
62	216.85	218.54

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-163									
	37.61	15.4	HQ	GRD	1432.2	937.8	3.18	2.9	smoky quartz-ankerite vein with blebby and disseminated pyrite and brecciated textures. 4 centimeters of moderate propalytic, moderate phyllic, strongly silicified granodiorite.
	52.25	12.1	HQ	GRD	1073	694.5	3.03	2.8	moderate propalytic, strongly silicified ankerite-calcite quartz breccia with vugs and disseminated pyrite.
	54.24	7.9	HQ	GRD	621	379.4	2.69	2.6	weak argillic, moderate phyllic, weak chlorite altered granodiorite with trace silicification.
	70.27	12.2	HQ	GRD	997.8	622.2	2.8	2.7	Moderate phyllic, moderately silicified granodiorite with veinlets of vuggy ankerite and blebby smoky quartz.
	149.62	9	HQ	QFP	809.2	524.5	3.08	2.8	Brecciated, silicified granodiorite/quartz feldspar dyke with pyrite sen disseminated throughout. Breccia contact between the 2 units.
	155.92	15.9	HQ	QFP	1131.4	716.5	2.43	2.7	Heavily brecciated/silicified and veined quartz feldspar dyke with sphalerite and pyrite and blebs seen disseminated throughout.
	160.41	14.7	HQ	QFP	1185.5	731.5	2.76	2.6	Heavily brecciated/quartz flooded quartz feldspar dyke. Quartz is a smoky grey colour.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	160.41	14.7	HQ	QFP	1185.5	731.5	2.76	2.6	Heavily breccia/quartz flooded quartz feldspar dyke. Quartz is a smoky grey colour.
	178.92	10.1	HQ	GRD	839.4	522.9	2.84	2.7	Strong phyllic altered, weakly silicified granodiorite.
	197.4	13.8	HQ	GRD	1223.2	772.9	3.03	2.7	Weak phyllic altered granodiorite with moderate chlorite overprint, strong silicification and weak hematite staining. Cut by netted hematite veins.
	202.5	17.8	HQ	GRD	1707.7	1111.2	3.28	2.9	Moderate phyllic altered granodiorite with modrate propalytic overprint and moderate silicification. Contains ankerite, pyrite and quartz breccia.
	213.5	11.1	HQ	GRD	990.7	641.4	3.05	2.8	Ankerite vein with blebby quartz. Blebby pyrite hosted on edges of vein. 1.5 centimeters of moderate propalytic altered granodiorite.

KL-14-163

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.53	9.15	5.62	GRD	MG	Strongly oxidizes alternating patterns of moderately argillic and phyllic alteration. Oxidation obscures rock textures.							
						MD	OR	PA	OXI	4I		
						LT	WH		PHC	3I		
									ARG	3I		
9.15	11.00	1.85	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR		OXI	4I		
11.00	13.81	2.81	GRD	MG	Moderately oxidized alternating patches of moderate phyllic and argillic altered granodiorite. Oxidation obscures rock textures.							
						MD	OR	PA	OXI	3I		
						LT	WH		PHC	3I		
									ARG	3I		
13.81	29.01	15.20	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR		OXI	4I		
29.01	29.80	0.79	GRD	MG	Moderately silicified and phyllic alteration envelope around a quartz/carbonate vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
29.80	33.23	3.43	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR		OXI	4I		
33.23	35.66	2.43	GRD	MG	Moderately silicified and phyllic alteration envelope around a quartz/carbonate vein.							
						LT	GN		SIL	3I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
35.66	38.15	2.49	GRD	MG	Moderately silicified and phyllic alteration envelope surrounding quartz/carbonate/sulphide vein. Phyllic alteration transitions to potassic and propyllitic overprinted argillic alteration distally from vein.							
						LT	GN	EN	PHC	3I		
						LT	WH		ARG	3I		
									POT	2I		
									PRO	2I		
38.15	39.97	1.82	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR		OXI	4I		
39.97	41.42	1.45	GRD	MG	Moderately silicified and phyllic alteration envelope surroundingmultiple quartz/carbonate/sulphide veins. Phyllic alteration transitions to potassic and propyllitic overprinted argillic alteration distally from veins.							
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
									POT	2I		
									PRO	2I		
41.42	41.75	0.33	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces.							
						MD	GY		OXI	3I		
						MD	OR		OXI	4I		
41.75	51.87	10.12	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
51.87	54.34	2.47	GRD	MG	Moderately silicified and weak propyllitic alteration around quartz/carbonate breccias and veins. Potassic/propyllitic overprinted argillic alteration distally from veins.							
						MD	GN		PHC	3I		
						LT	WH		PRO	2I		
						LT	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
									ARG	3I		
54.34	54.74	0.40	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
54.74	58.22	3.48	GRD	MG	Moderately silicified and weak propyllitic alteration around quartz/carbonate breccias and veins. Potassic/propyllitic overprinted argillic alteration distally from veins.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
						LT	WH		PRO	2I		
									ARG	3I		
									POT	2I		
58.22	70.83	12.61	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
70.83	72.68	1.85	GRD	MG	Moderately silicified and weak propyllitic alteration around quartz/carbonate veins. Potassic/propyllitic overprinted argillic alteration distally from veins.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
						LT	WH		PRO	2I		
									POT	2I		
									ARG	3I		
72.68	89.60	16.92	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
89.60	91.78	2.18	GRD	MG	Five phyllic envelopes around quartz/carbonate veins. Alternating weak potassic/propyllitic alteration and phyllic envelopes.							
						MD	GY	PA	PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	2I		
						LT	GN		POT	2I		
91.78	95.12	3.34	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
95.12	96.60	1.48	GRD	MG	Strong-moderately silicified and phyllic alteration envelope around a quartz/ankerite/sulphide vein. Silica and phyllic alteration intensity decreases distally from vein and has patchy propyllitic alteration.							
						MD	GN		PHC	3I		
						MD	GY		PHC	4I		
						LT	GN	EN	SIL	3I		
									PRO	3I		
96.60	101.24	4.64	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
101.24	103.42	2.18	GRD	MG	Rubbly, gouge altered moderate propyllitic altered granodiorite.							
						MD	GY		PRO	3I		
						DK	GN					
103.42	107.00	3.58	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting quartz/carbonate sulphide veins.							
						LT	GN		SIL	3I		
									PHC	3I		
109.76	116.69	6.93	GRD	MG	Weak propyllitic/potassic overprinted moderate argillic altered granodiorite with patchy moderately silicified and phyllic alteration.							
						MD	PK		ARG	3I		
						LT	WH		SIL	3I		
									POT	2I		
									PRO	2I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
121.09	122.04	0.95	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy phyllic overprinted moderate argillic alteration. Hosts two quartz/carbonate veins.							
						LT	GN	PA	SIL	3I		
									ARG	3I		
									PHC	3I		
145.84	148.26	2.42	GRD	MG	Moderate potassic overprinted moderate argillic altered granodiorite.							
						MD	PK		POT	3I		
						LT	GN		ARG	3I		
148.26	149.48	1.22	GRD	MG	Moderately silicified and phyllic altered granodiorite, transitioning to strong silica and phyllic alteration proximal to dyke contact. Strong phyllic alteration hosts disseminated pyrite.							
						LT	GN		SIL	3I	Py	1
						DK	GN		SIL	4I		
									PHC	3I		
									PHC	4I		
149.48	170.64	21.16	QFP	FG	Grey/green moderately silicified quartz feldspar porphyry dyke. Hosts multiple white carbonate veinlets. Upper dyke contact is sharp with gouge along surface, oriented at 40 degrees TCA (Contact is oriented in Secondary Structures). Lower contact is obliterated by 10 cm of gouge.							
						MD	GN					
						MD	GY		SIL	3I		
170.64	170.78	0.14	GRD	MG	Strongly silicified and phyllic altered granodiorite hosting disseminated pyrite.							
						MD	GN		PHC	3I		
						MD	GY		SIL	4I		
170.78	171.00	0.22	VEN	MG	Grey-smokey quartz vein hosting blebby pyrite and sphalerite. Vein is rubbly.							
								RB			Py	50
											Cp	1
171.00	172.19	1.19	GRD	MG	Moderately argillic altered granodiorite with a moderate potassic/propyllitic overprint. Has patchy phyllic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	3I		
						LT	WH	PA	ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
172.19	176.19	4.00	GRD	MG	Weak to moderately propyllitic and potassic altered granodiorite. Granodiorite is moderately silicified.							
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
									PRO	2I		
176.19	185.52	9.33	GRD	MG	Moderately silicified and phyllic envelope around a smokey quartz breccia. Phyllic alteration transition to weak potassic/propyllitic overprinted argillic alteration. Small phyllic envelopes around quartz/carbonate veinlets.							
						MD	PK		ARG	3I		
						LT	WH	EN	SIL	3I		
						LT	GN		POT	2I		
						DK	GN		PRO	2I		
									PHC	3I		
185.52	186.83	1.31	GRD	MG	Weak to moderately propyllitic and potassic altered granodiorite. Granodiorite is moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						MD	GN		POT	2I		
186.83	187.55	0.72	GRD	MG	Moderately propyllitic and hematite altered granodiorite. Partially gouge altered.							
						DK	GN		PRO	3I		
						DK	RD		HEM	3I		
187.55	190.15	2.60	GRD	MG	Weak to moderately propyllitic and potassic altered granodiorite. Granodiorite is moderately silicified.							
						MD	GN		SIL	3I		
						MD	GY		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	2I		
190.15	197.27	7.12	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz/carbonate veins and veinlets, ~2-3 per meter.							
						MD	PK					
						LT	GN					
						LT	WH					
						DK	GN					
197.27	201.18	3.91	GRD	MG	Crackle textured moderately silicified chlorite/hematite altered granodiorite.							
						MD	GY		HEM	3I		
						DK	GN	CR	SIL	3I		
						DK	RD		CHL	3I		
201.18	209.05	7.87	GRD	MG	Strongly silicified, moderately phyllic altered granodiorite. Hosts a long low angle quartz/carbonate vein.							
						MD	GN		PHC	3I		
						MD	GY		SIL	4I		
209.05	210.40	1.35	GRD	MG	Strongly silicified moderately propyllitic/hematite altered granodiorite.							
						MD	GY		PRO	3I		
						DK	RD		HEM	3I		
						DK	GN		SIL	4I		
210.40	213.77	3.37	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic and phyllic overprinted argillic alteration. Hosts multiple quartz/carbonate veins and veinlets, ~ 2 per meter.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PRO	2I		
									ARG	2I		
213.77	216.33	2.56	GRD	MG	Weak to moderately propyllitic and potassic altered granodiorite. Granodiorite is moderately silicified.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						MD	GN		POT	2I		
						MD	GY		SIL	3I		
216.33	218.02	1.69	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to propyllitic/potassic overprinted argillic alteration distally from vein.							
						MD	GN	EN	PHC	3I		
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
218.02	218.54	0.52	GRD	MG	Weak to moderately propyllitic and potassic altered granodiorite. Granodiorite is moderately silicified.							
						MD	GN		POT	2I		
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		

KL-14-163

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.53	9.15	5.62	GRD	MG	Strongly oxidizes alternating patterns of moderately argillic and phyllic alteration. Oxidation obscures rock textures.							
						MD	OR	PA	OXI	4I		
						LT	WH		PHC	3I		
									ARG	3I		
9.15	41.75	32.60	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces.							
						MD	OR		OXI	4I		
						MD	GY		OXI	3I		
41.75	145.84	104.09	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
									PRO	1I		
						MD	GY		POT	1I		
145.84	148.26	2.42	GRD	MG	Moderate potassic overprinted moderate argillic altered granodiorite.							
						MD	PK		POT	3I		
						LT	GN		ARG	3I		
148.26	149.48	1.22	GRD	MG	Moderately silicified and phyllic altered granodiorite, transitioning to strong silica and phyllic alteration proximal to dyke contact. Strong phyllic alteration hosts disseminated pyrite.							
									PHC	3I		
						LT	GN		SIL	3I	Py	1
									PHC	4I		
						DK	GN		SIL	4I		
149.48	170.64	21.16	QFP	FG	Grey/green moderately silicified quartz feldspar porphyry dyke. Hosts multiple white carbonate veinlets. Upper dyke contact is sharp with gouge along surface, oriented at 40 degrees TCA (Contact is oriented in Secondary Structures). Lower contact is obliterated by 10 cm of gouge.							
						MD	GN					
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
170.64	170.78	0.14	GRD	MG	Strongly silicified and phyllic altered granodiorite hosting disseminated pyrite.							
						MD	GN		PHC	3I		
						MD	GY		SIL	4I		
170.78	171.00	0.22	VEN	MG	Grey-smokey quartz vein hosting blebby pyrite and sphalerite. Vein is rubbly.							
											Cp	1
								RB			Py	50
171.00	172.19	1.19	GRD	MG	Moderately argillic altered granodiorite with a moderate potassic/propyllitic overprint. Has patchy phyllic alteration.							
						LT	WH	PA	ARG	3I		
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
172.19	176.19	4.00	GRD	MG	Weak to moderately propyllitic and potassic altered granodiorite. Granodiorite is moderately silicified.							
						DK	GN		POT	2I		
									PRO	2I		
						MD	GY		SIL	3I		
176.19	185.52	9.33	GRD	MG	Moderately silicified and phyllic envelope around a smokey quartz breccia. Phyllic alteration transition to weak potassic/propyllitic overprinted argillic alteration. Small phyllic envelopes around quartz/carbonate veinlets.							
						LT	GN		POT	2I		
						DK	GN		PRO	2I		
						MD	PK		ARG	3I		
						LT	WH	EN	SIL	3I		
									PHC	3I		
185.52	218.54	33.02	GRD	MG	Weak to moderately propyllitic and potassic altered granodiorite. Granodiorite is moderately silicified.							
						DK	GN		POT	2I		
									PRO	2I		
						MD	GY		SIL	3I		

KL-14-163

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.53	3.53	0	0	0.00	0	--	3H	3W	
3.53	5.18	1.65	1.21	73	0.54	33	--	3H	3W	
5.18	8.22	3.04	2.44	80	1.34	44	--	3H	3W	
8.22	11.27	3.05	2.43	80	1.14	37	--	3H	2W	
11.27	14.32	3.05	2.24	73	1.01	33	--	3H	1W	
14.32	17.37	3.05	2.36	77	0.64	21	--	3H	3W	
17.37	20.42	3.05	2.35	77	0.90	30	--	4H	3W	
20.42	23.46	3.04	2.66	88	0.85	28	--	4H	3W	
23.46	26.51	3.05	2.68	88	0.99	32	--	4H	3W	
26.51	29.56	3.05	2.8	92	2.21	72	--	4H	2W	
29.56	32.61	3.05	2.69	88	1.82	60	--	4H	2W	
32.61	35.66	3.05	2.79	91	1.95	64	--	4H	2W	
35.66	38.71	3.05	2.86	94	1.46	48	--	4H	1W	
38.71	41.75	3.04	2.87	94	1.91	63	--	4H	1W	
41.75	44.80	3.05	2.68	88	1.33	44	--	4H	1W	
44.80	47.85	3.05	2.81	92	1.54	50	--	3H	1W	
47.85	50.90	3.05	2.99	98	2.38	78	--	3H	1W	
50.90	53.95	3.05	2.72	89	1.79	59	--	3H	1W	
53.95	57.00	3.05	2.61	86	1.73	57	--	3H	1W	
57.00	60.05	3.05	2.91	95	0.88	29	--	4H	1W	
60.05	63.09	3.04	2.96	97	1.85	61	--	3H	1W	
63.09	66.14	3.05	2.85	93	2.23	73	--	4H	1W	
66.14	69.19	3.05	2.69	88	1.20	39	--	3H	1W	
69.19	72.24	3.05	2.87	94	2.10	69	--	3H	1W	
72.24	75.29	3.05	2.77	91	1.22	40	--	4H	1W	
75.29	78.33	3.04	2.8	92	1.46	48	--	1H	1W	
78.33	81.38	3.05	2.87	94	1.56	51	--	1H	1W	
81.38	84.43	3.05	3.05	100	2.71	89	--	4H	1W	
84.43	87.48	3.05	3.02	99	2.77	91	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.99	98	1.82	60	--	4H	1W	
90.53	93.57	3.04	2.99	98	2.29	75	--	4H	1W	
93.57	96.62	3.05	3.05	100	2.50	82	--	4H	1W	
96.62	99.67	3.05	3.05	100	2.04	67	--	4H	1W	
99.67	102.72	3.05	2.4	79	1.02	33	--	4H	1W	
102.72	105.77	3.05	2.62	86	1.42	47	--	4H	1W	
105.77	108.81	3.04	3.02	99	2.42	80	--	4H	1W	
108.81	111.86	3.05	2.92	96	2.87	94	--	4H	1W	
111.86	114.91	3.05	3.05	100	2.73	90	--	4H	1W	
114.91	117.96	3.05	3.01	99	2.50	82	--	3H	1W	
117.96	121.01	3.05	3	98	2.25	74	--	4H	1W	
121.01	124.05	3.04	3.04	100	2.82	93	--	4H	1W	
124.05	127.10	3.05	3.05	100	2.81	92	--	4H	1W	
127.10	130.15	3.05	3.05	100	1.97	65	--	4H	1W	
130.15	133.20	3.05	3.05	100	1.93	63	--	4H	1W	
133.20	136.25	3.05	3	98	2.12	70	--	4H	1W	
136.25	139.29	3.04	3.04	100	2.62	86	--	4H	1W	
139.29	142.34	3.05	3.03	99	1.98	65	--	3H	1W	
142.34	145.39	3.05	3.05	100	2.92	96	--	4H	1W	
145.39	148.44	3.05	3.05	100	2.61	86	--	3H	1W	
148.44	151.49	3.05	3.05	100	2.28	75	--	3H	1W	
151.49	154.53	3.04	2.5	82	1.16	38	--	3H	1W	
154.53	157.58	3.05	3.01	99	1.74	57	--	3H	1W	
157.58	160.63	3.05	3.05	100	2.32	76	--	3H	1W	
160.63	163.68	3.05	3.05	100	2.25	74	--	3H	1W	
163.68	166.73	3.05	3.05	100	2.43	80	--	3H	1W	
166.73	169.77	3.04	3.04	100	1.06	35	--	3H	1W	
169.77	172.82	3.05	2.93	96	1.55	51	--	3H	1W	
172.82	175.87	3.05	3.05	100	2.58	85	--	3H	1W	
175.87	178.92	3.05	3.05	100	2.51	82	--	3H	1W	
178.92	181.97	3.05	2.99	98	2.17	71	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	2.73	90	--	4H	1W	
185.01	188.06	3.05	3.03	99	2.01	66	--	4H	1W	
188.06	191.11	3.05	2.88	94	1.25	41	--	4H	1W	
191.11	194.16	3.05	3.05	100	2.59	85	--	4H	1W	
194.16	197.21	3.05	3.05	100	2.62	86	--	4H	1W	
197.21	200.25	3.04	3.04	100	1.96	64	--	4H	1W	
200.25	203.30	3.05	2.93	96	1.19	39	--	4H	1W	
203.30	206.35	3.05	2.91	95	1.24	41	--	4H	1W	
206.35	209.40	3.05	2.89	95	1.39	46	--	4H	1W	
209.40	212.45	3.05	3.05	100	2.83	93	--	4H	1W	
212.45	215.49	3.04	3.04	100	2.62	86	--	4H	1W	
215.49	218.54	3.05	2.96	97	1.67	55	--	4H	1W	

KL-14-163

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	0.313	GRD	
5	0.67	GRD	
6	0.247	GRD	
7	4.285	GRD	
8	0.471	GRD	
10	17.2	GRD	
11	0.335	GRD	
12	0.302	GRD	
13	18.4	GRD	
14	17.3	GRD	
15	14.2	GRD	
16	11.3	GRD	
17	19.3	GRD	
18	19.5	GRD	
19	17.8	GRD	
20	16.1	GRD	
21	19.3	GRD	
22	4.97	GRD	
23	17.6	GRD	
24	18.7	GRD	
25	17.4	GRD	
26	17.1	GRD	
27	19.22	GRD	
28	5.34	GRD	
29	0.527	GRD	
30	0.307	GRD	
31	3.41	GRD	
32	0.418	GRD	
33	0.448	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	0.367	GRD	
35	0.512	GRD	
36	16.2	GRD	
37	0.715	GRD	
38	0.226	GRD	
39	17.7	GRD	
40	0.317	GRD	
41	18	GRD	
42	28.2	GRD	
43	0.568	GRD	
44	18.9	GRD	
45	8.74	GRD	
46	19.1	GRD	
47	1.46	GRD	
48	0.452	GRD	
49	0.3	GRD	
50	17.3	GRD	
51	5.95	GRD	
52	0.469	GRD	
53	0.489	GRD	
54	6.46	GRD	
55	1.32	GRD	
56	0.294	GRD	
57	0.29	GRD	
58	11.8	GRD	
59	0.779	GRD	
60	20.8	GRD	
61	17.6	GRD	
62	18.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	18	GRD	
64	21.2	GRD	
65	17.5	GRD	
66	9.34	GRD	
67	18.6	GRD	
68	21.3	GRD	
69	17.3	GRD	
70	1.3	GRD	
71	1.81	GRD	
72	0.334	GRD	
73	17	GRD	
74	18.5	GRD	
75	19.3	GRD	
76	0.692	GRD	
77	19.8	GRD	
78	20.3	GRD	
79	21.8	GRD	
80	20.7	GRD	
81	19.8	GRD	
82	19.5	GRD	
83	16.9	GRD	
84	22.85	GRD	
85	21.9	GRD	
86	18.8	GRD	
87	17.6	GRD	
88	16.3	GRD	
89	14	GRD	
90	0.347	GRD	
91	0.392	GRD	
92	7.56	GRD	
93	4.61	GRD	
94	0.803	GRD	
95	0.294	GRD	
96	0.537	GRD	
97	5.37	GRD	
98	7.85	GRD	
99	16.7	GRD	
100	20.6	GRD	
101	18.6	GRD	
103	0.704	GRD	
104	2.56	GRD	
105	0.548	GRD	
106	10.2	GRD	
107	0.397	GRD	
108	0.324	GRD	
109	2.34	GRD	
110	0.33	GRD	
111	0.589	GRD	
112	0.298	GRD	
113	0.332	GRD	
114	12.6	GRD	
115	0.534	GRD	
116	0.443	GRD	
117	5.74	GRD	
118	13.5	GRD	
119	0.692	GRD	
120	18.2	GRD	
121	0.447	GRD	
122	22.4	GRD	
123	0.608	GRD	
124	19.8	GRD	
125	1.45	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
126	18.7	GRD	
127	4.94	GRD	
128	21.6	GRD	
129	0.988	GRD	
130	16.8	GRD	
131	0.777	GRD	
132	0.569	GRD	
133	21.3	GRD	
134	6.85	GRD	
135	21	GRD	
136	20.3	GRD	
137	22.1	GRD	
138	23.6	GRD	
139	23.2	GRD	
140	0.753	GRD	
141	2.76	GRD	
142	0.432	GRD	
143	7.72	GRD	
144	3.26	GRD	
145	18.6	GRD	
146	0.751	GRD	
147	0.6	GRD	
148	0.276	GRD	
149	0.404	GRD	
150	0.274	QFP	
151	0.259	QFP	
153	0.261	QFP	
154	0.398	QFP	
155	0.221	QFP	
156	0.273	QFP	
157	0.253	QFP	
158	0.301	QFP	
159	0.353	QFP	
160	0.82	QFP	
161	0.318	QFP	
162	0.453	QFP	
163	0.272	QFP	
164	0.32	QFP	
165	0.339	QFP	
166	0.159	QFP	
167	0.322	QFP	
168	0.322	QFP	
169	0.493	QFP	
170	0.292	QFP	
171	0.742	VEN	
171	0.742	GRD	
172	0.319	GRD	
173	7.23	GRD	
174	7.09	GRD	
175	0.681	GRD	
176	1.58	GRD	
177	0.717	GRD	
178	1.9	GRD	
179	0.541	GRD	
180	0.415	GRD	
181	0.602	GRD	
182	0.446	GRD	
183	0.53	GRD	
184	1.91	GRD	
185	17.5	GRD	
186	2.42	GRD	
187	0.598	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
188	1.14	GRD	
189	0.536	GRD	
190	0.427	GRD	
191	0.723	GRD	
192	0.637	GRD	
193	0.486	GRD	
194	0.508	GRD	
195	0.707	GRD	
196	3.27	GRD	
197	1.2	GRD	
198	0.493	GRD	
199	0.354	GRD	
201	0.654	GRD	
202	6.2	GRD	
203	0.278	GRD	
205	0.384	GRD	
206	0.465	GRD	
207	0.275	GRD	
208	0.321	GRD	
209	0.392	GRD	
210	6.84	GRD	
211	0.536	GRD	
212	0.374	GRD	
213	4.53	GRD	
214	1.99	GRD	
215	0.62	GRD	
216	7.95	GRD	
217	0.532	GRD	
218	0.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		384821	6888631	1302.13	199.64

ZONE: Pearl

SECTION:

HOLE: KL-14-164

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 7.62m, In

Drilling Dates: Jun 30 - Jul 04, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
199.64	35.28	-50.4	Calculated

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.5	2.5	CAS
2.5	9.05	6.55	POR
9.05	14.05	5	GRD
14.05	29.45	15.4	POR
29.45	62	32.55	POR
62	83.45	21.45	GRD
83.45	84.9	1.45	POR
84.9	90.54	5.64	GRD
90.54	99.06	8.52	POR
99.06	101.75	2.69	GRD
101.75	104.76	3.01	POR
104.76	125.07	20.31	GRD
125.07	142.41	17.34	POR
142.41	170.71	28.3	GRD
170.71	172.6	1.89	BXA
172.6	173.1	0.5	GRD

SAMPLES	
Numbers:	Q924877 to Q924929
Total:	62
Batch:	045, 049
Certificates:	WH14104750, WH14105960

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

173.1	174.3	1.2	QFP
174.3	175.09	0.79	GRD
175.09	186.35	11.26	POR
186.35	187.68	1.33	GRD
187.68	199.64	11.96	POR

Box Log

KL-14-164

Klaza
Pearl Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.5	4.75
2	4.75	7.53
3	7.53	10.66
4	10.66	13.72
5	13.72	17
6	17	19.91
7	19.91	22.86
8	22.86	25.6
9	25.6	28.65
10	28.65	31.52
11	31.52	34.45
12	34.45	37.45
13	37.45	40.12
14	40.12	42.1
15	42.1	45.59
16	45.59	48.28
17	48.28	51.35
18	51.35	54.18
19	54.18	57.25
20	57.25	60.3
21	60.3	63.1
22	63.1	65.85
23	65.85	68.87
24	68.87	71.63
25	71.63	74.68
26	74.68	77.57
27	77.57	80.38
28	80.38	83.5
29	83.5	86.6
30	86.6	89.63
31	89.63	92.42
32	92.42	95.51
33	95.51	98.05
34	98.05	100.24
35	100.24	103.32
36	103.32	106.38
37	106.38	109.52
38	109.52	112.55
39	112.55	115.45
40	115.45	118.56
41	118.56	121.8
42	121.8	124.88
43	124.88	127.88
44	127.88	130.83
45	130.83	133.33
46	133.33	136.02
47	136.02	138.68
48	138.68	141.31
49	141.31	144.31
50	144.31	147.83
51	147.83	150.88
52	150.88	153.67
53	153.67	156.32
54	156.32	158.88
55	158.88	161.1
56	161.1	163.82
57	163.82	166.63
58	166.63	169.52
59	169.52	172.35
60	172.35	175.26
61	175.26	178.18
62	178.18	180.96
63	180.96	183.92
64	183.92	186.5
65	186.5	188.5
66	188.5	191.52
67	191.52	194.06
68	194.06	196.59
69	196.59	199.64

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-164									
	5.01	7.1	HQ	POR	635.5	391	3.06	2.6	Pervasive oxidation altered porphyry with weak/trace silicification.
	43.4	14.3	HQ	POR	1199.7	750.6	2.87	2.7	Porphyry with high phenocryst content.
	72.48	14.4	HQ	GRD	1244.9	786.8	2.96	2.7	weak phyllic, weak propalytic altered granodiorite with intense silicification with netted black quartz vein and veinlets (black,vitreous, hard; tourmaline?) Netted calcite veinlets and disseminated pyrite.
	86.68	15.8	HQ	GRD	1253.9	793.8	2.72	2.7	Half moderate phyllic, moderately silicified granodiorite. Half strongly silicified breccia with vein of ankerite-smoky quartz-calcite and disseminated pyrite. Vugs infilled with quartz.
	122.8	8.6	HQ	GRD	1322.5	834.8	5.26	2.7	Weak propalytic, moderate chlorite altered granodiorite with strong silicification, blebby quartz-calcite veins and veinlets.
	127.78	15.9	HQ	POR	740	478.8	1.59	2.8	Weakly silicified breccia with disseminated pyrite.
	165.3	11.2	HQ	GRD	974.3	604.2	2.98	2.6	gougy strongly phyllic altered granodiorite with moderate propalytic and trace silicification overprint.
	173.46	16.2	HQ	QFP	1411.5	887.6	2.98	2.7	tan grey quartz feldspar dyke.

KL-14-164

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.50	9.05	6.55	POR	FG	Pervasively oxide stained porphyry with large clear quartz phenocrysts and orangey, clay altered phenocrysts. Patchy silicification and clay alteration focused on fractures. 70 TCA sharp, undulatory contact with granodiorite.							
						MD	BN	PO	OXI	4I	Li	10
						MD	OR	FR	SIL	1I	Go	1
									CLY	2I		
9.05	14.05	5.00	GRD	MG	Patchy argillic altered granodiorite with pervasive oxidation. Strongest oxidation and clay in short gouge zones.							
						MD	BN	FR	OXI	4I	Li	8
						MD	OR		CLY	1I	Go	2
									ARG	3I		
14.05	29.45	15.40	POR	FG	Pervasively oxidized porphry with large clear quartz phenocrysts and orange, clay altered phenocrysts. Patchy silicification and clay alteration focused on fractures.							
						MD	BN	PO	OXI	3I		
						MD	OR		CLY	2I		
									SIL	1I		
29.45	54.88	25.43	POR	FG	Pervasive phyllic-argillic altered porphyry with patchy silicification and vein-/fracture-associated oxidation. Moderate fractures throughout. Oxidation weakens to trace at 45m depth.							
						MD	GN	FR	SIL	1I		
						LT	GN	PO	OXI	3I	Li	3
						LT	BN		PHC	3I		
									ARG	2I		
54.88	55.35	0.47	GRD	MG	Phyllic-silica altered short granodiorite with pervasive disseminated pyrite in chlorite and crosscutting pyrite vein.							
						MD	GY	PO	SIL	3I	Py	2
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
55.35	62.00	6.65	POR	FG	Sharp, gently undulating, 20 TCA contact between porphyry and granodiorite. Pervasive phyllic-argillic altered porphyry with patchy silicification and vein-/fracture-associated oxidation. Moderate fractures throughout.							
						MD	GN		SIL	3I		
						LT	GN	PO	OXI	1I		
									PHC	3I		
									ARG	2I		
62.00	83.45	21.45	GRD	MG	Granodiorite with moderate pervasive silica alteration, patchy propylitic, and patchy vein-associated phyllic and argillic halos. No disseminated pyrite. Veins tend to be white-grey massive quartz with blebby pyrite.							
						MD	GY	PA	OXI	1I		
						LT	BN		SIL	3I		
									PHC	2I		
									ARG	2I		
									PRO	2I		
83.45	84.90	1.45	POR	FG	Pervasive phyllic-argillic altered porphyry with patchy silicification and vein-/fracture-associated oxidation. Moderate fractures throughout. Oxidation weakens to trace at 45m depth.							
						LT	GN	PO	SIL	3I		
									PHC	3I		
84.90	90.54	5.64	GRD	MG	Silicified granodiorite with patchy, vein-associated phyllic and argillic alteration. Cut by grey-milky-smoky quartz veins with carboantes and sulphides. Limited disseminated pyrite in groundmass.							
						MD	GY	PA	SIL	3I	Py	1
						LT	GN		ARG	2I		
						LT	GY		PHC	3I		
90.54	95.00	4.46	POR	FG	Pervasive phyllic-argillic altered porphyry with patchy silicification and vein- fracture-associated oxidation. Moderate fracture throughout. Oxidation weakens to trace at 45m depth.							
						LT	GN	PO	SIL	2I		
								RB	PHC	2I		
									ARG	2I		
95.00	99.06	4.06	POR	FG	As prev, but strongly fractured and rubbly with clay alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PO	SIL	2I		
								RB	PHC	2I		
								FR	ARG	2I		
									CLY	2I		
99.06	101.75	2.69	GRD	MG	Rubbly-fractured top contact, 40 TCA bottom contact. Granodiorite with phyllic to argillic vein halos.							
						MD	GY		PHC	2I		
						LT	GN	PA	ARG	3I		
101.75	104.76	3.01	POR	FG	Pervasive phyllic altered porphyry with patchy silicification and vein- and fractured-associated oxidation. Moderate fracturing throughout.							
						LT	GN	PO	HYD	3I		
104.76	105.10	0.34	GRD	MG	Granodiorite with phyllic to argillic vein halos.							
						MD	GY	PA	SIL	1I	Py	3
									PHC	3I		
									ARG	3I		
105.10	106.14	1.04	BXA	FG	40 TCA sharp top contact, 60 TCA sharp bottom contact. Strongly mineralized black quartz breccia with disseminated-blebby pyrite. Fragments are sub-angular granodiorite and quartz veins.							
						MD	GY		PHC	2I	Py	6
						DK	GY					
106.14	106.30	0.16	POR	FG	60 TCA top contact, 60 TCA bottom contact. Interfingering of porphyry and granodiorite.							
						LT	GN	PO	HYD	3I		
106.30	108.98	2.68	GRD	MG	65 TCA bottom contact. Granodiorite with phyllic to argillic vein halos.							
						MD	GY		PHC	2I		
						LT	GN	PA	ARG	3I		
108.98	109.68	0.70	POR	FG	35 TCA gouged bottom contact. Light green porphyry with phyllic-altered phenocrysts.							
						LT	GN	PO	HYD	2I		
									PHC	2I		
109.68	111.95	2.27	GRD	MG	Granodiorite with phyllic to argillic vein halos.							
						MD	GY		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	PHC	3I		
111.95	112.21	0.26	POR	FG	80 sharp top contact, 35 sharp bottom contact. Disseminated pyrite throughout. Pervasive clay alteration.							
						LT	GN	PO	PHC	2I		
									HYD	3I		
									CLY	1I		
112.21	117.35	5.14	GRD	MG	Granodiorite with silica overprinting phyllic-argillic vein halos. Cut by pyrite veinlets with quartz and sphalerite. Trace disseminated pyrite in groundmass.							
						MD	GN	PA	SIL	2I	Py	3
						LT	GN		PHC	3I		
									ARG	2I		
117.35	125.07	7.72	GRD	MG	60 TCA sharp bottom contact. Pervasive chlorite and silicification. Trace disseminated pyrite in chlorite. Vein-associated phyllic is rare. Localized disseminated hematite in chlorite.							
						MD	GN	PA			Py	2
						DK	GN				He	2
125.07	127.87	2.80	POR	FG	Light green porphyry with large clear quartz phenocrysts and phyllic altered phenocrysts. Interfingers with granodiorite.							
						MD	GN		HYD	3I		
						LT	GN	PO	SIL	3I		
									PHC	2I		
127.87	130.02	2.15	GRD	MG	70 TCA sharp top contact, 75 TCA sharp bottom contact. Granodiorite with moderate silicification, chloritization, and weak phyllic alteration. Disseminated hematite in chlorite.							
						MD	GN		SIL	2I		
									CHL	3I		
									PRO	2I		
130.02	130.60	0.58	POR	FG	60 TCA bottom sharp contact. Light green porphyry.							
						LT	GN	PO	SIL	3I		
									HYD	2I		
130.60	131.43	0.83	GRD	MG	65 TCA bottom sharp contact. Disseminated hematite in chlorite.							
						LT	GN		SIL	3I	He	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									CHL	2I		
									PRO	2I		
131.43	137.30	5.87	POR	FG	Fractured porphry as above.							
						LT	GN	FR	SIL	3I		
								PO	HYD	2I		
									CLY	2I		
137.30	138.56	1.26	GRD	MG	Gouged 80 TCA top contact, sharp 20 TCA bottom contact. Phyllic to argillic altered granodiorite.							
						MD	GN		ARG	1I		
						LT	GN		PHC	3I		
138.56	142.41	3.85	POR	FG	70 TCA bottom contact. Light green porphyry.							
						LT	GN	PO	SIL	2I		
									HYD	2I		
									ARG	1I		
142.41	150.26	7.85	GRD	MG	Moderate pervasive phyllic and argillic altered granodiorite with extensive clay alteration in groundmass. Generous gouge development.							
						LT	GY	FR	CLY	3I		
						LT	GN		ARG	3I		
									PHC	3I		
150.26	160.79	10.53	GRD	MG	Granodiorite with clay alteration on fractures. Moderate fracturing. Pervasvie argillic and phyllic alteration. Cut by pyrite-hosting quartz veins at 154.30-154.98m.							
						MD	GY		ARG	3I		
						LT	GY	FR	CLY	2I		
						LT	GN		PHC	3I		
160.79	163.82	3.03	GRD	MG	Moderate pervasive phyllic and argillic altered granodiorite with extensive clay alteration in groundmass. Generous gouge development.							
						LT	GN	RB	PHC	3I		
						LT	GY	FR	CLY	3I		
									ARG	3I		
163.82	170.71	6.89	GRD	MG	Granodiorite with clay alteration on fractures. Moderate fracturing. Pervasvie argillic and phyllic alteration.							
						LT	GY	PA	CLY	2I		
						LT	GN		ARG	2I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
170.71	172.60	1.89	BXA	FG	Breccia obliterating the granodiorite-porphry contact. Strongly clay altered cement. Cut by strongly clay altered veins with disseminated pyrite.							
						LT	GN		PHC	3I		
						LT	WH		CLY	4I		
									ARG	2I		
172.60	173.10	0.50	GRD	MG	Granodiorite with moderate-strong clay alteration of groundmass with weak-moderate phyllic and argillic alteration. Disseminated pyrite throughout.							
						MD	GY		PHC	2I	Py	5
						LT	GN		CLY	3I		
									ARG	2I		
173.10	174.30	1.20	QFP	FG	60 TCA sharp top contact, 50 TCA sharp bottom contact with thin gouge. Tan quartz feldspar porphyry dyke chilling against granodiorite.							
						MD	TN	PO	SIL	1I		
									HYD	4I		
174.30	175.09	0.79	GRD	MG	15 TCA gouged bottom contact. Mineralized granodiorite with patchy phyllic to argillic vein halos. Cut by pyrite-bearing smoky quartz veins.							
						MD	GY		CLY	2I	Py	5
						LT	GN		PHC	3I		
175.09	186.35	11.26	POR	FG	Fractured porphyry with clay on fractured. Larger and higher percentage of phenocrysts than seen in previous porphyry.							
						MD	GN	PO	CLY	1I		
						LT	GN	FR	PHC	2I		
								RB	ARG	2I		
186.35	187.68	1.33	GRD	MG	Rubbly and gouged contacts. Granodiorite with pervasive argillic and phyllic alteration. Fractured with clay along fractures.							
						LT	GY	FR	ARG	2I		
						LT	GN		PHC	3I		
									CLY	2I		
187.68	199.64	11.96	POR	FG	Fractured porhpry with clay on fractured. Larger and higher percentage of phenocrysts than in previous porphyry.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	FR	CLY	1I		
						LT	GN	RB	PHC	2I		
								PO	ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.50	9.05	6.55	POR	FG	Pervasively oxide stained porphyry with large clear quartz phenocrysts and orangey, clay altered phenocrysts. Patchy silicification and clay alteration focused on fractures. 70 TCA sharp, undulatory contact with granodiorite.							
									CLY	2I		
						MD	BN	PO	OXI	4I	Li	10
						MD	OR		SIL	1I	Go	1
9.05	14.05	5.00	GRD	MG	Patchy argillic altered granodiorite with pervasive oxidation. Strongest oxidation and clay in short gouge zones.							
						MD	BN	FR	OXI	4I	Li	8
						MD	OR		CLY	1I	Go	2
									ARG	3I		
14.05	29.45	15.40	POR	FG	Pervasively oxidized porphry with large clear quartz phenocrysts and orange, clay altered phenocrysts. Patchy silicification and clay alteration focused on fractures.							
						MD	BN	PO	OXI	3I		
						MD	OR		SIL	1I		
									CLY	2I		
29.45	62.00	32.55	POR	FG	Pervasive phyllic-argillic altered porphyry with patchy silicification and vein-/fracture-associated oxidation. Moderate fractures throughout. Oxidation weakens to trace at 45m depth.							
						LT	GN	PO	OXI	3I	Li	5
						MD	GN	FR	SIL	1I		
						LT	BN		PHC	3I		
									ARG	2I		
62.00	83.45	21.45	GRD	MG	Granodiorite with moderate pervasive silica alteration, patchy propylitic, and patchy vein-associated phyllic and argillic halos. No disseminated pyrite. Veins tend to be white-grey massive quartz with blebby pyrite.							
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
								PA	OXI	1I		
									SIL	3I		
									ARG	2I		
									PHC	2I		
83.45	84.90	1.45	POR	FG	Pervasive phyllic-argillic altered porphyry with patchy silicification and vein-/fracture-associated oxidation. Moderate fractures throughout. Oxidation weakens to trace at 45m depth.							
									PHC	3I		
						LT	GN	PO	SIL	3I		
84.90	90.54	5.64	GRD	MG	Silicified granodiorite with patchy, vein-associated phyllic and argillic alteration. Cut by grey-milky-smoky quartz veins with carboantes and sulphides. Limited disseminated pyrite in groundmass.							
						MD	GY		ARG	2I		
						LT	GY		PHC	3I		
						LT	GN	PA	SIL	3I	Py	1
90.54	99.06	8.52	POR	FG	Pervasive phyllic-argillic altered porphyry with patchy silicification and vein- fracture-associated oxidation. Moderate fracture throughout. Oxidation weakens to trace at 45m depth.							
									ARG	2I		
								RB	PHC	2I		
						LT	GN	PO	SIL	2I		
99.06	101.75	2.69	GRD	MG	Rubbly-fractured top contact, 40 TCA bottom contact. Granodiorite with phyllic to argillic vein halos.							
						MD	GY		PHC	2I		
						LT	GN	PA	ARG	3I		
101.75	104.76	3.01	POR	FG	Pervasive phyllic altered porphyry with patchy silicification and vein- and fractured-associated oxidation. Moderate fracturing throughout.							
						LT	GN	PO	HYD	3I		
104.76	125.07	20.31	GRD	MG	Granodiorite with phyllic to argillic vein halos cut by strongly mineralized breccia.							
									ARG	1I		
						LT	GN		PHC	3I		
						MD	GN	PA	SIL	1I	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
125.07	142.41	17.34	POR	FG	Light green porphyry with large clear quartz phenocrysts and phyllic altered phenocrysts. Interfingers with granodiorite.							
									PHC	2I		
						MD	GN		HYD	3I		
						LT	GN	PO	SIL	3I		
142.41	170.71	28.30	GRD	MG	Granodiorite with fracturing and wide gouge intervals. Cut by rare vein zones. Extensive fracturing with associated clay alteration. Stronger clay in argillic zones. Gouged-brecciated 50 TCA contact with lower porphry.							
								PA	ARG	2I		
						LT	GN	FR	PHC	2I		
						MD	GY	RB	CLY	3I	Py	1
170.71	172.60	1.89	BXA	FG	Breccia obliterating the granodiorite-porphry contact. Strongly clay altered cement. Cut by strongly clay altered veins with disseminated pyrite.							
									ARG	2I		
						LT	WH		CLY	4I		
						LT	GN		PHC	3I		
172.60	173.10	0.50	GRD	MG	Granodiorite with moderate-strong clay alteration of groundmass with weak-moderate phyllic and argillic alteration. Disseminated pyrite throughout.							
						LT	GN		CLY	3I		
									ARG	2I		
						MD	GY		PHC	2I	Py	5
173.10	174.30	1.20	QFP	FG	60 TCA sharp top contact, 50 TCA sharp bottom contact with thin gouge. Tan quartz feldspar porphyry dyke chilling against granodiorite.							
									HYD	4I		
						MD	TN	PO	SIL	1I		
174.30	175.09	0.79	GRD	MG	15 TCA gouged bottom contact. Mineralized granodiorite with patchy phyllic to argillic vein halos. Cut by pyrite-bearing smoky quartz veins.							
						LT	GN		PHC	3I		
						MD	GY		CLY	2I	Py	5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
175.09	186.35	11.26	POR	FG	Fractured porphyry with clay on fractured. Larger and higher percentage of phenocrysts than seen in previous porphyry.							
						MD	GN	FR	CLY	1I		
									PHC	2I		
						LT	GN	RB	ARG	2I		
186.35	187.68	1.33	GRD	MG	Rubbly and gouged contacts. Granodiorite with pervasive argillic and phyllic alteration. Fractured with clay along fractures.							
									CLY	2I		
						LT	GN	FR	ARG	3I		
						LT	GY		PHC	3I		
187.68	199.64	11.96	POR	FG	Fractured porhpry with clay on fractured. Larger and higher percentage of phenocrysts than in previous porphyry.							
						LT	GN	FR	ARG	2I		
						MD	GN	PO	CLY	1I		
								RB	PHC	2I		

KL-14-164

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.50	2.50	0	0	0.00	0	--	--	--	
2.50	4.57	2.07	1.6	77	0.25	12	--	3H	4W	
4.57	7.62	3.05	2.3	75	0.66	22	--	1H	4W	
7.62	10.67	3.05	2.25	74	1.22	40	--	3H	4W	
10.67	13.72	3.05	2.8	92	1.73	57	--	2H	4W	
13.72	16.76	3.04	1.9	63	0.97	32	--	1H	5W	
16.76	19.81	3.05	1.53	50	0.81	27	--	1H	4W	0.02 spacing 1 meter apart.
19.81	22.86	3.05	1.95	64	0.89	29	--	1H	4W	
22.86	25.91	3.05	3	98	1.39	46	--	3H	4W	
25.91	28.96	3.05	2.85	93	2.01	66	--	3H	3W	
28.96	32.00	3.04	2.92	96	2.54	84	--	3H	2W	
32.00	35.05	3.05	2.94	96	1.60	52	--	2H	3W	
35.05	38.10	3.05	2.75	90	1.48	49	--	2H	2W	
38.10	41.15	3.05	2.47	81	0.32	10	--	3H	2W	
41.15	44.20	3.05	2.57	84	1.42	47	--	3H	2W	
44.20	47.25	3.05	1.44	47	1.05	34	--	3H	1W	
47.25	50.29	3.04	2.75	90	1.87	62	--	3H	2W	
50.29	53.34	3.05	2.73	90	1.16	38	--	3H	2W	
53.34	56.39	3.05	2.8	92	1.14	37	--	3H	1W	
56.39	59.44	3.05	3.05	100	1.39	46	--	4H	2W	
59.44	62.48	3.04	2.75	90	1.45	48	--	4H	3W	
62.48	65.53	3.05	2.8	92	1.35	44	--	4H	2W	
65.53	68.58	3.05	2.36	77	1.11	36	--	3H	3W	
68.58	71.63	3.05	2.57	84	1.42	47	--	4H	2W	
71.63	74.68	3.05	2.69	88	1.48	49	--	4H	1W	
74.68	77.72	3.04	2.78	91	1.19	39	--	4H	1W	
77.72	80.77	3.05	2.81	92	0.91	30	--	3H	1W	
80.77	83.82	3.05	2.64	87	0.86	28	--	4H	1W	
83.82	86.87	3.05	2.82	92	0.75	25	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.79	91	2.19	72	--	4H	1W	
89.92	92.96	3.04	3.02	99	2.13	70	--	3H	1W	
92.96	96.01	3.05	2.64	87	1.31	43	--	3H	1W	
96.01	99.06	3.05	2.15	70	0.21	7	--	3H	1W	rubble interval
99.06	102.11	3.05	3.02	99	2.17	71	--	3H	1W	
102.11	105.16	3.05	3.05	100	2.61	86	--	3H	1W	
105.16	108.20	3.04	3.01	99	2.62	86	--	3H	1W	
108.20	111.25	3.05	2.91	95	2.17	71	--	2H	1W	
111.25	114.30	3.05	3.05	100	2.21	72	--	3H	1W	
114.30	117.35	3.05	3.01	99	2.33	76	--	3H	1W	
117.35	120.40	3.05	3.02	99	2.17	71	--	4H	1W	
120.40	123.44	3.04	3	99	2.73	90	--	4H	1W	
123.44	126.49	3.05	3.05	100	2.60	85	--	4H	1W	
126.49	129.54	3.05	3	98	2.51	82	--	3H	1W	
129.54	132.59	3.05	3.05	100	1.73	57	--	3H	1W	
132.59	135.64	3.05	1.22	40	0.58	19	--	3H	1W	
135.64	138.68	3.04	2.49	82	0.99	33	--	3H	1W	
138.68	141.73	3.05	3.05	100	1.20	39	--	3H	1W	Rubble
141.73	144.78	3.05	1.35	44	0.46	15	--	3H	1W	Gouge
144.78	147.83	3.05	1.87	61	0.11	4	--	3H	1W	Gouge
147.83	150.88	3.05	2.3	75	0.00	0	--	2H	1W	Gouge
150.88	153.92	3.04	2.43	80	0.67	22	--	4H	1W	Gouge
153.92	156.97	3.05	2.2	72	0.30	10	--	3H	1W	
156.97	160.02	3.05	2.25	74	0.29	10	--	3H	1W	
160.02	163.07	3.05	2.23	73	0.43	14	--	1H	1W	Gouge/rubble
163.07	166.12	3.05	2.4	79	0.52	17	--	3H	1W	Gouge
166.12	169.16	3.04	2.5	82	1.20	39	--	3H	1W	
169.16	172.21	3.05	2.64	87	0.53	17	--	2H	1W	
172.21	175.26	3.05	2.76	90	0.67	22	--	3H	1W	
175.26	178.31	3.05	2.94	96	0.83	27	--	2H	1W	Gougy/rubbly
178.31	181.36	3.05	2.8	92	0.84	28	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.36	184.40	3.04	2.83	93	1.30	43	--	3H	1W	
184.40	187.45	3.05	2.88	94	0.13	4	--	2H	1W	
187.45	190.50	3.05	2.71	89	0.00	0	--	3H	1W	Rubbly-spacing innaccurate.
190.50	193.54	3.04	2.92	96	0.50	16	--	3H	1W	
193.54	196.59	3.05	2.79	91	1.09	36	--	2H	1W	
196.59	199.64	3.05	2.65	87	1.01	33	--	3H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	0.338	POR	
5	0.197	POR	
6	0.145	POR	
7	0.18	POR	
8	0.159	POR	
9	0.223	POR	
10	0.379	GRD	
11	0.552	GRD	
12	0.241	GRD	
13	0.281	GRD	
14	0.272	GRD	
15	0.185	POR	
17	0.273	POR	
18	0.166	POR	
19	0.177	POR	
21	0.146	POR	
22	0.142	POR	
23	0.344	POR	
24	0.168	POR	
25	0.276	POR	
26	0.162	POR	
27	0.176	POR	
28	0.307	POR	
29	0.362	POR	
30	0.343	POR	
31	0.421	POR	
32	0.297	POR	
33	0.333	POR	
34	0.426	POR	

Depth (m)	Magnetic Susceptibility	Unit	Comments
35	32.67	POR	
36	0.411	POR	
37	0.328	POR	
38	0.273	POR	
40	0.631	POR	
41	0.196	POR	
42	0.206	POR	
43	0.212	POR	
44	0.202	POR	
45	0.414	POR	
46	3.07	POR	
47	0.268	POR	
48	0.389	POR	
49	0.321	POR	
50	0.249	POR	
51	0.219	POR	
52	0.615	POR	
53	0.236	POR	
54	0.395	POR	
55	0.571	POR	
56	0.246	POR	
57	0.282	POR	
58	0.291	POR	
59	0.516	POR	
60	0.283	POR	
61	0.321	POR	
62	0.85	POR	
62	0.85	GRD	
63	11.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
64	9.82	GRD	
65	37.8	GRD	
66	0.85	GRD	
67	0.579	GRD	
68	2.6	GRD	
69	1.11	GRD	
70	1.92	GRD	
71	60.1	GRD	
72	51.6	GRD	
73	43.5	GRD	
74	40.9	GRD	
75	39.6	GRD	
76	43.7	GRD	
77	57.7	GRD	
78	29.9	GRD	
79	0.472	GRD	
80	40.1	GRD	
81	4.24	GRD	
82	0.755	GRD	
83	0.562	GRD	
84	0.32	POR	
85	1.06	GRD	
86	0.394	GRD	
87	0.712	GRD	
88	0.722	GRD	
89	0.708	GRD	
90	0.407	GRD	
91	0.395	POR	
92	0.324	POR	
93	0.188	POR	
94	0.242	POR	

Depth (m)	Magnetic Susceptibility	Unit	Comments
95	0.228	POR	
96	0.249	POR	
97	0.193	POR	
98	0.258	POR	
99	0.311	POR	
100	0.445	GRD	
101	0.486	GRD	
102	0.268	POR	
103	0.367	POR	
104	0.267	POR	
105	0.037	GRD	
106	0.146	GRD	
107	0.514	GRD	
108	0.477	GRD	
109	0.256	GRD	
110	0.554	GRD	
111	0.484	GRD	
112	0.388	GRD	
113	0.553	GRD	
114	0.638	GRD	
115	0.433	GRD	
116	6.82	GRD	
117	0.773	GRD	
118	0.292	GRD	
119	0.471	GRD	
120	0.49	GRD	
121	46.3	GRD	
122	14.5	GRD	
123	26.5	GRD	
124	6.99	GRD	
125	0.41	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
126	0.551	POR	
127	0.434	POR	
128	0.309	POR	
129	0.41	POR	
130	0.471	POR	
131	4.84	POR	
132	0.421	POR	
133	0.379	POR	
134	0.45	POR	
135	0.409	POR	
136	0.415	POR	
137	0.329	POR	
138	0.27	POR	
139	0.75	POR	
140	0.351	POR	
141	0.642	POR	
142	0.562	POR	
143	0.723	GRD	
144	0.606	GRD	
145	0.252	GRD	
146	0.461	GRD	
147	0.551	GRD	
148	0.511	GRD	
149	0.64	GRD	
150	0.607	GRD	
151	0.496	GRD	
152	17.3	GRD	
153	0.184	GRD	
154	0.19	GRD	
155	0.397	GRD	
156	0.256	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
157	0.888	GRD	
159	0.926	GRD	
160	0.656	GRD	
162	3.12	GRD	
163	0.63	GRD	
164	0.466	GRD	
165	0.542	GRD	
166	0.311	GRD	
167	0.224	GRD	
169	0.232	GRD	
170	1.04	GRD	
171	0.312	BXA	
172	0.382	BXA	
173	0.555	GRD	
174	0.576	QFP	
175	0.373	GRD	
176	0.414	POR	
178	0.451	POR	
179	0.283	POR	
180	0.287	POR	
181	0.27	POR	
182	0.257	POR	
183	0.272	POR	
184	0.293	POR	
185	0.327	POR	
187	0.28	GRD	
188	0.547	POR	
190	0.225	POR	
191	0.24	POR	
192	0.267	POR	
193	0.305	POR	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
194	0.273	POR	
195	0.307	POR	
196	0.278	POR	
197	0.299	POR	
198	0.315	POR	
199	0.286	POR	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382128	6889873	1360.98	114.91

ZONE: Central BRX

SECTION:

HOLE: KL-14-165

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jul 02 - Jul 04, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
114.9	35.14	-50	Calculated

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	0.8	0.8	CAS
0.8	69.52	68.72	GRD
69.52	80.17	10.65	GRD
80.17	80.9	0.73	BXA
80.9	84.3	3.4	QFP
84.3	85.4	1.1	VEN
85.4	87.95	2.55	QFP
87.95	114.91	26.96	GRD

SAMPLES	
Numbers:	Q016836 to Q016845, Q924930 to Q924950, Q925351 to Q925354
Total:	39
Batch:	049, 051, 052, 061
Certificates:	WH14104753, WH14105960, WH14105962, WH14107836, WH14115441

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-165

Klaza
entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	0.08	3.96
2	3.96	6.98
3	6.98	9.7
4	9.7	12.4
5	12.4	16.18
6	16.18	19.15
7	19.15	22.58
8	22.58	25.61
9	25.61	28.22
10	28.22	30.82
11	30.82	33.84
12	33.84	37.14
13	37.14	40.21
14	40.21	42.92
15	42.92	45.87
16	45.87	48.97
17	48.97	52.2
18	52.2	55.28
19	55.28	58.5
20	58.5	61.63
21	61.63	64.8
22	64.8	67.9
23	67.9	70.8
24	70.8	73.93
25	73.93	76.97
26	76.97	79.94
27	79.94	82.8
28	82.8	85.73
29	85.73	88.69
30	88.69	92.1
31	92.1	95.35
32	95.35	98.58
33	98.58	101.75
34	101.75	104.93
35	104.93	108.25
36	108.25	111.34
37	111.34	114.46
38	114.46	114.91

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-165									
	18.39	16.3	HQ	GRD	1259.6	794.5	2.64	2.7	Moderate to strongly silicified calcite-ankerite breccia with goethite and limonite. Moderate oxidation.
	25.29	16.1	HQ	GRD	1428	929.5	3.03	2.9	Moderate phyllic altered, moderately silicified granodiorite with 40 degree clear and milky quartz veins. Weak oxidation and goethite and limonite on fracture surfaces.
	38.98	6.3	HQ	GRD	572.8	371.3	3.11	2.8	Banded smoky, clear quartz-ankerite-calcite vein with 2 generations of veining. Ankerite-calcite zoning and weak oxidation.
	59.85	4.1	HQ	GRD	328.6	227.9	2.74	3.3	Banded quartz-ankerite-calcite with blebby and disseminated pyrite. Core is gougy.
	71.19	13.2	HQ	GRD	1082.9	689.7	2.81	2.8	Strong propalytic altered, weakly silicified granodiorite with disseminated pyrite.
	80.56	14.6	HQ	BXA	1346.4	868.9	3.16	2.8	Moderately silicified ankerite breccia zoning of quartz colouration.
	84.26	16.1	HQ	QFP	1932.7	1415.8	4.11	3.7	2/3 massive poyrite with blebby clear quartz and stringers of smoky quartz. 1/3 gougy ankerite breccia with blebby pyrite and swirling banded textures.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	85.24	13.2	HQ	VEN	1574.3	1168.5	4.08	3.9	Milky quartz vein with semi-massive to blebby pyrite with smoky quartz stringers and trace gouge on fracture surfaces. Blebby chalcopyrite.
	86.47	11.3	HQ	QFP	969.4	581.2	2.94	2.5	Brick red quartz feldspar dyke with weak phyllic alteration.
	87.96	19.5	HQ	GRD	1800	1195	3.16	3.0	Milky quartz vein with stringers, veinlets and blebbs of pyrite, sphalerite and arsenopyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.80	9.22	8.42	GRD	MG	Granodiorite with pervasive silicification, patchy argillic, patchy propylitic, and fracture-associated oxidation. Stronger argillic with oxidation in vein halos.							
						MD	GY	PA	OXI	2I	Li	2
						LT	BN		SIL	2I		
									ARG	2I		
									PRO	1I		
9.22	10.23	1.01	GRD	MG	Oxidized argillic vein halo with 65 TCA massive quartz veins with trace disseminated pyrite.							
						MD	BN		OXI	3I	Li	10
									ARG	3I		
10.23	13.66	3.43	GRD	MG	Granodiorite with pervasive silicification, patchy argillic, patchy propylitic, and fracture-associated oxidation. Stronger argillic with oxidation in vein halos.							
						MD	GY	PA	OXI	2I	Li	3
						LT	BN		SIL	2I		
									ARG	1I		
									PRO	1I		
13.66	27.36	13.70	GRD	MG	Oxidized argillic vein halo with 75 TCA massive smoky quartz veins, 40 TCA banded-colloform quartz-ankerite veins, white quartz-ankerite veinlets, and a quartz-carbonate breccia at 18.21-18.51m.							
						MD	BN		OXI	3I	Li	8
									ARG	3I		
27.36	29.30	1.94	GRD	MG	Rubbly, fractured, crumbled, strongly oxidized argillic granodiorite.							
						MD	BN	RB	OXI	4I	Li	10
						MD	OR	FR	ARG	3I		
29.30	38.48	9.18	GRD	MG	Granodiorite with pervasive silicification, patchy argillic, patchy propylitic, and fracture-associated oxidation. Stronger argillic with oxidation in vein halos.							
						MD	GN	PA	OXI	2I	Li	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	BN		SIL	2I		
									PRO	1I		
									PHC	2I		
									ARG	1I		
38.48	39.87	1.39	GRD	MG	Patches of moderate phyllic with a banded-colloform white-smoky quartz-ankerite vein.							
						LT	GN		OXI	1I	Li	1
									SIL	1I		
									PHC	3I		
									ARG	2I		
39.87	56.48	16.61	GRD	MG	Granodiorite with pervasive silicification, patchy argillic, patchy propylitic, and fracture-associated oxidation. Stronger argillic with oxidation in vein halos.							
						MD	GY	PA	OXI	1I		
						LT	BN		SIL	2I		
									ARG	2I		
									PRO	1I		
56.48	58.04	1.56	GRD	MG	Pervasive phyllic to argillic vein halo with several 50 TCA quartz veins.							
						MD	GY		PHC	3I		
						LT	GN		ARG	2I		
58.04	69.52	11.48	GRD	MG	Granodiorite with weak-moderate pervasive propylitic/silicification, patchy potassic, and phyllic to argillic vein halos.							
						MD	GY	PA	SIL	1I		
						LT	GN	PO	PRO	3I		
						LT	PK		PHC	1I		
									POT	2I		
									ARG	1I		
69.52	73.62	4.10	GRD	MG	Granodiorite with pervasive argillic and propylitic with patchy silicification and potassic.							
						MD	GY		POT	2I		
						LT	PK		SIL	2I		
						LT	GN		PRO	1I		
									ARG	2I		
73.62	77.56	3.94	GRD	MG	Pervasive moderate-strong propylitic with trace argillic and pyrite on some fractures.							
						MD	OL	PA	SIL	1I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PRO	4I		
									ARG	1I		
									POT	1I		
77.56	80.17	2.61	GRD	MG	Pervasive argillic-phyllic with patchy silicification and propylitic alteration.							
						MD	GY		PRO	1I		
						LT	GN		SIL	2I		
									ARG	2I		
									PHC	2I		
80.17	80.90	0.73	BXA	FG	Tan ankerite breccia with fragments of smoky quartz with blebby pyrite and milky quartz. Ankerite can be banded near fragments. 80.70-80.90m is a mixed, irregular smoky quartz vein with ankerite veinlets and pyrite.							
						MD	TN	BX	SIL	2I	Py	5
						MD	GY				Ak	90
80.90	84.30	3.40	QFP	FG	70 TCA gouged top contact, 60 TCA blended bottom contact. Quartz feldspar porphyry dyke with clay alteration along netted cracks.							
						MD	OL	CR	SIL	3I		
						LT	GY		HYD	4I		
									CLY	2I		
84.30	85.40	1.10	VEN	FG	Massive pyrite-white quartz vein cut by smoky quartz breccia and occasional ankerite veinlets. Hosts blebby honey brown sphalerite and galena.							
						MD	BR		PHC	3I	Gn	3
						DK	GY		SIL	3I	Py	30
											Sp	2
											Ja	2
85.40	87.95	2.55	QFP	FG	70 TCA gouged top and bottom contacts. Medium pink quartz feldspar porphry dyke with clay along netted cracks.							
						MD	PK	CR	SIL	1I		
									HYD	4I		
									CLY	2I		
87.95	88.20	0.25	VEN	FG	Massive white quartz vein with blebby pyrite and honey brown sphalerite.							
						MD	BR		PHC	3I	Sp	15

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY		SIL	3I	Py	15
88.20	114.91	26.71	GRD	MG	Granodiorite with pervasive silicification and propylitic, patchy potassic, and phyllic-argillic vein halos.							
						MD	GY	PA	SIL	3I		
						LT	GN		PRO	2I		
									ARG	1I		
									POT	2I		
									PHC	2I		

KL-14-165

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.80	69.52	68.72	GRD	MG	Granodiorite with pervasive silicification, patchy argillic, patchy propylitic, and fracture-associated oxidation. Stronger argillic with oxidation in vein halos.							
						LT	BN		SIL	2I		
									ARG	2I		
									PRO	1I		
						MD	GY	PA	OXI	2I	Li	2
69.52	80.17	10.65	GRD	MG	Pervasive moderate-strong propylitic with trace argillic and pyrite on some fractures.							
									ARG	1I		
						MD	OL	PA	SIL	1I	Py	1
									POT	1I		
						LT	GN		PRO	4I		
80.17	80.90	0.73	BXA	FG	Tan ankerite breccia with fragments of smoky quartz with blebby pyrite and milky quartz. Ankerite can be banded near fragments. 80.70-80.90m is a mixed, irregular smoky quartz vein with ankerite veinlets and pyrite.							
						MD	GY				Ak	90
						MD	TN	BX	SIL	2I	Py	5
80.90	84.30	3.40	QFP	FG	70 TCA gouged top contact, 60 TCA blended bottom contact. Quartz feldspar porphyry dyke with clay alteration along netted cracks.							
						LT	GY		HYD	4I		
						MD	OL	CR	SIL	3I		
									CLY	2I		
84.30	85.40	1.10	VEN	MG	Massive pyrite-white quartz vein cut by smoky quartz breccia and occasional ankerite veinlets. Hosts blebby honey brown sphalerite and galena.							
						DK	GY		SIL	3I	Py	30
						MD	BR		PHC	3I	Gn	3
											Sp	2
											Ja	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
85.40	87.95	2.55	QFP	FG	70 TCA gouged top and bottom contacts. Medium pink quartz feldspar porphry dyke with clay along netted cracks.							
									CLY	2I		
									HYD	4I		
						MD	PK	CR	SIL	1I		
87.95	114.91	26.96	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic alteration. 87.95-88.20m is a pyrite and sphalerite rich BRX vein.							
						MD	GY		PRO	2I		
						MD	GN		POT	3I		
						LT	PK	PA	SIL	3I		

KL-14-165

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	0.80	0.80	0	0	0.00	0	--	--	--	
0.80	2.13	1.33	1.3	98	0.47	35	--	4H	5W	
2.13	5.18	3.05	2.38	78	0.74	24	--	4H	2W	
5.18	8.23	3.05	2.92	96	2.24	73	--	4H	2W	
8.23	11.27	3.04	2.72	89	1.58	52	--	4H	3W	
11.27	14.32	3.05	3.05	100	1.78	58	--	3H	2W	
14.32	17.37	3.05	2.75	90	2.21	72	--	3H	2W	
17.37	20.42	3.05	2.8	92	1.51	50	--	3H	3W	
20.42	23.47	3.05	2.86	94	2.23	73	--	3H	2W	
23.47	26.52	3.05	3.05	100	1.82	60	--	3H	2W	
26.52	29.56	3.04	2.88	95	0.54	18	--	1H	4W	
29.56	32.61	3.05	3.05	100	2.06	68	--	4H	2W	
32.61	35.66	3.05	2.96	97	2.21	72	--	4H	2W	
35.66	38.71	3.05	2.92	96	2.11	69	--	4H	2W	
38.71	41.76	3.05	3.05	100	1.84	60	--	3H	2W	
41.76	44.81	3.05	3.05	100	1.26	41	--	4H	2W	
44.81	47.85	3.04	3.04	100	2.59	85	--	4H	2W	
47.85	50.90	3.05	2.99	98	2.01	66	--	4H	1W	
50.90	53.95	3.05	3.05	100	2.72	89	--	4H	1W	
53.95	57.00	3.05	2.96	97	1.45	48	--	4H	1W	
57.00	60.05	3.05	3.05	100	2.42	79	--	3H	1W	
60.05	63.09	3.04	3.01	99	2.32	76	--	4H	1W	
63.09	66.14	3.05	2.93	96	2.39	78	--	4H	1W	
66.14	69.19	3.05	2.9	95	2.35	77	--	4H	1W	
69.19	72.24	3.05	2.85	93	1.79	59	--	3H	1W	
72.24	75.29	3.05	2.99	98	2.05	67	--	3H	1W	
75.29	78.33	3.04	2.95	97	0.94	31	--	3H	1W	
78.33	81.38	3.05	3.05	100	1.80	59	--	3H	1W	
81.38	84.43	3.05	2.9	95	1.04	34	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
84.43	87.48	3.05	3	98	1.16	38	--	3H	1W	
87.48	90.53	3.05	2.95	97	1.96	64	--	4H	1W	
90.53	93.58	3.05	3.03	99	2.38	78	--	4H	1W	
93.58	96.62	3.04	2.97	98	2.51	83	--	4H	1W	
96.62	99.66	3.04	3	99	1.44	47	--	4H	1W	
99.66	102.71	3.05	2.96	97	2.38	78	--	3H	1W	
102.71	105.76	3.05	2.86	94	2.32	76	--	4H	1W	
105.76	108.81	3.05	2.98	98	2.56	84	--	4H	1W	
108.81	111.86	3.05	2.99	98	2.36	77	--	3H	1W	
111.86	114.91	3.05	2.9	95	2.39	78	--	4H	1W	

KL-14-165

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
1	18	GRD	
2	18.2	GRD	
3	15.1	GRD	
4	16.4	GRD	
5	11.8	GRD	
6	17	GRD	
7	16.1	GRD	
8	7.31	GRD	
9	16.2	GRD	
10	10.4	GRD	
11	14.5	GRD	
12	0.441	GRD	
13	0.808	GRD	
14	0.639	GRD	
15	11.8	GRD	
16	0.428	GRD	
17	0.588	GRD	
18	0.269	GRD	
19	0.304	GRD	
20	1.9	GRD	
21	3.63	GRD	
22	2.41	GRD	
23	0.302	GRD	
24	0.566	GRD	
25	0.341	GRD	
26	0.353	GRD	
27	0.287	GRD	
28	4.17	GRD	
30	0.444	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	0.66	GRD	
32	13.3	GRD	
33	6.46	GRD	
34	7.88	GRD	
35	1.83	GRD	
36	10.4	GRD	
37	5.91	GRD	
38	6.02	GRD	
39	0.632	GRD	
40	2.47	GRD	
41	5.87	GRD	
42	8.16	GRD	
43	17.2	GRD	
44	16.3	GRD	
45	15	GRD	
46	18.4	GRD	
47	24.8	GRD	
48	25	GRD	
49	18.7	GRD	
50	22.2	GRD	
51	19	GRD	
52	12.2	GRD	
53	22.2	GRD	
54	20	GRD	
55	0.27	GRD	
56	0.339	GRD	
57	0.276	GRD	
58	2.8	GRD	
59	0.639	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	6.14	GRD	
61	7.01	GRD	
62	1.18	GRD	
63	0.967	GRD	
64	19.8	GRD	
65	9.85	GRD	
66	14	GRD	
67	3.99	GRD	
68	0.354	GRD	
69	0.546	GRD	
70	0.302	GRD	
71	0.703	GRD	
72	0.394	GRD	
73	0.863	GRD	
74	21.9	GRD	
75	0.483	GRD	
77	11.3	GRD	
78	12.2	GRD	
79	0.757	GRD	
80	0.479	GRD	
81	0.304	QFP	
82	0.401	QFP	
83	0.324	QFP	
84	0.244	QFP	
85	0.248	VEN	
86	0.341	QFP	
87	0.369	QFP	
88	1.09	GRD	
89	8.53	GRD	
90	15.8	GRD	
91	12	GRD	
92	0.341	GRD	
93	0.838	GRD	
94	11.3	GRD	
95	18.1	GRD	
96	19.4	GRD	
97	0.964	GRD	
98	0.342	GRD	
99	1.96	GRD	
100	16.8	GRD	
101	1.36	GRD	
102	0.656	GRD	
103	18.2	GRD	
104	21.3	GRD	
105	0.703	GRD	
106	18.2	GRD	
107	0.494	GRD	
108	5.33	GRD	
109	18.7	GRD	
110	6.09	GRD	
111	11.5	GRD	
112	3.47	GRD	
113	20.2	GRD	
114	20.4	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382727	6890554	1339.34	129.54

ZONE: Central Klaza

SECTION:

HOLE: KL-14-166

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 04 - Jul 05, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
129.54	35.16	-50.4	Calculated

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.57	4.57	CAS
4.57	12.88	8.31	GRD
12.88	16.49	3.61	GRD
16.49	26.14	9.65	QFP
26.14	36.01	9.87	GRD
36.01	51.51	15.5	GRD
51.51	57.88	6.37	QFP
57.88	65.83	7.95	GRD
65.83	108.2	42.37	GRD
108.2	129.54	21.34	GRD

SAMPLES	
Numbers:	Q925355 to Q925417
Total:	65
Batch:	051, 055
Certificates:	WH14105962, WH14105967, WH14115441

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-166

Klaza
ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.65	6.3
2	6.3	9.15
3	9.15	11.9
4	11.9	14.77
5	14.77	17.85
6	17.85	21.09
7	21.09	25.91
8	25.91	29.8
9	29.8	32.67
10	32.67	35.45
11	35.45	38.35
12	38.35	41.25
13	41.25	44.2
14	44.2	47.24
15	47.24	50.29
16	50.29	53.47
17	53.47	56.39
18	56.39	59.22
19	59.22	62.42
20	62.42	65.43
21	65.43	68.49
22	68.49	71.63
23	71.63	74.8
24	74.8	77.72
25	77.72	80.82
26	80.82	83.82
27	83.82	86.87
28	86.87	89.77
29	89.77	92.67
30	92.67	95.62
31	95.62	98.68
32	98.68	101.65
33	101.65	104.8
34	104.8	107.67
35	107.67	110.87
36	110.87	113.9
37	113.9	116.63
38	116.63	119.43
39	119.43	122.5
40	122.5	125.37
41	125.37	128.23
42	128.23	129.54

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-166									
	32.71		HQ	GRD	370.2	257.1	3.08	3.3	Moderate phyllic altered granodiorite with moderate silicification. Cut by 1 centimeter 70 degree semi-massive galena with blebby sphalerite and quartz.
	40.29	10.7	HQ	GRD	881.5	550.3	2.82	2.7	Weak phyllic altered granodiorite with trace pottassic overprint, strong silicification and moderate chlorification.
	49.07	13.3	HQ	GRD	1240.1	831.5	3.19	3.0	Moderate propalytic altered granodiorite with strong silicification. Contains 3 centimeter mineralized quartz vein with banded galena, intermixed arsenopyrite and jamesonite, galena and ankerite. Also contains a 1 centimeter quartz-ankerite-calcite breccia with disseminated and blebby galena and pyrite.
	62.68	10.2	HQ	GRD	865.4	546.1	2.9	2.7	Breccia with patchy granodiorite. Granodiorite is Weak phyllic altered with moderate propalytic overprint and moderate silicification. Blebby sphalerite, arsenopyrite and galena in smoky quartz clasts.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	70.93	9.1	HQ	GRD	879.2	597	3.31	3.1	Moderate phyllic altered granodiorite with moderate propalytic overprint and weak silicification. Cut by 50 degre mineralized ankerite-quartz vein with zoned ankerite-sphalerite-galena grains and blebby galena, sphalerite, pyrite, ankerite and calcite.
	94.04		HQ	GRD	816.8		2.84		Smoky quartz-ankerite-calcite breccia with blebbs, stringers, and veinlets of ankerite and calcite in smoky quartz matrix.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	4.57	4.57	CAS	--	No recovery until 3.65m. 3.65m-4.57m is as at 4.57-12.88m.							
						MD	BN	PA	OXI	3I		
						LT	GN		SIL	1I		
									ARG	3I		
									PHC	2I		
4.57	12.88	8.31	GRD	MG	Granodiorite with pervasive oxidation, patchy silicification, and vein-associated phyllic to argillic vein halos. Cut by massive calcite veins with strong oxidation on fractures.							
						MD	BN	PA	OXI	3I	Li	10
						LT	GN		SIL	1I		
									ARG	3I		
									PHC	2I		
12.88	16.49	3.61	GRD	MG	Rubbly, sharp contact with quartz feldspar porphyry. Moderate phyllic and argillic altered granodiorite with white-smoky quartz veins and disseminated pyrite. Groundmass is softened, with rare patchy silicification. Oxidation on fractures.							
						LT	GN	PA	OXI	2I	Py	1
						LT	GY	FR	SIL	1I	Li	3
									ARG	3I		
									PHC	3I		
16.49	23.28	6.79	QFP	FG	Maroon quartz feldspar porphryr dyke with pervasive hydrothermal alteration and argillic altered phenocrysts. 80 sharp chilled bottom contact.							
						MD	MR	PO	OXI	1I		
									ARG	2I		
									HYD	3I		
23.28	26.14	2.86	QFP	FG	Clay altered phyllic quartz feldspar porphyry dyke at contact with granodiorite.							
						LT	GN	PO	CLY	2I		
									PHC	2I		
26.14	36.01	9.87	GRD	MG	Patchy phyllic, argillic, silicification, and propylitic altered granodiorite.							
						LT	GN	PA	SIL	1I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	2I		
									PRO	2I		
									ARG	2I		
36.01	51.51	15.50	GRD	MG	Granodiorite with patchy sililicification, pervasive propylite, potassic, and argillic alterations. 40 TCA sharp bottom contact. Minor smoky quartz breccia at contact.							
						MD	GN	PA	SIL	3I		
						MD	PK	MO	PRO	3I		
									ARG	1I		
									POT	3I		
51.51	57.88	6.37	QFP	FG	Quartz feldspar porphyry with olive-maroon colouration. 75 TCA bottom contact.							
						MD	OL	PO	SIL	1I		
						MD	MR		HYD	3I		
									ARG	2I		
57.88	65.83	7.95	GRD	MG	Granodiorite with pervasive propylitic and patchy potassic and silicification. Phyllic to argillic alteration in vein halos. Cut by breccias between 61-63m.							
						MD	GN		PRO	3I		
						LT	WH	PA	SIL	2I		
						LT	PK		ARG	2I		
									POT	2I		
									PHC	3I		
65.83	80.53	14.70	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic/silicification, and phyllic to argillic in vein halos.							
						LT	WH	PA	SIL	1I		
						LT	PK		ARG	3I		
						LT	GN		PRO	2I		
									POT	2I		
									PHC	3I		
80.53	83.82	3.29	GRD	MG	Stronger propylitic, potassic, and silicification.							
						MD	GN	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	3I		
									PRO	3I		
									ARG	1I		
83.82	108.20	24.38	GRD	MG	Granodiorite with pervasive moderate phyllic and patchy argillic. Cut by several well mineralized veins with galena, sphalerite, pyrite, and arsenopyrite.							
						MD	GN		ARG	3I		
						LT	GN	PA	PHC	3I		
108.20	129.54	21.34	GRD	MG	Mottled pink-green due to pervasive propylitic and potassic alteration. Pervasive silicification overprint.							
						MD	PK	PA	PRO	2I		
						MD	GN	MO	SIL	3I		
									ARG	1I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	4.57	4.57	CAS	--	No recovery until 3.65m. 3.65m-4.57m is as at 4.57-12.88m.							
						MD	BN	PA	OXI	3I		
						LT	GN		SIL	1I		
									ARG	3I		
									PHC	2I		
4.57	12.88	8.31	GRD	MG	Granodiorite with pervasive oxidation, patchy silicification, and vein-associated phyllic to argillic vein halos. Cut by massive calcite veins with strong oxidation on fractures.							
						MD	BN	PA	OXI	2I	Li	10
						LT	GN	FR	SIL	1I		
									PHC	3I		
									ARG	3I		
12.88	16.49	3.61	GRD	MG	Rubbly, sharp contact with quartz feldspar porphyry. Moderate phyllic and argillic altered granodiorite with white-smoky quartz veins and disseminated pyrite. Groundmass is softened, with rare patchy silicification. Oxidation on fractures.							
									PHC	3I		
						LT	GY	FR	SIL	1I		
									ARG	3I		
						LT	GN	PA	OXI	2I		
16.49	26.14	9.65	QFP	FG	Maroon quartz feldspar porphryr dyke with pervasive hydrothermal alteration and argillic altered phenocrysts. 80 sharp chilled bottom contact.							
									ARG	2I		
									HYD	3I		
						MD	MR	PO	OXI	1I		
26.14	36.01	9.87	GRD	MG	Patchy phyllic, argillic, silicification, and propylitic altered granodiorite.							
						LT	GN	PA	SIL	1I	Py	1
									PHC	2I		
									PRO	2I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
36.01	51.51	15.50	GRD	MG	Granodiorite with patchy silicification, pervasive propylite, potassic, and argillic alterations. 40 TCA sharp bottom contact. Minor smoky quartz breccia at contact.							
									ARG	1I		
									POT	3I		
						MD	PK	MO	PRO	3I		
						MD	GN	PA	SIL	3I		
51.51	57.88	6.37	QFP	FG	Quartz feldspar porphyry with olive-maroon colouration. 75 TCA bottom contact.							
						MD	OL	PO	SIL	1I		
									ARG	2I		
						MD	MR		HYD	3I		
57.88	65.83	7.95	GRD	MG	Granodiorite with pervasive propylitic and patchy potassic and silicification. Phyllic to argillic alteration in vein halos. Cut by breccias between 61-63m.							
									ARG	2I		
									POT	2I		
						LT	WH	PA	SIL	2I		
						MD	GN		PRO	3I		
									PHC	3I		
65.83	108.20	42.37	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic/silicification, and phyllic to argillic in vein halos.							
									PHC	3I		
						LT	PK		ARG	3I		
						LT	GN		PRO	2I		
						LT	WH	PA	SIL	1I		
									POT	2I		
108.20	129.54	21.34	GRD	MG	Mottled pink-green due to pervasive propylitic and potassic alteration. Pervasive silicification overprint.							
						MD	GN	MO	SIL	3I		
						MD	PK	PA	PRO	2I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	1I		

KL-14-166

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.65	3.65	0	0	0.00	0	--	--	--	
3.65	4.57	0.92	0.8	87	0.41	45	--	3H	3W	
4.57	7.62	3.05	2.35	77	0.62	20	--	3H	3W	
7.62	10.67	3.05	2.67	88	0.40	13	--	3H	3W	
10.67	13.72	3.05	2.7	89	1.08	35	--	3H	3W	
13.72	16.76	3.04	2.1	69	0.25	8	--	2H	2W	
16.76	19.81	3.05	2.82	92	2.33	76	--	3H	2W	
19.81	22.86	3.05	2.55	84	1.40	46	--	4H	3W	
22.86	25.91	3.05	0.66	22	0.00	0	--	2H	2W	
25.91	28.96	3.05	1.6	52	0.15	5	--	3H	1W	
28.96	32.00	3.04	2.5	82	1.05	35	--	2H	1W	
32.00	35.05	3.05	2.6	85	0.00	0	--	3H	1W	
35.05	38.10	3.05	2.47	81	0.91	30	--	4H	1W	
38.10	41.15	3.05	2.54	83	0.96	31	--	4H	1W	
41.15	44.20	3.05	2.51	82	1.19	39	--	4H	1W	
44.20	47.24	3.04	2.76	91	1.61	53	--	4H	1W	
47.24	50.29	3.05	2.8	92	1.60	52	--	4H	1W	
50.29	53.34	3.05	2.39	78	0.49	16	--	3H	1W	
53.34	56.39	3.05	2.42	79	0.99	32	--	3H	1W	
56.39	59.44	3.05	2.36	77	1.02	33	--	3H	1W	
59.44	62.48	3.04	2.73	90	1.23	40	--	3H	1W	
62.48	65.53	3.05	2.7	89	1.05	34	--	4H	1W	
65.53	68.58	3.05	2.92	96	1.62	53	--	4H	1W	
68.58	71.63	3.05	2.95	97	1.34	44	--	4H	1W	
71.63	74.68	3.05	2.91	95	1.80	59	--	3H	1W	
74.68	77.72	3.04	2.82	93	1.01	33	--	3H	1W	
77.72	80.77	3.05	2.93	96	1.88	62	--	3H	1W	
80.77	83.82	3.05	2.72	89	1.50	49	--	3H	1W	
83.82	86.87	3.05	2.57	84	0.61	20	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.96	97	0.89	29	--	3H	1W	
89.92	92.96	3.04	2.98	98	0.97	32	--	3H	1W	
92.96	96.01	3.05	2.82	92	1.56	51	--	3H	1W	
96.01	99.06	3.05	2.85	93	1.66	54	--	3H	1W	
99.06	102.11	3.05	2.93	96	1.76	58	--	3H	1W	
102.11	105.16	3.05	3.01	99	1.78	58	--	3H	1W	
105.16	108.20	3.04	2.7	89	1.65	54	--	3H	1W	
108.20	111.25	3.05	2.84	93	1.75	57	--	4H	1W	
111.25	114.30	3.05	2.85	93	1.32	43	--	4H	1W	
114.30	117.35	3.05	2.45	80	1.05	34	--	3H	1W	
117.35	120.40	3.05	2.95	97	1.13	37	--	3H	1W	
120.40	123.44	3.04	2.85	94	1.30	43	--	4H	1W	
123.44	126.49	3.05	3.04	100	0.85	28	--	4H	1W	5 degree joints pervasive.
126.49	129.54	3.05	2.84	93	1.71	56	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	0.179	CAS	
4	0.28	CAS	
5	0.342	GRD	
6	0.438	GRD	
7	0.299	GRD	
8	0.287	GRD	
9	0.79	GRD	
10	1.32	GRD	
11	0.468	GRD	
12	0.403	GRD	
13	0.634	GRD	
14	0.407	GRD	
15	0.288	GRD	
16	0.289	GRD	
17	0.26	QFP	
18	0.484	QFP	
19	0.26	QFP	
20	0.348	QFP	
21	0.387	QFP	
22	0.249	QFP	
25	0.273	QFP	
26	0.652	QFP	
28	0.37	GRD	
29	0.365	GRD	
30	0.307	GRD	
31	4.51	GRD	
32	0.181	GRD	
34	0.707	GRD	
35	0.528	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
36	0.456	GRD	
37	9.95	GRD	
38	14.6	GRD	
39	29.3	GRD	
40	31.4	GRD	
41	21.3	GRD	
42	21.1	GRD	
43	19.3	GRD	
44	3.97	GRD	
45	21.9	GRD	
46	4.44	GRD	
47	2.1	GRD	
48	6.58	GRD	
49	0.477	GRD	
50	0.556	GRD	
51	0.644	GRD	
52	0.317	QFP	
53	0.265	QFP	
54	0.3	QFP	
55	0.263	QFP	
56	0.346	QFP	
57	0.243	QFP	
58	0.348	GRD	
59	0.74	GRD	
60	0.814	GRD	
61	0.294	GRD	
62	0.475	GRD	
63	0.391	GRD	
64	3.04	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
65	0.315	GRD	
66	0.423	GRD	
67	0.576	GRD	
68	0.336	GRD	
69	0.346	GRD	
70	0.359	GRD	
71	0.305	GRD	
72	0.41	GRD	
73	0.339	GRD	
74	0.43	GRD	
75	0.349	GRD	
76	0.488	GRD	
77	0.423	GRD	
78	0.291	GRD	
79	0.327	GRD	
80	0.241	GRD	
81	1.33	GRD	
82	0.434	GRD	
83	0.505	GRD	
84	0.605	GRD	
85	0.379	GRD	
86	0.48	GRD	
87	0.443	GRD	
88	0.41	GRD	
89	0.841	GRD	
90	0.58	GRD	
91	0.357	GRD	
92	0.534	GRD	
93	0.408	GRD	
94	0.323	GRD	
95	0.356	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
96	0.449	GRD	
97	6.88	GRD	
98	0.626	GRD	
99	0.214	GRD	
100	0.369	GRD	
101	2.46	GRD	
102	0.253	GRD	
103	0.764	GRD	
104	0.315	GRD	
105	0.504	GRD	
106	0.623	GRD	
107	5.86	GRD	
108	2.92	GRD	
109	6.9	GRD	
110	22.4	GRD	
112	25.8	GRD	
113	24	GRD	
114	21.6	GRD	
115	26.6	GRD	
116	25.9	GRD	
117	28.6	GRD	
118	24.3	GRD	
119	23.1	GRD	
120	24.2	GRD	
121	21.4	GRD	
122	21.6	GRD	
123	15.5	GRD	
124	22.3	GRD	
127	19.4	GRD	
128	18.8	GRD	
129	19.8	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382088	6889818	1357.92	166.73

ZONE: Central BRX

SECTION:

HOLE: KL-14-167

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 04 - Jul 05, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
557	36.4	-49.5	Calculated

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.44	3.44	CAS
3.44	55.55	52.11	GRD
55.55	142	86.45	GRD
142	142.3	0.3	GRD
142.3	142.54	0.24	BXA
142.54	144.7	2.16	QFP
144.7	145.28	0.58	GRD
145.28	150.75	5.47	QFP
150.75	151.33	0.58	VEN
151.33	152.69	1.36	GRD
152.69	156.04	3.35	GRD
156.04	166.73	10.69	GRD

SAMPLES	
Numbers:	Q016850 to Q016857, Q925008 to Q925089
Total:	95
Batch:	053, 054, 056, 061
Certificates:	WH14105963, WH14105965, WH14105966, WH14107836

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-167

Klaza
entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.47	6.06
2	6.06	9
3	9	11.88
4	11.88	14.67
5	14.67	17.66
6	17.66	20.8
7	20.8	23.71
8	23.71	26.78
9	26.78	29.92
10	29.92	33
11	33	36.28
12	36.28	39.54
13	39.54	42.63
14	42.63	45.61
15	45.61	48.65
16	48.65	51.71
17	51.71	54.93
18	54.93	58.1
19	58.1	61.35
20	61.35	64.54
21	64.54	67.72
22	67.72	70.87
23	70.87	74
24	74	77.08
25	77.08	80.24
26	80.24	83.4
27	83.4	86.7
28	86.7	89.65
29	89.65	92.65
30	92.65	95.66
31	95.66	98.62
32	98.62	101.78
33	101.78	104.85
34	104.85	107.45
35	107.45	110.9
36	110.9	113.93
37	113.93	116.97
38	116.97	119.83
39	119.83	122.72
40	122.72	125.14
41	125.14	128.9
42	128.9	131.97
43	131.97	134.91
44	134.91	137.84
45	137.84	141.06
46	141.06	144.13
47	144.13	147.39
48	147.39	150.33
49	150.33	153.31
50	153.31	156.38
51	156.38	159.53
52	159.53	162.58
53	162.58	165.71
54	165.71	166.73

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-167									
	31.06	15.5	HQ	GRD	1242.4	763	2.74	2.6	Moderate argillic altered granodiorite with trace phyllic overprint, weak silicification and weak oxidation.
	75.29	10.2	HQ	GRD	799.7	484.2	2.68	2.5	Moderate argillic altered granodiorite with weak phyllic overprint and weak silicification.
	88.18	11.7	HQ	GRD	1004	633.5	2.94	2.7	Weak phyllic altered granodiorite with weak propalytic. Cut by 60 degree banded mineralized ankerite-quartz-calcite 1 centimeter vein with 0.2 centimeter pyrite bands.
	98.46	16.2	HQ	GRD	1365.4	849	2.88	2.6	Moderate phyllic altered granodiorite with trace propalytic overprint, weak chloritization and weak silicification.
	116.6	11.9	HQ	GRD	968.1	586.4	2.78	2.5	Moderate argillic altered granodiorite with weak pottassic overprint, weak chloritized and weak silicification.
	142.34	20.02	HQ	BXA	2056.1	1411.2	3.51	3.2	Mineralized vuggy smoky quartz-calcite-ankerite breccia with clasts semi-massive and blebby galena, sphalerite and pyrite. Cut by 6 centimeter semi-massive galena and milky quartz vein with stringers ankerite, blebby and disseminated pyrite and sphalerite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	144.58	16.4	HQ	QFP	1438.6	913.4	3	2.7	Mineralized gougy granodiorite with some brecciated textures. Disseminated pyrite, galena. 1 centimeter gougy quartz feldspar dyke granodiorite contact.
	150.85	20.2	HQ	VEN	2667.7	1949.2	4.52	3.7	Mineralized smoky, milky quartz vein with 60 degree 5mm ankerite veinlets. Semi-massive, blebby and disseminated pyrite and banded arsenopyrite/jamesonite and galena plus blebby sphalerite. Disseminated galena, arsenopyrite, pyrite and sphalerite throughout.
	151.03	19	HQ	VEN	2480.5	1881.1	4.47	4.1	Mineralized milky quartz vein with pervasive semi-massive pyrite cut by smoky quartz stringers.

KL-14-167

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.44	20.22	16.78	GRD	MG	Unaltered granodiorite with moderately oxidized along fracture surface. Has small patches of strongly oxidized rubbly argillic altered granodiorite.							
						MD	OR					
						MD	GY		OXI	3I		
20.22	33.10	12.88	GRD	MG	Rubbly moderate to strongly oxidized argillic altered granodiorite with patch phyllic/silica alteration. Oxidation obscures rock textures.							
						MD	OR	PA	OXI	3I		
						LT	WH	RB	OXI	4I		
									SIL	3I		
									PHC	3I		
33.10	36.37	3.27	GRD	MG	Unaltered granodiorite with moderately oxidized along fracture surface. Has small patches of strongly oxidized rubbly argillic altered granodiorite.							
						MD	GY		OXI	3I		
						MD	OR					
36.37	44.24	7.87	GRD	MG	Moderately silicified phyllic/propyllitic alteration envelope around a quartz/white carbonate vein. Phyllic alteration transitions to moderate argillic alteration with a potassic overprint distally from vein.							
						MD	GN		PRO	2I		
						LT	GN	EN	PHC	3I		
									ARG	3I		
									POT	2I		
44.24	50.33	6.09	GRD	MG	Unaltered granodiorite with moderately oxidized along fracture surface. Has small patches of strongly oxidized rubbly argillic altered granodiorite.							
						MD	OR					
						MD	GY		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
50.33	52.15	1.82	GRD	MG	Weak potassic overprinted moderate argillic granodiorite with moderate silica/phyllic envelopes around quartz/carbonate veinlets.							
						MD	PK		ARG	3I		
						LT	WH	EN	SIL	3I		
						LT	GN		POT	2I		
									PHC	3I		
52.15	53.40	1.25	GRD	MG	Unaltered granodiorite with moderately oxidized along fracture surface. Has small patches of strongly oxidized rubbly argillic altered granodiorite.							
						MD	GY		OXI	3I		
						MD	OR					
53.40	55.55	2.15	GRD	MG	Weak potassic overprinted moderate argillic granodiorite with moderate silica/phyllic envelopes around quartz/carbonate veinlets.							
						MD	PK		ARG	3I		
						LT	WH		SIL	3I		
						LT	GN		POT	2I		
									PHC	3I		
55.55	57.60	2.05	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
57.60	58.67	1.07	GRD	MG	Weak potassic overprinted moderate argillic granodiorite with moderate silica/phyllic envelopes around quartz/carbonate veinlets.							
						MD	PK		ARG	3I		
						LT	GN		POT	2I		
						LT	WH		SIL	3I		
									PHC	3I		
58.67	73.90	15.23	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
73.90	75.29	1.39	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting multiple quartz/carbonate/sulphide veins.							
						MD	GN		SIL	3I		
						LT	GN		PHC	3I		
75.29	78.33	3.04	GRD	MG	Weak potassic overprinted moderate argillic granodiorite with moderate silica/phyllic envelopes around quartz/carbonate veinlets.							
						MD	PK		ARG	3I		
						LT	WH		SIL	3I		
						LT	GN		POT	2I		
									PHC	3I		
78.33	86.65	8.32	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
86.65	89.25	2.60	GRD	MG	Moderately silicified and phyllic altered granodiorite hosting multiple quartz/carbonate/sulphide veins.							
						MD	GN		SIL	3I		
						LT	GN		PHC	3I		
89.25	92.64	3.39	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
92.64	93.93	1.29	GRD	MG	Patchy propyllitic/potassic overprinted argillic and phyllic/propyllitic alteration. Hosts a large smokey quartz/white carbonate breccia.							
						MD	PK		POT	2I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
93.93	96.42	2.49	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
96.42	99.85	3.43	GRD	MG	Moderately silicified/phyllic altered granodiorite with small patches of moderate argillic/propyllitic/potassic altered granodiorite. Hosts an abundance of quartz/carbonate veins/veinlets, ~3-5 per meter.							
						MD	PK		PRO	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									POT	3I		
99.85	106.78	6.93	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
106.78	108.14	1.36	GRD	MG	Moderately silicified/phyllic altered granodiorite with small patches of moderate argillic/propyllitic/potassic altered granodiorite. Hosts an abundance of quartz/carbonate veins/veinlets, ~3-5 per meter.							
						MD	PK		PRO	3I		
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									POT	3I		
108.14	109.86	1.72	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
109.86	113.78	3.92	GRD	MG	Moderately silicified/phyllic altered granodiorite with small patches of moderate argillic/propyllitic/potassic altered granodiorite. Hosts an abundance of quartz/carbonate veins/veinlets, ~3-5 per meter.							
						MD	PK		PRO	3I		
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
113.78	116.45	2.67	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
116.45	119.65	3.20	GRD	MG	Moderately silicified/phyllic altered granodiorite with small patches of moderate argillic/potassic and weak propyllitic altered granodiorite. Hosts an abundance of quartz/carbonate veins/veinlets, ~1-2 per meter.							
						MD	PK		PRO	2I		
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									POT	3I		
119.65	127.00	7.35	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
127.00	127.57	0.57	GRD	MG	Moderately silicified/phyllic altered granodiorite with small patches of moderate argillic/potassic and weak propyllitic altered granodiorite. Hosts an abundance of quartz/carbonate veins/veinlets, ~1-2 per meter.							
						MD	PK		PRO	2I		
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									POT	3I		
127.57	142.00	14.43	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
142.00	142.30	0.30	GRD	MG	Moderate-strong phyllic/silica altered granodiorite. Strongly phyllic altered granodiorite hosts disseminated pyrite.							
						MD	GN		SIL	4I		
						MD	GY		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	3I		
									PHC	4I		
142.30	142.54	0.24	BXA	--	Smokey quartz breccia. Clasts are white carbonate and milky white quartz. Hosts disseminated to blebby pyrite, galena and sphalerite and disseminated arsenopyrite. Last 6 cm of interval are strongly/phyllic and silica altered granodiorite. Hosts disseminated pyrite.							
											Py	8
											Gn	20
											Sp	4
											As	2
142.54	144.70	2.16	QFP	FG	Grey/green quartz feldspar porphyry dyke. Upper contact with granodiorite is 2cm of gouge, no angle. Lower contact is partially gouge altered and undulating, no angle.							
						MD	GY	PO				
						MD	GN					
144.70	145.28	0.58	GRD	MG	Strongly silicified and phyllic altered granodiorite. Pervasively partially gouge altered. Hosts black sulphide stringers and disseminated pyrite.							
						MD	GN		PHC	3I		
						MD	GY		SIL	4I		
145.28	150.75	5.47	QFP	FG	Grey-orange/tan quartz feldspar porphyry dyke. Hosts white carbonate veinlets hosting disseminated galena(?), ~1 per meter. Upper contact with granodiorite is oriented at 60 degrees TCA. Lower dyke contact is obliterated by gouge alteration.							
						MD	TN					
						MD	OR					
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
150.75	151.33	0.58	VEN	--	Grey to smokey vein. Hosts blebby to semi-massive pyrite, disseminated to blebby sphalerite, galena and chalcopyrite and disseminated arsenopyrite and jamesonite. Vein is cross-cut by multiple white carbonate veinlets oriented at 65 degrees TCA. Galena, sphalerite, jamesonite and arsenopyrite are primarily located at the start of the vein, which is more heavily carbonate dominated.							
											Cp	1
											As	1
											Jm	1
											Sp	3
											Py	60
											Gn	3
151.33	152.69	1.36	GRD	MG	Moderately silicified, moderate to strongly phyllic altered granodiorite. Hosts disseminated pyrite and quartz/pyrite veins and stringers.							
						MD	GY		SIL	3I		
						MD	GN		PHC	3I		
						LT	WH		PHC	4I		
156.04	164.56	8.52	GRD	MG	Trace potassic and propyllitic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		
164.56	165.71	1.15	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/pyrite vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
165.71	166.73	1.02	GRD	MG	Trace potassic and propyllitic altered granodiorite.							
						MD	GY		POT	1I		
									PRO	1I		

KL-14-167

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.44	55.55	52.11	GRD	MG	Unaltered granodiorite with moderately oxidized along fracture surface. Has small patches of strongly oxidized rubbly argillic altered granodiorite.							
						MD	OR					
						MD	GY		OXI	3I		
55.55	142.00	86.45	GRD	MG	Trace propyllitic and potassic altered granodiorite.							
						MD	GY		PRO	1I		
									POT	1I		
142.00	142.30	0.30	GRD	MG	Moderate-strong phyllic/silica altered granodiorite. Strongly phyllic altered granodiorite hosts disseminated pyrite.							
									PHC	4I		
						LT	GN		SIL	3I	Py	1
						MD	GN		SIL	4I		
						MD	GY		PHC	3I		
142.30	142.54	0.24	BXA	MG	Smokey quartz breccia. Clasts are white carbonate and milky white quartz. Hosts disseminated to blebby pyrite, galena and sphalerite and disseminated arsenopyrite. Last 6 cm of interval are strongly/phyllic and silica altered granodiorite. Hosts disseminated pyrite.							
											As	2
											Sp	4
								BX			Py	8
											Gn	20
142.54	144.70	2.16	QFP	FG	Grey/green quartz feldspar porphyry dyke. Upper contact with granodiorite is 2cm of gouge, no angle. Lower contact is partially gouge altered and undulating, no angle.							
						MD	GY	PO				
						MD	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
144.70	145.28	0.58	GRD	MG	Strongly silicified and phyllic altered granodiorite. Pervasively partially gouge altered. Hosts black sulphide stringers and disseminated pyrite.							
						MD	GY		SIL	4I	Py	1
						MD	GN		PHC	3I		
145.28	150.75	5.47	QFP	FG	Grey-orange/tan quartz feldspar porphyry dyke. Hosts white carbonate veinlets hosting disseminated galena(?), ~1 per meter. Upper contact with granodiorite is oriented at 60 degrees TCA. Lower dyke contact is obliterated by gouge alteration.							
						MD	GY					
						MD	TN	PO				
						MD	OR					
150.75	151.33	0.58	VEN	MG	Grey to smokey vein. Hosts blebby to semi-massive pyrite, disseminated to blebby sphalerite, galena and chalcopyrite and disseminated arsenopyrite and jamesonite. Vein is cross-cut by multiple white carbonate veinlets oriented at 65 degrees TCA. Galena, sphalerite, jamesonite and arsenopyrite are primarily located at the start of the vein, which is more heavily carbonate dominated.							
											Py	60
											Gn	3
											Sp	3
											Cp	1
											As	1
											Jm	1
151.33	152.69	1.36	GRD	MG	Moderately silicified, moderate to strongly phyllic altered granodiorite. Hosts disseminated pyrite and quartz/pyrite veins and stringers.							
						MD	GY		SIL	3I		
						MD	GN		PHC	3I		
						LT	WH		PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
152.69	156.04	3.35	GRD	MG	Propyllitic and potassic overprinted moderately argillic altered granodiorite. Hosts multiple large moderately silicified phyllic envelopes around quartz pyrite veins.							
						MD	GN		SIL	3I		
						MD	PK		PHC	3I		
						LT	WH		ARG	3I		
						LT	GN		POT	3I		
									PRO	3I		
156.04	166.73	10.69	GRD	MG	Trace potassic and propyllitic altered granodiorite.							
									POT	1I		
						MD	GY		PRO	1I		

KL-14-167

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.47	3.47	0	0	0.00	0	--	--	--	
3.47	5.18	1.71	1.7	99	0.80	47	--	4H	2W	
5.18	8.22	3.04	2.93	96	1.49	49	--	4H	2W	
8.22	11.27	3.05	2.85	93	1.01	33	--	2H	4W	
11.27	14.32	3.05	3.05	100	0.93	30	--	4H	3W	
14.32	17.37	3.05	3.05	100	2.41	79	--	4H	3W	
17.37	20.42	3.05	2.99	98	1.22	40	--	4H	3W	
20.42	23.46	3.04	2.85	94	1.79	59	--	3H	4W	
23.46	26.51	3.05	2.81	92	0.79	26	--	2H	4W	Mostly Rubble
26.51	29.56	3.05	3.05	100	2.39	78	--	3H	3W	
29.56	32.61	3.05	3.05	100	2.20	72	--	3H	3W	
32.61	35.66	3.05	2.88	94	2.42	79	--	5H	2W	
35.66	38.71	3.05	3.01	99	2.80	92	--	4H	2W	
38.71	41.76	3.05	3	98	2.33	76	--	4H	2W	
41.76	44.81	3.05	2.73	90	0.97	32	--	3H	3W	
44.81	47.85	3.04	2.89	95	2.20	72	--	4H	1W	
47.85	50.90	3.05	2.95	97	2.30	75	--	3H	2W	
50.90	53.95	3.05	2.84	93	2.53	83	--	3H	1W	
53.95	57.00	3.05	3	98	2.72	89	--	3H	1W	
57.00	60.05	3.05	3.01	99	2.30	75	--	4H	1W	
60.05	63.09	3.04	3.04	100	2.15	71	--	4H	1W	
63.09	66.14	3.05	3.05	100	2.39	78	--	4H	1W	
66.14	69.19	3.05	3.05	100	2.01	66	--	4H	1W	
69.19	72.24	3.05	3.04	100	2.47	81	--	4H	1W	
72.24	75.29	3.05	3.04	100	2.56	84	--	4H	1W	
75.29	78.33	3.04	3.04	100	2.74	90	--	3H	1W	
78.33	81.38	3.05	3.05	100	2.64	87	--	4H	1W	
81.38	84.43	3.05	3.02	99	2.73	90	--	4H	1W	
84.43	87.48	3.05	3.05	100	2.97	97	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.9	95	1.60	52	--	3H	1W	
90.53	93.57	3.04	2.96	97	1.29	42	--	3H	1W	
93.57	96.62	3.05	3.05	100	1.90	62	--	4H	1W	
96.62	99.67	3.05	3.01	99	2.27	74	--	3H	1W	
99.67	102.72	3.05	3.05	100	2.66	87	--	4H	1W	
102.72	105.77	3.05	3.03	99	2.44	80	--	4H	1W	
105.77	108.81	3.04	3.04	100	2.63	87	--	4H	1W	
108.81	111.86	3.05	3.05	100	2.29	75	--	3H	1W	
111.86	114.91	3.05	3.05	100	2.78	91	--	3H	1W	
114.91	117.96	3.05	3.01	99	2.28	75	--	4H	1W	
117.96	121.01	3.05	3.05	100	1.72	56	--	4H	1W	
121.01	124.05	3.04	2.98	98	1.78	59	--	4H	1W	
124.05	127.10	3.05	3.05	100	2.53	83	--	4H	1W	
127.10	130.15	3.05	3	98	2.97	97	--	4H	1W	
130.15	133.20	3.05	3.05	100	2.45	80	--	4H	1W	
133.20	136.25	3.05	3.05	100	2.08	68	--	4H	1W	
136.25	139.29	3.04	3.04	100	2.40	79	--	4H	1W	
139.29	142.34	3.05	3.05	100	2.67	88	--	4H	1W	
142.34	145.39	3.05	2.92	96	2.35	77	--	3H	1W	
145.39	148.44	3.05	3.05	100	2.36	77	--	3H	1W	
148.44	151.49	3.05	3	98	1.65	54	--	3H	1W	
151.49	154.53	3.04	3.04	100	2.61	86	--	3H	1W	
154.53	157.58	3.05	3.05	100	2.90	95	--	4H	1W	
157.58	160.63	3.05	2.99	98	1.90	62	--	4H	1W	
160.63	163.68	3.05	3.05	100	3.00	98	--	4H	1W	
163.68	166.73	3.05	3.03	99	2.85	93	--	4H	1W	

Magnetic Suscepatibility

KL-14-167

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	12	CAS	
4	12.7	GRD	
5	15	GRD	
6	15.7	GRD	
7	15.2	GRD	
8	17.6	GRD	
9	14.1	GRD	
10	8.08	GRD	
11	9.91	GRD	
12	0.316	GRD	
13	12	GRD	
14	17.5	GRD	
15	0.323	GRD	
16	18.8	GRD	
17	17.9	GRD	
18	5.8	GRD	
19	0.437	GRD	
20	0.212	GRD	
21	13.2	GRD	
22	0.31	GRD	
23	0.435	GRD	
26	0.43	GRD	
27	0.432	GRD	
28	0.495	GRD	
29	0.58	GRD	
30	0.259	GRD	
31	0.391	GRD	
32	2.47	GRD	
33	17.5	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	16.8	GRD	
35	18.7	GRD	
36	19.2	GRD	
37	9.21	GRD	
38	10.3	GRD	
39	18.7	GRD	
40	19.9	GRD	
41	18	GRD	
42	0.345	GRD	
43	1.4	GRD	
45	15.1	GRD	
46	14.7	GRD	
47	12.5	GRD	
48	15.4	GRD	
49	0.48	GRD	
50	0.682	GRD	
51	0.384	GRD	
52	1.15	GRD	
53	0.353	GRD	
54	0.52	GRD	
55	16.6	GRD	
56	18.2	GRD	
57	11.4	GRD	
58	0.43	GRD	
59	18.1	GRD	
61	16.5	GRD	
62	15.5	GRD	
63	11	GRD	
64	9.99	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
65	16.8	GRD	
66	18.3	GRD	
67	18	GRD	
68	17.3	GRD	
69	17.8	GRD	
70	4.33	GRD	
71	18.96	GRD	
72	16.5	GRD	
73	13	GRD	
74	0.448	GRD	
75	0.384	GRD	
77	0.391	GRD	
78	0.406	GRD	
79	1.83	GRD	
80	1.76	GRD	
81	1.95	GRD	
82	2.16	GRD	
83	3.02	GRD	
84	5.94	GRD	
85	3.83	GRD	
86	6.05	GRD	
87	0.506	GRD	
88	0.295	GRD	
89	0.318	GRD	
90	0.955	GRD	
91	0.914	GRD	
92	0.717	GRD	
93	0.418	GRD	
94	2.71	GRD	
95	3.85	GRD	
96	3.72	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
97	0.386	GRD	
98	0.958	GRD	
99	0.414	GRD	
100	0.593	GRD	
101	20.4	GRD	
102	15.5	GRD	
103	20.2	GRD	
104	19.2	GRD	
105	20.9	GRD	
106	19.3	GRD	
108	0.403	GRD	
109	5.27	GRD	
110	0.933	GRD	
111	0.408	GRD	
112	0.366	GRD	
113	0.464	GRD	
114	5.88	GRD	
115	2.43	GRD	
116	1.19	GRD	
117	0.651	GRD	
118	0.476	GRD	
119	0.383	GRD	
120	19.2	GRD	
121	11.5	GRD	
122	0.817	GRD	
123	20.9	GRD	
124	22.9	GRD	
125	21.2	GRD	
126	7.31	GRD	
127	1.14	GRD	
128	21	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
129	14.4	GRD	
130	23.5	GRD	
131	18.4	GRD	
132	16.7	GRD	
133	1.21	GRD	
134	9.32	GRD	
135	18.6	GRD	
136	2.19	GRD	
137	19.8	GRD	
138	18.3	GRD	
139	21.3	GRD	
140	14.6	GRD	
141	5.56	GRD	
142	0.347	GRD	
142	0.347	GRD	
143	0.336	QFP	
144	0.393	QFP	
145	0.333	GRD	
146	0.5	QFP	
147	0.413	QFP	
148	0.318	QFP	
149	0.267	QFP	
150	0.279	QFP	
151	0.154	VEN	
152	0.447	GRD	
153	2.02	GRD	
154	3.24	GRD	
155	0.706	GRD	
156	18.3	GRD	
157	18.2	GRD	
158	16.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
159	11.6	GRD	
160	0.341	GRD	
161	21.2	GRD	
162	18.3	GRD	
163	19.7	GRD	
164	22.2	GRD	
165	0.631	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382038	6889871	1349.46	157.58

ZONE: Central BRX

SECTION:

HOLE: KL-14-168

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 05 - Jul 06, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
157.58	35.21	-48.5	Calculated

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.93	2.93	CAS
2.93	35.17	32.24	GRD
35.17	132.82	97.65	GRD
132.82	133.2	0.38	BXA
133.2	134.21	1.01	GRD
134.21	137.22	3.01	GRD
137.22	139.52	2.3	GRD
139.52	141.94	2.42	QFP
141.94	142.09	0.15	GRD
142.09	142.34	0.25	VEN
142.34	143.66	1.32	QFP
143.66	144.58	0.92	GRD
144.58	149.12	4.54	QFP
149.12	149.58	0.46	VEN
149.58	151.44	1.86	GRD
151.44	157.58	6.14	GRD

SAMPLES	
Numbers:	Q016858 to Q016868, Q925090 to Q925169
Total:	95
Batch:	056, 058, 060, 061
Certificates:	WH14105963, WH14107833, WH14107835, WH14107836

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-168

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.39	5.18
2	5.18	8.23
3	8.23	10.37
4	10.37	13.33
5	13.33	16.35
6	16.35	19.27
7	19.27	22.42
8	22.42	24.94
9	24.94	27.81
10	27.81	30.9
11	30.9	34.19
12	34.19	37.41
13	37.41	40.45
14	40.45	43.4
15	43.4	46.4
16	46.4	49.08
17	49.08	52.23
18	52.23	55.24
19	55.24	58.37
20	58.37	61.54
21	61.54	64.5
22	64.5	67.32
23	67.32	70.34
24	70.34	73.69
25	73.69	76.63
26	76.63	79.62
27	79.62	82.62
28	82.62	85.55
29	85.55	88.58
30	88.58	91.68
31	91.68	94.75
32	94.75	97.8
33	97.8	100.94
34	100.94	104.03
35	104.03	107.13
36	107.13	110.4
37	110.4	113.54
38	113.54	116.94
39	116.94	120.21
40	120.21	123.36
41	123.36	126.6
42	126.6	129.76
43	129.76	132.72
44	132.72	135.89
45	135.89	139.1
46	139.1	142.17
47	142.17	145.36
48	145.36	147.97
49	147.97	151.14
50	151.14	154.03
51	154.03	157
52	157	157.58

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-168									
	14.38	7.4	HQ	GRD	1170	1380	5.41	-5.6	Moderate argillic altered granodiorte with weak silicificatio nand strong oxidation. Cut by 0.6 centimeter quartz-goethite halo with limonite halo.
	66.74	15.1	HQ	GRD	1429.9	955	3.24	3.0	moderate phyllic altered granodiorite with strong silicification. Cut by 2mm ankerite-calcite veinlets. Contains blebby chalcopyrite and pyrite.
	85.01	7.4	HQ	GRD	649	420.3	3	2.8	Banded ankerite-calcite-quartz vein in moderate phyllic, strongly silicified granodiorite. Vugs present.
	133	23.2	HQ	BXA	2227.3	1674.5	3.29	4.0	Banded quartz vein with semi massive to massive bands of sphalerite. Breccia bands/zones locally.
	142.17	16.8	HQ	VEN	1796	1264.2	3.66	3.4	Heavily mineralized granodiorite. Series of quartz veinlets and blebs throughout hosting sphalerite, galena and pyrite.
	143.92	11.3	HQ	GRD	895.9	578.3	2.71	2.8	Heavily altered phyllic granodiorite with quartz stringers/veins throughout hosting pyrite. Disseminated pyrite also in granodiorite.
	149.18	14.8	HQ	VEN	1721	1228.5	3.98	3.5	Semi-massive blebby sulphides in quartz vein.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.93	7.00	4.07	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	OR		OXI	4I		
						MD	GY		OXI	3I		
7.00	10.63	3.63	GRD	MG	Moderate to strongly oxidized weakly potassic/propyllitic overprinted moderate argillic alteration. Small phyllic envelopes around carbonate +/- quartz veins and veinlets. Oxidation obscures rock textures. Very rubbly.							
						MD	OR	RB	OXI	3I		
						LT	WH		OXI	4I		
									ARG	3I		
									POT	2I		
									PRO	2I		
10.63	15.15	4.52	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	GY		OXI	3I		
						MD	OR		OXI	4I		
15.15	24.32	9.17	GRD	MG	Moderate to strongly oxidized weakly potassic/propyllitic overprinted moderate argillic alteration. Small phyllic envelopes around carbonate +/- quartz veins and veinlets. Oxidation obscures rock textures. Very rubbly.							
						MD	OR		OXI	3I		
						LT	WH		OXI	4I		
									POT	2I		
									PRO	2I		
									ARG	3I		
24.32	25.18	0.86	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	OR		OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		OXI	3I		
25.18	34.15	8.97	GRD	MG	Moderate to strongly oxidized weakly potassic/propyllitic overprinted moderate argillic alteration. Small phyllic envelopes around carbonate +/- quartz veins and veinlets. Oxidation obscures rock textures. Very rubbly.							
						MD	OR		OXI	3I		
						LT	WH		OXI	4I		
									ARG	3I		
									POT	2I		
									PRO	2I		
34.15	35.17	1.02	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	GY		OXI	3I		
						MD	OR		OXI	4I		
35.17	35.56	0.39	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-3 carbonate veins and veinlets per meter, have small phyllic envelopes.							
						MD	GY		POT	2I		
									PRO	2I		
35.56	36.17	0.61	GRD	MG	Moderately silicified phyllic envelope around a quartz carbonate pyrite vein. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		ARG	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									PRO	2I		
36.17	40.93	4.76	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
									POT	2I		
									PRO	2I		
40.93	45.66	4.73	GRD	MG	Alternating patches of moderately silicified phyllic altered and moderate propyllitic/potassic overprinted argillic altered granodiorite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		ARG	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		SIL	3I		
						DK	GN		PRO	3I		
									POT	3I		
45.66	57.91	12.25	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-3 carbonate veins and veinlets per meter, have small phyllic envelopes.							
									PRO	2I		
									POT	2I		
57.91	63.43	5.52	GRD	MG	Alternating patches of moderately silicified phyllic altered and moderate propyllitic/potassic overprinted argillic altered granodiorite.							
						MD	PK		ARG	3I		
						LT	GN		PHC	3I		
						LT	WH		SIL	3I		
						DK	GN		PRO	3I		
									POT	3I		
63.43	69.28	5.85	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						MD	GN		PHC	3I		
						MD	GY		PRO	2I		
						LT	GN		SIL	3I		
69.28	70.38	1.10	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-3 carbonate veins and veinlets per meter, have small phyllic envelopes.							
									POT	2I		
									PRO	2I		
70.38	78.44	8.06	GRD	MG	Alternating patches of moderately silicified phyllic altered and moderate propyllitic/potassic overprinted argillic altered granodiorite.							
						MD	PK		ARG	3I		
						LT	GN		PHC	3I		
						LT	WH		SIL	3I		
						DK	GN		PRO	3I		
									POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
78.44	82.65	4.21	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-3 carbonate veins and veinlets per meter, have small phyllic envelopes.							
									POT	2I		
									PRO	2I		
82.65	88.58	5.93	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						MD	GN		PHC	3I		
						MD	GY		PRO	2I		
						LT	GN		SIL	3I		
88.58	91.91	3.33	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-3 carbonate veins and veinlets per meter, have small phyllic envelopes.							
									POT	2I		
									PRO	2I		
91.91	92.80	0.89	GRD	MG	Moderately silicified phyllic alteration envelope around multiple quartz/carbonate veinlets and one vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
118.47	123.32	4.85	GRD	MG	Moderately silicified phyllic alteration envelope around multiple quartz/carbonate veins and veinlets.							
						LT	GN		SIL	3I		
									PHC	3I		
125.96	126.41	0.45	GRD	MG	Moderately silicified phyllic alteration envelope around multiple quartz/carbonate veinlets and one vein.							
						LT	GN		SIL	3I		
									PHC	3I		
132.82	133.20	0.38	BXA	--	Smokey quartz/white carbonate breccia. First 18cm are a smokey quartz breccia. Last half is brecciated by white carbonate. Hosts disseminated to blebby pyrite and galena.							
											Gn	1
											Py	3
133.20	134.21	1.01	GRD	MG	Moderate to strongly silicified phyllic altered granodiorite. Silica/phyllic alteration intensity decreases distally from vein. Strong phyllic alteration hosts disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	4I		
						LT	GN		SIL	3I	Py	1
									PHC	3I		
									PHC	4I		
134.21	137.22	3.01	GRD	MG	Trace to weak potassic and propyllitic alteration.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						DK	GN					
137.22	139.52	2.30	GRD	MG	Alternating patches of moderate silica, phyllic and propyllitic alteration.							
						LT	GN	PA	SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		
139.52	141.94	2.42	GRD	FG	Grey/green quartz feldspar porphyry dyke. Upper contact is oriented at 70 degrees TCA. Lower contact 55 degrees TCA.							
						MD	GY	PO				
						MD	GN					
141.94	142.09	0.15	GRD	MG	Strongly silicified and phyllic altered granodiorite. Hosts disseminated pyrite.							
						MD	GY		PHC	3I		
						DK	GN		SIL	4I		
142.09	142.34	0.25	VEN	--	Smokey quartz vein hosting disseminated to blebby pyrite, sphalerite and galena.							
											Py	8
											Gn	1
											Sp	1
142.34	143.66	1.32	QFP	FG	Medium grey quartz feldspar porphyry dyke. Hosts a large abundance of carbonate+/-quartz veinlets. Upper contact oriented at 80 degrees. Lower contact is oriented at 50 degrees.							
						MD	GY	PO				
143.66	144.58	0.92	GRD	MG	Strongly silicified phyllic altered granodiorite. Hosts disseminated pyrite and quartz/carbonate/sulphide veining.							
						MD	GN		SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PHC	3I		
144.58	149.12	4.54	QFP	FG	Grey/green-reddish quartz feldspar porphyry dyke. Hosts multiple carbonate veinlets. Lower 1/3 is partially gouge altered. Upper contact is oriented at 70 degrees TCA. Lower contact is oriented at 70 TCA.							
						MD	GY	PO				
						MD	RD					
						MD	GN					
149.12	149.58	0.46	VEN	--	Grey to smokey quartz/semi-massive sulphide vein. Hosts disseminated to semi-massive pyrite, large galena blebs and blebby sphalerite.							
											Sp	1
											Py	40
											Gn	5
149.58	151.44	1.86	GRD	MG	Moderately phyllic altered granodiorite with patchy potassic and propyllitic alteration.							
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
151.44	152.56	1.12	GRD	MG	Trace to weak potassic and propyllitic alteration.							
						MD	GY		POT	2I		
									PRO	2I		
152.56	153.12	0.56	GRD	MG	Patchy phyllic and propyllitic and propyllitic alteration. Hosts multiple quartz/carbonate veinlets.							
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
153.12	156.97	3.85	GRD	MG	Trace to weak potassic and propyllitic alteration.							
						MD	GY		PRO	2I		
									POT	2I		
156.97	157.58	0.61	GRD	MG	Patchy phyllic and propyllitic and propyllitic alteration. Hosts multiple quartz/carbonate veinlets.							
						MD	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		

KL-14-168

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.93	35.17	32.24	GRD	MG	Unaltered granodiorite with moderate to strong oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	GY		OXI	3I		
						MD	OR		OXI	4I		
35.17	132.82	97.65	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-3 carbonate veins and veinlets per meter, have small phyllic envelopes.							
						MD	GY		POT	2I		
									PRO	2I		
132.82	133.20	0.38	BXA	MG	Smokey quartz/white carbonate breccia. First 18cm are a smokey quartz breccia. Last half is brecciated by white carbonate. Hosts disseminated to blebby pyrite and galena.							
								BX			Py	3
											Gn	1
133.20	134.21	1.01	GRD	MG	Moderate to strongly silicified phyllic altered granodiorite. Silica/phyllic alteration intensity decreases distally from vein. Strong phyllic alteration hosts disseminated pyrite.							
									PHC	3I		
						MD	GY		SIL	4I		
									PHC	4I		
						LT	GN		SIL	3I	Py	1
134.21	137.22	3.01	GRD	MG	Trace to weak potassic and propyllitic alteration.							
						DK	GN					
						MD	PK		POT	2I		
						MD	GY		PRO	2I		
137.22	139.52	2.30	GRD	MG	Alternating patches of moderate silica, phyllic and propyllitic alteration.							
						LT	GN		SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
139.52	141.94	2.42	QFP	FG	Grey/green quartz feldspar porphyry dyke. Upper contact is oriented at 70 degrees TCA. Lower contact 55 degrees TCA.							
						MD	GN					
						MD	GY	PO				
141.94	142.09	0.15	GRD	MG	Strongly silicified and phyllic altered granodiorite. Hosts disseminated pyrite.							
						DK	GN		SIL	4I	Py	3
						MD	GY		PHC	3I		
142.09	142.34	0.25	VEN	--	Smokey quartz vein hosting disseminated to blebby pyrite, sphalerite and galena.							
											Sp	1
											Py	8
											Gn	1
142.34	143.66	1.32	QFP	FG	Medium grey quartz feldspar porphyry dyke. Hosts a large abundance of carbonate+/-quartz veinlets. Upper contact oriented at 80 degrees. Lower contact is oriented at 50 degrees.							
						MD	GY	PO				
143.66	144.58	0.92	GRD	MG	Strongly silicified phyllic altered granodiorite. Hosts disseminated pyrite and quartz/carbonate/sulphide veining.							
						MD	GY		PHC	3I		
						MD	GN		SIL	4I	Py	1
144.58	149.12	4.54	QFP	FG	Grey/green-reddish quartz feldspar porphyry dyke. Hosts multiple carbonate veinlets. Lower 1/3 is partially gouge altered. Upper contact is oriented at 70 degrees TCA. Lower contact is oriented at 70 TCA.							
						MD	RD					
						MD	GN					
						MD	GY	PO				
149.12	149.58	0.46	VEN	--	Grey to smokey quartz/semi-massive sulphide vein. Hosts disseminated to semi-massive pyrite, large galena blebs and blebby sphalerite.							
											Gn	5
											Py	40

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Sp	1
149.58	151.44	1.86	GRD	MG	Moderately phyllic altered granodiorite with patchy potassic and propyllitic alteration.							
						DK	GN		PRO	2I		
						MD	PK		POT	2I		
						LT	GN	PA	PHC	3I		
151.44	157.58	6.14	GRD	MG	Trace to weak potassic and propyllitic alteration.							
						MD	GY		POT	2I		
									PRO	2I		

KL-14-168

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.39	2.39	0	0	0.00	0	--	--	--	
2.39	5.18	2.79	2.67	96	1.89	68	--	3H	3W	
5.18	8.23	3.05	3.05	100	2.73	90	--	3H	3W	
8.23	11.28	3.05	3.05	100	1.41	46	--	3H	4W	Mostly rubble
11.28	14.33	3.05	2.93	96	1.45	48	--	3H	3W	
14.33	17.37	3.04	3	99	1.54	51	--	3H	3W	
17.37	20.42	3.05	2.88	94	1.73	57	--	3H	3W	
20.42	23.47	3.05	2.97	97	1.64	54	--	3H	3W	
23.47	26.52	3.05	3.05	100	0.85	28	--	2H	3W	
26.52	29.57	3.05	2.96	97	1.65	54	--	3H	3W	
29.57	32.61	3.04	2.92	96	2.45	81	--	4H	2W	
32.61	35.66	3.05	3.01	99	2.06	68	--	4H	2W	
35.66	38.71	3.05	2.93	96	2.34	77	--	4H	1W	
38.71	41.76	3.05	3.05	100	1.90	62	--	4H	1W	
41.76	44.81	3.05	3.05	100	2.49	82	--	3H	1W	
44.81	47.85	3.04	2.91	96	0.90	30	--	4H	1W	
47.85	50.90	3.05	2.92	96	1.88	62	--	4H	1W	
50.90	53.95	3.05	3.05	100	2.23	73	--	4H	1W	
53.95	57.00	3.05	3.05	100	2.50	82	--	4H	1W	
57.00	60.05	3.05	3.03	99	1.35	44	--	4H	1W	
60.05	63.09	3.04	3.04	100	2.35	77	--	4H	1W	
63.09	66.14	3.05	3.05	100	1.80	59	--	4H	1W	
66.14	69.19	3.05	3	98	2.57	84	--	4H	1W	
69.19	72.24	3.05	2.66	87	1.98	65	--	4H	1W	
72.24	75.29	3.05	3.05	100	1.69	55	--	4H	1W	
75.29	78.33	3.04	3.04	100	2.55	84	--	3H	1W	
78.33	81.38	3.05	3.05	100	2.03	67	--	4H	1W	
81.38	84.43	3.05	3.05	100	1.30	43	--	4H	1W	
84.43	87.48	3.05	3.05	100	1.45	48	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	2.36	77	--	4H	1W	
90.53	93.57	3.04	3.04	100	2.73	90	--	5H	1W	
93.57	96.62	3.05	3.05	100	2.25	74	--	5H	1W	
96.62	99.67	3.05	3.05	100	2.68	88	--	4H	1W	
99.67	102.72	3.05	3.05	100	3.01	99	--	4H	1W	
102.72	105.77	3.05	3.05	100	2.68	88	--	4H	1W	
105.77	108.81	3.04	3.04	100	2.58	85	--	4H	1W	
108.81	111.86	3.05	3.05	100	2.81	92	--	4H	1W	
111.86	114.91	3.05	2.95	97	2.91	95	--	4H	1W	
114.91	117.96	3.05	3.05	100	2.81	92	--	4H	1W	
117.96	121.01	3.05	3.02	99	2.63	86	--	4H	1W	
121.01	124.05	3.04	3.04	100	2.03	67	--	4H	1W	
124.05	127.10	3.05	3.05	100	3.01	99	--	4H	1W	
127.10	130.15	3.05	2.98	98	2.41	79	--	4H	1W	
130.15	133.20	3.05	2.93	96	2.61	86	--	4H	1W	
133.20	136.25	3.05	3.02	99	2.72	89	--	4H	1W	
136.25	139.29	3.04	3.04	100	2.47	81	--	4H	1W	
139.29	142.34	3.05	3.02	99	2.54	83	--	4H	1W	
142.34	145.39	3.05	3	98	2.88	94	--	4H	1W	
145.39	148.44	3.05	3.03	99	1.60	52	--	3H	1W	
148.44	151.49	3.05	2.97	97	1.71	56	--	3H	1W	
151.49	154.53	3.04	3	99	2.35	77	--	4H	1W	
154.53	157.58	3.05	2.88	94	2.18	71	--	4H	1W	

KL-14-168

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	17.7	GRD	
4	9.41	GRD	
5	14.7	GRD	
6	15.2	GRD	
7	16.4	GRD	
8	0.354	GRD	
9	0.451	GRD	
10	1.25	GRD	
11	14.4	GRD	
12	0.783	GRD	
13	11.2	GRD	
14	14.4	GRD	
15	13.8	GRD	
16	0.402	GRD	
17	11	GRD	
18	0.289	GRD	
19	0.33	GRD	
20	12.2	GRD	
21	0.476	GRD	
22	0.407	GRD	
23	0.481	GRD	
24	0.608	GRD	
25	1.84	GRD	
26	9.02	GRD	
27	0.288	GRD	
28	0.357	GRD	
29	4.29	GRD	
30	0.37	GRD	
31	0.367	GRD	
32	0.318	GRD	
33	0.308	GRD	
34	0.635	GRD	
35	1.43	GRD	
36	0.473	GRD	
37	6.21	GRD	
38	9.39	GRD	
39	11.2	GRD	
40	4.61	GRD	
41	0.386	GRD	
42	0.323	GRD	
43	0.557	GRD	
44	0.671	GRD	
45	0.452	GRD	
46	1.46	GRD	
47	0.373	GRD	
48	0.546	GRD	
49	0.407	GRD	
50	0.301	GRD	
51	0.203	GRD	
52	0.312	GRD	
53	0.544	GRD	
54	17.4	GRD	
55	19.2	GRD	
56	0.567	GRD	
57	9.36	GRD	
58	17.4	GRD	
59	8.13	GRD	
60	0.456	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	0.366	GRD	
62	0.319	GRD	
63	0.341	GRD	
64	0.516	GRD	
65	0.467	GRD	
66	0.375	GRD	
67	0.629	GRD	
68	0.308	GRD	
69	0.31	GRD	
70	11.7	GRD	
71	0.336	GRD	
72	0.297	GRD	
73	0.402	GRD	
74	0.379	GRD	
75	0.604	GRD	
76	0.439	GRD	
77	0.353	GRD	
78	2.8	GRD	
79	22.6	GRD	
80	15.3	GRD	
81	16	GRD	
82	14.5	GRD	
83	0.34	GRD	
84	0.303	GRD	
85	0.379	GRD	
86	0.364	GRD	
87	0.542	GRD	
88	0.563	GRD	
89	0.521	GRD	
90	7.04	GRD	
91	0.545	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
92	0.494	GRD	
93	5.36	GRD	
94	17.1	GRD	
95	16.3	GRD	
96	9.59	GRD	
97	1.97	GRD	
98	16	GRD	
99	15.3	GRD	
100	2.13	GRD	
101	0.794	GRD	
102	1.82	GRD	
103	20.8	GRD	
104	3.84	GRD	
105	1.76	GRD	
106	17.4	GRD	
107	16.2	GRD	
108	0.496	GRD	
109	18.2	GRD	
110	0.768	GRD	
111	18.8	GRD	
112	6.79	GRD	
113	21.3	GRD	
114	16.5	GRD	
115	21.9	GRD	
116	0.656	GRD	
117	18.9	GRD	
118	12.9	GRD	
119	0.471	GRD	
120	0.494	GRD	
121	0.262	GRD	
122	0.339	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
123	0.29	GRD	
124	4.49	GRD	
125	4.66	GRD	
126	0.565	GRD	
127	2.26	GRD	
128	6.6	GRD	
129	10.3	GRD	
130	12.9	GRD	
131	0.316	GRD	
132	2.16	GRD	
133	0.391	BXA	
134	0.506	GRD	
135	9.32	GRD	
136	10.5	GRD	
137	9.5	GRD	
138	0.362	GRD	
139	0.503	GRD	
140	0.305	QFP	
141	0.408	QFP	
142	0.199	GRD	
143	0.29	QFP	
144	0.259	GRD	
145	0.336	QFP	
146	0.202	QFP	
147	0.336	QFP	
148	0.531	QFP	
149	0.609	QFP	
150	0.643	GRD	
151	0.31	GRD	
152	13.6	GRD	
153	18.3	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
154	9.68	GRD	
155	1.01	GRD	
156	0.828	GRD	
157	5.53	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382698	6890518	1343.8	184.4

ZONE: Central Klaza

SECTION:

HOLE: KL-14-169

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jul 05 - Jul 07, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
184.4	38.5	-49.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	20.95	19.43	GRD
20.95	36.55	15.6	GRD
36.55	41.8	5.25	GRD
41.8	43.96	2.16	QFP
43.96	45.96	2	GRD
45.96	47.02	1.06	QFP
47.02	54.04	7.02	GRD
54.04	72.15	18.11	GRD
72.15	94.86	22.71	GRD
94.86	95.2	0.34	VEN
95.2	100.92	5.72	GRD
100.92	112.25	11.33	QFP
112.25	125.25	13	GRD
125.25	129.67	4.42	GRD
129.67	134.15	4.48	GRD

SAMPLES	
Numbers:	Q016869 to Q016871, Q925418 to Q925493
Total:	86
Batch:	055, 057, 059, 061, 062
Certificates:	WH14105964, WH14105967, WH14107834, WH14107836, WH14107837

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

134.15	134.44	0.29	QFP
134.44	143.12	8.68	GRD
143.12	156.32	13.2	GRD
156.32	157.75	1.43	BXA
157.75	165.96	8.21	GRD
165.96	167.5	1.54	GRD
167.5	184.4	16.9	GRD

Box Log

KL-14-169

Klaza
ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	4.12
2	4.12	6.51
3	6.51	9.29
4	9.29	12.47
5	12.47	15.25
6	15.25	17.8
7	17.8	20.42
8	20.42	23.38
9	23.38	26.15
10	26.15	28.72
11	28.72	31.5
12	31.5	34.47
13	34.47	37.45
14	37.45	40.56
15	40.56	43.15
16	43.15	46.35
17	46.35	49.4
18	49.4	52.4
19	52.4	55.53
20	55.53	58.82
21	58.82	61.6
22	61.6	64.7
23	64.7	67.83
24	67.83	71
25	71	73.57
26	73.57	76.56
27	76.56	79.53
28	79.53	82.46
29	82.46	86.26
30	86.26	90.35
31	90.35	91.26
32	91.26	94.4
33	94.4	96.85
34	96.85	100.15
35	100.15	102.9
36	102.9	106.3
37	106.3	109.5
38	109.5	112.73
39	112.73	116
40	116	119.15
41	119.15	122.18
42	122.18	125.4
43	125.4	128.66
44	128.66	132.04
45	132.04	134.93
46	134.93	138.15
47	138.15	141.15
48	141.15	144.3
49	144.3	147
50	147	149.72
51	149.72	152.71
52	152.71	155.91
53	155.91	158.55
54	158.55	161.57
55	161.57	164.74
56	164.74	167.5
57	167.5	170.68
58	170.68	173.71
59	173.71	177.03
60	177.03	180.33
61	180.33	183.56
62	183.56	184.4

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-169									
	2.27	12.1	HQ	GRD	1078.1	676.2	3.05	2.7	Granodiorite with phyllic, propalytic, pottassic alteration and cross-cutting chlorite stringers.
	40.4	14.6	HQ	GRD	1142.9	712.3	2.68	2.7	Granodiorite with phyllic, argillic, pottassic alteration with crosscutting calcite veinlet.
	50.97	15.1	HQ	GRD	1233.2	766.3	2.79	2.6	Weakly silicified black breccia vein with some mineralized clasts containing pyrite, sphalerite and arsenopyrite in moderate propalytic altered granodiorite with weak pottassic and phyllic overprint.
	73.27	13.1	HQ	GRD	1082.3	675.1	2.83	2.7	Fine grained black breccia with resorption textures. 1/3 moderate phyllic altered granodiorite with weak silicification.
	85.15	12.9	HQ	GRD	1057.9	645.8	2.81	2.6	Strong argillic altered granodiorite with moderate pottassic overprint and weak silicified. 50 degree ankerite stringer.
	113.41	12.8	HQ	GRD	1047.6	651.4	2.8	2.6	Granodiorite with strong propylitic and trace argillic.
	126.64	10.8	HQ	GRD	926.4	601.6	2.94	2.9	Smoky quartz breccia with ankerite, pyrite, galena, sphalerite, arsenopyrite, and jamesonite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	128.47	18.4	HQ	GRD	1653.7	1057.9	3.08	2.8	Granodiorite with pervasive moderate phyllic and interstitial-blebby specular hematite throughout groundmass.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	20.95	19.43	GRD	MG	Granodiorite with semi-pervasive and fracture-associated oxidation, patchy silicification, and patchy potassic alteration. Phyllic and argillic alteration in vein halos. Fractured and rubbly in short patches, typically with stronger argillic. Cut by oxidized quartz veins with weak remnant mineralization.							
						MD	BN	FR	SIL	2I		
						LT	GN	PA	OXI	3I	Li	10
						LT	WH		PHC	3I		
									ARG	2I		
									POT	1I		
20.95	23.14	2.19	GRD	MG	Trace oxidation. Dominated by moderate propylitic and patchy potassic and silicification. Weak-trace argillic and phyllic in rare vein halos.							
						MD	GY		PRO	3I		
						LT	GN	PA	OXI	1I		
						LT	WH		SIL	2I		
									POT	2I		
									ARG	2I		
									PHC	1I		
23.14	25.91	2.77	GRD	MG	Pervasive argillic and potassic altered granodiorite.							
						LT	WH	PA	OXI	1I		
						LT	PK		ARG	3I		
									POT	2I		
25.91	27.50	1.59	GRD	MG	Rubble zone through pervasive propylitic altered granodiorite with patchy trace agrillic.							
						MD	GY	RB	PRO	2I		
								FR	ARG	1I		
27.50	36.55	9.05	GRD	MG	Trace oxidation. Dominated by moderate propylitic and patchy potassic and silicification. Weak-trace argillic and phyllic in rare vein halos.							
						MD	GY	PA	SIL	2I		
						MD	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PRO	3I		
						LT	WH		ARG	2I		
									PHC	1I		
36.55	41.80	5.25	GRD	MG	Gouged-rubbly bottom contact. Pervasive propylitic with phyllic-argillic vein halos and patchy silicification.							
						LT	GN	RB	SIL	2I		
						LT	WH		PHC	3I		
									PRO	2I		
									ARG	2I		
41.80	43.96	2.16	QFP	FG	70 TCA bottom contact with weak gouge. Medium maroon quartz feldspar porphyry dyke with argillic altered phenocrysts, weak silicification, and strong hydrothermal alteration.							
						MD	MR	PO	SIL	2I		
									HYD	4I		
									ARG	2I		
43.96	45.96	2.00	GRD	MG	Granodiorite with patchy overprinted phyllic, argillic, potassic, and silicification. 60 TCA gouged-sharp bottom contact.							
						MD	GN	PO	HYD	4I		
						MD	PK					
						LT	GN	FL	ARG	2I		
45.96	47.02	1.06	QFP	FG	35 TCA flow banded-chilled bottom contact with granodiorite. Quartz feldspar porphyry dyke is pink-green.							
						LT	PK	PO	HYD	4I		
						LT	GN	FL	ARG	2I		
47.02	54.04	7.02	GRD	MG	Granodiorite with pervasive phyllic, patchy argillic, and patchy silicification.							
						LT	GN	PA	SIL	1I		
						LT	WH		PHC	3I		
									ARG	2I		
54.04	65.30	11.26	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
65.30	66.10	0.80	GRD	MG	Phyllic and argillic vein halo with trace clay alteration.							
						LT	GN	PA	PHC	2I		
						LT	PK		ARG	2I		
						LT	WH		CLY	1I		
66.10	72.15	6.05	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		
									POT	2I		
									PHC	1I		
									ARG	1I		
72.15	94.86	22.71	GRD	MG	Granodiorite dominated by phyllic to argillic vein halos with patchy propylitic, potassic, and silicification.							
						MD	GY		PHC	3I		
						LT	GN	PA	SIL	1I		
						LT	WH		ARG	3I		
						LT	PK		PRO	1I		
									POT	2I		
94.86	95.20	0.34	VEN	MG	Mineralized vein breccia with smoky quartz and ankerite. Sulphides include pyrite, sphalerte, and arsenopyrite.							
						LT	WH		PHC	3I	Jm	5
						DK	GY		SIL	2I	As	10
											Gn	5
											Py	2
95.20	100.92	5.72	GRD	MG	Granodiorite with moderate pervasive phyllic to argillic and patchy potassic. 60 TCA sharp bottom contact with quartz feldspar porphyry.							
						LT	PK	PA	ARG	3I		
						LT	GN	MO	PHC	3I		
									POT	2I		
100.92	112.25	11.33	QFP	FG	Maroon quartz feldspar porphyry dyke with pervasive hydrothermal, argillic altered phenocrysts, and patchy silicification. Sharp 60 TCA bottom contact, 60 TCA top contact.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	MR	PO	SIL	3I		
									ARG	2I		
									HYD	3I		
112.25	114.30	2.05	GRD	MG	Strong propylitic with dark green colouration and weak patchy argillic.							
						MD	GN		PRO	4I		
						DK	GN		ARG	2I		
114.30	125.25	10.95	GRD	MG	Granodiorite with pervasive moderate propylitic and silicification with patchy potassic and argillic alteration.							
						MD	GN	PA	SIL	3I		
						MD	GY		PRO	3I		
						MD	PK		POT	2I		
									ARG	1I		
125.25	129.67	4.42	GRD	MG	Granodiorite cut by several mineralized smoky quartz veins and breccias. Pervasive propylitic with patchy potassic and silicification is overprinted by wide phyllic-argillic vein halos.							
						MD	GN	PA	SIL	1I		
						LT	PK		PRO	2I		
						LT	WH		POT	2I		
						LT	GN		ARG	3I		
									PHC	3I		
129.67	134.15	4.48	GRD	MG	Granodiorite cut by several mineralized smoky quartz veins and breccias. Pervasive propylitic with patchy potassic and silicification is overprinted by wide phyllic-argillic vein halos.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	2I		
									ARG	2I		
									PHC	3I		
									POT	1I		
134.15	134.44	0.29	QFP	FG	Light green-grey quartz feldspar porphyry with sharp 65 TCA bottom contact.							
						LT	GN	PO	SIL	1I		
						LT	GY		HYD	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
134.44	143.12	8.68	GRD	MG	Granodiorite cut by several well-mineralized veins with dominant phyllic-argillic halos.							
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
									POT	1I		
									PRO	1I		
143.12	156.32	13.20	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		
									POT	2I		
156.32	157.75	1.43	BXA	MG	Brecciated granodiorite with calcite cement. Softened by clay-argillic.							
						LT	WH	BX	SIL	1I		
						LT	GN		CLY	2I		
									ARG	3I		
									PHC	1I		
157.75	165.96	8.21	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		
									POT	2I		
165.96	167.50	1.54	GRD	MG	Soft, rubbly phyllic-argillic vein halo with two banded smoky quartz veins.							
						LT	GN	RB	PHC	3I		
						LT	GY		ARG	2I		
167.50	184.40	16.90	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	20.95	19.43	GRD	MG	Granodiorite with semi-pervasive and fracture-associated oxidation, patchy silicification, and patchy potassic alteration. Phyllic and argillic alteration in vein halos. Fractured and rubbly in short patches, typically with stronger argillic. Cut by oxidized quartz veins with weak remnant mineralization.							
						MD	BN	FR	SIL	2I		
									POT	1I		
									PHC	3I		
						LT	GN	PA	OXI	3I	Li	10
									ARG	2I		
20.95	36.55	15.60	GRD	MG	Trace oxidation. Dominated by moderate propylitic and patchy potassic and silicification. Weak-trace argillic and phyllic in rare vein halos.							
						LT	WH		SIL	2I		
						LT	GN	PA	OXI	1I		
						MD	GY		PRO	3I		
									POT	2I		
									ARG	2I		
									PHC	1I		
36.55	41.80	5.25	GRD	MG	Gouged-rubbly bottom contact. Pervasive propylitic with phyllic-argillic vein halos and patchy silicification.							
									ARG	2I		
						LT	GN	RB	SIL	2I		
						LT	WH		PHC	3I		
									PRO	2I		
41.80	43.96	2.16	QFP	FG	70 TCA bottom contact with weak gouge. Medium maroon quartz feldspar porphyry dyke with argillic altered phenocrysts, weak silicification, and strong hydrothermal alteration.							
									ARG	2I		
									HYD	4I		
						MD	MR	PO	SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
43.96	45.96	2.00	GRD	MG	Granodiorite with patchy overprinted phyllic, argillic, potassic, and silicification. 60 TCA gouged-sharp bottom contact.							
									POT	2I		
						LT	GN		PHC	2I		
						MD	PK		ARG	2I		
						MD	GN	PA	SIL	2I		
45.96	47.02	1.06	QFP	FG	35 TCA flow banded-chilled bottom contact with granodiorite. Quartz feldspar porphyry dyke is pink-green.							
									ARG	2I		
						LT	GN		PHC	3I		
						LT	PK	PA	SIL	1I		
47.02	54.04	7.02	GRD	MG	Granodiorite with pervasive phyllic, patchy argillic, and patchy silicification.							
						LT	GN	PA	SIL	1I		
									ARG	2I		
						LT	WH		PHC	3I		
54.04	72.15	18.11	GRD	MG	Granodiorite with patchy propylitic, potassic, and silicification. Overprinted by phyllic to argillic vein halos.							
									PHC	2I		
						LT	PK		ARG	2I		
						LT	WH		POT	2I		
						LT	GN		PRO	2I		
						MD	GN	PA	SIL	2I		
72.15	94.86	22.71	GRD	MG	Granodiorite dominated by phyllic to argillic vein halos with patchy propylitic, potassic, and silicification.							
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						LT	PK		PRO	1I		
									POT	2I		
						MD	GY	PA	SIL	1I		
94.86	95.20	0.34	VEN	MG	Mineralized vein breccia with smoky quartz and ankerite. Sulphides include pyrite, sphalerte, and arsenopyrite.							
						DK	GY		SIL	2I	As	10

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I	Jm	5
											Gn	5
											Py	1
95.20	100.92	5.72	GRD	MG	Granodiorite with moderate pervasive phyllic to argillic and patchy potassic. 60 TCA sharp bottom contact with quartz feldspar porphyry.							
						LT	PK	MO	ARG	3I		
									POT	2I		
						LT	GN	PA	PHC	3I		
100.92	112.25	11.33	QFP	FG	Maroon quartz feldspar porphyry dyke with pervasive hydrothermal, argillic altered phenocrysts, and patchy silicification. Sharp 60 TCA bottom contact, 60 TCA top contact.							
						MD	MR	PO	SIL	2I		
									HYD	3I		
112.25	125.25	13.00	GRD	MG	Granodiorite with pervasive moderate propylitic and silicification with patchy potassic and argillic.							
						MD	PK		POT	2I		
						MD	GY		PRO	3I		
						MD	GN	PA	SIL	3I		
									ARG	1I		
125.25	129.67	4.42	GRD	MG	Granodiorite cut by several mineralized smoky quartz veins and breccias. Pervasive propylitic with patchy potassic and silicification is overprinted by wide phyllic-argillic vein halos.							
						MD	GN	PA	SIL	1I		
						LT	PK		PRO	2I		
						LT	WH		POT	2I		
						LT	GN		ARG	3I		
									PHC	3I		
129.67	134.15	4.48	GRD	MG	Cut by hematite-dumortierite stringers at 131.07-131.76m. Pervasive propylitic overprinted by argillic-phyllic vein halos. Rubbly bottom contact is quartz feldspar porphyry.							
						MD	PK					
						MD	GN	PA				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
134.15	134.44	0.29	QFP	FG	Light green-grey quartz feldspar porphyry with sharp 65 TCA bottom contact.							
						LT	GY		HYD	3I		
						LT	GN	PO	SIL	1I		
134.44	143.12	8.68	GRD	MG	Granodiorite cut by several well-mineralized veins with dominant phyllic-argillic halos.							
									POT	1I		
						LT	WH		ARG	3I		
									PRO	1I		
						LT	GN	PA	PHC	3I		
143.12	156.32	13.20	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification.							
						MD	PK		PRO	3I		
									POT	2I		
						MD	GN	PA	SIL	2I		
156.32	157.75	1.43	BXA	MG	Brecciated granodiorite with calcite cement. Softened by clay-argillic.							
						LT	WH	BX	SIL	1I		
						LT	GN		CLY	2I		
									ARG	3I		
									PHC	1I		
157.75	165.96	8.21	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification.							
									POT	2I		
						MD	PK		PRO	3I		
						MD	GN	PA	SIL	2I		
165.96	167.50	1.54	GRD	MG	Soft, rubbly phyllic-argillic vein halo with 2 banded smoky quartz veins.							
						LT	GN	RB	PHC	3I		
						LT	GY		ARG	2I		
167.50	184.40	16.90	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification.							
						MD	GN	PA	SIL	2I		
									POT	2I		
						MD	PK		PRO	3I		

KL-14-169

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	3.05	100	1.95	64	--	3H	1W	
4.57	7.62	3.05	3.03	99	0.89	29	--	3H	1W	
7.62	10.67	3.05	2.86	94	0.72	24	--	2H	1W	
10.67	13.72	3.05	2.91	95	1.57	51	--	3H	1W	
13.72	16.76	3.04	3.03	100	1.51	50	--	3H	1W	
16.76	19.81	3.05	3.05	100	0.36	12	--	3H	1W	
19.81	22.86	3.05	2.88	94	1.70	56	--	3H	1W	
22.86	25.91	3.05	2.71	89	1.19	39	--	3H	1W	
25.91	28.95	3.04	3.04	100	0.43	14	--	2H	1W	
28.95	32.00	3.05	3.05	100	1.02	33	--	4H	1W	
32.00	35.05	3.05	2.92	96	2.45	80	--	4H	1W	
35.05	38.10	3.05	2.85	93	1.57	51	--	4H	1W	
38.10	41.15	3.05	2.91	95	2.15	70	--	3H	1W	
41.15	44.20	3.05	2.16	71	0.87	29	--	3H	1W	
44.20	47.24	3.04	3	99	2.30	76	--	3H	1W	
47.24	50.29	3.05	2.87	94	1.89	62	--	3H	1W	
50.29	53.34	3.05	2.89	95	1.36	45	--	3H	1W	
53.34	56.39	3.05	3.05	100	1.83	60	--	4H	1W	
56.39	59.44	3.05	2.83	93	1.70	56	--	4H	1W	
59.44	62.48	3.04	3.02	99	1.37	45	--	4H	1W	
62.48	65.53	3.05	3	98	1.35	44	--	3H	1W	
65.53	68.58	3.05	2.9	95	1.62	53	--	3H	1W	
68.58	71.63	3.05	3	98	1.51	50	--	3H	1W	
71.63	74.68	3.05	2.83	93	1.52	50	--	2H	1W	
74.68	77.72	3.04	2.89	95	0.81	27	--	3H	1W	
77.72	80.77	3.05	2.82	92	0.93	30	--	3H	1W	
80.77	83.82	3.05	2.73	90	1.93	63	--	3H	1W	
83.82	86.87	3.05	2.92	96	2.34	77	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	3.05	100	2.13	70	--	3H	1W	
89.92	92.96	3.04	2.97	98	1.88	62	--	4H	1W	
92.96	96.01	3.05	2.95	97	1.90	62	--	3H	1W	
96.01	99.06	3.05	2.75	90	1.16	38	--	2H	1W	
99.06	102.11	3.05	2.99	98	2.32	76	--	3H	1W	
102.11	105.16	3.05	2.82	92	1.65	54	--	3H	1W	
105.16	108.20	3.04	2.99	98	2.53	83	--	3H	1W	
108.20	111.25	3.05	2.87	94	1.91	63	--	3H	1W	
111.25	114.30	3.05	2.93	96	2.39	78	--	3H	1W	
114.30	117.35	3.05	3.05	100	2.96	97	--	4H	1W	
117.35	120.40	3.05	3.05	100	2.71	89	--	4H	1W	
120.40	123.44	3.04	3.04	100	2.63	87	--	4H	1W	
123.44	126.49	3.05	2.94	96	2.32	76	--	4H	1W	
126.49	129.54	3.05	3	98	1.83	60	--	3H	1W	
129.54	132.59	3.05	2.91	95	2.20	72	--	3H	1W	
132.59	135.64	3.05	2.97	97	1.26	41	--	3H	1W	
135.64	138.68	3.04	2.98	98	1.82	60	--	2H	1W	
138.68	141.73	3.05	2.99	98	1.88	62	--	2H	1W	
141.73	144.78	3.05	2.78	91	1.74	57	--	4H	1W	
144.78	147.83	3.05	2.93	96	1.36	45	--	4H	1W	
147.83	150.88	3.05	2.94	96	0.99	32	--	4H	1W	
150.88	153.92	3.04	2.91	96	2.04	67	--	4H	1W	
153.92	156.97	3.05	2.91	95	1.29	42	--	4H	1W	
156.97	160.02	3.05	2.81	92	1.73	57	--	2H	1W	
160.02	163.07	3.05	2.98	98	2.21	72	--	4H	1W	
163.07	166.12	3.05	3.05	100	2.39	78	--	4H	1W	
166.12	169.16	3.04	2.83	93	1.94	64	--	3H	1W	
169.16	172.21	3.05	3	98	2.71	89	--	4H	1W	
172.21	175.26	3.05	3	98	2.81	92	--	4H	1W	
175.26	178.31	3.05	2.98	98	2.64	87	--	4H	1W	
178.31	181.36	3.05	3.02	99	2.51	82	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.36	184.40	3.04	2.95	97	2.78	91	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	18.4	GRD	
3	1.33	GRD	
4	0.814	GRD	
5	0.53	GRD	
6	0.411	GRD	
7	0.543	GRD	
8	0.426	GRD	
9	0.68	GRD	
10	0.455	GRD	
11	0.624	GRD	
12	3.62	GRD	
13	5.81	GRD	
14	0.612	GRD	
15	0.48	GRD	
16	0.569	GRD	
17	0.36	GRD	
18	0.538	GRD	
19	8.51	GRD	
20	0.622	GRD	
21	1.52	GRD	
22	7.87	GRD	
23	3.18	GRD	
24	4.17	GRD	
25	1.17	GRD	
26	4.03	GRD	
27	2.71	GRD	
28	13.5	GRD	
29	5.42	GRD	
30	2.82	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	12	GRD	
32	6.47	GRD	
33	16.6	GRD	
34	2.67	GRD	
35	18.5	GRD	
36	19.7	GRD	
37	1.12	GRD	
38	0.366	GRD	
39	0.274	GRD	
40	0.307	GRD	
41	0.678	GRD	
42	0.247	QFP	
43	0.286	QFP	
44	0.82	GRD	
45	0.31	GRD	
46	0.346	QFP	
47	0.317	QFP	
48	0.346	GRD	
49	0.19	GRD	
50	1.18	GRD	
51	0.405	GRD	
52	0.874	GRD	
53	0.596	GRD	
54	0.749	GRD	
55	13.3	GRD	
56	12.9	GRD	
57	2.36	GRD	
58	17	GRD	
59	18.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	18.8	GRD	
61	15.2	GRD	
62	1.71	GRD	
63	0.929	GRD	
64	1.57	GRD	
65	3.66	GRD	
66	0.323	GRD	
67	0.387	GRD	
68	0.762	GRD	
69	5.53	GRD	
70	0.398	GRD	
71	9.07	GRD	
72	0.503	GRD	
73	0.433	GRD	
74	0.321	GRD	
75	4.81	GRD	
76	0.645	GRD	
77	0.323	GRD	
78	0.043	GRD	
79	0.343	GRD	
80	0.636	GRD	
81	11.9	GRD	
82	1.93	GRD	
83	1.99	GRD	
84	2.58	GRD	
85	4.18	GRD	
86	3.12	GRD	
87	1.69	GRD	
88	3.53	GRD	
89	0.281	GRD	
90	1	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
91	0.596	GRD	
92	0.492	GRD	
93	0.409	GRD	
94	0.42	GRD	
95	0.703	VEN	
96	3.07	GRD	
97	0.401	GRD	
98	0.76	GRD	
99	0.609	GRD	
100	0.504	GRD	
101	0.581	QFP	
102	0.156	QFP	
103	0.314	QFP	
104	0.335	QFP	
105	0.244	QFP	
106	0.231	QFP	
107	0.25	QFP	
108	0.277	QFP	
109	0.37	QFP	
110	0.397	QFP	
111	0.292	QFP	
112	0.683	QFP	
113	0.341	GRD	
114	0.45	GRD	
115	12.5	GRD	
116	9.03	GRD	
117	16.8	GRD	
118	18.5	GRD	
119	26.7	GRD	
120	14.9	GRD	
121	15	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	7.82	GRD	
123	4.61	GRD	
124	0.455	GRD	
125	0.494	GRD	
126	0.329	GRD	
127	0.286	GRD	
128	0.515	GRD	
129	0.473	GRD	
130	2.1	GRD	
131	4.92	GRD	
132	0.819	GRD	
133	0.945	GRD	
134	0.366	GRD	
135	0.542	GRD	
136	0.566	GRD	
137	0.498	GRD	
138	0.396	GRD	
139	0.248	GRD	
140	0.199	GRD	
141	0.213	GRD	
142	10.4	GRD	
143	0.922	GRD	
144	20.2	GRD	
145	5.05	GRD	
146	24.8	GRD	
147	5.77	GRD	
148	24.1	GRD	
149	19.4	GRD	
150	19.6	GRD	
151	21.1	GRD	
152	0.516	GRD	
153	5.93	GRD	
154	21.9	GRD	
155	6.38	GRD	
156	0.738	GRD	
157	0.297	BXA	
158	0.979	GRD	
159	12.5	GRD	
160	24.5	GRD	
161	21.9	GRD	
162	47.1	GRD	
163	22.4	GRD	
164	22.2	GRD	
165	21	GRD	
166	0.303	GRD	
167	0.294	GRD	
168	3.22	GRD	
169	19.4	GRD	
170	22.9	GRD	
171	17.7	GRD	
172	19.1	GRD	
173	19	GRD	
174	18.7	GRD	
175	17.5	GRD	
176	19.4	GRD	
177	23.2	GRD	
178	18.9	GRD	
179	14.3	GRD	
180	17.4	GRD	
181	17.7	GRD	
182	18.6	GRD	
183	17.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
184	16.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381991	6889864	1343.47	203.3

ZONE: Central BRX

SECTION:

HOLE: KL-14-170

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 06 - Jul 08, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
203.3	34.6	-50.4	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.26	4.26	CAS
4.26	44.8	40.54	GRD
44.8	138.65	93.85	GRD
138.65	184.03	45.38	GRD
184.03	185.18	1.15	VEN
185.18	188.96	3.78	QFP
188.96	189.23	0.27	BXA
189.23	197.26	8.03	GRD
197.26	203.3	6.04	GRD

SAMPLES	
Numbers:	Q016878, Q016880 to Q016882, Q925170 to Q925265
Total:	110
Batch:	060, 061, 063, 064, 066, 093
Certificates:	WH14098562, WH14107835, WH14107836, WH14107838, WH14107839, WH14113787

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-170

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.26	6.95
2	6.95	10
3	10	13.24
4	13.24	16.46
5	16.46	19.65
6	19.65	22.67
7	22.67	25.88
8	25.88	29.03
9	29.03	32.12
10	32.12	35.22
11	35.22	38.45
12	38.45	41.61
13	41.61	44.8
14	44.8	47.94
15	47.94	51.06
16	51.06	54.47
17	54.47	57.47
18	57.47	60.47
19	60.47	63.58
20	63.58	66.55
21	66.55	69.68
22	69.68	72.88
23	72.88	76.17
24	76.17	76.31
25	76.31	79.31
26	79.31	82.66
27	82.66	85.73
28	85.73	91.97
29	91.97	95.12
30	95.12	97.97
31	97.97	100.72
32	100.72	103.49
33	103.49	105.42
34	105.42	108.89
35	108.89	111.99
36	111.99	115.36
37	115.36	118.57
38	118.57	121.78
39	121.78	124.68
40	124.68	127.8
41	127.8	130.75
42	130.75	134.07
43	134.07	136.92
44	136.92	140.02
45	140.02	143.03
46	143.03	145.73
47	145.73	148.71
48	148.71	151.49
49	151.49	154.53
50	154.53	157.72
51	157.72	160.63
52	160.63	163.56
53	163.56	166.41
54	166.41	169.13
55	169.13	172.2
56	172.2	174.92
57	174.92	177.12
58	177.12	180.78
59	180.78	183.84
60	183.84	186.76
61	186.76	189.94
62	189.94	193.25
63	193.25	195.58
64	195.58	198.81
65	198.81	201.66
66	201.66	203.3

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-170									
	66.96	8.4	HQ	GRD	674.8	424.2	2.75	2.7	Moderately phyllic altered granodiorite. Hosts a 0.1cm carbonate veinlet.
	124.61	9.4	HQ	GRD	806.4	528	2.94	2.9	White carbonate brecciating grey quartz. Hosts disseminated pyrite and sphalerite.
	184.19	13.5	HQ	VEN	1258.4	812.9	3.19	2.8	White carbonate breccia. Large clasts of silicified phyllic altered granodiorite and smokey quartz hosting disseminated pyrite, sphalerite, galena and arsenopyrite.
	185.04	15.5	HQ	VEN	1847.3	1371.3	4.08	3.9	Portion of breccia vein. Semi-banded, semi-massive galena and sphalerite. Hosts disseminate to blebby pyrite and arsenopyrite. Hosted in smokey quartz. Cross-cut by carbonate veinlets. Last 6cm of sample are strongly silicified phyllic altered granodiorite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
14.40	16.81	2.41	GRD	MG	Moderate argillic altered granodiorite with weak silicification, pervasive moderate oxidation and goethite and limonite bands on fractures surfaces. Quartz- ankerite-calcite stringers and veinlets thoughout.							
									SIL	2I	Li	15
									OXI	3I		
									ARG	3I	Go	15
19.20	22.66	3.46	GRD	MG	Moderate phyllic altered granodiorite with patchy weak to intense argillic alteration occuring with weak to strong oxidation around natural breakages. Disseminated pyrite visible in areas without argillic alteration/oxidation. 2mm smoky quartz veinlets with 4 cm spacing. 50 cm argillic/phyllic/oxidized rubble zone.							
									PHC	3I	Py	1
									ARG	4I		
									SIL	2I		
									OXI	3I		
31.20	32.12	0.92	GRD	MG	Moderate phyllic altered granodiorite with patchy weak to intense argillic alteration occuring with weak oxidation around natural breakages. Disseminated pyrite visible in areas without argillic alteration/oxidation.							
									PHC	3I	Py	1
									ARG	4I		
									SIL	2I		
									OXI	3I		
44.80	62.36	17.56	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	3I		
62.36	66.41	4.05	GRD	MG	Strong argillic altered granodiorite with milky quartz veins and veinlets. Weak pottassic overprint.							
						DK	GY		ARG	4I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
66.41	68.63	2.22	GRD	MG	Moderate phyllic altered granodiorite with weak silicification. Cut by smoky quartz, ankerite veinlets. Spacing 0.15 m							
						LT	GN		PHC	3I		
									SIL	2I		
68.63	96.35	27.72	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	2I		
96.35	97.38	1.03	GRD	MG	Moderate phyllic altered granodiorite with weak silicification enveloping quartz-carbonate veinlets.							
						LT	GN		PHC	3I		
									SIL	2I		
97.38	99.67	2.29	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	2I		
99.67	101.61	1.94	GRD	MG	Rubbly moderate propalytic altered granodiorite with weak chloritization and silicification. Disseminated pyrite.							
						MD	GN		CHL	2I	Py	0.1
									SIL	2I		
									PRO	3I		
101.61	102.34	0.73	GRD	MG	Strong phyllic altered proximal and strong propalytic distal to quartz veins and veinlets in weakly silicified granodiorite.							
						MD	GN		PHC	4I		
									PRO	4I		
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
102.34	103.24	0.90	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	2I		
105.98	111.31	5.33	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	2I		
111.31	115.41	4.10	GRD	MG	Wide moderate phyllic altered enveloping quartz carbonate veinlets with patchy moderate propalytic alteration.							
						LT	GN		PHC	3I		
									SIL	2I		
									PRO	3I		
115.41	119.01	3.60	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						LT	GN		PHC	3I		
									SIL	2I		
									PRO	3I		
119.01	135.14	16.13	GRD	MG	Patchy and overprinted alteration zones: Weak to strong sphyllic, moderate to strong pottassic, weak to strong argillic, weak chloritic. Phyllic zones proximal to carbonate veinlets and veins.							
									PHC	3I		
									POT	3I		
									ARG	3I		
									CHL	2I		
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
135.14	138.13	2.99	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	3I		
138.13	138.65	0.52	GRD	MG	Moderate phyllic, weak pottassic overprinted alteration halos of 2 carbonate veins. Stringers of smoky quartz hosting pyrite also present							
						LT	GN		PHC	3I	Py	1.5
									SIL	3I		
									POT	2I		
151.31	152.29	0.98	GRD	MG	Modertate to strong phyllic, weak propalytic altered granodiorite halos around carbonate veinlets and veins. Weak silicification.							
						LT	GN		PHC	3I		
									PRO	2I		
									SIL	2I		
152.29	155.01	2.72	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	3I		
155.01	156.58	1.57	GRD	MG	Weak phyllic altered granodiorite with moderate pottassic alteration and weak silicification. Carbonated veinlets throughout.							
						LT	GN		PHC	2I		
									POT	3I		
									SIL	2I		
156.58	158.18	1.60	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY	RB				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
158.18	158.73	0.55	GRD	MG	Weak phyllic altered granodiorite with moderate pottassic alteration and weak silicification. Carbonated veinlets throughout.							
						LT	GN		PHC	2I		
									POT	3I		
									SIL	2I		
158.73	162.54	3.81	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	3I		
162.54	163.56	1.02	GRD	MG	Weak phyllic altered granodiorite with weak silicification. Carbonated veinlets throughout.							
						LT	GN		PHC	2I		
									SIL	2I		
163.56	166.65	3.09	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	3I		
166.65	167.36	0.71	GRD	MG	Strong phyllic altered, weakly silicified halos about 2 quartz-carbonated veinlets and veins.							
						LT	GN		PHC	4I		
									SIL	2I		
167.36	176.58	9.22	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint. Has some rubble zones							
									CHL	2I		
									POT	1I		
									SIL	3I		
176.58	178.82	2.24	GRD	MG	Patchy alteration zones with strong phyllic, strong propallytic, weak to strong argillic and moderate pottasic sections.							
									PRO	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	3I		
									PHC	4I		
									POT	3I		
178.82	179.09	0.27	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
									CHL	2I		
									POT	1I		
									SIL	3I		
179.09	184.03	4.94	GRD	MG	Moderate to strong phyllic, trace to moderate pottasicve altered alteration halo around main BRX vein.							
									SIL	2I		
									PHC	3I		
									POT	2I		
184.03	184.40	0.37	VEN	MG	Quartz-ankerite-calcite vein with moderate to intensely silicified breccia textures. Contains blebby and disseminated pyrite and arsenopyrite.							
								BX	SIL	4I	Py	1
											As	0.5
184.40	184.97	0.57	BXA	MG	Strong phyllic altered granodiorite breccia with weak smoky quartz silicification cut by ankerite veins and veinlets with blebby pyrite,sphalerite throughout as well as disseminated pyrite.							
								BX	PHC	4I		
									PRO	4I		
									SIL	2I		
184.97	185.18	0.21	VEN	MG	Intensely mineralized vein with semi-massive bulging galena, semi-massive honey brown and blackjack sphalerite with interstitial milky quartz and galena, blebby pyrite, sphalerite, arsenopyrite, chalcopyrite, galena and veinlets of all listed minerals. Carbonated veinlets with colloform textures.							
											Py	15
											Cp	10
											Sp	25
											As	10
											Gn	30
185.18	187.21	2.03	QFP	MG	Grey green quartz feldspar dyke with dense blebby, discontinuous veinlets and vein of carbonates.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN					
188.96	189.23	0.27	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	3I		
189.23	197.26	8.03	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									POT	1I		
									SIL	3I		
197.26	203.30	6.04	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
						MD	GY		CHL	2I		
									SIL	3I		
									POT	1I		

KL-14-170

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.26	44.80	40.54	GRD	MG	Weak chloritized, moderately silicified granodiorite with moderate to weak oxidation (strongest on fracture surfaces and Calcite stringers.) Patchy calcite stringers with 0.05 to 0.3 meter spacing.							
									SIL	3I		
									OXI	3I		
						LT	GY		CHL	2I		
44.80	138.65	93.85	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
									POT	1I		
						MD	GY		CHL	2I		
									SIL	2I		
138.65	184.03	45.38	GRD	MG	Moderate phyllic, weak pottassic overprinted alteration halos of carbonate veins							
									SIL	3I		
									POT	2I		
						MD	GY		PHC	3I		
185.18	188.96	3.78	QFP	MG	Grey-green to grey-red quartz feldspar dyke with frequent carbonate veinlets and stringers. Dyke has minor porphyritic textures in some areas.							
						MD	GN	PO				
188.96	189.23	0.27	BXA	MG	Smoky quartz-ankerite-calcite breccia							
						LT	GY					
189.23	197.26	8.03	GRD	MG	Moderate phyllic, weak to moderate propalytic altered granodiorite with weak silicification. Some gouge.							
									SIL	2I		
									PRO	2I		
						MD	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
197.26	203.30	6.04	GRD	MG	Weak chlorite, moderately silicified granodiorite with patchy quartz, ankerite and calcite stringers and veinlets with 10-30 centimeter phyllic envelopes spaced 0.5 to 2 meters. Patchy trace pottassic overprint.							
									POT	1I		
									SIL	3I		
						MD	GY		CHL	2I		

KL-14-170

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.26	4.26	0	0	0.00	0	--	--	--	Casing, no recovery
4.26	5.18	0.92	0.84	91	0.00	0	--	4H	3W	
5.18	8.23	3.05	3.05	100	2.05	67	--	4H	2W	
8.23	11.28	3.05	2.85	93	2.10	69	--	4H	2W	
11.28	14.33	3.05	2.9	95	1.72	56	--	4H	2W	
14.33	17.37	3.04	3.04	100	1.99	65	--	3H	3W	
17.37	20.42	3.05	3.03	99	2.12	70	--	4H	2W	
20.42	23.47	3.05	2.65	87	2.03	67	--	3H	3W	
23.47	26.52	3.05	3	98	2.66	87	--	4H	2W	
26.52	29.57	3.05	3.03	99	2.45	80	--	4H	2W	
29.57	32.61	3.04	2.93	96	1.88	62	--	4H	2W	
32.61	35.66	3.05	3.04	100	2.26	74	--	4H	2W	
35.66	38.71	3.05	2.96	97	1.78	58	--	4H	2W	
38.71	41.76	3.05	3.05	100	2.46	81	--	4H	1W	
41.76	44.80	3.04	3.04	100	2.30	76	--	4H	2W	
44.80	47.85	3.05	2.99	98	2.07	68	--	4H	2W	
47.85	50.90	3.05	2.99	98	2.25	74	--	4H	1W	
50.90	53.95	3.05	3.02	99	2.44	80	--	4H	1W	
53.95	57.00	3.05	3.05	100	2.38	78	--	4H	1W	
57.00	60.05	3.05	3.05	100	2.82	92	--	3H	1W	
60.05	63.09	3.04	3.04	100	1.92	63	--	3H	1W	
63.09	66.14	3.05	2.04	67	1.52	50	--	2H	1W	
66.14	69.19	3.05	3.05	100	1.63	53	--	4H	1W	
69.19	72.24	3.05	3.05	100	2.77	91	--	4H	1W	
72.24	75.29	3.05	2.85	93	2.59	85	--	4H	1W	
75.29	78.33	3.04	3.04	100	2.48	82	--	4H	1W	
78.33	81.38	3.05	3.01	99	2.57	84	--	4H	1W	
81.38	84.43	3.05	2.94	96	2.12	70	--	4H	1W	
84.43	87.48	3.05	3	98	2.30	75	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	2.41	79	--	4H	1W	
90.53	93.57	3.04	3.04	100	1.12	37	--	4H	1W	
93.57	96.62	3.05	2.99	98	1.63	53	--	4H	1W	
96.62	99.67	3.05	3.05	100	1.95	64	--	4H	1W	
99.67	102.72	3.05	2.61	86	0.98	32	--	3H	1W	
102.72	105.77	3.05	2.35	77	0.53	17	--	2H	1W	
105.77	108.81	3.04	2.93	96	1.34	44	--	3H	1W	
108.81	111.86	3.05	3.05	100	2.63	86	--	4H	1W	
111.86	114.91	3.05	3.02	99	2.66	87	--	3H	1W	
114.91	117.96	3.05	2.98	98	2.89	95	--	4H	1W	
117.96	121.01	3.05	3.05	100	2.99	98	--	3H	1W	
121.01	124.05	3.04	3.04	100	1.38	45	--	3H	1W	
124.05	127.10	3.05	3	98	2.40	79	--	3H	1W	
127.10	130.15	3.05	3.05	100	1.53	50	--	3H	1W	
130.15	133.20	3.05	2.74	90	1.33	44	--	3H	1W	
133.20	136.25	3.05	3.05	100	2.48	81	--	3H	1W	
136.25	139.29	3.04	3.04	100	1.50	49	--	3H	1W	
139.29	142.34	3.05	3.05	100	1.92	63	--	4H	1W	
142.34	145.39	3.05	3.02	99	1.50	49	--	2H	1W	
145.39	148.44	3.05	2.92	96	1.94	64	--	3H	1W	
148.44	151.49	3.05	2.81	92	0.39	13	--	2H	1W	
151.49	154.53	3.04	3.04	100	2.20	72	--	3H	1W	
154.53	157.58	3.05	3.05	100	2.64	87	--	4H	1W	
157.58	160.63	3.05	2.78	91	0.96	31	--	2H	1W	
160.63	163.68	3.05	3.05	100	1.65	54	--	2H	1W	
163.68	166.73	3.05	2.8	92	0.97	32	--	2H	1W	
166.73	169.77	3.04	2.85	94	1.10	36	--	2H	1W	
169.77	172.82	3.05	2.4	79	1.13	37	--	2H	1W	
172.82	175.87	3.05	3.05	100	1.10	36	--	2H	1W	
175.87	178.92	3.05	3.05	100	1.77	58	--	2H	1W	
178.92	181.97	3.05	2.87	94	2.59	85	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.03	100	2.70	89	--	3H	1W	
185.01	188.06	3.05	3.03	99	2.02	66	--	4H	1W	
188.06	191.11	3.05	2.98	98	1.73	57	--	4H	1W	
191.11	194.16	3.05	2.8	92	2.04	67	--	4H	1W	
194.16	197.20	3.04	3.02	99	2.08	68	--	3H	1W	
197.20	200.25	3.05	2.98	98	1.51	50	--	3H	1W	
200.25	203.30	3.05	3.04	100	1.92	63	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
1	0	CAS	
2	0	CAS	
3	0	CAS	
4	0	CAS	
5	0.542	GRD	
6	13.4	GRD	
7	15.9	GRD	
8	14.7	GRD	
9	17.3	GRD	
10	16.5	GRD	
11	17.6	GRD	
12	16.1	GRD	
13	1.87	GRD	
14	13.9	GRD	
15	0.273	GRD	
16	0.282	GRD	
17	13	GRD	
18	10.5	GRD	
19	4.74	GRD	
20	0.231	GRD	
21	0.212	GRD	
22	1.25	GRD	
23	12.3	GRD	
24	13.9	GRD	
25	15.2	GRD	
26	13.9	GRD	
27	13.8	GRD	
28	9.64	GRD	
29	13.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
30	2.28	GRD	
31	16	GRD	
32	3.33	GRD	
33	17.7	GRD	
34	17	GRD	
35	11.1	GRD	
36	0.414	GRD	
37	17.1	GRD	
38	12.9	GRD	
39	15.2	GRD	
40	19.5	GRD	
41	18.5	GRD	
42	13.3	GRD	
43	16.9	GRD	
44	11	GRD	
45	20.05	GRD	
46	13.5	GRD	
47	12	GRD	
48	14.9	GRD	
49	16.3	GRD	
50	18.2	GRD	
51	18.3	GRD	
52	9.95	GRD	
53	10.4	GRD	
54	18.5	GRD	
55	0.525	GRD	
56	10.2	GRD	
57	16.5	GRD	
58	18	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
59	1.78	GRD	
60	6.92	GRD	
61	2.95	GRD	
62	10.1	GRD	
63	0.33	GRD	
64	11.1	GRD	
65	0.347	GRD	
66	3.61	GRD	
67	0.324	GRD	
68	0.196	GRD	
69	3.38	GRD	
70	6.62	GRD	
71	13.8	GRD	
72	12.9	GRD	
73	9.32	GRD	
74	7.82	GRD	
75	15.5	GRD	
76	13.7	GRD	
77	11.4	GRD	
78	6.16	GRD	
79	11.6	GRD	
80	16.7	GRD	
81	3.42	GRD	
82	8.9	GRD	
83	9.65	GRD	
84	15.3	GRD	
85	0.647	GRD	
86	0.75	GRD	
87	0.351	GRD	
88	12.2	GRD	
89	9.93	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
90	9.62	GRD	
91	5.98	GRD	
92	0.497	GRD	
93	1.27	GRD	
94	2	GRD	
95	5.55	GRD	
96	13.9	GRD	
97	0.344	GRD	
98	9.68	GRD	
99	3.68	GRD	
100	12.8	GRD	
101	10.7	GRD	
102	0.395	GRD	
103	3.34	GRD	
104	0.109	GRD	
105	0.553	GRD	
106	0.325	GRD	
107	10.6	GRD	
108	14.1	GRD	
109	7	GRD	
110	13.8	GRD	
111	12.2	GRD	
112	0.503	GRD	
113	0.271	GRD	
114	0.786	GRD	
115	0.15	GRD	
116	4.47	GRD	
117	2.21	GRD	
118	0.804	GRD	
119	0.506	GRD	
120	0.282	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
121	0.12	GRD	
122	0.133	GRD	
123	0.318	GRD	
124	2.85	GRD	
125	0.326	GRD	
126	0.281	GRD	
127	1.49	GRD	
128	10.1	GRD	
129	0.44	GRD	
130	0.339	GRD	
131	0.152	GRD	
132	0.797	GRD	
133	0.382	GRD	
134	2.36	GRD	
135	0.468	GRD	
136	11.2	GRD	
139	7.3	GRD	
140	12.8	GRD	
141	1.76	GRD	
142	0.251	GRD	
143	15.1	GRD	
144	3.48	GRD	
145	11.6	GRD	
146	9.63	GRD	
147	4.31	GRD	
148	16.5	GRD	
149	8.69	GRD	
150	0.689	GRD	
151	0.365	GRD	
152	1.04	GRD	
153	7.62	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
154	12.3	GRD	
155	3.5	GRD	
156	0.233	GRD	
157	0.699	GRD	
158	12.8	GRD	
159	5.91	GRD	
160	12.3	GRD	
161	3.23	GRD	
162	18.5	GRD	
163	0.429	GRD	
164	0.201	GRD	
165	15.3	GRD	
166	4.6	GRD	
167	0.304	GRD	
168	6.26	GRD	
169	16.6	GRD	
170	0.697	GRD	
171	0.559	GRD	
172	3.58	GRD	
173	16.1	GRD	
174	2.3	GRD	
175	0.018	GRD	
176	12.6	GRD	
177	7.59	GRD	
178	7.73	GRD	
179	5.38	GRD	
180	0.544	GRD	
181	0.752	GRD	
182	1	GRD	
183	0.598	GRD	
184	0.656	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
185	1.22	VEN	
186	0.345	QFP	
187	0.389	QFP	
188	0.397	QFP	
189	0.299	BXA	
190	0.456	GRD	
191	0.58	GRD	
192	0.22	GRD	
193	0.29	GRD	
194	0.238	GRD	
195	0.308	GRD	
196	0.939	GRD	
197	0.5	GRD	
198	14.7	GRD	
199	14.1	GRD	
200	27.3	GRD	
201	15.3	GRD	
202	13.2	GRD	
203	16.6	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382732	6890483	1346.43	156.97

ZONE: Central Klaza

SECTION:

HOLE: KL-14-171

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 3.05m, Out

Drilling Dates: Jul 07 - Jul 08, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
156.97	37.3	-50	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	26.16	24.64	GRD
26.16	32.15	5.99	GRD
32.15	50.12	17.97	GRD
50.12	58.93	8.81	QFP
58.93	76.78	17.85	GRD
76.78	77.4	0.62	VEN
77.4	83.38	5.98	GRD
83.38	101.08	17.7	GRD
101.08	105.26	4.18	QFP
105.26	109.76	4.5	GRD
109.76	110.22	0.46	BXA
110.22	112.27	2.05	QFP
112.27	118.75	6.48	GRD
118.75	126.49	7.74	GRD
126.49	129.3	2.81	QFP

SAMPLES	
Numbers:	Q016872 to Q016877, Q925494 to Q925554
Total:	78
Batch:	061, 062, 065
Certificates:	WH14098561, WH14107836, WH14107837

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

129.3	137.15	7.85	GRD
137.15	138.95	1.8	GRD
138.95	151.25	12.3	GRD
151.25	156.97	5.72	GRD

Box Log

KL-14-171

Klaza
ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	5.75
2	5.75	10.1
3	10.1	14.11
4	14.11	18.18
5	18.18	22.3
6	22.3	26.27
7	26.27	30.58
8	30.58	35.05
9	35.05	39.35
10	39.35	43.47
11	43.47	47.63
12	47.63	51.86
13	51.86	56
14	56	60.27
15	60.27	64.38
16	64.38	68.58
17	68.58	72.77
18	72.77	77.13
19	77.13	81.19
20	81.19	85.15
21	85.15	89.88
22	89.88	93.35
23	93.35	97.79
24	97.79	101.9
25	101.9	105.95
26	105.95	110.22
27	110.22	114.3
28	114.3	118.47
29	118.47	122.62
30	122.62	126.62
31	126.62	130.82
32	130.82	134.74
33	134.74	138.68
34	138.68	143.06
35	143.06	147.35
36	147.35	151.47
37	151.47	155.75
38	155.75	156.97

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-171									
	28.96	15.6	NQ2	GRD	826.6	523.4	2.5	2.7	Moderately silicified phyllic altered granodiorite with a weak propyllitic overprint.
	47.63	15.5	NQ2	GRD	733.1	437.9	2.23	2.5	Moderately argillic altered granodiorite with a weak phyllic, potassic, and propyllitic overprint.
	90.83	11.4	NQ2	GRD	677.5	444.6	2.8	2.9	Massive quartz vein with weak ankerite fragments. Blebby pyrite, sphalerite, galena, chalcopyrite and arsenopyrite.
	109.81	18	NQ2	BXA	989.9	622.8	2.59	2.7	Black quartz breccia with granodiorite clasts hosting disseminated pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	3.65	2.13	GRD	MG	Granodiorite with patchy propylitic, potassic, and silicification. Overprinted by fracture associated oxidation.							
						MD	GN	RB	SIL	3I		
						MD	GY	PA	OXI	2I		
						LT	GN		PRO	2I		
						LT	BN		POT	2I		
3.65	6.48	2.83	GRD	MG	Oxidized phyllic-argillic vein halos on calcite-quartz veins.							
						LT	WH		OXI	3I		
						LT	BN		ARG	3I		
									PHC	2I		
6.48	16.15	9.67	GRD	MG	Granodiorite with patchy propylitic, potassic, and silicification. Overprinted by fracture associated oxidation.							
						MD	GY		OXI	1I		
						MD	GN		SIL	3I		
						LT	GN		PRO	2I		
						LT	BN		POT	2I		
16.15	17.13	0.98	GRD	MG	Oxidized phyllic-argillic vein halos on calcite-quartz veins.							
						LT	WH	PA	OXI	2I		
						LT	GN		ARG	2I		
						LT	BN		PHC	2I		
17.13	21.12	3.99	GRD	MG	Granodiorite with patchy propylitic, potassic, and silicification. Overprinted by fracture associated oxidation.							
						MD	GY		OXI	1I		
						LT	BN		SIL	3I		
									PRO	2I		
									POT	1I		
21.12	22.21	1.09	GRD	MG	Oxidized phyllic-argillic vein halos on calcite-quartz veins.							
						LT	WH		OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	BN		ARG	2I		
									PHC	1I		
22.21	26.16	3.95	GRD	MG	Granodiorite with patchy propylitic, potassic, and silicification. Overprinted by fracture associated oxidation.							
						MD	GY		OXI	1I		
						LT	BN		SIL	3I		
									PRO	2I		
									POT	1I		
26.16	32.15	5.99	GRD	MG	Moderate phyllic-argillic from vein halos overprinting propylitic. Patchy silicification and fracture-associated oxidation. Cut by white calcite-ankerite veins and smoky quartz-pyrite stringers.							
						MD	GN		SIL	2I		
						LT	GN	PA	OXI	1I	Py	3
						LT	WH		PHC	3I		
									PRO	1I		
									ARG	2I		
32.15	37.44	5.29	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, patchy silicification, and fracture-associated oxidation.							
						MD	GY		OXI	1I		
						MD	GN		SIL	3I		
									PRO	3I		
									POT	1I		
37.44	41.90	4.46	GRD	MG	Phyllic to argillic vein halo.							
						LT	GN	PA	SIL	2I		
						LT	WH		PHC	3I		
						LT	PK		ARG	2I		
41.90	46.14	4.24	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, patchy silicification, and fracture-associated oxidation.							
						MD	GY		SIL	2I		
						MD	GN		PRO	3I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
46.14	50.12	3.98	GRD	MG	Phyllic-argillic vein halo.							
						LT	WH	PA	PHC	2I		
						LT	GN		ARG	2I		
						LT	PK		POT	2I		
50.12	53.34	3.22	QFP	FG	Light maroon quartz feldspar porphyry dyke.							
						LT	MR	PO	HYD	4I		
53.34	55.70	2.36	QFP	FG	Light green-grey quartz feldspar porphyry dyke with gouged-rubbly contacts at light maroon quartz feldspar porphyry dyke.							
						LT	GN	PO	HYD	4I		
						LT	GY					
55.70	58.93	3.23	QFP	FG	Light maroon quartz feldspar porphyry dyke with 45 TCA bottom contact.							
						LT	MR	PO	HYD	4I		
58.93	76.78	17.85	GRD	MG	Pervasive propylitic with patchy silicification overprinted by phyllic-argillic vein halos. Cut by black quartz vein breccias and several mineralized quartz-calcite-ankerite veins.							
						MD	GN	PA	SIL	2I		
						LT	GN		PRO	3I		
						LT	WH		PHC	2I		
									ARG	2I		
76.78	77.40	0.62	VEN	MG	Smoky quartz vein that has some brecciation, hosting granodiorite clasts and fragments of massive pyrite veins. Smoky quartz is weakly banded, with interstitial ankerite and netted calcite stringers. Hosts blebby-massive pyrite, blebby arsenopyrite, blebby honey brown sphalerite, blebby-disseminated galena, and blebby chalcopyrite.							
						MD	BR	BX	SIL	2I	Py	10
						DK	GY				As	5
											Gn	2
											Sp	5
											Cp	5
77.40	83.38	5.98	GRD	MG	Pervasive phyllic vein halo with weak argillic and patchy silicification. Cut by several sulphide mineralized veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	4I		
						LT	GN		SIL	3I	Py	1
									ARG	1I		
83.38	101.08	17.70	GRD	MG	Granodiorite with pervasive propylitic and patchy potassic, overprinted by phyllic to argillic vein halos. 45 TCA sharp bottom contact.							
						MD	GN		PHC	2I		
						MD	GY		PRO	3I		
						MD	PK		POT	2I		
						LT	GN	PA	SIL	2I		
									ARG	1I		
101.08	105.26	4.18	QFP	FG	60 TCA sharp, flow banded bottom contact.							
						LT	GN	PO	SIL	2I		
						LT	PK		HYD	4I		
105.26	109.76	4.50	GRD	MG	Granodiorite with pervasive propylitic and patchy potassic, overprinted by phyllic to argillic vein halos.							
						MD	PK		POT	2I		
						MD	GN		PHC	2I		
						MD	GY		PRO	3I		
						LT	GN	PA	SIL	2I		
									ARG	1I		
109.76	110.22	0.46	BXA	FG	70 TCA top contact, 60 TCA bottom sharp contacts. Black quartz breccia with cobble-pebble subrounded clasts of argillic-propylitic granodiorite. Disseminated pyrite in black quartz.							
						MD	GN		PRO	1I		
						DK	BK	BX	ARG	2I	Py	2
110.22	112.27	2.05	QFP	FG	50 TCA sharp, chilled, flow banded bottom contact. Medium maroon quartz feldspar porphyry dyke.							
						MD	MR	PO	SIL	1I		
									HYD	4I		
112.27	115.81	3.54	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification overprinted by rare phyllic-argillic vein halos.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	SIL	3I		
						MD	GY		POT	2I		
						LT	GY		PRO	3I		
									PHC	1I		
									ARG	1I		
115.81	115.99	0.18	BXA	FG	Sharp 60 TCA contacts. Fine-grained black quartz matrix with high density of sand-sized granodiorite clasts. Disseminated pyrite in black quartz. Phyllic alteration in clasts.							
						LT	GN	BX	SIL	3I	Py	1
						DK	BK		PHC	2I		
115.99	118.75	2.76	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification overprinted by rare phyllic-argillic vein halos. Cut by black breccia veins.							
						MD	GN	PA	SIL	3I		
						MD	GY		PRO	3I		
						LT	GY		POT	2I		
									PHC	1I		
									ARG	1I		
118.75	126.49	7.74	GRD	MG	Granodiorite with phyllic-argillic vein halos and disseminated pyrite throughout. Cut by mineralized smoky quartz-carbonate veins. Sharp 65 TCA contact with quartz feldspar porphyry.							
						LT	GN	PA	PHC	3I	Py	3
						LT	GY		ARG	3I		
						LT	WH					
126.49	127.37	0.88	QFP	FG	Interfingered quartz feldspar porphyry and granodiorite.							
						MD	GY		HYD	4I		
						LT	GN	PO	SIL	2I		
127.37	127.97	0.60	GRD	MG	Phyllic altered granodiorite.							
						LT	GN		PHC	3I		
127.97	128.26	0.29	QFP	FG	Interfingered quartz feldspar porphyry and granodiorite.							
						MD	GY		HYD	4I		
						LT	GN	PO	SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
128.26	128.51	0.25	GRD	MG	Narrow phyllic altered granodiorite with smoky quartz vein hosting pyrite and sphalerite.							
						LT	GN		PHC	3I	Py	10
											Sp	5
128.51	129.30	0.79	QFP	FG	Interfingered quartz feldspar porphyry and granodiorite. Rubbly lower contact.							
						MD	GN		HYD	4I		
						LT	GN	PO	SIL	2I		
129.30	137.15	7.85	GRD	MG	Granodiorite with pervasive propylitic overprinted by patchy silicification and phyllic-argillic vein halos.							
						MD	GN		PHC	2I		
						LT	WH		ARG	2I		
						LT	GN		SIL	2I		
									PRO	3I		
137.15	138.95	1.80	GRD	MG	Phyllic granodiorite cut by 4 well mineralized veins.							
						LT	TN		PHC	3I	Py	1
											As	1
											Sp	1
138.95	151.25	12.30	GRD	MG	Granodiorite with pervasive propylitic overprinted by pathcy silicification and phyllic-argillic vein halos.							
						MD	GN					
						LT	GN					
						LT	WH					
151.25	156.97	5.72	GRD	MG	Granodiorite with pervasive propylitic overprinted by patchy potassic.							
						MD	GN	PA	SIL	2I		
						MD	GY		PRO	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	26.16	24.64	GRD	MG	Granodiorite with patchy propylitic, potassic, and silicification. Overprinted by fracture associated oxidation and phyllic-argillic vein halos.							
						LT	BN		POT	2I		
									ARG	2I		
						MD	GN		PRO	2I		
						LT	GN		SIL	3I		
						MD	GY	PA	OXI	2I	Li	5
									PHC	1I		
26.16	32.15	5.99	GRD	MG	Moderate phyllic-argillic from vein halos overprinting propylitic. Patchy silicification and fracture-associated oxidation. Cut by white calcite-ankerite veins and smoky quartz-pyrite stringers.							
						LT	GN	PA	OXI	1I		
									PRO	1I		
									ARG	2I		
						LT	WH		PHC	3I		
						MD	GN		SIL	2I		
32.15	50.12	17.97	GRD	MG	Gouge 80 TCA bottom contact. Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification. Overprinted by phyllic-argillic vein halos and fracture-associated trace oxidation.							
									ARG	2I		
						MD	GY	PA	OXI	1I		
						LT	WH		PRO	3I		
						LT	GN		POT	1I		
						MD	GN		SIL	2I		
									PHC	2I		
50.12	58.93	8.81	QFP	FG	Light grey-green-maroon quartz feldspar porphyry with 45 TCA brecciated bottom contact.							
						LT	MR					
						LT	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PO	HYD	4I		
58.93	76.78	17.85	GRD	MG	Pervasive propylitic with patchy silicification overprinted by phyllic-argillic vein halos. Cut by black quartz vein breccias and several mineralized quartz-calcite-ankerite veins.							
						LT	GN		PRO	3I		
						MD	GN	PA	SIL	2I		
									ARG	2I		
						LT	WH		PHC	2I		
76.78	77.40	0.62	VEN	MG	Smoky quartz vein that has some brecciation, hosting granodiorite clasts and fragments of massive pyrite veins. Smoky quartz is weakly banded, with interstitial ankerite and netted calcite stringers. Hosts blebby-massive pyrite, blebby arsenopyrite, blebby honey brown sphalerite, blebby-disseminated galena, and blebby chalcopyrite.							
											Cp	5
						DK	GY	BX	SIL	2I	Py	10
											Gn	2
											Sp	5
						MD	BR				As	5
77.40	83.38	5.98	GRD	MG	Pervasive phyllic vein halo with weak argillic and patchy silicification. Cut by several sulphide mineralized veins.							
						LT	GN		SIL	3I	Py	1
									ARG	1I		
						LT	WH		PHC	4I		
83.38	101.08	17.70	GRD	MG	Granodiorite with pervasive propylitic and patchy potassic, overprinted by phyllic to argillic vein halos. 45 TCA sharp bottom contact.							
						MD	PK		POT	3I		
						MD	GY		PRO	3I		
									ARG	1I		
						MD	GN		PHC	2I		
						LT	GN	PA	SIL	2I		
101.08	105.26	4.18	QFP	FG	60 TCA sharp, flow banded bottom contact.							
						LT	PK		HYD	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PO	SIL	2I		
105.26	109.76	4.50	GRD	MG	Granodiorite with pervasive propylitic and patchy potassic, overprinted by phyllic to argillic vein halos.							
									ARG	1I		
						MD	GN		PHC	2I		
						MD	GY		PRO	3I		
						MD	PK		POT	2I		
						LT	GN	PA	SIL	2I		
109.76	110.22	0.46	BXA	FG	70 TCA top contact, 60 TCA bottom sharp contacts. Black quartz breccia with cobble-pebble subrounded clasts of argillic-propylitic granodiorite. Disseminated pyrite in black quartz.							
						MD	GN		PRO	1I		
						DK	BK	BX	ARG	2I	Py	2
110.22	112.27	2.05	QFP	FG	50 TCA sharp, chilled, flow banded bottom contact. Medium maroon quartz feldspar porphyry dyke.							
						MD	MR	PO	SIL	1I		
									HYD	4I		
112.27	118.75	6.48	GRD	MG	Granodiorite with pervasive propylitic, patchy potassic, and patchy silicification overprinted by rare phyllic-argillic vein halos. Black breccia veins at 117.50-118.75m.							
						MD	GN	PA	SIL	3I		
									ARG	1I		
									PHC	1I		
						MD	GY		PRO	3I		
						LT	GY		POT	2I		
118.75	126.49	7.74	GRD	MG	Granodiorite with phyllic-argillic vein halos and disseminated pyrite throughout. Cut by mineralized smoky quartz-carbonate veins. Sharp 65 TCA contact with quartz feldspar porphyry.							
						LT	GN	PA	PHC	3I	Py	3
						LT	GY		ARG	3I		
						LT	WH					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
126.49	129.30	2.81	QFP	FG	Interfingered quartz feldspar porphyry and granodiorite.							
						LT	GN	PO	SIL	2I		
						MD	GY		HYD	4I		
129.30	137.15	7.85	GRD	MG	Granodiorite with pervasive propylitic overprinted by patchy silicification and phyllic-argillic vein halos.							
						MD	GN		PHC	2I		
						LT	WH		ARG	2I		
									PRO	3I		
						LT	GN	PA	SIL	2I		
137.15	138.95	1.80	GRD	MG	Phyllic granodiorite cut by 4 well mineralized veins.							
						LT	GN		PHC	3I	Py	1
											As	1
											Sp	1
138.95	151.25	12.30	GRD	MG	Granodiorite with pervasive propylitic overprinted by pathcy silicification and phyllic-argillic vein halos.							
						LT	GN		SIL	2I		
						MD	GN		PHC	2I		
						LT	WH		ARG	2I		
									PRO	3I		
151.25	156.97	5.72	GRD	MG	Granodiorite with pervasive propylitic overprinted by patchy potassic.							
						MD	GN	PA	SIL	2I		
						MD	GY		PRO	3I		
									POT	2I		

KL-14-171

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	2.3	75	0.97	32	--	3H	3W	
4.57	7.62	3.05	2.79	91	1.18	39	--	2H	3W	
7.62	10.67	3.05	2.87	94	1.99	65	--	4H	3W	
10.67	13.72	3.05	2.85	93	1.90	62	--	4H	2W	
13.72	16.77	3.05	2.92	96	1.73	57	--	4H	2W	
16.77	19.81	3.04	2.94	97	1.68	55	--	2H	2W	
19.81	22.86	3.05	2.95	97	0.95	31	--	1H	2W	
22.86	25.91	3.05	3.05	100	2.52	83	--	4H	2W	
25.91	28.96	3.05	2.94	96	1.68	55	--	3H	2W	
28.96	32.00	3.04	3	99	1.62	53	--	3H	2W	
32.00	35.05	3.05	2.92	96	1.65	54	--	4H	2W	
35.05	38.10	3.05	2.92	96	1.70	56	--	3H	2W	
38.10	41.15	3.05	2.92	96	1.53	50	--	3H	2W	
41.15	44.20	3.05	3.01	99	2.97	97	--	4H	1W	
44.20	47.24	3.04	3.04	100	1.92	63	--	4H	1W	
47.24	50.29	3.05	3.05	100	2.34	77	--	3H	1W	
50.29	53.34	3.05	3.05	100	1.03	34	--	3H	1W	
53.34	56.39	3.05	2.72	89	0.46	15	--	3H	1W	
56.39	59.44	3.05	3.05	100	1.56	51	--	4H	1W	
59.44	62.48	3.04	2.88	95	0.95	31	--	3H	1W	
62.48	65.53	3.05	3.05	100	1.10	36	--	3H	1W	
65.53	68.58	3.05	3.05	100	1.26	41	--	3H	1W	
68.58	71.63	3.05	2.95	97	1.37	45	--	3H	1W	
71.63	74.68	3.05	3	98	1.51	50	--	3H	1W	
74.68	77.72	3.04	2.88	95	1.45	48	--	3H	1W	
77.72	80.77	3.05	3.04	100	1.40	46	--	3H	1W	
80.77	83.82	3.05	2.98	98	1.00	33	--	3H	1W	
83.82	86.87	3.05	3.05	100	1.35	44	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.43	80	0.91	30	--	3H	1W	
89.92	92.96	3.04	3.04	100	0.81	27	--	3H	1W	
92.96	96.01	3.05	2.91	95	1.73	57	--	3H	1W	
96.01	99.06	3.05	2.98	98	1.93	63	--	3H	1W	
99.06	102.11	3.05	2.8	92	0.95	31	--	3H	1W	
102.11	105.16	3.05	3.05	100	1.05	34	--	3H	1W	
105.16	108.20	3.04	3.04	100	2.34	77	--	3H	1W	
108.20	111.25	3.05	2.95	97	2.16	71	--	3H	1W	
111.25	114.30	3.05	3.05	100	1.86	61	--	3H	1W	
114.30	117.35	3.05	2.95	97	1.82	60	--	4H	1W	
117.35	120.40	3.05	2.76	90	1.18	39	--	3H	1W	
120.40	123.44	3.04	3.03	100	0.91	30	--	3H	1W	
123.44	126.49	3.05	2.76	90	1.08	35	--	3H	1W	
126.49	129.54	3.05	2.76	90	1.22	40	--	3H	1W	
129.54	132.59	3.05	2.72	89	1.52	50	--	3H	1W	
132.59	135.64	3.05	2.63	86	1.13	37	--	3H	1W	
135.64	138.68	3.04	3.04	100	2.25	74	--	3H	1W	
138.68	141.73	3.05	2.59	85	1.11	36	--	3H	1W	
141.73	144.78	3.05	2.92	96	1.69	55	--	3H	1W	
144.78	147.83	3.05	2.8	92	1.54	50	--	3H	1W	
147.83	150.88	3.05	2.89	95	1.31	43	--	3H	1W	
150.88	153.92	3.04	2.99	98	1.64	54	--	4H	1W	
153.92	156.97	3.05	2.88	94	1.81	59	--	4H	1W	EOH

KL-14-171

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
1	0	CAS	
2	19.7	GRD	
3	16.2	GRD	
4	0.46	GRD	
5	0.528	GRD	
6	4.03	GRD	
7	21.1	GRD	
8	18.1	GRD	
9	13.5	GRD	
10	21.6	GRD	
11	21.7	GRD	
12	2.26	GRD	
13	17.4	GRD	
14	19	GRD	
15	19.9	GRD	
16	12.8	GRD	
17	0.72	GRD	
18	0.479	GRD	
19	19.1	GRD	
20	16.3	GRD	
21	12.5	GRD	
22	1.5	GRD	
23	16.7	GRD	
24	17.5	GRD	
25	16.1	GRD	
26	11.6	GRD	
27	0.572	GRD	
28	0.35	GRD	
29	0.335	GRD	
30	0.335	GRD	
31	0.535	GRD	
32	2.09	GRD	
33	15.5	GRD	
34	6.81	GRD	
35	19.5	GRD	
36	19.2	GRD	
37	26	GRD	
38	3.3	GRD	
39	0.607	GRD	
40	0.331	GRD	
41	0.791	GRD	
42	4.42	GRD	
43	2.04	GRD	
44	17.8	GRD	
45	13.3	GRD	
46	11.3	GRD	
47	0.757	GRD	
48	0.378	GRD	
49	0.408	GRD	
50	0.342	GRD	
51	0.324	QFP	
52	0.376	QFP	
53	0.416	QFP	
54	0.338	QFP	
55	0.507	QFP	
56	0.458	QFP	
57	0.351	QFP	
58	0.313	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
59	0.251	GRD	
60	0.483	GRD	
61	4.19	GRD	
62	5.53	GRD	
63	0.445	GRD	
64	0.838	GRD	
65	0.408	GRD	
66	0.268	GRD	
67	2.25	GRD	
68	0.538	GRD	
69	0.44	GRD	
70	0.183	GRD	
71	0.44	GRD	
72	0.919	GRD	
73	0.214	GRD	
74	2.2	GRD	
75	0.35	GRD	
76	0.41	GRD	
77	0.23	VEN	
78	0.482	GRD	
79	0.387	GRD	
80	0.326	GRD	
81	0.355	GRD	
82	0.708	GRD	
83	0.713	GRD	
84	3.96	GRD	
85	5.09	GRD	
86	0.411	GRD	
87	1.96	GRD	
88	0.651	GRD	
89	0.695	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
90	0.83	GRD	
91	1.14	GRD	
92	2.35	GRD	
93	11.8	GRD	
94	18.4	GRD	
95	23.1	GRD	
96	7.27	GRD	
97	1.02	GRD	
98	0.682	GRD	
99	0.836	GRD	
100	0.564	GRD	
101	0.478	GRD	
102	0.223	QFP	
103	0.257	QFP	
104	0.24	QFP	
105	0.35	QFP	
106	0.578	GRD	
107	0.315	GRD	
108	1.32	GRD	
109	1.2	GRD	
110	0.613	BXA	
111	0.401	QFP	
112	0.461	QFP	
113	9.62	GRD	
114	1.89	GRD	
115	4.45	GRD	
116	0.366	GRD	
117	6.52	GRD	
118	0.374	GRD	
119	0.178	GRD	
120	0.865	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
121	0.393	GRD	
122	0.342	GRD	
123	0.464	GRD	
124	0.159	GRD	
125	0.242	GRD	
126	0.281	GRD	
127	0.35	QFP	
128	0.353	QFP	
129	0.926	QFP	
130	0.498	GRD	
131	0.404	GRD	
132	0.452	GRD	
133	0.24	GRD	
134	3.56	GRD	
135	3.46	GRD	
136	0.512	GRD	
137	0.375	GRD	
138	0.384	GRD	
139	3.49	GRD	
140	3.72	GRD	
141	1.71	GRD	
142	1.27	GRD	
143	12.2	GRD	
144	8.07	GRD	
145	1.85	GRD	
146	0.706	GRD	
147	5.27	GRD	
148	1.14	GRD	
149	0.475	GRD	
150	0.381	GRD	
151	0.264	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
152	15.2	GRD	
153	1.93	GRD	
154	17	GRD	
155	16.5	GRD	
156	17.7	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381541	6890103	1273.42	334.37

ZONE: Western BRX

SECTION:

HOLE: KL-14-172

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 08 - Jul 13, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
334.36	39.9	-50.1	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.78	3.78	CAS
3.78	63.2	59.42	GRD
63.2	80.02	16.82	GRD
80.02	179	98.98	GRD
179	181.68	2.68	GRD
181.68	182.19	0.51	VEN
182.19	191.11	8.92	GRD
191.11	260.17	69.06	GRD
260.17	260.75	0.58	GRD
260.75	261.29	0.54	GRD
261.29	262.13	0.84	VEN
262.13	264.75	2.62	GRD
264.75	265.29	0.54	QFP
265.29	314.03	48.74	GRD
314.03	321.41	7.38	QFP
321.41	328	6.59	GRD

SAMPLES	
Numbers:	Q016883 to Q016890, Q925266 to Q925350, Q926001 to Q926042
Total:	149
Batch:	066, 067, 071, 075, 077, 093
Certificates:	WH14098562, WH14098563, WH14109128, WH14110342, WH14110344, WH14113787

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

328	330.03	2.03	QFP
330.03	334.37	4.34	GRD

Box Log

KL-14-172

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.78	6.4
2	6.4	9.55
3	9.55	12.08
4	12.08	15.25
5	15.25	17.96
6	17.96	20.9
7	20.9	23.8
8	23.8	26.8
9	26.8	29.73
10	29.73	32.61
11	32.61	35.34
12	35.34	38.1
13	38.1	41.35
14	41.35	44.35
15	44.35	47
16	47	50.9
17	50.9	55.1
18	55.1	59.45
19	59.45	62.97
20	62.97	65.9
21	65.9	69.19
22	69.19	72.1
23	72.1	75.18
24	75.18	78.33
25	78.33	81.3
26	81.3	84.19
27	84.19	87.33
28	87.33	90.35
29	90.35	93.57
30	93.57	96.62
31	96.62	99.67
32	99.67	102.29
33	102.29	105.2
34	105.2	108.18
35	108.18	111.29
36	111.29	114.35
37	114.35	117.41
38	117.41	120.19
39	120.19	123.18
40	123.18	126.25
41	126.25	128.94
42	128.94	131.89
43	131.89	135
44	135	138.15
45	138.15	141.27
46	141.27	144.1
47	144.1	147.15
48	147.15	150.29
49	150.29	153.45
50	153.45	156.65
51	156.65	159.63
52	159.63	162.59
53	162.59	166.6
54	166.6	168.54
55	168.54	171.54
56	171.54	174.71
57	174.71	177.85
58	177.85	180.77
59	180.77	183.93
60	183.93	186.95
61	186.95	189.85
62	189.85	192.95
63	192.95	195.98
64	195.98	199.07
65	199.07	202.27
66	202.27	205.44
67	205.44	208.6
68	208.6	211.54
69	211.54	214.76
70	214.76	217.83
71	217.83	220.93
72	220.93	224.06
73	224.06	227.41
74	227.41	230.32
75	230.32	233.32
76	233.32	236.28
77	236.28	239.58
78	239.58	242.26
79	242.26	245.23
80	245.23	248.51
81	248.51	251.65
82	251.65	254.85
83	254.85	257.9
84	257.9	260.75
85	260.75	263.81
86	263.81	266.79
87	266.79	270.73
88	270.73	273.94
89	273.94	277.19
90	277.19	280.26

Box Number	From (m)	To (m)
91	280.26	283.21
92	283.21	286.17
93	286.17	289.23
94	289.23	292.29
95	292.29	295.44
96	295.44	298.38
97	298.38	301.35
98	301.35	304.4
99	304.4	307.61
100	307.61	311.22
101	311.22	314.31
102	314.31	316.98
103	316.98	320.29
104	320.29	323.41
105	323.41	326.41
106	326.41	329.49
107	329.49	332.62
108	332.62	334.37

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-172									
	34.47	6	HQ	GRD	477	288.2	2.72	2.5	Weakly silicified, strongly oxidized granodiorite with limonite.
	104.45	12.5	HQ	GRD	1009.7	629.7	2.76	2.7	Weakly silicified, strongly oxidized granodiorite with limonite.
	112.42	20.9	HQ	GRD	1671.8	1024.3	2.74	2.6	Moderate argillic altered granodiorite with moderate pottassic overprint and weak silicification.
	130.15	14	HQ	GRD	1142.2	717.8	2.79	2.7	Moderate phyllic altered granodiorite with moderate propalytic overprint and weak silicification.
	181.64	19.5	HQ	GRD	1817.1	1220	3.19	3.0	Milky quartz vein 10.2 centimeters wide with semi-massive to blebby and disseminated pyrite. Also contains cocade and mossy textures ankerite with arsenopyrite and jamesonite. Also contains 1.2 centimeter smoky quartz veins with blebby to disseminated pyrite. 2.5 centimeter moderate phyllic altered granodiorite with moderate propalytic overprint.
	181.83	6.9	HQ	VEN	665	438.6	3.3	2.9	smoky and milky quartz vein with mossy ankerite textures containing arsenopyrite and jamesonite. Plus blebby sphalerite and disseminated pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	182.62	11	HQ	GRD	1922.8	1229	5.98	2.8	Moderate phyllic granodiorite with moderate propalytic overprint and moderate silicification with smoky quartz veins, veinlets and stringers containing pyrite. Blebby veinlets of calcite and ankerite also present.
	248.1		HQ	GRD	1240.1		2.76		Strong phyllic altered granodiorite with moderate propalytic overprint and moderate silicification.
	261.43		HQ	VEN	881.1		4.9		Milky quartz vein with semi-massive to massive arsenopyrite (possibly intermixed sylvanite) with blebbs and veinlets sphalerite and pyrite.
	261.43		HQ	VEN	881.1		4.9		Milky quartz vein with semi-massive to massive arsenopyrite (possibly intermixed sylvanite) with blebs and veinlets of sphalerite and pyrite.
	261.73		HQ	VEN	357		3.57		Mineralized quartz vein with breccia textures. Intermixed blebby sphalerite, pyrite, galena. Veinlets sphalerite, galena, arsenopyrite and calcite.
	261.95	15.6	HQ	VEN	1933.9	1404.5	4.24	3.7	Ankerite-calcite vein with banded textures crosscut by nette quartz-carbonate veinlets. Banded arsenopyrite and galena plus blebby sphalerite, galena, pyrite and calcite. 2 cm moderate phyllic altered granodiorite with moderate propalytic overprint and strong silicification on one end.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	265.29	24.5	HQ	QFP	2365.2	1579	3.3	3.0	Moderate phyllic altered granodiorite with moderate propalytic overprint and strong silicification cut by 5 mineralized 1-2 cm smoky quartz veins with intermixed arsenopyrite, pyrite and blebby sphalerite, pyrite, arsenopyrite with highest density of sulphides occuring in veins. Arsenopyrite almost semi-massive in one vein.
	265.29	24.5	HQ	GRD	2365.2	1579	3.3	3.0	Moderate phyllic altered granodiorite with moderate propalytic overprint and strong silicification cut by 5 mineralized 1-2 cm smoky quartz veins with intermixed arsenopyrite, pyrite and blebby sphalerite, pyrite, arsenopyrite with highest density of sulphides occuring in veins. Arsenopyrite almost semi-massive in one vein.
	284.91	13.3	HQ	GRD	1099.2	693.1	2.83	2.7	Strong phyllic altered granodiorite with moderate propalytic overprint and moderate silicification.
	318.09	8.4	HQ	QFP	726.7	454.6	2.96	2.7	Dark purple quartz feldspar dyke with porphyritic textures and tan patches.
	322.48	18.7	HQ	GRD	1664.8	1061.3	3.05	2.8	Strong phyllic granodiorite with weak propalytic overprint and strong silicification. Disseminated pyrite and gougy veinlets throughout.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	324.77	20	HQ	GRD	1673	1045.5	2.86	2.7	White quartz feldspar dyke with porphyritic textures.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.78	24.15	20.37	GRD	MG	Granodiorite is primarily broken up and rubble. Has small patches of argillic alteration are the most rubbly. Moderate oxidation along fracture surfaces with strong pervasive oxidation in argillic alteration. Limonite and goethite staining on heavily weathered fractures surfaces.							
						MD	GY	PA	OXI	3I		
								RB	OXI	4I		
									ARG	3I		
24.15	46.80	22.65	GRD	MG	Pervasively strongly oxidized rubbly patchy argillic and phyllic altered granodiorite. Limonite and goethite staining along fracture surfaces. Has gouge patches. Oxidation obscures and obliterates rock textures.							
						MD	OR	PA	ARG	3I		
						LT	GN	RB	OXI	4I		
						DK	OR		PHC	3I		
46.80	63.20	16.40	GRD	MG	Granodiorite is primarily broken up and rubble. Has small patches of argillic alteration are the most rubbly. Moderate oxidation along fracture surfaces with strong pervasive oxidation in argillic alteration. Limonite and goethite staining on heavily weathered fractures surfaces.							
						MD	GY	PA	OXI	3I		
								RB	OXI	4I		
									ARG	3I		
63.20	80.02	16.82	GRD	MG	Trace potassic/propyllitic altered granodiorite with weak to moderate oxidation along fracture surfaces.							
						MD	GY		POT	1I		
									PRO	1I		
80.02	82.00	1.98	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY		POT	2I		
									PRO	2I		
82.00	83.15	1.15	GRD	MG	Moderately phyllic altered granodiorite hosts multiple carbonate veinlets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	3I		
									PHC	3I		
83.15	101.01	17.86	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY		POT	2I		
									PRO	2I		
101.01	106.70	5.69	GRD	MG	Alternating patches of moderate phyllic alteration and potassic/propyllitic overprinted argillic alteration. Phyllic alteration hosts quartz/carbonate veining.							
						MD	PK		POT	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
106.70	109.50	2.80	GRD	MG	Moderately silicified and phyllic altered granodiorite with quartz carbonate veining.							
						LT	GN		SIL	3I		
									PHC	3I		
109.50	112.33	2.83	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY		POT	2I		
									PRO	2I		
112.33	115.15	2.82	GRD	MG	Alternating patches of moderate phyllic alteration and potassic/propyllitic overprinted argillic alteration. Phyllic alteration hosts quartz/carbonate veining.							
						MD	PK		POT	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
115.15	123.18	8.03	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY		POT	2I		
									PRO	2I		
123.18	124.92	1.74	GRD	MG	Moderate phyllic envelope surrounding a quartz/carbonate breccia. Partially gouge altered.							
						LT	GN	EN	PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
124.92	129.80	4.88	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY					
129.80	131.07	1.27	GRD	MG	Alternating patches of moderate phyllic alteration and potassic/propyllitic overprinted argillic alteration. Phyllic alteration hosts quartz/carbonate veining.							
						MD	PK		POT	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
131.07	141.00	9.93	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY					
143.13	149.50	6.37	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY					
149.50	151.38	1.88	GRD	MG	Moderately argillic altered granodiorite with a potassic/propyllitic overprint. Hosts quartz/carbonate veining.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
151.38	155.30	3.92	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY					
155.30	156.55	1.25	GRD	MG	Moderately argillic altered granodiorite with a potassic/propyllitic overprint. Hosts quartz/carbonate veining.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
164.50	165.95	1.45	GRD	MG	Moderately argillic altered granodiorite with a potassic/propyllitic overprint. Hosts quartz/carbonate veining.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
165.95	172.13	6.18	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY		POT	2I		
									PRO	2I		
172.13	177.40	5.27	GRD	MG	Alternating patches of moderate potassic/propyllitic, moderate phyllic and phyllic overprinted moderate argillic alteration. Hosts multiple carbonate veinlets, ~1 per meter.							
						MD	PK		POT	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
177.40	179.00	1.60	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY		POT	2I		
									PRO	2I		
179.00	181.68	2.68	GRD	MG	Upper alteration halo of quartz/carbonate/sulphide vein. Consists of moderately silicified phyllic alteration proximal to vein with moderate propyllitic/potassic alteration distally from vein. Phyllic/silica alteration hosts quartz/carbonate/sulphide veining and disseminated pyrite.							
						MD	PK		PRO	3I		
						LT	GN		SIL	3I		
						DK	GN		PHC	3I		
									POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
181.68	182.19	0.51	VEN	--	Quartz/carbonate/sulphide vein. First half of vein is grey to smokey quartz hosting blebby pyrite and disseminated arsenopyrite and jamesonite and mossy/cockade ankerite with interstitial disseminated arsenopyrite forming the rings in the mossy/cockade texture. Second half of the vein is a smokey quartz/ankerite/white carbonate hosting to blebby pyrite. Patches of quartz and carbonate are stained medium orange.							
											Py	10
											As	1
											Jm	1
182.19	191.11	8.92	GRD	MG	Moderately silicified phyllic altered granodiorite with small sporadic patches of moderate argillic alteration. Hosts multiple quartz/carbonate/sulphide veins with proximal disseminated pyrite.							
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
191.11	200.17	9.06	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-2 white carbonate veinlets per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
200.17	201.43	1.26	GRD	MG	Moderate argillic alteration granodiorite with a weak potassic/propyllitic overprint. Small moderate propyllitic envelopes around quartz/carbonate veins.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
201.43	205.67	4.24	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-2 white carbonate veinlets per meter.							
						MD	PK					
						MD	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	2I		
211.43	213.89	2.46	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-2 white carbonate veinlets per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
218.85	234.74	15.89	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-2 white carbonate veinlets per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
236.04	243.73	7.69	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-2 white carbonate veinlets per meter.							
						MD	PK					
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
243.73	257.95	14.22	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy moderate argillic/propyllitic/potassic alteration. Host multiple quartz/carbonate veins.							
						MD	PK		PRO	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									POT	3I		
257.95	260.17	2.22	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-2 white carbonate veinlets per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK					
260.17	260.75	0.58	GRD	MG	Moderately propyllitic/potassic overprinted moderate argillic alteration.							
						MD	PK		PRO	3I		
						LT	WH		ARG	3I		
						DK	GN		POT	3I		
260.75	261.29	0.54	GRD	MG	Moderate phyllic and propyllitic alteration transitioning to strongly silicified phyllic alteration hosting disseminated pyrite proximal to the vein.							
						MD	GY		PRO	3I		
						LT	GN		SIL	4I	Py	1
						DK	GN		PHC	3I		
									PHC	4I		
261.29	262.13	0.84	VEN	--	BRX vein zone. Vein 1 (60cm, oriented 65 TCA) starts off as grey to smokey quartz hosting semi-massive arsenopyrite/sylvanite(?), blebby to semi-massive sphalerite and blebby pyrite, sphalerite and galena occurs interstitially between the large arsenopyrite/sylvanite(?) blebs and in the quartz. Vein one then transitions to grey/smokey quartz hosting disseminated to blebby pyrite, sphalerite and galena. Arsenopyrite and sphalerite occurs in bands in this section, oriented at ~40 degrees TCA. 6cm of strongly silicified phyllic altered granodiorite hosting disseminated pyrite separate veins 1 and 2. Vein 2 (18cm, oriented at 45 degrees TCA) is tan/yellow ankerite cross-cut by a net of grey quartz/white carbonate veining. Hosts disseminated to blebby pyrite, sphalerite and galena along with disseminated arsenopyrite. Tan ankerite hosts 2 large galena blebs.							
											Sp	5
											Py	5
											As	20
											Sy	5
											Gn	8
262.13	264.75	2.62	GRD	MG	Moderately silicified phyllic and propyllitic altered granodiorite with multiple quartz/carbonate/sulphides veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PRO	3I		
264.75	265.29	0.54	QFP	FG	Patchy grey, orange and dark red quartz feldspar porphyry dyke							
						MD	OR	PA				
						LT	GY	PO				
						DK	RD					
265.29	266.13	0.84	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic alteration and weak phyllic/potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz +/- carbonate veins and veinlets, ~1-3 per meter.							
						MD	GN		PRO	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		ARG	3I		
									POT	2I		
									PHC	3I		
267.19	272.10	4.91	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic alteration and weak phyllic/potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz +/- carbonate veins and veinlets, ~1-3 per meter.							
						MD	GN		PRO	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		ARG	3I		
									POT	2I		
									PHC	3I		
272.10	272.30	0.20	QFP	FG	Grey/tan quartz feldspar porphyry dyke.							
						MD	TN					
						LT	GY	PO				
272.30	272.59	0.29	GRD	MG	Strongly silicified and phyllic altered granodiorite hosting disseminated to blebby pyrite, sphalerite and galena.							
						MD	GY		SIL	4I	Py	3
						MD	GN		PHC	4I	Sp	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Gn	1
272.72	293.31	20.59	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic alteration and weak phyllic/potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz +/- carbonate veins and veinlets, ~1-3 per meter.							
						MD	GN		PRO	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		ARG	3I		
									POT	2I		
									PHC	3I		
293.31	294.31	1.00	GRD	MG	Moderately silicified weakly propyllitic/potassic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
294.31	303.84	9.53	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic alteration and weak phyllic/potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz +/- carbonate veins and veinlets, ~1-3 per meter.							
						MD	GN		PRO	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		ARG	3I		
									PHC	3I		
									POT	2I		
303.84	307.73	3.89	GRD	MG	Alternating patches of moderate potassic/propyllitic alteration and weak potassic/propyllitic overprinted argillic alteration.							
						MD	PK		PRO	3I		
						LT	WH	PA	ARG	3I		
						DK	GN		POT	3I		
307.73	314.03	6.30	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic alteration and weak phyllic/potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz +/- carbonate veins and veinlets, ~1-3 per meter.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		ARG	3I		
									PHC	3I		
									POT	2I		
314.03	319.02	4.99	QFP	FG	Dark red quartz feldspar porphyry dyke with light tan patches.							
						LT	TN					
						DK	RD					
319.02	320.20	1.18	GRD	MG	Interfingering of light tan quartz feldspar porphyry dyke and strongly silicified phyllic altered granodiorite. Partially gouge altered.							
						MD	GY					
						MD	GN					
						LT	TN					
320.20	321.41	1.21	QFP	FG	Light tan quartz feldspar porphyry dyke.							
						LT	TN					
321.41	324.70	3.29	GRD	MG	Moderate to strongly silicified moderate phyllic altered granodiorite with patchy moderate propyllitic alteration.							
						MD	GN		SIL	4I		
						MD	GY		PHC	3I		
						LT	GN		SIL	3I		
									PRO	3I		
324.70	324.96	0.26	QFP	FG	Light grey quartz feldspar porphyry dyke.							
						LT	GY					
324.96	328.00	3.04	GRD	MG	Moderate to strongly silicified moderate phyllic altered granodiorite with patchy moderate propyllitic alteration.							
						MD	GN		SIL	4I		
						MD	GY		PHC	3I		
						LT	GN		SIL	3I		
									PRO	3I		
328.00	330.03	2.03	QFP	FG	Dark red quartz feldspar porphyry dyke with light tan patches.							
						LT	TN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	RD					
330.03	334.37	4.34	GRD	MG	Alternating patches of weak potassic/propyllitic alteration, potassic/propyllitic overprinted moderate argillic alteration and moderate phyllic alteration.							
						MD	GY	PA	PHC	3I		
						MD	PK		PRO	2I		
						LT	GN		ARG	3I		
						DK	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.78	63.20	59.42	GRD	MG	Granodiorite is primarily broken up and rubble. Has small patches of argillic alteration are the most rubbly. Moderate oxidation along fracture surfaces with strong pervasive oxidation in argillic alteration. Limonite and goethite staining on heavily weathered fractures surfaces.							
						LT	GY	PA	ARG	3I	Li	1
						MD	OR	RB	OXI	3I	Go	1
									OXI	4I		
63.20	80.02	16.82	GRD	MG	Trace potassic/propyllitic altered granodiorite with weak to moderate oxidation along fracture surfaces.							
						MD	GY		POT	1I		
									PRO	1I		
80.02	179.00	98.98	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Carbonate veining, ~1-3 per meter.							
						MD	GY		POT	2I		
									PRO	2I		
179.00	181.68	2.68	GRD	MG	Upper alteration halo of quartz/carbonate/sulphide vein. Consists of moderately silicified phyllic alteration proximal to vein with moderate propyllitic/potassic alteration distally from vein. Phyllic/silica alteration hosts quartz/carbonate/sulphide veining and disseminated pyrite.							
						MD	PK		PRO	3I		
						DK	GN		PHC	3I		
						LT	GN		SIL	3I		
									POT	3I		
181.68	182.19	0.51	VEN	MG	Quartz/carbonate/sulphide vein. First half of vein is grey to smokey quartz hosting blebby pyrite and disseminated arsenopyrite and jamesonite and mossy/cockade ankerite with interstitial disseminated arsenopyrite forming the rings in the mossy/cockade texture. Second half of the vein is a smokey quartz/ankerite/white carbonate hosting to blebby pyrite. Patches of quartz and carbonate are stained medium orange.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
								BX			Py	10
											Jm	1
											As	1
182.19	191.11	8.92	GRD	MG	Moderately silicified phyllic altered granodiorite with small sporadic patches of moderate argillic alteration. Hosts multiple quartz/carbonate/sulphide veins with proximal disseminated pyrite.							
						LT	WH		PHC	3I		
						LT	GN	PA	SIL	3I	Py	1
191.11	260.17	69.06	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1-2 white carbonate veinlets per meter.							
						MD	GY		ARG	3I		
						DK	GN		POT	3I		
						MD	PK		PRO	3I		
260.17	260.75	0.58	GRD	MG	Moderately propyllitic/potassic overprinted moderate argillic alteration.							
						DK	GN		POT	3I		
						LT	WH		ARG	3I		
						MD	PK		PRO	3I		
260.75	261.29	0.54	GRD	MG	Moderate phyllic and propyllitic alteration transitioning to strongly silicified phyllic alteration hosting disseminated pyrite proximal to the vein.							
						LT	GN		SIL	4I	Py	1
						DK	GN		PHC	3I		
						MD	GY		PRO	3I		
									PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
261.29	262.13	0.84	VEN	--	BRX vein zone. Vein 1 (60cm, oriented 65 TCA) starts off as grey to smokey quartz hosting semi-massive arsenopyrite/sylvanite(?), blebby to semi-massive sphalerite and blebby pyrite, sphalerite and galena occurs interstitially between the large arsenopyrite/sylvanite(?) blebs and in the quartz. Vein one then transitions to grey/smokey quartz hosting disseminated to blebby pyrite, sphalerite and galena. Arsenopyrite and sphalerite occurs in bands in this section, oriented at ~40 degrees TCA. 6cm of strongly silicified phyllic altered granodiorite hosting disseminated pyrite separate veins 1 and 2. Vein 2 (18cm, oriented at 45 degrees TCA) is tan/yellow ankerite cross-cut by a net of grey quartz/white carbonate veining. Hosts disseminated to blebby pyrite, sphalerite and galena along with disseminated arsenopyrite. Tan ankerite hosts 2 large galena blebs.							
											Py	5
											Gn	8
											Sy	5
											Sp	5
											As	20
262.13	264.75	2.62	GRD	MG	Moderately silicified phyllic and propyllitic altered granodiorite with multiple quartz/carbonate/sulphides veins.							
						LT	GN		SIL	3I		
						MD	GN		PHC	3I		
									PRO	3I		
264.75	265.29	0.54	QFP	FG	Patchy grey, orange and dark red quartz feldspar porphyry dyke							
						DK	RD					
						MD	OR					
						LT	GY	PA				
265.29	314.03	48.74	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy propyllitic alteration and weak phyllic/potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz +/- carbonate veins and veinlets, ~1-3 per meter.							
									POT	2I		
						LT	WH		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	3I		
						LT	GN	PA	PHC	3I		
									SIL	3I		
314.03	321.41	7.38	QFP	MG	Dark red quartz feldspar porphyry dyke with light tan patches. Transitions to light tan after granodioirte interfingering with dyke.							
						DK	RD					
						LT	TN					
321.41	328.00	6.59	GRD	MG	Moderate to strongly silicified moderate phyllic altered granodiorite with patchy moderate propyllitic alteration.							
						LT	GN		SIL	3I		
						MD	GN		SIL	4I		
						MD	GY		PHC	3I		
									PRO	3I		
328.00	330.03	2.03	QFP	FG	Dark red quartz feldspar porphyry dyke with light tan patches.							
						DK	RD	PA				
						LT	TN					
330.03	334.37	4.34	GRD	MG	Alternating patches of weak potassic/propyllitic alteration, potassic/propyllitic overprinted moderate argillic alteration and moderate phyllic alteration.							
						MD	GY	PA	PHC	3I		
						LT	GN		ARG	3I		
						DK	GN		POT	2I		
						MD	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.78	3.78	0	0	0.00	0	--	--	--	
3.78	5.18	1.40	1.26	90	0.34	24	--	3H	2W	
5.18	8.23	3.05	2.75	90	0.31	10	--	1H	3W	Rubble
8.23	11.28	3.05	2.74	90	0.19	6	--	3H	3W	
11.28	14.33	3.05	2.45	80	0.26	9	--	2H	4W	
14.33	17.37	3.04	2.51	83	0.26	9	--	2H	4W	
17.37	20.42	3.05	2.98	98	1.12	37	--	3H	1W	
20.42	23.47	3.05	2.88	94	0.60	20	--	2H	4W	
23.47	26.52	3.05	2.95	97	0.64	21	--	1H	4W	
26.52	29.57	3.05	2.8	92	0.15	5	--	1H	4W	
29.57	32.61	3.04	2.81	92	0.00	0	--	2H	4W	
32.61	35.66	3.05	2.93	96	0.52	17	--	2H	3W	
35.66	38.71	3.05	2.8	92	0.00	0	--	2H	4W	
38.71	41.76	3.05	2.57	84	0.43	14	--	2H	4W	
41.76	44.81	3.05	2.74	90	0.47	15	--	2H	3W	
44.81	47.85	3.04	2.55	84	0.48	16	--	3H	3W	
47.85	50.90	3.05	1.3	43	0.38	12	--	3H	2W	
50.90	53.95	3.05	1.26	41	0.39	13	--	2H	4W	
53.95	57.00	3.05	1.61	53	0.12	4	--	1H	4W	
57.00	60.05	3.05	2.22	73	0.61	20	--	2H	3W	
60.05	63.09	3.04	2.06	68	0.29	10	--	2H	3W	
63.09	66.14	3.05	2.55	84	1.50	49	--	4H	2W	
66.14	69.19	3.05	2.54	83	1.56	51	--	4H	2W	
69.19	72.24	3.05	2.84	93	1.57	51	--	4H	2W	
72.24	75.29	3.05	3	98	2.11	69	--	4H	1W	
75.29	78.34	3.05	2.73	90	1.60	52	--	4H	1W	
78.34	81.38	3.04	3.04	100	1.35	44	--	4H	1W	
81.38	84.43	3.05	3.02	99	1.82	60	--	4H	1W	
84.43	87.48	3.05	2.95	97	1.74	57	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	2.26	74	--	4H	1W	
90.53	93.57	3.04	3	99	2.65	87	--	4H	1W	
93.57	96.62	3.05	2.96	97	1.41	46	--	4H	1W	
96.62	99.67	3.05	3	98	1.59	52	--	4H	1W	
99.67	102.72	3.05	3.05	100	0.70	23	--	4H	1W	
102.72	105.77	3.05	2.95	97	1.08	35	--	3H	1W	
105.77	108.81	3.04	2.96	97	1.15	38	--	3H	1W	
108.81	111.86	3.05	2.94	96	1.60	52	--	3H	1W	
111.86	114.91	3.05	3.05	100	1.98	65	--	3H	1W	
114.91	117.96	3.05	2.99	98	1.42	47	--	4H	1W	
117.96	121.01	3.05	3.05	100	1.98	65	--	3H	1W	
121.01	124.05	3.04	2.92	96	1.43	47	--	3H	1W	
124.05	127.10	3.05	3.05	100	0.57	19	--	3H	1W	
127.10	130.15	3.05	3.05	100	1.74	57	--	3H	1W	
130.15	133.20	3.05	3.05	100	1.97	65	--	3H	1W	
133.20	136.25	3.05	3.05	100	2.10	69	--	4H	1W	
136.25	139.29	3.04	2.98	98	2.17	71	--	4H	1W	
139.29	142.34	3.05	2.97	97	1.60	52	--	3H	1W	
142.34	145.39	3.05	2.99	98	1.23	40	--	4H	1W	
145.39	148.44	3.05	3.05	100	1.75	57	--	4H	1W	
148.44	151.49	3.05	2.98	98	2.23	73	--	3H	1W	
151.49	154.53	3.04	2.95	97	2.10	69	--	4H	1W	
154.53	157.58	3.05	3.05	100	2.47	81	--	3H	1W	
157.58	160.63	3.05	3.05	100	1.84	60	--	3H	1W	
160.63	163.68	3.05	2.86	94	1.46	48	--	4H	1W	
163.68	166.73	3.05	3.03	99	1.81	59	--	3H	1W	
166.73	169.77	3.04	3.04	100	1.99	65	--	4H	1W	
169.77	172.82	3.05	3.05	100	2.39	78	--	4H	1W	
172.82	175.87	3.05	3	98	2.39	78	--	4H	1W	
175.87	178.92	3.05	3.05	100	2.20	72	--	3H	1W	
178.92	181.97	3.05	3.03	99	2.17	71	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.03	100	2.17	71	--	3H	1W	
185.01	188.06	3.05	3.05	100	2.09	69	--	3H	1W	
188.06	191.11	3.05	3.05	100	2.88	94	--	3H	1W	
191.11	194.16	3.05	2.88	94	2.32	76	--	4H	1W	
194.16	197.21	3.05	2.93	96	1.87	61	--	4H	1W	
197.21	200.25	3.04	3.04	100	2.28	75	--	4H	1W	
200.25	203.30	3.05	2.95	97	2.20	72	--	3H	1W	
203.30	206.35	3.05	3	98	2.39	78	--	4H	1W	
206.35	209.40	3.05	3.02	99	1.62	53	--	3H	1W	
209.40	212.45	3.05	3.05	100	2.98	98	--	3H	1W	
212.45	215.49	3.04	3.02	99	2.25	74	--	3H	1W	
215.49	218.54	3.05	3.05	100	2.81	92	--	3H	1W	
218.54	221.59	3.05	3.05	100	2.27	74	--	4H	1W	
221.59	224.64	3.05	3.01	99	2.38	78	--	4H	1W	
224.64	227.69	3.05	2.98	98	1.96	64	--	4H	1W	
227.69	230.73	3.04	3.04	100	2.47	81	--	4H	1W	
230.73	233.78	3.05	3.05	100	2.08	68	--	4H	1W	
233.78	236.83	3.05	3.05	100	2.42	79	--	3H	1W	
236.83	239.88	3.05	3.05	100	2.31	76	--	4H	1W	
239.88	242.93	3.05	2.67	88	0.70	23	--	3H	1W	
242.93	245.97	3.04	3.04	100	2.55	84	--	3H	1W	
245.97	249.02	3.05	2.89	95	2.60	85	--	3H	1W	
249.02	252.07	3.05	3.05	100	2.36	77	--	3H	1W	
252.07	255.12	3.05	3.02	99	2.91	95	--	3H	1W	
255.12	258.16	3.04	3.04	100	2.59	85	--	3H	1W	
258.16	261.21	3.05	3.05	100	1.52	50	--	2H	1W	
261.21	264.26	3.05	2.95	97	1.85	61	--	3H	1W	
264.26	267.31	3.05	2.98	98	2.34	77	--	3H	1W	
267.31	270.36	3.05	1.97	65	0.31	10	--	2H	1W	
270.36	273.41	3.05	2.99	98	2.46	81	--	3H	1W	
273.41	276.45	3.04	3.04	100	2.26	74	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.45	279.50	3.05	2.95	97	2.37	78	--	3H	1W	
279.50	282.55	3.05	2.94	96	2.49	82	--	3H	1W	
282.55	285.60	3.05	3.05	100	2.44	80	--	3H	1W	
285.60	288.65	3.05	3.05	100	2.27	74	--	3H	1W	
288.65	291.69	3.04	2.85	94	1.10	36	--	3H	1W	
291.69	294.74	3.05	3.05	100	2.72	89	--	4H	1W	
294.74	297.79	3.05	2.76	90	1.47	48	--	3H	1W	
297.79	300.84	3.05	3.05	100	2.08	68	--	3H	1W	
300.84	303.89	3.05	3.05	100	2.06	68	--	3H	1W	
303.89	306.93	3.04	3.04	100	2.58	85	--	--	--	
306.93	309.98	3.05	2.2	72	1.54	50	--	--	--	
309.98	313.03	3.05	3.05	100	2.44	80	--	--	--	
313.03	316.08	3.05	3.05	100	1.55	51	--	--	--	
316.08	319.13	3.05	2.95	97	0.74	24	--	--	--	
319.13	322.17	3.04	3.02	99	1.83	60	--	--	--	
322.17	325.22	3.05	3.05	100	2.19	72	--	--	--	
325.22	328.27	3.05	2.81	92	0.95	31	--	--	--	
328.27	331.32	3.05	2.97	97	1.90	62	--	--	--	
331.32	334.37	3.05	2.98	98	1.82	60	--	--	--	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	11.2	GRD	
5	10.9	GRD	
6	10.6	GRD	
7	9.14	GRD	
8	0.396	GRD	
9	10.6	GRD	
10	8.03	GRD	
11	13.4	GRD	
12	6.07	GRD	
13	8.32	GRD	
14	11.4	GRD	
15	8.16	GRD	
16	6.52	GRD	
17	5	GRD	
18	1.89	GRD	
19	14.7	GRD	
20	12.7	GRD	
21	6.37	GRD	
22	0.492	GRD	
23	0.289	GRD	
24	27.6	GRD	
25	0.182	GRD	
26	0.203	GRD	
27	0.171	GRD	
28	0.709	GRD	
29	8.51	GRD	
30	0.29	GRD	
31	2.1	GRD	
32	0.455	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	3.9	GRD	
34	11.9	GRD	
35	0.294	GRD	
36	0.288	GRD	
37	7.19	GRD	
38	2.49	GRD	
39	0.197	GRD	
40	0.134	GRD	
41	0.468	GRD	
42	0.257	GRD	
43	0.253	GRD	
44	2.36	GRD	
45	5.92	GRD	
46	10.9	GRD	
47	7.1	GRD	
48	9.87	GRD	
49	8.53	GRD	
50	6.14	GRD	
51	8.92	GRD	
52	6.29	GRD	
53	7.03	GRD	
54	0.445	GRD	
55	0.18	GRD	
56	4.08	GRD	
57	12	GRD	
58	0.86	GRD	
59	4.72	GRD	
60	0.19	GRD	
61	0.726	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	4.06	GRD	
63	6.9	GRD	
64	5.85	GRD	
65	5.03	GRD	
66	17.8	GRD	
67	11	GRD	
68	13.8	GRD	
69	13.9	GRD	
70	2.94	GRD	
71	16.8	GRD	
72	14.3	GRD	
73	17	GRD	
74	17.2	GRD	
75	17.5	GRD	
76	12.6	GRD	
77	13.6	GRD	
78	16.4	GRD	
79	15.1	GRD	
80	19.3	GRD	
81	19.4	GRD	
82	0.402	GRD	
83	0.745	GRD	
84	22	GRD	
85	20.8	GRD	
86	20.9	GRD	
87	18.2	GRD	
88	21.2	GRD	
89	13.8	GRD	
90	20.4	GRD	
91	22.2	GRD	
92	21.4	GRD	
93	21.5	GRD	
94	20.2	GRD	
95	25.5	GRD	
96	0.605	GRD	
97	16.5	GRD	
98	17.7	GRD	
99	19.5	GRD	
100	15.6	GRD	
101	14	GRD	
102	8.2	GRD	
103	1.1	GRD	
104	7.36	GRD	
105	8.97	GRD	
106	1.37	GRD	
107	0.4	GRD	
108	0.388	GRD	
109	0.406	GRD	
110	1.42	GRD	
111	20.3	GRD	
112	19.1	GRD	
113	0.627	GRD	
114	0.692	GRD	
115	0.943	GRD	
116	17.5	GRD	
117	12.3	GRD	
118	13.1	GRD	
119	22.9	GRD	
120	15.7	GRD	
121	16.5	GRD	
122	19.3	GRD	
123	10	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	0.41	GRD	
125	0.819	GRD	
126	1.85	GRD	
127	0.294	GRD	
128	0.557	GRD	
129	4.4	GRD	
130	0.235	GRD	
131	0.788	GRD	
132	21.2	GRD	
133	22.2	GRD	
134	24.8	GRD	
135	0.645	GRD	
136	26	GRD	
137	20.2	GRD	
138	3.32	GRD	
139	20.1	GRD	
140	16	GRD	
141	0.696	GRD	
142	0.327	GRD	
143	0.946	GRD	
144	9.9	GRD	
145	18.4	GRD	
146	15.8	GRD	
147	13.8	GRD	
148	1.97	GRD	
149	18.2	GRD	
150	11.9	GRD	
151	0.869	GRD	
152	22.8	GRD	
153	18.4	GRD	
154	18.1	GRD	
155	19.7	GRD	
156	0.493	GRD	
157	19.4	GRD	
158	7.21	GRD	
159	20.9	GRD	
160	0.716	GRD	
161	12.5	GRD	
162	11.8	GRD	
163	19.9	GRD	
164	11.4	GRD	
165	0.698	GRD	
166	14.1	GRD	
167	18	GRD	
168	21.2	GRD	
169	26.6	GRD	
170	17.6	GRD	
171	3.16	GRD	
172	9.5	GRD	
173	0.391	GRD	
174	0.464	GRD	
175	0.718	GRD	
176	0.512	GRD	
177	0.648	GRD	
178	8.93	GRD	
179	0.711	GRD	
179	0.711	GRD	
180	0.369	GRD	
181	0.109	GRD	
182	0.547	VEN	
183	0.309	GRD	
184	0.487	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
185	0.404	GRD	
186	0.329	GRD	
187	0.355	GRD	
188	0.32	GRD	
189	1.1	GRD	
190	0.401	GRD	
191	0.557	GRD	
192	0.409	GRD	
193	0.56	GRD	
194	20.4	GRD	
195	17.2	GRD	
196	17.9	GRD	
197	15.4	GRD	
198	4.93	GRD	
199	15.4	GRD	
200	19.4	GRD	
201	1.02	GRD	
202	11.3	GRD	
203	15.8	GRD	
204	17.4	GRD	
205	18.7	GRD	
206	6.03	GRD	
207	8.11	GRD	
208	0.269	GRD	
209	15.8	GRD	
210	0.48	GRD	
211	0.445	GRD	
212	20.7	GRD	
213	18.6	GRD	
214	14.9	GRD	
215	7.88	GRD	
216	0.206	GRD	
217	0.349	GRD	
218	9.79	GRD	
219	10.3	GRD	
220	14.5	GRD	
221	10.4	GRD	
222	16.3	GRD	
223	13	GRD	
224	23.9	GRD	
225	13.7	GRD	
226	17.3	GRD	
227	0.56	GRD	
228	19	GRD	
229	13.7	GRD	
230	17.6	GRD	
231	18	GRD	
232	20.1	GRD	
233	9.41	GRD	
234	17.7	GRD	
235	16.4	GRD	
236	11.3	GRD	
237	16.2	GRD	
238	16.3	GRD	
239	5.87	GRD	
240	3.5	GRD	
241	17.1	GRD	
242	9.56	GRD	
243	7.37	GRD	
244	4.85	GRD	
245	0.226	GRD	
246	0.512	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
247	3.63	GRD	
248	0.317	GRD	
249	0.422	GRD	
250	0.316	GRD	
251	0.525	GRD	
252	0.394	GRD	
253	0.408	GRD	
254	0.524	GRD	
255	0.462	GRD	
256	0.311	GRD	
257	0.397	GRD	
258	0.458	GRD	
259	7.65	GRD	
260	7.21	GRD	
261	0.434	GRD	
262	2.16	VEN	
263	0.469	GRD	
264	0.425	GRD	
265	0.303	QFP	
266	0.706	GRD	
267	1.36	GRD	
268	0.326	GRD	
269	0.348	GRD	
270	0.548	GRD	
271	0.268	GRD	
272	0.304	GRD	
273	0.319	GRD	
274	0.575	GRD	
275	0.385	GRD	
276	2.46	GRD	
277	0.415	GRD	
278	0.408	GRD	
279	0.336	GRD	
280	0.245	GRD	
281	0.202	GRD	
282	0.411	GRD	
283	0.268	GRD	
284	0.29	GRD	
285	0.435	GRD	
286	0.286	GRD	
287	0.351	GRD	
288	0.237	GRD	
289	0.274	GRD	
290	0.816	GRD	
291	0.261	GRD	
292	0.322	GRD	
293	0.703	GRD	
294	12	GRD	
295	0.565	GRD	
296	0.437	GRD	
297	0.229	GRD	
298	0.417	GRD	
299	0.453	GRD	
300	0.36	GRD	
301	0.385	GRD	
302	2.11	GRD	
303	0.45	GRD	
304	4.68	GRD	
305	3.73	GRD	
306	0.688	GRD	
307	0.726	GRD	
308	0.612	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
309	0.281	GRD	
310	0.417	GRD	
311	0.455	GRD	
312	0.526	GRD	
313	0.416	GRD	
314	0.615	GRD	
315	0.607	QFP	
316	2.2	QFP	
317	0.633	QFP	
318	0.405	QFP	
319	0.302	QFP	
320	0.183	QFP	
321	0.457	QFP	
322	0.176	GRD	
323	0.42	GRD	
324	0.414	GRD	
325	0.494	GRD	
326	0.346	GRD	
327	0.481	GRD	
328	0.334	GRD	
328	0.334	QFP	
329	0.35	QFP	
330	0.424	QFP	
331	2.87	GRD	
332	0.849	GRD	
333	0.569	GRD	
334	0.285	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382692	6890594	1335.77	185.93

ZONE: Central Klaza

SECTION:

HOLE: KL-14-173

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Jul 08 - Jul 09, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
184.4	38.2	-48	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.57	4.57	CAS
4.57	17.32	12.75	GRD
17.32	20	2.68	QFP
20	22.37	2.37	GRD
22.37	33.56	11.19	GRD
33.56	39.8	6.24	QFP
39.8	69.94	30.14	GRD
69.94	77.72	7.78	GRD
77.72	89.87	12.15	GRD
89.87	90.42	0.55	QFP
90.42	104.34	13.92	GRD
104.34	105.37	1.03	GRD
105.37	112.34	6.97	GRD
112.34	113.61	1.27	GRD
113.61	122.54	8.93	GRD
122.54	143.92	21.38	GRD

SAMPLES	
Numbers:	Q925560 to Q925649
Total:	96
Batch:	065, 068, 069, 070
Certificates:	WH14098561, WH14098564, WH14098565, WH14109127

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

143.92	185.93	42.01	GRD

Box Log

KL-14-173

Klaza ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.57	9.27
2	9.27	14.36
3	14.36	20
4	20	25.6
5	25.6	30.55
6	30.55	36.12
7	36.12	41.42
8	41.42	46.66
9	46.66	52.15
10	52.15	57.23
11	57.23	62.35
12	62.35	67.35
13	67.35	72.46
14	72.46	77.72
15	77.72	83.27
16	83.27	88.32
17	88.32	93.8
18	93.8	98.85
19	98.85	103.78
20	103.78	109.25
21	109.25	114.65
22	114.65	119.82
23	119.82	125
24	125	130.68
25	130.68	135.89
26	135.89	141.47
27	141.47	146.43
28	146.43	151.87
29	151.87	157.15
30	157.15	162.15
31	162.15	167
32	167	172.21
33	172.21	176.55
34	176.55	181.36
35	181.36	185.93

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-173									
	12.24	10.7	NQ2	GRD	553.9	349.5	2.44	2.7	Phyllic altered granodiorite with argillic along cracks. Cut by smoky quartz veinlets with disseminated pyrite.
	46.77	7.4	NQ2	GRD	427.8	271.8	2.72	2.7	smoky quartz breccia with phyllic altered granodiorite clasts and disseminated pyrite.
	74.7	8.9	NQ2	GRD	478.2	296.9	2.53	2.6	Weak gouge altered smoky quartz breccia with discontinuous calcite veinlets and blebbs.
	104.68	17.4	NQ2	GRD	975.9	638.3	2.64	2.9	Banded clear and smoky quartz breccia, moderate phyllic altered and moderately silicified granodiorite, mineralized clear quartz vein with blebby pyrite and sphalerite, clear quartz veinlets with blebby ankerite and sphalerite, moderate phyllic altered granodiorite breccia with stringers and disseminated pyrite as well as veinlets and stringers of quartz.
	121.78	12.5	NQ2	GRD	650.2	415.1	2.45	2.8	Strongly silicified granodiorite with moderate phyllic alteration and disseminated hematite.
	178.96	19.2	NQ2	GRD	1015.1	633.1	2.49	2.7	Pink aplite dyke.

KL-14-173

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.57	17.32	12.75	GRD	MG	Top of hole with overprinting phyllic-argillic halos on many mineralized veins. Localized pyrite disseminated in granodiorite. Patchy potassic in argillic and propylitic alteration. Weak oxidation on fractures and gouge.							
						LT	GN	PA	OXI	2I	Py	1
						LT	WH		SIL	3I	Li	5
						LT	PK		PHC	3I		
						LT	BN		ARG	3I		
									POT	2I		
									PRO	2I		
17.32	20.00	2.68	QFP	FG	Dark maroon quartz feldspar. 65 TCA top contact, rubbly bottom contact.							
						DK	MR	PO	OXI	1I		
									SIL	2I		
									HYD	4I		
20.00	22.37	2.37	GRD	MG	Pervasive propylitic altered granodiorite with patchy silicification and phyllic-argillic vein halos.							
						MD	GN	PA	SIL	2I		
						MD	GY		PRO	1I		
									PHC	3I		
									ARG	1I		
22.37	26.04	3.67	GRD	MG	Pervasive propylitic altered granodiorite with patchy silicification and patchy potassic alteration. Mottled pink-green colour.							
						MD	GN	MO	SIL	2I		
						LT	PK		PRO	3I		
									POT	2I		
26.04	29.95	3.91	GRD	MG	Section of patchy potassic, phyllic, and argillic. Mottled green and pink.							
						LT	WH	PA	ARG	3I		
						LT	GN	MO	PHC	2I		
						LT	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
29.95	33.56	3.61	GRD	MG	Pervasive propylitic altered granodiorite with patchy silicification, patchy potassic, and phyllic-argillic vein halos.							
						MD	GN	MO	SIL	2I		
						LT	PK		PRO	3I		
									POT	2I		
									PHC	1I		
									ARG	1I		
33.56	36.97	3.41	QFP	FG	Light green-grey quartz feldspar porphyry dyke with short medium maroon patches.							
						MD	MR					
						LT	GN	PO	SIL	2I		
						LT	GY		HYD	4I		
36.97	37.95	0.98	BXA	FG	Short interval of quartz feldspar porphyry dyke-cemented breccia with granodiorite clasts.							
						MD	GN	BX	SIL	2I		
						DK	GN	PO	PRO	3I		
									HYD	3I		
37.95	39.80	1.85	QFP	FG	Green-maroon quartz feldspar porphyry dyke with slight brecciatoin.							
						MD	MR	BX	HYD	4I		
						LT	GN	PO	SIL	2I		
39.80	69.94	30.14	GRD	MG	Pervasive propylitic granodiorite with phyllic-argillic vein halos. Patchy silicification and potassic, mostly in propylitic. Cut by occasional smoky quartz breccias with granodiorite clasts and disseminated pyrite.							
						MD	GN		PRO	3I		
						LT	GN	PA	SIL	2I		
						LT	GY		PHC	3I		
									ARG	2I		
									POT	1I		
69.94	77.72	7.78	GRD	MG	Pervasive phyllic-argillic altered granodiorite with short gouge zones and many mineralized veins. Veins are generally smoky quartz with disseminated pyrite and clay alteration. Fractured where argillic alteration is stronger.							
						LT	GN	PA	PHC	4I	Py	2
						LT	GY	FR	ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									CLY	2I		
77.72	89.87	12.15	GRD	MG	Pervasive phyllic-argillic altered granodiorite with short gouge zones and many mineralized veins. Veins are generally smoky quartz with disseminated pyrite and clay alteration. Fractured where argillic alteration is stronger.							
						LT	GN	PA	PHC	3I		
						LT	GY	FR	ARG	2I		
89.87	90.42	0.55	QFP	FG	Light green quartz feldspar porphyry dyke with sharp 40 TCA top contact, 80 TCA bottom contact.							
						LT	GN	PO	SIL	2I		
									HYD	3I		
90.42	104.34	13.92	GRD	MG	Patchy phyllic and argillic with slight hematite in fractures.							
						LT	GN	PA	PHC	3I		
						LT	GY	FR	ARG	4I		
104.34	105.37	1.03	GRD	MG	Phyllic-argillic vein halo with 5 well-mineralized veins. Hosting pyrite, sphalerite, galena, and arsenopyrite.							
						MD	GY		ARG	1I	Sp	1
						LT	GN		PHC	3I	Py	2
105.37	112.34	6.97	GRD	MG	Granodiorite with patchy propylitic, argillic, potassic, and silicification. Crosscut by dark green chlorite stringers. Hematite is disseminated in chlorite and on fractures.							
						MD	GN	PA	SIL	2I	He	1
						MD	PK		ARG	1I		
						LT	WH	MO	PRO	3I		
									POT	2I		
112.34	113.61	1.27	GRD	MG	Phyllic-argillic vein halo. Vein is clay altered/gouged.							
						LT	GN	PA	PHC	3I		
						LT	PK		ARG	3I		
									POT	2I		
113.61	122.54	8.93	GRD	MG	Pervasive propylitic with patchy potassic. Cut by chlorite stringers.							
						MD	GN	MO	SIL	2I		
						MD	PK		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
122.54	143.92	21.38	GRD	MG	Weakly brecciated granodiorite with patchy silica flooding obliterating primary textures. Cut by calcite vein.							
						MD	GN		PHC	3I		
						LT	GN	BX	SIL	3I		
143.92	150.27	6.35	GRD	MG	Pervasive propylitic and potassic altered granodiorite with some patchy silicification and phyllic-argillic vein halos.							
						MD	GN	PA	SIL	2I		
						MD	PK	MO	PRO	3I		
						LT	GN	FR	POT	3I		
						LT	WH		PHC	2I		
									ARG	2I		
150.27	156.97	6.70	GRD	MG	Wide phyllic-argillic halo on a black quartz vein. Cut by massive calcite veins. Hematite on fractures.							
						LT	GN	PA	PHC	3I	He	1
						LT	WH	MO	ARG	2I		
						LT	PK					
156.97	166.75	9.78	GRD	MG	Pervasive propylitic and potassic altered granodiorite with some patchy silicification and phyllic-argillic vein halos. Hematite on fractures.							
						MD	GN		ARG	2I		
						MD	PK		PRO	3I		
						LT	GN	PA	SIL	2I	He	1
						LT	WH	MO	PRO	2I		
									POT	3I		
166.75	177.70	10.95	GRD	MG	Pervasive propylitic and potassic altered granodiorite with some patchy silicification and phyllic-argillic vein halos. Extensive fracturing, with hematite on fracture faces.							
						MD	GN		ARG	2I		
						MD	PK		PRO	3I		
						LT	GN	PA	SIL	2I	He	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH	FR	PHC	2I		
									POT	3I		
177.70	185.93	8.23	GRD	MG	Pervasive propylitic and potassic altered granodiorite with some patchy silicification and phyllic-argillic vein halos.							
						MD	GN	PA	SIL	2I		
						MD	PK		POT	3I		
						LT	WH		PRO	2I		
									ARG	2I		

KL-14-173

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.57	17.32	12.75	GRD	MG	Top of hole with overprinting phyllic-argillic halos on many mineralized veins. Localized pyrite disseminated in granodiorite. Patchy potassic in argillic and propylitic alteration. Weak oxidation on fractures and gouge.							
						LT	WH		SIL	3I	Li	5
						LT	PK		PHC	3I		
						LT	BN		ARG	3I		
									POT	2I		
									PRO	2I		
						LT	GN	PA	OXI	2I	Py	1
17.32	20.00	2.68	QFP	FG	Dark maroon quartz feldspar. 65 TCA top contact, rubbly bottom contact.							
						DK	MR	PO	OXI	1I		
									SIL	2I		
									HYD	4I		
20.00	22.37	2.37	GRD	MG	Pervasive propylitic altered granodiorite with patchy silicification and phyllic-argillic vein halos.							
									PHC	3I		
						MD	GN	PA	SIL	2I		
						MD	GY		PRO	1I		
									ARG	1I		
22.37	33.56	11.19	GRD	MG	Pervasive propylitic altered granodiorite with patchy silicification, patchy potassic, and phyllic-argillic vein halos.							
									ARG	2I		
									PHC	3I		
									POT	2I		
						MD	GN		SIL	2I		
						MD	GY		PRO	3I		
33.56	39.80	6.24	QFP	FG	Light green-grey quartz feldspar porphyry dyke with short medium maroon patches. Interfingers with granodiorite. 60 TCA sharp bottom contact.							
						LT	GN	PO	SIL	2I		
						LT	GY		HYD	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	MR					
39.80	69.94	30.14	GRD	MG	Pervasive propylitic granodiorite with phyllic-argillic vein halos. Patchy silicification and potassic, mostly in propylitic. Cut by occasional smoky quartz breccias with granodiorite clasts and disseminated pyrite.							
						MD	GN	PA	SIL	2I		
						LT	GN		PRO	3I		
						LT	GY		PHC	3I		
									ARG	2I		
									POT	1I		
69.94	77.72	7.78	GRD	MG	Pervasive phyllic-argillic altered granodiorite with short gouge zones and many mineralized veins. Veins are generally smoky quartz with disseminated pyrite and clay alteration. Fractured where argillic alteration is stronger.							
									CLY	2I		
						LT	GN	PA	PHC	4I	Py	2
						LT	GY	FR	ARG	3I		
77.72	89.87	12.15	GRD	MG	Patchy phyllic and argillic with slight hematite on fractures. RQD is low due to fracturing.							
						LT	GN	PA	PHC	4I		
						LT	GY	FR	ARG	3I		
									CLY	2I		
89.87	90.42	0.55	QFP	FG	Light green quartz feldspar porphyry dyke with sharp 40 TCA top contact, 80 TCA bottom contact.							
						LT	GN	PO	SIL	2I		
									HYD	3I		
90.42	104.34	13.92	GRD	MG	Patchy phyllic and argillic with slight hematite in fractures.							
						LT	GN	PA	PHC	3I		
						LT	GY	FR	ARG	4I		
104.34	105.37	1.03	GRD	MG	Phyllic-argillic vein halo with 5 well-mineralized veins. Hosting pyrite, sphalerite, galena, and arsenopyrite.							
						LT	GN		PHC	3I	Py	2
						MD	GY		ARG	1I	Sp	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
105.37	112.34	6.97	GRD	MG	Granodiorite with patchy propylitic, argillic, potassic, and silicification. Crosscut by dark green chlorite stringers. Hematite is disseminated in chlorite and on fractures.							
						MD	GN	PA	SIL	2I	He	1
									POT	2I		
						MD	PK		ARG	1I		
						LT	WH	MO	PRO	3I		
112.34	113.61	1.27	GRD	MG	Phyllic-argillic vein halo. Vein is clay altered/gouged.							
						LT	PK		ARG	3I		
						LT	GN	PA	PHC	3I		
									POT	2I		
113.61	122.54	8.93	GRD	MG	Pervasive propylitic with patchy potassic. Cut by chlorite stringers.							
						MD	GN	MO	SIL	2I		
						MD	PK		PRO	3I		
									POT	2I		
122.54	143.92	21.38	GRD	MG	Weakly brecciated granodiorite with patchy silica flooding obliterating primary textures. Cut by calcite vein.							
						MD	GN		PHC	3I		
						LT	GN	BX	SIL	3I		
143.92	185.93	42.01	GRD	MG	Pervasive propylitic and potassic altered granodiorite with some patchy silicification and phyllic-argillic vein halos. Fractured between 166.75-177.70m.							
						MD	GN	PA	SIL	2I		
						MD	PK	MO	PRO	3I		
						LT	GN	FR	POT	3I		
						LT	WH		PHC	2I		
									ARG	2I		

KL-14-173

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.57	4.57	0	0	0.00	0	--	--	--	
4.57	7.62	3.05	2.4	79	1.62	53	--	3H	2W	
7.62	10.67	3.05	2.74	90	1.26	41	--	3H	3W	
10.67	13.72	3.05	3.01	99	1.31	43	--	2H	2W	
13.72	16.76	3.04	2.67	88	1.28	42	--	3H	2W	
16.76	19.81	3.05	2.71	89	1.22	40	--	3H	2W	
19.81	22.86	3.05	2.28	75	1.10	36	--	2H	1W	
22.86	25.91	3.05	2.69	88	1.30	43	--	3H	1W	
25.91	28.96	3.05	2.93	96	1.89	62	--	3H	1W	
28.96	32.00	3.04	2.99	98	1.43	47	--	3H	1W	
32.00	35.05	3.05	2.83	93	0.84	28	--	3H	1W	
35.05	38.10	3.05	2.74	90	1.41	46	--	3H	1W	
38.10	41.15	3.05	2.51	82	0.86	28	--	2H	1W	
41.15	44.20	3.05	2.83	93	0.31	10	--	3H	1W	
44.20	47.24	3.04	3	99	1.84	61	--	3H	1W	
47.24	50.29	3.05	2.94	96	1.51	50	--	3H	1W	
50.29	53.34	3.05	2.88	94	0.84	28	--	3H	1W	
53.34	56.39	3.05	2.78	91	0.50	16	--	3H	1W	
56.39	59.44	3.05	2.67	88	0.60	20	--	3H	1W	
59.44	62.48	3.04	2.81	92	0.48	16	--	3H	1W	
62.48	65.53	3.05	2.66	87	0.85	28	--	3H	1W	
65.53	68.58	3.05	2.95	97	1.31	43	--	2H	1W	
68.58	71.63	3.05	2.55	84	1.39	46	--	2H	1W	Gougy/Rubbly
71.63	74.68	3.05	2.98	98	2.52	83	--	2H	1W	
74.68	77.72	3.04	2.93	96	1.99	65	--	2H	1W	Rubbly/gougy
77.72	80.77	3.05	2.17	71	0.54	18	--	3H	1W	
80.77	83.82	3.05	2.49	82	0.35	11	--	3H	1W	
83.82	86.87	3.05	2.65	87	0.58	19	--	3H	1W	
86.87	89.92	3.05	2.85	93	1.72	56	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.92	92.96	3.04	2.8	92	1.00	33	--	3H	1W	
92.96	96.01	3.05	2.76	90	1.32	43	--	4H	1W	
96.01	99.06	3.05	2.71	89	0.44	14	--	3H	1W	
99.06	102.11	3.05	2.86	94	1.27	42	--	3H	1W	
102.11	105.16	3.05	2.86	94	1.67	55	--	3H	1W	
105.16	108.20	3.04	2.94	97	1.91	63	--	3H	1W	
108.20	111.25	3.05	2.98	98	1.76	58	--	4H	1W	
111.25	114.30	3.05	2.87	94	1.40	46	--	3H	1W	
114.30	117.35	3.05	2.62	86	0.52	17	--	4H	1W	
117.35	120.40	3.05	2.87	94	0.54	18	--	4H	1W	
120.40	123.44	3.04	3.01	99	1.22	40	--	4H	1W	
123.44	126.49	3.05	2.87	94	2.14	70	--	3H	1W	
126.49	129.54	3.05	2.91	95	2.25	74	--	3H	1W	
129.54	132.59	3.05	2.84	93	1.60	52	--	3H	1W	
132.59	135.64	3.05	2.96	97	1.00	33	--	3H	1W	
135.64	138.68	3.04	2.88	95	1.43	47	--	4H	1W	
138.68	141.73	3.05	2.61	86	1.02	33	--	3H	1W	
141.73	144.78	3.05	2.8	92	1.21	40	--	4H	1W	
144.78	147.83	3.05	2.74	90	0.76	25	--	2H	1W	
147.83	150.88	3.05	2.92	96	1.07	35	--	3H	1W	
150.88	153.92	3.04	2.93	96	1.37	45	--	3H	1W	
153.92	156.97	3.05	2.48	81	1.20	39	--	3H	1W	
156.97	160.02	3.05	2.7	89	0.65	21	--	3H	1W	
160.02	163.07	3.05	2.83	93	1.18	39	--	4H	1W	
163.07	166.12	3.05	2.71	89	0.76	25	--	3H	1W	
166.12	169.16	3.04	2.39	79	0.65	21	--	2H	1W	
169.16	172.21	3.05	1.9	62	0.41	13	--	1H	1W	
172.21	175.26	3.05	1.4	46	0.27	9	--	2H	1W	Rubble
175.26	178.31	3.05	2.48	81	0.67	22	--	2H	1W	Rubble
178.31	181.36	3.05	3.04	100	1.39	46	--	3H	1W	
181.36	184.40	3.04	2.18	72	0.27	9	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
184.40	185.93	1.53	1.53	100	0.44	29	--	3H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.625	GRD	
6	0.499	GRD	
7	0.496	GRD	
8	0.186	GRD	
9	0.33	GRD	
10	0.749	GRD	
11	0.324	GRD	
12	0.391	GRD	
13	0.366	GRD	
14	0.459	GRD	
15	0.303	GRD	
16	0.651	GRD	
17	0.234	GRD	
18	0.238	QFP	
19	0.434	QFP	
20	0.542	QFP	
20	0.542	GRD	
21	0.398	GRD	
22	0.46	GRD	
23	0.45	GRD	
24	0.288	GRD	
25	3.75	GRD	
26	0.436	GRD	
27	0.309	GRD	
28	0.414	GRD	
29	0.336	GRD	
30	0.495	GRD	
31	3.04	GRD	
32	0.367	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	0.391	GRD	
34	0.216	QFP	
35	0.205	QFP	
36	0.212	QFP	
37	0.424	QFP	
38	0.258	QFP	
39	0.619	QFP	
40	0.633	GRD	
41	0.251	GRD	
42	0.39	GRD	
43	0.39	GRD	
44	0.292	GRD	
45	0.586	GRD	
46	3.75	GRD	
47	0.435	GRD	
48	0.48	GRD	
49	0.276	GRD	
50	0.345	GRD	
51	0.28	GRD	
52	0.389	GRD	
53	0.309	GRD	
54	0.447	GRD	
55	0.376	GRD	
56	2.14	GRD	
57	0.644	GRD	
58	0.764	GRD	
59	0.763	GRD	
60	0.754	GRD	
61	0.35	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	0.332	GRD	
63	0.513	GRD	
64	0.746	GRD	
65	0.35	GRD	
66	0.413	GRD	
67	0.492	GRD	
68	0.296	GRD	
69	0.32	GRD	
70	0.402	GRD	
71	0.226	GRD	
72	0.367	GRD	
73	0.443	GRD	
74	0.305	GRD	
75	0.245	GRD	
76	0.253	GRD	
77	0.287	GRD	
78	0.504	GRD	
79	3.08	GRD	
80	0.439	GRD	
81	0.288	GRD	
82	3.25	GRD	
83	6.02	GRD	
84	5.12	GRD	
85	0.384	GRD	
86	0.407	GRD	
87	0.435	GRD	
88	0.343	GRD	
89	0.45	GRD	
90	1.02	QFP	
91	0.993	GRD	
92	2.75	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
93	0.76	GRD	
94	5.02	GRD	
95	0.48	GRD	
96	0.418	GRD	
97	1.03	GRD	
98	0.674	GRD	
99	0.408	GRD	
100	0.717	GRD	
101	0.276	GRD	
102	0.531	GRD	
103	0.409	GRD	
104	0.385	GRD	
105	0.24	GRD	
106	0.767	GRD	
107	6.58	GRD	
108	6.71	GRD	
109	6	GRD	
110	1.63	GRD	
111	7.17	GRD	
112	6.31	GRD	
113	4.83	GRD	
114	12.6	GRD	
115	15.4	GRD	
116	15.8	GRD	
117	15.9	GRD	
118	13.7	GRD	
119	20.2	GRD	
120	21.3	GRD	
121	22.4	GRD	
122	19.6	GRD	
123	0.81	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	1.02	GRD	
125	0.969	GRD	
126	0.854	GRD	
127	1.42	GRD	
128	1.12	GRD	
129	0.779	GRD	
130	1	GRD	
131	1.54	GRD	
132	0.851	GRD	
133	0.537	GRD	
134	0.338	GRD	
135	0.531	GRD	
136	0.654	GRD	
137	0.358	GRD	
138	0.346	GRD	
139	0.465	GRD	
140	0.321	GRD	
141	0.223	GRD	
142	0.244	GRD	
143	0.787	GRD	
144	4.21	GRD	
145	19.6	GRD	
146	17.2	GRD	
147	16.9	GRD	
148	2.87	GRD	
150	0.382	GRD	
151	0.44	GRD	
152	0.164	GRD	
153	0.367	GRD	
154	0.207	GRD	
155	0.565	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
156	2.53	GRD	
157	0.443	GRD	
158	3.84	GRD	
159	2.76	GRD	
160	9.35	GRD	
161	11	GRD	
162	9.18	GRD	
163	0.378	GRD	
164	1.97	GRD	
165	1.71	GRD	
166	12.8	GRD	
167	17.6	GRD	
168	18.2	GRD	
169	15.5	GRD	
170	14.6	GRD	
171	15.9	GRD	
172	11.3	GRD	
173	16.2	GRD	
174	14.8	GRD	
175	0.826	GRD	
176	17.4	GRD	
177	14.1	GRD	
178	9.09	GRD	
179	1.46	GRD	
180	7.46	GRD	
181	20	GRD	
182	16.4	GRD	
183	2.84	GRD	
184	6.63	GRD	
185	3.81	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382654	6890634	1333.04	147.83

ZONE: Central Klaza

SECTION:

HOLE: KL-14-174

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Jul 09 - Jul 11, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
147.82	38.2	-49.6	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	18.27	16.75	GRD
18.27	24.53	6.26	GRD
24.53	39.6	15.07	GRD
39.6	51.25	11.65	GRD
51.25	51.71	0.46	QFP
51.71	59.77	8.06	GRD
59.77	61.42	1.65	GRD
61.42	63.83	2.41	GRD
63.83	83.56	19.73	GRD
83.56	98.07	14.51	GRD
98.07	147.83	49.76	GRD

SAMPLES	
Numbers:	Q925650 to Q925711
Total:	65
Batch:	070, 072, 073
Certificates:	WH14109127, WH14109129, WH14110340

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-174

Klaza ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	8.12
2	8.12	13.17
3	13.17	17.09
4	17.09	21.32
5	21.32	25.6
6	25.6	31.05
7	31.05	36.25
8	36.25	41.7
9	41.7	47.13
10	47.13	52.5
11	52.5	57.85
12	57.85	63.31
13	63.31	68.78
14	68.78	74.45
15	74.45	79.82
16	79.82	85.32
17	85.32	90.67
18	90.67	96.35
19	96.35	102.02
20	102.02	107.6
21	107.6	113.22
22	113.22	118.75
23	118.75	124.35
24	124.35	129.86
25	129.86	135.3
26	135.3	140.84
27	140.84	146.27
28	146.27	147.83

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-174									
	24.73	9.2	NQ2	GRD	524.4	346.3	2.68	2.9	Banded quartz-ankerite-calcite vein with breccia textures, blebby galena,sphalerite, arsenopyrite and pyrite.
	63.05	7.3	NQ2	GRD	402	255.4	2.59	2.7	Milky quartz breccia with clasts of moderate phyllic and moderate propalytic altered granodiotire and blebby ankerite and calcite.
	77.54	5.1	NQ2	GRD	287.1	185.7	2.65	2.8	Banded smoky quartz, ankerite-calcite vein with some moderate silicified, moderately phyllic altered granodiorite with some blebby and disseminated pyrite.
	93.92	17	NQ2	GRD	983	622.9	2.72	2.7	Strong phyllic altered granodiorite with weak propalytic overprint and moderate silicification. Cut by ankerite-calcite veinlets with blebby pyrite. 2.5 centimeter calcite breccia with granodioriute clasts containing disseminated pyrite.
	94.25	12.1	NQ2	GRD	635.4	410	2.47	2.8	Moderate phyllic, moderate propalytic altered granodiorite with strongly silicification. Cut by dense quartz ankerite-calcite veins and veinlets and large vugs. Blebby and disseminated pyrite and sphalerite in veinlets and veins and throughout.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	106.06	11.6	NQ2	GRD	641.7	402	2.6	2.7	5 centimeter breccia with 2 centimeter smoky quartz breccia on either side. Disseminated pyrite in clasts.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	18.27	16.75	GRD	MG	Moderate oxidation on fractures and veins, stronger in top 10m. Patchy propylitic, potassic, silicification. Vein associated phyllic and argillic.							
						MD	GY		ARG	3I		
						LT	BN	PA	OXI	3I		
						LT	GN	FR	SIL	2I		
						LT	WH		PHC	3I		
									PRO	3I		
18.27	24.53	6.26	GRD	MG	Pervasive propylitic with patchy silicification, argillic, and potassic. Oxidation on fractures.							
						MD	GY	MO	OXI	2I		
						LT	PK		SIL	3I		
									PRO	3I		
									ARG	1I		
									POT	2I		
24.53	39.60	15.07	GRD	MG	Granodiorite cut by mineralized veins with wide argillic-phyllic halo. Argillic is stained by oxidation.							
						MD	GY	PA	OXI	3I		
						LT	GN		SIL	1I		
						LT	WH		PHC	2I		
						LT	BN		ARG	3I		
									PRO	1I		
									POT	2I		
39.60	51.25	11.65	GRD	MG	Granodiorite cut by mineralized veins with wide argillic-phyllic halo. Sharp 50 TCA weakly gouged bottom contact.							
						MD	GN	PA	OXI	3I		
						MD	PK		SIL	1I		
						LT	WH		PHC	2I		
						LT	GN		ARG	3I		
									PRO	1I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
51.25	51.71	0.46	QFP	FG	Medium green quartz feldspar porphyry dyke with sharp, chilled contacts and weak pervasive flow banding. 60 TCA bottom contact.							
						MD	GN	PO	SIL	1I		
								FL	HYD	4I		
51.71	52.83	1.12	GRD	MG	Overprinting phyllic and propylitic with weak silicification.							
						MD	GN		SIL	2I		
						LT	GN		PHC	2I		
									PRO	2I		
52.83	54.19	1.36	GRD	MG	Patchy of moderate argillic with potassic overprint.							
						LT	WH	MO	ARG	3I		
						LT	PK		POT	2I		
54.19	59.77	5.58	GRD	MG	Pervasive propylitic and potassic with patchy silicification. Phyllic-argillic vein halos. Weak mineralization at quartz feldspar porphyry contact.							
						MD	GN		SIL	2I		
						LT	GN		PRO	3I		
									ARG	3I		
									PHC	2I		
									POT	2I		
61.42	63.83	2.41	GRD	MG	Phyllic-propylitic and silica altered granodiorite cut by a narrow quartz feldspar porphyry dykelet bordered by wide banded white-smoky quartz-ankerite veins.							
						MD	GN		PHC	3I		
						LT	GN		SIL	4I		
									PRO	3I		
63.83	74.06	10.23	GRD	MG	Pervasive propylitic and potassic with wide patches of phyllic-argillic vein halos.							
						MD	GY	MO	SIL	3I		
						MD	PK		POT	3I		
						LT	GN	PA	PRO	3I		
74.06	77.90	3.84	GRD	MG	Wide phyllic-argillic vein halos. Cut by banded clear-smoky quartz-ankerite-calcite veins with disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	2I	Py	1
						LT	WH		PHC	3I		
						LT	PK		ARG	2I		
77.90	83.56	5.66	GRD	MG	Pervasive propylitic and potassic with wide patches of phyllic-argillic vein halos.							
						MD	GY	MO	SIL	3I		
						MD	PK		POT	3I		
						LT	GN	PA	PRO	3I		
83.56	98.07	14.51	GRD	MG	Wide phyllic-argillic vein halo cut by narrow breccias and banded white-grey-smoky quartz veins with limited vugs and carbonate.							
						LT	GN	PA	SIL	3I		
						LT	WH		PHC	3I		
						LT	PK		ARG	2I		
98.07	136.83	38.76	GRD	MG	Pervasive propylitic and silicification, with patchy hematization and phyllic to argillc vein halos. Chlorite and epidote in patches. Disseminated pyrite in chlorite. Hematite on most fractures.							
						MD	GN		HEM	2I	He	3
						MD	RD		PRO	3I	Ep	2
						DK	GN	MO	SIL	3I	Py	1
									PHC	2I	Cl	5
									ARG	2I		
136.83	137.72	0.89	GRD	MG	Phyllic-argillic vein halo.							
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
137.72	147.83	10.11	GRD	MG	Pervasive propylitic and silicification, with patchy hematization and phyllic to argillc vein halos. Chlorite and epidote in patches. Disseminated pyrite in chlorite. Hematite on most fractures.							
						MD	GN		HEM	2I	He	3
						MD	RD		PRO	3I	Ep	2
						DK	GN	MO	SIL	3I	Py	1
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	2I	Cl	5

KL-14-174

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	18.27	16.75	GRD	MG	Moderate oxidation on fractures and veins, stronger in top 10m. Patchy propylitic, potassic, silicification. Vein associated phyllic and argillic.							
									PRO	3I		
						LT	BN	PA	OXI	3I		
						LT	GN	FR	SIL	2I		
						LT	WH		PHC	3I		
						MD	GY		ARG	3I		
18.27	24.53	6.26	GRD	MG	Pervasive propylitic with patchy silicification, argillic, and potassic. Oxidation on fractures.							
						LT	PK		SIL	3I		
									PRO	3I		
									ARG	1I		
									POT	2I		
						MD	GY	MO	OXI	2I		
24.53	39.60	15.07	GRD	MG	Granodiorite cut by mineralized veins with wide argillic-phyllic halo. Argillic is stained by oxidation.							
						LT	BN		ARG	3I		
						LT	GN		SIL	1I		
						LT	WH		PHC	2I		
									POT	2I		
									PRO	1I		
						MD	GY	PA	OXI	3I		
39.60	51.25	11.65	GRD	MG	Granodiorite cut by mineralized veins with wide argillic-phyllic halo. Sharp 50 TCA weakly gouged bottom contact.							
						LT	GN		SIL	1I		
						LT	BN		ARG	3I		
									PRO	1I		
						LT	WH		PHC	2I		
						MD	GY	PA	OXI	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
51.25	51.71	0.46	QFP	FG	Medium green quartz feldspar porphyry dyke with sharp, chilled contacts and weak pervasive flow banding. 60 TCA bottom contact.							
								FL	HYD	4I		
						MD	GN	PO	SIL	1I		
51.71	59.77	8.06	GRD	MG	Pervasive propylitic and potassic with patchy silicification. Phyllic-argillic vein halos. Weak mineralization at quartz feldspar porphyry contact.							
									PRO	2I		
						LT	GN		PHC	2I		
						MD	GN		SIL	2I		
59.77	61.42	1.65	GRD	MG	Strong propylitic overprinting by texture-destructive strong silicification.							
									PRO	4I		
						DK	GN		SIL	4I		
61.42	63.83	2.41	GRD	MG	Phyllic-propylitic and silica altered granodiorite cut by a narrow quartz feldspar porphyry dykelet bordered by wide banded white-smoky quartz-ankerite veins.							
						MD	GN		PHC	3I		
									PRO	2I		
						LT	GN		SIL	4I		
63.83	83.56	19.73	GRD	MG	Pervasive propylitic and potassic with wide patches of phyllic-argillic vein halos.							
									ARG	1I		
						MD	GN	MO	SIL	3I		
						LT	GN	PA	PRO	3I		
						MD	GY		PHC	2I		
						MD	PK		POT	3I		
83.56	98.07	14.51	GRD	MG	Wide phyllic-argillic vein halo cut by narrow breccias and banded white-grey-smoky quartz veins with limited vugs and carbonate.							
						LT	GN	PA	SIL	3I		
						LT	PK		ARG	2I		
						LT	WH		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
98.07	147.83	49.76	GRD	MG	Pervasive propylitic and silicification, with patchy hematization and phyllic to argillc vein halos. Chlorite and epidote in patches. Disseminated pyrite in chlorite. Hematite on most fractures.							
						DK	GN	MO	SIL	3I	Py	1
						MD	GN		HEM	2I	He	3
						MD	RD		PRO	3I	Ep	2
									PHC	2I	Cl	5
									ARG	2I		

KL-14-174

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	0.79	26	0.00	0	--	4H	2W	
4.57	7.62	3.05	1.18	39	0.00	0	--	4H	2W	
7.62	10.67	3.05	2.05	67	0.66	22	--	3H	2W	
10.67	13.72	3.05	2.59	85	1.11	36	--	3H	2W	
13.72	16.76	3.04	2.92	96	1.32	43	--	3H	2W	
16.76	19.81	3.05	2.71	89	1.65	54	--	4H	2W	
19.81	22.86	3.05	2.96	97	2.43	80	--	4H	2W	
22.86	25.91	3.05	2.93	96	1.86	61	--	3H	3W	
25.91	28.96	3.05	3.02	99	2.02	66	--	3H	2W	
28.96	32.00	3.04	3	99	2.27	75	--	3H	1W	
32.00	35.05	3.05	2.78	91	1.40	46	--	3H	1W	
35.05	38.10	3.05	2.85	93	1.94	64	--	2H	1W	
38.10	41.15	3.05	2.8	92	1.44	47	--	3H	1W	
41.15	44.20	3.05	2.96	97	1.88	62	--	4H	1W	
44.20	47.24	3.04	2.74	90	1.37	45	--	3H	1W	
47.24	50.29	3.05	2.84	93	1.24	41	--	3H	1W	
50.29	53.34	3.05	2.96	97	1.33	44	--	3H	1W	
53.34	56.39	3.05	3.03	99	2.23	73	--	4H	1W	
56.39	59.44	3.05	2.93	96	1.53	50	--	4H	1W	
59.44	62.48	3.04	2.89	95	1.39	46	--	4H	1W	
62.48	65.53	3.05	2.98	98	2.15	70	--	3H	1W	
65.53	68.58	3.05	2.86	94	1.74	57	--	4H	1W	
68.58	71.63	3.05	2.88	94	1.45	48	--	4H	1W	
71.63	74.68	3.05	2.86	94	2.08	68	--	4H	1W	
74.68	77.72	3.04	3.01	99	1.04	34	--	3H	1W	
77.72	80.77	3.05	2.95	97	1.45	48	--	3H	1W	
80.77	83.82	3.05	2.95	97	1.90	62	--	4H	1W	
83.82	86.87	3.05	3.05	100	2.26	74	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.99	98	2.28	75	--	4H	1W	
89.92	92.96	3.04	3.02	99	1.57	52	--	3H	1W	
92.96	96.01	3.05	3	98	1.82	60	--	3H	1W	
96.01	99.06	3.05	3	98	1.44	47	--	3H	1W	
99.06	102.11	3.05	3	98	2.15	70	--	3H	1W	
102.11	105.16	3.05	2.97	97	2.21	72	--	4H	1W	
105.16	108.20	3.04	3.03	100	2.10	69	--	4H	1W	
108.20	111.25	3.05	3	98	2.22	73	--	4H	1W	
111.25	114.30	3.05	2.95	97	2.14	70	--	4H	1W	
114.30	117.35	3.05	2.93	96	1.77	58	--	4H	1W	
117.35	120.40	3.05	3.01	99	2.07	68	--	4H	1W	
120.40	123.44	3.04	2.91	96	1.71	56	--	4H	1W	
123.44	126.49	3.05	2.94	96	1.68	55	--	4H	1W	
126.49	129.54	3.05	2.99	98	1.70	56	--	4H	1W	
129.54	132.59	3.05	2.98	98	2.32	76	--	4H	1W	
132.59	135.64	3.05	2.98	98	2.58	85	--	3H	1W	
135.64	138.68	3.04	3.04	100	3.02	99	--	4H	1W	
138.68	141.73	3.05	2.96	97	2.64	87	--	4H	1W	
141.73	144.78	3.05	3.05	100	2.88	94	--	4H	1W	
144.78	147.83	3.05	3.05	100	2.32	76	--	4H	1W	

KL-14-174

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	6.94	GRD	
3	11.8	GRD	
4	0.821	GRD	
5	0.336	GRD	
6	0.404	GRD	
7	2.42	GRD	
8	0.357	GRD	
9	0.492	GRD	
10	0.398	GRD	
11	2.36	GRD	
12	3.72	GRD	
13	0.63	GRD	
14	0.294	GRD	
15	5.25	GRD	
16	0.428	GRD	
17	5.89	GRD	
18	1.53	GRD	
19	16.1	GRD	
20	17.5	GRD	
21	8.18	GRD	
22	17.2	GRD	
23	17.3	GRD	
24	12.9	GRD	
25	1.51	GRD	
26	0.469	GRD	
27	0.338	GRD	
28	3.44	GRD	
29	0.334	GRD	
30	0.639	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	0.343	GRD	
32	0.323	GRD	
33	0.286	GRD	
34	0.188	GRD	
35	0.206	GRD	
36	0.402	GRD	
37	0.321	GRD	
38	0.206	GRD	
39	0.606	GRD	
40	3.73	GRD	
41	11.5	GRD	
42	1.54	GRD	
43	0.758	GRD	
44	0.663	GRD	
45	0.313	GRD	
46	0.389	GRD	
47	0.39	GRD	
48	0.314	GRD	
49	0.281	GRD	
50	0.395	GRD	
51	0.384	GRD	
52	0.497	GRD	
53	0.436	GRD	
54	7.7	GRD	
55	6.73	GRD	
56	12.1	GRD	
57	1.58	GRD	
58	4.57	GRD	
59	12.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	12.8	GRD	
61	5.83	GRD	
62	0.545	GRD	
63	0.273	GRD	
64	3.41	GRD	
65	0.543	GRD	
66	0.363	GRD	
67	9.23	GRD	
68	23.9	GRD	
69	19.3	GRD	
70	0.483	GRD	
71	29.3	GRD	
72	0.469	GRD	
73	28	GRD	
74	12.1	GRD	
75	0.355	GRD	
76	0.471	GRD	
77	0.438	GRD	
78	10.2	GRD	
79	2.07	GRD	
80	7.16	GRD	
81	2.84	GRD	
82	21.3	GRD	
83	3.04	GRD	
84	0.621	GRD	
85	0.509	GRD	
86	0.387	GRD	
87	4.12	GRD	
88	1.11	GRD	
89	0.542	GRD	
90	0.424	GRD	
91	0.578	GRD	
92	0.444	GRD	
93	0.409	GRD	
94	0.309	GRD	
95	0.551	GRD	
96	1.09	GRD	
97	0.458	GRD	
98	1.23	GRD	
99	0.706	GRD	
100	0.47	GRD	
101	11.7	GRD	
102	37.2	GRD	
103	8.06	GRD	
104	12.5	GRD	
105	0.671	GRD	
106	0.381	GRD	
107	20	GRD	
108	12.8	GRD	
109	1.03	GRD	
110	12.5	GRD	
111	11.8	GRD	
112	14.9	GRD	
113	26.1	GRD	
114	26.6	GRD	
115	18.5	GRD	
116	28	GRD	
117	25.5	GRD	
118	25.1	GRD	
119	1.71	GRD	
120	24.7	GRD	
121	25.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	7.1	GRD	
123	7.21	GRD	
124	23	GRD	
125	24.2	GRD	
126	20.2	GRD	
127	25.4	GRD	
128	0.552	GRD	
129	20.5	GRD	
130	29.2	GRD	
131	24.6	GRD	
132	27.5	GRD	
133	27.4	GRD	
134	21.3	GRD	
135	20.7	GRD	
136	24.3	GRD	
137	0.485	GRD	
138	18.6	GRD	
139	20	GRD	
140	23	GRD	
141	22.2	GRD	
142	18.4	GRD	
143	18.5	GRD	
144	12.5	GRD	
145	17.9	GRD	
146	16.8	GRD	
147	18.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382659	6890474	1348.94	230.12

ZONE: Central Klaza

SECTION:

HOLE: KL-14-175

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 3.05m, Out

Drilling Dates: Jul 11 - Jul 12, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	18.95	17.43	GRD
18.95	31.32	12.37	GRD
31.32	34.01	2.69	GRD
34.01	40.25	6.24	GRD
40.25	42.08	1.83	GRD
42.08	87.1	45.02	GRD
87.1	94.39	7.29	GRD
94.39	98.13	3.74	QFP
98.13	102.11	3.98	GRD
102.11	110.76	8.65	GRD
110.76	111.3	0.54	QFP
111.3	118.2	6.9	GRD
118.2	127.1	8.9	GRD
127.1	146.24	19.14	GRD
146.24	150.05	3.81	QFP

SAMPLES	
Numbers:	Q016891 to Q016894, Q925712 to Q925793
Total:	97
Batch:	073, 074, 076, 093
Certificates:	WH14110340, WH14110341, WH14110343, WH14113787

COMMENTS
No Downhole Survey

150.05	153.7	3.65	GRD
153.7	170.21	16.51	QFP
170.21	181.18	10.97	GRD
181.18	182.5	1.32	MAF
182.5	185.83	3.33	GRD
185.83	187.2	1.37	GRD
187.2	200.17	12.97	GRD
200.17	205.74	5.57	GRD
205.74	230.12	24.38	GRD

Box Log

KL-14-175

Klaza
ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	7.62
2	7.62	13.05
3	13.05	18.35
4	18.35	23.55
5	23.55	29.15
6	29.15	34.84
7	34.84	40.25
8	40.25	45.85
9	45.85	50.1
10	50.1	54.25
11	54.25	58.61
12	58.61	62.79
13	62.79	66.9
14	66.9	71.08
15	71.08	75.3
16	75.3	79.48
17	79.48	83.51
18	83.51	87.7
19	87.7	92.01
20	92.01	96.34
21	96.34	100.91
22	100.91	105.16
23	105.16	109.57
24	109.57	113.78
25	113.78	118.02
26	118.02	122.2
27	122.2	126.49
28	126.49	130.7
29	130.7	134.94
30	134.94	139.03
31	139.03	143.2
32	143.2	147.43
33	147.43	151.5
34	151.5	155.59
35	155.59	159.49
36	159.49	163.07
37	163.07	167.32
38	167.32	171.45
39	171.45	175.63
40	175.63	180.04
41	180.04	184.34
42	184.34	188.5
43	188.5	192.78
44	192.78	196.95
45	196.95	201.35
46	201.35	205.35
47	205.35	209.5
48	209.5	213.76
49	213.76	217.84
50	217.84	221.86
51	221.86	226.1
52	226.1	230.12

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-175									
	27.85	11.5	NQ2	GRD	540.3	333	2.21	2.6	Strong phyllic altered granodiorite with moderate silicification. Alteration has made rock fine grained. Disseminated pyrite and gougy veinlets present.
	87.47	10.2	NQ2	GRD	698.3	491.4	3.22	3.4	Mineralized clear quartz vein with semi-massie to blebby and disseminated pyrite and blebby honey brown to blackjack sphalerite and chalcopyrite. 3 centimeter moderate phyllic and moderate propalytic altered granodiorite with moderate silicification.
	129.89	15.3	NQ2	GRD	1092.9	789.7	3.36	3.6	Banded clear and smoky quartz vein with semi-massive pyrite with blebby blackjack and honey sphalerite and disseminated galena.
	169.52	11.1	NQ2	QFP	600.3	375.3	2.55	2.7	Dark purple quartz feldspar dyke with porphyritic textures.
	181.46	14.5	NQ2	MAF	1035	801.3	3.36	4.4	Dark mafic dyke with disseminated pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	202.16	15	NQ2	GRD	801.1	510.4	2.51	2.8	Vuggy Half moderate phyllic altered granodiorite with moderate propalytic and strong silicification with blebby and discontinuous veinlets of ankerite and disseminated pyrite. Half smoky quartz vein/breccia with blebby ankerite, sphalerite, arsenopyrite and disseminated pyrite. Vugs throughout. Vein/breccia textures throughout.
	202.3	14.5	NQ2	GRD	841.2	539.6	2.73	2.8	Smoky quartz brecciated moderate phyllic altered granodiorite with moderate propalytic overprint and moderate silicification with blebby ankerite, arsenopyrite and sphalerite and disseminated pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	14.70	13.18	GRD	MG	Weak patchy propylitic altered granodiorite with rare vein-associated phyllic halos. Weak oxidation on fractures.							
						MD	GY	PA	OXI	2I	Li	4
						LT	BN		SIL	2I		
									PRO	2I		
									PHC	2I		
14.70	16.51	1.81	GRD	MG	Phyllic vein halo with overprinting silicification and oxidized fractures.							
						LT	GN		OXI	2I		
						LT	BN		SIL	2I		
									PHC	3I		
16.51	18.95	2.44	GRD	MG	Weak patchy propylitic altered granodiorite with rare vein-associated phyllic halos. Weak oxidation on fractures.							
						MD	GY	PA	OXI	2I	Li	3
						LT	BN		SIL	2I		
									PHC	2I		
									PRO	2I		
18.95	31.32	12.37	GRD	MG	Strong-moderate phyllic altered granodiorite with patches of argillic. Disseminated pyrite throughout granodiorite. Textures partially obliterated by phyllic in places. Fractures are oxidized, some with dumortierite. Increased fracturing at 28.76-31.32m.							
						MD	GN		PHC	4I	Li	2
						LT	GN		OXI	2I	Py	3
									ARG	1I		
31.32	34.01	2.69	GRD	MG	Rubbly, fractured interval of strong argillic with weak phyllic. Granodiorite is mostly crumbled with weak oxidation.							
						LT	WH	RB	OXI	2I		
						LT	GY	FR	ARG	4I		
						LT	GN		PHC	2I		
34.01	35.18	1.17	GRD	MG	Argillic and phyllic vein halo cut by moerately oxidized calcite-quartz vein. Vein is weathered and vuggy.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BN		OXI	3I	Li	10
						LT	GN		ARG	3I		
									PHC	2I		
35.18	40.25	5.07	GRD	MG	Moderate argillic and potassic with mottled pink-white colour. Trace oxidation on fractures and patchy weak phyllic.							
						LT	WH	PA	OXI	1I		
						LT	PK		ARG	3I		
						LT	GN		POT	2I		
									PHC	2I		
40.25	42.08	1.83	GRD	MG	Moderate phyllic-argillic-silicified granodiorite with gouged smoky quartz vein.							
						LT	GN		SIL	1I		
						LT	WH		PHC	3I		
									ARG	1I		
42.08	49.57	7.49	GRD	MG	Weak pervasive silicification, propylitic, and potassic alteration with phyllic-argillic vein halos.							
						MD	GY	PA	SIL	2I		
						LT	PK		PRO	2I		
						LT	GN		POT	2I		
									PHC	1I		
									ARG	1I		
49.57	50.51	0.94	GRD	MG	Phyllic-argillic vein halo.							
						LT	WH		PHC	2I		
						LT	GN		SIL	1I		
									ARG	2I		
50.51	63.65	13.14	GRD	MG	Weak pervasive silicification, propylitic, and potassic alteration with phyllic-argillic vein halos.							
						MD	GY	PA	SIL	2I		
						LT	GN		PRO	2I		
						LT	PK		POT	2I		
									PHC	1I		
									ARG	1I		
63.65	64.62	0.97	GRD	MG	Smoky quartz breccias with phyllic halos in propylitic and potassic altered granodiorite.							
						MD	GY		PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	SIL	2I		
						LT	PK		PRO	2I		
									POT	2I		
64.62	84.87	20.25	GRD	MG	Weak pervasive silicification, propylitic, and potassic alteration with phyllic-argillic vein halos.							
						MD	GY		SIL	2I		
						LT	GN		PRO	2I		
						LT	PK		POT	2I		
									PHC	1I		
									ARG	1I		
84.87	86.22	1.35	GRD	MG	Phyllic-argillic vein halo with weak potassic overprint.							
						LT	WH	PA	ARG	2I		
						LT	PK		PHC	1I		
						LT	GN		POT	1I		
86.22	87.10	0.88	GRD	MG	Weak pervasive silicification, propylitic, and potassic alteration with phyllic-argillic vein halos.							
						MD	GY		SIL	2I		
						LT	GN		PRO	2I		
						LT	PK		POT	2I		
									PHC	1I		
									ARG	1I		
87.10	94.39	7.29	GRD	MG	Phyllic-argillic vein halo with mineralized veins. 80 TCA sharp-gouged bottom contact.							
						LT	GN		PHC	3I	Py	1
						LT	WH		ARG	2I		
94.39	98.13	3.74	QFP	FG	Medium maroon-tan quartz feldspar porphyry dyke with gouged top contact and sharp, chilled 60 TCA bottom contact.							
						MD	MR	PO	SIL	2I		
						MD	TN		HYD	4I		
98.13	102.11	3.98	GRD	MG	Moderate phyllic-argillic vein halo.							
						LT	WH		ARG	2I		
						LT	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
102.11	110.76	8.65	GRD	MG	Pervasive argillic and phyllic altered granodiorite with phyllic vein halos. Cut by quartz veinlets. 50 TCA gouged bottom contact.							
						LT	WH	PA	ARG	3I		
						LT	PK		PHC	2I		
						LT	GN		POT	2I		
110.76	111.30	0.54	QFP	FG	40 TCA chilled bottom contact. Flow banded quartz feldspar porphyry dyke with weak gouge.							
						MD	OL					
						LT	GN	PO	HYD	4I		
111.30	118.20	6.90	GRD	MG	Wide phyllic-argillic halos on smoky quartz breccias. Pyrite at quartz feldspar porphyry dyke contact.							
						LT	WH	PA	PHC	2I		
						LT	PK		POT	2I		
						LT	GN		ARG	3I		
118.20	127.10	8.90	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification.							
						MD	GN		SIL	3I		
						MD	GY		PRO	3I		
						LT	PK		POT	2I		
127.10	134.94	7.84	GRD	MG	Pervasive-patchy phylic to argillic vein halos on many mineralized veins. Limited disseminated pyrite in groundmass. Cut by smoky quartz-carbonate veins.							
						LT	GN	PA	SIL	1I	Py	3
						LT	PK		ARG	2I		
						LT	WH		PHC	3I		
134.94	136.87	1.93	GRD	MG	Wide argillic patch.							
						LT	WH		PHC	1I		
						LT	PK		ARG	3I		
136.87	138.07	1.20	GRD	MG	Pervasive-patchy phylic to argillic vein halos on many mineralized veins. Limited disseminated pyrite in groundmass. Cut by smoky quartz-carbonate veins.							
						LT	GN	PA	PHC	3I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	3I		
						LT	PK		POT	2I		
138.07	140.56	2.49	GRD	MG	Mostly argillic altered granodiorite with rare mineralized veinlets with phyllic halos and patchy potassic alteration.							
						LT	GN		PHC	2I		
						LT	WH		ARG	3I		
						LT	PK		POT	2I		
140.56	146.24	5.68	GRD	MG	High vein frequency compared to the rest of this general interval. Pervasive-patchy phyllic to argillic vein halos on many mineralized veins. Limited disseminated pyrite in groundmass. Cut by smoky quartz-carbonate veins.							
						LT	GN		SIL	1I	Py	3
						LT	WH		PHC	3I		
									ARG	2I		
146.24	150.05	3.81	QFP	FG	Sharp 65 TCA top contact, sharp 70 TCA bottom contact. Light green-maroon quartz feldspar porphyry dyke.							
						MD	MR		HYD	4I		
						LT	GN	PO	SIL	1I		
150.05	153.70	3.65	GRD	MG	Gouged 50 TCA lower contact. Patchy propylitic and potassic cut by phyllic-argillic halos on rare veins.							
						MD	GN		PRO	3I		
						LT	GN	PA	PHC	3I	Py	1
						LT	WH		POT	1I		
						LT	PK		ARG	2I		
153.70	170.21	16.51	QFP	FG	Medium maroon-olive quartz feldspar porphyry dyke. Short propylitic altered granodiorite at 169.52-169.82m. Sharp 70 TCA lower contact.							
						MD	OL	PO	SIL	1I		
						MD	MR		HYD	4I		
170.21	181.18	10.97	GRD	MG	Pervasive propylitic, potassic, and silica altered granodiorite. Cut by smoky quartz breccia at 174.26-174.52m.							
						MD	GN	PA				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY					
						MD	PK					
181.18	182.50	1.32	GRD	MG	Black magnetic mafic dyke with disseminated pyrite. 60 TCA top contact, 70 TCA bottom contact.							
						DK	BK		SIL	3I	Py	5
182.50	185.83	3.33	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic alterations.							
						MD	GN	MO	SIL	3I		
						MD	GY		PRO	2I		
						LT	PK		POT	2I		
185.83	187.20	1.37	GRD	MG	Phyllic-argillic with silica overprint. Cut by several well mineralized veins hosting blebby pyrite, disseminated arsenopyrite, blebby sphalerite, and blebby galena.							
						MD	GY		PHC	2I	As	1
						LT	GN		SIL	3I	Py	3
									ARG	2I	Sp	2
											Gn	1
187.20	188.50	1.30	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification.							
						MD	GN		PRO	2I		
						MD	GY		POT	1I		
						LT	PK	PA	SIL	3I		
188.50	190.43	1.93	GRD	MG	Phyllic to argillic vein halo.							
						LT	GN		SIL	2I		
									PHC	2I		
									ARG	2I		
190.43	198.60	8.17	GRD	MG	Pervasive propylitic and silicification with patch potassic and rare phyllic-argillic veinlet halos.							
						MD	GY	PA	SIL	2I		
						MD	GN		POT	2I		
						LT	PK		PRO	2I		
									ARG	1I		
									PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
198.60	200.17	1.57	GRD	MG	Argillic vein zone halo.							
						LT	PK		PHC	1I		
						LT	GN		POT	2I		
						LT	WH		ARG	3I		
200.17	205.74	5.57	GRD	MG	Main klaza vein zone. Contains many smoky quartz veins/veinlets with significant sulphides.							
						LT	GN		PHC	3I	As	1
						DK	GY		SIL	2I	Py	3
									ARG	2I	Sp	2
205.74	210.67	4.93	GRD	MG	Pervasive propylitic with patchy silicification and potassic. Overprinted by phyllic-argillic vein halos. Sections of clay alteration and weak gouge.							
						MD	GN	PA	SIL	1I		
						MD	GY		PRO	3I		
						LT	WH		PHC	3I		
						LT	GN		ARG	2I		
									CLY	1I		
									POT	1I		
210.67	212.90	2.23	GRD	MG	Gouged phyllic alteration.							
						LT	GY		CLY	2I		
						LT	GN		PHC	3I		
212.90	230.12	17.22	GRD	MG	Pervasive propylitic with patchy silicification and potassic. Overprinted by phyllic-argillic vein halos. Sections of clay alteration and weak gouge.							
						MD	GN	PA	SIL	1I		
						MD	GY		PRO	3I		
						LT	WH		PHC	3I		
						LT	GN		ARG	2I		
									CLY	1I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	18.95	17.43	GRD	MG	Weak patchy propylitic altered granodiorite with rare vein-associated phyllic halos. Weak oxidation on fractures.							
									PHC	2I		
						MD	GY	PA	OXI	2I	Li	4
									PRO	2I		
						LT	BN		SIL	2I		
18.95	31.32	12.37	GRD	MG	Strong-moderate phyllic altered granodiorite with patches of argillic. Disseminated pyrite throughout granodiorite. Textures partially obliterated by phyllic in places. Fractures are oxidized, some with dumortierite. Increased fracturing at 28.76-31.32m.							
						LT	GN		OXI	2I	Py	3
						MD	GN		PHC	4I	Li	2
									ARG	1I		
31.32	34.01	2.69	GRD	MG	Rubbly, fractured interval of strong argillic with weak phyllic. Granodiorite is mostly crumbled with weak oxidation.							
						LT	WH	RB	OXI	2I		
						LT	GY	FR	ARG	4I		
						LT	GN		PHC	2I		
34.01	40.25	6.24	GRD	MG	Moderate argillic and potassic with mottled pink-white colour. Trace oxidation on fractures and patchy weak phyllic.							
						LT	WH	PA	POT	2I		
									ARG	3I		
						LT	GN		OXI	1I		
						LT	PK		PHC	2I		
40.25	42.08	1.83	GRD	MG	Moderate phyllic-argillic-silicified granodiorite with gouged smoky quartz vein.							
						LT	GN		SIL	1I		
						LT	WH		PHC	3I		
									ARG	1I		
42.08	87.10	45.02	GRD	MG	Weak pervasive silicification, propylitic, and potassic alteration with phyllic-argillic vein halos.							
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	1I		
						LT	GN		POT	2I		
						LT	PK		PRO	2I		
						MD	GY	PA	SIL	2I		
87.10	94.39	7.29	GRD	MG	Phyllic-argillic vein halo with mineralized veins. 80 TCA sharp-gouged bottom contact.							
						LT	GN		PHC	3I	Py	1
						LT	WH		ARG	2I		
94.39	98.13	3.74	QFP	FG	Medium maroon-tan quartz feldspar porphyry dyke with gouged top contact and sharp, chilled 60 TCA bottom contact.							
						MD	MR	PO	SIL	2I		
						MD	TN		HYD	4I		
98.13	102.11	3.98	GRD	MG	Moderate phyllic-argillic vein halo.							
						LT	WH		ARG	2I		
						LT	GN		PHC	3I		
102.11	110.76	8.65	GRD	MG	Pervasive argillic and phyllic altered granodiorite with phyllic vein halos. Cut by quartz veinlets. 50 TCA gouged bottom contact.							
						LT	PK		PHC	2I		
						LT	GN		POT	2I		
						LT	WH	PA	ARG	3I		
110.76	111.30	0.54	QFP	FG	40 TCA chilled bottom contact. Flow banded quartz feldspar porphyry dyke with weak gouge.							
						MD	OL	FL				
						LT	GN	PO	HYD	4I		
111.30	118.20	6.90	GRD	MG	Wide phyllic-argillic halos on smoky quartz breccias. Pyrite at quartz feldspar porphyry dyke contact.							
						LT	GN		ARG	3I		
						LT	WH	PA	PHC	2I		
						LT	PK		POT	2I		
118.20	127.10	8.90	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification.							
						MD	GY		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	SIL	3I		
						LT	PK		POT	2I		
127.10	146.24	19.14	GRD	MG	Pervasive-patchy phylic to argillic vein halos on many mineralized veins. Limited disseminated pyrite in groundmass. Cut by smoky quartz-carbonate veins.							
									POT	3I		
						LT	PK		ARG	3I		
						LT	WH		PHC	3I		
						LT	GN	PA	SIL	2I	Py	1
146.24	150.05	3.81	QFP	FG	Sharp 65 TCA top contact, sharp 70 TCA bottom contact. Light green-maroon quartz feldspar porphyry dyke.							
						LT	GN	PO	SIL	1I		
						MD	MR		HYD	4I		
150.05	153.70	3.65	GRD	MG	Gouged 50 TCA lower contact. Patchy propylitic and potassic cut by phyllic-argillic halos on rare veins.							
						MD	GN		PRO	3I		
						LT	PK		ARG	2I		
						LT	WH		POT	1I		
						LT	GN	PA	PHC	3I	Py	1
153.70	170.21	16.51	QFP	FG	Medium maroon-olive quartz feldspar porphyry dyke. Short propylitic altered granodiorite at 169.52-169.82m. Sharp 70 TCA lower contact.							
						MD	OL	PO	SIL	1I		
						MD	MR		HYD	4I		
170.21	181.18	10.97	GRD	MG	Pervasive propylitic, potassic, and silica altered granodiorite. Cut by smoky quartz breccia at 174.26-174.52m.							
						MD	PK		POT	2I		
						MD	GN	PA	SIL	3I		
						MD	GY		PRO	3I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
181.18	182.50	1.32	MAF	FG	Black magnetic mafic dyke with disseminated pyrite. 60 TCA top contact, 70 TCA bottom contact.							
						DK	BK		SIL	3I	Py	5
182.50	185.83	3.33	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic alterations.							
						MD	GY		PRO	2I		
						LT	PK		POT	2I		
						MD	GN	MO	SIL	3I		
185.83	187.20	1.37	GRD	MG	Phyllic-argillic with silica overprint. Cut by several well mineralized veins hosting blebby pyrite, disseminated arsenopyrite, blebby sphalerite, and blebby galena.							
						LT	GN		SIL	3I	Py	3
									ARG	2I	Sp	2
						MD	GY		PHC	2I	As	1
											Gn	1
187.20	200.17	12.97	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification. Overprinted by phyllic-argillic vein halos.							
									ARG	2I		
						LT	GN	PA	SIL	3I		
						LT	PK		PRO	2I		
						MD	GY		POT	2I		
						MD	GN		PHC	2I		
200.17	205.74	5.57	GRD	MG	Main klaza vein zone. Contains many smoky quartz veins/veinlets with significant sulphides.							
						DK	GY		SIL	2I	Py	3
									ARG	2I	Sp	2
						LT	GN		PHC	3I	As	1
205.74	230.12	24.38	GRD	MG	Pervasive propylitic with patchy silicification and potassic. Overprinted by phyllic-argillic vein halos. Sections of clay alteration and weak gouge.							
									CLY	1I		
									POT	1I		
						MD	GY		PRO	3I		
						LT	GN		ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
						MD	GN	PA	SIL	1I		

KL-14-175

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	1.83	60	0.56	18	--	3H	2W	
4.57	7.62	3.05	2.88	94	1.92	63	--	4H	2W	
7.62	10.67	3.05	2.8	92	1.25	41	--	4H	2W	
10.67	13.72	3.05	2.86	94	1.21	40	--	4H	2W	
13.72	16.76	3.04	2.84	93	1.96	64	--	3H	2W	
16.76	19.81	3.05	2.93	96	2.45	80	--	3H	2W	
19.81	22.86	3.05	2.77	91	1.52	50	--	3H	2W	
22.86	25.91	3.05	2.87	94	1.71	56	--	3H	2W	
25.91	28.96	3.05	3.02	99	2.41	79	--	3H	2W	
28.96	32.00	3.04	2.94	97	0.68	22	--	3H	3W	
32.00	35.05	3.05	1.89	62	0.47	15	--	2H	2W	
35.05	38.10	3.05	2.93	96	1.91	63	--	3H	1W	
38.10	41.15	3.05	2.95	97	2.38	78	--	3H	1W	
41.15	44.20	3.05	2.94	96	2.07	68	--	4H	1W	
44.20	47.24	3.04	2.78	91	1.70	56	--	4H	1W	
47.24	50.29	3.05	2.89	95	1.03	34	--	4H	1W	
50.29	53.34	3.05	3.05	100	0.70	23	--	4H	1W	
53.34	56.39	3.05	2.92	96	1.41	46	--	4H	1W	
56.39	59.44	3.05	2.96	97	1.06	35	--	4H	1W	
59.44	62.48	3.04	2.99	98	1.61	53	--	4H	1W	
62.48	65.53	3.05	2.99	98	2.13	70	--	4H	1W	
65.53	68.58	3.05	2.95	97	1.89	62	--	4H	1W	
68.58	71.63	3.05	2.92	96	1.96	64	--	4H	1W	
71.63	74.68	3.05	3.05	100	2.02	66	--	4H	1W	
74.68	77.72	3.04	2.91	96	1.04	34	--	4H	1W	
77.72	80.77	3.05	2.86	94	1.10	36	--	4H	1W	
80.77	83.82	3.05	3.01	99	2.21	72	--	4H	1W	
83.82	86.87	3.05	2.9	95	2.22	73	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.87	94	1.51	50	--	3H	1W	
89.92	92.96	3.04	3.04	100	2.75	90	--	3H	1W	
92.96	96.01	3.05	3.05	100	2.30	75	--	3H	1W	
96.01	99.06	3.05	2.92	96	2.48	81	--	3H	1W	
99.06	102.11	3.05	3.05	100	2.71	89	--	3H	1W	
102.11	105.16	3.05	2.87	94	1.89	62	--	3H	1W	
105.16	108.20	3.04	2.79	92	1.75	58	--	3H	1W	
108.20	111.25	3.05	2.79	91	2.17	71	--	3H	1W	
111.25	114.30	3.05	2.52	83	2.32	76	--	3H	1W	
114.30	117.35	3.05	2.93	96	2.36	77	--	3H	1W	
117.35	120.40	3.05	2.93	96	1.96	64	--	3H	1W	
120.40	123.44	3.04	3.01	99	2.12	70	--	4H	1W	
123.44	126.49	3.05	2.96	97	2.82	92	--	4H	1W	
126.49	129.54	3.05	2.92	96	2.28	75	--	3H	1W	
129.54	132.59	3.05	2.46	81	0.62	20	--	3H	1W	
132.59	135.64	3.05	3.05	100	1.60	52	--	3H	1W	
135.64	138.68	3.04	3.01	99	2.65	87	--	3H	1W	
138.68	141.73	3.05	3.05	100	2.76	90	--	3H	1W	
141.73	144.78	3.05	2.88	94	2.32	76	--	3H	1W	
144.78	147.83	3.05	2.98	98	1.65	54	--	3H	1W	
147.83	150.88	3.05	2.83	93	1.75	57	--	3H	1W	
150.88	153.92	3.04	3.04	100	1.98	65	--	3H	1W	
153.92	156.97	3.05	2.83	93	1.81	59	--	2H	1W	
156.97	160.02	3.05	2.88	94	0.65	21	--	3H	1W	
160.02	163.07	3.05	3.01	99	1.11	36	--	3H	1W	
163.07	166.12	3.05	2.88	94	1.74	57	--	3H	1W	
166.12	169.16	3.04	3.01	99	1.85	61	--	3H	1W	
169.16	172.21	3.05	2.98	98	2.56	84	--	3H	1W	
172.21	175.26	3.05	2.97	97	2.09	69	--	4H	1W	
175.26	178.31	3.05	2.97	97	2.33	76	--	4H	1W	
178.31	181.36	3.05	3	98	2.53	83	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.36	184.40	3.04	3.04	100	2.16	71	--	4H	1W	
184.40	187.45	3.05	2.92	96	1.79	59	--	4H	1W	
187.45	190.50	3.05	2.69	88	2.11	69	--	3H	1W	
190.50	193.55	3.05	2.96	97	1.96	64	--	4H	1W	
193.55	196.60	3.05	2.97	97	2.28	75	--	4H	1W	
196.60	199.64	3.04	2.96	97	2.19	72	--	3H	1W	
199.64	202.69	3.05	3	98	2.33	76	--	3H	1W	
202.69	205.74	3.05	3	98	2.65	87	--	3H	1W	
205.74	208.79	3.05	3.01	99	1.74	57	--	4H	1W	
208.79	211.84	3.05	2.89	95	1.38	45	--	3H	1W	
211.84	214.88	3.04	2.99	98	0.90	30	--	3H	1W	
214.88	217.93	3.05	2.94	96	1.78	58	--	3H	1W	
217.93	220.98	3.05	2.84	93	1.46	48	--	3H	1W	
220.98	224.03	3.05	2.93	96	1.20	39	--	4H	1W	
224.03	227.08	3.05	1.95	64	0.45	15	--	2H	1W	
227.08	230.12	3.04	2	66	0.50	16	--	2H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	0.307	GRD	
4	8.5	GRD	
5	18.1	GRD	
6	16.7	GRD	
7	16.1	GRD	
8	13.2	GRD	
9	0.326	GRD	
10	16	GRD	
11	21.7	GRD	
12	11.3	GRD	
13	19.2	GRD	
14	19.8	GRD	
15	5.04	GRD	
16	9.91	GRD	
17	5.29	GRD	
18	1.52	GRD	
19	1.34	GRD	
20	0.433	GRD	
21	2.32	GRD	
22	1.03	GRD	
23	0.662	GRD	
24	0.64	GRD	
25	0.595	GRD	
26	0.537	GRD	
27	0.473	GRD	
28	0.52	GRD	
29	0.608	GRD	
30	0.736	GRD	
31	2.42	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	5	GRD	
33	0.891	GRD	
34	0.442	GRD	
35	0.328	GRD	
36	0.304	GRD	
37	0.462	GRD	
38	1.52	GRD	
39	0.73	GRD	
40	0.491	GRD	
41	0.252	GRD	
42	0.298	GRD	
43	5.93	GRD	
44	12.4	GRD	
45	12.8	GRD	
46	11.6	GRD	
47	3.57	GRD	
48	13.1	GRD	
49	1.38	GRD	
50	0.33	GRD	
51	2.55	GRD	
52	10.8	GRD	
53	17.3	GRD	
54	19	GRD	
55	6.94	GRD	
56	4.97	GRD	
57	0.311	GRD	
58	10.9	GRD	
59	0.428	GRD	
60	14.3	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	11.5	GRD	
62	12.3	GRD	
63	13.3	GRD	
64	0.264	GRD	
65	11.8	GRD	
66	17	GRD	
67	14.6	GRD	
68	0.407	GRD	
69	18.6	GRD	
70	21.4	GRD	
71	16.1	GRD	
72	0.756	GRD	
73	6.77	GRD	
74	7.68	GRD	
75	12.9	GRD	
76	13.6	GRD	
77	15.1	GRD	
78	12.3	GRD	
79	20.9	GRD	
80	7.32	GRD	
81	13.7	GRD	
82	14.9	GRD	
83	11.4	GRD	
84	8.79	GRD	
85	0.626	GRD	
86	0.54	GRD	
87	1.44	GRD	
88	0.189	GRD	
89	0.322	GRD	
90	0.563	GRD	
91	0.358	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
92	0.436	GRD	
93	0.405	GRD	
94	0.268	GRD	
95	0.298	QFP	
96	0.259	QFP	
97	0.381	QFP	
98	0.422	QFP	
99	0.291	GRD	
100	0.316	GRD	
101	0.451	GRD	
102	0.374	GRD	
103	0.357	GRD	
104	0.31	GRD	
105	0.396	GRD	
106	0.227	GRD	
107	0.374	GRD	
108	0.311	GRD	
109	0.298	GRD	
110	0.275	GRD	
111	0.252	QFP	
112	0.272	GRD	
113	0.248	GRD	
114	0.319	GRD	
115	0.339	GRD	
116	0.416	GRD	
117	0.421	GRD	
118	0.767	GRD	
119	10.4	GRD	
120	2.06	GRD	
121	14.3	GRD	
122	19.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
123	20.1	GRD	
124	6.41	GRD	
125	15.3	GRD	
126	17.2	GRD	
127	10.1	GRD	
128	1.01	GRD	
129	0.503	GRD	
130	1.05	GRD	
131	0.404	GRD	
132	0.387	GRD	
133	0.421	GRD	
134	0.439	GRD	
135	0.566	GRD	
136	0.419	GRD	
137	0.317	GRD	
138	0.336	GRD	
139	1.13	GRD	
140	0.555	GRD	
141	0.281	GRD	
142	0.421	GRD	
143	0.721	GRD	
144	0.242	GRD	
145	0.273	GRD	
146	0.232	GRD	
147	0.242	QFP	
148	0.402	QFP	
149	0.231	QFP	
150	0.135	QFP	
151	0.481	GRD	
152	0.689	GRD	
153	0.571	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
154	1.14	QFP	
155	0.496	QFP	
156	0.54	QFP	
157	1.85	QFP	
158	3.05	QFP	
159	0.286	QFP	
160	0.242	QFP	
161	0.201	QFP	
162	0.298	QFP	
163	0.267	QFP	
164	0.237	QFP	
165	0.133	QFP	
166	0.233	QFP	
167	0.246	QFP	
168	0.217	QFP	
169	0.439	QFP	
170	20.9	QFP	
171	13	GRD	
172	1.21	GRD	
173	0.927	GRD	
174	0.403	GRD	
175	0.477	GRD	
176	22.4	GRD	
177	3	GRD	
178	15.4	GRD	
179	18.4	GRD	
180	20.7	GRD	
181	19.2	GRD	
182	23.1	MAF	
183	21.6	GRD	
184	2.39	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
185	7.58	GRD	
186	0.435	GRD	
187	0.386	GRD	
188	6.37	GRD	
189	0.394	GRD	
190	0.694	GRD	
191	1.55	GRD	
192	0.322	GRD	
193	1.32	GRD	
194	6.56	GRD	
195	0.807	GRD	
196	12.3	GRD	
197	15.9	GRD	
198	13.1	GRD	
199	2.75	GRD	
200	0.368	GRD	
201	0.416	GRD	
202	0.173	GRD	
203	0.259	GRD	
204	0.245	GRD	
205	0.465	GRD	
206	0.682	GRD	
207	0.289	GRD	
208	7.13	GRD	
209	4.89	GRD	
210	2.33	GRD	
211	0.612	GRD	
212	0.282	GRD	
213	1.66	GRD	
214	0.748	GRD	
215	0.18	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
216	1.13	GRD	
217	0.265	GRD	
218	0.271	GRD	
219	1.46	GRD	
220	3.38	GRD	
221	0.382	GRD	
222	0.434	GRD	
223	0.382	GRD	
224	0.387	GRD	
225	0.699	GRD	
226	0.461	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382521	6890645	1330.58	92.96

ZONE: Western Klaza

SECTION:

HOLE: KL-14-176

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Jul 12 - Jul 13, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
92.96	34.4	-48.5	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.94	3.94	CAS
3.94	20.38	16.44	GRD
20.38	22.07	1.69	GRD
22.07	22.6	0.53	BXA
22.6	28.41	5.81	GRD
28.41	30.18	1.77	GRD
30.18	34.3	4.12	GRD
34.3	43.86	9.56	GRD
43.86	49.6	5.74	GRD
49.6	70.09	20.49	GRD
70.09	92.96	22.87	GRD

SAMPLES	
Numbers:	Q925794 to Q925800, Q926901 to Q926933
Total:	43
Batch:	076, 078
Certificates:	WH14110343, WH14110347

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-176

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.94	8.06
2	8.06	12.38
3	12.38	16.58
4	16.58	20.38
5	20.38	24.55
6	24.55	28.77
7	28.77	32
8	32	36.02
9	36.02	40.38
10	40.38	44.5
11	44.5	48.85
12	48.85	53.12
13	53.12	56.92
14	56.92	61.25
15	61.25	65.33
16	65.33	69.27
17	69.27	73.85
18	73.85	77.8
19	77.8	81.88
20	81.88	85.95
21	85.95	89.98
22	89.98	92.96

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-176									
	55.65	11	NQ2	GRD	615.5	430.7	2.63	3.3	Weakly silicified brecciated moderately phyllic altered granodiorite with blebby and disseminate blackjack sphalerite and ankerite.
	80.66	12.6	NQ2	GRD	677	394.5	2.53	2.4	Moderately silicified brecciated weakly phyllic altered granodiorite with blebby calcite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.94	20.38	16.44	GRD	MG	Granodiorite with pervasive propylitic, argillic, and silicification. Oxidation on fractures.							
						MD	GY		SIL	3I		
						LT	BN		PRO	1I		
						LT	WH		OXI	2I		
									ARG	1I		
20.38	22.07	1.69	GRD	MG	50 TCA sharp bottom contact. Phyllic-argillic halos on grey quartz breccia. Moderate oxidation.							
						LT	WH		OXI	3I	Li	5
						LT	BN		SIL	1I		
						LT	GN		ARG	2I		
									PHC	2I		
22.07	22.60	0.53	BXA	FG	Grey quartz cemented breccia with subangular granodiorite clasts. Disseminated pyrite in groundmass. 65 TCA sharp contact.							
						MD	GY	BX	ARG	1I	Py	2
22.60	28.41	5.81	GRD	MG	Argillic and phyllic halo on breccia. Cut by calcite-quartz veinlets with phyllic halos. Fractured and rubbly sections with strong oxidation. Moderate-weak oxidation in competent sections.							
						LT	BN	RB	ARG	3I		
						LT	WH	FR	OXI	3I	Li	10
									PHC	2I		
28.41	30.18	1.77	GRD	MG	Granodiorite with pervasive propylitic and silicification, fractures are oxidized.							
						MD	GY		OXI	2I	Li	2
						LT	BN		SIL	2I		
									PRO	1I		
30.18	34.30	4.12	GRD	MG	Very crumbled argillic-altered granodiorite with moderate-strong oxidation.							
						MD	BN		ARG	4I		
						MD	GY		OXI	3I	Li	15

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
34.30	43.86	9.56	GRD	MG	Pervasive phyllic to argillic altered granodiorite with patchy potassic. Cut by smoky quartz veins hosting disseminated pyrite. Moderate oxidatoin on fractures and in patches.							
						LT	GN	PA	OXI	3I	Py	1
						LT	BN		PHC	3I	Li	5
									POT	1I		
									ARG	1I		
43.86	49.60	5.74	GRD	MG	Patchy argillic-phyllic vein halos in granodiorite. Patchy silicification giving a mottled distribution of white quartz blebs. Moderate-strong oxide overprint. Weakly clay altered along occasional cracks.							
						MD	GN	PA	OXI	3I	Li	10
						MD	BN	CR	SIL	2I		
						LT	WH		ARG	3I		
									PHC	2I		
49.60	55.65	6.05	GRD	MG	Pervasively phyllic and argillic altered granodiorite with patchy silicification and patchy propylitic. Oxidation on fractures.							
						MD	GN	PA	OXI	1I	Li	2
						DK	RD		SIL	3I		
									PRO	2I		
									ARG	1I		
									HEM	2I		
									PHC	3I		
55.65	56.39	0.74	BXA	FG	Grey quartz breccia with sandy-pebbly clasts, and increased clast density/size in lower half. Hematization in cement.							
						MD	GN	BN	SIL	2I		
						DK	RD		HEM	2I		
									PHC	3I		
									ARG	1I		
56.39	58.61	2.22	GRD	MG	Pervasive phylilc with patchy argillic and silicification. Trace oxidation on fractures.							
						MD	GN		OXI	1I		
						LT	WH		SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	3I		
									ARG	2I		
58.61	70.09	11.48	GRD	MG	Pervasive phyllic with patchy argillic and silicification. Trace oxidation on fractures.							
						MD	GN		OXI	1I		
						DK	GY		SIL	2I		
									ARG	2I		
									HEM	1I		
									PHC	3I		
70.09	79.32	9.23	GRD	MG	Pervasive propylitic, silicification, patchy potassic, and hematization. Trace oxide on fractures.							
						MD	GY	PA	OXI	1I		
						MD	PK		SIL	3I		
						MD	RD		HEM	2I		
						LT	WH		POT	1I		
									PRO	2I		
79.32	82.34	3.02	GRD	MG	Phyllic-argillic halo on a narrow smoky quartz breccia at 80.63-82.82m.							
						LT	GN	PA	OXI	1I		
						LT	PK		PHC	3I		
									POT	1I		
									ARG	3I		
82.34	92.96	10.62	GRD	MG	Pervasive propylitic, silicification, patchy potassic, and hematization. Trace oxide on fractures.							
						MD	GY	PA	OXI	1I		
						MD	PK		SIL	3I		
						MD	RD		HEM	2I		
						LT	WH		POT	1I		
									PRO	2I		

KL-14-176

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.94	20.38	16.44	GRD	MG	Granodiorite with pervasive propylitic, argillic, and silicification. Oxidation on fractures.							
						MD	GY		SIL	3I		
						LT	WH		OXI	2I		
						LT	BN		PRO	1I		
									ARG	1I		
20.38	22.07	1.69	GRD	MG	50 TCA sharp bottom contact. Phyllic-argillic halos on grey quartz breccia. Moderate oxidation.							
						LT	BN		OXI	3I		
						LT	WH		SIL	1I	Li	5
						LT	GN		ARG	2I		
									PHC	2I		
22.07	22.60	0.53	BXA	FG	Grey quartz cemented breccia with subangular granodiorite clasts. Disseminated pyrite in groundmass. 65 TCA sharp contact.							
						MD	GY	BX	ARG	1I	Py	2
22.60	28.41	5.81	GRD	MG	Argillic and phyllic halo on breccia. Cut by calcite-quartz veinlets with phyllic halos. Fractured and rubbly sections with strong oxidation. Moderate-weak oxidation in competent sections.							
									PHC	2I		
						LT	WH	FR	OXI	3I	Li	10
						LT	BN	RB	ARG	3I		
28.41	30.18	1.77	GRD	MG	Granodiorite with pervasive propylitic and silicification, fractures are oxidized.							
						MD	GY		OXI	2I	Li	2
									PRO	1I		
						LT	BN		SIL	2I		
30.18	34.30	4.12	GRD	MG	Very crumbled argillic-altered granodiorite with moderate-strong oxidation.							
						MD	GY	RB	OXI	3I	Li	15
						MD	BN	FR	ARG	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
34.30	43.86	9.56	GRD	MG	Pervasive phyllic to argillic altered granodiorite with patchy potassic. Cut by smoky quartz veins hosting disseminated pyrite. Moderate oxidatoin on fractures and in patches.							
									ARG	1I		
									POT	1I		
						LT	BN		PHC	3I	Li	5
						LT	GN	PA	OXI	3I	Py	1
43.86	49.60	5.74	GRD	MG	Patchy argillic-phyllic vein halos in granodiorite. Patchy silicification giving a mottled distribution of white quartz blebs. Moderate-strong oxide overprint. Weakly clay altered along occasional cracks.							
						LT	WH	PA	OXI	3I	Li	10
						MD	BN	CR	SIL	2I		
						MD	GN		ARG	3I		
									PHC	2I		
49.60	70.09	20.49	GRD	MG	Pervasively phyllic and argillic altered granodiorite with patchy silicification and patchy propylitic. Oxidation on fractures. Cut by several minor breccias, most with limited hematization of cement.							
						MD	GN	PA	OXI	2I		
						LT	GN	BX	SIL	3I		
						LT	BN		PHC	3I		
									HEM	1I		
									ARG	2I		
									PRO	1I		
70.09	92.96	22.87	GRD	MG	Pervasive propylitic, silicification, patchy potassic, and hematization. Trace oxide on fractures.							
						MD	GY	PA	OXI	1I		
						LT	WH		POT	1I		
									PRO	2I		
						MD	RD		HEM	2I		
						MD	PK		SIL	3I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.94	3.94	0	0	0.00	0	--	--	--	
3.94	4.57	0.63	0.55	87	0.33	52	--	--	--	
4.57	7.62	3.05	2.87	94	1.86	61	--	--	--	
7.62	10.67	3.05	2.91	95	2.25	74	--	--	--	
10.67	13.72	3.05	2.99	98	2.00	66	--	--	--	
13.72	16.76	3.04	2.92	96	1.73	57	--	--	--	
16.76	19.81	3.05	3.05	100	2.03	67	--	--	--	
19.81	22.86	3.05	2.96	97	1.53	50	--	--	--	
22.86	25.91	3.05	2.59	85	0.60	20	--	--	--	
25.91	28.96	3.05	2.97	97	1.31	43	--	--	--	
28.96	32.00	3.04	2.86	94	0.61	20	--	--	--	
32.00	35.05	3.05	2.6	85	0.63	21	--	--	--	
35.05	38.10	3.05	2.89	95	1.54	50	--	--	--	
38.10	41.15	3.05	2.86	94	1.42	47	--	--	--	
41.15	44.20	3.05	2.98	98	2.01	66	--	--	--	
44.20	47.24	3.04	3	99	1.79	59	--	--	--	
47.24	50.29	3.05	2.96	97	1.67	55	--	--	--	
50.29	53.34	3.05	2.84	93	1.04	34	--	--	--	
53.34	56.39	3.05	2.94	96	1.01	33	--	--	--	
56.39	59.44	3.05	2.84	93	1.12	37	--	--	--	
59.44	62.48	3.04	2.94	97	1.45	48	--	--	--	
62.48	65.53	3.05	2.84	93	0.60	20	--	--	--	
65.53	68.58	3.05	3	98	1.86	61	--	--	--	
68.58	71.63	3.05	3	98	2.12	70	--	--	--	
71.63	74.68	3.05	2.69	88	1.07	35	--	--	--	
74.68	77.72	3.04	2.91	96	1.55	51	--	--	--	
77.72	80.77	3.05	2.97	97	1.92	63	--	--	--	
80.77	83.82	3.05	2.95	97	0.93	30	--	--	--	
83.82	86.87	3.05	2.95	97	2.42	79	--	--	--	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	3.05	100	1.65	54	--	--	--	
89.92	92.96	3.04	2.65	87	1.46	48	--	--	--	

KL-14-176

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	10.5	GRD	
5	17.7	GRD	
6	18.8	GRD	
7	17.7	GRD	
8	21.4	GRD	
9	15.7	GRD	
10	19.9	GRD	
11	20.6	GRD	
12	22.6	GRD	
13	22.2	GRD	
14	21.5	GRD	
15	17.9	GRD	
16	7.04	GRD	
17	10.3	GRD	
18	14.6	GRD	
19	15.1	GRD	
20	3.87	GRD	
21	0.418	GRD	
22	0.353	GRD	
23	0.507	GRD	
25	0.683	GRD	
26	0.544	GRD	
27	0.552	GRD	
28	2.23	GRD	
29	5.62	GRD	
30	6.16	GRD	
32	1.04	GRD	
33	1.46	GRD	
34	1.1	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
35	0.337	GRD	
36	0.234	GRD	
37	0.129	GRD	
38	0.214	GRD	
39	0.36	GRD	
40	0.398	GRD	
41	0.307	GRD	
42	0.334	GRD	
43	0.435	GRD	
44	0.372	GRD	
45	0.447	GRD	
46	0.39	GRD	
47	0.374	GRD	
48	4.37	GRD	
49	4.37	GRD	
50	0.506	GRD	
51	1.42	GRD	
52	0.377	GRD	
53	0.326	GRD	
54	0.761	GRD	
55	0.153	GRD	
56	0.782	GRD	
57	0.642	GRD	
58	0.466	GRD	
59	0.289	GRD	
60	0.271	GRD	
61	0.387	GRD	
62	0.333	GRD	
63	0.32	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
64	0.264	GRD	
65	0.381	GRD	
66	0.377	GRD	
67	0.554	GRD	
68	1	GRD	
69	0.665	GRD	
70	0.519	GRD	
71	0.361	GRD	
72	3.89	GRD	
73	0.373	GRD	
74	3.4	GRD	
75	1.79	GRD	
76	2.59	GRD	
77	0.482	GRD	
78	8.67	GRD	
79	0.47	GRD	
80	0.306	GRD	
81	0.299	GRD	
82	0.525	GRD	
83	3.36	GRD	
84	0.765	GRD	
85	17.5	GRD	
86	3.05	GRD	
87	10.4	GRD	
88	2.53	GRD	
89	7.92	GRD	
90	10.6	GRD	
91	9.67	GRD	
92	8.72	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381554	6890046	1278.76	294.74

ZONE: Western BRX

SECTION:

HOLE: KL-14-177

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 9.14m, Out

Drilling Dates: Jul 13 - Jul 16, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
294.74	38.4	-51.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.09	4.09	CAS
4.09	70.76	66.67	GRD
70.76	270.33	199.57	GRD
270.33	274.05	3.72	GRD
274.05	275.82	1.77	QFP
275.82	278.3	2.48	GRD
278.3	281.25	2.95	GRD
281.25	281.7	0.45	VEN
281.7	282.52	0.82	GRD
282.52	294.74	12.22	GRD

SAMPLES	
Numbers:	Q016901 to Q016907, Q926043 to Q926107
Total:	84
Batch:	077, 080, 093
Certificates:	WH14110344, WH14110349, WH14113787

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-177

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.09	8.23
2	8.23	11.16
3	11.16	14.33
4	14.33	17.23
5	17.23	20.05
6	20.05	23.8
7	23.8	26.77
8	26.77	29.65
9	29.65	33.06
10	33.06	36
11	36	38.71
12	38.71	41.7
13	41.7	44.81
14	44.81	47.63
15	47.63	50.58
16	50.58	53.25
17	53.25	56.35
18	56.35	59.2
19	59.2	62.21
20	62.21	65.2
21	65.2	68.21
22	68.21	71.19
23	71.19	74
24	74	76.78
25	76.78	80.05
26	80.05	82.64
27	82.64	86.21
28	86.21	89.24
29	89.24	92.46
30	92.46	95.68
31	95.68	99.09
32	99.09	101.76
33	101.76	105.84
34	105.84	107.93
35	107.93	110.78
36	110.78	113.87
37	113.87	116.96
38	116.96	120.19
39	120.19	123.34
40	123.34	126.5
41	126.5	130.78
42	130.78	132.9
43	132.9	136.2
44	136.2	139.29
45	139.29	142.45
46	142.45	145.51
47	145.51	148.63
48	148.63	151.72
49	151.72	154.79
50	154.79	157.78
51	157.78	161.02
52	161.02	163.77
53	163.77	166.32
54	166.32	169.31
55	169.31	172.45
56	172.45	175.6
57	175.6	178.73
58	178.73	181.72
59	181.72	184.82
60	184.82	187.62
61	187.62	191.72
62	191.72	193.73
63	193.73	196.51
64	196.51	199.64
65	199.64	202.9
66	202.9	205.98
67	205.98	208.85
68	208.85	211.97
69	211.97	215.25
70	215.25	218.36
71	218.36	221.37
72	221.37	224.18
73	224.18	227.2
74	227.2	230
75	230	233.15
76	233.15	236.23
77	236.23	239.29
78	239.29	242.44
79	242.44	245.4
80	245.4	248.54
81	248.54	251.52
82	251.52	254.63
83	254.63	257.62
84	257.62	260.31
85	260.31	263.55
86	263.55	266.74
87	266.74	269.86
88	269.86	273.63
89	273.63	276.97
90	276.97	279.38

Box Number	From (m)	To (m)
91	279.38	282.55
92	282.55	285.6
93	285.6	288.92
94	288.92	292
95	292	294.74

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-177									
	61.86	9.7	HQ	GRD	853.3	545.1	3.01	2.8	Oxidized strongly phyllic altered and silicified granodiorite hosting disseminated pyrite. Also hosts two 2 centimeters quartz veins hosting disseminated to blebby pyrite.
	68.65	12.8	HQ	GRD	1176.3	756.1	3.14	2.8	Half moderate phyllic altered and silicified granodiore. Half smoky quartz/carbonate breccia hosting disseminated pyrite.
	128.73	10.2	HQ	GRD	935.4	608.7	3.14	2.9	Half strong to weak phyllic and weak to moderate propalytic, moderately silicified granodiorite with disseminated arsenopyrite and pyrite. Half banded quartz-calcite-ankerite vein with blebby pyrite and disseminated arsenopyrite. Smoky quartz stringers throughout.
	145.39	11.7	HQ	GRD	971.4	608.3	2.84	2.7	Moderate phyllic altered granodiorite with moderate silicification. Cut by 50 degree ankerite veinlet.
	153.56	16.4	HQ	GRD	1344.2	820.6	2.8	2.6	Weak phyllic altered granodiorite with moderate pottassic overprint, trace chloritization and weak silicification.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	192	12.3	HQ	GRD	1036.6	622.7	2.88	2.5	Moderate pottassic altered granodiorite with moderate propaylitic and argillic overprint.
	211.36	10.2	HQ	GRD	866.5	552.4	2.91	2.8	Moderate phyllic altered silicified granodiorite with moderate silicification hosting disseminated pyrite.
	219.55	16.1	HQ	GRD	1388.4	890.1	2.95	2.8	Moderate phyllic altered granodiorite with moderate propalytic and moderate silicification. Cut by 30 degree smoky quartz-calcite in with blebby pyrite, offset by 30 degree offset ankerite veinlets.
	233.66	12.1	HQ	GRD	1086.9	714.6	3.07	2.9	Moderate phyllic altered granodiorite with moderate propalytic and moderate silicification. Cut by mineralized quartz vein with blebby and disseminated pyrite. Has stringers of smoky quartz-pyrite.
	271	4.3	HQ	GRD	415.9	278.3	3.31	3.0	Mineralized quartz-carbonate vein with a band of quartz-ankerite with blebby blackjack and honey brown sphalerite and a band of quartz and blebby pyrite. Hosted in moderate propalytic and moderate phyllic altered granodiorte with moderate silicification.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	281.19	30.2	HQ	GRD	3336		3.78		Mineralized milky quartz vein with blebby pyrite, arsenopyrite, chalcopyrite, sphalerite, ankerite plus semi-massive arsenopyrite. Patchy granodiorite with moderate-strong phyllic and strong silicification.
	281.51	24.8	HQ	VEN	2498		3.45		Mineralized miilky,smoky quartz-calcite vein with large blebby intermixed sphalerite, pyrite and blebby to semi-massive arsenopyrite. 7.6 centimeter wide section of gougy mineralized moderately phyllic altered, moderate silicified granodiorite with disseminated pyrite and arsenopyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.09	21.00	16.91	GRD	MG	Rubbly unaltered granodiorite with moderate oxidation along fracture surfaces. Patchy argillic alteration is pervasively strongly oxidized and more broken up and rubbly then the rest of the interval.							
						MD	GY	RB	OXI	3I		
						MD	OR		OXI	4I		
21.00	28.46	7.46	GRD	MG	Pervasive strongly oxidized argillic alerted granodiorite. Partially gouge altered and very rubbly.							
						MD	OR	RB	ARG	3I		
									OXI	3I		
									OXI	4I		
28.46	33.20	4.74	GRD	MG	Rubbly unaltered granodiorite with moderate oxidation along fracture surfaces. Patchy argillic alteration is pervasively strongly oxidized and more broken up and rubbly then the rest of the interval.							
						MD	GY	RB	OXI	3I		
						MD	OR		OXI	4I		
33.20	34.10	0.90	GRD	MG	Pervasive strongly oxidized argillic alerted granodiorite. Partially gouge altered and very rubbly.							
						MD	OR		ARG	3I		
									OXI	3I		
									OXI	4I		
34.10	44.20	10.10	GRD	MG	Rubbly unaltered granodiorite with moderate oxidation along fracture surfaces. Patchy argillic alteration is pervasively strongly oxidized and more broken up and rubbly then the rest of the interval.							
						MD	GY	RB	OXI	3I		
						MD	OR		OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
44.20	54.60	10.40	GRD	MG	Pervasive strongly oxidized argillic alerted granodiorite. Partially gouge altered and very rubbly.							
						MD	OR		ARG	3I		
									OXI	3I		
									OXI	4I		
54.60	55.64	1.04	GRD	MG	Rubbly unaltered granodiorite with moderate oxidation along fracture surfaces. Patchy argillic alteration is pervasively strongly oxidized and more broken up and rubbly then the rest of the interval.							
						MD	GY	RB	OXI	3I		
						MD	OR		OXI	4I		
55.64	56.42	0.78	GRD	MG	Strongly oxidized moderately phyllic altered granodiorite hosting a smokey quartz breccia.							
						MD	OR	EN	SIL	4I		
						LT	GN		PHC	3I		
56.42	59.77	3.35	GRD	MG	Rubbly unaltered granodiorite with moderate oxidation along fracture surfaces. Patchy argillic alteration is pervasively strongly oxidized and more broken up and rubbly then the rest of the interval.							
						MD	GY	RB	OXI	3I		
						MD	OR		OXI	4I		
59.77	62.68	2.91	GRD	MG	Moderately oxidized moderately phyllic altered granodiorite hosting quartz/sulphide veins.							
						MD	OR		SIL	3I		
						LT	GN	EN	PHC	3I		
62.68	67.07	4.39	GRD	MG	Rubbly unaltered granodiorite with moderate oxidation along fracture surfaces. Patchy argillic alteration is pervasively strongly oxidized and more broken up and rubbly then the rest of the interval.							
						MD	GY	RB	OXI	3I		
						MD	OR		OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
67.07	70.58	3.51	GRD	MG	Moderately silicified phyllic envelope around a gouge altered quartz/carbonate breccia. Phyllic alteration transition to moderate potassic/propyllitic overprinted moderate argillic alteration distally from breccia.							
						MD	PK		PRO	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									POT	3I		
70.58	70.76	0.18	GRD	MG	Rubbly unaltered granodiorite with moderate oxidation along fracture surfaces. Patchy argillic alteration is pervasively strongly oxidized and more broken up and rubbly then the rest of the interval.							
						MD	GY	RB	OXI	3I		
						MD	OR		OXI	4I		
70.76	87.25	16.49	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
87.25	87.80	0.55	GRD	MG	Moderately silicified phyllic envelope surrounding a quartz carbonate sulphide vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
87.80	100.23	12.43	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
100.23	103.30	3.07	GRD	MG	Phyllic and potassic overprinted moderate argillic altered granodiorite. Hosts multiple white carbonate veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	3I		
						LT	GN		PHC	2I		
									POT	2I		
103.30	120.19	16.89	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	PK					
						MD	GN		PRO	2I		
						MD	GY		POT	2I		
120.19	121.10	0.91	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate vein zone. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration.							
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
									ARG	3I		
									POT	2I		
									PRO	2I		
121.10	127.86	6.76	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	PK					
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
127.86	128.85	0.99	GRD	MG	Moderately silicified phyllic/propyllitic envelope around two quartz/carbonate/sulphide veins.							
						LT	GN	EN	SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		
128.85	140.11	11.26	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
140.11	144.03	3.92	GRD	MG	Potassic/propyllitic overprinted argillic altered granodiorite with moderate phyllic envelope around quartz carbonate veining.							
						LT	WH		ARG	3I		
						LT	GN		POT	2I		
									PRO	2I		
									PHC	3I		
144.03	144.45	0.42	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
144.45	147.76	3.31	GRD	MG	Moderately silicified phyllic envelope surrounding quartz/carbonate veining. Phyllic alteration transitions to moderately propyllitic/potassic overprinted argillic alteration distally from veining.							
						MD	PK		POT	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		PRO	3I		
									ARG	3I		
147.76	149.20	1.44	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
149.20	154.79	5.59	GRD	MG	Moderately silicified phyllic envelope surrounding quartz/carbonate veining. Phyllic alteration transitions to moderately propyllitic/potassic overprinted argillic alteration distally from veining.							
						MD	PK		POT	3I		
						LT	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
						DK	GN		PRO	3I		
									ARG	3I		
154.79	163.15	8.36	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
163.15	166.10	2.95	GRD	MG	Patchy argillic alteration in weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
166.10	177.15	11.05	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	PK					
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
177.15	177.73	0.58	GRD	MG	Moderately silicified phyllic/propyllitic envelope surrounding a quartz/carbonate vein.							
						LT	GN	PA	SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		
177.73	180.26	2.53	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GN		POT	2I		
						MD	PK		PRO	2I		
						MD	GY					
180.26	182.12	1.86	GRD	MG	Moderately phyllic altered granodiorite with patchy propyllitic alteration.							
						LT	GN	PA	PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PRO	3I		
182.12	191.50	9.38	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
191.50	194.85	3.35	GRD	MG	Moderately propyllitic/potassic overprinted moderate argillic altered granodiorite. Hematite staining along fracture surfaces. Interval is partially rubbly.							
						MD	PK		PRO	3I		
						LT	WH	RB	ARG	3I		
						DK	GN		POT	3I		
194.85	208.44	13.59	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
208.44	209.00	0.56	GRD	MG	Moderate potassic/propyllitic overprinted argillic alteration.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
209.00	222.19	13.19	GRD	MG	Moderately silicified, moderate to strongly phyllic altered granodiorite. Hosts disseminated to blebby pyrite and multiple quartz sulphide veins.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PHC	4I		
222.19	232.78	10.59	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
232.78	235.92	3.14	GRD	MG	Moderately silicified, moderate-strongly phyllic envelope around a large quartz/sulphide vein. Phyllic altered granodiorite transitions to potassic/propyllitic overprinted moderate argillic alteration distally from vein, small patches at the end of the interval.							
						LT	GN	EN	PHC	3I	Py	1
						LT	WH		PHC	4I		
						DK	GN		ARG	3I		
									PRO	2I		
									POT	2I		
235.92	241.60	5.68	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	PK					
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
241.60	244.01	2.41	GRD	MG	Moderate phyllic altered granodiorite with patchy potassic/propyllitic overprinted moderate argillic alteration. Hosts multiple quartz sulphide veins							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
244.01	250.20	6.19	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
250.20	251.48	1.28	GRD	MG	Small moderate phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transition to patchy argillic, potassic and propyllitic alteration distally from vein.							
						MD	PK		ARG	3I		
						LT	GN	EN	PHC	3I		
									PRO	3I		
									POT	3I		
251.48	262.57	11.09	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
262.57	267.75	5.18	GRD	MG	Moderately argillic/potassic/propyllitic altered granodiorite with small phyllic envelopes around quartz carbonate veins.							
						MD	PK		POT	3I		
						LT	WH	EN	ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
267.75	270.33	2.58	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Host carbonate veinlets surrounded by small phyllic envelopes, ~1-2 per meter.							
						MD	GY		POT	2I		
						MD	GN		PRO	2I		
						MD	PK					
270.33	274.05	3.72	GRD	MG	Moderately phyllic altered granodiorite with patchy propyllitic/potassic alteration. Hosts multiple quartz/carbonate veins. Interval ends in a 25cm silicified grey quartz breccia.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
274.05	275.18	1.13	QFP	FG	Tan and patchy dark red quartz feldspar porphyry dyke. Partially gouge altered.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	TN	PO				
						DK	RD					
275.18	275.42	0.24	GRD	MG	Gouge altered strongly silicified hosting disseminated pyrite.							
						MD	GY		SIL	4I	Py	1
						MD	GN		PHC	4I		
275.42	275.82	0.40	QFP	FG	Tan and patchy dark red quartz feldspar porphyry dyke. Partially gouge altered.							
						MD	TN	PO				
						DK	RD					
275.82	278.30	2.48	GRD	MG	Moderately phyllic altered granodiorite with patchy potassic/propyllitic alteration.							
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
278.30	281.25	2.95	GRD	MG	Moderate to strongly phyllic and sericite altered granodiorite hosting an abundance of quartz carbonate sulphide veins/veinlets, ~10 per meter. Partially gouge altered. Hosts disseminated pyrite.							
						MD	GN		PHC	3I	Py	1
						LT	GN		PHC	4I		
									SER	3I		
281.25	281.70	0.45	VEN	--	Grey to smokey quartz vein hosting disseminated to semi-massive arsenopyrite and sphalerite, disseminated to blebby pyrite, chalcopyrite and galena. Quartz veining is minorly brecciates, strong phyllic/sericite altered granodiorite. Lower 1/3 of vein is brecciated by later stage vuggy white carbonate veining.							
											Gn	1
											Py	10
											Sp	15
											As	15
											Cp	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
281.70	282.52	0.82	GRD	MG	Moderate to strongly phyllic and sericite altered granodiorite hosting an abundance of quartz carbonate sulphide veins/veinlets, ~7 per meter. Partially gouge altered. Hosts disseminated pyrite.							
						MD	GN		PHC	4I	Py	1
						LT	GN		SER	3I		
									PHC	3I		
282.52	284.50	1.98	GRD	MG	Moderately silicified, weak propyllitic/potassic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
284.50	286.03	1.53	GRD	MG	Moderately phyllic altered granodiorite with patchy propyllitic altered granodiorite.							
						MD	GN		PRO	3I		
						LT	GN	PA	PHC	3I		
286.03	294.74	8.71	GRD	MG	Moderately silicified, weak propyllitic/potassic altered granodiorite.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		

KL-14-177

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.09	70.76	66.67	GRD	MG	Rubbly unaltered granodiorite with moderate oxidation along fracture surfaces. Patchy argillic alteration is pervasively strongly oxidized and more broken up and rubbly then the rest of the interval.							
						MD	GY	RB	OXI	3I		
						MD	OR		OXI	4I		
270.33	274.05	3.72	GRD	MG	Moderately phyllic altered granodiorite with patchy propyllitic/potassic alteration. Hosts multiple quartz/carbonate veins. Interval ends in a 25cm silicified grey quartz breccia.							
						MD	PK		POT	3I		
						DK	GN		PRO	3I		
						LT	GN		PHC	3I		
274.05	275.82	1.77	QFP	FG	Tan and patchy dark red quartz feldspar porphyry dyke. Partially gouge altered. Upper dyke contact is oriented @ 50 degrees TCA with breccia lower dyke contact is obliterated by gouge.							
						MD	TN	PO				
						DK	RD					
275.82	278.30	2.48	GRD	MG	Moderately phyllic altered granodiorite with patchy potassic/propyllitic alteration.							
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
						LT	GN	PA	PHC	3I		
278.30	281.25	2.95	GRD	MG	Moderate to strongly phyllic and sericite altered granodiorite hosting an abundance of quartz carbonate sulphide veins/veinlets, ~10 per meter. Partially gouge altered. Hosts disseminated pyrite.							
						MD	GN		PHC	3I	Py	1
						LT	GN		PHC	4I		
									SER	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
281.25	281.70	0.45	VEN	--	Grey to smokey quartz vein hosting disseminated to semi-massive arsenopyrite and sphalerite, disseminated to blebby pyrite, chalcopyrite and galena. Quartz veining is minorly brecciates, strong phyllic/sericite altered granodiorite. Lower 1/3 of vein is brecciated by later stage vuggy white carbonate veining.							
											Gn	1
								BX			Py	10
											Sp	15
											Cp	1
											As	15
281.70	282.52	0.82	GRD	MG	Moderate to strongly phyllic and sericite altered granodiorite hosting an abundance of quartz carbonate sulphide veins/veinlets, ~7 per meter. Partially gouge altered. Hosts disseminated pyrite.							
						MD	GN		PHC	4I	Py	1
						LT	GN		SER	3I		
									PHC	3I		
282.52	294.74	12.22	GRD	MG	Moderately silicified, weak propyllitic/potassic altered granodiorite.							
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
						MD	PK		PRO	2I		

KL-14-177

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.09	4.09	0	0	0.00	0	--	--	--	
4.09	5.18	1.09	1.09	100	0.00	0	--	3H	3W	
5.18	8.23	3.05	1.33	44	0.00	0	--	1H	3W	
8.23	11.28	3.05	2.78	91	0.13	4	--	3H	3W	
11.28	14.33	3.05	2.74	90	1.13	37	--	3H	2W	
14.33	17.37	3.04	2.99	98	0.34	11	--	3H	2W	
17.37	20.42	3.05	2.51	82	0.38	12	--	2H	3W	
20.42	23.47	3.05	1.61	53	0.00	0	--	1H	3W	
23.47	26.52	3.05	2.35	77	0.32	10	--	1H	3W	
26.52	29.57	3.05	2.99	98	0.11	4	--	2H	3W	
29.57	32.61	3.04	2.32	76	0.81	27	--	3H	2W	
32.61	35.66	3.05	2.68	88	0.86	28	--	3H	3W	
35.66	38.71	3.05	3.05	100	0.80	26	--	3H	2W	
38.71	41.76	3.05	2.92	96	1.07	35	--	4H	2W	
41.76	44.81	3.05	2.45	80	0.70	23	--	4H	2W	
44.81	47.85	3.04	2.67	88	0.00	0	--	2H	3W	
47.85	50.90	3.05	2.76	90	0.46	15	--	1H	3W	
50.90	53.95	3.05	2.62	86	0.79	26	--	2H	3W	
53.95	57.00	3.05	2.67	88	1.01	33	--	3H	3W	
57.00	60.05	3.05	2.9	95	1.12	37	--	3H	3W	
60.05	63.09	3.04	2.94	97	1.16	38	--	3H	3W	
63.09	66.14	3.05	2.98	98	1.10	36	--	4H	2W	Pervasive
66.14	69.19	3.05	2.99	98	0.89	29	--	2H	1W	
69.19	72.24	3.05	2.72	89	1.69	55	--	3H	1W	
72.24	75.29	3.05	3.05	100	2.05	67	--	4H	1W	
75.29	78.33	3.04	3.04	100	1.90	63	--	4H	1W	
78.33	81.38	3.05	2.74	90	1.97	65	--	4H	1W	
81.38	84.43	3.05	2.95	97	2.19	72	--	4H	1W	
84.43	87.48	3.05	3.05	100	2.26	74	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.97	97	2.27	74	--	4H	1W	
90.53	93.57	3.04	3.04	100	2.92	96	--	4H	1W	
93.57	96.62	3.05	3.05	100	2.43	80	--	4H	1W	
96.62	99.67	3.05	3.05	100	3.03	99	--	4H	1W	
99.67	102.72	3.05	3.05	100	1.98	65	--	3H	1W	
102.72	105.77	3.05	2.84	93	1.89	62	--	4H	1W	
105.77	108.81	3.04	2.95	97	1.98	65	--	3H	1W	
108.81	111.86	3.05	2.95	97	1.76	58	--	3H	1W	
111.86	114.91	3.05	3.05	100	2.87	94	--	4H	1W	
114.91	117.96	3.05	2.93	96	1.49	49	--	4H	1W	
117.96	121.01	3.05	3.05	100	2.73	90	--	3H	1W	
121.01	124.05	3.04	2.93	96	1.95	64	--	4H	1W	
124.05	127.10	3.05	3.05	100	1.92	63	--	4H	1W	
127.10	130.15	3.05	2.84	93	1.89	62	--	4H	1W	
130.15	133.20	3.05	3.05	100	2.98	98	--	4H	1W	
133.20	136.25	3.05	3.03	99	2.85	93	--	4H	1W	
136.25	139.29	3.04	3.04	100	2.82	93	--	4H	1W	
139.29	142.34	3.05	2.8	92	1.91	63	--	3H	1W	
142.34	145.39	3.05	3.05	100	2.10	69	--	3H	1W	
145.39	148.44	3.05	3.05	100	2.00	66	--	3H	1W	
148.44	151.49	3.05	2.96	97	2.26	74	--	3H	1W	
151.49	154.53	3.04	3.04	100	2.40	79	--	3H	1W	
154.53	157.58	3.05	2.98	98	1.95	64	--	4H	1W	
157.58	160.63	3.05	2.75	90	1.90	62	--	4H	1W	
160.63	163.68	3.05	2.92	96	1.69	55	--	3H	1W	
163.68	166.73	3.05	2.69	88	0.69	23	--	3H	1W	
166.73	169.77	3.04	3.04	100	1.61	53	--	4H	1W	
169.77	172.82	3.05	3.05	100	2.23	73	--	4H	1W	
172.82	175.87	3.05	3.05	100	1.90	62	--	4H	1W	
175.87	178.92	3.05	3	98	2.34	77	--	3H	1W	
178.92	181.97	3.05	3.05	100	2.61	86	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.98	98	1.50	49	--	4H	1W	
185.01	188.06	3.05	3.05	100	1.96	64	--	4H	1W	
188.06	191.11	3.05	3.04	100	2.48	81	--	4H	1W	
191.11	194.16	3.05	3.05	100	1.24	41	--	3H	1W	
194.16	197.21	3.05	3.05	100	1.52	50	--	4H	1W	
197.21	200.25	3.04	3.04	100	2.15	71	--	4H	1W	
200.25	203.30	3.05	2.98	98	2.53	83	--	4H	1W	
203.30	206.35	3.05	3.05	100	1.73	57	--	4H	1W	
206.35	209.40	3.05	2.96	97	1.91	63	--	4H	1W	
209.40	212.45	3.05	3.05	100	2.38	78	--	3H	1W	
212.45	215.49	3.04	3	99	2.09	69	--	3H	1W	
215.49	218.54	3.05	3.05	100	2.66	87	--	3H	1W	
218.54	221.59	3.05	2.84	93	2.41	79	--	3H	1W	
221.59	224.64	3.05	3.05	100	1.60	52	--	4H	1W	
224.64	227.69	3.05	3.05	100	2.13	70	--	4H	1W	
227.69	230.73	3.04	2.99	98	1.99	65	--	4H	1W	
230.73	233.78	3.05	3.04	100	2.65	87	--	4H	1W	
233.78	236.83	3.05	3.05	100	2.24	73	--	3H	1W	
236.83	239.88	3.05	3.01	99	1.95	64	--	4H	1W	
239.88	242.93	3.05	3.05	100	2.03	67	--	4H	1W	
242.93	245.97	3.04	2.95	97	1.94	64	--	3H	1W	
245.97	249.02	3.05	3.05	100	1.73	57	--	4H	1W	
249.02	252.07	3.05	3.05	100	2.34	77	--	4H	1W	
252.07	255.12	3.05	3.05	100	1.99	65	--	4H	1W	
255.12	258.17	3.05	2.91	95	2.09	69	--	4H	1W	
258.17	261.21	3.04	3.04	100	1.90	63	--	4H	1W	
261.21	264.26	3.05	3.01	99	2.28	75	--	4H	1W	
264.26	267.31	3.05	2.97	97	2.55	84	--	4H	1W	
267.31	270.36	3.05	3.04	100	2.08	68	--	3H	1W	
270.36	273.41	3.05	3.05	100	2.73	90	--	3H	1W	
273.41	276.45	3.04	3.04	100	1.69	56	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.45	279.50	3.05	3.02	99	2.57	84	--	3H	1W	
279.50	282.55	3.05	3.05	100	2.71	89	--	3H	1W	
282.55	285.60	3.05	3.05	100	2.25	74	--	3H	1W	
285.60	288.65	3.05	2.99	98	2.41	79	--	4H	1W	
288.65	291.69	3.04	3.04	100	2.11	69	--	4H	1W	
291.69	294.74	3.05	3.02	99	2.73	90	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	2.35	GRD	
9	8.28	GRD	
10	7.65	GRD	
11	11.1	GRD	
12	6.29	GRD	
13	3.22	GRD	
14	2.82	GRD	
15	7.33	GRD	
16	3.41	GRD	
17	2.29	GRD	
18	0.252	GRD	
19	0.269	GRD	
20	2.35	GRD	
21	0.928	GRD	
22	0.805	GRD	
23	1.13	GRD	
24	0.217	GRD	
25	0.492	GRD	
26	0.182	GRD	
27	2.17	GRD	
28	0.469	GRD	
29	9.21	GRD	
30	9.87	GRD	
31	15.8	GRD	
32	9.96	GRD	
33	6.68	GRD	
34	0.564	GRD	
35	10.5	GRD	
36	1.58	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
37	13.2	GRD	
38	6.58	GRD	
39	8.21	GRD	
40	7.13	GRD	
41	5.33	GRD	
42	1.88	GRD	
43	1.42	GRD	
44	5.18	GRD	
45	0.144	GRD	
46	0.104	GRD	
47	0.271	GRD	
48	0.607	GRD	
49	0.243	GRD	
50	0.228	GRD	
51	0.188	GRD	
52	0.16	GRD	
53	0.129	GRD	
54	0.228	GRD	
55	0.688	GRD	
56	0.312	GRD	
57	0.201	GRD	
58	0.256	GRD	
59	8.05	GRD	
60	1.04	GRD	
61	0.213	GRD	
62	0.447	GRD	
63	3.48	GRD	
64	2.72	GRD	
65	1.91	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
66	1.48	GRD	
67	11.8	GRD	
68	2.16	GRD	
69	0.476	GRD	
70	0.239	GRD	
71	1.29	GRD	
72	2.59	GRD	
73	0.31	GRD	
74	0.403	GRD	
75	1.51	GRD	
76	0.589	GRD	
77	6.05	GRD	
78	7.75	GRD	
79	2.21	GRD	
80	2.8	GRD	
81	0.317	GRD	
82	1.88	GRD	
83	11.6	GRD	
84	2.77	GRD	
85	8.55	GRD	
86	6.24	GRD	
87	2.12	GRD	
88	0.65	GRD	
89	3.42	GRD	
90	1.85	GRD	
91	2.02	GRD	
92	3.61	GRD	
93	0.7	GRD	
94	0.939	GRD	
95	0.391	GRD	
96	3.26	GRD	
97	2.83	GRD	
98	3.26	GRD	
99	3.63	GRD	
100	3.34	GRD	
101	1.01	GRD	
102	0.337	GRD	
103	0.06	GRD	
104	0.213	GRD	
105	0.41	GRD	
106	0.313	GRD	
107	1.36	GRD	
108	2.18	GRD	
109	1.04	GRD	
110	1.16	GRD	
111	1.08	GRD	
112	0.888	GRD	
113	0.246	GRD	
114	0.392	GRD	
115	2.31	GRD	
116	0.781	GRD	
117	1.25	GRD	
118	3.46	GRD	
119	4.25	GRD	
120	0.65	GRD	
121	0.426	GRD	
122	4.76	GRD	
123	7.31	GRD	
124	10.4	GRD	
125	2.39	GRD	
126	1.49	GRD	
127	0.58	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
128	0.522	GRD	
129	3	GRD	
130	9.47	GRD	
131	2.15	GRD	
132	2.3	GRD	
133	0.711	GRD	
134	3.4	GRD	
135	6.61	GRD	
136	2.3	GRD	
137	4.19	GRD	
138	10.5	GRD	
139	13.1	GRD	
140	0.949	GRD	
141	0.486	GRD	
142	1.03	GRD	
143	0.247	GRD	
144	1.42	GRD	
145	1.74	GRD	
146	0.301	GRD	
147	0.461	GRD	
148	6.06	GRD	
149	10	GRD	
150	0.35	GRD	
151	4.33	GRD	
152	0.673	GRD	
153	0.536	GRD	
154	0.354	GRD	
155	0.332	GRD	
156	15.6	GRD	
157	5.73	GRD	
158	13.6	GRD	
159	13.7	GRD	
160	14.5	GRD	
161	11.8	GRD	
162	13.2	GRD	
163	17.9	GRD	
164	11.6	GRD	
165	13.8	GRD	
166	2.79	GRD	
167	1.04	GRD	
168	0.218	GRD	
169	3.13	GRD	
170	2.51	GRD	
171	4.27	GRD	
172	2.49	GRD	
173	7.48	GRD	
174	8.26	GRD	
175	10.9	GRD	
176	13.7	GRD	
177	2.7	GRD	
178	1.09	GRD	
179	1.16	GRD	
180	4.01	GRD	
181	0.242	GRD	
182	0.597	GRD	
183	17.3	GRD	
184	14.7	GRD	
185	13.7	GRD	
186	19.5	GRD	
187	18.4	GRD	
188	17.9	GRD	
189	15.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
190	19.9	GRD	
191	12.2	GRD	
192	8.86	GRD	
193	10.5	GRD	
194	8.82	GRD	
195	3.39	GRD	
196	18.4	GRD	
197	11.7	GRD	
198	16.4	GRD	
199	18.8	GRD	
200	19.5	GRD	
201	21.1	GRD	
202	18.8	GRD	
203	18.7	GRD	
204	18.5	GRD	
205	21.7	GRD	
206	16.4	GRD	
207	6.59	GRD	
208	27	GRD	
209	0.641	GRD	
210	0.83	GRD	
211	0.616	GRD	
212	0.324	GRD	
213	0.479	GRD	
214	0.528	GRD	
215	0.556	GRD	
216	0.334	GRD	
217	0.294	GRD	
218	0.587	GRD	
219	0.486	GRD	
220	0.363	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
221	0.52	GRD	
222	0.316	GRD	
223	18.3	GRD	
224	18.7	GRD	
225	0.648	GRD	
226	14.3	GRD	
227	16.4	GRD	
228	6.07	GRD	
229	11.7	GRD	
230	14.6	GRD	
231	0.109	GRD	
232	0.153	GRD	
233	0.645	GRD	
234	0.399	GRD	
235	0.522	GRD	
236	3.4	GRD	
237	11	GRD	
238	19.4	GRD	
239	16.7	GRD	
240	19.7	GRD	
241	17.8	GRD	
242	0.22	GRD	
243	0.338	GRD	
244	4.72	GRD	
245	18.3	GRD	
246	9.12	GRD	
247	13.4	GRD	
248	8.2	GRD	
249	1.19	GRD	
250	7.79	GRD	
251	0.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
252	14.7	GRD	
253	16.8	GRD	
254	15.8	GRD	
255	12.1	GRD	
256	19.6	GRD	
257	18.7	GRD	
258	20.1	GRD	
259	2.27	GRD	
260	15	GRD	
261	17	GRD	
262	16.3	GRD	
263	0.563	GRD	
264	0.487	GRD	
265	13	GRD	
266	13.4	GRD	
267	6.61	GRD	
268	14.8	GRD	
269	15.1	GRD	
270	5.44	GRD	
271	0.267	GRD	
272	0.325	GRD	
273	0.516	GRD	
274	0.493	GRD	
275	0.501	QFP	
276	0.439	GRD	
277	0.68	GRD	
278	0.36	GRD	
279	0.173	GRD	
280	0.121	GRD	
281	0.218	GRD	
282	0.182	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
283	1.51	GRD	
284	1.84	GRD	
285	0.01	GRD	
286	0.364	GRD	
287	4.32	GRD	
288	19.9	GRD	
289	12.3	GRD	
290	13.7	GRD	
291	16.7	GRD	
292	2.7	GRD	
293	16.5	GRD	
294	1.38	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382448	6890702	1321.26	106.68

ZONE: Western Klaza

SECTION:

HOLE: KL-14-178

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Jul 13 - Jul 14, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
105.15	35.23	-48.5	Calculated

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	38.33	36.81	GRD
38.33	53.34	15.01	GRD
53.34	61.05	7.71	GRD
61.05	75.27	14.22	GRD
75.27	79.63	4.36	GRD
79.63	84.74	5.11	GRD
84.74	87.27	2.53	GRD
87.27	93.97	6.7	GRD
93.97	96.79	2.82	VEN
96.79	99.98	3.19	GRD
99.98	106.68	6.7	GRD

SAMPLES	
Numbers:	Q016895 to Q016900, Q926934 to Q926935, Q926937 to Q926939, Q926941 to Q926962
Total:	36
Batch:	078, 079, 093
Certificates:	WH14110347, WH14110348, WH14113787

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-178

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	5.87
2	5.87	10
3	10	14.33
4	14.33	18.55
5	18.55	22.73
6	22.73	26.87
7	26.87	31.3
8	31.3	35.29
9	35.29	39.52
10	39.52	42.95
11	42.95	46.78
12	46.78	51.2
13	51.2	55.31
14	55.31	59.54
15	59.54	63.55
16	63.55	67.64
17	67.64	71.81
18	71.81	75.94
19	75.94	79.98
20	79.98	83.82
21	83.82	87.95
22	87.95	92.33
23	92.33	96.01
24	96.01	100.2
25	100.2	104.72
26	104.72	106.68

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-178									
	46.61	15.1	NQ2	GRD	794.9	492.8	2.48	2.6	Moderate phyllic altered granodiorite with trace pottassic overprint with strong silicification and weak oxidation.
	46.78	16	NQ2	GRD	901.9	579.3	2.65	2.8	Mineralized phyllic altered dyke cut by quartz veinlet with blebby pyrite. Disseminated pyrite throughout sample.
	95.87	14.3	NQ2	VEN	854.6	569.1	2.81	3.0	Mineralized moderate phyllic and propalytic altered granodioritw with intense silicification. Cut by mineralized smoky qyartz veins and veinlets with netted textures with blebby pyrite, calcite. Disseminated jamesonite and arsenopyrite and sphalerite throughout. Cut by undulating quartz-calcite-ankerite veinlet with galena, pyrite, arsenopyrite and jamesonite
	96.01	15.6	NQ2	VEN	1110.1	794.3	3.35	3.5	Mineralized calcite veinlet with intergrown snowflake quartz textures. Large clasts of blebby ankerite, sphalerite, galena and pyrite. Disseminated jamesonite and blebby pyrite, sphalerite, arsenopyrite in banded smoky quartz vein.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	96.28	16.1	NQ2	VEN	1150.2	821.5	3.36	3.5	Smoky quartz vein with intermixed arsenopyrite, jamesonite, sphalerite and pyrite. Blebby veinlets of ankerite-calcite.

KL-14-178

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	38.33	36.81	GRD	MG	Pervasively weak to moderately silicified granodiorite with patchy trace propyllitic alteration. Oxidation along fracture surfaces.							
						MD	GN	PA	OXI	1I		
						LT	WH		SIL	2I		
									PRO	1I		
38.33	53.34	15.01	GRD	MG	Pervasively weak to moderately silicified granodiorite with patchy trace propyllitic alteration. Interval is extensively fractured and has moderate to strong oxidation along fracture surfaces. Narrow medium grey-green dykelet @ 46.78-47.09m.							
						MD	BN	FR	OXI	3I		
						MD	GY		SIL	2I		
									PRO	1I		
									POT	2I		
53.34	61.05	7.71	GRD	MG	Pervasively weak to moderately silicified granodiorite with patchy trace propyllitic alteration. Oxidation along fracture surfaces.							
						MD	GY	PA	OXI	1I		
						LT	WH		SIL	2I		
									PRO	1I		
61.05	75.27	14.22	GRD	MG	Pervasively weak to moderately silicified granodiorite with patchy trace propyllitic potassic alteration. Oxidation and hematite staining along fracture surfaces.							
						MD	GY	PA	OXI	1I	He	3
						MD	BN		SIL	2I		
						LT	PK		PRO	1I		
									POT	1I		
									HEM	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
75.27	79.63	4.36	GRD	MG	Granodiorite with phyllic-argillic vein halos. Areas of stronger argillic are crumbled and oxidized. Recovery is fractured with oxidation on fractures. Cut by banded-colloform smoky quartz-carbonate veins with disseminated pyrite.							
						MD	BF	RB	SIL	1I		
						MD	GY		PHC	3I		
						LT	GN	FR	OXI	2I	Li	6
									ARG	2I		
79.63	84.74	5.11	GRD	MG	Fractured weakly pervasive propylitic and potassic altered granodiorite.							
						MD	GY	FR	PRO	2I		
						MD	GN		POT	1I		
84.74	87.27	2.53	GRD	MG	Phyllic vein halos on smoky quartz-carbonate veins with disseminated pyrite. Trace oxidation on fractures.							
						LT	GN		OXI	1I		
									SIL	2I		
									PHC	3I		
									POT	1I		
87.27	93.97	6.70	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite.							
						MD	GY		SIL	3I		
						MD	GN		POT	2I		
									PRO	2I		
93.97	96.79	2.82	GRD	MG	Main klaza vein in this hole. Complex smoky quartz vein with bands of ankerite, pyrite, arsenopyrite, carbonate, and large amounts of jamesonite. Blebby galena and honey brown sphalerite.							
						LT	GN		SIL	2I	Py	8
						LT	WH		PHC	3I	As	5
						DK	GY				Jm	8
											Sp	4
											Gn	1
96.79	99.98	3.19	GRD	MG	Phyllic-argillic vein halos with silica overprint. Cut by smoky quartz-carbonate veins and a smoky quartz breccia.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	SIL	2I	Py	1
						LT	WH		PHC	2I		
									ARG	2I		
99.98	106.68	6.70	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification.							
						MD	GN		POT	1I		
						MD	GY		SIL	3I		
						LT	PK		PRO	2I		

KL-14-178

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	38.33	36.81	GRD	MG	Pervasively weak to moderately silicified granodiorite with patchy trace propyllitic alteration. Oxidation along fracture surfaces.							
						MD	GY	PA	OXI	1I		
						LT	WH		SIL	2I		
									PRO	1I		
38.33	53.34	15.01	GRD	MG	Pervasively weak to moderately silicified granodiorite with patchy trace propyllitic alteration. Interval is extensively fractured and has moderate to strong oxidation along fracture surfaces. Narrow medium grey-green dykelet @ 46.78-47.09m.							
									POT	2I		
						MD	BN	FR	OXI	3I		
									PRO	1I		
						MD	GY		SIL	2I		
53.34	61.05	7.71	GRD	MG	Pervasively weak to moderately silicified granodiorite with patchy trace propyllitic alteration. Oxidation along fracture surfaces.							
						MD	GY	PA	OXI	1I		
						LT	WH		SIL	2I		
									PRO	1I		
61.05	75.27	14.22	GRD	MG	Pervasively weak to moderately silicified granodiorite with patchy trace propyllitic potassic alteration. Oxidation and hematite staining along fracture surfaces.							
									SIL	2I		
						LT	PK		HEM	1I		
						MD	BN		POT	1I		
						MD	GY		PRO	1I		
									OXI	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
75.27	79.63	4.36	GRD	MG	Granodiorite with phyllic-argillic vein halos. Areas of stronger argillic are crumbled and oxidized. Recovery is fractured with oxidation on fractures. Cut by banded-colloform smoky quartz-carbonate veins with disseminated pyrite.							
									PHC	3I		
								RB	SIL	1I		
									ARG	2I		
								FR	OXI	2I	Li	6
79.63	84.74	5.11	GRD	MG	Fractured weakly pervasive propylitic and potassic altered granodiorite.							
						MD	GY	FR	PRO	2I		
						MD	GN		POT	1I		
84.74	87.27	2.53	GRD	MG	Phyllic vein halos on smoky quartz-carbonate veins with disseminated pyrite. Trace oxidation on fractures.							
									PHC	3I		
									POT	1I		
						LT	GN		OXI	1I		
									SIL	2I		
87.27	93.97	6.70	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite.							
						MD	GY		POT	2I		
									PRO	2I		
						MD	GN		SIL	3I		
93.97	96.79	2.82	VEN	MG	Main klaza vein in this hole. Complex smoky quartz vein with bands of ankerite, pyrite, arsenopyrite, carbonate, and large amounts of jamesonite. Blebby galena and honey brown sphalerite.							
											Gn	1
											Sp	4
						LT	WH		PHC	3I	As	5
						LT	GN		SIL	2I	Py	8
						DK	GY				Jm	8
96.79	99.98	3.19	GRD	MG	Phyllic-argillic vein halos with silica overprint. Cut by smoky quartz-carbonate veins and a smoky quartz breccia.							
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	SIL	2I	Py	1
						LT	WH		PHC	2I		
99.98	106.68	6.70	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification.							
						LT	PK		PRO	2I		
						MD	GN		POT	1I		
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	2.28	75	1.06	35	--	4H	2W	
4.57	7.62	3.05	3.05	100	1.08	35	--	4H	2W	
7.62	10.67	3.05	3.05	100	1.40	46	--	4H	2W	
10.67	13.72	3.05	3.05	100	2.39	78	--	4H	2W	
13.72	16.76	3.04	3.02	99	2.41	79	--	4H	2W	
16.76	19.81	3.05	3.05	100	1.82	60	--	4H	2W	
19.81	22.86	3.05	3.05	100	2.61	86	--	4H	2W	
22.86	25.91	3.05	2.91	95	2.36	77	--	4H	2W	
25.91	28.96	3.05	2.99	98	2.50	82	--	4H	2W	
28.96	32.00	3.04	3.04	100	2.86	94	--	4H	2W	
32.00	35.05	3.05	2.9	95	1.57	51	--	4H	2W	
35.05	38.10	3.05	2.86	94	2.22	73	--	4H	2W	
38.10	41.15	3.05	2.9	95	1.62	53	--	4H	2W	
41.15	44.20	3.05	2.54	83	0.53	17	--	4H	3W	
44.20	47.24	3.04	3.04	100	2.39	79	--	3H	3W	
47.24	50.29	3.05	2.63	86	0.93	30	--	3H	4W	
50.29	53.34	3.05	2.83	93	1.10	36	--	4H	3W	
53.34	56.39	3.05	3.05	100	2.38	78	--	4H	2W	
56.39	59.44	3.05	3	98	2.60	85	--	4H	2W	
59.44	62.48	3.04	2.96	97	1.24	41	--	4H	3W	
62.48	65.53	3.05	1.98	65	1.06	35	--	4H	2W	
65.53	68.58	3.05	3.05	100	2.10	69	--	4H	2W	
68.58	71.63	3.05	3.05	100	0.96	31	--	4H	2W	
71.63	74.68	3.05	2.89	95	1.58	52	--	4H	2W	
74.68	77.72	3.04	2.41	79	1.25	41	--	2H	3W	
77.72	80.77	3.05	2.7	89	0.56	18	--	2H	2W	
80.77	83.82	3.05	2.8	92	1.26	41	--	3H	1W	
83.82	86.87	3.05	3.03	99	1.85	61	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.98	98	2.68	88	--	4H	1W	
89.92	92.96	3.04	2.96	97	2.30	76	--	4H	1W	
92.96	96.01	3.05	3.05	100	2.26	74	--	3H	1W	
96.01	99.06	3.05	3.03	99	2.43	80	--	3H	1W	
99.06	102.11	3.05	2.74	90	2.37	78	--	3H	1W	
102.11	105.16	3.05	2.88	94	2.42	79	--	4H	1W	
105.16	106.68	1.52	1.27	84	1.01	66	--	4H	1W	EOH

KL-14-178

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	17.6	GRD	
3	5.51	GRD	
4	7.94	GRD	
5	9.6	GRD	
6	9.03	GRD	
7	8.48	GRD	
8	11	GRD	
9	12.4	GRD	
10	15.9	GRD	
11	12.1	GRD	
12	17.8	GRD	
13	24.3	GRD	
14	12.8	GRD	
15	12.3	GRD	
16	4.71	GRD	
17	9.66	GRD	
18	12	GRD	
19	10.1	GRD	
20	16.7	GRD	
21	11.7	GRD	
22	18.5	GRD	
23	12.5	GRD	
24	18	GRD	
25	17.7	GRD	
26	18.2	GRD	
27	13.7	GRD	
28	18.6	GRD	
29	0.402	GRD	
30	15.7	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	14.2	GRD	
32	19.1	GRD	
33	10.3	GRD	
34	8.45	GRD	
35	15.7	GRD	
36	23	GRD	
37	25.3	GRD	
38	16.4	GRD	
39	0.523	GRD	
40	14.9	GRD	
41	0.869	GRD	
42	1.84	GRD	
43	18.7	GRD	
44	7.24	GRD	
45	5.62	GRD	
46	0.671	GRD	
47	7	GRD	
48	1.24	GRD	
49	5.62	GRD	
50	0.92	GRD	
51	0.995	GRD	
52	1.32	GRD	
53	0.962	GRD	
54	20.8	GRD	
55	11	GRD	
56	4.91	GRD	
57	17.8	GRD	
58	15.8	GRD	
59	13.6	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	14	GRD	
61	1.77	GRD	
62	9.04	GRD	
63	13.2	GRD	
64	6.25	GRD	
65	13.7	GRD	
66	7.73	GRD	
67	8	GRD	
68	7.38	GRD	
69	11.1	GRD	
70	12.5	GRD	
71	12.4	GRD	
72	16	GRD	
73	6.31	GRD	
74	5.1	GRD	
75	7.98	GRD	
76	0.375	GRD	
77	9.62	GRD	
78	0.281	GRD	
79	0.345	GRD	
80	0.701	GRD	
81	0.742	GRD	
82	0.496	GRD	
83	0.602	GRD	
84	5.89	GRD	
85	0.308	GRD	
86	0.369	GRD	
87	0.824	GRD	
88	14.1	GRD	
89	17.5	GRD	
90	19.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
91	19.4	GRD	
92	16.5	GRD	
93	14	GRD	
94	0.909	VEN	
95	0.164	VEN	
96	0.219	VEN	
97	0.434	GRD	
98	0.222	GRD	
99	0.228	GRD	
100	0.227	GRD	
101	4.19	GRD	
102	10.4	GRD	
103	14.4	GRD	
104	14.7	GRD	
105	7.76	GRD	
106	0.77	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382390	6890778	1309.85	141.73

ZONE: Western Klaza

SECTION:

HOLE: KL-14-179

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Jul 14 - Jul 15, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
141.73	35.33	-50.2	Calculated

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	9.95	8.43	GRD
9.95	15.05	5.1	GRD
15.05	18.31	3.26	GRD
18.31	21.51	3.2	GRD
21.51	56.21	34.7	GRD
56.21	62.03	5.82	GRD
62.03	92.96	30.93	GRD
92.96	98.97	6.01	GRD
98.97	107.06	8.09	GRD
107.06	109.61	2.55	GRD
109.61	112.69	3.08	GRD
112.69	112.85	0.16	QFP
112.85	118.33	5.48	GRD
118.33	118.98	0.65	QFP
118.98	121.53	2.55	GRD

SAMPLES	
Numbers:	Q926963 to Q927001, Q927021 to Q927048
Total:	73
Batch:	079, 081, 082
Certificates:	WH14110348, WH14110380, WH14110381

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

121.53	141.73	20.2	GRD

Box Log

KL-14-179

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	5.78
2	5.78	10.02
3	10.02	13.9
4	13.9	18.52
5	18.52	22.86
6	22.86	27.1
7	27.1	31.18
8	31.18	35.29
9	35.29	39.4
10	39.4	43.64
11	43.64	47.83
12	47.83	52.06
13	52.06	56.39
14	56.39	60.75
15	60.75	64.9
16	64.9	68.65
17	68.65	73
18	73	77.21
19	77.21	81.11
20	81.11	85.62
21	85.62	94.12
22	94.12	98.76
23	98.76	102.9
24	102.9	107.16
25	107.16	111.31
26	111.31	115.63
27	115.63	119.8
28	119.8	124.13
29	124.13	128.52
30	128.52	132.59
31	132.59	136.71
32	136.71	141.15
33	141.15	141.73

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-179									
	10.23	11.2	NQ2	GRD	600.2	377.4	2.52	2.7	White with black specs and moderate propalytic altered clasts granodiorite with blebby pyrite. Band of moderate oxidation near fracture surfaces.
	32.09	7.4	NQ2	GRD	419.5	269.5	2.67	2.8	Moderate phyllic altered granodiorite with moderate propalytic overprint and moderate silicification with bladed specular hematite.
	37.69	18.6	NQ2	GRD	1011	641.3	2.56	2.7	Mineralized smoky, clear quartz-calcite-ankerite vein with blebby and dissemianted blackjack sphalerite, goethite, pyrite, ankerite and calcite surrounded progressive alteration halos of moderate propalytic, moderate phyllic, moderate oxidation with pervasive weak oxidation and moderate silicification throughout.
	68.58	7.4	NQ2	GRD	426.8	280.1	2.72	2.9	Banded moderate propalytic and weak phyllic altered granodiorite with strong silicification. Cut by 2 centimetere smoky quartz veins and netted quartz-calcite veinlets and pyrite veinlets.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	83.82	12.2	NQ2	GRD	665.3	426.9	2.57	2.8	Moderate phyllic altered granodiorite with moderate propalytic and moderate silicification and disseminated pyrite. Cut by 0.5 centimeter quartz veinlets with blebby sphalerite, pyrite and a large bleb of chalcedony.
	109.61	15.1	NQ2	GRD	870.9	561.9	2.72	2.8	Moderate propalytic altered granodiorite with weak phyllic overprint and moderate silicification. Disseminated pyrite and blackjack sphalerite. Cut by 2 centimeter 40 degree quartz-ankerite-calcite vein with blebby blackjack sphalerite and pyrite. Undulating crisscrossing ankerite-calcite veinlets also present.
	109.61	15.1	NQ2	GRD	870.9	561.9	2.72	2.8	Moderate propalytic altered granodiorite with weak phyllic overprint and moderate silicification. Disseminated pyrite and blackjack sphalerite. Cut by 2 centimeter 40 degree quartz-ankerite-calcite vein with blebby blackjack sphalerite and pyrite. Undulating crisscrossing ankerite-calcite veinlets also present.
	112.33		NQ2	GRD	266		3.32		Mineralized smoky quartz vein with disseminated jamesonite, sphalerite and arsenopyrite.
	112.54	12.2	NQ2	GRD	630.7	394.5	2.43	2.7	gougy smoky quartz breccia with disseminated pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	9.95	8.43	GRD	MG	Pervasive propylitic and silicification with patchy potassic and oxidation on fractures. Cut by pink aplite dyklets.							
						MD	GY	PA	OXI	2I	Li	2
						LT	PK		SIL	2I		
						LT	GN		PRO	2I		
									POT	1I		
9.95	15.05	5.10	GRD	MG	Moderate-strongly oxidized granodiorite with patchy propylitic, patchy silicification, and vein/fracture-associated phyllic and argillic. Cut by strongly oxidized quartz veins with blebby galena. Some fractures with black goethite have disseminated galena on their surfaces. Short section of rubble at 13.72-13.90m.							
						MD	BN	FR	SIL	2I	Li	6
						LT	GN	PA	OXI	4I	Gn	1
						LT	WH		PRO	2I	Go	2
									PHC	2I		
									ARG	2I		
15.05	17.24	2.19	GRD	MG	Patchy propylitic, argillic, and pervasive silicified granodiorite. Oxidation on fractures and argillic patches.							
						MD	GN	PA	OXI	2I	Gn	1
						MD	BN		SIL	2I	He	2
									PRO	3I	Li	4
									ARG	1I		
17.24	18.31	1.07	GRD	MG	Patch of oxidized argillic altered granodiorite.							
						MD	BN		SIL	1I		
						LT	OR		OXI	3I	Li	5
									ARG	3I		
18.31	21.51	3.20	GRD	MG	Pervasive propylitic, potassic, silicification, and fracture-associated oxidation.							
						MD	GY		OXI	1I	Li	2
						MD	PK		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	2I		
									POT	2I		
21.51	22.80	1.29	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification. Oxidation on fractures/vein halos.							
						MD	GY		OXI	2I	Li	3
						MD	GN		SIL	2I		
						MD	GN		PRO	2I		
									POT	1I		
27.10	56.21	29.11	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification. Oxidation on fractures/vein halos.							
						MD	GY		OXI	2I	Li	2
						MD	BN		SIL	2I		
						MD	GN		PRO	2I		
									POT	1I		
56.21	62.03	5.82	GRD	MG	Moderate pervasive oxidation with patchy silicification and potassic. Vein-associated argillic-phyllic alteration. Cut by calcite veinlets and a breccia at 38.92-59.07m.							
						MD	BN	PA	OXI	3I	Li	8
						LT	PK		SIL	1I		
						LT	WH		ARG	2I		
						LT	GN		PHC	2I		
									POT	2I		
62.03	68.44	6.41	GRD	MG	Granodiorite with pervasive propylitic and silicificiation with patchy potassic. Overprinted by phyllic-argillic vein halos. Oxidation on fractures.							
						MD	GY	PA	OXI	1I	Li	2
						MD	GN		SIL	2I		
						LT	GN		PRO	3I		
						LT	WH		POT	1I		
									PHC	1I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
68.44	71.19	2.75	GRD	MG	Phyllic alteration in vein halos. Cut by banded clear-smoky quartz/carbonate veins hosting blebby-disseminated pyrite.							
						MD	GY		SIL	2I		
						LT	GN	PA	OXI	1I	Py	1
									PRO	2I		
									PHC	2I		
71.19	73.55	2.36	GRD	MG	Granodiorite with pervasive propylitic and silicificiation with patchy potassic. Overprinted by phyllic-argillic vein halos. Oxidation on fractures.							
						MD	GY	PA	OXI	1I		
						MD	GN		SIL	2I		
						LT	GN		PRO	2I		
						LT	WH		POT	1I		
									PHC	1I		
									ARG	1I		
73.55	75.40	1.85	GRD	MG	Phyllic alteration in vein halos. Cut by banded clear-smoky quartz/carbonate veins hosting blebby-disseminated pyrite.							
						MD	GY		SIL	2I		
						LT	GN	PA	OXI	1I		
									PRO	2I		
									PHC	2I		
75.40	83.06	7.66	GRD	MG	Granodiorite with pervasive propylitic and silicificiation with patchy potassic. Overprinted by phyllic-argillic vein halos. Oxidation on fractures.							
						MD	GY	PA	OXI	1I	Li	2
						MD	GN		SIL	2I		
						LT	WH		POT	1I		
						LT	GY		PRO	2I		
									PHC	1I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
83.06	86.75	3.69	GRD	MG	Phyllic alteration in vein halos. Cut by banded clear-smoky quartz/carbonate veins hosting blebby-disseminated pyrite. Cut by smoky quartz breccias.							
						MD	GY		SIL	2I		
						LT	GN	PA	OXI	1I		
									PRO	2I		
									PHC	2I		
86.75	90.93	4.18	GRD	MG	Granodiorite with pervasive propylitic and silicificiation with patchy potassic. Overprinted by phyllic-argillic vein halos. Oxidation on fractures.							
						MD	GN	PA	OXI	1I	Li	2
						MD	GY		SIL	2I		
						LT	GN		PRO	2I		
						LT	WH		POT	1I		
									PHC	1I		
									ARG	1I		
90.93	91.57	0.64	GRD	MG	Phyllic							
						MD	GY		OXI	1I		
						LT	GN	PA	SIL	2I		
									PHC	2I		
									PRO	2I		
91.57	92.96	1.39	GRD	MG	Granodiorite with pervasive propylitic and silicificiation with patchy potassic. Overprinted by phyllic-argillic vein halos. Oxidation on fractures.							
						MD	GN	PA	OXI	1I	Li	2
						MD	GY		SIL	2I		
						LT	GN		PRO	2I		
						LT	WH		POT	1I		
									PHC	1I		
									ARG	1I		
92.96	98.97	6.01	GRD	MG	Mottled light-medium green phyllic-argillic and silicification. Cut by clear-smoky quartz veins with disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	MO	SIL	2I	Py	1
						LT	GN		PHC	3I		
									ARG	2I		
98.97	107.06	8.09	GRD	MG	Granodiorite with propylitic, potassic, and silicification.							
						MD	PK		PRO	3I		
						MD	GN		SIL	2I		
						LT	GN		POT	2I		
107.06	109.61	2.55	GRD	MG	Propylitic, silica, and potassic altered granodiorite with phyllic-argillic vein halos.							
						MD	GN	PA	SIL	2I		
						MD	PK		PHC	2I		
						LT	GN		ARG	1I		
									PRO	2I		
									POT	1I		
109.61	112.69	3.08	GRD	MG	Main Klaza vein zone. Phyllic altered granodiorite with patchy propylitic, argillic, and silicification. Cut by smoky quartz-carbonated veins with pyrite and smoky quartz breccias.							
						MD	GN	PA	SIL	2I	Py	2
						MD	GY		PHC	3I		
						LT	GN		PRO	1I		
									ARG	2I		
112.69	112.85	0.16	QFP	FG	Medium tan quartz feldspar porphyry dyke. Netted by quartz stringers. 50 TCA sharp contacts.							
						MD	TN	PO	SIL	2I		
								NE	HYD	4I		
112.85	118.33	5.48	GRD	MG	\Main Klaza vein zone. Phyllic altered granodiorite with patchy propylitic, argillic, and silicification. Cut by smoky quartz-carbonated veins with pyrite and smoky quartz breccias.							
						MD	GN		SIL	2I	Py	1
						LT	GN		PHC	3I		
									PRO	2I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
118.33	118.98	0.65	QFP	FG	70 TCA sharp top contact, 60 TCA sharp bottom contact. Maroon quartz feldspar porphyry dyke with tan chilled margins.							
						MD	MR	PO	SIL	2I		
						MD	TN		HYD	4I		
118.98	121.53	2.55	GRD	MG	Propylitic, potassic, and silicified granodiorite with phyllic-argillic vein halos. Single vein at quartz feldspar porphyry contact.							
						MD	GN	PA	SIL	2I		
						LT	GN		PRO	2I		
									PHC	2I		
									POT	2I		
									ARG	1I		
121.53	141.73	20.20	GRD	MG	Pervasive propylitic, silicified, and potassic altered granodiorite. Cut by single vein with phyllic-argillic halo at 134.42-135.42m.							
						MD	GN		SIL	3I		
						MD	PK		PHC	1I		
						LT	WH		PRO	3I		
									POT	2I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	9.95	8.43	GRD	MG	Pervasive propylitic and silicification with patchy potassic and oxidation on fractures. Cut by pink aplite dyklets.							
						MD	GY	PA	OXI	2I	Li	2
						LT	PK		SIL	2I		
						LT	GN		PRO	2I		
									POT	1I		
9.95	15.05	5.10	GRD	MG	Moderate-strongly oxidized granodiorite with patchy propylitic, patchy silicification, and vein/fracture-associated phyllic and argillic. Cut by strongly oxidized quartz veins with blebby galena. Some fractures with black goethite have disseminated galena on their surfaces. Short section of rubble at 13.72-13.90m.							
						LT	GN	PA	OXI	4I	Gn	1
						MD	BN	FR	SIL	2I	Li	6
						LT	WH		PRO	2I	Go	2
									PHC	2I		
									ARG	2I		
15.05	18.31	3.26	GRD	MG	Patchy propylitic, argillic, and pervasive silicified granodiorite. Oxidation on fractures and argillic patches.							
						MD	GN	PA	OXI	3I	Gn	1
						MD	BN		SIL	2I	He	2
									PRO	3I	Li	4
									ARG	2I		
18.31	21.51	3.20	GRD	MG	Pervasive propylitic, potassic, silicification, and fracture-associated oxidation.							
						MD	GN		OXI	1I	Li	2
									POT	2I		
									PRO	2I		
						MD	PK		SIL	3I		
21.51	56.21	34.70	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification overprinted by phyllic-argillic vein halos. Oxidation on fractures/vein halos.							
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	1I		
						MD	GN		PRO	2I		
						MD	BN		PHC	2I		
						LT	GN		SIL	2I		
						MD	GY	PA	OXI	2I	Li	3
56.21	62.03	5.82	GRD	MG	Moderate pervasive oxidation with patchy silicification and potassic. Vein-associated argillic-phyllic alteration. Cut by calcite veinlets and a breccia at 38.92-59.07m.							
						LT	PK		SIL	1I		
						LT	WH		ARG	2I		
						LT	GN		PHC	2I		
									POT	2I		
						MD	BN	PA	OXI	3I	Li	8
62.03	92.96	30.93	GRD	MG	Granodiorite with pervasive propylitic and silicificiation with patchy potassic. Overprinted by phyllic-argillic vein halos. Oxidation on fractures.							
						LT	GN		PRO	2I		
						LT	WH		POT	1I		
						MD	GN		SIL	2I		
						MD	GY	PA	OXI	1I	Li	2
									ARG	1I		
									PHC	1I		
92.96	98.97	6.01	GRD	MG	Mottled light-medium green phyllic-argillic and silicification. Cut by clear-smoky quartz veins with disseminated pyrite.							
						MD	GN	MO	SIL	2I	Py	1
						LT	GN		PHC	3I		
									ARG	2I		
98.97	107.06	8.09	GRD	MG	Granodiorite with propylitic, potassic, and silicification.							
						MD	GN		POT	2I		
						MD	PK		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	2I		
107.06	109.61	2.55	GRD	MG	Propylitic, silica, and potassic altered granodiorite with phyllic-argillic vein halos.							
						MD	GN	PA	SIL	2I		
						LT	GN		PHC	2I		
						MD	PK		ARG	1I		
									PRO	2I		
									POT	1I		
109.61	112.69	3.08	GRD	MG	First Klaza vein zone. Phyllic altered granodiorite with patchy propylitic, argillic, and silicification. Cut by smoky quartz-carbonated veins with pyrite and smoky quartz breccias.							
						MD	GY		PHC	3I		
									ARG	1I		
						MD	GN	PA	SIL	2I	Py	2
						LT	GN		PRO	1I		
112.69	112.85	0.16	QFP	FG	Medium tan quartz feldspar porphyry dyke. Netted by quartz stringers. 50 TCA sharp contacts.							
						MD	TN	NE	SIL	2I		
								PO	HYD	4I		
112.85	118.33	5.48	GRD	MG	Second Klaza vein zone. Phyllic altered granodiorite with patchy propylitic, argillic, and silicification. Cut by smoky quartz-carbonated veins with pyrite and smoky quartz breccias.							
									ARG	2I		
						MD	GN		SIL	2I	Py	1
						LT	GN		PHC	3I		
									PRO	2I		
118.33	118.98	0.65	QFP	FG	70 TCA sharp top contact, 60 TCA sharp bottom contact. Maroon quartz feldspar porphyry dyke with tan chilled margins.							
						MD	TN		HYD	4I		
						MD	MR	PO	SIL	2I		
118.98	121.53	2.55	GRD	MG	Propylitic, potassic, and silicified granodiorite with phyllic-argillic vein halos. Single vein at quartz feldspar porphyry contact.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	SIL	2I		
						LT	GN		PRO	2I		
									PHC	2I		
									POT	2I		
									ARG	1I		
121.53	141.73	20.20	GRD	MG	Pervasive propylitic, silicified, and potassic altered granodiorite. Cut by single vein with phyllic-argillic halo at 134.42-135.42m.							
						MD	PK		PHC	1I		
									ARG	1I		
						LT	WH		PRO	3I		
						MD	GN		SIL	3I		
									POT	2I		

KL-14-179

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	4.57	3.05	2.36	77	0.84	28	--	4H	2W	
4.57	7.62	3.05	2.97	97	1.95	64	--	4H	2W	
7.62	10.67	3.05	2.79	91	1.40	46	--	4H	2W	
10.67	13.72	3.05	2.67	88	1.20	39	--	3H	3W	
13.72	16.76	3.04	2.35	77	1.12	37	--	3H	2W	
16.76	19.81	3.05	3.05	100	2.34	77	--	3H	2W	
19.81	22.86	3.05	2.96	97	2.37	78	--	3H	3W	
22.86	25.91	3.05	3.05	100	2.20	72	--	3H	2W	
25.91	28.96	3.05	2.86	94	1.48	49	--	3H	3W	
28.96	32.00	3.04	2.98	98	1.10	36	--	3H	2W	
32.00	35.05	3.05	3	98	2.25	74	--	3H	2W	
35.05	38.10	3.05	2.91	95	2.14	70	--	4H	2W	
38.10	41.15	3.05	3.05	100	1.71	56	--	3H	2W	
41.15	44.20	3.05	2.91	95	2.09	69	--	4H	2W	
44.20	47.24	3.04	2.92	96	2.15	71	--	4H	2W	
47.24	50.29	3.05	3.01	99	2.47	81	--	4H	2W	
50.29	53.34	3.05	2.97	97	1.91	63	--	4H	2W	
53.34	56.39	3.05	2.83	93	1.27	42	--	4H	2W	
56.39	59.44	3.05	2.62	86	0.91	30	--	3H	3W	
59.44	62.48	3.04	2.95	97	1.94	64	--	3H	2W	
62.48	65.53	3.05	3.05	100	1.73	57	--	4H	3W	
65.53	68.58	3.05	2.78	91	1.49	49	--	3H	2W	
68.58	71.63	3.05	2.94	96	1.95	64	--	3H	2W	
71.63	74.68	3.05	3	98	1.97	65	--	3H	2W	
74.68	77.72	3.04	2.94	97	2.01	66	--	4H	2W	
77.72	80.77	3.05	2.94	96	2.01	66	--	4H	2W	
80.77	83.82	3.05	2.92	96	1.93	63	--	4H	2W	
83.82	86.87	3.05	3	98	1.47	48	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	2.97	97	2.04	67	--	4H	1W	
89.92	92.96	3.04	2.98	98	2.22	73	--	3H	1W	
92.96	96.01	3.05	2.46	81	1.21	40	--	3H	1W	
96.01	99.06	3.05	3	98	1.91	63	--	3H	1W	
99.06	102.11	3.05	3.02	99	2.33	76	--	4H	1W	
102.11	105.16	3.05	2.93	96	2.64	87	--	4H	1W	
105.16	108.20	3.04	3.04	100	2.29	75	--	4H	1W	
108.20	111.25	3.05	3.05	100	2.51	82	--	3H	1W	
111.25	114.30	3.05	2.72	89	1.84	60	--	3H	1W	
114.30	117.35	3.05	3	98	2.68	88	--	3H	1W	
117.35	120.40	3.05	2.92	96	2.05	67	--	3H	1W	
120.40	123.44	3.04	3.04	100	2.57	85	--	3H	1W	
123.44	126.49	3.05	3	98	2.77	91	--	4H	1W	
126.49	129.54	3.05	2.96	97	2.47	81	--	4H	1W	
129.54	132.59	3.05	2.96	97	2.66	87	--	4H	1W	
132.59	135.63	3.04	3.01	99	2.31	76	--	3H	1W	
135.63	138.68	3.05	3.01	99	2.22	73	--	4H	1W	
138.68	141.73	3.05	2.74	90	1.64	54	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	24.1	GRD	
3	25.7	GRD	
4	19.4	GRD	
5	4.26	GRD	
6	27.7	GRD	
7	10.6	GRD	
8	0.502	GRD	
9	22.5	GRD	
10	0.439	GRD	
11	17.2	GRD	
12	1.31	GRD	
13	0.334	GRD	
14	0.327	GRD	
15	0.578	GRD	
16	0.616	GRD	
17	1.24	GRD	
18	0.336	GRD	
19	1.06	GRD	
20	9.67	GRD	
21	24.2	GRD	
22	0.538	GRD	
23	0.396	GRD	
24	0.508	GRD	
25	6.19	GRD	
26	0.525	GRD	
27	0.45	GRD	
28	0.598	GRD	
29	0.539	GRD	
30	0.234	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	5.89	GRD	
32	0.407	GRD	
33	10	GRD	
34	34.7	GRD	
35	28.2	GRD	
36	24.6	GRD	
37	1.04	GRD	
38	0.434	GRD	
39	31.6	GRD	
40	1.99	GRD	
41	17.6	GRD	
42	16.2	GRD	
43	20.9	GRD	
44	17.7	GRD	
45	27.2	GRD	
46	20.9	GRD	
47	21.3	GRD	
48	18.6	GRD	
49	19.6	GRD	
50	9.33	GRD	
51	17.5	GRD	
52	13.8	GRD	
53	8.78	GRD	
54	5.62	GRD	
55	20.2	GRD	
56	11.5	GRD	
57	0.245	GRD	
58	0.185	GRD	
59	0.295	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	0.347	GRD	
61	0.945	GRD	
62	5.14	GRD	
63	10.14	GRD	
64	0.438	GRD	
65	0.803	GRD	
66	12	GRD	
67	10.5	GRD	
68	6.4	GRD	
69	0.763	GRD	
70	0.242	GRD	
71	0.286	GRD	
72	0.317	GRD	
73	9.9	GRD	
74	0.535	GRD	
75	0.661	GRD	
76	12.4	GRD	
77	10.8	GRD	
78	6.78	GRD	
79	4.68	GRD	
80	0.325	GRD	
81	3.7	GRD	
82	5.9	GRD	
83	0.36	GRD	
84	0.437	GRD	
85	0.264	GRD	
86	0.346	GRD	
87	1.97	GRD	
88	3.46	GRD	
89	3.37	GRD	
90	3.15	GRD	
91	1.5	GRD	
92	4.62	GRD	
93	0.656	GRD	
94	0.735	GRD	
95	0.524	GRD	
96	0.414	GRD	
97	0.504	GRD	
98	0.388	GRD	
99	0.4	GRD	
100	5.09	GRD	
101	0.252	GRD	
102	17.9	GRD	
103	20.3	GRD	
104	3.33	GRD	
105	11.8	GRD	
106	11.1	GRD	
107	13.1	GRD	
108	11.5	GRD	
109	7.3	GRD	
110	0.358	GRD	
111	0.234	GRD	
112	0.192	GRD	
113	0.328	GRD	
114	0.256	GRD	
115	0.521	GRD	
116	0.602	GRD	
117	0.49	GRD	
118	0.411	GRD	
119	0.285	GRD	
120	0.405	GRD	
121	0.718	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	0.528	GRD	
123	7.49	GRD	
124	12.5	GRD	
125	15.1	GRD	
126	13.8	GRD	
127	15.3	GRD	
128	13.4	GRD	
129	10	GRD	
130	12	GRD	
131	14.1	GRD	
132	15.6	GRD	
133	15.6	GRD	
134	12.9	GRD	
135	0.521	GRD	
136	8.89	GRD	
137	5.55	GRD	
138	4.4	GRD	
139	2.7	GRD	
140	2.29	GRD	
141	4.79	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382312	6890666	1311.72	266.7

ZONE: Western Klaza

SECTION:

HOLE: KL-14-180

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 7.62m, Out

Drilling Dates: Jul 15 - Jul 17, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
266.7	38.8	-50.5	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.46	3.46	CAS
3.46	6.76	3.3	GRD
6.76	10.04	3.28	GRD
10.04	43.04	33	GRD
43.04	46.29	3.25	GRD
46.29	55.67	9.38	GRD
55.67	56.51	0.84	GRD
56.51	58.82	2.31	GRD
58.82	61.77	2.95	GRD
61.77	64.38	2.61	GRD
64.38	82.73	18.35	GRD
82.73	85.88	3.15	GRD
85.88	94.98	9.1	GRD
94.98	101.27	6.29	GRD
101.27	104.46	3.19	QFP
104.46	107.88	3.42	GRD

SAMPLES	
Numbers:	Q016908 to Q016911, Q927049 to Q927181
Total:	145
Batch:	082, 083, 084, 086, 087, 093
Certificates:	WH14110381, WH14110382, WH14110383, WH14110385, WH14110389, WH14113787

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

107.88	116.43	8.55	GRD
116.43	121.42	4.99	QFP
121.42	136.4	14.98	GRD
136.4	157.28	20.88	GRD
157.28	163.19	5.91	GRD
163.19	179.27	16.08	GRD
179.27	182.72	3.45	GRD
182.72	185.05	2.33	GRD
185.05	185.52	0.47	BXA
185.52	199.78	14.26	GRD
199.78	204.13	4.35	GRD
204.13	209.88	5.75	GRD
209.88	211.81	1.93	QFP
211.81	213.39	1.58	GRD
213.39	228.73	15.34	GRD
228.73	239.26	10.53	GRD
239.26	247.67	8.41	GRD
247.67	251.46	3.79	GRD
251.46	266.7	15.24	GRD

Box Log

KL-14-180

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.46	6.88
2	6.88	10.93
3	10.93	15.34
4	15.34	19.2
5	19.2	23.3
6	23.3	27.27
7	27.27	31.65
8	31.65	35.57
9	35.57	39.71
10	39.71	44.2
11	44.2	48.23
12	48.23	52.33
13	52.33	55.88
14	55.88	59.38
15	59.38	63.43
16	63.43	68
17	68	72.19
18	72.19	76.6
19	76.6	80.88
20	80.88	84.98
21	84.98	88.99
22	88.99	93.32
23	93.32	97.54
24	97.54	101.92
25	101.92	106
26	106	110.36
27	110.36	114.96
28	114.96	119.22
29	119.22	123.44
30	123.44	127.74
31	127.74	132.08
32	132.08	136.32
33	136.32	140.68
34	140.68	144.87
35	144.87	149.04
36	149.04	153.28
37	153.28	157.55
38	157.55	161.7
39	161.7	166
40	166	170.2
41	170.2	174.57
42	174.57	178.66
43	178.66	182.8
44	182.8	186.96
45	186.96	191.08
46	191.08	195.38
47	195.38	199.64
48	199.64	203.95
49	203.95	208.05
50	208.05	212.27
51	212.27	216.5
52	216.5	220.76
53	220.76	224.73
54	224.73	229
55	229	233.22
56	233.22	237.33
57	237.33	241.59
58	241.59	249.9
59	249.9	253.99
60	253.99	257.18
61	257.18	262.48
62	262.48	266.7

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-180									
	35.99	17.4	NQ2	GRD	961.8	597.2	2.6	2.6	Moderate propalytic, moderate phyllic and moderate oxidixed altereration halos in granodiorite with pervasive moderate silicification around 5.2 centimeter quartz-calcite-ankerite vein with goethite stringers and disseminated pyrite. Blebby blackjack sphalerite.
	43.53		NQ2	GRD	134.6		2.99		Smoky quartz-ankerite vein with disseminated pyrite and goethite on fracture surfaces. Blebby sphalerite.
	79.54	12.5	NQ2	GRD	695.3	444.3	2.62	2.8	Mineralized quartz-calcite-ankerite vein with some breccia textures and blebby pyrite and disseminated pyrite, sphalerite and galena.
	95.79	14.5	NQ2	GRD	814.9	516.2	2.65	2.7	Smoky quartz breccia with banded smoky quartz, ankerite and calcite and disseminated pyrite.
	112.1	10.5	NQ2	GRD	610.8	395.1	2.74	2.8	smoky quartz-carbonate vein with phyllic granodiorite. Blebby-disseminated pyrite and blebby sphalerite.
	160.25	10.3	NQ2	GRD	616.4	402.8	2.82	2.9	Banded smoky quartz-carbonate vein with bands of massive pyrite and blebby sphalerite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	180.67		NQ2	GRD	556.1		2.65		cracked clay altered phyllic granodiorite cut by disseminated pyrite hosting smoky quartz veins.
	185.39		NQ2	BXA	700.5	444.9	2.75	2.7	Dark smoky quartz breccia with granodiorite clasts. Disseminated-blebby pyrite in smoky quartz.
	249.61	11.5	NQ2	GRD	935.6	677.9	3.83	3.6	Mineralized quartz vein with undulating veinlets arsenopyrite, blebby pyrite, sphalerite, arsenopyrite, ankerite and veinlets calcite. Disseminated jamesonite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.46	6.76	3.30	GRD	MG	Semi-pervasive argillic alteration with patchy potassic and silicification. Rare phyllic halos on veins. Cut by narrow smoky quartz breccias. Stronger argillic patches are non-silicified and moderately oxidized.							
						MD	BN	FR	OXI	3I		
						MD	PK		ARG	3I		
						LT	WH	PA	SIL	1I		
									POT	2I		
									PHC	1I		
6.76	10.04	3.28	GRD	MG	Pervasive weakly oxide stained granodiorite with pervasive propylitic and potassic.							
						MD	BN		OXI	2I		
						MD	PK		PRO	2I		
						MD	GN		POT	2I		
10.04	21.74	11.70	GRD	MG	Moderate-strong argillic overprinted by pervasive oxidation. Very crumbled zone at 13.69-14.99m. Short gouge intervals are strongly oxidized. Cut by many oxidized quartz-carbonate vein with altered sulphides.							
						MD	GY	PA	SIL	1I		
						MD	GN	FR	OXI	3I		
						LT	WH		ARG	4I		
									PRO	1I		
									PHC	1I		
21.74	23.30	1.56	GRD	MG	Phyllic-argillic vein halo with weaker oxidation then the rest of the interval.							
						LT	GN		OXI	2I		
						LT	WH		PHC	2I		
						LT	BN		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
23.30	43.04	19.74	GRD	MG	Moderate-strong argillic overprinted by pervasive oxidation. Very crumbled zone at 13.69-14.99m. Short gouge intervals are strongly oxidized. Cut by many oxidized quartz-carbonate vein with altered sulphides.							
						MD	GY	PA	SIL	1I		
						MD	GN	FR	OXI	3I		
						LT	WH		ARG	4I		
									PRO	1I		
									PHC	1I		
43.04	46.29	3.25	GRD	MG	Moderate phyllic-argillic halo on two major smoky quartz veins. Oxidation on fractures.							
						LT	GN	FR	OXI	2I	Py	3
						LT	BN		SIL	1I		
									PHC	3I		
									ARG	2I		
46.29	55.67	9.38	GRD	MG	Pervasive phyllic-argillic altered granodiorite with many crosscutting chlorite stringers and minor gouge zones. Fractured at 53.30-55.67m with weak hematite on fracture surfaces.							
						LT	GN	FR	OXI	1I		
						LT	BN		SIL	1I		
									CHL	2I		
									CLY	2I		
									HEM	1I		
									ARG	2I		
									PHC	4I		
55.67	56.51	0.84	GRD	MG	Faulted hemaite and sericite altered granodiorite. Fractured and rubbly with slickensides.							
						MD	GN	RB	HEM	2I		
						MD	RD	FR	SER	2I		
56.51	58.82	2.31	GRD	MG	Pervasive phyllic-argillic altered granodiorite with hematite on chlorite on fracture faces.							
						MD	RD		ARG	2I		
						LT	GN		PHC	2I		
									CHL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									HEM	2I		
58.82	61.77	2.95	GRD	MG	Phyllic-argillic altered granodiorite with sericite along cracks and some gouge. Cut by two quartz veins with disseminated pyrite.							
						LT	GN	CR	PHC	3I		
						LT	WH		ARG	2I		
									SER	2I		
61.77	64.38	2.61	GRD	MG	Granodiorite with pervasive propylitic, patchy hematization, and patch silicification. Argillic in vein halos.							
						MD	GN	PA	SIL	1I		
						MD	RD		HEM	2I		
									PRO	2I		
									ARG	1I		
64.38	78.91	14.53	GRD	MG	Pervasive propylitic and silicification with patchy potassic. Phyllic-argillic vein halos.							
						MD	GY	PA	SIL	3I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
									PHC	1I		
									ARG	1I		
78.91	80.44	1.53	GRD	MG	Significant mineralized vein with phyllic-argillic vein halo. Potassic alteration oveprints argillic.							
						LT	WH		ARG	2I		
						LT	PK		POT	1I		
						LT	GN		PHC	2I		
80.44	82.73	2.29	GRD	MG	Pervasive propylitic and silicification with patchy potassic.							
						MD	GY	PA	SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
									ARG	1I		
									PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
82.73	85.88	3.15	GRD	MG	Pervasive propylitic and silicification with patchy/fracture-associated hematization.							
						MD	GY	FR	SIL	2I		
						MD	RD		HEM	2I		
									PRO	2I		
85.88	94.98	9.10	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite.							
						MD	PK		PRO	2I		
						MD	GN		SIL	3I		
									POT	1I		
94.98	101.27	6.29	GRD	MG	Wide argillic halo with limited phyllic. Cut by smoky quartz breccias and quartz-carbonate veins.							
						LT	WH		PHC	1I		
						LT	GN		ARG	3I		
						LT	PK					
101.27	104.46	3.19	QFP	FG	55 TCA weakly gouged top contact, 60 sharp bottom contact. Maroon quartz feldspar porphyry with tan chilled margins.							
						MD	TN	PO	HYD	4I		
						MD	MR					
104.46	107.88	3.42	GRD	MG	Propylitic granodiorite with phyllic-argillic vein/breccia halos. Cut by smoky quartz-carbonate veins and smoky quartz breccias.							
						MD	GN		PHC	2I		
						LT	GN	PA	SIL	2I		
						LT	PK		PRO	1I		
						LT	WH		ARG	2I		
107.88	111.78	3.90	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
111.78	112.72	0.94	GRD	MG	Phyllic-argillic vein halo on pair of smoky quartz carbonate veins with pyrite and sphalerite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I	Py	1
						LT	WH		ARG	2I		
112.72	116.43	3.71	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic. Gouged sharp 60 TCA bottom contact.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
116.43	121.42	4.99	QFP	FG	Tan quartz feldspar porphyry dyke with 65 TCA sharp bottom contact.							
						LT	TN	PO	SIL	3I		
									HYD	3I		
121.42	124.32	2.90	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						LT	PK		PRO	2I		
									POT	2I		
124.32	126.37	2.05	GRD	MG	Narrow phyllic-argillic vein halo on quartz-ankerite vein.							
						LT	GN		ARG	2I		
						LT	WH		PHC	1I		
126.37	129.40	3.03	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						LT	PK		PRO	2I		
									POT	2I		
129.40	130.37	0.97	GRD	MG	Narrow phyllic-argillic vein halo on quartz-ankerite vein.							
						LT	GN		ARG	2I		
						LT	PK		PHC	2I		
130.37	136.40	6.03	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic and phyllic vein halos.							
						MD	GY	PA	SIL	2I		
						LT	PK		PRO	2I		
						LT	GN		PHC	1I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
136.40	141.34	4.94	GRD	MG	Pervasive propylitic and silicification with irregular pink aplite dyklets.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
141.34	143.89	2.55	GRD	MG	Patchy phyllic-argillic vein halos on carbonate-quartz veins.							
						LT	GN	PA	SIL	2I		
						LT	WH		PHC	2I		
									ARG	2I		
143.89	157.28	13.39	GRD	MG	Pervasive propylitic and silicification with irregular pink aplite dyklets.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
157.28	163.19	5.91	GRD	MG	Pervasive propylitic-silica altered granodiorite with phyllic-argillic vein halos on several mineralized quartz-carbonate veins, most of which have banded-colloform textures.							
						MD	GY	PA	SIL	1I		
						MD	GN		PRO	2I		
						LT	GN		POT	2I		
						LT	WH		PHC	2I		
						LT	PK		ARG	2I		
163.19	179.27	16.08	GRD	MG	Pervasive propylitic and silica altered granodiorite with phyllic-argillic vein halos and patchy potassic.							
						MD	GY	PA	SIL	2I		
						LT	GN		PRO	2I		
						LT	PK		POT	1I		
						LT	WH		ARG	1I		
									PHC	1I		
179.27	182.72	3.45	GRD	MG	Strongly phyllic altered granodiorite with brecciation and moderate clay alteration along cracks and around clasts. Cut by massive white calcite veins and smoky quartz veins, some of which are brecciated.							
						LT	GN	BX	PHC	4I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		CLY	3I		
						LT	WH		ARG	3I		
182.72	185.05	2.33	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						LT	PK		PRO	2I		
									POT	1I		
185.05	185.52	0.47	BXA	FG	Sharp 50 TCA top contact, sharp 40 TCA bottom contact. Smoky quartz breccia with granodiorite clasts.							
						DK	BK	BX	SIL	2I	Py	5
185.52	188.80	3.28	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						LT	PK		PRO	2I		
									POT	1I		
188.80	190.50	1.70	GRD	MG	Phyllic-argillic halo on smoky quartz vein breccia with blebby pyrite.							
						MD	GY		PHC	2I		
						LT	GN		SIL	1I	Py	2
									ARG	1I		
190.50	199.78	9.28	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
199.78	204.13	4.35	GRD	MG	Phyllic (proximal) and argillic (distal) vein halo on smoky quartz-ankerite veins. Gouged near veins, with clay alteration along cracks.							
								FR	PHC	3I	Py	1
									CLY	3I		
									ARG	2I		
204.13	209.88	5.75	GRD	MG	Pervasive propylitic, potassic, and silica altered granodiorite.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
209.88	211.81	1.93	QFP	FG	45 TCA sharp top contact, 80 TCA sharp bottom contact. Maroon quartz feldspar porphyry dyke with tan chilled margins.							
						MD	MR	PO	SIL	1I		
									HYD	4I		
211.81	213.39	1.58	GRD	MG	Narrow phyllic alteration in quartz feldspar porphyry halo. Pervasive propylitic, silicification, potassic, and patchy argillic alteration.							
						MD	GY	PA	SIL	2I		
						MD	PK		PRO	2I		
						LT	WH		POT	2I		
									ARG	2I		
213.39	228.73	15.34	GRD	MG	Granodiorite with patches of different alterations, mainly argillic with propylitic and hematite alteration. Smoky quartz breccia at 219.05-219.31m. Clay alteration along fracture faces, some with hematite staining.							
						MD	GN	PA	SIL	1I		
						MD	RD		PHC	2I		
						LT	GN		PRO	2I		
						LT	WH		ARG	3I		
						LT	PK		HEM	2I		
									CLY	1I		
228.73	239.26	10.53	GRD	MG	Propylitic-potassic altered granodiorite with argillic patches.							
						MD	GN	PA	PRO	2I		
						MD	PK		POT	2I		
						LT	WH		ARG	2I		
239.26	247.67	8.41	GRD	MG	Wide phyllic and argillic vein halos on minor quartz-carbonate-pyrite veins and veinlets.							
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
247.67	249.55	1.88	GRD	MG	Pervasive phyllic and argillic altered graodiorite with clay along cracks. Cut by smoky quartz breccia with granodiorite clasts							
						LT	GN	CR	PHC	4I	Py	1
						LT	GY		ARG	2I		
									CLY	1I		
249.55	250.61	1.06	VEN	MG	Klaza vein zone. Dominated by dark grey smoky quartz with banded pyrite, sphalerite, arsenopyrite, and cream ankerite. Some cream ankerite is banded with massive pink ankerite within.							
						LT	GN		PHC	3I	As	5
						DK	GY		SIL	1I	Py	8
											Sp	2
											Cp	1
											Gn	1
											Jm	1
250.61	251.46	0.85	GRD	MG	Pervasive phyllic with weak propyltic with disseminated pyrite.							
						MD	GN		PRO	1I	Py	1
						LT	GN		PHC	3I		
251.46	266.70	15.24	GRD	MG	Granodiorite with pervasive propylitic and silicification with patchy potassic. Hematite on some fractures.							
						MD	GY		SIL	3I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
									HEM	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.46	6.76	3.30	GRD	MG	Semi-pervasive argillic alteration with patchy potassic and silicification. Rare phyllic halos on veins. Cut by narrow smoky quartz breccias. Stronger argillic patches are non-silicified and moderately oxidized.							
									POT	2I		
						MD	PK		ARG	3I		
						LT	WH	PA	SIL	1I		
						MD	BN	FR	OXI	3I		
									PHC	1I		
6.76	10.04	3.28	GRD	MG	Pervasive weakly oxide stained granodiorite with pervasive propylitic and potassic.							
						MD	PK		POT	2I		
						MD	GN		OXI	2I		
						MD	BN		PRO	2I		
10.04	43.04	33.00	GRD	MG	Moderate-strong argillic overprinted by pervasive oxidation. Very crumbled zone at 13.69-14.99m. Short gouge intervals are strongly oxidized. Cut by many oxidized quartz-carbonate vein with altered sulphides.							
									PHC	1I		
						MD	GY	PA	OXI	3I		
						LT	WH		SIL	1I		
									ARG	4I		
						MD	BN	FR	PRO	1I		
43.04	46.29	3.25	GRD	MG	Moderate phyllic-argillic halo on two major smoky quartz veins. Oxidation on fractures.							
									ARG	2I		
						LT	GN	FR	OXI	2I	Py	3
									PHC	3I		
						LT	BN		SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
46.29	55.67	9.38	GRD	MG	Pervasive phyllic-argillic altered granodiorite with many crosscutting chlorite stringers and minor gouge zones. Fractured at 53.30-55.67m with weak hematite on fracture surfaces.							
						LT	BN		SIL	1I		
						LT	GN	FR	OXI	1I		
									CHL	2I		
									PHC	4I		
									ARG	2I		
									CLY	2I		
									HEM	1I		
55.67	56.51	0.84	GRD	MG	Faulted hemaite and sericite altered granodiorite. Fractured and rubbly with slickensides.							
						MD	GN	RB	HEM	2I		
						MD	RD	FR	SER	2I		
56.51	58.82	2.31	GRD	MG	Pervasive phyllic-argillic altered granodiorite with hematite on chlorite on fracture faces.							
						LT	GN		PHC	2I		
						MD	RD		CHL	2I		
									ARG	2I		
									HEM	2I		
58.82	61.77	2.95	GRD	MG	Phyllic-argillic altered granodiorite with sericite along cracks and some gouge. Cut by two quartz veins with disseminated pyrite.							
									SER	2I		
						LT	GN	CR	PHC	3I		
						LT	WH		ARG	2I		
61.77	64.38	2.61	GRD	MG	Granodiorite with pervasive propylitic, patchy hematization, and patchy silicification. Argillic in vein halos.							
									PRO	2I		
						MD	GN	PA	SIL	1I		
						MD	RD		HEM	2I		
									ARG	1I		
64.38	82.73	18.35	GRD	MG	Pervasive propylitic and silicification with patchy potassic. Phyllic-argillic vein halos.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	1I		
						MD	GY	PA	SIL	3I		
						MD	GN		PRO	2I		
									PHC	1I		
						MD	PK		POT	2I		
82.73	85.88	3.15	GRD	MG	Pervasive propylitic and silicification with patchy/fracture-associated hematization.							
						MD	GY	FR	SIL	2I		
						MD	RD		HEM	2I		
									PRO	2I		
85.88	94.98	9.10	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite.							
									POT	1I		
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
94.98	101.27	6.29	GRD	MG	Wide argillic halo with limited phyllic. Cut by smoky quartz breccias and quartz-carbonate veins.							
						LT	WH		PHC	1I		
						LT	GN					
						LT	PK		ARG	3I		
101.27	104.46	3.19	QFP	FG	55 TCA weakly gouged top contact, 60 sharp bottom contact. Maroon quartz feldspar porphyry with tan chilled margins.							
						MD	TN					
						MD	MR	PO	HYD	4I		
104.46	107.88	3.42	GRD	MG	Propylitic granodiorite with phyllic-argillic vein/breccia halos. Cut by smoky quartz-carbonate veins and smoky quartz breccias.							
						LT	PK		POT	1I		
						LT	WH		ARG	2I		
						MD	GN		PHC	2I		
						LT	GN	PA	SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
107.88	116.43	8.55	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
116.43	121.42	4.99	QFP	FG	65 TCA bottom contact. Tan quartz feldspar porphyry dyke.							
						LT	TN	PO	SIL	3I		
									HYD	3I		
121.42	136.40	14.98	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic and phyllic-argillic vein halos.							
									ARG	1I		
						MD	GY	PA	SIL	2I		
						LT	PK		PRO	2I		
									POT	2I		
									PHC	1I		
136.40	157.28	20.88	GRD	MG	Pervasive propylitic and silicified granodiorite with phyllic-argillic vein halos. Cut by several irregular pink aplite dyklets. Aplite appears to blend into granodiorite groundmass in short sections.							
						LT	WH		ARG	2I		
						LT	GN		PHC	1I		
						MD	PK		PRO	2I		
						MD	GY	PA	SIL	2I		
157.28	163.19	5.91	GRD	MG	Pervasive propylitic-silica altered granodiorite with phyllic-argillic vein halos on several mineralized quartz-carbonate veins, most of which have banded-colloform textures.							
						LT	PK		ARG	2I		
						LT	WH		PHC	2I		
						LT	GN		POT	2I		
						MD	GN		PRO	2I		
						MD	GY	PA	SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
163.19	179.27	16.08	GRD	MG	Pervasive propylitic and silica altered granodiorite with phyllic-argillic vein halos and patchy potassic.							
						LT	PK		POT	1I		
						LT	WH		PHC	1I		
						MD	GY	PA	SIL	2I		
						LT	GN		PRO	2I		
									ARG	1I		
179.27	182.72	3.45	GRD	MG	Strongly phyllic altered granodiorite with brecciation and moderate clay alteration along cracks and around clasts. Cut by massive white calcite veins and smoky quartz veins, some of which are brecciated.							
						LT	GY		CLY	3I		
						LT	WH		ARG	3I		
						LT	GN	BX	PHC	4I	Py	1
182.72	185.05	2.33	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic.							
						LT	PK		PRO	2I		
						MD	GY		SIL	2I		
									POT	1I		
185.05	185.52	0.47	BXA	FG	Sharp 50 TCA top contact, sharp 40 TCA bottom contact. Smoky quartz breccia with granodiorite clasts.							
						DK	BK	BX	SIL	2I	Py	5
185.52	199.78	14.26	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						LT	PK		PRO	2I		
									POT	1I		
199.78	204.13	4.35	GRD	MG	Phyllic (proximal) and argillic (distal) vein halo on smoky quartz-ankerite veins. Gouged near veins, with clay alteration along cracks.							
						LT	GY		CLY	2I		
						LT	WH		ARG	2I		
						LT	GN	FR	PHC	3I	Py	1
204.13	209.88	5.75	GRD	MG	Pervasive propylitic, potassic, and silica altered granodiorite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
209.88	211.81	1.93	QFP	FG	45 TCA sharp top contact, 80 TCA sharp bottom contact. Maroon quartz feldspar porphyry dyke with tan chilled margins.							
						MD	MR	PO	SIL	1I		
									HYD	4I		
211.81	213.39	1.58	GRD	MG	Narrow phyllic alteration in quartz feldspar porphyry halo. Pervasive propylitic, silicification, potassic, and patchy argillic alteration.							
									ARG	2I		
						MD	GY	PA	SIL	2I		
						MD	PK		PRO	2I		
						LT	WH		POT	2I		
213.39	228.73	15.34	GRD	MG	Granodiorite with patches of different alterations, mainly argillic with propylitic and hematite alteration. Smoky quartz breccia at 219.05-219.31m. Clay alteration along fracture faces, some with hematite staining.							
									CLY	1I		
						LT	GN		PRO	2I		
						LT	WH		ARG	3I		
						MD	RD		PHC	2I		
						MD	GN	PA	SIL	1I		
						LT	PK		HEM	2I		
228.73	239.26	10.53	GRD	MG	Propylitic-potassic altered granodiorite with argillic patches.							
						LT	PK		POT	2I		
						MD	GN	PA	PRO	2I		
						LT	WH		ARG	2I		
239.26	247.67	8.41	GRD	MG	Wide phyllic and argillic vein halos on minor quartz-carbonate-pyrite veins and veinlets.							
						LT	GN	PA	PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	1I		
						LT	WH		ARG	3I		
247.67	251.46	3.79	GRD	MG	Main mineralized zone with strong phyllic-argillic alteration. Cut by smoky quartz breccia and significantly mineralized veins.							
						LT	GY		ARG	2I		
						LT	GN	CR	PHC	4I	Py	3
251.46	266.70	15.24	GRD	MG	Granodiorite with pervasive propylitic and silicification with patchy potassic. Hematite on some fractures.							
						MD	PK		POT	1I		
						MD	GN		PRO	2I		
						MD	GY		SIL	3I		
									HEM	1I		

KL-14-180

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.46	3.46	0	0	0.00	0	--	--	--	
3.46	4.57	1.11	0.7	63	0.23	21	--	1H	2W	
4.57	7.62	3.05	2.72	89	2.04	67	--	3H	2W	
7.62	10.67	3.05	3	98	2.60	85	--	4H	2W	
10.67	13.72	3.05	2.44	80	0.87	29	--	2H	2W	
13.72	16.76	3.04	2.18	72	1.18	39	--	1H	3W	
16.76	19.81	3.05	2.9	95	2.39	78	--	3H	2W	
19.81	22.86	3.05	2.83	93	2.50	82	--	3H	3W	
22.86	25.91	3.05	2.73	90	1.96	64	--	3H	3W	
25.91	28.96	3.05	2.73	90	1.57	51	--	3H	3W	
28.96	32.00	3.04	2.62	86	1.96	64	--	3H	3W	
32.00	35.05	3.05	2.72	89	2.30	75	--	3H	3W	
35.05	38.10	3.05	2.81	92	2.00	66	--	3H	3W	
38.10	41.15	3.05	2.4	79	1.35	44	--	3H	2W	
41.15	44.20	3.05	2.52	83	1.37	45	--	4H	2W	
44.20	47.24	3.04	2.25	74	1.56	51	--	4H	2W	
47.24	50.29	3.05	2.48	81	1.33	44	--	3H	2W	
50.29	53.34	3.05	2.57	84	1.35	44	--	4H	2W	
53.34	56.39	3.05	2.03	67	0.54	18	--	3H	2W	
56.39	59.44	3.05	2.6	85	1.57	51	--	4H	1W	
59.44	62.48	3.04	2.61	86	1.83	60	--	2H	1W	
62.48	65.53	3.05	2.81	92	1.81	59	--	3H	1W	
65.53	68.58	3.05	2.91	95	2.47	81	--	4H	2W	
68.58	71.63	3.05	2.95	97	2.06	68	--	4H	2W	
71.63	74.68	3.05	3.05	100	2.56	84	--	4H	2W	
74.68	77.72	3.04	3.02	99	1.85	61	--	4H	1W	
77.72	80.77	3.05	2.93	96	2.02	66	--	3H	1W	
80.77	83.82	3.05	2.89	95	1.65	54	--	3H	1W	
83.82	86.87	3.05	2.64	87	1.66	54	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
86.87	89.92	3.05	3	98	2.33	76	--	4H	1W	
89.92	92.96	3.04	3	99	2.54	84	--	4H	1W	
92.96	96.01	3.05	2.92	96	2.23	73	--	3H	1W	
96.01	99.06	3.05	2.97	97	1.88	62	--	3H	1W	
99.06	102.11	3.05	2.93	96	2.37	78	--	3H	1W	
102.11	105.16	3.05	2.84	93	1.61	53	--	3H	1W	
105.16	108.20	3.04	2.98	98	2.21	73	--	3H	1W	
108.20	111.25	3.05	2.17	71	2.11	69	--	4H	1W	
111.25	114.30	3.05	2.93	96	2.07	68	--	4H	1W	
114.30	117.35	3.05	3.05	100	2.85	93	--	4H	1W	Two joints
117.35	120.40	3.05	2.96	97	2.81	92	--	3H	1W	
120.40	123.44	3.04	3	99	2.92	96	--	3H	1W	
123.44	126.49	3.05	3.02	99	2.03	67	--	4H	1W	
126.49	129.54	3.05	2.99	98	2.70	89	--	4H	1W	
129.54	132.59	3.05	3.01	99	2.43	80	--	4H	1W	
132.59	135.64	3.05	3.05	100	2.63	86	--	4H	1W	No repeating joint sets
135.64	138.68	3.04	3.04	100	2.37	78	--	4H	1W	
138.68	141.73	3.05	2.95	97	2.59	85	--	4H	1W	
141.73	144.78	3.05	2.89	95	1.98	65	--	3H	1W	
144.78	147.83	3.05	3.05	100	1.99	65	--	3H	1W	
147.83	150.88	3.05	3.01	99	2.11	69	--	4H	1W	
150.88	153.92	3.04	3.03	100	2.49	82	--	4H	1W	
153.92	156.97	3.05	3.02	99	2.85	93	--	4H	1W	
156.97	160.02	3.05	3.05	100	2.68	88	--	4H	1W	
160.02	163.07	3.05	2.98	98	2.61	86	--	3H	1W	No repeating joints
163.07	166.12	3.05	2.99	98	2.61	86	--	4H	1W	No repeating joints
166.12	169.16	3.04	3	99	2.85	94	--	4H	1W	
169.16	172.21	3.05	2.95	97	2.29	75	--	4H	1W	
172.21	175.26	3.05	2.86	94	2.11	69	--	4H	1W	
175.26	178.31	3.05	3.05	100	1.63	53	--	4H	1W	
178.31	181.36	3.05	2.82	92	1.38	45	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.36	184.40	3.04	2.81	92	0.69	23	--	4H	1W	
184.40	187.45	3.05	2.96	97	1.92	63	--	4H	1W	
187.45	190.50	3.05	2.93	96	2.17	71	--	3H	1W	
190.50	193.55	3.05	2.98	98	2.23	73	--	3H	1W	
193.55	196.60	3.05	2.94	96	1.72	56	--	4H	1W	
196.60	199.64	3.04	3.04	100	2.68	88	--	4H	1W	
199.64	202.69	3.05	2.61	86	0.97	32	--	3H	1W	
202.69	205.74	3.05	3.05	100	1.33	44	--	2H	1W	
205.74	208.79	3.05	2.95	97	2.00	66	--	4H	1W	
208.79	211.84	3.05	2.94	96	1.97	65	--	4H	1W	
211.84	214.88	3.04	3.04	100	2.00	66	--	3H	1W	
214.88	217.93	3.05	2.86	94	1.65	54	--	4H	1W	
217.93	220.98	3.05	3.05	100	2.69	88	--	3H	1W	
220.98	224.03	3.05	3	98	1.55	51	--	3H	1W	
224.03	227.08	3.05	2.75	90	1.43	47	--	3H	1W	
227.08	230.12	3.04	2.95	97	2.15	71	--	3H	1W	
230.12	233.17	3.05	2.98	98	2.15	70	--	3H	1W	
233.17	236.22	3.05	2.92	96	1.41	46	--	3H	1W	
236.22	239.27	3.05	2.94	96	1.86	61	--	4H	1W	
239.27	242.32	3.05	3.05	100	2.67	88	--	3H	1W	
242.32	245.36	3.04	3	99	2.65	87	--	3H	1W	
245.36	248.41	3.05	2.97	97	2.06	68	--	3H	1W	
248.41	251.46	3.05	2.86	94	1.63	53	--	3H	1W	
251.46	254.51	3.05	2.99	98	1.42	47	--	4H	1W	
254.51	257.56	3.05	3.05	100	2.32	76	--	4H	1W	
257.56	260.60	3.04	3.04	100	2.21	73	--	4H	1W	
260.60	263.65	3.05	3	98	2.70	89	--	4H	1W	
263.65	266.70	3.05	2.93	96	1.51	50	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	0.374	GRD	
5	0.223	GRD	
6	0.076	GRD	
7	13.9	GRD	
8	8.47	GRD	
9	0.347	GRD	
10	1.05	GRD	
11	0.613	GRD	
12	0.558	GRD	
13	0.326	GRD	
14	0.276	GRD	
16	11.2	GRD	
17	10.1	GRD	
18	0.198	GRD	
19	0.338	GRD	
20	0.354	GRD	
21	0.018	GRD	
22	0.418	GRD	
23	0.413	GRD	
24	0.282	GRD	
25	11.5	GRD	
26	3.66	GRD	
27	0.584	GRD	
28	0.319	GRD	
29	0.379	GRD	
30	1.82	GRD	
31	9.65	GRD	
32	0.303	GRD	
33	0.121	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	4.99	GRD	
35	0.173	GRD	
36	0.259	GRD	
37	0.802	GRD	
38	0.238	GRD	
39	12.9	GRD	
40	0.351	GRD	
41	0.376	GRD	
42	0.542	GRD	
43	0.584	GRD	
44	0.268	GRD	
45	0.334	GRD	
46	0.369	GRD	
47	0.331	GRD	
48	0.218	GRD	
49	0.46	GRD	
50	0.335	GRD	
51	0.421	GRD	
52	0.322	GRD	
53	0.772	GRD	
54	0.996	GRD	
55	0.348	GRD	
56	0.321	GRD	
57	0.247	GRD	
58	0.452	GRD	
59	0.634	GRD	
60	0.613	GRD	
61	0.352	GRD	
62	0.465	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	9.48	GRD	
64	0.854	GRD	
65	8.79	GRD	
66	6.9	GRD	
67	0.973	GRD	
68	12.9	GRD	
69	1.07	GRD	
70	16.5	GRD	
71	12.6	GRD	
72	17.6	GRD	
73	14.5	GRD	
74	20.2	GRD	
75	22.1	GRD	
76	12.8	GRD	
77	13	GRD	
78	16.8	GRD	
79	0.46	GRD	
80	0.214	GRD	
81	12.1	GRD	
82	2.34	GRD	
83	0.919	GRD	
84	2.53	GRD	
85	14.5	GRD	
86	21.6	GRD	
87	21.5	GRD	
88	19.1	GRD	
89	18.2	GRD	
90	19	GRD	
91	18	GRD	
92	21.4	GRD	
93	18.1	GRD	
94	20.9	GRD	
95	0.606	GRD	
96	0.21	GRD	
97	0.381	GRD	
98	0.377	GRD	
99	0.314	GRD	
100	0.537	GRD	
101	0.316	GRD	
102	0.328	QFP	
103	0.242	QFP	
104	0.238	QFP	
105	0.346	GRD	
106	0.319	GRD	
107	0.384	GRD	
108	2.45	GRD	
109	18.1	GRD	
110	21.7	GRD	
111	22.9	GRD	
112	0.396	GRD	
113	3.42	GRD	
114	15.5	GRD	
115	18.3	GRD	
116	7.85	GRD	
117	0.307	QFP	
118	0.313	QFP	
119	0.277	QFP	
120	0.351	QFP	
121	0.414	QFP	
122	0.638	GRD	
123	0.674	GRD	
124	16	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	0.992	GRD	
126	20.8	GRD	
127	19.7	GRD	
128	1.73	GRD	
129	20.3	GRD	
130	0.481	GRD	
131	14.4	GRD	
132	0.588	GRD	
133	19.6	GRD	
134	0.796	GRD	
135	0.685	GRD	
136	15.4	GRD	
137	21.7	GRD	
138	19.6	GRD	
139	4.39	GRD	
140	8.7	GRD	
141	15.2	GRD	
142	0.367	GRD	
143	0.47	GRD	
144	0.798	GRD	
145	21	GRD	
146	19.2	GRD	
147	16	GRD	
148	20.8	GRD	
149	13.2	GRD	
150	15.8	GRD	
151	19.2	GRD	
152	23	GRD	
153	22.8	GRD	
154	20.5	GRD	
155	22.1	GRD	
156	20.7	GRD	
157	12.1	GRD	
158	17.4	GRD	
159	1.16	GRD	
160	0.613	GRD	
161	4.68	GRD	
162	7.35	GRD	
163	0.545	GRD	
164	11.2	GRD	
165	9.62	GRD	
166	9.95	GRD	
167	27.4	GRD	
168	8.3	GRD	
169	21	GRD	
170	20	GRD	
171	20.4	GRD	
172	23.6	GRD	
173	22.1	GRD	
174	22.2	GRD	
175	21.2	GRD	
176	14.5	GRD	
177	22.6	GRD	
178	10.2	GRD	
179	4.88	GRD	
180	0.725	GRD	
181	0.364	GRD	
182	0.354	GRD	
183	11	GRD	
184	10.8	GRD	
185	0.455	GRD	
186	6.21	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
187	15.1	GRD	
188	11.3	GRD	
189	21.9	GRD	
190	0.917	GRD	
191	9.68	GRD	
192	17.9	GRD	
193	0.84	GRD	
194	20.8	GRD	
195	15.7	GRD	
196	12.5	GRD	
197	18.2	GRD	
198	20	GRD	
199	14.3	GRD	
200	0.831	GRD	
201	0.33	GRD	
202	0.3	GRD	
203	0.374	GRD	
204	1.37	GRD	
205	9.66	GRD	
206	18.3	GRD	
207	11.4	GRD	
208	22.3	GRD	
209	5.09	GRD	
210	0.19	QFP	
211	0.277	QFP	
212	0.341	GRD	
213	0.694	GRD	
214	14	GRD	
215	0.978	GRD	
216	0.488	GRD	
217	17	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
218	0.458	GRD	
219	0.361	GRD	
220	0.622	GRD	
221	0.636	GRD	
222	0.858	GRD	
223	0.437	GRD	
224	0.419	GRD	
225	0.427	GRD	
226	0.291	GRD	
227	0.198	GRD	
228	0.48	GRD	
229	8.42	GRD	
230	1.94	GRD	
231	0.564	GRD	
232	5.54	GRD	
233	12	GRD	
234	0.687	GRD	
235	0.823	GRD	
236	1.17	GRD	
237	22.5	GRD	
238	2.38	GRD	
239	0.56	GRD	
240	0.975	GRD	
241	0.381	GRD	
242	0.45	GRD	
243	0.45	GRD	
244	0.321	GRD	
245	0.295	GRD	
246	0.268	GRD	
247	0.392	GRD	
248	0.326	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
249	0.456	GRD	
250	0.351	GRD	
251	0.796	GRD	
252	1.07	GRD	
253	12.3	GRD	
254	12.1	GRD	
255	2.34	GRD	
256	8.93	GRD	
257	2.37	GRD	
258	15.7	GRD	
259	9.02	GRD	
260	20.5	GRD	
261	14.8	GRD	
262	19.6	GRD	
263	6.56	GRD	
264	21.9	GRD	
265	2.15	GRD	
266	10.7	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381563	6889990	1282.01	310.59

ZONE: Western BRX

SECTION:

HOLE: KL-14-181

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 6.09m, Out

Drilling Dates: Jul 16 - Jul 19, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35.16	-50	Calculated
309.98	39.3	-52	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	5.37	5.37	CAS
5.37	69.19	63.82	GRD
69.19	275.15	205.96	GRD
275.15	276.26	1.11	GRD
276.26	278.52	2.26	GRD
278.52	278.75	0.23	QFP
278.75	284.77	6.02	GRD
284.77	286.3	1.53	GRD
286.3	286.72	0.42	QFP
286.72	286.81	0.09	GRD
286.81	287.25	0.44	VEN
287.25	287.59	0.34	GRD
287.59	288.65	1.06	GRD
288.65	310.59	21.94	GRD

SAMPLES	
Numbers:	Q016912 to Q016915, Q926108 to Q926185
Total:	99
Batch:	080, 085, 088, 090, 093
Certificates:	WH14110349, WH14110384, WH14111980, WH14111982, WH14113787

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-181

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	5.37	8.35
2	8.35	11.37
3	11.37	14.58
4	14.58	17.81
5	17.81	20.65
6	20.65	23.56
7	23.56	26.52
8	26.52	29.57
9	29.57	32.47
10	32.47	35.38
11	35.38	38.28
12	38.28	41.34
13	41.34	44.12
14	44.12	47.32
15	47.32	50.55
16	50.55	53.97
17	53.97	56.74
18	56.74	59.83
19	59.83	62.97
20	62.97	66.14
21	66.14	69.3
22	69.3	72.36
23	72.36	75.53
24	75.53	78.64
25	78.64	81.54
26	81.54	84.63
27	84.63	87.6
28	87.6	90.83
29	90.83	93.62
30	93.62	96.72
31	96.72	99.67
32	99.67	102.72
33	102.72	105.77
34	105.77	108.41
35	108.41	111.65
36	111.65	114.73
37	114.73	117.96
38	117.96	121.01
39	121.01	124.05
40	124.05	127.1
41	127.1	130.15
42	130.15	133.2
43	133.2	136.25
44	136.25	139.49
45	139.49	142.75
46	142.75	145.87
47	145.87	148.86
48	148.86	152.11
49	152.11	155.3
50	155.3	158.34
51	158.34	161.53
52	161.53	164.63
53	164.63	167.96
54	167.96	171.02
55	171.02	174.33
56	174.33	177.6
57	177.6	180.64
58	180.64	183.87
59	183.87	186.86
60	186.86	190.04
61	190.04	193.32
62	193.32	196.55
63	196.55	199.54
64	199.54	202.79
65	202.79	205.75
66	205.75	208.89
67	208.89	211.95
68	211.95	215.15
69	215.15	218.3
70	218.3	221.59
71	221.59	224.82
72	224.82	227.97
73	227.97	231.31
74	231.31	234.5
75	234.5	237.46
76	237.46	240.56
77	240.56	243.53
78	243.53	246.19
79	246.19	249.47
80	249.47	252.5
81	252.5	255.54
82	255.54	258.55
83	258.55	261.72
84	261.72	264.95
85	264.95	268.06
86	268.06	270.97
87	270.97	274.07
88	274.07	277
89	277	279.88
90	279.88	282.55

Box Number	From (m)	To (m)
91	282.55	285.74
92	285.74	288.89
93	288.89	292.09
94	292.09	295.2
95	295.2	298.38
96	298.38	301.31
97	301.31	304.16
98	304.16	307.19
99	307.19	310.53
100	310.53	310.59

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-181									
	51.28	9.2	HQ	GRD	807	498	3	2.6	Weak phyllic altered granodiorite with moderate silicification and moderate oxidation.
	62.82	14	HQ	GRD	1188.6	753.3	2.91	2.7	Moderate phyllic altered granodiorite with strong silicification. 0.7 centimeter quartz ankerite veinlet.
	110.53	9	HQ	GRD	807.7	517	3.07	2.8	Moderately silicified, phyllic and propalytic altered granodiorite.
	140.71	15.5	HQ	GRD	1278.4	823.8	2.82	2.8	Banded smoky quartz/white carbonate/tan ankerite hosting disseminated disseminated to blebby pyrite.
	214.59	17.1	HQ	GRD	1540.9	982	3.08	2.8	Moderate phyllic altered granodiorite with weak propalytic overprint and weak silicification. Cut by 30 degree smoky, clear quartz-ankerite-calcite veins with some silicified breccia textures and netted textures
	262.22	6.1	HQ	GRD	592.2	399.3	3.32	3.1	Half grey to smoky quartz vein hosting disseminated to blebby pyrite and arsrnopyrite. Half strong phyllic sillicified granodiorite hosting disseminated pyrite.
	286.87	6.3	HQ	VEN	962.6	779.8	5.23	5.3	Piece of breccia/vein . Massive arsenopyrite hosting disseminated to blebby pyrite, sphalerite and galena. Small amount of interstitial smoky quartz.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	286.93	12.3	HQ	VEN	1654.3	1241.2	4.6	4.0	Piece of breccia vein. Half massive sulphides: blebby to massive arsenopyrite, disseminated to blebby pyrite, sphalerite and galena. Half grey to milky quartz vein hosting disseminated to blebby pyrite and disseminated jamesonite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
5.37	12.90	7.53	GRD	MG	Light-medium grey granodiorite with moderate oxidation along fracture surfaces. Has patchy argillic alteration that is pervasively strongly oxidized. Interval is broken up and argillic patches are very rubbly.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
12.90	17.23	4.33	GRD	MG	Strongly oxidized alternating patches of moderate oxidation and moderately silicified phyllic altered granodiorite. Strong oxidation obscures rock textures. Interval is rubbly.							
						MD	OR	PA	PHC	3I		
						LT	WH	RB	SIL	3I		
									ARG	3I		
									OXI	4I		
17.23	25.03	7.80	GRD	MG	Light-medium grey granodiorite with moderate oxidation along fracture surfaces. Has patchy argillic alteration that is pervasively strongly oxidized. Interval is broken up and argillic patches are very rubbly.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
25.03	28.38	3.35	GRD	MG	Pervasively strongly oxidized moderate argillic altered granodiorite. Very rubbly.							
						MD	OR		ARG	3I		
						LT	WH	RB	OXI	4I		
28.38	31.69	3.31	GRD	MG	Light-medium grey granodiorite with moderate oxidation along fracture surfaces. Has patchy argillic alteration that is pervasively strongly oxidized. Interval is broken up and argillic patches are very rubbly.							
						MD	GY	PA	OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
31.69	32.47	0.78	GRD	MG	Strongly oxidized alternating patches of moderate oxidation and moderately silicified phyllic altered granodiorite. Strong oxidation obscures rock textures. Interval is rubbly.							
						MD	OR	RB	PHC	3I		
						LT	WH	PA	SIL	3I		
									ARG	3I		
									OXI	4I		
32.47	43.73	11.26	GRD	MG	Light-medium grey granodiorite with moderate oxidation along fracture surfaces. Has patchy argillic alteration that is pervasively strongly oxidized. Interval is broken up and argillic patches are very rubbly.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
43.73	47.45	3.72	GRD	MG	Strongly oxidized alternating patches of moderate oxidation and moderately silicified phyllic altered granodiorite. Strong oxidation obscures rock textures. Interval is rubbly.							
						MD	OR	RB	PHC	3I		
						LT	WH	PA	SIL	3I		
									OXI	4I		
									ARG	3I		
47.45	49.70	2.25	GRD	MG	Light-medium grey granodiorite with moderate oxidation along fracture surfaces. Has patchy argillic alteration that is pervasively strongly oxidized. Interval is broken up and argillic patches are very rubbly.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
49.70	51.54	1.84	GRD	MG	Strongly oxidized moderately silicified phyllic envelope transitioning to moderately oxidized argillic alteration distally from quartz carbonate veins.							
						MD	OR	EN	OXI	4I		
						LT	WH		SIL	3I		
									PHC	3I		
									ARG	3I		
51.54	53.46	1.92	GRD	MG	Light-medium grey granodiorite with moderate oxidation along fracture surfaces. Has patchy argillic alteration that is pervasively strongly oxidized. Interval is broken up and argillic patches are very rubbly.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
53.46	54.42	0.96	GRD	MG	Strongly oxidized moderately silicified phyllic envelope transitioning to moderately oxidized argillic alteration distally from quartz carbonate veins.							
						MD	OR	EN	OXI	4I		
						LT	WH		SIL	3I		
									PHC	3I		
									ARG	3I		
54.42	56.74	2.32	GRD	MG	Light-medium grey granodiorite with moderate oxidation along fracture surfaces. Has patchy argillic alteration that is pervasively strongly oxidized. Interval is broken up and argillic patches are very rubbly.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
56.74	65.10	8.36	GRD	MG	Moderately silicified phyllic altered granodiorite with a patchy propyllitic overprinted argillic alteration. Phyllic alteration hosts multiple quartz/carbonate veinlets. Oxidation along fracture surfaces and staining veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		OXI	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		PHC	3I		
									ARG	3I		
									PRO	2I		
65.10	69.19	4.09	GRD	MG	Light-medium grey granodiorite with moderate oxidation along fracture surfaces. Has patchy argillic alteration that is pervasively strongly oxidized. Interval is broken up and argillic patches are very rubbly.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
69.19	75.12	5.93	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
75.12	76.12	1.00	GRD	MG	Weak potassic/propyllitic overprinted argillic alteration with small phyllic/propyllitic envelopes around quartz/carbonate veining.							
						MD	PK		PRO	2I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		POT	2I		
76.12	77.75	1.63	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
77.75	79.31	1.56	GRD	MG	Weak potassic/propyllitic overprinted argillic alteration with small phyllic/propyllitic envelopes around quartz/carbonate veining.							
						MD	PK		PRO	2I		
						LT	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	3I		
						DK	GN		POT	2I		
79.31	98.82	19.51	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
98.82	108.00	9.18	GRD	MG	Weakly potassic/propyllitic altered granodiorite with rubbly patches of potassic/propyllitic overprinted moderate argillic altered granodiorite.							
						MD	GY	RB	ARG	3I		
						MD	PK		PRO	3I		
						LT	WH	PA	POT	3I		
						DK	GN					
108.00	110.63	2.63	GRD	MG	Moderately phyllic/propyllitic altered granodiorite. Partially gouge altered.							
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
110.63	133.51	22.88	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
133.51	135.86	2.35	GRD	MG	Moderately propyllitic, strongly silicified granodiorite.							
						MD	GY		SIL	4I		
						DK	GN		PRO	3I		
135.86	140.29	4.43	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
140.29	142.00	1.71	GRD	MG	Moderate phyllic envelope around a quartz/carbonate vein with patchy propyllitic alteration.							
						MD	GN	PA	PRO	2I		
						LT	GN	EN	PHC	3I		
142.00	143.51	1.51	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
143.51	148.15	4.64	GRD	MG	Alternating moderate argillic alteration with potassic/propyllitic overprinted and moderate phyllic envelope around quartz carbonate veins and veinlets.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
148.15	159.20	11.05	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
159.20	162.52	3.32	GRD	MG	Moderately phyllic altered granodiorite partially gouge altered.							
						LT	GN		PHC	3I		
162.52	163.32	0.80	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
163.32	165.35	2.03	GRD	MG	Alternating moderate argillic alteration with potassic/propyllitic overprinted and moderate phyllic envelope around quartz carbonate veins and veinlets.							
						MD	PK		POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
165.35	174.33	8.98	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
174.33	175.22	0.89	GRD	MG	Alternating moderate argillic alteration with potassic/propyllitic overprinted and moderate phyllic envelope around quartz carbonate veins and veinlets.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
175.22	183.78	8.56	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
183.78	185.28	1.50	GRD	MG	Moderate silicified/phyllic envelope around quartz/carbonate veining. Patchy propyllitic/potassic alteration distally from veining.							
						MD	PK		PHC	3I		
						LT	GN	EN	SIL	3I		
						DK	GN	PA	PRO	3I		
									POT	3I		
185.28	187.20	1.92	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
187.20	191.57	4.37	GRD	MG	Alternating moderate argillic alteration with potassic/propyllitic overprinted and moderate phyllic envelope around quartz carbonate veins and veinlets.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
191.57	193.53	1.96	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	2I		
						MD	GY		POT	2I		
						DK	GN					
193.53	195.00	1.47	GRD	MG	Moderately silicified phyllic envelope around quartz/carbonate breccia. With propyllitic/chlorite alteration distally from vein.							
						LT	GN	EN	SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		
									CHL	3I		
195.00	204.34	9.34	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
204.34	212.03	7.69	GRD	MG	Weak potassic/propyllitic altered granodiorite patchy potassic/propyllitic overprinted argillic alteration granodiorite. Interval is more heavily broken up							
						MD	PK		POT	2I		
						LT	WH		PRO	2I		
						DK	GN	PA	ARG	3I		
212.03	212.45	0.42	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	2I		
						MD	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN					
216.97	233.62	16.65	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
233.62	238.15	4.53	GRD	MG	Alternating moderate argillic alteration with potassic/propyllitic overprinted and moderate phyllic envelope around quartz carbonate veins and veinlets.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
240.67	247.20	6.53	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate/sulphide veins. Phyllic alteration transition to potassic/propyllitic overprinted argillic alteration distally from veins.							
						MD	PK		POT	2I		
						LT	GN		SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									PRO	2I		
261.21	263.00	1.79	GRD	MG	Moderately silicified phyllic envelope around a quartz/sulphide vein. Phyllic alteration transitions to moderate potassic/propyllitic alteration distally from vein.							
						MD	GN		PHC	3I		
						MD	PK		POT	3I		
						LT	GN	EN	SIL	3I		
									PRO	3I		
268.77	273.71	4.94	GRD	MG	Moderately silicified phyllic envelope around a quartz/sulphide vein. Phyllic alteration transitions to moderate potassic/propyllitic alteration distally from vein.							
						MD	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	3I		
						LT	GN		SIL	3I		
									PRO	3I		
275.15	276.26	1.11	GRD	MG	Moderate argillic alteration with a moderate potassic/propyllitic overprint.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
276.26	278.52	2.26	GRD	MG	Partially gouge altered silicified phyllic altered granodiorite. Transitions to strong phyllic alteration adjacent to dyke contact hosts disseminated pyrite.							
						MD	PK		POT	3I		
						LT	GN		ARG	3I	Py	1
						DK	GN		PRO	3I		
278.52	278.75	0.23	QFP	FG	Grey/green quartz feldspar porphyry dyke. Upper dyke contact is gouge altered and oriented @50 TCA, lower contact is sharp, oriented at 50 TCA.							
						LT	GY	---	---	--		
						LT	GN					
278.75	284.77	6.02	QFP	FG	Patchy gouge altered moderate phyllic altered granodiorite with patchy argillic/potassic/propyllitic altered granodiorite.							
						MD	GN					
						MD	PK					
						LT	GN	PA				
						LT	WH					
284.77	286.30	1.53	GRD	MG	Weakly gouge altered moderately phyllic altered granodiorite.							
						LT	GN	---	PHC	3I		
286.30	286.72	0.42	QFP	FG	Weakly gouge altered grey/green quartz feldspar porphyry dyke. Upper contact gouge altered, no angle. Lower contact oriented at 65 TCA.							
						MD	GN					
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
286.72	286.81	0.09	GRD	MG	Strongly silicified/phyllic altered granodiorite hosting disseminated pyrite.							
						MD	GN		SIL	4I	Py	2
						MD	GY		PHC	4I		
286.81	287.25	0.44	GRD	MG	Milky white - smokey quartz vein hosting disseminated to massive arsenopyrite, disseminated to blebby pyrite, sphalerite and galena and disseminated jamesonite. Vein is cross-cut by randomly oriented white carbonate stringers.							
						LT	WH	---	---	--	Py	6
											As	10
											Sp	3
											Gn	2
											Jm	1
287.25	287.59	0.34	GRD	MG	Strongly silicified phyllic altered granodiorite hosting a quartz/pyrite vein/stringers and disseminated pyrite.							
						LT	GN		PHC	3I		
287.59	288.65	1.06	GRD	MG	Moderately phyllic altered granodiorite.							
						LT	GN		PHC	3I		
288.65	300.80	12.15	GRD	MG	Alternating small-large patches of potassic/propyllitic overprinted argillic alteration, weak potassic/propyllitic altered and phyllic envelope around quartz/carbonate vein.							
						MD	GY		PRO	2I		
						MD	PK		PHC	3I		
						LT	GN					
						LT	WH		POT	2I		
						DK	GN		ARG	3I		
300.80	304.75	3.95	GRD	MG	Moderately silicified phyllic/propyllitic altered granodiorite.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
304.75	310.59	5.84	GRD	MG	Alternating small-large patches of potassic/propyllitic overprinted argillic alteration, weak potassic/propyllitic altered and phyllic envelope around quartz/carbonate vein.							
						MD	GY		PRO	2I		
						MD	PK		PHC	3I		
						LT	GN					
						LT	WH		POT	2I		
						DK	GN		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
5.37	69.19	63.82	GRD	MG	Light-medium grey granodiorite with moderate oxidation along fracture surfaces. Has patchy argillic alteration that is pervasively strongly oxidized. Interval is broken up and argillic patches are very rubbly.							
						LT	GY	RB	OXI	3I		
						MD	OR		ARG	3I		
						MD	GY	PA	OXI	4I		
69.19	275.15	205.96	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	2I		
						DK	GN					
						MD	GY		POT	2I		
275.15	276.26	1.11	GRD	MG	Moderate argillic alteration with a moderate potassic/propyllitic overprint.							
						LT	WH		ARG	3I		
						MD	PK		POT	3I		
						DK	GN		PRO	3I		
276.26	278.52	2.26	GRD	MG	Partially gouge altered silicified phyllic altered granodiorite. Transitions to strong phyllic alteration adjacent to dyke contact hosts disseminated pyrite.							
						LT	GN		SIL	3I	Py	1
						DK	GN		PHC	4I		
						MD	PK		PHC	3I		
278.52	278.75	0.23	QFP	FG	Grey/green quartz feldspar porphyry dyke. Upper dyke contact is gouge altered and oriented @50 TCA, lower contact is sharp, oriented at 50 TCA.							
						LT	GY	---	---	--		
						LT	GN					
278.75	284.77	6.02	GRD	MG	Patchy gouge altered moderate phyllic altered granodiorite with patchy argillic/potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		ARG	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		POT	3I		
284.77	286.30	1.53	GRD	MG	Weakly gouge altered moderately phyllic altered granodiorite.							
						LT	GN	---	PHC	3I		
286.30	286.72	0.42	QFP	FG	Weakly gouge altered grey/green quartz feldspar porphyry dyke. Upper contact gouge altered, no angle. Lower contact oriented at 65 TCA.							
						MD	GN					
						MD	GY					
286.72	286.81	0.09	GRD	MG	Strongly silicified/phyllic altered granodiorite hosting disseminated pyrite.							
						MD	GY		PHC	4I		
						MD	GN		SIL	4I	Py	2
286.81	287.25	0.44	VEN	--	Milky white - smokey quartz vein hosting disseminated to massive arsenopyrite, disseminated to blebby pyrite, sphalerite and galena and disseminated jamesonite. Vein is cross-cut by randomly oriented white carbonate stringers.							
											Jm	1
											As	10
											Gn	2
						LT	WH	---	---	--	Py	6
											Sp	3
287.25	287.59	0.34	GRD	MG	Strongly silicified phyllic altered granodiorite hosting a quartz/pyrite vein/stringers and disseminated pyrite.							
						MD	GY		SIL	4I		
						MD	GN		PHC	4I		
287.59	288.65	1.06	GRD	MG	Moderately phyllic altered granodiorite.							
						LT	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
288.65	310.59	21.94	GRD	MG	Alternating small-large patches of potassic/propyllitic overprinted argillic alteration, weak potassic/propyllitic altered and phyllic envelope around quartz/carbonate vein.							
						MD	GY		PRO	2I		
						LT	WH		POT	2I		
						MD	PK		PHC	3I		
						DK	GN		ARG	3I		
						LT	GN					

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	5.37	5.37	0	0	0.00	0	--	--	--	
5.37	8.23	2.86	2.5	87	0.77	27	--	3H	3W	
8.23	11.28	3.05	2.74	90	1.07	35	--	3H	3W	
11.28	14.33	3.05	2.27	74	0.24	8	--	2H	4W	
14.33	17.37	3.04	2.65	87	1.67	55	--	3H	4W	
17.37	20.42	3.05	2.76	90	1.25	41	--	3H	3W	
20.42	23.47	3.05	2.82	92	0.17	6	--	3H	2W	
23.47	26.52	3.05	2.99	98	0.27	9	--	2H	3W	
26.52	29.57	3.05	2.87	94	0.53	17	--	3H	3W	
29.57	32.61	3.04	2.89	95	0.82	27	--	3H	3W	
32.61	35.66	3.05	3.03	99	1.47	48	--	3H	2W	
35.66	38.71	3.05	2.78	91	1.60	52	--	3H	3W	
38.71	41.76	3.05	2.65	87	0.92	30	--	2H	4W	
41.76	44.81	3.05	2.83	93	0.98	32	--	3H	3W	
44.81	47.85	3.04	2.92	96	1.40	46	--	3H	3W	
47.85	50.90	3.05	3.05	100	1.76	58	--	3H	2W	
50.90	53.95	3.05	2.99	98	1.65	54	--	3H	2W	
53.95	57.00	3.05	2.96	97	1.45	48	--	3H	3W	
57.00	60.05	3.05	3.03	99	1.64	54	--	3H	3W	
60.05	63.09	3.04	3.04	100	1.71	56	--	3H	2W	
63.09	66.14	3.05	2.59	85	1.69	55	--	3H	2W	
66.14	69.19	3.05	2.97	97	2.18	71	--	4H	2W	
69.19	72.24	3.05	2.97	97	2.06	68	--	4H	1W	
72.24	75.29	3.05	3.02	99	1.24	41	--	4H	1W	
75.29	78.33	3.04	2.87	94	1.49	49	--	3H	1W	
78.33	81.38	3.05	2.98	98	1.69	55	--	4H	2W	
81.38	84.43	3.05	2.96	97	2.38	78	--	4H	1W	
84.43	87.48	3.05	2.97	97	1.28	42	--	4H	1W	
87.48	90.53	3.05	2.91	95	2.30	75	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
90.53	93.57	3.04	2.86	94	0.83	27	--	4H	1W	
93.57	96.62	3.05	2.94	96	1.47	48	--	4H	1W	
96.62	99.67	3.05	2.95	97	1.07	35	--	4H	1W	
99.67	102.72	3.05	2.89	95	1.28	42	--	3H	1W	
102.72	105.77	3.05	2.92	96	0.28	9	--	3H	1W	
105.77	108.81	3.04	3	99	1.27	42	--	3H	1W	
108.81	111.86	3.05	3	98	2.47	81	--	3H	1W	
111.86	114.91	3.05	3.05	100	2.54	83	--	4H	1W	
114.91	117.96	3.05	2.97	97	1.61	53	--	4H	1W	
117.96	121.01	3.05	2.98	98	2.44	80	--	4H	1W	
121.01	124.05	3.04	3.02	99	1.81	60	--	4H	1W	
124.05	127.10	3.05	2.95	97	1.86	61	--	4H	1W	
127.10	130.15	3.05	3.02	99	2.21	72	--	4H	1W	
130.15	133.20	3.05	2.84	93	2.08	68	--	4H	1W	
133.20	136.25	3.05	3.01	99	2.55	84	--	4H	1W	
136.25	139.29	3.04	3.03	100	2.48	82	--	4H	1W	
139.29	142.34	3.05	2.91	95	2.58	85	--	4H	1W	
142.34	145.39	3.05	2.91	95	2.07	68	--	3H	1W	
145.39	148.44	3.05	2.97	97	1.61	53	--	3H	1W	
148.44	151.48	3.04	3	99	2.31	76	--	4H	1W	
151.48	154.53	3.05	2.99	98	2.87	94	--	4H	1W	
154.53	157.58	3.05	2.95	97	2.74	90	--	4H	1W	
157.58	160.63	3.05	2.96	97	2.64	87	--	3H	1W	
160.63	163.68	3.05	2.84	93	1.60	52	--	3H	1W	
163.68	166.73	3.05	2.85	93	2.18	71	--	3H	1W	
166.73	169.77	3.04	3.04	100	2.53	83	--	4H	1W	
169.77	172.82	3.05	3.05	100	2.89	95	--	4H	1W	
172.82	175.87	3.05	3.04	100	1.61	53	--	4H	1W	
175.87	178.92	3.05	3.04	100	2.76	90	--	4H	1W	
178.92	181.97	3.05	3.05	100	2.43	80	--	4H	1W	
181.97	185.01	3.04	3.04	100	2.21	73	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
185.01	188.06	3.05	3.05	100	2.37	78	--	3H	1W	
188.06	191.11	3.05	3.05	100	2.73	90	--	3H	1W	
191.11	194.16	3.05	3	98	2.87	94	--	4H	1W	
194.16	197.21	3.05	2.98	98	2.78	91	--	4H	1W	
197.21	200.25	3.04	3.04	100	1.73	57	--	4H	1W	
200.25	203.30	3.05	2.99	98	2.69	88	--	4H	1W	
203.30	206.35	3.05	2.97	97	1.56	51	--	4H	1W	
206.35	209.40	3.05	2.89	95	1.07	35	--	4H	1W	
209.40	212.45	3.05	3.05	100	1.03	34	--	3H	1W	
212.45	215.49	3.04	2.95	97	2.84	93	--	3H	1W	
215.49	218.54	3.05	3.05	100	2.31	76	--	3H	1W	
218.54	221.59	3.05	2.99	98	2.57	84	--	4H	1W	
221.59	224.64	3.05	3	98	2.81	92	--	4H	1W	
224.64	227.68	3.04	3.04	100	2.87	94	--	4H	1W	
227.68	230.73	3.05	2.96	97	2.26	74	--	4H	1W	
230.73	233.78	3.05	2.96	97	2.61	86	--	4H	1W	
233.78	236.83	3.05	3.05	100	2.28	75	--	3H	1W	
236.83	239.88	3.05	2.98	98	2.05	67	--	3H	1W	
239.88	242.93	3.05	3.05	100	1.26	41	--	4H	1W	
242.93	245.97	3.04	2.98	98	1.26	41	--	3H	1W	
245.97	249.02	3.05	2.92	96	2.30	75	--	3H	1W	
249.02	252.07	3.05	3.02	99	2.17	71	--	4H	1W	
252.07	255.12	3.05	3.05	100	1.95	64	--	4H	1W	
255.12	258.17	3.05	2.99	98	2.34	77	--	4H	1W	
258.17	261.21	3.04	2.91	96	1.98	65	--	4H	1W	
261.21	264.26	3.05	2.9	95	2.35	77	--	3H	1W	
264.26	267.31	3.05	3	98	2.36	77	--	2H	1W	
267.31	270.36	3.05	2.92	96	1.68	55	--	3H	1W	
270.36	273.41	3.05	3.05	100	1.34	44	--	2H	1W	
273.41	276.45	3.04	3.02	99	1.34	44	--	2H	1W	
276.45	279.50	3.05	3	98	1.50	49	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
279.50	282.55	3.05	3.02	99	0.85	28	--	3H	1W	
282.55	285.60	3.05	2.89	95	1.85	61	--	3H	1W	
285.60	288.65	3.05	3.05	100	2.39	78	--	3H	1W	
288.65	291.69	3.04	2.99	98	2.62	86	--	3H	1W	
291.69	294.74	3.05	2.9	95	1.83	60	--	3H	1W	
294.74	297.79	3.05	3.03	99	1.46	48	--	3H	1W	
297.79	300.84	3.05	3.05	100	0.98	32	--	3H	1W	
300.84	303.88	3.04	2.99	98	1.80	59	--	3H	1W	
303.88	306.93	3.05	2.98	98	2.67	88	--	2H	1W	
306.93	309.98	3.05	2.94	96	2.22	73	--	3H	1W	
309.98	310.59	0.61	0.61	100	0.53	87	--	3H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
6	8.65	GRD	
7	8.17	GRD	
8	5.42	GRD	
9	0.593	GRD	
10	1.11	GRD	
11	12.7	GRD	
12	9.51	GRD	
13	0.462	GRD	
14	0.3	GRD	
15	0.4	GRD	
16	0.152	GRD	
17	1.75	GRD	
18	5.02	GRD	
19	7.23	GRD	
20	2.39	GRD	
21	7.41	GRD	
22	7.81	GRD	
23	0.6	GRD	
24	9.41	GRD	
25	8.89	GRD	
26	0.327	GRD	
27	6.78	GRD	
28	0.336	GRD	
29	6.52	GRD	
30	7.27	GRD	
31	2.61	GRD	
32	0.24	GRD	
33	1.08	GRD	
34	1.54	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
35	14.9	GRD	
36	12.9	GRD	
37	6.06	GRD	
38	14.1	GRD	
39	10.4	GRD	
40	13	GRD	
41	9.02	GRD	
42	3.35	GRD	
43	8.32	GRD	
44	0.42	GRD	
45	0.39	GRD	
46	0.444	GRD	
47	2.03	GRD	
48	1.8	GRD	
49	0.484	GRD	
50	0.375	GRD	
51	0.341	GRD	
52	3.64	GRD	
53	8.78	GRD	
54	0.569	GRD	
55	0.136	GRD	
56	3.28	GRD	
57	7.53	GRD	
58	0.409	GRD	
59	0.378	GRD	
60	0.41	GRD	
61	0.363	GRD	
62	0.383	GRD	
63	0.471	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
64	0.38	GRD	
65	0.509	GRD	
66	6.34	GRD	
67	4.1	GRD	
68	4.74	GRD	
69	18.5	GRD	
70	2.75	GRD	
71	14.2	GRD	
72	19.9	GRD	
73	18	GRD	
74	19.3	GRD	
75	17	GRD	
76	0.745	GRD	
77	13.3	GRD	
78	0.318	GRD	
79	0.389	GRD	
80	3.79	GRD	
81	2.79	GRD	
82	2.33	GRD	
83	11.1	GRD	
84	1.44	GRD	
85	0.365	GRD	
86	0.266	GRD	
87	3.4	GRD	
88	5.25	GRD	
89	10.3	GRD	
90	11.9	GRD	
91	9.57	GRD	
92	13.1	GRD	
93	14.1	GRD	
94	11.9	GRD	
95	6.52	GRD	
96	14	GRD	
97	16.4	GRD	
98	14.4	GRD	
99	0.719	GRD	
100	15.8	GRD	
101	15.9	GRD	
102	15	GRD	
103	13.5	GRD	
104	12.5	GRD	
105	1.91	GRD	
106	3.14	GRD	
107	7.75	GRD	
108	0.718	GRD	
109	0.389	GRD	
110	0.423	GRD	
111	18.1	GRD	
112	3.34	GRD	
113	10	GRD	
114	16.2	GRD	
115	18.3	GRD	
116	19	GRD	
117	14.2	GRD	
118	15.8	GRD	
119	18	GRD	
120	22.9	GRD	
121	20.6	GRD	
122	19	GRD	
123	9.64	GRD	
124	7.43	GRD	
125	16.6	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
126	19.6	GRD	
127	17.5	GRD	
128	11	GRD	
129	2.72	GRD	
130	15.1	GRD	
131	17.4	GRD	
132	0.676	GRD	
133	16.6	GRD	
134	16.1	GRD	
135	14.7	GRD	
136	18.2	GRD	
175	0.418	GRD	
176	2.6	GRD	
177	12.1	GRD	
178	9.01	GRD	
179	10.6	GRD	
180	4.65	GRD	
181	6.76	GRD	
182	17.5	GRD	
183	12.6	GRD	
184	0.174	GRD	
185	0.407	GRD	
186	2.59	GRD	
187	9.52	GRD	
188	1.62	GRD	
189	0.477	GRD	
190	0.683	GRD	
191	1.31	GRD	
192	10.4	GRD	
193	6.95	GRD	
194	0.581	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
195	0.217	GRD	
196	8.01	GRD	
197	2.11	GRD	
198	10.6	GRD	
199	1.33	GRD	
200	7.18	GRD	
201	5.35	GRD	
202	0.719	GRD	
203	0.997	GRD	
204	1	GRD	
205	1.59	GRD	
206	0.669	GRD	
207	1.94	GRD	
208	6.04	GRD	
209	8.62	GRD	
210	5.94	GRD	
211	2.96	GRD	
212	2.76	GRD	
213	7.14	GRD	
214	6.06	GRD	
215	0.416	GRD	
216	0.739	GRD	
217	0.513	GRD	
218	2.3	GRD	
219	1.62	GRD	
220	1.77	GRD	
221	3.54	GRD	
222	6.78	GRD	
223	4.39	GRD	
224	7.21	GRD	
225	13.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
226	5.24	GRD	
227	13.2	GRD	
228	2.59	GRD	
229	16.3	GRD	
230	1.3	GRD	
231	9.15	GRD	
232	4.99	GRD	
233	4.12	GRD	
234	3.69	GRD	
235	0.539	GRD	
236	0.439	GRD	
237	0.34	GRD	
238	0.151	GRD	
239	4.97	GRD	
240	4.95	GRD	
241	0.347	GRD	
242	0.235	GRD	
243	0.358	GRD	
244	0.332	GRD	
245	0.301	GRD	
246	2.11	GRD	
247	0.362	GRD	
248	2.33	GRD	
249	6.07	GRD	
250	0.493	GRD	
251	4.22	GRD	
252	10.2	GRD	
253	4.17	GRD	
254	1.36	GRD	
255	14	GRD	
256	8.31	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
257	7.23	GRD	
258	0.472	GRD	
259	4.29	GRD	
260	8.48	GRD	
261	0.645	GRD	
262	0.518	GRD	
263	0.548	GRD	
264	2.22	GRD	
265	12.8	GRD	
266	16.7	GRD	
267	0.862	GRD	
268	3.65	GRD	
269	4.33	GRD	
270	0.698	GRD	
271	0.83	GRD	
272	0.571	GRD	
273	7.14	GRD	
274	8.81	GRD	
275	9.67	GRD	
276	0.561	GRD	
277	0.683	GRD	
278	0.49	GRD	
279	0.556	GRD	
280	0.398	GRD	
281	0.238	GRD	
282	0.272	GRD	
283	0.422	GRD	
284	0.28	GRD	
285	0.413	GRD	
286	0.254	GRD	
287	0.136	VEN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
288	0.486	GRD	
289	0.28	GRD	
290	0.466	GRD	
291	0.35	GRD	
292	0.48	GRD	
293	0.525	GRD	
294	0.34	GRD	
295	0.405	GRD	
296	0.626	GRD	
297	0.396	GRD	
298	2.88	GRD	
299	2.2	GRD	
300	1.49	GRD	
301	0.766	GRD	
302	0.406	GRD	
303	0.417	GRD	
304	0.372	GRD	
305	0.382	GRD	
306	0.888	GRD	
307	0.334	GRD	
308	0.403	GRD	
309	3.58	GRD	
310	0.646	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382349	6890722	1311.28	209.09

ZONE: Western Klaza

SECTION:

HOLE: KL-14-182

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 17 - Jul 20, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
209.09	41.1	-49.9	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.85	2.85	CAS
2.85	21.98	19.13	GRD
21.98	33.55	11.57	GRD
33.55	65.73	32.18	GRD
65.73	72.04	6.31	GRD
72.04	74.17	2.13	GRD
74.17	115.96	41.79	GRD
115.96	136.6	20.64	GRD
136.6	141.19	4.59	GRD
141.19	151.01	9.82	GRD
151.01	157.7	6.69	GRD
157.7	164.42	6.72	GRD
164.42	182.09	17.67	GRD
182.09	185.3	3.21	GRD
185.3	186.04	0.74	QFP
186.04	188.77	2.73	GRD

SAMPLES	
Numbers:	Q016916 to Q016919, Q927182 to Q927293
Total:	122
Batch:	087, 089, 091, 092, 093, 112
Certificates:	WH14110389, WH14111981, WH14111983, WH14111984, WH14113787, WH14114877, WH14120882, WH14124431

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

188.77	189.2	0.43	QFP
189.2	192.15	2.95	GRD
192.15	209.09	16.94	GRD

Box Log

KL-14-182

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.85	5.37
2	5.37	8.43
3	8.43	11.54
4	11.54	14.54
5	14.54	17.74
6	17.74	20.96
7	20.96	23.97
8	23.97	26.9
9	26.9	30.18
10	30.18	33.17
11	33.17	36.41
12	36.41	39.15
13	39.15	41.93
14	41.93	44.8
15	44.8	47.55
16	47.55	50.59
17	50.59	53.64
18	53.64	56.6
19	56.6	59.48
20	59.48	61.87
21	61.87	64.54
22	64.54	67.53
23	67.53	70.16
24	70.16	73.06
25	73.06	75.52
26	75.52	78.52
27	78.52	82.17
28	82.17	86.92
29	86.92	89.8
30	89.8	92.57
31	92.57	95.7
32	95.7	98.5
33	98.5	101.58
34	101.58	104.65
35	104.65	107.7
36	107.7	110.7
37	110.7	113.65
38	113.65	116.32
39	116.32	119.55
40	119.55	122.3
41	122.3	125.33
42	125.33	128.34
43	128.34	131.18
44	131.18	134.11
45	134.11	137.11
46	137.11	140.25
47	140.25	143.45
48	143.45	146.28
49	146.28	149.15
50	149.15	152.45
51	152.45	155.62
52	155.62	158.75
53	158.75	161.57
54	161.57	164.84
55	164.84	167.68
56	167.68	170.9
57	170.9	174.12
58	174.12	177.14
59	177.14	180.24
60	180.24	183.35
61	183.35	186.39
62	186.39	189.76
63	189.76	192.77
64	192.77	196.12
65	196.12	199.08
66	199.08	202.3
67	202.3	205.46
68	205.46	208.7
69	208.7	209.09

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-182									
	22.55	12.2	HQ	GRD	1039.4	654.4	2.92	2.7	light coloured breccia with moderate phyllic altered granodiorite clasts and blebby pyrite, galena, honey brown and blackjack sphalerite.
	29.31	18	HQ	GRD	1508.1	942	2.87	2.7	Moderate phyllic altered granodiorite with moderate silicification and disseminated pyrite surrouned 3.2 centimeter dark smoky quartz breccia with blebby pyrite.
	40.13	8.2	HQ	GRD	748.8	469.5	3.12	2.7	Banded quartz-ankerite-goethite-limonite vein with blebby pyrite.
	66.08	20.5	HQ	GRD	1922	1239.1	3.21	2.8	Clear quartz-ankerite-calcite vein with comb and colloform tectures and veinlets of pink ankerite-calcite. Disseminated and blebby pyrite in quartz veinlets. 3 centimeter on either side of moderate propalytic, moderate phyllic altered granodiorite with moderate silicification.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	99.26	9.9	HQ	GRD	830.7	529	2.87	2.8	3.7 centimeter Vn and 0.5 centimeter vt's of smoky quartz-white calcite- tan ankerite with breccia and banded colloform txt in moderate phyllic altered granodiorite with moderate propalytic over and moderate silicification. Granodiorite and smoky quartz hosting disseminated pyrite.
	135.65	19.4	HQ	GRD	1505.3	893.7	2.66	2.5	Moderate argillic altered granodiorite with weak propalytic overprint and moderate hematization.
	137.11	18.4	HQ	GRD	1639.8	1055.5	3.05	2.8	6.5 centimeter banded calcite-ankerite vein (plus smaller vts) with blebby pyrite, sphalerite, chalcopyrite, galena hosted in quartz. Vein hosted in moderate phyllic altered granodiorite with moderate propalytic overprint and weak silicification with obliteration textures and disseminated pyrite.
	183.55	13.6	HQ	GRD	1294.4	825.2	3.26	2.8	Patchy fine grained dark breccia with disseminated pyrite in moderate phyllic altered granodiorite with weak silicification. Cut by smoky quartz veinlets.
	184.28		HQ	GRD	546.3		3.41		Ankerite-calcite-quartz vein with blebby pyrite, semi-massive galena and arsenopyrite with disseminated jamesonite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	184.33	14	HQ	GRD	1429.6	955.3	3.49	3.0	Smoky quartz-calcite-ankerite vein. Smoky quartz hosting intermixed pervasive jamesonite, blebby pyrite, sphalerite, galena, chalcopyrite, semi-massive arsenopyrite. Netted calcite stringers throughout. Some breccia textures.
	188.99	6.9	HQ	QFP	577.9	357.1	2.87	2.6	White-green quartz feldspar dyke

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.85	11.09	8.24	GRD	MG	Pervasive propylitic and silica altered granodiorite with vein and fracture-associated oxidation.							
						MD	BN		SIL	2I		
						MD	GY		OXI	3I	Li	2
									PRO	2I		
									POT	1I		
11.09	13.33	2.24	GRD	MG	Pervasive propylitic and silicified granodiorite with phyllic-argillic vein halos. Vein and fracture-associated oxidation, stronger in argillic patches. Cut by white quartz-carbonate veins.							
						LT	GN		OXI	3I	Li	4
						LT	BN		SIL	2I		
									PRO	2I		
									POT	1I		
									PHC	1I		
									ARG	1I		
13.33	15.16	1.83	GRD	MG	Pervasive propylitic and silica altered granodiorite with vein and fracture-associated oxidation.							
						MD	BN		SIL	2I		
						MD	GY		OXI	3I	Li	2
									PRO	2I		
									POT	1I		
15.16	17.24	2.08	GRD	MG	Pervasive propylitic and silicified granodiorite with phyllic-argillic vein halos. Vein and fracture-associated oxidation, stronger in argillic patches. Cut by white quartz-carbonate veins.							
						LT	GN		OXI	3I	Li	4
						LT	BN		SIL	2I		
									PRO	2I		
									POT	1I		
									PHC	1I		
									ARG	1I		
17.24	20.06	2.82	GRD	MG	Pervasive propylitic and silica altered granodiorite with vein and fracture-associated oxidation.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		OXI	3I		
						MD	BN		SIL	2I		
									POT	1I		
									PRO	2I		
20.06	21.98	1.92	GRD	MG	Pervasive propylitic and silicified granodiorite with phyllic-argillic vein halos. Vein and fracture-associated oxidation, stronger in argillic patches. Cut by white quartz-carbonate veins.							
						LT	BN		SIL	2I		
						LT	GN		OXI	3I	Li	4
									PRO	2I		
									POT	1I		
									PHC	1I		
									ARG	1I		
21.98	29.85	7.87	GRD	MG	Granodiorite with phyllic-argillic vein halos on several well-mineralized and complexly textured veins. Patchy silicification and vein and fracture-associated oxidation. Interval includes a weak breccia at 22.36-22.75m.							
						MD	GN		OXI	2I		
						MD	BN		PHC	1I		
						LT	GN	PA	SIL	2I		
									ARG	1I		
29.85	30.72	0.87	GRD	MG	Dominated by a rubbly, low angle white-grey quartz-carbonate vein with pyrite.							
						MD	GN	RB	SIL	3I	Py	2
						LT	WH		PHC	3I		
30.72	33.55	2.83	GRD	MG	Phyllic-argillic vein halos on banded-colloform calcite-quartz veins.							
						LT	GN	PA	OXI	1I		
						LT	BN		ARG	2I		
						LT	WH		PHC	3I		
33.55	36.56	3.01	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic and crosscutting calcite veinlets.							
						MD	GY		OXI	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BN		SIL	2I		
									PRO	2I		
									POT	2I		
36.56	49.50	12.94	GRD	MG	Pervasive propylitic and silicified granodiorite with phyllic-argillic vein halos. Argillic is often crumbled with stronger oxidation.							
								PA	OXI	3I	Li	5
								FR	PRO	2I		
									POT	1I		
									PHC	2I		
									ARG	3I		
49.50	57.12	7.62	GRD	MG	Pervasive propylitic and silicification with patchy potassic. Oxidation on fractures.							
						MD	GY		OXI	2I	Li	3
						MD	BN		SIL	2I		
									PRO	2I		
									POT	2I		
57.12	59.33	2.21	GRD	MG	Argillic-dominated vein halo with limited phyllic. Argillic is crumbled-rubbly in half of the interval, with stronger oxidation.							
						MD	BN		SIL	1I		
						LT	WH	RB	OXI	3I	Li	6
									PHC	1I		
									ARG	3I		
59.33	60.28	0.95	GRD	MG	Pervasive propylitic and silicification with patchy potassic. Oxidation on fractures.							
						MD	GY		OXI	2I	Li	2
						MD	BN		SIL	2I		
									PRO	2I		
									POT	2I		
60.28	62.25	1.97	GRD	MG	Pervasive propylitic and silicification with patchy potassic and oxidation on fractures.							
						MD	GY		OXI	2I	Li	4
						MD	BN		SIL	2I		
									POT	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
62.25	65.73	3.48	GRD	MG	Pervasive propylitic and silicification with patchy potassic. Oxidation on fractures.							
						MD	GY		OXI	1I		
						MD	BN		SIL	2I		
									PRO	2I		
									POT	2I		
65.73	72.04	6.31	GRD	MG	Patchy phyllic-argillic vein halos with patchy moderate potassic alteration, generally in argillic. Oxidation on fractures. Cut by quartz-calcite veins.							
						LT	GN	PA	OXI	1I		
						LT	WH		SIL	2I		
									PHC	2I		
									ARG	3I		
									POT	3I		
72.04	74.17	2.13	GRD	MG	Moderate-strong argillic with high degree of crumbling.							
						MD	GY	RB	OXI	1I		
						LT	WH		ARG	4I		
74.17	86.92	12.75	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	2I		
86.92	90.57	3.65	GRD	MG	Patchy vein-associated phyllic-argillic with propylitic and potassic vein halos. Patchy silicification.							
						MD	PK	PA	SIL	1I		
						MD	GN		PHC	1I		
						LT	WH		ARG	2I		
									POT	2I		
									PRO	2I		
90.57	93.97	3.40	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite. Cut by low angle quartz vein with bladed hematite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	2I	He	1
						MD	PK		PRO	3I		
									POT	2I		
93.97	95.39	1.42	GRD	MG	Phyllic halo on several smoky quartz-carbonate veinlets with pyrite and chalcopyrite.							
						MD	GN		PRO	1I		
						LT	GN		SIL	1I		
									PHC	2I		
95.39	98.75	3.36	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite. Cut by low angle quartz vein with bladed hematite.							
						MD	GY		SIL	2I	He	1
						MD	PK		PRO	3I		
									POT	2I		
98.75	99.68	0.93	GRD	MG	Phyllic vein halos on banded-colloform smoky quartz-carbonate veins.							
						MD	GN		SIL	1I		
						LT	GN		PRO	1I		
									PHC	2I		
									POT	1I		
99.68	104.60	4.92	GRD	MG	Pervasive propylitic, potassic and silicification.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
									POT	1I		
104.60	106.14	1.54	GRD	MG	Phyllic-argillic halo on banded smoky quartz-carbonate veins/veinlets at varying orientations and a narrow smoky quartz breccia at 99.68-104.60m.							
						MD	GN		SIL	3I		
						LT	GN		PRO	2I		
									POT	1I		
106.14	115.96	9.82	GRD	MG	Pervasive propylitic, potassic and silicification.							
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
									POT	1I		
115.96	121.11	5.15	GRD	MG	Granodiorite dominated by phyllic-argillic halos on mineralized veins/veinlets. Patches of propylitic, silicification, and potassic alteration. Quartz veins host pyrite and chalcopyrite.							
						MD	GN	PA	SIL	1I		
						MD	GY		ARG	2I		
						MD	PK		PRO	2I		
						LT	GN		PHC	3I		
									POT	2I		
121.11	123.26	2.15	GRD	MG	Pervasive propylitic, potassic, and silicification.							
						MD	GY		SIL	1I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
123.26	126.36	3.10	GRD	MG	Phyllic-argillic halo on smoky quartz breccia.							
						LT	GN		PHC	3I		
									ARG	1I		
126.36	128.27	1.91	GRD	MG	Pervasive propylitic, potassic, and silicification.							
						MD	GN		SIL	1I		
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
128.27	129.35	1.08	GRD	MG	Strongly phyllic altered granodiorite with fractures/rubble.							
						LT	GN	RB	PHC	4I		
						LT	GY	FR				
129.35	131.38	2.03	GRD	MG	Pervasive propylitic silicification with hematite in stringers and fracture faces.							
						MD	RD		SIL	2I	He	5
						MD	GN		PRO	2I		
									HEM	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
131.38	134.93	3.55	GRD	MG	Moderate-strong phyllic-argillic vein halo on fractured zone with weak clay on fractures.							
						LT	GN	FR	PHC	3I		
						LT	GY		CLY	1I		
									ARG	2I		
134.93	136.60	1.67	GRD	MG	Argillic patches with hematite alteration in groundmass and fractures.							
						MD	RD					
						LT	WH		HEM	1I	He	5
						LT	PK		ARG	3I		
136.60	141.19	4.59	GRD	MG	Phyllic-argillic vein halos on banded smoky quartz-carbonate veins with pyrite, galena, and sphalerite.							
						LT	GN		SIL	1I	Py	1
						LT	GY		PHC	3I		
									ARG	2I		
141.19	151.01	9.82	GRD	MG	Granodiorite with weak propylitic, potassic, and silicification.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
						MD	GN		POT	2I		
151.01	157.70	6.69	GRD	MG	Phyllic-argillic vein halos with propylitic between halos. Silicification and potassic variably overprints all other alterations. Cut by textured smoky quartz-carbonate veins with pyrite, sphalerite, and hematite.							
						MD	PK		SIL	2I		
						MD	GN		PRO	2I		
						LT	GN	PA	ARG	2I		
						LT	WH		PHC	3I		
									POT	2I		
157.70	164.42	6.72	GRD	MG	Granodiorite with weak propylitic, potassic, and silicification.							
						MD	GN		SIL	2I		
						MD	GY		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	2I		
164.42	168.92	4.50	GRD	MG	Phyllic-argillic vein halos with propylitic between halos. Silicification and potassic variably overprints all other alterations. Cut by textured smoky quartz-carbonate veins with pyrite, sphalerite, and hematite.							
						MD	GN		SIL	2I		
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
168.92	169.88	0.96	GRD	MG	Argillic patch with potassic alteration.							
						LT	PK		ARG	3I		
						LT	WH		POT	2I		
169.88	175.61	5.73	GRD	MG	Phyllic-argillic vein halos with propylitic between halos. Silicification and potassic variably overprints all other alterations. Cut by textured smoky quartz-carbonate veins with pyrite, sphalerite, and hematite.							
						MD	PK		POT	2I		
						MD	GN		PRO	2I		
						MD	GY		SIL	2I		
175.61	176.45	0.84	GRD	MG	Weak propylitic with moderate hematite.							
						MD	RD		PRO	2I		
						DK	GN		SIL	1I		
									HEM	3I		
176.45	182.09	5.64	GRD	MG	Phyllic-argillic vein halos with propylitic between halos. Silicification and potassic variably overprints all other alterations. Cut by textured smoky quartz-carbonate veins with pyrite, sphalerite, and hematite.							
						MD	GY		SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
182.09	183.89	1.80	GRD	MG	Dominated by phyllic granodiorite, cut by chalcopyrite-hematite hosting quartz veins and dark grey fine grained breccia with large (>3cm) angular-jigsaw granodiorite clasts. Disseminated-blebby pyrite in cement and granodiorite.							
						MD	GY		PHC	3I		
						LT	GN	BX	SIL	2I	Py	5
183.89	184.71	0.82	VEN	FG	Main Klaza vein with breccia. Massive-banded vuggy white quartz-carbonate vein cementing smoky quartz and granodiorite clasts. Smoky quartz hosts most of mineralization. High concentration of felted jamesonite needles throughout smoky quartz. Blebby galena, sphalerite, and pyrite focused at smoky quartz-carbonate contacts. Disseminated pyrite in all smoky quartz. Disseminated-blebby arsenopyrite in smoky quartz with jamesonite. Galena and sphalerite can be found in bands.							
						MD	GN				Jm	10
						LT	WH	BX	SIL	2I	Py	10
						DK	GY		PHC	3I	As	3
											Gn	3
											Sp	6
184.71	185.30	0.59	GRD	MG	Phyllic altered granodiorite with light tan in groundmass related to quartz feldspar porphyry dyke. Cut by grey massive quartz and netted carbonate veinlets.							
						LT	GN		PHC	3I		
						LT	TN					
185.30	185.45	0.15	BXA	FG	Light brown aphanitic quartz cementing granodiorite and quartz feldspar porphyry dyke clasts.							
						LT	GN	BX	SIL	3I		
						LT	GY		PHC	2I		
185.45	185.82	0.37	QFP	FG	Interfingered quartz feldspar porphyry dyke with smoky quartz and disseminated pyrite along contacts. Variable contact angles.							
						LT	TN	PO	SIL	2I	Py	1
									HYD	4I		
185.82	186.04	0.22	BXA	FG	Light brown aphanitic quartz cementing granodiorite and quartz feldspar porphyry dyke clasts.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	BN	BX	SIL	3I		
						LT	GY		PHC	2I		
186.04	188.77	2.73	GRD	MG	Phyllic-argillic granodiorite between quartz feldspar porphyries. Gouged at top contact. Smoky quartz breccia at lower contact. Cut by many cream carbonate veinlets.							
						LT	GN	PA	SIL	2I		
						LT	GY		PHC	3I		
									ARG	2I		
188.77	189.20	0.43	QFP	FG	Irregular 65 TCA top contact, 70 TCA bottom contact. Light tan quartz feldspar porphyry dyke.							
						LT	TN	PO	HYD	4I		
189.20	192.15	2.95	GRD	MG	Phyllic-argillic granodiorite with patchy silicification. Cut by cream carbonate veinlets and some smoky quartz veinlets.							
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
									ARG	2I		
192.15	196.36	4.21	GRD	MG	Pervasive propylitic and silicification with patchy potassic and vein-associated phyllic-argillic.							
						MD	GN	PA	SIL	3I		
						MD	GY		PRO	3I		
						MD	PK		POT	2I		
									PHC	1I		
									ARG	1I		
196.36	196.95	0.59	GRD	MG	Phyllic halo on two pyrite-bearing massive white quartz veins.							
						LT	GN		SIL	2I		
									PHC	3I		
196.95	201.94	4.99	GRD	MG	Pervasive propylitic and silicification with patchy potassic and vein-associated phyllic-argillic.							
						MD	GY	PA	SIL	3I		
						MD	GN		PRO	3I		
						MD	PK		POT	2I		
									PHC	1I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
201.94	202.77	0.83	GRD	MG	Phyllic halo with potassic and silica alteration. Vein is vuggy massive grey aphanitic quartz and cream carbonate. Carbonates line vugs.							
						LT	GN		SIL	2I		
						LT	PK		PHC	3I		
									POT	1I		
202.77	209.09	6.32	GRD	MG	Pervasive propylitic and silicification with patchy hematization, potassic, and vein-associated phyllic-argillic.							
						MD	GY	PA	SIL	3I		
						MD	RD		HEM	2I		
						MD	GN		PRO	3I		
						MD	PK		POT	2I		

KL-14-182

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.85	21.98	19.13	GRD	MG	Pervasive propylitic and silica altered granodiorite with phyllic-argillic vein halos. Vein and fracture associated oxidation. Stronger oxidation in argillic patches.							
						MD	GY	PA	OXI	3I	Li	2
									ARG	1I		
									PHC	2I		
									POT	1I		
									PRO	2I		
						MD	BN		SIL	2I		
21.98	33.55	11.57	GRD	MG	Granodiorite with phyllic-argillic vein halos on several well-mineralized and complexly textured veins. Patchy silicification and vein and fracture-associated oxidation. Interval includes a weak breccia at 22.36-22.75m.							
									ARG	1I		
						LT	GN	PA	OXI	2I		
						MD	BN		PHC	1I		
						MD	GN		SIL	2I		
33.55	65.73	32.18	GRD	MG	Pervasive propylitic and silicified granodiorite with phyllic-argillic vein halos. Argillic is often crumbled with stronger oxidation.							
						LT	GN		PHC	2I		
						MD	BN	RB	SIL	1I		
						LT	WH		PHC	2I		
									ARG	2I		
									POT	2I		
						MD	GY	PA	OXI	3I	Li	3
65.73	72.04	6.31	GRD	MG	Patchy phyllic-argillic vein halos with patchy moderate potassic alteration, generally in argillic. Oxidation on fractures. Cut by quartz-calcite veins.							
									ARG	3I		
									PHC	2I		
						LT	WH		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	OXI	1I		
									POT	3I		
72.04	74.17	2.13	GRD	MG	Moderate-strong argillic with high degree of crumbling.							
						MD	GY	RB	OXI	1I		
						LT	WH		ARG	4I		
74.17	115.96	41.79	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with phyllic-argillic vein halos.							
						MD	GY	PA	SIL	2I		
						LT	WH		POT	2I		
						MD	PK		PHC	2I		
						MD	GN		PRO	2I		
									ARG	2I		
115.96	136.60	20.64	GRD	MG	Granodiorite dominated by phyllic-argillic halos on mineralized veins/veinlets. Patches of propylitic, silicification, and potassic alteration.							
									POT	2I		
									ARG	2I		
									PRO	2I		
								PA	SIL	1I		
									PHC	3I		
136.60	141.19	4.59	GRD	MG	Phyllic-argillic vein halos on banded smoky quartz-carbonate veins with pyrite, galena, and sphalerite.							
									ARG	2I		
						LT	GN		SIL	1I	Py	1
						LT	GY		PHC	3I		
141.19	151.01	9.82	GRD	MG	Granodiorite with weak propylitic, potassic, and silicification.							
						MD	PK		PRO	2I		
						MD	GY		SIL	2I		
						MD	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
151.01	157.70	6.69	GRD	MG	Phyllic-argillic vein halos with propylitic between halos. Silicification and potassic variably overprints all other alterations. Cut by textured smoky quartz-carbonate veins with pyrite, sphalerite, and hematite.							
						MD	GN		PRO	2I		
						LT	GN	PA	SIL	2I		
						LT	WH		ARG	2I		
						MD	PK		PHC	3I		
									POT	2I		
157.70	164.42	6.72	GRD	MG	Granodiorite with weak propylitic, potassic, and silicification.							
						MD	GY		POT	2I		
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
164.42	182.09	17.67	GRD	MG	Phyllic-argillic vein halos with propylitic between halos. Silicification and potassic variably overprints all other alterations. Cut by textured smoky quartz-carbonate veins with pyrite, sphalerite, and hematite.							
						MD	GY		SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
182.09	185.30	3.21	GRD	MG	Main vein zone. Quartz veins with chalcopyrite and specular hematite are distal from quartz feldspar porphyry dyke contact. Cut by wide breccia with large angular granodiorite clasts and disseminated pyrite. Smoky quartz-carbonate vein rich in sulphides. Quartz feldspar porphyry dyke is brecciated near contact.							
						LT	GN					
						LT	WH					
						DK	GY		PHC	3I		
						MD	GN	BX	SIL	2I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
185.30	186.04	0.74	QFP	FG	Quartz feldspar porphyry dyke with irregular granodiorite contact (due to interfingering) and light brown aphanitic quartz. Breccia at botch contacts. Smoky quartz and disseminated pyrite along top and bottom granodiorite contacts.							
						LT	GY					
						LT	BN	BX	HYD	3I		
						LT	TN	PO	SIL	3I		
186.04	188.77	2.73	GRD	MG	Phyllic-argillic granodiorite between quartz feldspar porphyries. Gouged at top contact. Smoky quartz breccia at lower contact. Cut by many cream carbonate veinlets.							
						LT	GN	PA	SIL	2I		
						LT	GY		PHC	3I		
									ARG	2I		
									HYD	4I		
188.77	189.20	0.43	QFP	FG	Irregular 65 TCA top contact, 70 TCA bottom contact. Light tan quartz feldspar porphyry dyke.							
						LT	TN	PO	HYD	4I		
189.20	192.15	2.95	GRD	MG	Phyllic-argillic granodiorite with patchy silicification. Cut by cream carbonate veinlets and some smoky quartz veinlets.							
									ARG	2I		
						LT	WH		PHC	3I		
						LT	GN		SIL	2I		
192.15	209.09	16.94	GRD	MG	Pervasive propylitic and silicification with patchy potassic and vein-associated phyllic-argillic.							
						MD	GN		PRO	3I		
						MD	GY	PA	SIL	3I		
						MD	PK		POT	2I		
									PHC	1I		
									ARG	1I		

KL-14-182

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.85	2.85	0	0	0.00	0	--	--	--	
2.85	4.88	2.03	1.22	60	0.58	29	--	4H	2W	
4.88	7.92	3.04	2.74	90	2.23	73	--	4H	2W	
7.92	10.97	3.05	2.74	90	2.23	73	--	4H	2W	
10.97	14.02	3.05	2.92	96	2.14	70	--	4H	2W	
14.02	17.07	3.05	2.68	88	2.04	67	--	4H	2W	
17.07	20.12	3.05	2.93	96	0.62	20	--	4H	2W	
20.12	23.16	3.04	2.94	97	2.04	67	--	3H	3W	
23.16	26.21	3.05	2.85	93	1.74	57	--	3H	3W	
26.21	29.26	3.05	2.82	92	1.94	64	--	3H	2W	
29.26	32.31	3.05	2.97	97	1.95	64	--	3H	2W	
32.31	35.36	3.05	3	98	2.54	83	--	3H	2W	
35.36	38.40	3.04	3.04	100	1.72	57	--	3H	3W	
38.40	41.45	3.05	2.93	96	1.85	61	--	3H	2W	
41.45	44.50	3.05	2.85	93	1.09	36	--	2H	3W	
44.50	47.55	3.05	3	98	1.18	39	--	3H	3W	
47.55	50.59	3.04	2.89	95	1.36	45	--	3H	2W	
50.59	53.64	3.05	3.05	100	1.64	54	--	4H	2W	
53.64	56.69	3.05	2.9	95	0.62	20	--	4H	2W	
56.69	59.74	3.05	3.05	100	1.96	64	--	2H	3W	
59.74	62.79	3.05	3.05	100	0.44	14	--	2H	2W	
62.79	65.84	3.05	2.89	95	1.19	39	--	4H	2W	
65.84	68.88	3.04	3.02	99	2.27	75	--	3H	2W	
68.88	71.93	3.05	2.79	91	1.56	51	--	3H	2W	
71.93	74.98	3.05	3.05	100	0.65	21	--	3H	1W	
74.98	78.03	3.05	3.02	99	1.30	43	--	2H	1W	
78.03	81.08	3.05	2.02	66	1.00	33	--	4H	1W	
81.08	84.12	3.04	2.49	82	1.97	65	--	4H	1W	
84.12	87.17	3.05	1.45	48	0.80	26	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.17	90.22	3.05	3.05	100	1.71	56	--	3H	1W	
90.22	93.27	3.05	3.05	100	1.58	52	--	4H	1W	
93.27	96.32	3.05	2.98	98	2.62	86	--	4H	1W	
96.32	99.36	3.04	2.9	95	1.52	50	--	4H	1W	
99.36	102.41	3.05	3	98	2.63	86	--	4H	1W	
102.41	105.46	3.05	2.96	97	2.11	69	--	4H	1W	
105.46	108.51	3.05	2.9	95	1.16	38	--	4H	1W	
108.51	111.56	3.05	2.81	92	1.33	44	--	4H	1W	
111.56	114.60	3.04	2.87	94	1.36	45	--	4H	1W	
114.60	117.65	3.05	3.01	99	2.45	80	--	4H	1W	
117.65	120.70	3.05	3.01	99	1.78	58	--	3H	1W	
120.70	123.75	3.05	2.91	95	1.62	53	--	3H	1W	
123.75	126.80	3.05	2.89	95	2.04	67	--	3H	1W	
126.80	129.84	3.04	2.87	94	1.06	35	--	3H	1W	
129.84	132.89	3.05	2.86	94	1.07	35	--	3H	1W	
132.89	135.94	3.05	2.88	94	0.88	29	--	3H	1W	
135.94	138.99	3.05	3	98	2.00	66	--	2H	1W	
138.99	142.04	3.05	2.83	93	2.11	69	--	3H	1W	
142.04	145.08	3.04	2.98	98	2.13	70	--	4H	1W	
145.08	148.13	3.05	2.9	95	1.75	57	--	4H	1W	
148.13	151.18	3.05	2.83	93	2.12	70	--	4H	1W	
151.18	154.23	3.05	3	98	2.54	83	--	4H	1W	1 occurrence of 35 degree joint
154.23	157.28	3.05	3.03	99	2.69	88	--	3H	1W	
157.28	160.33	3.05	3.05	100	2.76	90	--	4H	1W	
160.33	163.37	3.04	3.04	100	2.50	82	--	4H	1W	
163.37	166.42	3.05	2.98	98	2.25	74	--	3H	1W	
166.42	169.47	3.05	3.05	100	1.77	58	--	3H	1W	
169.47	172.52	3.05	2.93	96	2.43	80	--	3H	1W	
172.52	175.56	3.04	2.99	98	1.91	63	--	3H	1W	
175.56	178.61	3.05	3.01	99	1.90	62	--	3H	1W	
178.61	181.66	3.05	3.05	100	1.85	61	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.66	184.71	3.05	2.88	94	2.13	70	--	4H	1W	
184.71	187.76	3.05	2.78	91	1.51	50	--	3H	1W	
187.76	190.80	3.04	2.85	94	1.47	48	--	3H	1W	
190.80	193.85	3.05	3.05	100	2.25	74	--	3H	1W	
193.85	196.90	3.05	2.93	96	2.45	80	--	3H	1W	
196.90	199.95	3.05	3.05	100	1.91	63	--	4H	1W	
199.95	203.00	3.05	3.05	100	1.94	64	--	4H	1W	
203.00	206.04	3.04	2.97	98	2.77	91	--	4H	1W	
206.04	209.09	3.05	3.03	99	2.51	82	--	4H	1W	EOH

KL-14-182

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	1	GRD	
4	0.768	GRD	
5	2.89	GRD	
6	4.2	GRD	
7	1.29	GRD	
8	3.01	GRD	
9	0.743	GRD	
10	0.9	GRD	
11	7.2	GRD	
12	0.302	GRD	
13	0.272	GRD	
14	0.728	GRD	
15	0.784	GRD	
16	0.303	GRD	
17	0.467	GRD	
18	0.696	GRD	
19	1.16	GRD	
20	3.18	GRD	
21	3.83	GRD	
22	0.296	GRD	
23	0.857	GRD	
24	0.379	GRD	
25	0.989	GRD	
26	0.562	GRD	
27	0.251	GRD	
28	0.43	GRD	
29	0.367	GRD	
30	0.454	GRD	
31	0.332	GRD	
32	0.391	GRD	
33	0.329	GRD	
34	0.689	GRD	
35	0.527	GRD	
36	9.93	GRD	
37	0.276	GRD	
38	0.228	GRD	
39	0.298	GRD	
40	0.312	GRD	
41	0.316	GRD	
42	4.95	GRD	
43	0.293	GRD	
44	1.16	GRD	
45	0.32	GRD	
46	0.365	GRD	
47	0.281	GRD	
48	0.483	GRD	
49	0.288	GRD	
50	22.5	GRD	
51	18.8	GRD	
52	17.7	GRD	
53	5.93	GRD	
54	15.9	GRD	
55	19	GRD	
56	20	GRD	
57	2.54	GRD	
58	0.5	GRD	
59	0.469	GRD	
60	15.9	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	2.39	GRD	
62	16.9	GRD	
63	22.8	GRD	
64	19.3	GRD	
65	7.23	GRD	
66	0.441	GRD	
67	0.404	GRD	
68	0.486	GRD	
69	0.701	GRD	
70	0.298	GRD	
71	0.474	GRD	
72	0.501	GRD	
73	4.6	GRD	
74	9.44	GRD	
75	8.71	GRD	
76	18.6	GRD	
77	13.7	GRD	
78	0.489	GRD	
79	19.7	GRD	
80	11.8	GRD	
81	5.02	GRD	
82	18.9	GRD	
83	14.1	GRD	
84	10.6	GRD	
85	13.5	GRD	
86	11.8	GRD	
87	15.4	GRD	
88	19.8	GRD	
89	0.782	GRD	
90	0.314	GRD	
91	10.2	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
92	1.07	GRD	
93	10.2	GRD	
94	0.383	GRD	
95	0.652	GRD	
96	19.1	GRD	
97	11.4	GRD	
98	10.7	GRD	
99	0.264	GRD	
100	0.883	GRD	
101	22	GRD	
102	17.8	GRD	
103	18.7	GRD	
104	17.6	GRD	
105	0.254	GRD	
106	0.865	GRD	
107	19.4	GRD	
108	20.1	GRD	
109	17.4	GRD	
110	19.8	GRD	
111	7.75	GRD	
112	10	GRD	
113	2.58	GRD	
114	17	GRD	
115	16.5	GRD	
116	12.8	GRD	
117	8.79	GRD	
118	2.52	GRD	
119	0.356	GRD	
120	0.43	GRD	
121	0.318	GRD	
122	5.02	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
123	7.67	GRD	
124	0.416	GRD	
125	0.493	GRD	
126	0.639	GRD	
127	9.94	GRD	
128	0.714	GRD	
129	0.401	GRD	
130	0.741	GRD	
131	0.668	GRD	
132	0.382	GRD	
133	0.261	GRD	
134	0.697	GRD	
135	0.445	GRD	
136	5.92	GRD	
137	0.482	GRD	
138	0.321	GRD	
139	0.342	GRD	
140	0.243	GRD	
141	0.592	GRD	
142	12	GRD	
143	12.1	GRD	
144	19.3	GRD	
145	1.21	GRD	
146	12.4	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381617	6889992	1290.51	276.45

ZONE: Western BRX

SECTION:

HOLE: KL-14-183

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 19 - Jul 21, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	34.92	-50	Calculated
276.45	38.3	-51.3	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.1	4.1	CAS
4.1	39.28	35.18	GRD
39.28	75.29	36.01	GRD
75.29	117.79	42.5	GRD
117.79	124.55	6.76	GRD
124.55	126.2	1.65	GRD
126.2	134	7.8	GRD
134	228.5	94.5	GRD
228.5	231.52	3.02	GRD
231.52	232.22	0.7	VEN
232.22	234.63	2.41	GRD
234.63	245.08	10.45	GRD
245.08	255.12	10.04	GRD
255.12	256.39	1.27	GRD
256.39	261.08	4.69	QFP
261.08	261.21	0.13	BXA

SAMPLES	
Numbers:	Q016920 to Q016927, Q926186 to Q926277
Total:	112
Batch:	090, 094, 097, 112
Certificates:	WH14111982, WH14113432, WH14113435, WH14114877

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

261.21	261.49	0.28	VEN
261.49	262.1	0.61	GRD
262.1	276.45	14.35	GRD

Box Log

KL-14-183

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.1	7.3
2	7.3	10.08
3	10.08	13.05
4	13.05	15.92
5	15.92	18.76
6	18.76	21.8
7	21.8	24.69
8	24.69	27.79
9	27.79	30.28
10	30.28	33.32
11	33.32	35.96
12	35.96	38.74
13	38.74	41.96
14	41.96	45.08
15	45.08	47.95
16	47.95	51.06
17	51.06	54.31
18	54.31	57.34
19	57.34	60.2
20	60.2	63.33
21	63.33	66.5
22	66.5	69.65
23	69.65	72.28
24	72.28	75.79
25	75.79	79.05
26	79.05	82.14
27	82.14	85.2
28	85.2	88.37
29	88.37	91.45
30	91.45	94.66
31	94.66	97.79
32	97.79	101.1
33	101.1	104.16
34	104.16	107.35
35	107.35	110.34
36	110.34	113.38
37	113.38	116.55
38	116.55	119.81
39	119.81	123.02
40	123.02	126.15
41	126.15	129.43
42	129.43	132.62
43	132.62	135.56
44	135.56	138.48
45	138.48	141.52
46	141.52	144.59
47	144.59	147.63
48	147.63	150.75
49	150.75	153.78
50	153.78	156.8
51	156.8	160.05
52	160.05	163.18
53	163.18	166.33
54	166.33	169.35
55	169.35	172.49
56	172.49	175.66
57	175.66	178.79
58	178.79	181.83
59	181.83	184.94
60	184.94	188.06
61	188.06	191.32
62	191.32	194.71
63	194.71	197.59
64	197.59	200.67
65	200.67	203.8
66	203.8	206.93
67	206.93	210.25
68	210.25	213.4
69	213.4	216.61
70	216.61	219.78
71	219.78	223.02
72	223.02	226.08
73	226.08	229.04
74	229.04	232.21
75	232.21	235.59
76	235.59	238.34
77	238.34	241.58
78	241.58	244.67
79	244.67	247.3
80	247.3	250.43
81	250.43	253.55
82	253.55	256.87
83	256.87	259.97
84	259.97	264.17
85	264.17	267.51
86	267.51	269.83
87	269.83	273.07
88	273.07	276.15
89	276.15	276.45

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-183									
	22.22	12.9	HQ	GRD	1016.7	617.2	2.7	2.5	Moderate phyllic altered granodiorite with moderate silicification and moderate oxidation.
	24.27	12.8	HQ	GRD	1079.5	676	2.89	2.7	Banded quartz-ankerite-calcite with brecciated textures and veinlets of limonite and goethite plus blebby and disseminated goethite and limonite and blebby pyrite.
	72.12	11.8	HQ	GRD	980.4	604.6	2.84	2.6	Weak argillic altered granodiorite with moderate chloritization and trace pottassic overprint with weak silicification.
	120.8	5.3	HQ	GRD	440.6	276.6	2.84	2.7	Strong phyllic altered granodiorite with moderate hematization and disseminated pyrite.
	125.18	11.4	HQ	GRD	1022.5	644	3.07	2.7	Weak chloritized granodiorite with moderate phyllic alteration and weak hematization. Pervasive moderate silicification and blebby hematite.
	131.29	12.9	HQ	GRD	1040.5	628.6	2.76	2.5	Moderate argillic altered granodiorite with trace chloritization, moderate pottassic overprint and weak silicification.
	150.29	15.95	HQ	GRD	1339.8	834.4	2.87	2.7	Moderately chloritized granodiorite with moderate phyllic alteration, trace pottassic overprint and moderate silicification.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	163.78	21.1	HQ	GRD	2199.9	1518.8	3.57	3.2	Quartz-carbonate vein with mossy, cocade, colliform, comb, euhedral (quartz, galena, sphalerite), banded and breccia textures. Hosting sphalerite, galena, pyrite, ankerite and calcite. Surrounded by 5 centimeter on either side of strong phyllic, intensely silicified granodiorite with blebby pyrite.
	202.65	10	HQ	GRD	806.8	498.8	2.76	2.6	Moderate argillic altered granodiorite with weak chloritization, trace hematite staining and strong silicification. Hosts ankerite stringer with moderate phyllic altered halo.
	217.17	12.2	HQ	GRD	1046.7	658.5	2.94	2.7	Moderate phyllic altered granodiorite with weak propalytic overprint and weak silicification. Cut by ankerite-calcite veinlets.
	231.5		HQ	GRD	2026.8	1521	2.82	4.0	Intensely silicified smoky quartz-ankerite-calcite breccia with remnant moderate phyllic granodiorite. Blebby ankerite, calcite, pyrite, sphalerite and disseminated pyrite.
	232.74		HQ	GRD	1818.8	1372.6	3.01	4.1	Milky quartz-calcite-ankerite vein with breccia textures, blebby pyrite, honey brown sphalerite, arsenopyrite, galena and disseminated jamesonite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	233.03	10.95	HQ	GRD	1075	741.2	3.36	3.2	Quartz-ankerite-calcite vein with mossy and brecciated textures hosting disseminated pyrite, galena, jamesonite plus blebby pyrite and sphalerite.
	257.36	10.7	HQ	QFP	956.7	604.3	3.06	2.7	Strongly silicified brecciated quartz feldspar dyke with blebby calcite.
	261.23	32.8	HQ	VEN	4079.4		4.26		Mineralized quartz vein with massive to semi-massive pyrite, intermixed sphalerite, pyrite, arsenopyrite and pyrogenite. Veins and brecciated textures. Blebby calcite throughout. 5 centimeter breccia with sparse mineralization on one end.
	270.66	8.8	HQ	GRD	769	484	2.99	2.7	Moderate-strong phyllic altered granodiorite with moderate silicification cut by ankerite veinlet. Hosts disseminated pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.10	11.94	7.84	GRD	MG	Moderate - strongly oxidized granodiorite. Patchy argillic alteration and phyllic envelopes around quartz carbonate veins. Moderate oxidation along fracture surfaces, with pervasive strong oxidation in alteration zones. Interval is rubbly with argillic alteration the most rubbly and soft.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
									PHC	3I		
11.94	15.79	3.85	GRD	MG	Strongly oxidized alternating patches of moderately silicified phyllic and moderate argillic altered granodiorite. Semi-rubbly. Hosts carbonate +/- quartz vein/veinlets, ~1-2 per meter.							
						MD	OR	PA	ARG	3I		
						LT	WH	RB	PHC	3I		
									OXI	4I		
15.79	18.38	2.59	GRD	MG	Moderate - strongly oxidized granodiorite. Patchy argillic alteration and phyllic envelopes around quartz carbonate veins. Moderate oxidation along fracture surfaces, with pervasive strong oxidation in alteration zones. Interval is rubbly with argillic alteration the most rubbly and soft.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
									PHC	3I		
18.38	25.27	6.89	GRD	MG	Strongly oxidized alternating patches of moderately silicified phyllic and moderate argillic altered granodiorite. Semi-rubbly. Hosts carbonate +/- quartz vein/veinlets, ~1-2 per meter.							
						MD	OR	PA	ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH	RB	PHC	3I		
									OXI	4I		
25.27	26.22	0.95	GRD	MG	Moderate - strongly oxidized granodiorite. Patchy argillic alteration and phyllic envelopes around quartz carbonate veins. Moderate oxidation along fracture surfaces, with pervasive strong oxidation in alteration zones. Interval is rubbly with argillic alteration the most rubbly and soft.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
									PHC	3I		
26.22	28.70	2.48	GRD	MG	Strongly oxidized alternating patches of moderately silicified phyllic and moderate argillic altered granodiorite. Semi-rubbly. Hosts carbonate +/- quartz vein/veinlets, ~1-2 per meter.							
						MD	OR	PA	ARG	3I		
						LT	WH	RB	PHC	3I		
									OXI	4I		
28.70	39.28	10.58	GRD	MG	Moderate - strongly oxidized granodiorite. Patchy argillic alteration and phyllic envelopes around quartz carbonate veins. Moderate oxidation along fracture surfaces, with pervasive strong oxidation in alteration zones. Interval is rubbly with argillic alteration the most rubbly and soft.							
						MD	GY	PA	OXI	4I		
						MD	OR		ARG	3I		
						LT	GY	RB	OXI	3I		
									PHC	3I		
39.28	58.98	19.70	GRD	MG	Trace potassic/propyllitic altered granodiorite. Weak to moderately oxidized along fracture surfaces, oxidation intensity decreases with depth.							
						MD	GY		OXI	2I		
						MD	PK		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		POT	1I		
									PRO	1I		
58.98	59.98	1.00	GRD	MG	Moderately silicified phyllic envelope around a carbonate/chlorite vein. Phyllic altered has a salmon colored overprint (potassic?). Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		POT	2I		
						LT	GN	EN	PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
59.98	70.20	10.22	GRD	MG	Trace potassic/propyllitic altered granodiorite. Weak to moderately oxidized along fracture surfaces, oxidation intensity decreases with depth.							
						MD	GY		OXI	2I		
						MD	PK		OXI	3I		
						DK	GN		POT	1I		
									PRO	1I		
70.20	71.20	1.00	GRD	MG	Moderately silicified phyllic/propyllitic envelope around a quartz carbonate veinlet.							
						LT	GN	EN	SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		
71.20	72.08	0.88	GRD	MG	Trace potassic/propyllitic altered granodiorite. Weak to moderately oxidized along fracture surfaces, oxidation intensity decreases with depth.							
						MD	PK		OXI	3I		
						MD	GY		OXI	2I		
						DK	GN		POT	1I		
									PRO	1I		
72.08	73.15	1.07	GRD	MG	Moderately silicified phyllic/propyllitic envelope around a quartz carbonate veinlet.							
						LT	GN	EN	SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
73.15	75.29	2.14	GRD	MG	Trace potassic/propyllitic altered granodiorite. Weak to moderately oxidized along fracture surfaces, oxidation intensity decreases with depth.							
						MD	GY		OXI	2I		
						MD	PK		OXI	3I		
						DK	GN		POT	1I		
									PRO	1I		
75.29	89.03	13.74	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
89.03	90.72	1.69	GRD	MG	Moderately silicified phyllic envelope around a quartz vein with patchy moderate propyllitic alteration.							
						LT	GN	EN	PHC	3I		
						DK	GN	PA	PRO	3I		
									SIL	3I		
90.72	96.70	5.98	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. ~1 carbonate veinlet per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
96.70	98.75	2.05	GRD	MG	Moderately silicified phyllic/propyllitic envelope around a mineralized gouge vein.							
						MD	GN	EN	SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		
98.75	117.79	19.04	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. ~1 carbonate veinlet per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PRO	2I		
117.79	124.55	6.76	GRD	MG	Alternating patches of weakly hematized moderately phyllic altered granodiorite and moderately hematized, phyllic overprinted argillic alteration. Phyllic alteration hosts disseminated pyrite.							
						MD	PU		PHC	3I		
						MD	GN		PHC	2I		
						LT	WH	PA	HEM	3I	Py	1
						LT	GN		HEM	2I		
						DK	RD		ARG	3I		
124.55	125.00	0.45	GRD	MG	Patchy silicified bleached propyllitic/potassic/argillic altered granodiorite hosting blebby hematite.							
						LT	WH	PA	SIL	3I		
						LT	GN		ARG	3I		
						LT	PK		PRO	3I		
									POT	3I		
125.00	125.10	0.10	QFP	FG	Rubbly pale light red/green quartz feldspar porphyry dykelet(?).							
						LT	RD	RB				
						LT	GN					
125.10	126.20	1.10	GRD	MG	Patchy silicified bleached propyllitic/potassic/argillic altered granodiorite hosting blebby hematite.							
						LT	GN		ARG	3I		
						LT	PK		PRO	3I		
						LT	WH		SIL	3I		
									POT	3I		
126.20	134.00	7.80	GRD	MG	Moderately argillic alteration with a weak potassic and moderate to strong potassic overprint. Small moderate phyllic envelopesaround quartz carbonate veins/veinlets, ~1 per 2 meters.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	PK		POT	4I		
134.00	136.08	2.08	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN					
136.08	137.65	1.57	GRD	MG	Small moderate phyllic envelope around quartz/carbonate vein. Phyllic alteration transitions to moderate potassic overprinted moderate argillic alteration.							
						MD	PK		PRO	3I		
						LT	WH	EN	POT	3I		
137.65	147.85	10.20	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	PK					
						MD	GY		POT	2I		
						DK	GN		PRO	2I		
147.85	148.65	0.80	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate vein.							
						MD	GN		PHC	3I		
						LT	GN	EN	SIL	3I		
148.65	150.00	1.35	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	GY		POT	2I		
						MD	PK					
						DK	GN		PRO	2I		
150.00	156.74	6.74	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration and potassic/propyllitic alteration. Phyllic alteration hosts multiple quartz carbonate veinlets.							
						MD	PK		ARG	3I		
						LT	GN	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
						DK	GN		POT	3I		
									PRO	3I		
156.74	163.34	6.60	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	PK					
						MD	GY		POT	2I		
						DK	GN		PRO	2I		
165.10	194.85	29.75	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	PK					
						MD	GY		POT	2I		
						DK	GN		PRO	2I		
194.85	196.51	1.66	GRD	MG	Moderately silicified phyllic envelope around a quartz/ankerite breccia. Phyllic alteration transitions to moderate propyllitic/potassic alteration distally form breccia.							
						MD	GN		PHC	3I		
						MD	PK		POT	3I		
						LT	GN	EN	SIL	3I		
						DK	GN		PRO	3I		
196.51	200.10	3.59	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	GY		POT	2I		
						MD	PK					
						DK	GN		PRO	2I		
200.10	203.80	3.70	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration and potassic/propyllitic alteration. Phyllic alteration hosts multiple quartz carbonate veinlets.							
						MD	PK		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
						LT	GN		SIL	3I		
						DK	GN		POT	3I		
									PRO	3I		
203.80	208.85	5.05	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	GY		POT	2I		
						MD	PK					
						DK	GN		PRO	2I		
208.85	210.94	2.09	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate vein.							
						MD	GN		PHC	3I		
						LT	GN	EN	SIL	3I		
210.94	213.17	2.23	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	GY		POT	2I		
						MD	PK					
						DK	GN		PRO	2I		
213.17	218.20	5.03	GRD	MG	Alternating patches of moderately silicified phyllic/propyllitic alteration and potassic/propyllitic overprinted argillic alteration. Phyllic alteration host multiple quartz/carbonate veins.							
						MD	PK		ARG	3I		
						LT	WH		PHC	3I		
						LT	GN		POT	3I		
						DK	GN		PRO	2I		
218.20	225.40	7.20	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	PK					
						MD	GY		POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
225.40	226.00	0.60	GRD	MG	Moderately silicified strong phyllic envelope around a quartz/sulphide vein. Hosts disseminated pyrite.							
						MD	GN	EN	SIL	3I	Py	1
						MD	GY		PHC	4I		
226.00	228.50	2.50	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						MD	GY		POT	2I		
						MD	PK					
						DK	GN		PRO	2I		
228.50	231.52	3.02	GRD	MG	Moderately silicified, moderate-strong phyllic altered granodiorite. Patchy moderate propyllitic potassic alteration. Hosts multiple quartz/sulphide veins. Strong phyllic alteration hosts disseminated pyrite.							
						MD	PK		PRO	3I		
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	3I	Py	1
						DK	GN		PHC	4I		
									POT	3I		
231.52	232.22	0.70	VEN	--	Banded and minorly brecciated grey to smokey quartz/tan ankerite vein hosting disseminated pyrite, jamesonite, sphalerite and galena. Some of the grey quartz is vuggy. Silicified phyllic granodiorite clasts. Tan ankerite brecciates quartz in places.							
								BX			Sp	2
								BN			Py	2
											Gn	1
											Jm	1
232.22	234.63	2.41	GRD	MG	Moderately silicified, moderate-strong phyllic altered granodiorite. Patchy moderate propyllitic potassic alteration. Hosts multiple quartz/sulphide veins. Strong phyllic alteration hosts disseminated pyrite.							
						MD	GN		PHC	3I		
						MD	PK		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	SIL	3I	Py	1
						DK	GN		PHC	4I		
									POT	3I		
234.63	245.08	10.45	GRD	MG	Alternating patches of moderately silicified phyllic alteration, weak potassic/propyllitic overprinted argillic alteration and moderate potassic/propyllitic alteration.							
						MD	PK		POT	2I		
						LT	GN	PA	SIL	3I		
						LT	WH		POT	3I		
						DK	GN		PHC	3I		
									PRO	2I		
									PRO	3I		
245.08	247.50	2.42	GRD	MG	Moderately silicified weak-moderate potassic/propyllitic altered granodiorite. Patches of rubbly potassic/propyllitic overprinted moderate argillic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		PRO	3I		
						LT	WH		ARG	3I		
						DK	GN		POT	3I		
247.50	250.37	2.87	GRD	MG	Alternating patches of silicified phyllic/potassic alteration, potassic/propyllitic overprinted argillic alteration and potassic/propyllitic altered granodiorite.							
						MD	PK		PHC	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		POT	3I		
						DK	GN		PRO	3I		
									ARG	3I		
250.37	255.12	4.75	GRD	MG	Moderately silicified weak-moderate potassic/propyllitic altered granodiorite. Patches of rubbly potassic/propyllitic overprinted moderate argillic altered granodiorite.							
						MD	PK		PRO	3I		
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	3I		
						DK	GN		POT	3I		
255.12	256.39	1.27	GRD	MG	Moderate phyllic/propyllitic alteration with patchy weak potassic/propyllitic overprinted argillic altered granodiorite.							
						MD	PK		PRO	3I		
						LT	GN		PHC	3I		
						LT	WH		POT	2I		
						DK	GN		PRO	2I		
									ARG	3I		
256.39	257.28	0.89	QFP	FG	Light grey quartz feldspar porphyry dyke.							
						LT	GY					
257.28	257.52	0.24	QFP	FG	Intensely silicified medium grey quartz feldspar porphyry dyke.							
						MD	GY		SIL	5I		
257.52	258.81	1.29	QFP	FG	Patchy light tan and dark red quartz feldspar porphyry dyke.							
						LT	TN	PA				
						DK	RD					
258.81	259.97	1.16	QFP	FG	Silicified grey/green quartz feldspar porphyry dyke. Cross-cut by carbonate stringers.							
						MD	GY		SIL	3I		
						MD	GN					
259.97	261.08	1.11	QFP	FG	Patchy gouge altered light grey/green quartz feldspar porphyry dyke.							
						LT	GY					
						LT	GN					
261.08	261.21	0.13	BXA	FG	Medium grey silicified contact breccia with light grey/green quartz feldspar porphyry dyke clasts. Hosts disseminated pyrite.							
						MD	GY				Py	1
261.21	261.49	0.28	VEN	--	Grey quartz/massive sulphide vein. Hosts blebby to massive pyrite, disseminated to blebby arsenopyrite, sphalerite and chalcopyrite and pyrargyrite and disseminated galena.							
											Py	50
											As	5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Sp	10
											Cp	3
											Gn	1
											Pg	6
261.49	262.10	0.61	GRD	MG	Weak to moderately phyllic altered granodiorite with patchy moderate potassic/propyllitic alteration.							
						MD	PK		PRO	3I		
						LT	GN		PHC	3I		
						DK	GN		PHC	2I		
									POT	2I		
262.10	270.45	8.35	GRD	MG	Moderate potassic/propyllitic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration.							
						MD	GY	PA	POT	3I		
						MD	PK		ARG	3I		
						DK	GN		PRO	3I		
270.45	271.79	1.34	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration. Phyllic alteration hosts multiple quartz/carbonate veins.							
						MD	PK		POT	2I		
						LT	GN		SIL	3I		
						LT	GY		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
271.79	274.17	2.38	GRD	MG	Moderate potassic/propyllitic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration.							
						MD	GY	PA	POT	3I		
						MD	PK		ARG	3I		
						DK	GN		PRO	3I		
274.17	275.17	1.00	GRD	MG	Moderate phyllic envelope around a quartz/carbonate vein.							
						LT	GN	EN	PHC	3I		
275.17	276.45	1.28	GRD	MG	Moderate potassic/propyllitic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PA	POT	3I		
						MD	PK		ARG	3I		
						DK	GN		PRO	3I		

KL-14-183

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.10	39.28	35.18	GRD	MG	Moderate - strongly oxidized granodiorite. Patchy argillic alteration and phyllic envelopes around quartz carbonate veins. Moderate oxidation along fracture surfaces, with pervasive strong oxidation in alteration zones. Interval is rubbly with argillic alteration the most rubbly and soft.							
						LT	GY	PA	OXI	3I		
									PHC	3I		
						MD	OR		ARG	3I		
						MD	GY	RB	OXI	4I		
39.28	75.29	36.01	GRD	MG	Trace potassic/propyllitic altered granodiorite. Weak to moderately oxidized along fracture surfaces, oxidation intensity decreases with depth.							
									POT	1I		
						MD	OR		OXI	3I		
						MD	GY		OXI	2I		
									PRO	1I		
75.29	117.79	42.50	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. ~1 carbonate veinlet per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
117.79	124.55	6.76	GRD	MG	Alternating patches of weakly hematized moderately phyllic altered granodiorite and moderately hematized, phyllic overprinted argillic alteration. Phyllic alteration hosts disseminated pyrite.							
						LT	WH	PA	HEM	3I	Py	1
						MD	PU		PHC	3I		
						DK	RD		ARG	3I		
						MD	GN		PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		HEM	2I		
124.55	126.20	1.65	GRD	MG	Patchy silicified bleached propyllitic/potassic/argillic altered granodiorite hosting blebby hematite.							
									POT	3I		
						LT	GN	PA	SIL	3I	He	3
						LT	PK		PRO	3I		
						LT	WH		ARG	3I		
126.20	134.00	7.80	GRD	MG	Moderately argillic alteration with a weak potassic and moderate to strong potassic overprint. Small moderate phyllic envelopesaround quartz carbonate veins/veinlets, ~1 per 2 meters.							
						DK	PK		POT	4I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						MD	PK		POT	3I		
134.00	228.50	94.50	GRD	MG	Weak potassic/propyllitic altered granodiorite. Small phyllic envelope around quartz/.carbonate veins/veinlets, ~1 per 2 meters.							
						DK	GN					
						MD	GY					
						MD	PK					
228.50	231.52	3.02	GRD	MG	Moderately silicified, moderate-strong phyllic altered granodiorite. Patchy moderate propyllitic potassic alteration. Hosts multiple quartz/sulphide veins. Strong phyllic alteration hosts disseminated pyrite.							
						DK	GN		PHC	4I		
						MD	PK		PRO	3I		
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	3I	Py	1
									POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
231.52	232.22	0.70	VEN	--	Banded and minorly brecciated grey to smokey quartz/tan ankerite vein hosting disseminated pyrite, jamesonite, sphalerite and galena. Some of the grey quartz is vuggy. Silicified phyllic granodiorite clasts. Tan ankerite brecciates quartz in places.							
								BN			Py	2
								BX			Sp	2
											Gn	1
											Jm	1
232.22	234.63	2.41	GRD	MG	Moderately silicified, moderate-strong phyllic altered granodiorite. Patchy moderate propyllitic potassic alteration. Hosts multiple quartz/sulphide veins. Strong phyllic alteration hosts disseminated pyrite.							
						LT	GN	PA	SIL	3I	Py	1
						MD	GN		PHC	3I		
									POT	3I		
						DK	GN		PHC	4I		
						MD	PK		PRO	3I		
234.63	245.08	10.45	GRD	MG	Alternating patches of moderately silicified phyllic alteration, weak potassic/propyllitic overprinted argillic alteration and moderate potassic/propyllitic alteration.							
									PRO	2I		
						DK	GN		PHC	3I		
						LT	WH		POT	3I		
									PRO	3I		
						MD	PK		POT	2I		
						LT	GN	PA	SIL	3I		
245.08	255.12	10.04	GRD	MG	Moderately silicified weak-moderate potassic/propyllitic altered granodiorite. Patches of rubbly potassic/propyllitic overprinted moderate argillic altered granodiorite.							
						LT	WH		ARG	3I		
						MD	GY		SIL	3I		
						DK	GN		PRO	3I		
						MD	PK		POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
255.12	256.39	1.27	GRD	MG	Moderate phyllic/propyllitic alteration with patchy weak potassic/propyllitic overprinted argillic altered granodiorite.							
									ARG	3I		
						DK	GN		PRO	2I		
						LT	WH		POT	2I		
						LT	GN		PHC	3I		
						MD	PK		PRO	3I		
256.39	261.08	4.69	QFP	FG	Grey. Light tan, dark red, and grey/green quartz feldspar porphyry dyke. Cross-cut by white carbonate veinlets and stringers of varying orientations .Upper contact is undulating and oriented at 80 TCA and the lower contact is oriented at 70 TCA.							
						DK	RD					
						MD	GY					
						LT	GY					
						LT	GN					
						MD	GN					
						LT	TN					
261.08	261.21	0.13	BXA	FG	Medium grey silicified contact breccia with light grey/green quartz feldspar porphyry dyke clasts. Hosts disseminated pyrite.							
						MD	GY				Py	1
261.21	261.49	0.28	VEN	--	Grey quartz/massive sulphide vein. Hosts blebby to massive pyrite, disseminated to blebby arsenopyrite, sphalerite and chalcopyrite and pyrargyrite and disseminated galena.							
											Gn	1
											Pg	6
											Cp	3
											Sp	10
											As	5
											Py	50
261.49	262.10	0.61	GRD	MG	Weak to moderately phyllic altered granodiorite with patchy moderate potassic/propyllitic alteration.							
						DK	GN		PHC	2I		
						MD	PK		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
						LT	GN		PHC	3I		
262.10	276.45	14.35	GRD	MG	Moderate potassic/propyllitic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration.							
						MD	GY	PA	POT	3I		
						DK	GN		PRO	3I		
						MD	PK		ARG	3I		

KL-14-183

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.10	4.10	0	0	0.00	0	--	--	--	
4.10	5.18	1.08	0.93	86	0.12	11	--	3H	2W	
5.18	8.23	3.05	2.63	86	1.12	37	--	3H	2W	
8.23	11.28	3.05	2.66	87	0.81	27	--	3H	3W	
11.28	14.33	3.05	2.64	87	0.64	21	--	3H	3W	
14.33	17.37	3.04	2.99	98	2.15	71	--	3H	3W	
17.37	20.42	3.05	2.86	94	1.46	48	--	3H	3W	
20.42	23.47	3.05	2.93	96	1.49	49	--	2H	3W	
23.47	26.52	3.05	2.74	90	1.58	52	--	3H	3W	
26.52	29.57	3.05	2.7	89	0.77	25	--	3H	3W	
29.57	32.61	3.04	2.81	92	0.79	26	--	3H	3W	
32.61	35.66	3.05	2.99	98	0.94	31	--	4H	2W	
35.66	38.71	3.05	2.8	92	0.66	22	--	4H	3W	
38.71	41.76	3.05	2.96	97	1.49	49	--	4H	2W	
41.76	44.81	3.05	3	98	1.88	62	--	4H	2W	
44.81	47.85	3.04	2.98	98	1.05	35	--	4H	2W	
47.85	50.90	3.05	2.65	87	1.49	49	--	4H	2W	
50.90	53.95	3.05	2.95	97	2.15	70	--	4H	2W	
53.95	57.00	3.05	3.02	99	2.30	75	--	4H	2W	
57.00	60.05	3.05	3	98	1.82	60	--	4H	2W	
60.05	63.09	3.04	2.92	96	2.18	72	--	4H	2W	
63.09	66.14	3.05	2.85	93	2.37	78	--	4H	2W	
66.14	69.19	3.05	3.05	100	1.57	51	--	4H	2W	
69.19	72.24	3.05	3.01	99	2.15	70	--	3H	1W	
72.24	75.29	3.05	2.78	91	1.66	54	--	4H	1W	
75.29	78.33	3.04	2.9	95	2.20	72	--	3H	1W	
78.33	81.38	3.05	3.05	100	2.28	75	--	4H	1W	
81.38	84.43	3.05	2.98	98	1.79	59	--	4H	1W	
84.43	87.48	3.05	2.95	97	2.23	73	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3	98	2.78	91	--	3H	1W	
90.53	93.57	3.04	3	99	2.87	94	--	4H	1W	
93.57	96.62	3.05	2.97	97	1.77	58	--	4H	1W	
96.62	99.67	3.05	2.9	95	2.01	66	--	3H	1W	
99.67	102.72	3.05	3.05	100	2.31	76	--	4H	1W	
102.72	105.77	3.05	2.91	95	2.63	86	--	4H	1W	
105.77	108.81	3.04	3.04	100	2.13	70	--	4H	1W	
108.81	111.86	3.05	3	98	1.68	55	--	4H	1W	
111.86	114.91	3.05	3.05	100	1.41	46	--	4H	1W	
114.91	117.96	3.05	2.91	95	1.47	48	--	4H	1W	
117.96	121.01	3.05	2.88	94	1.42	47	--	3H	1W	
121.01	124.05	3.04	2.93	96	2.43	80	--	2H	1W	
124.05	127.10	3.05	2.93	96	1.75	57	--	3H	1W	
127.10	130.15	3.05	2.86	94	2.39	78	--	3H	1W	
130.15	133.20	3.05	2.92	96	2.20	72	--	3H	1W	
133.20	136.24	3.04	2.83	93	1.00	33	--	3H	1W	
136.24	139.29	3.05	3.01	99	1.60	52	--	3H	1W	
139.29	142.34	3.05	2.95	97	1.33	44	--	4H	1W	
142.34	145.39	3.05	3.05	100	2.43	80	--	4H	1W	
145.39	148.44	3.05	2.95	97	2.08	68	--	4H	1W	
148.44	151.49	3.05	2.91	95	1.48	49	--	3H	1W	
151.49	154.53	3.04	2.94	97	2.05	67	--	3H	1W	
154.53	157.58	3.05	3.02	99	2.48	81	--	3H	1W	
157.58	160.63	3.05	2.93	96	2.81	92	--	4H	1W	
160.63	163.68	3.05	3.05	100	2.27	74	--	4H	1W	
163.68	166.73	3.05	2.96	97	1.82	60	--	3H	1W	
166.73	169.77	3.04	3.04	100	1.64	54	--	4H	1W	
169.77	172.82	3.05	2.93	96	2.06	68	--	4H	1W	
172.82	175.87	3.05	2.97	97	2.15	70	--	4H	1W	
175.87	178.92	3.05	3.02	99	1.51	50	--	4H	1W	
178.92	181.97	3.05	3	98	2.29	75	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.92	96	2.92	96	--	4H	1W	
185.01	188.06	3.05	3.05	100	2.64	87	--	4H	1W	
188.06	191.11	3.05	3	98	2.62	86	--	4H	1W	
191.11	194.16	3.05	2.83	93	1.96	64	--	4H	1W	
194.16	197.21	3.05	3.05	100	1.86	61	--	4H	1W	
197.21	200.25	3.04	2.85	94	1.68	55	--	3H	1W	
200.25	203.30	3.05	3.05	100	2.25	74	--	3H	1W	
203.30	206.35	3.05	3.05	100	2.60	85	--	4H	1W	
206.35	209.40	3.05	3.05	100	2.67	88	--	4H	1W	
209.40	212.45	3.05	3.05	100	2.58	85	--	4H	1W	
212.45	215.49	3.04	3.02	99	2.77	91	--	3H	1W	
215.49	218.54	3.05	2.99	98	2.11	69	--	4H	1W	
218.54	221.59	3.05	3.05	100	2.07	68	--	4H	1W	
221.59	224.64	3.05	3.05	100	2.16	71	--	4H	1W	
224.64	227.69	3.05	3.05	100	1.54	50	--	3H	1W	
227.69	230.73	3.04	2.92	96	1.58	52	--	3H	1W	
230.73	233.78	3.05	3.05	100	2.51	82	--	4H	1W	
233.78	236.83	3.05	3.02	99	2.32	76	--	4H	1W	
236.83	239.88	3.05	3.05	100	2.56	84	--	4H	1W	
239.88	242.93	3.05	3.05	100	2.74	90	--	3H	1W	
242.93	245.97	3.04	3.04	100	2.69	88	--	3H	1W	
245.97	249.02	3.05	3.05	100	0.95	31	--	3H	1W	
249.02	252.07	3.05	2.94	96	1.70	56	--	3H	1W	
252.07	255.12	3.05	3.04	100	2.24	73	--	3H	1W	
255.12	258.17	3.05	2.92	96	2.47	81	--	3H	1W	
258.17	261.21	3.04	3.03	100	1.60	53	--	2H	1W	
261.21	264.26	3.05	3.05	100	2.95	97	--	4H	1W	
264.26	267.31	3.05	2.99	98	2.45	80	--	4H	1W	
267.31	270.36	3.05	2.99	98	2.44	80	--	4H	1W	
270.36	273.41	3.05	2.96	97	2.10	69	--	3H	1W	
273.41	276.45	3.04	3.04	100	1.97	65	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	7.28	GRD	
6	3.57	GRD	
7	13.2	GRD	
8	13.7	GRD	
9	6.09	GRD	
10	3.99	GRD	
11	0.31	GRD	
12	1.15	GRD	
13	1.3	GRD	
14	0.412	GRD	
15	1.65	GRD	
16	5.85	GRD	
17	0.267	GRD	
18	0.27	GRD	
19	0.211	GRD	
20	0.182	GRD	
21	0.195	GRD	
22	0.172	GRD	
23	1.59	GRD	
24	0.396	GRD	
25	4.09	GRD	
26	4.01	GRD	
27	0.392	GRD	
28	0.207	GRD	
29	7.37	GRD	
30	8.68	GRD	
31	11.3	GRD	
32	12.8	GRD	
33	15.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	13.1	GRD	
35	13	GRD	
36	0.751	GRD	
37	14.2	GRD	
38	15.6	GRD	
39	11.3	GRD	
40	13.7	GRD	
41	9.22	GRD	
42	13	GRD	
43	6.36	GRD	
44	13.5	GRD	
45	16.5	GRD	
46	15.8	GRD	
47	11.2	GRD	
48	16.9	GRD	
49	17.9	GRD	
50	18.6	GRD	
51	17.7	GRD	
52	16.5	GRD	
53	17	GRD	
54	15.2	GRD	
55	17.9	GRD	
56	12	GRD	
57	12.9	GRD	
58	14.7	GRD	
58	3.68	GRD	
60	21	GRD	
61	21.8	GRD	
62	19.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	17.4	GRD	
64	19.1	GRD	
65	21.2	GRD	
66	18.2	GRD	
67	22.6	GRD	
68	1.48	GRD	
69	14.5	GRD	
70	0.847	GRD	
71	1.4	GRD	
72	8.07	GRD	
73	0.533	GRD	
74	20.9	GRD	
75	16.1	GRD	
76	19.2	GRD	
77	0.565	GRD	
78	14.4	GRD	
79	6.49	GRD	
80	0.544	GRD	
81	20	GRD	
82	0.726	GRD	
83	20.4	GRD	
84	1.19	GRD	
85	0.572	GRD	
86	19.3	GRD	
87	18.7	GRD	
88	20.1	GRD	
89	0.493	GRD	
90	0.385	GRD	
91	4.46	GRD	
92	13.5	GRD	
93	11.8	GRD	
94	15.6	GRD	
95	28.7	GRD	
96	7.38	GRD	
97	1.02	GRD	
98	0.694	GRD	
99	14.7	GRD	
100	13.2	GRD	
101	15.5	GRD	
102	13.4	GRD	
103	4.25	GRD	
104	4.98	GRD	
105	15.2	GRD	
106	16.6	GRD	
107	9.38	GRD	
108	0.9	GRD	
109	15.4	GRD	
110	10.7	GRD	
111	16.4	GRD	
112	19.1	GRD	
113	17.8	GRD	
114	0.462	GRD	
115	11.9	GRD	
116	0.515	GRD	
117	1.63	GRD	
118	0.797	GRD	
119	0.458	GRD	
120	0.507	GRD	
121	0.459	GRD	
122	0.494	GRD	
123	0.69	GRD	
124	0.419	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	0.472	GRD	
126	0.455	GRD	
127	0.421	GRD	
128	0.638	GRD	
129	0.622	GRD	
130	0.826	GRD	
131	0.683	GRD	
132	2.01	GRD	
133	0.374	GRD	
134	17.6	GRD	
134	17.6	GRD	
135	0.633	GRD	
136	13.4	GRD	
137	0.5	GRD	
138	16.6	GRD	
139	17.3	GRD	
140	16.1	GRD	
141	1.15	GRD	
142	18	GRD	
143	16	GRD	
144	18.2	GRD	
145	12.1	GRD	
146	13.5	GRD	
147	10.6	GRD	
148	1.1	GRD	
149	10.3	GRD	
150	3.18	GRD	
151	0.379	GRD	
152	0.741	GRD	
153	0.496	GRD	
154	0.505	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
155	0.352	GRD	
156	1.44	GRD	
157	18	GRD	
158	15.8	GRD	
159	17.4	GRD	
160	12.2	GRD	
161	12.9	GRD	
162	13.1	GRD	
163	15.7	GRD	
164	1.78	GRD	
165	0.527	GRD	
166	16.1	GRD	
167	18.5	GRD	
168	1.22	GRD	
169	14.1	GRD	
170	11	GRD	
171	13.3	GRD	
172	16.9	GRD	
173	16.8	GRD	
174	16.5	GRD	
175	20.6	GRD	
176	13.8	GRD	
177	1.09	GRD	
178	10.8	GRD	
179	10.3	GRD	
180	12.3	GRD	
181	11.6	GRD	
182	6.16	GRD	
183	8.17	GRD	
184	6.65	GRD	
185	12.8	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	13.2	GRD	
187	9.46	GRD	
188	8.22	GRD	
189	6.23	GRD	
190	4.13	GRD	
191	4.61	GRD	
192	6.44	GRD	
193	8.36	GRD	
194	13.7	GRD	
195	0.389	GRD	
196	0.357	GRD	
197	0.835	GRD	
198	12.9	GRD	
199	0.316	GRD	
200	1	GRD	
201	0.282	GRD	
202	0.474	GRD	
203	10.9	GRD	
204	9.04	GRD	
205	0.913	GRD	
206	17	GRD	
207	0.502	GRD	
208	4.18	GRD	
209	0.424	GRD	
210	0.597	GRD	
211	12.1	GRD	
212	9.11	GRD	
213	3.08	GRD	
214	0.469	GRD	
215	0.403	GRD	
216	0.273	GRD	
217	0.404	GRD	
218	0.713	GRD	
219	21	GRD	
220	3.41	GRD	
221	11.6	GRD	
222	13.4	GRD	
223	21	GRD	
224	7.6	GRD	
225	15.4	GRD	
226	7.27	GRD	
227	4.63	GRD	
228	8.92	GRD	
229	0.388	GRD	
230	0.353	GRD	
231	0.358	GRD	
232	1	VEN	
233	0.431	GRD	
234	0.327	GRD	
235	0.507	GRD	
236	0.424	GRD	
237	0.316	GRD	
238	0.416	GRD	
239	0.413	GRD	
240	0.542	GRD	
241	0.51	GRD	
242	0.81	GRD	
243	0.337	GRD	
244	0.949	GRD	
245	9.47	GRD	
246	12.6	GRD	
247	11.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
248	0.766	GRD	
249	5.15	GRD	
250	0.38	GRD	
251	10	GRD	
252	9.68	GRD	
253	1.64	GRD	
254	0.477	GRD	
255	3.64	GRD	
256	0.371	GRD	
257	0.271	QFP	
258	0.453	QFP	
259	0.288	QFP	
260	0.453	QFP	
261	0.274	QFP	
262	0.86	GRD	
263	0.795	GRD	
264	2.63	GRD	
265	7.01	GRD	
266	4.6	GRD	
267	10.4	GRD	
268	7.8	GRD	
269	7.57	GRD	
270	2.51	GRD	
271	0.318	GRD	
272	0.292	GRD	
273	1.95	GRD	
274	1.53	GRD	
275	0.292	GRD	
276	4.32	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382382	6890686	1317.62	203

ZONE: Western Klaza

SECTION:

HOLE: KL-14-184

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 6.1m, Out

Drilling Dates: Jul 20 - Jul 01, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	34.94	-50	Calculated
202.99	40.5	-50	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	6.1	6.1	CAS
6.1	10.81	4.71	GRD
10.81	21.42	10.61	QFP
21.42	29.68	8.26	GRD
29.68	42.05	12.37	GRD
42.05	44.17	2.12	GRD
44.17	80.9	36.73	GRD
80.9	84.68	3.78	GRD
84.68	87.51	2.83	GRD
87.51	96.36	8.85	GRD
96.36	142.87	46.51	GRD
142.87	152.61	9.74	GRD
152.61	155.44	2.83	GRD
155.44	161.18	5.74	GRD
161.18	163.57	2.39	GRD
163.57	178.16	14.59	GRD

SAMPLES	
Numbers:	Q927294 to Q927397
Total:	107
Batch:	092, 095, 096, 098
Certificates:	WH14111984, WH14113433, WH14113434, WH14113436, WH14120882

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

178.16	184.85	6.69	GRD
184.85	190.8	5.95	GRD
190.8	197.05	6.25	GRD
197.05	198.56	1.51	QFP
198.56	203	4.44	GRD

Box Log

KL-14-184

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4	7.06
2	7.06	10.23
3	10.23	13.15
4	13.15	16.25
5	16.25	19.3
6	19.3	22.49
7	22.49	25.65
8	25.65	28.75
9	28.75	31.75
10	31.75	33.25
11	33.25	36.82
12	36.82	39.75
13	39.75	42.05
14	42.05	45.13
15	45.13	48.15
16	48.15	51.27
17	51.27	54.45
18	54.45	57.56
19	57.56	60.76
20	60.76	63.97
21	63.97	66.96
22	66.96	70.01
23	70.01	73.27
24	73.27	76.55
25	76.55	79.73
26	79.73	82.9
27	82.9	85.87
28	85.87	88.85
29	88.85	91.85
30	91.85	94.94
31	94.94	98.22
32	98.22	101.25
33	101.25	104.19
34	104.19	107.29
35	107.29	110.38
36	110.38	113.57
37	113.57	116.67
38	116.67	119.45
39	119.45	122.75
40	122.75	125.98
41	125.98	129.07
42	129.07	132.14
43	132.14	135.24
44	135.24	138.23
45	138.23	141.24
46	141.24	144.37
47	144.37	147.53
48	147.53	150.38
49	150.38	153.06
50	153.06	155.96
51	155.96	158.24
52	158.24	161.48
53	161.48	164.48
54	164.48	167.6
55	167.6	170.55
56	170.55	173.81
57	173.81	176.75
58	176.75	179.62
59	179.62	182.25
60	182.25	185.02
61	185.02	188.19
62	188.19	191.11
63	191.11	194.3
64	194.3	197.1
65	197.1	200.1
66	200.1	203

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-184									
	23.32	19.2	HQ	GRD	1622.3	1007	2.89	2.6	Weak propalytic altered granodiorite with weak pottassic overprint, strongly silicified and weak chloritization. Cut by netted chlorite-calcite veinlets and blebby ankerite.
	33.39	14.1	HQ	GRD	1196	747.2	2.9	2.7	Weak argillic altered granodiorite with moderate silicification. Cut by undulating 0.5 centimeter hemtatite veinlet. Pervasive weak oxidation.
	42.15	7.3	HQ	GRD	609.7	378.2	2.86	2.6	Strongly silicified breccia with moderate oxidation on fractures surfaces and disseminated pyrite.
	147.99	16	HQ	GRD	1395	901.8	2.98	2.8	Moderate propalytic altered granodiorite with moderate silicification. Pervasive blebbs, stringers and veinlets of hematite. Hosting blebby pyrite.
	162.82	12.95	HQ	GRD	1091.2	690.1	2.88	2.7	Smoky quartz silicified breccia with moderate phyllic and trace pottassic clasts.
	163.7	13.4	HQ	GRD	1254.7	838.6	3.2	3.0	Smoky quartz vein with blebby cream coloured calcite, pyrite, honey brown sphalerite and veinlets of galena, arsenopyrite densely disseminated jamesonite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	170.38	18.1	HQ	GRD	1805.2	1212	3.41	3.0	Strong phyllic altered granodiorite with intesne silicification. Hosts blebby and disseminated pyrite and blebby soft acicular tourmaline.
	185.37	8.9	HQ	GRD	731.7	464.5	2.81	2.7	4 centimeter ankerite-calcite-quartz vein with vugs and net textures in moderate phyllic, moderate propalytic altered granodiorite with weak silicification.
	187.52	12.9	HQ	GRD	1106.7	699.6	2.94	2.7	1.7 centimeter smoky - clear quartz vein in strong phyllic, moderate propalytic altered granodiorite with weak silicification and disseminated pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.00	6.10	2.10	GRD	MG	Patchy argillic altered granodiorite around calcite-quartz veinlets. Oxidation is pervasive.							
						MD	BN	RB	OXI	3I		
						LT	WH		ARG	2I		
6.10	10.81	4.71	GRD	MG	Patchy argillic altered granodiorite around calcite-quartz veinlets. Pervasive oxidation. Gouged bottom contact with quartz feldspar porphyry dyke.							
						MD	BN		OXI	4I		
						LT	WH		ARG	3I		
10.81	21.42	10.61	QFP	FG	Medium grey quartz feldspar porphyry dyke with semi-pervasive oxidation from fractures. Cut by calcite veinlets. Phenocrysts are soft. Patchy silicification and pervsive hydrothermal alteration.							
						MD	BN	PO	OXI	2I		
						MD	GY		SIL	1I		
									HYD	4I		
21.42	29.68	8.26	GRD	MG	Granodiorite with patchy propylitic, chloritization, silicification, and potassic alterations. Phyllic-argillic vein halos and fracture-associated. Oxide staniing. Disseminated pyrite in phyllic.							
						MD	GN		PHC	2I		
						LT	BN	PA	OXI	2I	Py	2
						LT	WH		SIL	1I		
						LT	PK		CHL	2I		
									POT	1I		
									ARG	2I		
									PRO	2I		
29.68	42.05	12.37	GRD	MG	Moderate-strongly oxidized granodiorite with fractured-rubble sections and limited gouge. Patchy argillic, propylitic, and silicification. Cut by quartz-calcite veins with blebby-massive specular hematite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	RB	SIL	1I		
						MD	BN	FR	OXI	3I		
						LT	BN	PA	ARG	2I		
									PRO	2I		
42.05	44.17	2.12	GRD	MG	Granodiorite with patchy chlorite (gives a vibrant green colour), argillic, propylitic, and silicification. Weak oxidation on fractures. Cut by few weakly mineralized veins.							
						MD	GN	PA	OXI	2I		
						LT	GN		SIL	1I		
						LT	BN		PRO	2I		
									ARG	1I		
									CHL	1I		
44.17	80.90	36.73	GRD	MG	Pervasive weak propylitic and silicification with patchy potassic and oxidation on fractures. Occasional phyllic-argillic vein halos. Cut by pink aplite dyklets. Dark green-black mafic xenoliths.							
									OXI	1I		
									SIL	1I		
									PRO	2I		
									POT	1I		
80.90	84.68	3.78	GRD	MG	Phyllic-argillic halo on several quartz-carbonate veins/veinlets. Some host pyrite, chalcopyrite, and galena. Cut by smoky quartz breccia.							
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	2I		
84.68	87.51	2.83	GRD	MG	Pervasive weak propylitic and silicification with patchy potassic and oxidation on fractures. Occasional phyllic-argillic vein halos. Cut by pink aplite dyklets. Dark green-black mafic xenoliths.							
						MD	GN		OXI	1I		
						MD	PK		SIL	1I		
									PRO	2I		
									POT	1I		
87.51	96.36	8.85	GRD	MG	Patchy phyllic-argillic vein halos. Patchy potassic and silicification. Trace hematization near prominent chlorite vein at 91.25m. Cut by banded-colloform quartz-carbonate veins and veinlets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	SIL	2I		
						MD	PK		PHC	3I		
						LT	GN		ARG	2I		
									POT	2I		
									HEM	1I		
96.36	118.78	22.42	GRD	MG	Pervasive propylitic/silicification with patchy potassic and argillic.							
						MD	GY		SIL	2I		
						MD	PK		PRO	3I		
						MD	GN		POT	2I		
						LT	WH		ARG	1I		
118.78	124.06	5.28	GRD	MG	Patchy phyllic-argillic vein halos with patchy potassic and silicification. Cut by weakly gouged smoky quartz veins.							
						MD	PK		ARG	2I		
						LT	GN	PA	SIL	1I		
						LT	WH		PHC	2I		
									PRO	2I		
124.06	127.83	3.77	GRD	MG	Pervasive propylitic/silicification with patchy potassic and argillic.							
						MD	GY		PRO	3I		
						MD	PK		POT	2I		
						MD	GN		ARG	1I		
						LT	WH		SIL	2I		
127.83	128.76	0.93	GRD	MG	Pink aplite dyke with high phenocryst density and granodiorite fragments.							
						MD	PK	PO	SIL	3I		
						LT	GN		PRO	2I		
128.76	133.91	5.15	GRD	MG	Pervasive propylitic/silicification with patchy potassic and vein-associated phyllic-argillic alteration.							
						MD	GN	PA	SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		ARG	2I		
						LT	WH		PHC	1I		
									PRO	3I		
									POT	2I		
133.91	134.77	0.86	GRD	MG	Phyllic and silicified halo on massive quartz vein with disseminated-blebby pyrite.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I	Py	2
134.77	138.46	3.69	GRD	MG	Moderate-strong propylitic and silicification on several pink aplite dykes with diffuse boundaries.							
						MD	GN		SIL	3I		
						MD	PK		PRO	3I		
138.46	142.87	4.41	BXA	MG	Brecciated granodiorite with moderate phyllic, silicification, and hematite alteration. Clasts are indistinct, often strongly phyllic and silica altered. Chlorite between clasts. Clast texture is obliterated.							
						MD	RD	BX	PHC	3I		
						LT	GN	PA	SIL	4I		
						LT	WH		HEM	1I		
									CHL	1I		
142.87	146.51	3.64	GRD	MG	Granodiorite with pervasive propylitic, patchy chlorite, hematite, and silicification. Stronger hematization on fracture faces. Blebby specular hematite.							
						MD	RD	PA	SIL	2I	He	1
						MD	GN		PRO	2I		
									CHL	2I		
									HEM	2I		
146.51	152.61	6.10	GRD	MG	Granodiorite with pervasive propylitic, patchy chlorite, hematite, and silicification. Stronger hematization on fracture faces. Blebby specular hematite. Patchy argillic vein halos. Cut by pair of short smoky quartz breccias.							
						MD	RD	PA	SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	2I		
						LT	WH		CHL	2I		
									ARG	2I		
									HEM	2I		
152.61	155.44	2.83	GRD	MG	Weak patchy propylitic, silicified, and hematized granodiorite. Clay and hematite on fractures.							
						MD	RD		PRO	1I		
						MD	GY		SIL	2I		
									HEM	1I		
155.44	161.18	5.74	GRD	MG	Semi-pervasive argillic with patchy phyllic and potassic.							
						LT	PK	PA	ARG	3I		
						LT	WH		PHC	2I		
						LT	GN		POT	3I		
161.18	163.57	2.39	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification.							
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
									POT	2I		
163.57	164.29	0.72	BXA	FG	Dark green-black quartz breccia with sub-rounded phyllic altered granodiorite clasts. Clasts are poorly sorted.							
						MD	GN		PHC	2I		
						DK	GN	BX	SIL	2I		
164.29	169.98	5.69	GRD	MG	Phyllic-argillic vein halos cut by strongly mineralized klaza vein (163.80m), and narrow clay altered smoky quartz veins with pyrite. Patchy disseminated pyrite in vein halos.							
						MD	GN	PA	SIL	1I	Py	1
						LT	GN		PHC	3I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
169.98	178.16	8.18	GRD	MG	Pervasive, texturally destructive phyllic and silicification with patchy argillic and chloritization. Cut by white-grey quartz veins with some white ankerite. Blebby pyrite and tourmaline (black, acicular, radiating, softer than expected) in quartz veins and their halos. Narrow quartz breccia at 175.60m, followed by gouge.							
						MD	GN		PHC	4I	To	1
						LT	GN	PA	SIL	3I	Py	1
									ARG	2I		
									CHL	2I		
178.16	182.67	4.51	GRD	MG	Pervasive propylitic and potassic with vein-associated argillic and patchy silicification. Silicification manifests as blebby white quartz. Red hematization on some fractures.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		
						LT	WH		POT	2I		
									ARG	2I		
									HEM	1I		
182.67	183.52	0.85	GRD	MG	Argillic-phyllic halos on quartz-carbonate veins with disseminated pyrite.							
						MD	RD					
						LT	GN	PA	ARG	3I		
						LT	WH		PHC	2I		
183.52	184.85	1.33	GRD	MG	Weak phyllic on hematite stained quartz veinlets. Patch chlorite and hematite with clay-altered epidote.							
						MD	RD	PA	PHC	2I		
						MD	GN	MO	HEM	2I		
									CHL	1I		
184.85	190.80	5.95	GRD	MG	Granodiorite with patchy propylitic, potassic, silicification, and vein-associated phyllic and argillic. Cut by smoky quartz-carbonate veins with pyrite.							
						MD	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	SIL	1I		
						LT	PK		PRO	2I		
									POT	1I		
190.80	195.42	4.62	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		
									POT	2I		
195.42	196.07	0.65	GRD	MG	Argillic patch with weak potassic and phyllic.							
						MD	PK		PHC	1I		
						LT	WH		ARG	3I		
									POT	2I		
196.07	197.05	0.98	GRD	MG	Granodiorite with pervasive propylitic and potassic alterations.							
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
197.05	198.56	1.51	QFP	FG	Medium maroon quartz feldspar porphyry dyke with sharp contacts. Top contact: α = 60, β = 300. Bottom contact: α = 75, β = 210.							
						MD	MR	PO	HYD	4I		
198.56	199.50	0.94	GRD	MG	Phyllic and potassic alteration at quartz feldspar porphyry contact.							
						MD	PK		PHC	2I		
						LT	GN		SIL	1I		
									POT	2I		
199.50	203.00	3.50	GRD	MG	Granodiorite with pervasive propylitic and potassic.							
						MD	GN		SIL	3I		
						MD	PK		PHC	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
6.10	10.81	4.71	GRD	MG	Patchy argillic altered granodiorite around calcite-quartz veinlets. Pervasive oxidation. Gouged bottom contact with quartz feldspar porphyry dyke.							
						MD	BN		OXI	4I		
						LT	WH		ARG	3I		
10.81	21.42	10.61	QFP	FG	Medium grey quartz feldspar porphyry dyke with semi-pervasive oxidation from fractures. Cut by calcite veinlets. Phenocrysts are soft. Patchy silicification and pervsive hydrothermal alteration.							
						MD	BN	PO	OXI	2I		
						MD	GY		SIL	1I		
									HYD	4I		
21.42	29.68	8.26	GRD	MG	Granodiorite with patchy propylitic, chloritization, silicification, and potassic alterations. Phyllic-argillic vein halos and fracture-associated. Oxide staniing. Disseminated pyrite in phyllic.							
						LT	GN	PA	OXI	2I	Py	2
						LT	WH		SIL	1I		
						LT	PK		CHL	2I		
						MD	GN		PHC	2I		
29.68	42.05	12.37	GRD	MG	Moderate-strongly oxidized granodiorite with fractured-rubble sections and limited gouge. Patchy argillic, propylitic, and silicification. Cut by quartz-calcite veins with blebby-massive specular hematite.							
									PRO	2I		
						MD	BN	PA	OXI	3I		
						LT	BN		ARG	2I		
						MD	GY		SIL	1I		
42.05	44.17	2.12	GRD	MG	Granodiorite with patchy chlorite (gives a vibrant green colour), argillic, propylitic, and silicification. Weak oxidation on fractures. Cut by few weakly mineralized veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	1I		
						MD	GN	PA	OXI	2I		
									ARG	1I		
									CHL	1I		
						LT	BN		PRO	2I		
44.17	80.90	36.73	GRD	MG	Pervasive weak propylitic and silicification with patchy potassic and oxidation on fractures. Occasional phyllic-argillic vein halos. Cut by pink aplite dyklets. Dark green-black mafic xenoliths.							
						LT	BN		PRO	2I		
									POT	1I		
						MD	PK		SIL	1I		
						MD	GN		OXI	1I		
80.90	84.68	3.78	GRD	MG	Phyllic-argillic halo on several quartz-carbonate veins/veinlets. Some host pyrite, chalcopyrite, and galena. Cut by smoky quartz breccia.							
						LT	WH		ARG	2I		
						LT	GN	PA	PHC	3I		
84.68	87.51	2.83	GRD	MG	Pervasive weak propylitic and silicification with patchy potassic and oxidation on fractures. Occasional phyllic-argillic vein halos. Cut by pink aplite dyklets. Dark green-black mafic xenoliths.							
									POT	1I		
						MD	GN		OXI	1I		
						MD	PK		SIL	1I		
									PRO	2I		
87.51	96.36	8.85	GRD	MG	Patchy phyllic-argillic vein halos. Patchy potassic and silicification. Trace hematization near prominent chlorite vein at 91.25m. Cut by banded-colloform quartz-carbonate veins and veinlets.							
						LT	GN		PRO	3I		
									HEM	1I		
						MD	PK		ARG	2I		
						MD	GN	PA	SIL	2I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
96.36	142.87	46.51	GRD	MG	Pervasive propylitic/silicification with patchy potassic and argillic.							
						MD	GN		POT	2I		
						LT	WH		ARG	1I		
						MD	PK		PRO	3I		
						MD	GY		SIL	2I		
142.87	152.61	9.74	GRD	MG	Granodiorite with pervasive propylitic, patchy chlorite, hematite, and silicification. Stronger hematization on fracture faces. Blebby specular hematite.							
									CHL	2I		
						MD	RD	PA	SIL	2I	He	1
						MD	GN		PRO	2I		
									HEM	2I		
152.61	155.44	2.83	GRD	MG	Weak patchy propylitic, silicified, and hematized granodiorite. Clay and hematite on fractures.							
						MD	GY		SIL	2I		
						MD	RD		PRO	1I		
									HEM	1I		
155.44	161.18	5.74	GRD	MG	Semi-pervasive argillic with patchy phyllic and potassic.							
						LT	GN		POT	3I		
						LT	PK	PA	ARG	3I		
						LT	WH		PHC	2I		
161.18	163.57	2.39	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification.							
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
									POT	2I		
163.57	178.16	14.59	GRD	MG	Phyllic-argillic vein halos cut by smoky quartz breccia, strongly mineralized klaza vein (163.80m), and narrow clay altered smoky quartz veins with pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	1I		
						MD	GN	BX	SIL	1I	Py	1
						LT	GN	PA	PHC	3I		
178.16	184.85	6.69	GRD	MG	Pervasive propylitic and potassic with vein-associated argillic and patchy silicification. Silicification manifests as blebby white quartz. Red hematization on some fractures.							
									ARG	2I		
						MD	GN	PA	SIL	2I		
						LT	WH		POT	2I		
									HEM	1I		
						MD	PK	MO	PRO	3I		
184.85	190.80	5.95	GRD	MG	Granodiorite with patchy propylitic, potassic, silicification, and vein-associated phyllic and argillic. Cut by smoky quartz-carbonate veins with pyrite.							
						LT	GN	PA	SIL	1I		
						MD	GN		PHC	3I		
						LT	PK		PRO	2I		
									POT	1I		
									ARG	1I		
190.80	197.05	6.25	GRD	MG	Granodiorite with pervasive propylitic, potassic, and silicification. Rare argillic vein halos.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		
									POT	2I		
									ARG	1I		
197.05	198.56	1.51	QFP	FG	Medium maroon quartz feldspar porphyry dyke with sharp contacts. Top contact: α = 60, β = 300. Bottom contact: α = 75, β = 210.							
						MD	MR	PO	HYD	4I		
198.56	203.00	4.44	GRD	MG	Granodiorite with pervasive propylitic and potassic.							
						MD	GN		SIL	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	3I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.00	4.00	0	0	0.00	0	--	--	--	
4.00	4.88	0.88	0.23	26	0.00	0	--	1H	5W	
4.88	6.10	1.22	1.22	100	0.75	61	--	2H	3W	
6.10	7.92	1.82	1.82	100	1.57	86	--	2H	3W	
7.92	10.97	3.05	2.79	91	2.31	76	--	2H	3W	1 gougy area. None in the rest.
10.97	14.02	3.05	2.8	92	2.19	72	--	2H	2W	
14.02	17.07	3.05	2.85	93	2.39	78	--	3H	2W	
17.07	20.12	3.05	2.79	91	2.44	80	--	4H	2W	
20.12	23.16	3.04	2.75	90	2.09	69	--	4H	2W	
23.16	26.21	3.05	3.04	100	1.89	62	--	3H	3W	
26.21	29.26	3.05	2.98	98	1.86	61	--	4H	2W	
29.26	32.31	3.05	2.38	78	1.63	53	--	3H	3W	
32.31	35.36	3.05	2.04	67	0.46	15	--	1H	4W	
35.36	38.40	3.04	2.58	85	1.11	37	--	3H	3W	
38.40	41.45	3.05	2.2	72	0.43	14	--	1H	4W	
41.45	44.50	3.05	2.94	96	1.75	57	--	3H	3W	
44.50	47.55	3.05	2.93	96	2.32	76	--	4H	2W	
47.55	50.60	3.05	2.29	75	1.57	51	--	3H	2W	
50.60	53.64	3.04	2.79	92	2.49	82	--	4H	2W	
53.64	56.69	3.05	2.93	96	2.70	89	--	4H	2W	other joints, but none repeating.
56.69	59.74	3.05	2.83	93	2.80	92	--	4H	2W	
59.74	62.79	3.05	2.92	96	2.65	87	--	4H	2W	
62.79	65.84	3.05	2.76	90	2.20	72	--	4H	2W	
65.84	68.88	3.04	3	99	2.53	83	--	4H	2W	
68.88	71.93	3.05	2.92	96	2.19	72	--	4H	2W	only two 25 degree joints.
71.93	74.98	3.05	3.03	99	2.13	70	--	4H	2W	
74.98	78.03	3.05	3.03	99	2.13	70	--	4H	2W	
78.03	81.08	3.05	2.86	94	2.26	74	--	4H	2W	
81.08	84.12	3.04	2.88	95	2.39	79	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
84.12	87.17	3.05	2.63	86	1.17	38	--	3H	2W	
87.17	90.22	3.05	2.5	82	1.49	49	--	3H	2W	
90.22	93.27	3.05	2.79	91	2.08	68	--	3H	1W	
93.27	96.32	3.05	2.8	92	2.04	67	--	3H	1W	
96.32	99.36	3.04	2.85	94	1.53	50	--	4H	1W	
99.36	102.41	3.05	2.51	82	0.60	20	--	4H	1W	
102.41	105.46	3.05	2.85	93	2.09	69	--	4H	1W	
105.46	108.51	3.05	2.79	91	1.99	65	--	4H	1W	
108.51	111.56	3.05	2.6	85	1.13	37	--	4H	1W	
111.56	114.60	3.04	2.71	89	0.90	30	--	4H	1W	
114.60	117.65	3.05	2.92	96	2.02	66	--	4H	1W	
117.65	120.70	3.05	2.38	78	0.99	32	--	3H	1W	
120.70	123.75	3.05	2.72	89	2.11	69	--	3H	1W	
123.75	126.80	3.05	2.88	94	1.61	53	--	4H	1W	
126.80	129.84	3.04	2.88	95	1.72	57	--	3H	1W	
129.84	132.89	3.05	2.73	90	1.55	51	--	4H	1W	
132.89	135.94	3.05	2.89	95	1.43	47	--	4H	1W	
135.94	138.99	3.05	2.64	87	1.11	36	--	4H	1W	
138.99	142.04	3.05	2.49	82	0.63	21	--	2H	1W	
142.04	145.09	3.05	2.78	91	1.60	52	--	3H	1W	
145.09	148.13	3.04	2.26	74	1.23	40	--	3H	1W	
148.13	151.18	3.05	2.98	98	1.38	45	--	3H	1W	
151.18	154.23	3.05	2.97	97	1.27	42	--	3H	1W	
154.23	157.28	3.05	2.92	96	1.52	50	--	3H	1W	
157.28	160.32	3.04	2.88	95	1.78	59	--	3H	1W	
160.32	163.37	3.05	3.02	99	2.20	72	--	4H	1W	
163.37	166.42	3.05	2.95	97	2.19	72	--	2H	1W	No repeating joints
166.42	169.47	3.05	2.88	94	1.46	48	--	3H	1W	
169.47	172.52	3.05	2.74	90	1.98	65	--	3H	1W	
172.52	175.56	3.04	2.92	96	1.99	65	--	3H	1W	
175.56	178.61	3.05	2.91	95	1.65	54	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
178.61	181.66	3.05	2.89	95	0.42	14	--	4H	1W	
181.66	184.71	3.05	3	98	1.83	60	--	3H	1W	
184.71	187.76	3.05	2.86	94	2.36	77	--	3H	1W	
187.76	190.80	3.04	3.04	100	2.26	74	--	3H	1W	
190.80	193.85	3.05	2.96	97	2.47	81	--	4H	1W	
193.85	196.90	3.05	2.9	95	1.55	51	--	4H	1W	
196.90	199.95	3.05	2.99	98	2.28	75	--	3H	1W	
199.95	203.00	3.05	2.7	89	1.10	36	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.248	CAS	
6	2.1	CAS	
7	3.1	GRD	
8	0.347	GRD	
9	0.464	GRD	
10	1.32	GRD	
11	0.215	QFP	
12	0.27	QFP	
13	0.289	QFP	
14	0.23	QFP	
15	0.216	QFP	
16	0.492	QFP	
17	0.214	QFP	
18	0.273	QFP	
19	0.34	QFP	
20	0.299	QFP	
21	0.453	QFP	
22	0.423	GRD	
23	0.521	GRD	
24	0.328	GRD	
25	0.253	GRD	
26	0.347	GRD	
27	0.429	GRD	
28	11.2	GRD	
29	0.459	GRD	
30	1.1	GRD	
31	0.303	GRD	
32	0.265	GRD	
33	0.84	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	0.479	GRD	
35	0.336	GRD	
36	0.527	GRD	
37	0.262	GRD	
38	0.28	GRD	
39	0.466	GRD	
40	0.211	GRD	
41	0.518	GRD	
42	0.225	GRD	
43	0.443	GRD	
44	0.295	GRD	
45	0.547	GRD	
46	2.21	GRD	
47	1.85	GRD	
48	0.506	GRD	
49	0.49	GRD	
50	6.38	GRD	
51	5.52	GRD	
52	2	GRD	
53	18.2	GRD	
54	18.5	GRD	
55	19	GRD	
56	20.9	GRD	
57	20.3	GRD	
58	21.1	GRD	
59	24.5	GRD	
60	19.4	GRD	
61	21.5	GRD	
62	4.63	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	14.8	GRD	
64	9.98	GRD	
65	9.89	GRD	
66	2.3	GRD	
67	6.48	GRD	
68	11.5	GRD	
69	14.8	GRD	
70	18.8	GRD	
71	20.1	GRD	
72	21.2	GRD	
73	20.5	GRD	
74	19.5	GRD	
75	21.2	GRD	
76	23.2	GRD	
77	23.3	GRD	
78	21.5	GRD	
79	20	GRD	
80	17.5	GRD	
81	0.582	GRD	
82	0.356	GRD	
83	0.319	GRD	
84	0.347	GRD	
85	14.6	GRD	
86	11.6	GRD	
87	2.72	GRD	
88	0.273	GRD	
89	0.384	GRD	
90	0.72	GRD	
91	0.389	GRD	
92	0.474	GRD	
93	0.551	GRD	
94	1.06	GRD	
95	1.09	GRD	
96	0.411	GRD	
97	18.1	GRD	
98	13.1	GRD	
99	12.6	GRD	
100	0.645	GRD	
101	23.8	GRD	
102	18.8	GRD	
103	17.9	GRD	
104	21.3	GRD	
105	21.1	GRD	
106	19.2	GRD	
107	21	GRD	
108	18	GRD	
109	21.3	GRD	
110	17.6	GRD	
111	0.864	GRD	
112	26.2	GRD	
113	21.5	GRD	
114	2.39	GRD	
115	17.4	GRD	
116	17.9	GRD	
117	7.64	GRD	
118	11.4	GRD	
119	0.559	GRD	
120	0.743	GRD	
121	0.612	GRD	
122	0.656	GRD	
123	0.302	GRD	
124	0.567	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	23.4	GRD	
126	16.9	GRD	
127	0.88	GRD	
128	0.719	GRD	
129	12.7	GRD	
130	0.727	GRD	
131	20.1	GRD	
132	1.13	GRD	
133	10.6	GRD	
134	2.83	GRD	
135	12	GRD	
136	0.302	GRD	
137	1.18	GRD	
138	3.62	GRD	
139	0.664	GRD	
140	0.366	GRD	
141	0.648	GRD	
142	0.528	GRD	
143	0.499	GRD	
144	0.793	GRD	
145	1.2	GRD	
146	1.85	GRD	
147	0.592	GRD	
148	1.42	GRD	
149	2.31	GRD	
150	0.438	GRD	
151	0.404	GRD	
152	0.616	GRD	
153	8.32	GRD	
154	20.8	GRD	
155	20.5	GRD	
156	1.85	GRD	
157	0.288	GRD	
158	0.718	GRD	
159	2.3	GRD	
160	0.368	GRD	
161	1.09	GRD	
162	5.02	GRD	
163	1.51	GRD	
164	0.419	GRD	
165	0.314	GRD	
166	0.188	GRD	
167	0.324	GRD	
168	0.279	GRD	
169	0.251	GRD	
170	0.133	GRD	
171	0.349	GRD	
172	0.281	GRD	
173	0.408	GRD	
174	0.304	GRD	
175	0.326	GRD	
176	0.579	GRD	
177	0.576	GRD	
178	0.58	GRD	
179	6	GRD	
180	4.49	GRD	
181	9.5	GRD	
182	0.78	GRD	
183	0.463	GRD	
184	0.654	GRD	
185	0.379	GRD	
186	0.514	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
187	0.535	GRD	
188	0.349	GRD	
189	0.235	GRD	
190	0.344	GRD	
191	3.21	GRD	
192	2	GRD	
193	1.47	GRD	
194	6.99	GRD	
195	11	GRD	
196	7.24	GRD	
197	0.434	GRD	
198	0.339	QFP	
199	0.602	GRD	
200	21	GRD	
201	17.1	GRD	
202	14	GRD	
203	14.2	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382414	6890655	1322.56	196.29

ZONE: Western Klaza

SECTION:

HOLE: KL-14-185

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 6.1m, Out

Drilling Dates: Jul 21 - Jul 23, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	34.71	-50	Calculated
196.29	35.2	-48.8	Calculated

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	6.1	6.1	CAS
6.1	14.8	8.7	QFP
14.8	29.01	14.21	GRD
29.01	33.37	4.36	GRD
33.37	62.09	28.72	GRD
62.09	63.04	0.95	BXA
63.04	91.57	28.53	GRD
91.57	95.65	4.08	GRD
95.65	97.6	1.95	GRD
97.6	112.31	14.71	GRD
112.31	114.28	1.97	GRD
114.28	125.22	10.94	GRD
125.22	129.4	4.18	GRD
129.4	136.66	7.26	GRD
136.66	147.17	10.51	GRD
147.17	151.01	3.84	GRD

SAMPLES	
Numbers:	Q016928 to Q016931, Q927398 to Q927446, Q927460 to Q927492
Total:	96
Batch:	098, 099, 101, 112
Certificates:	WH14111988, WH14111989, WH14113436, WH14114877

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

151.01	152.9	1.89	GRD
152.9	158.42	5.52	GRD
158.42	162.3	3.88	GRD
162.3	175.61	13.31	GRD
175.61	185.24	9.63	GRD
185.24	196.29	11.05	GRD

Box Log

KL-14-185

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	6.1	10.24
2	10.24	14.3
3	14.3	18.82
4	18.82	22.94
5	22.94	27.17
6	27.17	31.39
7	31.39	35.39
8	35.39	39.25
9	39.25	43.44
10	43.44	47.79
11	47.79	51.79
12	51.79	56.08
13	56.08	60.15
14	60.15	64.18
15	64.18	68.28
16	68.28	73.52
17	73.52	76.88
18	76.88	81.07
19	81.07	85.55
20	85.55	89.81
21	89.81	94.26
22	94.26	98.28
23	98.28	102.15
24	102.15	106.71
25	106.71	110.88
26	110.88	114.96
27	114.96	119.17
28	119.17	123.45
29	123.45	128.68
30	128.68	132.46
31	132.46	136.5
32	136.5	140.5
33	140.5	144.5
34	144.5	148.85
35	148.85	152.6
36	152.6	156.86
37	156.86	161
38	161	165.08
39	165.08	169.02
40	169.02	173.79
41	173.79	177.6
42	177.6	181.86
43	181.86	186.25
44	186.25	190.36
45	190.36	194.7
46	194.7	196.29

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-185									
	49.57	7.5	NQ2	GRD	346.3	217.4	2.17	2.7	Smoky quartz breccia with pebbly sub-rounded granodiorite clasts. Disseminated-blebby pyrite in smoky quartz.
	62.45	11.9	NQ2	BXA	663.7	421.8	2.63	2.7	Smoky quartz breccia with cobbly subrounded phyllic altered granodiorite clasts. Blebby pyrite in smoky quartz.
	122.75	8.2	NQ2	GRD	472.4	307	2.71	2.9	Light to dark quartz feldspar dyke with blebby pyrite.
	148.27	5.8	NQ2	GRD	352.8	245	2.86	3.3	Moderately silicified ankerite-calcite vein with intermixed semi-massive galena, sphalerite, pyrite, arsenopyrite and disseminated jamesonite
	180.42	8.7	NQ2	GRD	485	305.5	2.62	2.7	Smoky quartz fine grained breccia with disseminated pyrite in moderate phyllic, moderate propalytic altered granodiorite with modereate silicification. Discontinuous calcite veinlets

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
6.10	13.94	7.84	QFP	FG	Maroon quartz feldspar porphyry dyke with oxidation on fractures, with pervasive hydrothermal and silicification.							
						MD	MR	PO	SIL	1I		
									OXI	2I		
									HYD	4I		
13.94	14.80	0.86	QFP	FG	Narrow brecciated interval of quartz feldspar porphyry dyke with cobbly granodiorite clasts. 35 TCA sharp contact with granodiorite.							
						MD	MR	PO	OXI	2I		
								BX	SIL	1I		
									HYD	4I		
14.80	18.01	3.21	GRD	MG	Granodiorite with patchy weak propylitic, potassic, and silicification. Oxidation on fractures. Occasional argillic envelopes.							
						MD	GY	PA	OXI	1I		
						MD	BN		SIL	2I		
						LT	PK		PRO	1I		
									POT	1I		
									ARG	1I		
18.01	18.43	0.42	BXA	MG	Moderately phyllic altered cement with rounded granodiorite clasts. Clasts show mainly propylitic alteration.							
						MD	GN	BX	OXI	1I		
									PHC	3I		
									PRO	2I		
18.43	22.02	3.59	GRD	MG	Granodiorite with patchy weak propylitic, potassic, and silicification. Oxidation on fractures.							
						MD	GY		OXI	1I		
						MD	BN		SIL	2I		
						LT	PK		PRO	1I		
									POT	1I		
22.02	22.40	0.38	BXA	MG	Moderately phyllic altered cement with rounded granodiorite clasts. Clasts are propylitic altered.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	BX	OXI	1I		
									PRO	2I		
									PHC	3I		
22.40	23.25	0.85	GRD	MG	Argillic-phyllic envelope on single quartz vein.							
						MD	GN		OXI	1I		
						LT	WH		SIL	1I		
									ARG	2I		
									PHC	2I		
23.25	29.01	5.76	GRD	MG	Granodiorite with patchy weak propylitic, potassic, and silicification. Oxidation on fractures.							
						MD	GY		OXI	1I		
						MD	BN		SIL	2I		
						LT	PK		PRO	1I		
									POT	1I		
29.01	33.37	4.36	GRD	MG	Pervasive propylitic, silicified granodiorite with vein-associated argillic. Semi-pervasive oxidation on fractures.							
						MD	GY	PA	OXI	2I		
						MD	BN		PRO	2I		
						LT	WH		SIL	1I		
									ARG	1I		
33.37	43.74	10.37	GRD	MG	Pervasive propylitic, silicified, and patchy potassic altered granodiorite. Fracture-associated oxidation.							
						MD	GY	PA	OXI	2I		
						MD	BN		SIL	1I		
						LT	WH		PRO	2I		
									POT	1I		
									ARG	2I		
43.74	46.08	2.34	GRD	MG	Vein-associated phyllic and argillic with oxidation on fractures.							
						LT	WH		OXI	1I		
						LT	BN		PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		ARG	2I		
46.08	49.30	3.22	GRD	MG	Pervasive propylitic, silicified, and patchy potassic altered granodiorite. Fracture-associated oxidation.							
						MD	GY	PA	OXI	2I		
						MD	BN		SIL	1I		
						LT	WH		PRO	2I		
									POT	1I		
									ARG	2I		
49.30	50.89	1.59	GRD	MG	Argillic halo on narrow smoky quartz breccia. Semi-pervasive oxidation from fractures.							
						MD	BN		ARG	2I		
						LT	WH	BX	OXI	2I		
50.89	56.06	5.17	GRD	MG	Pervasive propylitic, silicified, and patchy potassic altered granodiorite. Fracture-associated oxidation.							
						MD	GY		OXI	2I		
						MD	BN		SIL	1I		
						LT	WH		PRO	2I		
									POT	1I		
									ARG	2I		
56.06	62.09	6.03	GRD	MG	Granodiorite with propylitic, silicification, patchy potassic, and phyllic-argillic vein halos. Oxidation on fractures.							
						MD	GY		SIL	1I		
						LT	GN	PA	OXI	1I		
						LT	WH		PHC	3I		
						LT	BN		ARG	2I		
									POT	2I		
									PRO	1I		
62.09	63.04	0.95	BXA	FG	Smoky quartz breccia with phyllic-altered granodiorite clasts and disseminated pyrite. Oxidation on fractures.							
						LT	GN		PHC	1I		
						DK	GY	BX	OXI	1I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
63.04	75.05	12.01	GRD	MG	Granodiorite with weak pervasive propylitic, silicification, patchy potassic, and fracture-associated oxidation.							
						MD	BN		OXI	1I		
						MD	GY		SIL	2I		
						LT	PK		PRO	2I		
									POT	1I		
75.05	76.31	1.26	GRD	MG	Phyllic-argillic vein halo with narrow smoky quartz breccia and quartz-carbonate vein.							
						LT	GN	PA	SIL	1I		
						LT	GY		PHC	2I		
						LT	WH		POT	1I		
									ARG	1I		
76.31	81.70	5.39	GRD	MG	Granodiorite with weak pervasive propylitic, silicification, patchy potassic, and fracture-associated oxidation.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
81.70	82.84	1.14	GRD	MG	Phyllic-argillic vein halo on quartz-carbonate vein with pyrite and sphalerite.							
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
									ARG	1I		
82.84	84.33	1.49	GRD	MG	Granodiorite with weak pervasive propylitic, silicification, and patchy potassic.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
84.33	85.02	0.69	GRD	MG	Phyllic-argillic vein halo on quartz-carbonate vein with pyrite and sphalerite.							
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
									ARG	1I		
85.02	91.57	6.55	GRD	MG	Granodiorite with weak pervasive propylitic, silicification, and patchy potassic.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	2I		
						LT	PK		PRO	2I		
									POT	1I		
91.57	95.65	4.08	GRD	MG	Propylitic and silicified granodiorite with patchy chlorite and fracture-associated hematite. Fractured near 93m.							
						MD	RD	FR	SIL	2I		
						MD	GN		HEM	2I		
									CHL	1I		
									PRO	2I		
95.65	97.60	1.95	GRD	MG	Propylitic and silicified granodiorite with patchy chlorite and fracture-associated hematite. Silicification obliterates patches of primary textures.							
						MD	GN	PA	OXI	1I	He	1
						MD	BN		SIL	3I		
									PRO	2I		
									CHL	2I		
									HEM	1I		
97.60	98.28	0.68	GRD	MG	Patches of argillic and potassic alteration.							
						LT	WH		POT	2I		
						LT	PK		ARG	2I		
98.28	102.35	4.07	GRD	MG	Pervasive silicification, propylitic, with patchy potassic alteration.							
						MD	PK		PRO	2I		
						MD	GY		SIL	2I		
									POT	1I		
102.35	103.65	1.30	GRD	MG	Phyllic to argillic vein halo on 3 quartz-carbonate veins with pyrite, +/- sphalerite, and +/- galena.							
						LT	GN		SIL	2I		
						LT	WH		PRO	2I		
									POT	1I		
103.65	112.31	8.66	GRD	MG	Pervasive silicification, propylitic, and patchy potassic.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
112.31	114.28	1.97	GRD	MG	Phyllic-argillic vein halo with disseminated pyrite, cut by quartz-carbonate veinlets. Narrow gouge at 113.20m							
						LT	GY		PHC	3I		
						LT	GN		SIL	2I	Py	1
									ARG	1I		
114.28	125.22	10.94	GRD	MG	Granodiorite with many overprinting alterations due to fractures and veins. Cut by quartz-carbonate veins (+/- sulphides) and chlorite-hematite veins. Trace hematite on fractures.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	1I		
						LT	WH		POT	2I		
						LT	GN		ARG	2I		
									PHC	2I		
									HEM	1I		
125.22	129.40	4.18	GRD	MG	Pervasive propylitic and silicification, with hematite on fractures. Silicification generates a mottled white colouration.							
						MD	GN	MO	SIL	3I	He	8
						MD	RD		HEM	3I		
						LT	WH	FR	PRO	3I		
129.40	136.66	7.26	GRD	MG	Relatively unaltered granodiorite.							
						MD	GY		SIL	2I		
136.66	147.17	10.51	GRD	MG	Wide argillic-phyllic patch with carbonate veins. Patchy silicification, potassic, and propylitic.							
						LT	GN	PA	SIL	1I		
						LT	WH		ARG	3I		
									PHC	2I		
									PRO	1I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
147.17	151.01	3.84	GRD	MG	Main Klaza vein zone with moderate phyllic alteration and silicification. Cut by several well-mineralized smoky quartz-carbonate veins hosting pyrite, arsenopyrite, galena, chalcopyrite, sphalerite, and trace jamesonite needles. Some cream netted ankerite veinlets.							
						MD	GN	FR	PHC	3I	Py	3
											Sp	1
											Cp	1
											Gn	1
									SIL	2I	As	1
151.01	152.90	1.89	GRD	MG	Granodiorite with sheeted hematite stringers and hematization on fractures. Silicification is mottled white blebs of quartz. Chlorite alteration is patchy.							
						MD	GN	MO	SIL	3I		
						MD	RD		HEM	3I		
									CHL	2I		
152.90	158.42	5.52	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		
									POT	1I		
158.42	162.30	3.88	GRD	MG	Phyllic-argillic altered granodiorite with strong silica overprint. Silicification obliterates primary textures. Cut by quartz-carbonate veins and a smoky quartz breccia.							
						MD	GN		SIL	4I		
									PHC	3I		
									ARG	1I		
162.30	175.61	13.31	GRD	MG	Pervasive propylitic and silica altered granodiorite. Patchy potassic and hematization.							
						MD	PK		PRO	2I		
						MD	GY		SIL	2I		
									POT	2I		
									HEM	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
175.61	176.72	1.11	GRD	MG	Phyllic-argillic alteration with patchy potassic.							
						LT	GN		SIL	1I		
						LT	WH		PHC	1I		
						LT	PK		ARG	2I		
									POT	1I		
176.72	178.48	1.76	GRD	MG	Pervasive propylitic, potassic, and silicification with patchy phyllic.							
						MD	GN		SIL	2I		
						LT	GN		PHC	1I		
						LT	PK		PRO	2I		
									POT	2I		
178.48	179.79	1.31	GRD	MG	Pervasive propylitic, potassic, and silicification.							
						MD	GN		SIL	2I		
						LT	PK		PRO	2I		
									POT	1I		
179.79	185.24	5.45	GRD	MG	Wide phyllic-argillic halos on quartz-carbonate veinlets with blebby-disseminated pyrite. Patch silicification and propylitic.							
						MD	PK		PHC	2I		
						LT	GN	PA	SIL	2I		
						LT	WH		PRO	1I		
									ARG	2I		
185.24	187.08	1.84	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite. Vein-associated phyllic and argillic.							
						MD	GY	PA	SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
									PHC	1I		
									ARG	1I		
187.08	188.05	0.97	GRD	MG	Phyllic-argillic ahlo on vuggy carbonate vein with blebby sphalerite.							
						LT	GN		SIL	1I		
									PHC	2I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
188.05	196.29	8.24	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite. Vein-associated phyllic and argillic.							
						MD	GY	PA	SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
									PHC	1I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
6.10	14.80	8.70	QFP	FG	Maroon quartz feldspar porphyry dyke with oxidation on fractures, pervasive hydrothermal/silicification.							
						MD	MR	PO	HYD	4I		
									OXI	2I		
									SIL	1I		
14.80	29.01	14.21	GRD	MG	Granodiorite with patchy weak propylitic, potassic, and silicification. Oxidation on fractures. Occasional argillic envelopes.							
									ARG	1I		
						MD	GY	PA	OXI	1I		
						MD	BN		SIL	2I		
						LT	PK		PRO	1I		
									POT	1I		
29.01	33.37	4.36	GRD	MG	Pervasive propylitic, silicified granodiorite with vein-associated argillic. Semi-pervasive oxidation on fractures.							
						MD	BN		PRO	2I		
						LT	WH		SIL	1I		
									ARG	1I		
						MD	GY	PA	OXI	2I		
33.37	62.09	28.72	GRD	MG	Pervasive propylitic, silicified, and patchy potassic altered granodiorite. Vein-associated argillic and fracture-associated oxidation.							
						LT	WH		PRO	2I		
						MD	GY	PA	OXI	2I		
									POT	1I		
									ARG	2I		
						MD	BN		SIL	1I		
62.09	63.04	0.95	BXA	FG	Smoky quartz breccia with phyllic-altered granodiorite clasts and disseminated pyrite. Oxidation on fractures.							
						DK	GY	BX	OXI	1I	Py	2
						LT	GN		PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
63.04	91.57	28.53	GRD	MG	Granodiorite with weak pervasive propylitic, silicification, patchy potassic, and fracture-associated oxidation.							
						MD	GY		OXI	1I		
									POT	1I		
						LT	PK		PRO	2I		
						MD	BN		SIL	2I		
91.57	95.65	4.08	GRD	MG	Propylitic and silicified granodiorite with patchy chlorite and fracture-associated hematite. Fractured near 93m.							
									CHL	1I		
						MD	GN		HEM	2I		
						MD	RD	FR	SIL	2I	He	3
									PRO	2I		
95.65	97.60	1.95	GRD	MG	Propylitic and silicified granodiorite with patchy chlorite and fracture-associated hematite. Silicification obliterates patches of primary textures.							
						MD	GN	PA	OXI	1I	He	1
									HEM	1I		
									CHL	2I		
						MD	BN		SIL	3I		
									PRO	2I		
97.60	112.31	14.71	GRD	MG	Granodiorite with weak pervasive propylitic, silicification, and patchy potassic.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
112.31	114.28	1.97	GRD	MG	Phyllic-argillic vein halo with disseminated pyrite, cut by quartz-carbonate veinlets. Narrow gouge at 113.20m							
						LT	GN		SIL	2I	Py	1
						LT	GY		PHC	3I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
114.28	125.22	10.94	GRD	MG	Granodiorite with many overprinting alterations due to fractures and veins. Cut by quartz-carbonate veins (+/- sulphides) and chlorite-hematite veins. Trace hematite on fractures.							
						LT	GN		HEM	1I		
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	1I		
									ARG	2I		
									PHC	2I		
						LT	WH		POT	2I		
125.22	129.40	4.18	GRD	MG	Pervasive propylitic and silicification, with hematite on fractures. Silicification generates a mottled white colouration.							
						MD	GN	MO	SIL	3I	He	8
						LT	WH	FR	PRO	3I		
						MD	RD		HEM	3I		
129.40	136.66	7.26	GRD	MG	Relatively unaltered granodiorite.							
						MD	GY		SIL	2I		
136.66	147.17	10.51	GRD	MG	Wide argillic-phyllic patch with carbonate veins. Patchy silicification, potassic, and propylitic.							
						LT	WH		ARG	3I		
									POT	2I		
									PHC	2I		
						LT	GN	PA	SIL	1I		
									PRO	1I		
147.17	151.01	3.84	GRD	MG	Main Klaza vein zone with moderate phyllic alteration and silicification. Cut by several well-mineralized smoky quartz-carbonate veins hosting pyrite, arsenopyrite, galena, chalcopyrite, sphalerite, and trace jamesonite needles. Some cream netted ankerite veinlets.							
						MD	GN	FR	SIL	2I	Py	3
									PHC	3I	As	1
											Gn	1
											Cp	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Sp	1
151.01	152.90	1.89	GRD	MG	Granodiorite with sheeted hematite stringers and hematization on fractures. Silicification is mottled white blebs of quartz. Chlorite alteration is patchy.							
						MD	RD		CHL	2I		
									HEM	3I		
						MD	GN	MO	SIL	3I	He	10
152.90	158.42	5.52	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	3I		
									POT	1I		
158.42	162.30	3.88	GRD	MG	Phyllic-argillic altered granodiorite with strong silica overprint. Silicification obliterates primary textures. Cut by quartz-carbonate veins and a smoky quartz breccia.							
						MD	GN		SIL	4I		
									PHC	3I		
									ARG	1I		
162.30	175.61	13.31	GRD	MG	Pervasive propylitic and silica altered granodiorite. Patchy potassic and hematization.							
									POT	2I		
									HEM	1I		
						MD	PK		PRO	2I		
						MD	GY		SIL	2I		
175.61	185.24	9.63	GRD	MG	Granodiorite with pervasive propylitic and silicification. Pathcy potassic and vein-associated phyllic-argillic alteration. Cut by cream-white carbonate veinlets and smoky quartz veins with blebby pyrite.							
						LT	WH		ARG	2I		
						MD	PK		PHC	2I		
						MD	GN		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	2I		
						LT	GN	PA	SIL	1I		
185.24	196.29	11.05	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite. Vein-associated phyllic and argillic.							
									PHC	1I		
						MD	GY	PA	SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
									ARG	1I		

KL-14-185

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	6.10	6.10	0	0	0.00	0	--	--	--	
6.10	7.32	1.22	0.8	66	0.72	59	--	4H	2W	
7.32	10.36	3.04	2.81	92	2.22	73	--	3H	2W	
10.36	13.41	3.05	2.71	89	1.59	52	--	3H	2W	
13.41	16.46	3.05	2.9	95	2.41	79	0R	3H	2W	
16.46	19.51	3.05	2.73	90	2.22	73	0R	4H	2W	
19.51	22.56	3.05	2.84	93	2.01	66	0R	4H	2W	
22.56	25.60	3.04	2.84	93	1.47	48	0R	4H	2W	
25.60	28.65	3.05	2.5	82	1.66	54	0R	4H	3W	
28.65	31.70	3.05	2.5	82	1.24	41	0R	3H	3W	
31.70	34.75	3.05	2.76	90	1.70	56	0R	4H	3W	
34.75	37.80	3.05	2.26	74	1.57	51	0R	4H	3W	
37.80	40.84	3.04	2.11	69	1.28	42	0R	4H	4W	
40.84	43.89	3.05	2.27	74	1.74	57	--	4H	2W	
43.89	46.94	3.05	2.69	88	1.29	42	0R	4H	2W	
46.94	49.99	3.05	2.73	90	1.19	39	0R	4H	3W	
49.99	53.04	3.05	2.71	89	2.30	75	0R	4H	2W	
53.04	56.08	3.04	2.77	91	2.30	76	0R	4H	2W	
56.08	59.13	3.05	2.86	94	1.90	62	0R	3H	2W	
59.13	62.18	3.05	2.39	78	1.35	44	0R	3H	2W	
62.18	65.23	3.05	2.74	90	1.35	44	0R	3H	2W	
65.23	68.28	3.05	2.82	92	2.12	70	0R	4H	2W	
68.28	71.32	3.04	2.79	92	2.00	66	0R	4H	2W	
71.32	74.37	3.05	2.76	90	2.23	73	0R	4H	4W	
74.37	77.42	3.05	2.92	96	2.33	76	0R	4H	2W	
77.42	80.47	3.05	3.04	100	2.63	86	0R	4H	1W	
80.47	83.52	3.05	2.92	96	1.96	64	0R	4H	2W	
83.52	86.56	3.04	2.98	98	1.83	60	0R	4H	2W	
86.56	89.61	3.05	2.7	89	1.90	62	0R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
89.61	92.66	3.05	2.57	84	1.70	56	0R	4H	2W	
92.66	95.71	3.05	1.86	61	0.69	23	0R	1H	3W	
95.71	98.75	3.04	2.15	71	1.04	34	0R	4H	2W	
98.75	101.80	3.05	3.05	100	2.72	89	0R	4H	2W	
101.80	104.85	3.05	2.66	87	1.44	47	0R	4H	2W	
104.85	107.90	3.05	2.43	80	1.14	37	0R	4H	2W	
107.90	110.95	3.05	2.66	87	1.74	57	0R	4H	2W	
110.95	114.00	3.05	2.57	84	1.11	36	0R	3H	1W	
114.00	117.04	3.04	2.69	88	1.48	49	0R	3H	1W	
117.04	120.09	3.05	2.66	87	1.29	42	0R	4H	1W	
120.09	123.14	3.05	2.14	70	1.16	38	0R	3H	1W	
123.14	126.19	3.05	2.12	70	1.03	34	0R	4H	1W	
126.19	129.24	3.05	0.92	30	0.00	0	0R	1H	1W	
129.24	132.28	3.04	1.9	63	0.21	7	0R	4H	1W	
132.28	135.33	3.05	2.5	82	1.19	39	0R	4H	1W	
135.33	138.38	3.05	2.3	75	0.90	30	0R	4H	1W	
138.38	141.43	3.05	2.38	78	1.22	40	0R	3H	1W	
141.43	144.48	3.05	2.01	66	1.05	34	0R	3H	1W	
144.48	147.52	3.04	2.04	67	0.87	29	0R	3H	1W	
147.52	150.57	3.05	1.87	61	0.63	21	0R	2H	1W	
150.57	153.62	3.05	1.78	58	0.56	18	0R	3H	1W	
153.62	156.67	3.05	2.83	93	1.55	51	0R	4H	1W	
156.67	159.72	3.05	2.52	83	1.39	46	0R	3H	1W	
159.72	162.76	3.04	2.83	93	1.09	36	0R	4H	1W	
162.76	165.81	3.05	2.53	83	1.77	58	0R	4H	1W	
165.81	168.86	3.05	2.27	74	0.75	25	0R	4H	1W	
168.86	171.91	3.05	2.77	91	1.96	64	0R	4H	1W	
171.91	174.96	3.05	2.37	78	1.37	45	0R	4H	1W	
174.96	178.00	3.04	2.82	93	2.11	69	0R	4H	1W	
178.00	181.05	3.05	2.93	96	2.02	66	0R	3H	1W	
181.05	184.10	3.05	2.85	93	2.34	77	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
184.10	187.15	3.05	2.77	91	2.13	70	0R	4H	1W	
187.15	190.20	3.05	2.7	89	1.90	62	0R	4H	1W	
190.20	193.24	3.04	2.91	96	2.37	78	0R	4H	1W	
193.24	196.29	3.05	2.85	93	1.81	59	0R	4H	1W	

KL-14-185

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	0	CAS	
5	0	CAS	
6	0	CAS	
7	0.223	QFP	
8	0.205	QFP	
9	0.191	QFP	
10	0.298	QFP	
11	0.205	QFP	
12	0.16	QFP	
13	0.104	QFP	
14	0.411	QFP	
15	0.553	GRD	
16	6.73	GRD	
17	1.31	GRD	
18	0.575	GRD	
19	0.521	GRD	
20	11.9	GRD	
21	35.7	GRD	
22	0.17	GRD	
23	0.223	GRD	
24	14	GRD	
25	13.1	GRD	
26	6.63	GRD	
27	14.4	GRD	
28	16	GRD	
29	7.67	GRD	
30	0.298	GRD	
31	0.381	GRD	
32	3.76	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	0.309	GRD	
34	1.01	GRD	
35	13.3	GRD	
36	12.6	GRD	
37	16.4	GRD	
38	16.3	GRD	
39	3.54	GRD	
40	0.517	GRD	
41	11.7	GRD	
42	16.3	GRD	
43	10.4	GRD	
44	0.536	GRD	
45	0.408	GRD	
46	0.271	GRD	
47	10.9	GRD	
48	3.81	GRD	
49	14.1	GRD	
50	0.489	GRD	
51	6.94	GRD	
52	15.2	GRD	
53	10.1	GRD	
54	16.7	GRD	
55	13.8	GRD	
56	14.3	GRD	
57	0.319	GRD	
58	1.29	GRD	
59	1.13	GRD	
60	0.224	GRD	
61	3.81	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	0.285	GRD	
63	0.255	BXA	
64	0.436	GRD	
65	13	GRD	
66	10	GRD	
67	15.2	GRD	
68	7.26	GRD	
69	13.5	GRD	
70	19.1	GRD	
71	21.5	GRD	
72	16.8	GRD	
73	19.2	GRD	
74	17.4	GRD	
75	2.21	GRD	
76	0.496	GRD	
77	18.3	GRD	
78	20	GRD	
79	14.9	GRD	
80	8.48	GRD	
81	14.3	GRD	
82	7.37	GRD	
83	22.7	GRD	
84	10.3	GRD	
85	2.2	GRD	
86	8.43	GRD	
87	4.68	GRD	
88	1.38	GRD	
89	0.521	GRD	
90	3.09	GRD	
91	10.4	GRD	
92	1.57	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
93	0.329	GRD	
94	0.271	GRD	
95	9.99	GRD	
96	0.392	GRD	
97	0.214	GRD	
98	0.446	GRD	
99	6.07	GRD	
100	5.06	GRD	
101	1.59	GRD	
102	0.953	GRD	
103	0.309	GRD	
104	4.34	GRD	
105	2.84	GRD	
106	0.533	GRD	
107	8.69	GRD	
108	3.33	GRD	
109	5.93	GRD	
110	5.69	GRD	
111	1.61	GRD	
112	4.1	GRD	
113	0.298	GRD	
114	0.335	GRD	
115	0.433	GRD	
116	0.324	GRD	
117	0.314	GRD	
118	0.335	GRD	
119	0.353	GRD	
120	0.71	GRD	
121	0.605	GRD	
122	0.267	GRD	
123	3.43	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	7.21	GRD	
125	0.716	GRD	
126	0.393	GRD	
127	0.796	GRD	
128	0.912	GRD	
129	3.44	GRD	
130	0.288	GRD	
131	0.52	GRD	
132	0.396	GRD	
133	1.18	GRD	
134	1.51	GRD	
135	0.691	GRD	
136	1.38	GRD	
137	0.233	GRD	
138	0.812	GRD	
139	0.289	GRD	
140	0.19	GRD	
141	0.701	GRD	
142	0.273	GRD	
143	0.265	GRD	
144	0.359	GRD	
145	0.481	GRD	
146	0.738	GRD	
147	0.214	GRD	
148	0.222	GRD	
149	0.234	GRD	
150	0.302	GRD	
151	0.302	GRD	
152	0.447	GRD	
153	0.311	GRD	
154	4.77	GRD	
155	0.911	GRD	
156	0.578	GRD	
157	0.214	GRD	
158	0.374	GRD	
159	0.352	GRD	
160	0.312	GRD	
161	0.294	GRD	
162	0.401	GRD	
163	0.356	GRD	
164	6.34	GRD	
165	2.97	GRD	
166	13.2	GRD	
167	0.896	GRD	
168	0.369	GRD	
169	0.596	GRD	
170	0.627	GRD	
171	11.7	GRD	
172	14.7	GRD	
173	0.44	GRD	
174	11.8	GRD	
175	9.92	GRD	
176	5.05	GRD	
177	6.02	GRD	
178	1.04	GRD	
179	2.35	GRD	
180	0.233	GRD	
181	0.268	GRD	
182	0.521	GRD	
183	0.291	GRD	
184	0.141	GRD	
185	15.8	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	15.1	GRD	
187	5.77	GRD	
188	0.856	GRD	
189	3.35	GRD	
190	5.51	GRD	
191	15	GRD	
192	15.3	GRD	
193	13.8	GRD	
194	7.2	GRD	
195	3.98	GRD	
196	3.26	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381667	6889999	1297.28	267.92

ZONE: Western BRX

SECTION:

HOLE: KL-14-186

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 21 - Jul 24, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	32.6	-49.5	Reflex
267.3	38.4	-49.1	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.44	3.44	CAS
3.44	70.8	67.36	GRD
70.8	163.68	92.88	GRD
163.68	167.72	4.04	GRD
167.72	181.58	13.86	GRD
181.58	185.1	3.52	GRD
185.1	189.83	4.73	QFP
189.83	193.07	3.24	GRD
193.07	195.83	2.76	GRD
195.83	218.24	22.41	GRD
218.24	219.05	0.81	GRD
219.05	221.2	2.15	VEN
221.2	226.5	5.3	GRD
226.5	227.56	1.06	GRD
227.56	247.06	19.5	GRD
247.06	253.15	6.09	GRD

SAMPLES	
Numbers:	Q016932 to Q016933, Q926278 to Q926314, Q928000, Q933599 to Q933617, Q934851 to Q934855
Total:	79
Batch:	097, 100, 112, 192, 206
Certificates:	WH14113435, WH14114870, WH14114877, WH14129183, WH14134310

COMMENTS

253.15	267.92	14.77	GRD

Box Log

KL-14-186

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.44	6.3
2	6.3	9.38
3	9.38	12.41
4	12.41	15.18
5	15.18	18.63
6	18.63	21.89
7	21.89	25
8	25	27.9
9	27.9	30.8
10	30.8	34.32
11	34.32	37.49
12	37.49	40.71
13	40.71	44.43
14	44.43	46.9
15	46.9	49.92
16	49.92	53.12
17	53.12	56.51
18	56.51	59.65
19	59.65	62.8
20	62.8	66
21	66	69.03
22	69.03	72.15
23	72.15	75.29
24	75.29	78.3
25	78.3	81.46
26	81.46	84.52
27	84.52	87.48
28	87.48	90.53
29	90.53	93.57
30	93.57	96.39
31	96.39	99.67
32	99.67	102.72
33	102.72	106
34	106	108.96
35	108.96	112.21
36	112.21	115.34
37	115.34	118.52
38	118.52	121.62
39	121.62	124.51
40	124.51	127.42
41	127.42	130.42
42	130.42	133.2
43	133.2	136.25
44	136.25	139.18
45	139.18	142.18
46	142.18	145.17
47	145.17	148.12
48	148.12	152.16
49	152.16	154.35
50	154.35	157.47
51	157.47	160.63
52	160.63	163.68
53	163.68	166.76
54	166.76	169.77
55	169.77	172.82
56	172.82	175.87
57	175.87	178.92
58	178.92	182
59	182	185.01
60	185.01	188.54
61	188.54	191.11
62	191.11	194.38
63	194.38	197.56
64	197.56	200.72
65	200.72	203.87
66	203.87	207.07
67	207.07	210.33
68	210.33	213.45
69	213.45	216.95
70	216.95	218.24
71	218.24	220.8
72	220.8	223.35
73	223.35	226.5
74	226.5	229.65
75	229.65	232.7
76	232.7	235.85
77	235.85	239.1
78	239.1	242
79	242	244.55
80	244.55	247.6
81	247.6	250.85
82	250.85	254.02
83	254.02	257.3
84	257.3	260.4
85	260.4	263.55
86	263.55	266.7
87	266.7	267.92

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-186									
	36.57	7.7	HQ	GRD	623.8	387.9	2.77	2.6	Moderate pottassic granodiorite with modera silicification and pervasive moderate silicification. Goethite and limonite on fracture surfaces and calcite-hematite stringers.
	51.53	7.3	HQ	GRD	569.3	351.8	2.67	2.6	Moderate phyllic altered granodiorite with strong silicification and weak oxidation with net textured calcite veinlets and a hematite stringer.
	100.35	12.2	HQ	GRD	1014.9	645.2	2.85	2.8	Strong phyllic altered granodiorite with disseminated pyrite and smoky quartz-calcite stringers with blebby pyrite.
	166.39	11.8	HQ	GRD	1037	659.5	3.01	2.8	Strong phyllic altered granodioriote with propalytic alteration and weak silicification. Cut by smoky quartz calcite with blebby pyrite.
	166.78	10.9	HQ	GRD	1067.2	731.5	3.35	3.2	Ankerite-calcite-quartz vein with pebble sub-angular breccia textures. Hosts blebby pyrite, and blebby cocade honey brown and blackjack sphalerite.
	191.18	10.8	HQ	GRD	956.4	626	3.03	2.9	3 centimeter fine smoky quartz breccia with blebby ankerite, pyrite and sphalerite in strong phyllic altered granodiorite with strong silicification and disseminated pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	191.53	18.5	HQ	GRD	1655	1069.9	3.06	2.8	Strong phyllic alterd granodiorite with strong silicification and disseminated pyrite. Cut by offset milky quartz vein rimmed by blebby pyrite.
	192.17	14.7	HQ	GRD	1296.3	836.6	3.02	2.8	Strong phyllic altered granodiorite with weak propalytic overprint, moderate silicification and disseminated pyrite. Cut by smoky quartz veins and veinlets with blebby pyrite and ankerite and disseminated arsenopyrite.
	198.65	10.4	HQ	GRD	819.2	501.7	2.7	2.6	Moderate argillic altered granodiorite with weak pottassic and moderate phyllic overprint with weak chloritization and moderate hematization. Blebby hematite throughout.
	201.42	14.2	HQ	GRD	1158.5	720.3	2.79	2.6	Weak pottassic altered granodiorite with moderate phyllic, trace chloritic and moderate silicification with calcite stringers.
	219.24	7.2	HQ	VEN	930.7	696.3	4.42	4.0	Massive intergrown galena, honey brown sphalerite, and pyrite. Trace disseminated arsenopyrite near pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.44	15.10	11.66	GRD	MG	Granodiorite with moderate oxidation along fracture surfaces. Sporadic small patches of oxidized moderate argillic alteration. Has rubbly patches.							
						MD	GY	PA	ARG	3I		
						MD	OR					
						LT	GY	RB	OXI	3I		
15.10	16.05	0.95	GRD	MG	Strongly oxidized moderately silicified phyllic envelope around a oxidized quartz/pyrite vein.							
						MD	OR	EN	SIL	3I		
						LT	GN		PHC	3I		
									OXI	3I		
									OXI	4I		
16.05	34.22	18.17	GRD	MG	Granodiorite with moderate oxidation along fracture surfaces. Sporadic small patches of oxidized moderate argillic alteration. Has rubbly patches.							
						MD	GY	PA	ARG	3I		
						MD	OR					
						LT	GY	RB	OXI	3I		
34.22	34.32	0.10	CLY	VF	Medium brown soft clay.							
						MD	BN					
34.32	36.32	2.00	GRD	MG	Granodiorite with moderate oxidation along fracture surfaces. Sporadic small patches of oxidized moderate argillic alteration. Has rubbly patches.							
						MD	GY	RB	ARG	3I		
						MD	OR					
						LT	GY	PA	OXI	3I		
36.32	37.55	1.23	GRD	MG	Oxidized moderately silicified phyllic envelope around a orange/brown gouge vein. Phyllic alteration transition to oxidized argillic alteration distally from vein.							
						MD	OR	EN	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
37.55	51.46	13.91	GRD	MG	Granodiorite with moderate oxidation along fracture surfaces. Sporadic small patches of oxidized moderate argillic alteration. Has rubbly patches.							
						MD	GY	RB	ARG	3I		
						MD	OR					
						LT	GY	PA	OXI	3I		
51.46	57.30	5.84	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration and moderate silicified phyllic alteration. Patchy moderate to strong oxidation.							
						MD	OR	PA	OXI	3I		
						MD	PK		ARG	3I		
						LT	WH		SIL	3I		
						LT	GN		OXI	4I		
						DK	GN		PHC	3I		
									PRO	2I		
									POT	2I		
57.30	58.69	1.39	GRD	MG	Granodiorite with moderate oxidation along fracture surfaces. Sporadic small patches of oxidized moderate argillic alteration. Has rubbly patches.							
						MD	GY	RB	ARG	3I		
						MD	OR					
						LT	GY	PA	OXI	3I		
58.69	59.50	0.81	GRD	MG	Oxidized moderately silicified phyllic envelope around a quartz/carbonate vein. Phyllic alteration transition to oxidized argillic alteration distally from vein.							
						MD	OR		SIL	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
59.50	70.80	11.30	GRD	MG	Granodiorite with moderate oxidation along fracture surfaces. Sporadic small patches of oxidized moderate argillic alteration. Has rubbly patches.							
						MD	GY	RB	ARG	3I		
						MD	OR					
						LT	GY	PA	OXI	3I		
70.80	83.51	12.71	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
83.51	84.32	0.81	GRD	MG	Moderately silicified potassic/propyllitic altered granodiorite.							
						MD	GN		SIL	3I		
						MD	PK		PRO	3I		
						MD	GY		POT	3I		
84.32	88.48	4.16	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
88.48	89.67	1.19	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate vein. Transitions to potassic/propyllitic overprinted moderate argillic alteration distally from vein.							
						MD	GN		POT	2I		
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
									ARG	3I		
89.67	91.78	2.11	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
91.78	93.30	1.52	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate vein. Transitions to potassic/propyllitic overprinted moderate argillic alteration distally from vein.							
						MD	GN		POT	2I		
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
									ARG	3I		
93.30	96.62	3.32	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
96.62	97.73	1.11	GRD	MG	Moderately silicified phyllic envelope around a quartz carbonate vein.							
						LT	GN	EN	PHC	3I		
									SIL	3I		
97.73	100.15	2.42	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
100.15	101.52	1.37	GRD	MG	Moderately silicified phyllic envelope around a quartz veinlets.							
						LT	GN	EN	PHC	3I		
									SIL	3I		
101.52	107.28	5.76	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		POT	2I		
107.28	108.92	1.64	GRD	MG	Alternating patches of moderately silicified phyllic alteration and moderate potassic/propyllitic overprinted argillic alteration.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	GY		SIL	3I		
						LT	GN		PRO	3I		
									ARG	3I		
108.92	109.98	1.06	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
109.98	110.85	0.87	GRD	MG	Moderately silicified/phyllic altered granodiorite.							
						LT	GN	EN	PHC	3I		
									SIL	3I		
110.85	127.66	16.81	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
130.27	133.96	3.69	GRD	MG	Rubbly alternating patches of potassic/propyllitic altered granodiorite and potassic/propyllitic overprinted argillic alteration.							
						MD	PK		ARG	3I		
						LT	WH	PA	PRO	2I		
						DK	GN	RB	POT	2I		
133.96	147.30	13.34	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
147.30	149.53	2.23	GRD	MG	Small moderately silicified phyllic envelope around a grey quartz breccia. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from breccia.							
						MD	PK		PHC	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		ARG	3I		
						DK	GN		POT	2I		
									PRO	2I		
149.53	150.40	0.87	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
150.40	151.20	0.80	GRD	MG	Small moderately silicified phyllic envelope around a grey quartz/carbonate breccia. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from breccia.							
						MD	PK		PHC	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		ARG	3I		
						DK	GN		POT	2I		
									PRO	2I		
151.20	153.10	1.90	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
153.10	157.91	4.81	GRD	MG	Alternating patches of moderately silicified potassic/propyllitic alteration and weak potassic/propyllitic overprinted argillic alteration. Small phyllic envelopes around quartz carbonate veins.							
						MD	PK	PA	PRO	2I		
						LT	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		POT	3I		
						DK	GN		PRO	3I		
									PHC	3I		
									ARG	3I		
157.91	163.68	5.77	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
163.68	167.72	4.04	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins. Patchy potassic/propyllitic overprinted argillic alteration distally from veins.							
						MD	PK		POT	3I		
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
167.72	181.58	13.86	GRD	MG	Moderately silicified weakly potassic/propyllitic altered granodiorite. Has small rubbly patches.							
						MD	GY	PA	SIL	3I		
						MD	PK		PRO	2I		
						DK	GN	RB	POT	2I		
181.58	185.10	3.52	GRD	MG	Moderately silicified phyllic altered granodiorite with patches of weak potassic/propyllitic overprinted moderate argillic alteration. Hosts multiple quartz/carbonate sulphide veins.							
						MD	PK		ARG	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									PRO	2I		
185.10	189.83	4.73	QFP	FG	Grey/green quartz feldspar porphyry dyke. Gouge altered upper and lower contacts. Upper contact oriented at 50 TCA and lower contact oriented at 60 TCA.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PO				
						MD	GN					
189.83	190.70	0.87	GRD	MG	Moderately phyllic/propyllitic/potassic altered granodiorite hosting quartz/carbonate/sulphide vein zone.							
						MD	GN		POT	3I		
						MD	PK		PHC	3I		
						LT	GN		PRO	3I		
190.70	191.82	1.12	GRD	MG	Strongly silicified phyllic altered granodiorite hosting quartz/carbonate sulphide veining and disseminated pyrite.							
						MD	GN		SIL	4I	Py	1
						MD	GY		PHC	4I		
191.82	192.10	0.28	GRD	MG	Moderately phyllic/propyllitic/potassic altered granodiorite hosting quartz/carbonate/sulphide vein zone.							
						MD	PK		PHC	3I		
						MD	GN		POT	3I		
						LT	GN		PRO	3I		
192.10	192.45	0.35	GRD	MG	Strongly silicified phyllic altered granodiorite hosting quartz/carbonate sulphide veining and disseminated pyrite.							
						MD	GY		PHC	4I		
						MD	GN		SIL	4I	Py	1
192.45	193.07	0.62	GRD	MG	Moderately phyllic/propyllitic/potassic altered granodiorite hosting quartz/carbonate/sulphide vein zone.							
						MD	GN		POT	3I		
						MD	PK		PHC	3I		
						LT	GN		PRO	3I		
193.07	195.83	2.76	GRD	MG	Moderately silicified, trace to weak potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
195.83	218.24	22.41	GRD	MG	Alternating patches of weak potassic/propyllitic alteration, moderate potassic/propyllitic overprinted argillic alteration and small phyllic envelopes around quartz/carbonate veins.							
						MD	PK		PRO	3I		
						LT	WH	PA	PHC	3I		
						LT	GN		POT	2I		
						DK	GN		PRO	2I		
									ARG	3I		
									POT	3I		
218.24	219.05	0.81	GRD	MG	Reamed down to previous completed depth of 218.24m. Continued in order to intersect zone. Recovery begins in gouged phyllic granodiorite. Transitions to galena and sphalerite dominated zone at 219.05m.							
						LT	GN		SIL	2I	Py	0.1
									PHC	4I		
219.05	219.75	0.70	VEN	MG	Phyllic granodiorite containing 3 main veins. Veins are massive intergrown galena, honey brown sphalerite, and pyrite. Trace arsenopyrite disseminated near pyrite. Cut by massive grey quartz band and yellow-tan ankerite veins with blebby galena and honey brown sphalerite.							
						MD	GY		PHC	4I	As	0.1
						LT	GN		SIL	3I	Py	1
											Sp	2
											Gn	2
219.75	220.75	1.00	GRD	MG	Pervasive strong phyllic altered granodiorite hosting disseminated pyrite. Cut by pyrite stringers/veinlets.							
						LT	GN		PHC	4I	Py	2
220.75	221.20	0.45	VEN	CG	Massive grey quartz vein with massive pyrite, banded honey brown sphalerite, and blebby galena. Rubbly recovery.							
						MD	BR	RB	SIL	4I	Py	45
						MD	GY				Sp	3
											Gn	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
221.20	226.50	5.30	GRD	MG	Moderate-strong phyllic altered granodiorite with weak clay alteration along fractures. Locally disseminated pyrite. Cut by banded quartz-carbonate +/- pyrite veinlets and veins.							
						LT	GN		PHC	4I		
									CLY	2I		
226.50	227.56	1.06	GRD	MG	Short granodiorite with trace pervasive propylitic.							
						MD	GY		PRO	1I		
						MD	GN					
227.56	241.24	13.68	GRD	MG	Pervasive phyllic overprinting occasional argillic patches. Potassic overprints argillic. Cut by quartz-carbonate veinlets at 3-5 per metre frequency.							
						LT	GN	PA	PHC	3I		
						LT	PK		ARG	2I		
									POT	1I		
241.24	242.45	1.21	GRD	MG	Faulted, rubbly phyllic granodiorite with clay.							
						LT	GY	RB	PHC	3I		
						LT	GN		CLY	3I		
242.45	247.06	4.61	GRD	MG	Pervasive phyllic overprinting occasional argillic patches. Potassic overprints argillic. Cut by quartz-carbonate veinlets at 3-5 per metre frequency.							
						LT	GN	PA	PHC	3I		
						LT	PK		ARG	2I		
									POT	1I		
247.06	253.15	6.09	GRD	MG	Pervasive phyllic with clay alteration along short crackle zones.							
						LT	GN		PHC	3I		
									CLY	2I		
253.15	258.56	5.41	GRD	MG	Fresh granodiorite with weak-trace patchy propylitic and potassic. Cut by quartz-carbonate veinlets with narrow phyllic halos.							
						MD	GY	PA	PRO	2I		
						MD	PK		POT	1I		
						LT	GN		PHC	1I		
258.56	260.35	1.79	GRD	MG	Pervasive phyllic with clay alteration along short crackle zones.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		
									CLY	2I		
260.35	267.92	7.57	GRD	MG	Fresh granodiorite with weak-trace patchy propylitic and potassic. Cut by quartz-carbonate veinlets with narrow phyllic halos.							
						MD	GY	PA	PRO	2I		
						MD	PK		PHC	1I		
						LT	GN		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.44	70.80	67.36	GRD	MG	Granodiorite with moderate oxidation along fracture surfaces. Sporadic small patches of oxidized moderate argillic alteration. Has rubbly patches.							
						MD	OR					
						MD	GY	RB	OXI	3I		
						LT	GY	PA	ARG	3I		
70.80	163.68	92.88	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						MD	GN		PRO	2I		
163.68	167.72	4.04	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins. Patchy potassic/propyllitic overprinted argillic alteration distally from veins.							
						LT	GN	PA	SIL	3I		
						MD	PK		POT	3I		
						DK	GN		PRO	3I		
						MD	GN		PHC	3I		
						LT	WH		ARG	3I		
167.72	181.58	13.86	GRD	MG	Moderately silicified weakly potassic/propyllitic altered granodiorite. Has small rubbly patches.							
						MD	PK		PRO	2I		
						DK	GN	RB	POT	2I		
						MD	GY	PA	SIL	3I		
181.58	185.10	3.52	GRD	MG	Moderately silicified phyllic altered granodiorite with patches of weak potassic/propyllitic overprinted moderate argillic alteration. Hosts multiple quartz/carbonate sulphide veins.							
									PRO	2I		
						DK	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		ARG	3I		
						LT	WH		PHC	3I		
						LT	GN	PA	SIL	3I		
185.10	189.83	4.73	QFP	FG	Grey/green quartz feldspar porphyry dyke. Gouge altered upper and lower contacts. Upper contact oriented at 50 TCA and lower contact oriented at 60 TCA.							
						MD	GN					
						MD	GY	PO				
189.83	193.07	3.24	GRD	MG	Moderately phyllic/propyllitic/potassic altered granodiorite hosting quartz/carbonate/sulphide vein zone.							
						MD	GN		PRO	3I		
						LT	GN		PHC	3I		
						MD	PK		POT	3I		
193.07	195.83	2.76	GRD	MG	Moderately silicified, trace to weak potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
195.83	218.24	22.41	GRD	MG	Alternating patches of weak potassic/propyllitic alteration, moderate potassic/propyllitic overprinted argillic alteration and small phyllic envelopes around quartz/carbonate veins.							
						LT	WH	PA	PHC	3I		
						DK	GN		PRO	2I		
						MD	PK		PRO	3I		
						LT	GN		POT	2I		
									POT	3I		
									ARG	3I		
218.24	219.05	0.81	GRD	MG	Reamed down to previous completed depth of 218.24m. Continued in order to intersect zone. Recovery begins in gouged phyllic granodiorite. Transitions to galena and sphalerite dominated zone at 219.05m.							
									PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	2I	Py	0.1
219.05	221.20	2.15	VEN	MG	Main vein zone with patches of strongly phyllic altered granodiorite between veins. Veins dominated by honey brown sphalerite and galena.							
											Gn	0.1
									CLY	1I	Sp	0.1
						LT	GN		SIL	2I	Py	2
									PHC	4I	As	0.1
221.20	226.50	5.30	GRD	MG	Moderate-strong phyllic altered granodiorite with weak clay alteration along fractures. Locally disseminated pyrite. Cut by banded quartz-carbonate +/- pyrite veinlets and veins.							
									CLY	2I		
						LT	GN		PHC	4I		
226.50	227.56	1.06	GRD	MG	Short granodiorite with trace pervasive propylitic.							
						MD	GN					
						MD	GY		PRO	1I		
227.56	247.06	19.50	GRD	MG	Pervasive phyllic overprinting occasional argillic patches. Potassic overprints argillic. Cut by quartz-carbonate veinlets at 3-5 per metre frequency.							
									POT	1I		
						LT	GN	PA	PHC	3I		
						LT	PK		ARG	2I		
247.06	253.15	6.09	GRD	MG	Pervasive phyllic with clay alteration along short crackle zones.							
									CLY	2I		
						LT	GN		PHC	3I		
253.15	267.92	14.77	GRD	MG	Fresh granodiorite with weak-trace patchy propylitic and potassic. Cut by quartz-carbonate veinlets with narrow phyllic halos.							
						MD	GY	PA	PRO	2I		
						LT	GN		PHC	1I		
						MD	PK		POT	1I		

KL-14-186

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.44	3.44	0	0	0.00	0	--	--	--	
3.44	5.18	1.74	1.69	97	0.55	32	--	4H	2W	
5.18	8.23	3.05	2.86	94	1.96	64	--	4H	2W	
8.23	11.28	3.05	2.88	94	2.18	71	--	4H	2W	
11.28	14.32	3.04	2.6	86	0.94	31	--	4H	2W	
14.32	17.37	3.05	2.77	91	1.53	50	--	3H	2W	
17.37	20.42	3.05	2.88	94	2.41	79	--	4H	2W	
20.42	23.47	3.05	2.79	91	2.20	72	--	4H	2W	
23.47	26.52	3.05	3.05	100	2.68	88	--	4H	2W	
26.52	29.57	3.05	2.93	96	2.42	79	--	4H	2W	
29.57	32.61	3.04	2.78	91	2.01	66	--	4H	2W	
32.61	35.66	3.05	2.91	95	1.73	57	--	4H	2W	
35.66	38.71	3.05	2.52	83	1.88	62	--	3H	2W	
38.71	41.76	3.05	2.54	83	1.02	33	--	4H	2W	
41.76	44.81	3.05	1.98	65	0.55	18	--	3H	2W	
44.81	47.85	3.04	2.56	84	0.53	17	--	4H	3W	
47.85	50.90	3.05	2.48	81	0.39	13	--	3H	3W	
50.90	53.95	3.05	2.53	83	0.96	31	--	3H	3W	
53.95	57.00	3.05	2.24	73	0.63	21	--	3H	2W	
57.00	60.05	3.05	2.93	96	1.16	38	--	4H	2W	
60.05	63.09	3.04	2.9	95	1.73	57	--	4H	1W	
63.09	66.14	3.05	2.9	95	1.50	49	--	4H	1W	
66.14	69.19	3.05	2.93	96	2.16	71	--	4H	2W	
69.19	72.24	3.05	2.8	92	1.74	57	--	4H	1W	
72.24	75.29	3.05	3.03	99	1.82	60	--	4H	1W	
75.29	78.33	3.04	2.89	95	1.62	53	--	4H	1W	
78.33	81.38	3.05	2.73	90	1.68	55	--	4H	1W	
81.38	84.43	3.05	2.8	92	1.93	63	--	4H	1W	
84.43	87.48	3.05	2.85	93	1.72	56	--	4H	1W	Two 20 degree joints

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.88	94	2.05	67	--	4H	1W	
90.53	93.57	3.04	2.58	85	0.82	27	--	3H	1W	
93.57	96.62	3.05	3.05	100	1.30	43	--	4H	1W	
96.62	99.67	3.05	2.49	82	1.80	59	--	4H	1W	
99.67	102.72	3.05	2.88	94	2.70	89	--	4H	1W	
102.72	105.77	3.05	2.8	92	1.69	55	--	4H	1W	
105.77	108.81	3.04	2.76	91	2.12	70	--	3H	1W	
108.81	111.86	3.05	2.58	85	1.31	43	--	4H	1W	
111.86	114.91	3.05	2.87	94	1.51	50	--	4H	1W	
114.91	117.96	3.05	2.86	94	2.47	81	--	4H	1W	
117.96	121.01	3.05	2.8	92	1.35	44	--	4H	1W	
121.01	124.05	3.04	2.95	97	0.68	22	--	4H	1W	
124.05	127.10	3.05	2.87	94	1.63	53	--	4H	1W	
127.10	130.15	3.05	2.94	96	2.04	67	--	2H	1W	
130.15	133.20	3.05	3	98	0.27	9	--	1H	1W	
133.20	136.25	3.05	2.89	95	1.25	41	--	3H	1W	
136.25	139.29	3.04	2.67	88	1.58	52	--	4H	1W	
139.29	142.34	3.05	2.93	96	1.59	52	--	4H	1W	
142.34	145.39	3.05	3.03	99	1.22	40	--	4H	1W	
145.39	148.44	3.05	2.83	93	1.14	37	--	3H	1W	
148.44	151.48	3.04	2.78	91	1.54	51	--	3H	1W	
151.48	154.53	3.05	2.86	94	1.60	52	--	4H	1W	
154.53	157.58	3.05	2.92	96	1.65	54	--	3H	1W	
157.58	160.63	3.05	2.79	91	2.41	79	--	4H	1W	
160.63	163.68	3.05	2.97	97	1.65	54	--	4H	1W	
163.68	166.73	3.05	2.81	92	0.83	27	--	3H	1W	
166.73	169.77	3.04	2.32	76	0.44	14	--	4H	1W	
169.77	172.82	3.05	2.75	90	1.43	47	--	4H	1W	
172.82	175.87	3.05	2.5	82	1.12	37	--	4H	1W	
175.87	178.92	3.05	2.36	77	1.11	36	--	2H	1W	
178.92	181.97	3.05	3.02	99	1.99	65	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.54	84	0.62	20	--	3H	1W	
185.01	188.06	3.05	2.87	94	0.96	31	--	3H	1W	
188.06	191.11	3.05	3	98	2.38	78	--	3H	1W	
191.11	194.16	3.05	2.88	94	2.00	66	--	3H	1W	
194.16	197.20	3.04	3	99	2.10	69	--	3H	1W	
197.20	200.25	3.05	2.95	97	2.35	77	--	3H	1W	
200.25	203.30	3.05	3.04	100	2.57	84	--	3H	1W	
203.30	206.35	3.05	3.04	100	2.06	68	--	3H	1W	
206.35	209.40	3.05	3.01	99	2.04	67	--	3H	1W	
209.40	212.45	3.05	3.02	99	2.66	87	--	3H	1W	
212.45	215.49	3.04	2.81	92	2.41	79	--	4H	1W	
215.49	218.24	2.75	2.51	91	2.01	73	--	3H	1W	
218.24	219.15	0.91	0.9	99	0.50	55	--	2H	1W	
219.15	222.20	3.05	3.05	100	1.55	51	--	3H	1W	
222.20	225.25	3.05	3.04	100	0.98	32	--	2H	1W	
225.25	228.30	3.05	3.05	100	1.95	64	--	3H	1W	
228.30	231.34	3.04	3.03	100	2.01	66	--	2H	1W	
231.34	234.39	3.05	3.05	100	1.92	63	--	3H	1W	
234.39	237.44	3.05	2.99	98	2.31	76	--	3H	1W	
237.44	240.49	3.05	3.05	100	1.77	58	--	3H	1W	
240.49	243.54	3.05	2.79	91	0.92	30	--	2H	1W	
243.54	246.58	3.04	3.03	100	1.48	49	--	2H	1W	
246.58	249.63	3.05	3.05	100	1.71	56	--	2H	1W	
249.63	252.68	3.05	3.05	100	2.02	66	--	3H	1W	
252.68	255.73	3.05	3.05	100	2.93	96	--	3H	1W	
255.73	258.78	3.05	2.89	95	2.49	82	--	4H	1W	
258.78	261.82	3.04	3.04	100	2.56	84	--	2H	1W	
261.82	264.87	3.05	2.97	97	2.12	70	--	4H	1W	
264.87	267.92	3.05	2.95	97	2.80	92	--	4H	1W	

KL-14-186

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	13	GRD	
5	15.6	GRD	
6	18.1	GRD	
7	13.2	GRD	
8	18	GRD	
9	15.5	GRD	
10	18	GRD	
11	8.47	GRD	
12	14.8	GRD	
13	15.2	GRD	
14	15.5	GRD	
15	1.59	GRD	
16	0.667	GRD	
17	16.1	GRD	
18	16.6	GRD	
19	16.7	GRD	
20	18.6	GRD	
21	15.8	GRD	
22	12.8	GRD	
23	16.1	GRD	
24	10.9	GRD	
25	16.1	GRD	
26	18.1	GRD	
27	19.8	GRD	
28	16.3	GRD	
29	17	GRD	
30	16.3	GRD	
31	16	GRD	
32	17.1	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	16.3	GRD	
34	0.633	GRD	
35	11.3	GRD	
36	8.86	GRD	
37	2.38	GRD	
38	11.1	GRD	
39	10.6	GRD	
40	12.6	GRD	
41	10.8	GRD	
42	14.7	GRD	
43	12.4	GRD	
44	21.8	GRD	
45	14.8	GRD	
46	10.2	GRD	
47	0.348	GRD	
48	12.6	GRD	
49	13.9	GRD	
50	7.62	GRD	
51	2.46	GRD	
52	0.516	GRD	
53	0.452	GRD	
54	1.21	GRD	
55	0.58	GRD	
56	0.368	GRD	
57	0.5	GRD	
58	8.79	GRD	
59	0.426	GRD	
60	4.34	GRD	
61	17.4	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	9.84	GRD	
63	11.8	GRD	
64	12.7	GRD	
65	15.5	GRD	
66	11.6	GRD	
67	10.5	GRD	
68	10.6	GRD	
69	11.2	GRD	
70	17.3	GRD	
71	18.5	GRD	
72	10.3	GRD	
73	7.09	GRD	
74	13.8	GRD	
75	13.5	GRD	
76	14.5	GRD	
77	0.558	GRD	
78	15.1	GRD	
79	15	GRD	
80	15.2	GRD	
81	14.1	GRD	
82	13.7	GRD	
83	15.9	GRD	
84	0.532	GRD	
85	16.5	GRD	
86	15.7	GRD	
87	17.8	GRD	
88	10.2	GRD	
89	0.621	GRD	
90	11	GRD	
91	2.88	GRD	
92	6.36	GRD	
93	3.96	GRD	
94	4.86	GRD	
95	0.662	GRD	
96	4.69	GRD	
97	0.627	GRD	
98	6.84	GRD	
99	15.2	GRD	
100	5.26	GRD	
101	0.833	GRD	
102	16	GRD	
103	15.1	GRD	
104	15.5	GRD	
105	8.37	GRD	
106	9.3	GRD	
107	10.2	GRD	
108	0.545	GRD	
109	3.76	GRD	
110	0.619	GRD	
111	4.08	GRD	
112	12.1	GRD	
113	17.4	GRD	
114	18.4	GRD	
115	1.17	GRD	
116	19.7	GRD	
117	21.4	GRD	
118	14	GRD	
119	16.2	GRD	
120	1.54	GRD	
121	4.1	GRD	
122	6.08	GRD	
123	6.37	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	16.5	GRD	
125	0.753	GRD	
126	6.66	GRD	
127	6.09	GRD	
128	0.701	GRD	
129	0.551	GRD	
130	0.461	GRD	
131	1.42	GRD	
132	0.819	GRD	
133	7.63	GRD	
134	18	GRD	
135	14.6	GRD	
136	16.8	GRD	
137	19	GRD	
138	18.3	GRD	
139	17.2	GRD	
140	16.9	GRD	
141	17.3	GRD	
142	9.56	GRD	
143	20	GRD	
144	17.8	GRD	
145	23.6	GRD	
146	8.86	GRD	
147	10.9	GRD	
148	0.421	GRD	
149	0.782	GRD	
150	15.1	GRD	
151	0.953	GRD	
152	3.09	GRD	
153	12.3	GRD	
154	1.06	GRD	
155	0.167	GRD	
156	1.64	GRD	
157	0.437	GRD	
158	2.2	GRD	
159	1.51	GRD	
160	7.3	GRD	
161	10.5	GRD	
162	10.2	GRD	
163	17.1	GRD	
164	5.3	GRD	
165	0.55	GRD	
166	2.34	GRD	
167	1.21	GRD	
168	7.61	GRD	
169	5.55	GRD	
170	4.9	GRD	
171	3.9	GRD	
173	3.9	GRD	
174	12.2	GRD	
175	12.7	GRD	
176	13.2	GRD	
177	5.75	GRD	
178	11.8	GRD	
179	1.43	GRD	
180	16.3	GRD	
181	20.9	GRD	
182	1.14	GRD	
183	0.407	GRD	
184	0.511	GRD	
185	0.259	GRD	
186	0.39	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
187	0.221	QFP	
188	0.399	QFP	
189	0.39	QFP	
190	0.42	GRD	
191	0.143	GRD	
192	0.403	GRD	
193	0.385	GRD	
194	4.4	GRD	
195	0.583	GRD	
196	0.42	GRD	
197	1.7	GRD	
198	1.08	GRD	
199	0.715	GRD	
200	14.5	GRD	
201	0.33	GRD	
202	0.602	GRD	
203	0.928	GRD	
204	0.557	GRD	
205	1.73	GRD	
206	0.746	GRD	
207	0.517	GRD	
208	1.58	GRD	
209	1.52	GRD	
210	4.18	GRD	
211	0.866	GRD	
212	2.79	GRD	
213	8.03	GRD	
214	1.26	GRD	
215	0.353	GRD	
216	0.69	GRD	
217	0.495	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
218	0.577	GRD	
219	0.177	GRD	
220	0.474	VEN	
221	0.37	VEN	
222	0.423	GRD	
223	0.594	GRD	
224	0.552	GRD	
225	0.484	GRD	
226	2.189	GRD	
227	1.374	GRD	
228	0.378	GRD	
229	0.728	GRD	
230	0.356	GRD	
231	0.38	GRD	
232	1.621	GRD	
233	0.417	GRD	
234	0.349	GRD	
235	0.358	GRD	
236	0.398	GRD	
237	0.369	GRD	
238	0.37	GRD	
239	0.466	GRD	
240	0.335	GRD	
241	0.313	GRD	
242	0.32	GRD	
243	0.415	GRD	
244	0.312	GRD	
245	1.353	GRD	
246	0.524	GRD	
247	0.315	GRD	
248	0.344	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
249	0.263	GRD	
250	0.31	GRD	
251	0.438	GRD	
252	0.313	GRD	
253	0.568	GRD	
254	3.866	GRD	
255	0.36	GRD	
256	1.119	GRD	
257	5.289	GRD	
258	0.414	GRD	
259	0.328	GRD	
260	0.416	GRD	
261	1.061	GRD	
262	9.925	GRD	
263	9.667	GRD	
264	0.334	GRD	
265	0.929	GRD	
266	16.18	GRD	
267	0.845	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382376	6890601	1322.42	258.17

ZONE: Western Klaza

SECTION:

HOLE: KL-14-187

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: NQ2

Casing Depth: 6.1m, Out

Drilling Dates: Jul 23 - Jul 26, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	34.89	-50	Calculated
255.11	40.4	-50.3	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.25	3.25	CAS
3.25	22	18.75	GRD
22	34.03	12.03	GRD
34.03	42.9	8.87	GRD
42.9	50.97	8.07	GRD
50.97	51.22	0.25	VEN
51.22	55.28	4.06	GRD
55.28	58.6	3.32	GRD
58.6	60.8	2.2	GRD
60.8	67.28	6.48	GRD
67.28	69.66	2.38	QFP
69.66	78.38	8.72	GRD
78.38	90.28	11.9	QFP
90.28	102.95	12.67	GRD
102.95	111.86	8.91	GRD
111.86	114.91	3.05	GRD

SAMPLES	
Numbers:	Q016934 to Q016937, Q927493 to Q927626
Total:	143
Batch:	102, 103, 104, 105, 112
Certificates:	WH14113780, WH14113781, WH14114871, WH14114872, WH14114877, WH14124433

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

114.91	120.7	5.79	GRD
120.7	125.39	4.69	GRD
125.39	141.6	16.21	GRD
141.6	146.23	4.63	GRD
146.23	160.59	14.36	GRD
160.59	167.07	6.48	GRD
167.07	171.44	4.37	GRD
171.44	173.03	1.59	GRD
173.03	194.82	21.79	GRD
194.82	200.25	5.43	GRD
200.25	204.17	3.92	GRD
204.17	211.78	7.61	GRD
211.78	212.52	0.74	BXA
212.52	224.95	12.43	GRD
224.95	230.62	5.67	GRD
230.62	233.81	3.19	GRD
233.81	243.56	9.75	GRD
243.56	248.73	5.17	GRD
248.73	252.36	3.63	GRD
252.36	253.72	1.36	QFP
253.72	258.17	4.45	GRD

Box Log

KL-14-187

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.25	6.09
2	6.09	10.5
3	10.5	14.65
4	14.65	19.03
5	19.03	23.09
6	23.09	27.17
7	27.17	31.47
8	31.47	35.66
9	35.66	39.87
10	39.87	44
11	44	48.16
12	48.16	52.32
13	52.32	56.9
14	56.9	61.06
15	61.06	65.39
16	65.39	69.39
17	69.39	73.75
18	73.75	77.98
19	77.98	81.82
20	81.82	85.85
21	85.85	90.09
22	90.09	94.27
23	94.27	98.55
24	98.55	102.72
25	102.72	106.81
26	106.81	111.32
27	111.32	115.09
28	115.09	119.26
29	119.26	123.23
30	123.23	127.57
31	127.57	131.78
32	131.78	136.05
33	136.05	140.15
34	140.15	144.45
35	144.45	148.52
36	148.52	153.15
37	153.15	157.24
38	157.24	160.53
39	160.53	165.78
40	165.78	169.99
41	169.99	174.14
42	174.14	178.49
43	178.49	182.87
44	182.87	187.23
45	187.23	191.53
46	191.53	195.87
47	195.87	200.1
48	200.1	204.43
49	204.43	210.43
50	210.43	214.5
51	214.5	218.45
52	218.45	222.37
53	222.37	226.65
54	226.65	230.85
55	230.85	233.62
56	233.62	237.5
57	237.5	242.26
58	242.26	245.46
59	245.46	249.66
60	249.66	253.88
61	253.88	258.17

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-187									
	49.11	10	NQ2	GRD	550.3	353.6	2.59	2.8	Moderate argillic altered granodiorite with strong propalytic overprint, blebby hematite and pyrite and moderate oxidation on fracture surfaces.
	51.06	12.6	NQ2	VEN	825.4	528.5	3.08	2.8	Vuggy sub-angular smoky quartz-calcite-ankerite vein breccia with blebby pyrite and sphalerite.
	69.66	12.2	NQ2	QFP	675.9	424.9	2.61	2.7	Fine light-dark smoky quartz-calcite breccia in moderate phyllic altered granodiorite.
	69.66	12.2	NQ2	GRD	675.9	424.9	2.61	2.7	Fine light-dark smoky quartz-calcite breccia in moderate phyllic altered granodiorite.
	122.19	20	NQ2	GRD	1150.8	735.1	2.71	2.8	Moderate-strong phyllic alterated granodiorite with moderate propalytic overprint and moderae silicification. Strong phyllic alteration around veins and veinlets. Cut by mineralized quartz-ankerite-calcite vein and veinlets and net textures and blebby pyrite.
	166.53	15	NQ2	GRD	847.5	531.8	2.66	2.7	Medium grey fine to cobble breccia with alterered granodiorite clasts, blebby galena, pyrite and blackjack sphalerite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	174.99	7.95	NQ2	GRD	1153.8	736.4	6.83	2.8	Strong phyllic altered granodiorite with moderate silicification and disseminated pyrite. Cut by mineralized quartz-ankerite-calcite vein with slight brecciated textures, blebby pyrite, honey brown sphalerite, galena and veinlets with similar compositions.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.25	13.71	10.46	GRD	MG	Granodiorite with light brown oxidation on fractures and patchy potassic, propylitic, and silicification.							
						MD	GY		SIL	1I		
						MD	GN		POT	1I		
						LT	GN	PA	OXI	1I		
						LT	PK		PRO	1I		
13.71	14.30	0.59	GRD	MG	Argillic vein halo with oxidation on quartz-carbonate vein.							
						MD	BN		ARG	3I		
						LT	WH		OXI	2I		
14.30	14.75	0.45	GRD	MG	Granodiorite with light brown oxidation on fractures and patchy potassic, propylitic, and silicification.							
						MD	GY		SIL	1I		
						MD	GN		POT	1I		
						LT	BN	PA	OXI	1I		
						LT	PK		PRO	1I		
14.75	17.05	2.30	GRD	MG	Argillic-phyllic vein halos with oxidation. Vein is white colloform carbonate vein.							
						MD	BN		ARG	3I		
						LT	WH		OXI	3I		
									PHC	2I		
17.05	22.00	4.95	GRD	MG	Granodiorite with light brown oxidation on fractures and patchy potassic, propylitic, and silicification.							
						MD	GY		SIL	1I		
						MD	GN		POT	1I		
						LT	BN	PA	OXI	1I		
						LT	PK		PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
22.00	34.03	12.03	GRD	MG	Propylitic and silicified granodiorite with patchy potassic and phyllic-argillic vein halos. Patchy oxidation, strongest in argillic and on fractures. Vein halos are dominant.							
						MD	GN	PA	OXI	3I		
						MD	BN		SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		
									ARG	2I		
									PHC	1I		
34.03	42.90	8.87	GRD	MG	Propylitic and silicified granodiorite with patchy potassic and phyllic-argillic vein halos. Patchy oxidation, strongest in argillic and on fractures.							
						MD	GY	PA	OXI	2I		
						MD	GN		ARG	1I		
						MD	PK		PRO	1I		
						MD	BN		SIL	1I		
									POT	1I		
42.90	43.61	0.71	GRD	MG	Argillic vein halo with potassic alteration and oxidation.							
						MD	BN		POT	1I		
						LT	WH		OXI	2I		
						LT	PK		ARG	2I		
43.61	45.17	1.56	GRD	MG	Mottled light and dark green chlorite and phyllic altered granodiorite with trace hematite.							
						MD	GN		PHC	3I		
						LT	GN	MO	OXI	1I	He	1
									CHL	3I		
									HEM	1I		
45.17	47.85	2.68	GRD	MG	Patchy phyllic-argillic vein halos with patchy propylitic and potassic alteration. Oxidation on fractures and argillic patches.							
						MD	BN		PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	OXI	3I		
						LT	PK		PHC	3I		
									ARG	2I		
									POT	1I		
47.85	49.67	1.82	GRD	MG	Mottled light and dark green chlorite and phyllic altered granodiorite with trace hematite.							
						MD	GN		CHL	3I	He	1
						LT	GN	MO	OXI	1I	Py	1
									PHC	3I		
									HEM	1I		
49.67	50.97	1.30	GRD	MG	Pervasive phyllic with patchy potassic and oxidation on fractures.							
						LT	GN		OXI	1I		
						LT	PK		PHC	3I		
									POT	1I		
50.97	51.22	0.25	VEN	MG	Banded white-grey-smoky quartz veins with interstitial calcite. Hosts disseminated-blebby pyrite, blebby honey brown sphalerite, and trace disseminated arsenopyrite.							
						MD	GY		SIL	3I	Py	5
						LT	GN		OXI	1I	As	1
									PHC	2I	Sp	2
51.22	55.28	4.06	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite with oxidation on fractures.							
						MD	GY		OXI	1I		
						MD	GN		SIL	2I		
						MD	BN		POT	2I		
						LT	PK		PRO	1I		
55.28	58.60	3.32	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite with oxidation on fractures.							
						MD	BN		SIL	2I		
						LT	GN	PA	OXI	1I		
						LT	PK		ARG	2I		
									PHC	3I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
58.60	60.80	2.20	GRD	MG	Mottled light-dark green chlorite and phyllic altered granodiorite.							
						MD	GN	MO	OXI	1I		
						LT	GN		PHC	2I		
									CHL	2I		
60.80	67.28	6.48	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic.							
						MD	GY		SIL	1I		
						MD	PK		PRO	2I		
									POT	2I		
67.28	69.66	2.38	QFP	FG	Oxidized and fractured top contact with granodiorite. Gouged 70 TCA bottom contact. Light-medium maroon quartz feldspar porphyry dyke with pervasive silicification, hydrothermal, and fracture-associated oxidation.							
						LT	MR	PO	SIL	1I		
									OXI	1I		
									HYD	4I		
69.66	78.38	8.72	GRD	MG	Granodiorite with patchy alterations resulting from quartz feldspar porphyry dyke and vein-associated alterations. Stronger mineralization adjacent to quartz feldspar porphyry dyke contacts.							
						MD	GN	PA	OXI	1I		
						LT	WH		ARG	2I		
						LT	PK		SIL	2I		
						LT	GN		PHC	2I		
									POT	1I		
									PRO	2I		
78.38	90.28	11.90	QFP	FG	Sharp 45 TCA top and bottom contacts. Medium maroon-grey quartz feldspar porphyry dyke with oxidation on fractures.							
						MD	MR	PO	OXI	1I		
						MD	GY		SIL	1I		
						LT	BN		HYD	4I		
90.28	100.33	10.05	GRD	MG	Pervasive silicification, propylitic, and potassic.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PA	SIL	2I		
						MD	PK		PRO	2I		
						LT	GN		POT	2I		
100.33	101.67	1.34	GRD	MG	Phyllic-argillic vein-halo with white-grey quartz veins hosting disseminated pyrite.							
						LT	GN		PHC	2I	Py	1
						LT	WH		ARG	1I		
101.67	102.95	1.28	GRD	MG	Pervasive silicification, propylitic, and potassic.							
						MD	GY	PA	SIL	2I		
						MD	PK		PRO	2I		
						LT	GN		POT	2I		
									PHC	1I		
102.95	105.77	2.82	GRD	MG	Patchy overprinting propylitic, potassic, and argillic.							
						MD	GN	PA	PRO	2I		
						MD	PK		ARG	2I		
						LT	WH		POT	2I		
105.77	108.50	2.73	GRD	MG	Pervasive propylitic, potassic, and silicification.							
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
									POT	2I		
108.50	111.86	3.36	GRD	MG	Patchy overprinting propylitic, potassic, and argillic.							
						MD	GN	PA	PRO	2I		
						MD	PK		ARG	2I		
						LT	WH		POT	2I		
111.86	114.91	3.05	GRD	MG	Phyllic-argillic halo on smoky quartz breccia and grey-smoky quartz-carbonate vein breccia. Patchy propylitic, silicification, and potassic.							
						LT	GN	PA	SIL	1I		
						LT	WH		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	1I		
									POT	1I		
									ARG	2I		
114.91	120.70	5.79	GRD	MG	Pervasive silicification, propylitic, and potassic.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
120.70	125.39	4.69	GRD	MG	Phyllic-argillic with potassic overprint on argillic. Cut by a few quartz carbonate veins. Argillic at distal edges of interval.							
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
						LT	PK		ARG	1I		
									POT	1I		
125.39	141.60	16.21	GRD	MG	Pervasive silicification, propylitic, and potassic alterations.							
						MD	PK		PRO	2I		
						MD	GY		SIL	2I		
									POT	1I		
141.60	146.23	4.63	GRD	MG	Phyllic-argillic with potassic overprint on argillic. Cut by a few quartz carbonate veins. Argillic at distal edges of interval.							
						LT	WH		PHC	3I		
						LT	PK		ARG	1I		
						LT	GN		SIL	2I		
									POT	1I		
146.23	160.59	14.36	GRD	MG	Pervasive silicification, propylitic, and potassic alterations.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
160.59	166.51	5.92	BXA	FG	Grey smoky quartz breccia with disseminated pyrite and granodiorite clasts.							
						LT	GN					
						DK	GY	BX	PHC	1I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
166.51	167.07	0.56	GRD	MG	Phyllic-argillic with potassic overprint on argillic. Cut by a few quartz carbonate veins. Argillic at distal edges of interval.							
						LT	PK		ARG	1I		
						LT	GN		PHC	1I		
									POT	1I		
167.07	171.44	4.37	GRD	MG	Phyllic-argillic with potassic overprint on argillic. Cut by a few quartz carbonate veins. Argillic at distal edges of interval.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
171.44	173.03	1.59	GRD	MG	Phyllic-argillic vein halo with potassic overprint and banded smoky quartz-carbonate vein.							
						LT	GN		PHC	2I		
						LT	PK		POT	1I		
									ARG	2I		
173.03	174.56	1.53	GRD	MG	Granodiorite with propylitic and potassic alteration.							
						MD	GY		SIL	2I		
						MD	PK		POT	2I		
									PRO	2I		
174.56	174.87	0.31	QFP	FG	Green quartz feldspar porphyry dyklet.							
						MD	GN	PO	HYD	4I		
174.87	178.42	3.55	GRD	MG	Patchy potassic, argillic, and phyllic vein halos on banded carbonate-smoky quartz veins.							
						MD	PK		ARG	2I		
						LT	GN	PA	SIL	1I	Py	1
						LT	WH		POT	2I		
									PHC	2I		
178.42	184.08	5.66	GRD	MG	Granodiorite with propylitic and potassic alteration.							
						MD	GY		SIL	2I		
						MD	PK		POT	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
184.08	184.97	0.89	GRD	MG	Argillic and potassic alteration on quartz-carbonate vein. Narrow phyllic inner halos.							
						MD	PK		ARG	2I		
						LT	WH		SIL	1I		
									POT	2I		
184.97	191.11	6.14	GRD	MG	Granodiorite with propylitic and potassic alteration.							
						MD	GY		SIL	2I		
						MD	PK		POT	2I		
									PRO	2I		
191.11	193.18	2.07	GRD	MG	Patchy potassic, argillic, and phyllic vein halos on banded carbonate-smoky quartz veins.							
						MD	PK		ARG	2I		
						LT	GN	PA	SIL	1I		
						LT	WH		POT	2I		
									PHC	2I		
193.18	194.82	1.64	GRD	MG	Granodiorite with propylitic and potassic alteration.							
						MD	GY		SIL	2I		
						MD	PK		POT	2I		
									PRO	2I		
194.82	200.25	5.43	GRD	MG	Strong pervasive phyllic and silicified granodiorite with patches of chlorite and hematization. Phyllic and chlorite alteration gives a mottled light-dark green colour. Hematization is blebby red hematite with disseminated pyrite.							
						MD	GN	MO	SIL	2I	Py	1
						LT	GN		CHL	3I		
						DK	GN		PHC	4I	He	1
									HEM	1I		
200.25	204.17	3.92	GRD	MG	Moderate-strong phyllic halo on several well-mineralized veins. Significant gouge development with disseminated pyrite throughout.							
						MD	GY	RB	ARG	1I		
						LT	GN	FR	PHC	3I	Py	5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									CLY	2I		
204.17	211.78	7.61	GRD	MG	Weakly fractured granodiorite with pervasive propylitic, silicification, and potassic alteration. Rare vein-associated phyllic and argillic.							
						MD	GN	FR	SIL	2I		
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						LT	GN		PHC	1I		
									ARG	1I		
211.78	212.52	0.74	BXA	FG	Green-grey smoky quartz breccia with cobble-sized phyllic altered granodiorite fragments. Disseminated pyrite in smoky quartz.							
						MD	GN	BX	SIL	2I	Py	5
						MD	GY		PHC	3I		
212.52	224.95	12.43	GRD	MG	Granodiorite with patchy and vein-associated phyllic-argillic. Patchy silicification and potassic overprints on phyllic, argillic, and propylitic. Cut by white carbonate-quartz veinlets. Little to no pyrite.							
						MD	GY	PA	SIL	2I		
						MD	PK		PRO	2I		
						MD	GN		PHC	3I		
						LT	WH		POT	2I		
						LT	GN		ARG	3I		
224.95	230.62	5.67	GRD	MG	Pervasive propylitic and silicification with patchy potassic. Vein-associated argillic and weak hematizaion on fractures.							
						MD	GN	PA	SIL	2I		
						MD	RD		ARG	1I		
						LT	WH		PRO	2I		
									POT	2I		
									HEM	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
230.62	233.81	3.19	GRD	MG	Pervasive phyllic that partially destroys textures. Moderate silica overprint. Recovery is fractured, including a >1m interval of drilling mud with vein fragments from 203.40m.							
						MD	GN	FR	SIL	3I	Py	1
								RB	PHC	3I		
233.81	243.56	9.75	GRD	MG	Patchy phyllic and hematite altered granodiorite with pervasive silica overprint. Silicification manifests as white quartz eyes. Hematization is focused on fractures. Moderate fracturing. Cut by rare smoky quartz veins with pyrite and chalcopyrite.							
						MD	RD	PA	SIL	3I	He	2
						MD	GN	FR	PHC	2I		
						LT	GN		HEM	2I		
243.56	248.73	5.17	GRD	MG	Pervasive propylitic, silicified, and potassic altered granodiorite.							
						MD	GN		SIL	3I		
						LT	PK		PRO	2I		
									POT	1I		
248.73	252.36	3.63	GRD	MG	Pervasive propylitic, silicified, and potassic altered granodiorite with vein-associated argillic-phyllic. Cut by narrow quartz feldspar porphyry dyklet and two banded carbonate-smoky quartz veins with pyrite. Narrow smoky quartz breccia at quartz feldspar porphyry dyke contact.							
						MD	GN	PA	SIL	2I		
						MD	PK		POT	1I		
						LT	WH		PRO	2I		
									PHC	2I		
									ARG	2I		
252.36	253.72	1.36	QFP	FG	65 TCA sharp top contact, 40 TCA sharp bottom contact. Chilled margins are tan, while quartz feldspar porphyry dyke is mostly a medium burnt orange-sienna.							
						MD	OR		HYD	4I		
						LT	TN	PO	SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
253.72	258.17	4.45	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite. EOH							
						MD	GN		POT	1I		
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.25	22.00	18.75	GRD	MG	Granodiorite with light brown oxidation on fractures and patchy potassic, propylitic, and silicification. Vein-associated argillic with stronger oxidation.							
									ARG	1I		
						MD	GN		POT	1I		
						LT	PK		PRO	1I		
						MD	GY		SIL	1I		
						LT	BN	PA	OXI	1I		
22.00	34.03	12.03	GRD	MG	Propylitic and silicified granodiorite with patchy potassic and phyllic-argillic vein halos. Patchy oxidation, strongest in argillic and on fractures. Vein halos are dominant.							
									ARG	2I		
									POT	1I		
						MD	PK		PRO	3I		
						MD	GN		SIL	1I		
						MD	BN	PA	OXI	3I		
									PHC	1I		
34.03	42.90	8.87	GRD	MG	Propylitic and silicified granodiorite with patchy potassic and phyllic-argillic vein halos. Patchy oxidation, strongest in argillic and on fractures.							
						MD	PK		PRO	1I		
						MD	GN	PA	OXI	2I		
						MD	BN		ARG	1I		
						MD	GY		SIL	1I		
									POT	1I		
42.90	50.97	8.07	GRD	MG	Granodiorite with unusual patches of chlorite-hematite alteration with mottled green-white colouration. These patches have blebby pyrite and hematite.							
						MD	GN	PA	OXI	2I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									CHL	2I		
									PHC	2I		
									PRO	1I		
						MD	BN		POT	1I		
						LT	GN		HEM	1I		
						MD	GY		SIL	2I		
50.97	51.22	0.25	VEN	MG	Banded white-grey-smoky quartz veins with interstitial calcite. Hosts disseminated-blebby pyrite, blebby honey brown sphalerite, and trace disseminated arsenopyrite.							
									PHC	2I	Sp	2
						LT	GN		OXI	1I	Py	5
						MD	GY		SIL	3I	As	1
51.22	55.28	4.06	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite with oxidation on fractures.							
						MD	BN		POT	2I		
						MD	GN		SIL	2I		
						MD	GY		OXI	1I		
						LT	PK		PRO	1I		
55.28	58.60	3.32	GRD	MG	Patchy phyllic-argillic vein halos with oxidation on fractures.							
									POT	1I		
									PHC	3I		
						LT	PK		ARG	2I		
						MD	BN		SIL	2I		
						LT	GN	PA	OXI	1I		
58.60	60.80	2.20	GRD	MG	Mottled light-dark green chlorite and phyllic altered granodiorite.							
						LT	GN	MO	OXI	1I		
									CHL	2I		
						MD	GN		PHC	2I		
60.80	67.28	6.48	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic.							
						MD	GY		SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
						MD	PK		PRO	2I		
67.28	69.66	2.38	QFP	FG	Oxidized and fractured top contact with granodiorite. Gouged 70 TCA bottom contact. Light-medium maroon quartz feldspar porphyry dyke with pervasive silicification, hydrothermal, and fracture-associated oxidation.							
									HYD	4I		
						LT	MR	PO	OXI	1I		
									SIL	1I		
69.66	78.38	8.72	GRD	MG	Granodiorite with patchy alterations resulting from quartz feldspar porphyry dyke and vein-associated alterations. Stronger mineralization adjacent to quartz feldspar porphyry dyke contacts.							
						MD	GY	PA	SIL	2I		
						MD	PK		PRO	2I		
						LT	GN		POT	2I		
									PHC	1I		
78.38	90.28	11.90	QFP	FG	Sharp 45 TCA top contact, sharp 45 TCA bottom contact. Medium maroon-grey quartz feldspar porphyry dyke with oxidation on fractures.							
						MD	MR	PO	OXI	1I		
						MD	GY		SIL	1I		
						LT	BN		HYD	4I		
90.28	102.95	12.67	GRD	MG	Pervasive silicification, propylitic, and potassic with vein-associated phyllic.							
									PHC	1I		
						MD	GY	PA	SIL	2I		
						LT	GN		POT	2I		
						MD	PK		PRO	2I		
102.95	111.86	8.91	GRD	MG	Patchy propylitic, argillic, potassic, silicification, and vein-associated phyllic.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	2I		
						LT	GN		ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		POT	2I		
									PHC	2I		
111.86	114.91	3.05	GRD	MG	Phyllic-argillic halo on smoky quartz breccia and grey-smoky quartz-carbonate vein breccia. Patchy propylitic, silicification, and potassic.							
									POT	1I		
						LT	GN	PA	SIL	1I		
						LT	WH		PHC	3I		
									ARG	2I		
									PRO	1I		
114.91	120.70	5.79	GRD	MG	Pervasive silicification, propylitic, and potassic.							
									POT	1I		
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
120.70	125.39	4.69	GRD	MG	Phyllic-argillic with potassic overprint on argillic. Cut by a few quartz carbonate veins. Argillic at distal edges of interval.							
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
						LT	PK		ARG	1I		
									POT	1I		
125.39	141.60	16.21	GRD	MG	Pervasive silicification, propylitic, and potassic alterations.							
						MD	PK		PRO	2I		
						MD	GY		SIL	2I		
									POT	1I		
141.60	146.23	4.63	GRD	MG	Phyllic-argillic with potassic overprint on argillic. Cut by a few quartz carbonate veins. Argillic at distal edges of interval.							
						LT	PK		ARG	1I		
						LT	WH		PHC	3I		
									POT	1I		
						LT	GN		SIL	2I		
146.23	160.59	14.36	GRD	MG	Pervasive silicification, propylitic, and potassic alterations.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
									POT	1I		
						MD	GY		SIL	2I		
160.59	167.07	6.48	GRD	MG	Phyllic-argillic with potassic overprint on argillic. Cut by a few quartz carbonate veins. Argillic at distal edges of interval. Cut by smoky quartz breccia.							
									POT	1I		
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
						LT	PK		ARG	1I		
167.07	171.44	4.37	GRD	MG	Pervasive silicification, propylitic, and potassic alteration.							
									POT	1I		
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
171.44	173.03	1.59	GRD	MG	Phyllic-argillic vein halo with potassic overprint and banded smoky quartz-carbonate vein.							
						LT	GN		PHC	2I		
						LT	PK		POT	1I		
									ARG	2I		
173.03	194.82	21.79	GRD	MG	Dominated by granodiorite with propylitic and potassic alteration. Wide patches of phyllic-argillic vein halos.							
									POT	2I		
									PRO	2I		
									ARG	1I		
								PA	SIL	2I		
									PHC	1I		
194.82	200.25	5.43	GRD	MG	Strong pervasive phyllic and silicified granodiorite with patches of chlorite and hematization. Phyllic and chlorite alteration gives a mottled light-dark green colour. Hematization is blebby red hematite with disseminated pyrite.							
						MD	GN	MO	SIL	2I	Py	1
						DK	GN		PHC	4I	He	1
						LT	GN		CHL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									HEM	1I		
200.25	204.17	3.92	GRD	MG	Moderate-strong phyllic halo on several well-mineralized veins. Significant gouge development with disseminated pyrite throughout.							
						LT	GN	FR	PHC	3I	Py	5
						MD	GY	RB	ARG	1I		
									CLY	2I		
204.17	211.78	7.61	GRD	MG	Weakly fractured granodiorite with pervasive propylitic, silicification, and potassic alteration. Rare vein-associated phyllic and argillic.							
						LT	GN		PHC	1I		
									ARG	1I		
						MD	GY		PRO	2I		
						MD	GN	FR	SIL	2I		
						MD	PK		POT	2I		
211.78	212.52	0.74	BXA	FG	Green-grey smoky quartz breccia with cobble-sized phyllic altered granodiorite fragments. Disseminated pyrite in smoky quartz.							
						MD	GY		PHC	3I		
						MD	GN	BX	SIL	2I	Py	5
212.52	224.95	12.43	GRD	MG	Granodiorite with patchy and vein-associated phyllic-argillic. Patchy silicification and potassic overprints on phyllic, argillic, and propylitic. Cut by white carbonate-quartz veinlets. Little to no pyrite.							
						MD	GY	PA	SIL	2I		
						MD	GN		PHC	3I		
						LT	GN		ARG	3I		
						LT	WH		POT	2I		
						MD	PK		PRO	2I		
224.95	230.62	5.67	GRD	MG	Pervasive propylitic and silicification with patchy potassic. Vein-associated argillic and weak hematizaion on fractures.							
						MD	GN	PA	SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									HEM	1I		
									POT	2I		
						LT	WH		PRO	2I		
						MD	RD		ARG	1I		
230.62	233.81	3.19	GRD	MG	Pervasive phyllic that partially destroys textures. Moderate silica overprint. Recovery is fractured, including a >1m interval of drilling mud with vein fragments from 203.40m.							
						MD	GN	RB	SIL	3I	Py	1
								FR	PHC	3I		
233.81	243.56	9.75	GRD	MG	Patchy phyllic and hematite altered granodiorite with pervasive silica overprint. Silicification manifests as white quartz eyes. Hematization is focused on fractures. Moderate fracturing. Cut by rare smoky quartz veins with pyrite and chalcopyrite.							
						LT	GN		HEM	2I		
						MD	GN	FR	PHC	2I		
						MD	RD	PA	SIL	3I	He	2
243.56	248.73	5.17	GRD	MG	Pervasive propylitic, silicified, and potassic altered granodiorite.							
						LT	PK		PRO	2I		
									POT	1I		
						MD	GN		SIL	3I		
248.73	252.36	3.63	GRD	MG	Pervasive propylitic, silicified, and potassic altered granodiorite with vein-associated argillic-phyllic. Cut by narrow quartz feldspar porphyry dyklet and two banded carbonate-smoky quartz veins with pyrite. Narrow smoky quartz breccia at quartz feldspar porphyry dyke contact.							
						MD	GN	PA	SIL	2I		
						LT	WH		PRO	2I		
						MD	PK		POT	1I		
									PHC	3I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
252.36	253.72	1.36	QFP	FG	65 TCA sharp top contact, 40 TCA sharp bottom contact. Chilled margins are tan, while quartz feldspar porphyry dyke is mostly a medium burnt orange-sienna.							
						LT	TN	PO	SIL	2I		
						MD	OR		HYD	4I		
253.72	258.17	4.45	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite. EOH							
						MD	GN		POT	1I		
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		

KL-14-187

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.25	3.25	0	0	0.00	0	--	--	--	
3.25	5.18	1.93	1.56	81	0.53	27	--	2H	4W	
5.18	8.22	3.04	2.91	96	1.07	35	--	4H	3W	
8.22	11.28	3.06	2.66	87	1.05	34	--	4H	2W	
11.28	14.35	3.07	2.53	82	1.48	48	--	4H	2W	
14.35	17.37	3.02	2.07	69	0.90	30	--	3H	3W	
17.37	20.42	3.05	2.63	86	1.55	51	--	4H	2W	
20.42	23.47	3.05	2.78	91	2.30	75	--	3H	3W	
23.47	26.52	3.05	2.69	88	1.82	60	--	3H	3W	
26.52	29.57	3.05	2.75	90	1.67	55	--	3H	3W	
29.57	32.61	3.04	2.61	86	1.36	45	--	2H	3W	
32.61	35.66	3.05	2.57	84	1.72	56	--	3H	3W	
35.66	38.71	3.05	2.7	89	1.87	61	--	4H	2W	
38.71	41.76	3.05	2.48	81	0.68	22	--	4H	3W	
41.76	44.81	3.05	2.89	95	1.60	52	--	4H	3W	
44.81	47.85	3.04	2.6	86	1.51	50	--	3H	3W	
47.85	50.90	3.05	2.64	87	1.67	55	--	3H	3W	
50.90	53.95	3.05	2.67	88	1.67	55	--	4H	2W	
53.95	57.00	3.05	2.57	84	2.29	75	--	3H	2W	
57.00	60.05	3.05	2.6	85	1.14	37	--	3H	3W	
60.05	63.09	3.04	2.67	88	1.50	49	--	4H	2W	
63.09	66.14	3.05	2.74	90	1.38	45	--	4H	2W	
66.14	69.20	3.06	2.5	82	1.17	38	--	3H	2W	
69.20	72.24	3.04	2.74	90	1.46	48	--	3H	1W	
72.24	75.29	3.05	2.72	89	1.87	61	--	3H	1W	
75.29	78.33	3.04	3	99	2.82	93	--	3H	1W	
78.33	81.38	3.05	2.91	95	1.86	61	--	3H	1W	
81.38	84.43	3.05	2.8	92	1.35	44	--	3H	1W	
84.43	87.48	3.05	2.98	98	2.57	84	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.84	93	1.90	62	--	3H	1W	
90.53	93.57	3.04	3.04	100	2.64	87	--	3H	1W	
93.57	96.62	3.05	3.05	100	2.66	87	--	4H	1W	
96.62	99.67	3.05	3.01	99	2.71	89	--	4H	1W	
99.67	102.72	3.05	2.98	98	2.64	87	--	3H	1W	
102.72	105.77	3.05	3	98	2.27	74	--	3H	1W	
105.77	108.81	3.04	3.04	100	1.82	60	--	4H	1W	
108.81	111.86	3.05	3	98	2.15	70	--	4H	1W	
111.86	114.91	3.05	2.89	95	1.95	64	--	4H	1W	
114.91	117.96	3.05	2.97	97	2.47	81	--	4H	1W	
117.96	121.01	3.05	2.96	97	2.52	83	--	4H	1W	
121.01	124.05	3.04	3.04	100	1.97	65	--	3H	1W	
124.05	127.10	3.05	2.94	96	1.73	57	--	4H	1W	
127.10	130.15	3.05	3.05	100	2.42	79	--	4H	1W	
130.15	133.20	3.05	2.92	96	1.68	55	--	4H	1W	
133.20	136.25	3.05	2.91	95	1.79	59	--	4H	1W	
136.25	139.29	3.04	2.95	97	2.80	92	--	4H	1W	
139.29	142.34	3.05	3.05	100	2.45	80	--	4H	1W	
142.34	145.39	3.05	3.05	100	2.32	76	--	3H	1W	
145.39	148.44	3.05	3.05	100	1.98	65	--	4H	1W	
148.44	151.49	3.05	2.74	90	1.70	56	--	4H	1W	
151.49	154.53	3.04	2.85	94	2.32	76	--	4H	1W	
154.53	157.58	3.05	3.05	100	3.05	100	--	3H	1W	
157.58	160.63	3.05	3.01	99	2.83	93	--	3H	1W	
160.63	163.68	3.05	2.98	98	2.34	77	--	3H	1W	
163.68	166.73	3.05	2.9	95	1.88	62	--	3H	1W	
166.73	169.77	3.04	2.94	97	2.87	94	--	4H	1W	
169.77	172.82	3.05	2.98	98	2.51	82	--	3H	1W	
172.82	175.87	3.05	3.05	100	2.32	76	--	3H	1W	
175.87	178.92	3.05	3.04	100	3.04	100	--	3H	1W	
178.92	181.97	3.05	2.99	98	2.99	98	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3	99	2.36	78	--	4H	1W	
185.01	188.06	3.05	3.05	100	3.05	100	--	4H	1W	
188.06	191.11	3.05	2.97	97	2.17	71	--	4H	1W	
191.11	194.16	3.05	3.05	100	2.92	96	--	4H	1W	
194.16	197.21	3.05	2.95	97	2.42	79	--	3H	1W	
197.21	200.25	3.04	3.04	100	2.47	81	--	3H	1W	
200.25	203.30	3.05	2.45	80	0.17	6	--	1H	1W	
203.30	206.35	3.05	2.01	66	0.22	7	--	1H	1W	
206.35	209.40	3.05	1.37	45	0.00	0	--	2H	2W	
209.40	212.45	3.05	2.81	92	1.23	40	--	2H	3W	
212.45	215.49	3.04	2.77	91	0.77	25	--	3H	3W	
215.49	218.54	3.05	3.03	99	0.80	26	--	3H	2W	
218.54	221.59	3.05	2.96	97	1.98	65	--	3H	1W	
221.59	224.64	3.05	3.01	99	1.65	54	--	3H	1W	
224.64	227.69	3.05	3.01	99	1.92	63	--	3H	1W	
227.69	230.73	3.04	3.04	100	2.26	74	--	3H	1W	
230.73	233.78	3.05	3.05	100	0.23	8	--	2H	3W	
233.78	236.83	3.05	2.95	97	1.90	62	--	3H	1W	
236.83	239.88	3.05	3.05	100	1.40	46	--	3H	1W	
239.88	242.93	3.05	3.03	99	1.77	58	--	2H	3W	
242.93	245.97	3.04	2.98	98	2.98	98	--	3H	1W	
245.97	249.02	3.05	3.05	100	2.97	97	--	3H	1W	
249.02	252.07	3.05	2.9	95	2.31	76	--	3H	1W	
252.07	255.12	3.05	3	98	2.60	85	--	3H	1W	
255.12	258.17	3.05	2.82	92	2.82	92	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	18.7	GRD	
5	15.9	GRD	
6	19	GRD	
7	15.2	GRD	
8	10.3	GRD	
9	14.3	GRD	
10	16.3	GRD	
11	17.7	GRD	
12	16.8	GRD	
13	19.7	GRD	
14	0.383	GRD	
15	3.77	GRD	
16	1.25	GRD	
17	3.97	GRD	
18	7.79	GRD	
19	12.3	GRD	
20	15.2	GRD	
21	7.93	GRD	
22	0.387	GRD	
22	0.387	GRD	
23	0.304	GRD	
24	0.527	GRD	
25	1.68	GRD	
26	0.244	GRD	
27	0.379	GRD	
28	0.619	GRD	
29	1.54	GRD	
30	0.507	GRD	
31	3.36	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	0.245	GRD	
33	0.406	GRD	
34	0.342	GRD	
35	2.3	GRD	
36	15.4	GRD	
37	20.6	GRD	
38	8.93	GRD	
39	18	GRD	
40	0.982	GRD	
41	0.58	GRD	
42	20.5	GRD	
43	1.83	GRD	
44	0.574	GRD	
45	0.439	GRD	
46	0.388	GRD	
47	0.422	GRD	
48	0.504	GRD	
49	0.375	GRD	
50	0.398	GRD	
51	0.136	VEN	
52	4.38	GRD	
53	12.1	GRD	
54	3.84	GRD	
55	1.43	GRD	
56	0.157	GRD	
57	0.28	GRD	
58	0.418	GRD	
59	0.686	GRD	
60	0.531	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	1.62	GRD	
62	17.2	GRD	
63	6.7	GRD	
64	7.11	GRD	
65	7.33	GRD	
66	11.1	GRD	
67	0.451	GRD	
68	0.365	QFP	
69	0.295	QFP	
70	0.391	GRD	
71	0.218	GRD	
72	0.473	GRD	
73	3.64	GRD	
74	4.05	GRD	
75	3.75	GRD	
76	0.497	GRD	
77	0.775	GRD	
78	0.37	GRD	
79	0.267	QFP	
80	0.221	QFP	
81	0.179	QFP	
82	0.261	QFP	
83	0.678	QFP	
84	0.157	QFP	
85	0.962	QFP	
86	0.328	QFP	
87	0.552	QFP	
88	0.163	QFP	
89	0.451	QFP	
90	0.153	QFP	
91	0.675	GRD	
92	0.964	GRD	
93	6.09	GRD	
94	15.1	GRD	
95	7.43	GRD	
96	9.99	GRD	
97	4.39	GRD	
98	6.88	GRD	
99	0.356	GRD	
100	10.4	GRD	
101	0.453	GRD	
102	10.9	GRD	
103	1.15	GRD	
104	0.539	GRD	
105	0.37	GRD	
106	2	GRD	
107	20.1	GRD	
108	7.23	GRD	
109	1.31	GRD	
110	0.94	GRD	
111	4.25	GRD	
112	0.674	GRD	
113	0.358	GRD	
114	0.407	GRD	
115	0.532	GRD	
116	20.1	GRD	
117	0.956	GRD	
118	4.34	GRD	
119	11.3	GRD	
120	5.57	GRD	
121	0.326	GRD	
122	0.326	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
123	0.235	GRD	
124	0.313	GRD	
125	0.388	GRD	
126	20	GRD	
127	19.8	GRD	
128	19.1	GRD	
129	19.4	GRD	
130	18.2	GRD	
131	17.7	GRD	
132	18.4	GRD	
133	18.5	GRD	
134	21.5	GRD	
135	18.1	GRD	
136	0.762	GRD	
137	16.8	GRD	
138	12.8	GRD	
139	15.4	GRD	
140	13.5	GRD	
141	16.8	GRD	
142	16.8	GRD	
143	0.389	GRD	
144	0.893	GRD	
145	0.307	GRD	
146	0.387	GRD	
147	16.2	GRD	
148	17.5	GRD	
149	17.7	GRD	
150	18	GRD	
151	18.7	GRD	
152	16.8	GRD	
153	17.3	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
154	18.6	GRD	
155	20.6	GRD	
156	15.3	GRD	
157	19	GRD	
158	20	GRD	
159	17.9	GRD	
160	17.5	GRD	
161	16	GRD	
162	1.08	GRD	
163	0.17	GRD	
164	0.06	GRD	
165	0.326	GRD	
166	0.55	GRD	
167	0.387	GRD	
168	17.6	GRD	
169	16.8	GRD	
170	12.7	GRD	
171	8.16	GRD	
172	0.348	GRD	
173	0.847	GRD	
174	1.57	GRD	
175	0.275	GRD	
176	0.61	GRD	
177	7.43	GRD	
178	0.269	GRD	
179	4.52	GRD	
180	12.5	GRD	
181	1.65	GRD	
182	6.43	GRD	
183	0.627	GRD	
184	5.48	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
185	2.76	GRD	
186	13	GRD	
187	1.22	GRD	
188	18.2	GRD	
189	11.4	GRD	
190	2.24	GRD	
191	14.4	GRD	
192	0.836	GRD	
193	1.86	GRD	
194	8.99	GRD	
195	0.585	GRD	
196	0.541	GRD	
197	0.618	GRD	
198	16.4	GRD	
199	0.714	GRD	
200	0.862	GRD	
201	0.778	GRD	
202	0.146	GRD	
203	0.2	GRD	
204	0.212	GRD	
205	1.23	GRD	
206	17.4	GRD	
207	21.8	GRD	
208	2.36	GRD	
209	0.35	GRD	
210	5.84	GRD	
211	1.83	GRD	
212	0.329	BXA	
213	7.05	GRD	
214	0.368	GRD	
215	5.68	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
216	12.5	GRD	
217	0.447	GRD	
218	1.02	GRD	
219	0.894	GRD	
220	0.623	GRD	
221	0.51	GRD	
222	0.222	GRD	
223	0.534	GRD	
224	0.665	GRD	
225	10.6	GRD	
226	20.8	GRD	
227	5.54	GRD	
228	2.81	GRD	
229	9.98	GRD	
230	8.78	GRD	
231	0.473	GRD	
232	0.359	GRD	
233	0.38	GRD	
234	4.68	GRD	
235	2.17	GRD	
236	0.315	GRD	
237	0.318	GRD	
238	0.364	GRD	
239	0.468	GRD	
240	0.408	GRD	
241	0.351	GRD	
242	0.462	GRD	
243	0.447	GRD	
244	4.97	GRD	
245	2.51	GRD	
246	2.73	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
247	5.69	GRD	
248	1.57	GRD	
249	0.444	GRD	
250	0.37	GRD	
251	0.252	GRD	
252	0.233	GRD	
253	0.286	QFP	
254	0.341	GRD	
255	2.06	GRD	
256	3.75	GRD	
257	3.9	GRD	
258	10.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381700	6889981	1301.87	230.73

ZONE: Western BRX

SECTION:

HOLE: KL-14-188

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 24 - Jul 27, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	34.63	-50	Calculated
230.73	34.98	-51.3	Calculated

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.46	3.46	CAS
3.46	60.05	56.59	GRD
60.05	143.05	83	GRD
143.05	151.64	8.59	GRD
151.64	172.85	21.21	GRD
172.85	208.34	35.49	GRD
208.34	210.13	1.79	GRD
210.13	211.24	1.11	QFP
211.24	213.02	1.78	GRD
213.02	214.58	1.56	QFP
214.58	215.27	0.69	BXA
215.27	217.32	2.05	GRD
217.32	218.63	1.31	VEN
218.63	221.31	2.68	GRD
221.31	230.73	9.42	GRD

SAMPLES	
Numbers:	Q016943 to Q016951, Q926315 to Q926374
Total:	84
Batch:	100, 107, 109, 112
Certificates:	WH14114870, WH14114874, WH14114876, WH14114877

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-188

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.46	6.1
2	6.1	9.54
3	9.54	14.33
4	14.33	17.37
5	17.37	20.8
6	20.8	24.88
7	24.88	27.53
8	27.53	30.31
9	30.31	33.14
10	33.14	35.98
11	35.98	39.07
12	39.07	41.9
13	41.9	44.81
14	44.81	47.27
15	47.27	50.17
16	50.17	53.32
17	53.32	56.28
18	56.28	59.54
19	59.54	62.52
20	62.52	65.9
21	65.9	69.11
22	69.11	71.84
23	71.84	74.62
24	74.62	78.11
25	78.11	81.18
26	81.18	84.67
27	84.67	86.96
28	86.96	89.65
29	89.65	92.66
30	92.66	95.43
31	95.43	98.45
32	98.45	101.62
33	101.62	104.6
34	104.6	107.3
35	107.3	110.27
36	110.27	113.15
37	113.15	116.25
38	116.25	119.11
39	119.11	122.28
40	122.28	125.28
41	125.28	128.04
42	128.04	131.13
43	131.13	134.26
44	134.26	137.14
45	137.14	140.04
46	140.04	143.05
47	143.05	145.9
48	145.9	148.82
49	148.82	151.49
50	151.49	153.89
51	153.89	156.5
52	156.5	159.2
53	159.2	162.19
54	162.19	164.92
55	164.92	167.86
56	167.86	170.42
57	170.42	173.5
58	173.5	176.7
59	176.7	179.8
60	179.8	182.29
61	182.29	185.01
62	185.01	187.88
63	187.88	191.11
64	191.11	193.77
65	193.77	196.77
66	196.77	199
67	199	201.5
68	201.5	204.66
69	204.66	207.05
70	207.05	209.88
71	209.88	212.96
72	212.96	216.26
73	216.26	219.62
74	219.62	222.69
75	222.69	225.97
76	225.97	228.93
77	228.93	230.73

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-188									
	24.12	10.1	HQ	GRD	801.3	489.2	2.71	2.6	Strong phyllic altered granodiorite with weak clay alteration and weak oxidation with disseminated pyrite
	37.63	12.1	HQ	GRD	1034.2	664	2.92	2.8	Strong phyllic altered granodiorite with moderate hematization, blebby hematite and disseminated pyrite.
	65.71	20.4	HQ	GRD	1788.7	1139.3	3	2.8	Moderate to strong phyllic altered granodiorite with moderate propalytic and moderate silicification. But by 1 centimeter clear and smoky quartz vein with blebby pyrite. Disseminated pyrite throughout.
	88.73	7.9	HQ	GRD	625.4	405.6	2.71	2.9	Banded quartz-calcite-ankerite vein with band of light grey breccia with disseminated calcite and pyrite. Blebby pyrite and disseminated pyrite throughout.
	97.17	10.8	HQ	GRD	974.3	625.5	3.09	2.8	Banded quartz-calcite-ankerite vein with colliform ankerite blebs, euhedral quartz and blebby pyrite. Vein in strong phyllic, moderate propalytic altered granodiorite with strong silicification.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	98.53	18.1	HQ	GRD	1722.8	1087.5	3.26	2.7	Moderater chlorite altered granodiorite with strong hematization, weak phyllic alteration (moderate around a calcite veinlet) and weak silicification.
	123.41	11.3	HQ	GRD	947.1	595.7	2.87	2.7	Strongly silicified ankerite-calcite-quartz breccia with disseminated pyrite and blackjack sphalerite. Fine Sand to pebble grain size with sub-rounded to sub-angular clasts.
	148.7	12.4	HQ	GRD	946	580	2.61	2.6	Weak pottassic altered granodiorite with moderate phyllic overprint and weak chloritization.
	162.19	6.5	HQ	GRD	703.9	484.5	3.71	3.2	Milk quartz vein with vuggy band of ankerite calcite around vein edge and blebby pyrite throughout.
	211.38		HQ	GRD	982.1		3.33		Strong phyllic altered granodiorite with strong silicification. Cut by 2.5 centimeter smoky quartz vein with intermized semi-massive pyrite and arsenopyrite.
	212.86	9.3	HQ	GRD	788.8	494.4	2.9	2.7	Moderate phyllic altered granodiorite with moderate silicification.
	214.99	16.1	HQ	BXA	1419.8	902.5	3.02	2.7	Smoky quartz breccia with pebble to cobble sub rounded clasts in a very fine matrix. Clasts of sphalerite, arsenopyrite, galena, pyrite and ankerite throughout as well as disseminated pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	215.49	12	HQ	GRD	1558.2	1179.5	4.44	4.1	Strong phyllic altered granodiorite with weak silicification and disseminated pyrite with a 8.6 centimeter smoky quartz vein hosting semi-massive galena and blebby honey brown and blackjack sphalerite, pyrite and ankerite. Colliform textures on sphalerite-quartz bands on edge.
	217.55	6.85	HQ	VEN	951.4	733.8	4.75	4.4	Quartz vein hosting semi-massive pyrite with blebby honey brown and blackjack
	217.75	16.8	HQ	VEN	2291.6	1754.9	4.67	4.3	Quartz vein hosting semi-massive pyrite with blebby chalcopyrite, blebby and banded honey brown sphalerite, blebby galena and veinlets of calcite-ankerite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.46	20.50	17.04	GRD	MG	Trace potassic/propyllitic altered granodiorite with moderate oxidation along fracture surfaces. Sporadic rubbly patches of pervasively strongly oxidized argillic alteration.							
						MD	OR		PRO	3I		
						MD	GY		OXI	3I		
									POT	3I		
									ARG	3I		
20.50	25.18	4.68	GRD	MG	Alternating patching of moderately silicified phyllic alteration and moderate argillic alteration. Pervasive moderate to strong oxidation. Partially gouge altered. Oxidation obscures rock textures.							
						MD	OR		OXI	4I		
						LT	GN	PA	OXI	3I		
						LT	WH		SIL	3I		
									PHC	3I		
									ARG	4I		
25.18	36.74	11.56	GRD	MG	Trace potassic/propyllitic altered granodiorite with moderate oxidation along fracture surfaces. Sporadic rubbly patches of pervasively strongly oxidized argillic alteration.							
						MD	GY		OXI	3I		
						MD	OR		PRO	3I		
									POT	3I		
									ARG	3I		
36.74	38.71	1.97	GRD	MG	Moderate chlorite altered granodiorite with weak phyllic overprint. Hosts blebby hematite. Moderately oxidized.							
						LT	GN		PHC	2I		
						DK	GN		CHL	3I	He	5
38.71	48.73	10.02	GRD	MG	Trace potassic/propyllitic altered granodiorite with moderate oxidation along fracture surfaces. Sporadic rubbly patches of pervasively strongly oxidized argillic alteration.							
						MD	OR		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	3I		
									POT	3I		
									ARG	3I		
48.73	49.02	0.29	GRD	MG	Moderately oxidized moderately phyllic envelope around a quartz/carbonate/sulphide vein.							
						MD	GN	EN	PHC	3I		
						MD	OR					
49.02	60.05	11.03	GRD	MG	Trace potassic/propyllitic altered granodiorite with moderate oxidation along fracture surfaces. Sporadic rubbly patches of pervasively strongly oxidized argillic alteration.							
						MD	OR		OXI	3I		
						MD	GY		PRO	3I		
									POT	3I		
									ARG	3I		
60.05	65.06	5.01	GRD	MG	Trace to weak moderate phyllic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	3I		
						DK	GN		POT	3I		
65.06	65.71	0.65	GRD	MG	Moderate phyllic envelope around two quartz/sulphide veins. Has patchy weak propyllitic alteration.							
						MD	GN	PA	PHC	3I		
						LT	GN	EN	SIL	3I		
									PRO	2I		
65.71	73.20	7.49	GRD	MG	Trace to weak moderate phyllic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	3I		
						DK	GN		POT	3I		
73.20	76.03	2.83	GRD	MG	Moderately argillic altered granodiorite with a moderate propyllitic and hematitic overprint.							
						LT	RD		PRO	3I		
						LT	PK		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		HEM	3I		
76.03	88.50	12.47	GRD	MG	Trace to weak moderate phyllic altered granodiorite. Moderately silicified.							
						MD	PK		PRO	3I		
						MD	GY		SIL	3I		
						DK	GN		POT	3I		
88.50	89.05	0.55	GRD	MG	Strongly silicified phyllic envelope around a quartz/chlorite/sulphides vein hosting disseminated pyrite. Strong phyllic alteration transitions to moderately silicified phyllic alteration distally from vein.							
						MD	GN	EN	SIL	4I	Py	1
						MD	GY		SIL	3I		
						LT	GN		PHC	4I		
									PHC	3I		
89.05	92.89	3.84	GRD	MG	Trace to weak moderate phyllic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	3I		
						DK	GN		POT	3I		
92.89	97.03	4.14	GRD	MG	Alternating patches of moderate phyllic/propyllitic alteration, moderate potassic propyllitic overprinted argillic alteration and weak to moderate potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	2I		
						MD	GN		PRO	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		POT	2I		
						DK	GN		POT	3I		
									ARG	3I		
97.03	97.37	0.34	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate sulphide vein.							
						MD	GN	EN	SIL	3I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
97.37	98.45	1.08	GRD	MG	Trace to weak moderate phyllic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		PRO	3I		
						DK	GN		POT	3I		
98.45	99.00	0.55	GRD	MG	Bands of strongly silicified moderate propyllitic, moderate phyllic and strongly hematized alteration.							
						LT	GN	PA	PHC	3I		
						DK	GN	BN	PRO	3I		
						DK	RD		HEM	4I		
99.00	109.07	10.07	GRD	MG	Trace to weak moderate phyllic altered granodiorite. Moderately silicified. Partially rubbly.							
						MD	GY	RB	SIL	3I		
						MD	PK		PRO	3I		
						DK	GN		POT	3I		
109.07	116.25	7.18	GRD	MG	Moderately silicified phyllic hosting multiple gouge zone. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from the center of the interval.							
						MD	PK		POT	2I		
						LT	GN		SIL	3I		
						LT	WH		PRO	2I		
						DK	GN		PHC	3I		
									ARG	3I		
116.25	120.25	4.00	GRD	MG	Trace to weak moderate phyllic altered granodiorite. Moderately silicified. Rubbly patches of weak argillic alteration.							
						MD	GY	RB	SIL	3I		
						MD	PK	PA	PRO	3I		
						DK	GN		POT	3I		
									ARG	2I		
120.25	129.38	9.13	GRD	MG	Moderately silicified phyllic envelope around a crackle breccia. Phyllic alteration transitions to moderate potassic/propyllitic overprinted argillic alteration distally from breccia.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									ARG	2I		
129.38	138.75	9.37	GRD	MG	Moderately potassic/propyllitic overprinted argillic altered with moderate phyllic/silicified envelopes around quartz +/- carbonate veins.							
						MD	PK	EN	ARG	3I		
						LT	WH	PA	SIL	3I		
						LT	GN		PRO	3I		
						DK	GN		POT	3I		
									PHC	3I		
138.75	143.05	4.30	GRD	MG	Trace to weak moderate phyllic altered granodiorite. Moderately silicified.							
						MD	PK		PRO	3I		
						MD	GY		SIL	3I		
						DK	GN		POT	3I		
143.05	151.64	8.59	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted argillic alteration and moderate silicified phyllic envelopes around quartz carbonate veining.							
						MD	PK	EN	ARG	3I		
						LT	WH	PA	SIL	3I		
						LT	GN		PRO	3I		
						DK	GN		POT	3I		
									PHC	3I		
151.64	155.40	3.76	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted argillic alteration and weak to moderate potassic/propyllitic alteration. Argillic patches are rubbly.							
						MD	PK		PRO	3I		
						LT	GN		ARG	3I		
						LT	WH		POT	3I		
						DK	GN		PRO	2I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
155.40	156.08	0.68	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
156.08	161.81	5.73	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted argillic alteration and weak to moderate potassic/propyllitic alteration. Argillic patches are rubbly.							
						MD	PK		PRO	3I		
						LT	GN		ARG	3I		
						LT	WH		POT	3I		
						DK	GN		PRO	2I		
									POT	2I		
161.81	162.47	0.66	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
162.47	167.11	4.64	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted argillic alteration and weak to moderate potassic/propyllitic alteration. Argillic patches are rubbly.							
						MD	PK		PRO	3I		
						LT	GN		ARG	3I		
						LT	WH		POT	3I		
						DK	GN		PRO	2I		
									POT	2I		
167.11	167.45	0.34	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
167.45	170.45	3.00	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted argillic alteration and weak to moderate potassic/propyllitic alteration. Argillic patches are rubbly.							
						MD	PK		PRO	3I		
						LT	GN		ARG	3I		
						LT	WH		POT	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
170.45	172.85	2.40	GRD	MG	Moderately silicified phyllic envelope around multiple quartz/carbonate veins.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
172.85	192.59	19.74	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. Has small rubbly patches. Small phyllic/propyllitic envelopes around quartz/carbonated veins/veinlets, ~1 per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
192.59	194.98	2.39	GRD	MG	Partially gouge altered phyllic altered granodiorite.							
						LT	GN		PHC	3I		
						LT	GY					
194.98	195.79	0.81	GRD	MG	Hematized potassic/propyllitic overprinted argillic alteration. Mostly gouge altered.							
						MD	GY		ARG	3I		
						MD	GN		PRO	2I		
						LT	GY		POT	2I		
						DK	RD		HEM	3I		
195.79	196.25	0.46	GRD	MG	Moderately silicified phyllic/propyllitic altered granodiorite.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PRO	3I		
196.25	197.20	0.95	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. Has small rubbly patches. Small phyllic/propyllitic envelopes around quartz/carbonated veins/veinlets, ~1 per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
197.20	199.38	2.18	GRD	MG	CAVE. Extremely soft and broken up (clay mush) weak potassic/propyllitic altered granodiorite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	2I		
									PRO	2I		
199.38	202.10	2.72	GRD	MG	Alternating patches of weak potassic/propyllitic overprinted argillic alteration and moderately silicified weak potassic/propyllitic alteration. Hosts multiple moderate silicified phyllic envelopes around quartz/carbonate veins and veinlets. Rubbly patches of argillic alteration.							
						MD	PK	RB	ARG	3I		
						LT	WH	PA	PHC	3I		
						LT	GN	EN	SIL	3I		
						DK	GN		POT	2I		
									PRO	2I		
202.10	205.22	3.12	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. Has small rubbly patches. Small phyllic/propyllitic envelopes around quartz/carbonated veins/veinlets, ~1 per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
205.22	208.34	3.12	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite with patchy weak argillic alteration. Very rubbly.							
						MD	GY	RB	SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
208.34	210.13	1.79	GRD	MG	Moderately silicified phyllic altered granodiorite hosting two smokey quartz breccias.							
						LT	GN		SIL	3I		
									PHC	3I		
210.13	211.24	1.11	QFP	FG	Medium grey/green quartz feldspar porphyry dyke. Upper contact is sharp and oriented at 60 TCA. Lower contact is undulating and oriented at 55 TCA.							
						MD	GY					
						MD	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
211.24	213.02	1.78	GRD	MG	Moderate to strongly silicified and phyllic altered granodiorite hosting disseminated pyrite.							
						MD	GY		PHC	3I		
						MD	GN		PHC	4I		
									SIL	3I		
									SIL	4I		
213.02	214.12	1.10	QFP	FG	Medium grey/green quartz feldspar porphyry dyke.							
						MD	GN					
						MD	GY					
214.12	214.18	0.06	QFP	FG	Grey/green - grey quartz feldspar porphyry dyke hosting smokey quartz (?) blebs and trace disseminated pyrite.							
						MD	GY					
						MD	GN					
214.18	214.40	0.22	QFP	FG	Patchy tan and dark red quartz feldspar porphyry dyke.							
						LT	TN					
						DK	RD					
214.40	214.58	0.18	QFP	FG	Medium grey/green quartz feldspar porphyry dyke.							
						MD	GY					
						MD	GN					
214.58	215.27	0.69	BXA	MG	Medium grey silicified contact breccia with quartz feldspar porphyry dyke, silicified phyllic granodiorite and quartz/sulphide clasts. Hosts disseminated to blebby pyrite and blebby sphalerite and galena.							
											Py	1
											Sp	1
											Gn	1
215.27	217.32	2.05	GRD	MG	Moderate to strongly silicified phyllic altered granodiorite hosting disseminated pyrite and multiple quartz sulphide veins.							
						MD	GY		PHC	3I		
						MD	GN		SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	3I		
									PHC	4I		
217.32	218.63	1.31	VEN	--	BRX vein starts of as 17cm of smokey quartz breccia hosting semi-massive pyrite and disseminated to blebby sphalerite and chalcopyrite. Then 7cm of minorly brecciated and veined strongly phyllic and silicified altered granodiorite hosting disseminated pyrite. The rest of the vein is grey-smokey quartz/semi-massive to massive pyrite. Veins hosts disseminated to blebby galena, sphalerite chalcopyrite and arsenopyrite. Quartz is vuggy. Lower portion of the vein hosts white carbonate veinlets (veinlets oriented at 50 TCA). Last 14 of the vein is brecciated by cream ankerite.							
											Py	60
											Sp	3
											Cp	5
											Gn	1
											As	1
218.63	221.31	2.68	GRD	MG	Moderately silicified alternating patches of moderate phyllic and moderate propyllitic alteration. ~7 carbonate veinlets and stringers per meter.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PRO	3I		
221.31	222.88	1.57	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
222.88	224.05	1.17	GRD	MG	Moderately silicified phyllic envelope around multiple carbonate veinlets.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
224.05	225.43	1.38	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PRO	2I		
225.43	229.88	4.45	GRD	MG	Moderate phyllic altered granodiorite with patchy moderately silicified potassic/propyllitic and phyllic/potassic overprinted argillic alteration. Hosts multiple carbonate veins, ~2 per meter.							
						MD	GN					
						MD	PK					
						LT	GN	PA				
						LT	WH					
						DK	GN					
229.88	230.73	0.85	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		

KL-14-188

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.46	60.05	56.59	GRD	MG	Trace potassic/propyllitic altered granodiorite with moderate oxidation along fracture surfaces. Sporadic rubbly patches of pervasively strongly oxidized argillic alteration.							
									ARG	3I		
									POT	1I		
						MD	OR	RB	PRO	1I		
						MD	GY	PA	OXI	3I		
60.05	143.05	83.00	GRD	MG	Trace to weak moderate phyllic altered granodiorite. Moderately silicified.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
143.05	151.64	8.59	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted argillic alteration and moderate silicified phyllic envelopes around quartz carbonate veining.							
						MD	PK	EN	ARG	3I		
									PHC	3I		
						DK	GN		POT	3I		
						LT	WH	PA	SIL	3I		
						LT	GN		PRO	3I		
151.64	172.85	21.21	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted argillic alteration and weak to moderate potassic/propyllitic alteration. Argillic patches are rubbly. Small competent envelopes of silicified phyllic alteration around quartz/carbonate veining.							
									POT	2I		
									PRO	2I		
						LT	GN	PA	SIL	3I		
						LT	WH	RB	PHC	3I		
						MD	PK	EN	ARG	3I		
									PRO	3I		
						DK	GN		POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
208.34	210.13	1.79	GRD	MG	Moderately silicified phyllic altered granodiorite hosting two smokey quartz breccias.							
									SIL	3I		
						LT	GN		PHC	3I		
210.13	211.24	1.11	QFP	FG	Medium grey/green quartz feldspar porphyry dyke. Upper contact is sharp and oriented at 60 TCA. Lower contact is undulating and oriented at 55 TCA.							
						MD	GY					
						MD	GN					
211.24	213.02	1.78	GRD	MG	Moderate to strongly silicified and phyllic altered granodiorite hosting disseminated pyrite.							
						MD	GY		PHC	3I	Py	1
						MD	GN		PHC	4I		
									SIL	3I		
									SIL	4I		
213.02	214.58	1.56	QFP	FG	Medium grey/green quartz feldspar porphyry dyke. Upper contact is gouge altered and oriented at 50 TCA. Lower contact is gouge altered and oriented at 55 TCA.							
						MD	GY					
						MD	GN					
214.58	215.27	0.69	BXA	--	Medium grey silicified contact breccia with quartz feldspar porphyry dyke, silicified phyllic granodiorite and quartz/sulphide clasts. Hosts disseminated to blebby pyrite and blebby sphalerite and galena.							
											Py	1
											Sp	1
											Gn	1
215.27	217.32	2.05	GRD	MG	Moderate to strongly silicified phyllic altered granodiorite hosting disseminated pyrite and multiple quartz sulphide veins.							
						MD	GY		PHC	3I		
						LT	GN		SIL	3I	Py	1
						MD	GN		SIL	4I		
									PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
217.32	218.63	1.31	VEN	--	BRX vein starts of as 17cm of smokey quartz breccia hosting semi-massive pyrite and disseminated to blebby sphalerite and chalcopyrite. Then 7cm of minorly brecciated and veined strongly phyllic and silicified altered granodiorite hosting disseminated pyrite. The rest of the vein is grey-smokey quartz/semi-massive to massive pyrite. Veins hosts disseminated to blebby galena, sphalerite chalcopyrite and arsenopyrite. Quartz is vuggy. Lower portion of the vein hosts white carbonate veinlets (veinlets oriented at 50 TCA). Last 14 of the vein is brecciated by cream ankerite.							
											Gn	1
											Cp	5
											Sp	3
											Py	60
											As	1
218.63	221.31	2.68	GRD	MG	Moderately silicified alternating patches of moderate phyllic and moderate propyllitic alteration. ~7 carbonate veinlets and stringers per meter.							
						LT	GN		SIL	3I		
									PRO	3I		
						MD	GN		PHC	3I		
221.31	230.73	9.42	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite.							
									PRO	3I		
						MD	GY		SIL	3I		
						DK	GN		PHC	3I		
						MD	PK		PHC	2I		
									ARG	3I		

KL-14-188

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.46	3.46	0	0	0.00	0	--	--	--	
3.46	5.18	1.72	1.72	100	0.87	51	--	4H	1W	
5.18	8.23	3.05	2.21	72	0.72	24	--	4H	2W	
8.23	11.28	3.05	2.36	77	0.54	18	--	4H	2W	
11.28	14.33	3.05	1.17	38	0.00	0	--	4H	2W	
14.33	17.37	3.04	2.77	91	1.29	42	--	4H	2W	
17.37	20.42	3.05	2.08	68	1.00	33	--	4H	3W	
20.42	23.47	3.05	1.54	50	0.84	28	--	3H	3W	
23.47	26.52	3.05	2.94	96	2.01	66	--	3H	3W	
26.52	29.57	3.05	2.85	93	1.80	59	--	4H	2W	
29.57	32.61	3.04	2.6	86	0.59	19	--	2H	3W	
32.61	35.66	3.05	2.71	89	0.98	32	--	4H	2W	
35.66	38.71	3.05	2.56	84	1.88	62	--	3H	3W	
38.71	41.75	3.04	3.02	99	2.13	70	--	4H	2W	
41.75	44.81	3.06	2.62	86	0.57	19	--	4H	3W	
44.81	47.85	3.04	2.75	90	0.63	21	--	4H	2W	
47.85	50.90	3.05	2.93	96	0.98	32	--	4H	2W	
50.90	53.95	3.05	2.81	92	1.12	37	--	4H	2W	
53.95	57.00	3.05	3	98	1.16	38	--	4H	2W	
57.00	60.05	3.05	2.79	91	1.38	45	--	4H	1W	
60.05	63.09	3.04	3.03	100	1.99	65	--	4H	1W	
63.09	66.14	3.05	2.7	89	2.10	69	--	4H	1W	
66.14	69.19	3.05	2.35	77	0.71	23	--	4H	1W	
69.19	72.24	3.05	3.05	100	1.24	41	--	4H	1W	
72.24	75.29	3.05	2.75	90	1.31	43	--	3H	1W	
75.29	78.33	3.04	2.74	90	1.99	65	--	4H	1W	
78.33	81.38	3.05	2.73	90	1.79	59	--	4H	1W	
81.38	84.43	3.05	2.27	74	0.90	30	--	4H	1W	
84.43	87.48	3.05	2.6	85	0.25	8	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.52	3.04	2.87	94	1.55	51	--	4H	1W	
90.52	93.57	3.05	3.05	100	0.97	32	--	4H	1W	
93.57	96.62	3.05	2.92	96	1.79	59	--	3H	1W	
96.62	99.67	3.05	2.92	96	1.76	58	--	4H	1W	
99.67	102.72	3.05	3.02	99	1.06	35	--	4H	1W	
102.72	105.77	3.05	2.95	97	0.80	26	--	4H	1W	
105.77	108.81	3.04	2.88	95	1.21	40	--	4H	1W	
108.81	111.86	3.05	2.93	96	2.04	67	--	3H	1W	
111.86	114.91	3.05	2.99	98	0.52	17	--	2H	1W	
114.91	117.96	3.05	2.96	97	1.36	45	--	3H	1W	
117.96	121.01	3.05	2.66	87	0.55	18	--	3H	1W	
121.01	124.05	3.04	2.87	94	1.70	56	--	3H	1W	
124.05	127.10	3.05	2.91	95	1.40	46	--	3H	1W	
127.10	130.15	3.05	2.84	93	2.02	66	--	3H	1W	
130.15	133.20	3.05	2.95	97	2.20	72	--	3H	1W	
133.20	136.25	3.05	2.95	97	2.04	67	--	3H	1W	
136.25	139.29	3.04	2.93	96	1.94	64	--	3H	1W	
139.29	142.34	3.05	2.95	97	1.93	63	--	4H	1W	
142.34	145.39	3.05	2.95	97	1.57	51	--	3H	1W	
145.39	148.44	3.05	2.24	73	0.59	19	--	2H	1W	
148.44	151.49	3.05	2.55	84	0.89	29	--	3H	1W	
151.49	154.53	3.04	1.9	63	0.21	7	--	1H	1W	
154.53	157.58	3.05	2.25	74	0.94	31	--	3H	1W	
157.58	160.63	3.05	1.69	55	0.58	19	--	1H	1W	
160.63	163.68	3.05	2.29	75	1.00	33	--	3H	1W	
163.68	166.73	3.05	2.56	84	1.70	56	--	3H	1W	
166.73	169.77	3.04	2.3	76	1.30	43	--	3H	1W	
169.77	172.82	3.05	2.67	88	2.21	72	--	3H	1W	
172.82	175.87	3.05	2.42	79	1.57	51	--	4H	1W	
175.87	178.92	3.05	2.48	81	1.69	55	--	4H	1W	
178.92	181.97	3.05	2.3	75	1.09	36	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.92	96	0.73	24	--	3H	1W	
185.01	188.06	3.05	2.57	84	0.79	26	--	3H	1W	
188.06	191.11	3.05	2.16	71	0.66	22	--	3H	1W	
191.11	194.16	3.05	3.05	100	1.09	36	--	3H	1W	
194.16	197.21	3.05	2.65	87	0.82	27	--	2H	1W	
197.21	200.25	3.04	3.04	100	1.25	41	--	2H	1W	
200.25	203.30	3.05	2.84	93	1.78	58	--	3H	1W	
203.30	206.35	3.05	3.05	100	1.22	40	--	3H	1W	
206.35	209.40	3.05	3.05	100	0.97	32	--	2H	1W	2/3 rubble
209.40	212.45	3.05	3	98	1.88	62	--	3H	1W	
212.45	215.49	3.04	2.7	89	1.81	60	--	3H	1W	
215.49	218.54	3.05	2.99	98	2.21	72	--	3H	1W	
218.54	221.59	3.05	3.05	100	2.79	91	--	3H	1W	
221.59	224.64	3.05	2.92	96	2.53	83	--	3H	1W	
224.64	227.69	3.05	2.96	97	2.30	75	--	3H	1W	
227.69	230.73	3.04	2.98	98	2.12	70	--	3H	1W	EOH

KL-14-188

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	16.3	GRD	
5	17.6	GRD	
6	12.5	GRD	
7	12.4	GRD	
8	14	GRD	
9	11.7	GRD	
10	13.2	GRD	
11	0.889	GRD	
12	12.4	GRD	
13	13.8	GRD	
14	10.1	GRD	
15	19.2	GRD	
16	17	GRD	
17	18.4	GRD	
18	19.2	GRD	
19	14.6	GRD	
20	15	GRD	
21	0.523	GRD	
22	0.529	GRD	
23	0.516	GRD	
24	0.36	GRD	
25	0.465	GRD	
26	14.5	GRD	
27	19	GRD	
28	18.3	GRD	
29	14.6	GRD	
30	11.5	GRD	
31	7.84	GRD	
32	12.6	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	10.2	GRD	
34	13.7	GRD	
35	12.2	GRD	
36	12.5	GRD	
37	1.09	GRD	
38	0.492	GRD	
39	12.5	GRD	
40	13.6	GRD	
41	14.7	GRD	
42	16	GRD	
43	13.5	GRD	
44	15.3	GRD	
45	20.9	GRD	
46	9.84	GRD	
47	16.1	GRD	
48	16.1	GRD	
49	18	GRD	
50	5.13	GRD	
51	15.6	GRD	
52	17.5	GRD	
53	14.5	GRD	
54	16.7	GRD	
55	17	GRD	
56	15.7	GRD	
57	16	GRD	
58	17.1	GRD	
59	19.5	GRD	
60	15.3	GRD	
61	18.4	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	16.3	GRD	
63	14.1	GRD	
64	18.2	GRD	
65	17.1	GRD	
66	22	GRD	
67	1.15	GRD	
68	0.684	GRD	
69	14.6	GRD	
70	15.8	GRD	
71	16.9	GRD	
72	11.9	GRD	
73	25.8	GRD	
74	0.5	GRD	
75	1.09	GRD	
76	17.2	GRD	
77	15.6	GRD	
78	22.2	GRD	
79	20	GRD	
80	21.7	GRD	
81	18	GRD	
82	19.8	GRD	
83	17.8	GRD	
84	17.6	GRD	
85	19.9	GRD	
86	19.1	GRD	
87	5.97	GRD	
88	10	GRD	
89	16.7	GRD	
90	14.8	GRD	
91	0.818	GRD	
92	13.5	GRD	
93	0.557	GRD	
94	0.734	GRD	
95	2.99	GRD	
96	0.327	GRD	
97	0.317	GRD	
98	4.4	GRD	
99	0.655	GRD	
100	18	GRD	
101	19	GRD	
102	17.4	GRD	
103	16.5	GRD	
104	9.95	GRD	
105	9.32	GRD	
106	2.11	GRD	
107	15.2	GRD	
108	13.8	GRD	
109	0.262	GRD	
110	0.511	GRD	
111	0.493	GRD	
112	0.318	GRD	
113	0.322	GRD	
114	5.92	GRD	
115	0.588	GRD	
116	0.477	GRD	
117	12.9	GRD	
118	12.5	GRD	
119	13.9	GRD	
120	0.376	GRD	
121	2.55	GRD	
122	1.63	GRD	
123	0.337	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	0.448	GRD	
125	0.279	GRD	
126	0.742	GRD	
127	0.371	GRD	
128	1.13	GRD	
129	0.416	GRD	
130	15.5	GRD	
131	2.25	GRD	
132	12.7	GRD	
133	0.712	GRD	
134	0.575	GRD	
135	8.98	GRD	
136	1.05	GRD	
137	0.366	GRD	
138	7.15	GRD	
139	15	GRD	
140	1.94	GRD	
141	16.4	GRD	
142	17.2	GRD	
143	15.2	GRD	
144	0.691	GRD	
145	0.442	GRD	
146	0.415	GRD	
147	2.38	GRD	
148	0.573	GRD	
149	0.367	GRD	
150	0.497	GRD	
151	0.276	GRD	
152	0.604	GRD	
153	4.01	GRD	
154	13.4	GRD	
155	9.16	GRD	
156	0.45	GRD	
157	0.629	GRD	
158	7.1	GRD	
159	11.1	GRD	
160	14.1	GRD	
161	8.32	GRD	
162	0.375	GRD	
163	0.368	GRD	
164	0.385	GRD	
165	15.6	GRD	
166	9.56	GRD	
167	0.687	GRD	
168	5.72	GRD	
169	9.6	GRD	
170	7.1	GRD	
171	0.494	GRD	
172	0.443	GRD	
173	11.2	GRD	
174	17.9	GRD	
175	19.7	GRD	
176	12.4	GRD	
177	14.6	GRD	
178	7.34	GRD	
179	17.7	GRD	
180	2.18	GRD	
181	7.22	GRD	
182	0.496	GRD	
183	1.29	GRD	
184	0.477	GRD	
185	1.29	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	5.5	GRD	
187	4.32	GRD	
188	16.9	GRD	
189	16.6	GRD	
190	4.61	GRD	
191	5.57	GRD	
192	0.311	GRD	
193	0.411	GRD	
194	2.27	GRD	
195	0.335	GRD	
196	0.388	GRD	
197	3.79	GRD	
198	0.502	GRD	
199	0.456	GRD	
201	0.933	GRD	
202	0.49	GRD	
203	0.5	GRD	
204	14.3	GRD	
205	16.4	GRD	
208	0.422	GRD	
209	0.555	GRD	
210	0.384	GRD	
211	0.293	QFP	
212	0.514	GRD	
213	0.302	GRD	
214	0.32	QFP	
215	0.236	BXA	
216	0.304	GRD	
217	0.231	GRD	
218	0.043	VEN	
219	0.3	GRD	
220	0.268	GRD	
221	0.386	GRD	
222	6.19	GRD	
223	0.343	GRD	
224	0.678	GRD	
225	1.78	GRD	
226	0.389	GRD	
227	0.529	GRD	
228	0.323	GRD	
229	0.425	GRD	
230	0.808	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382449	6890631	1327.13	145.39

ZONE: Western Klaza

SECTION:

HOLE: KL-14-189

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 7.62m, Out

Drilling Dates: Jul 26 - Jul 27, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
145.38	37.9	-50.7	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.82	2.82	CAS
2.82	4.89	2.07	GRD
4.89	42.1	37.21	GRD
42.1	52.37	10.27	GRD
52.37	76.01	23.64	GRD
76.01	76.34	0.33	BXA
76.34	99.79	23.45	GRD
99.79	102.14	2.35	GRD
102.14	104.35	2.21	GRD
104.35	107.45	3.1	GRD
107.45	110.44	2.99	GRD
110.44	112.71	2.27	GRD
112.71	127.78	15.07	GRD
127.78	133.45	5.67	GRD
133.45	134.39	0.94	VEN
134.39	136.36	1.97	GRD

SAMPLES	
Numbers:	Q016938 to Q016942, Q927627 to Q927630, Q927644 to Q927694
Total:	65
Batch:	105, 106, 108, 112
Certificates:	WH14114872, WH14114873, WH14114875, WH14114877

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

136.36	139.95	3.59	GRD
139.95	145.39	5.44	GRD

Box Log

KL-14-189

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.82	5.31
2	5.31	8.35
3	8.35	11.36
4	11.36	14.33
5	14.33	17.43
6	17.43	20.68
7	20.68	23.75
8	23.75	26.96
9	26.96	30.12
10	30.12	33.1
11	33.1	36.2
12	36.2	39.3
13	39.3	42.31
14	42.31	45.49
15	45.49	48.66
16	48.66	51.6
17	51.6	55.11
18	55.11	58.15
19	58.15	61.28
20	61.28	64.52
21	64.52	67.62
22	67.62	70.47
23	70.47	73.56
24	73.56	76.74
25	76.74	79.8
26	79.8	82.9
27	82.9	86.07
28	86.07	89.2
29	89.2	92.3
30	92.3	95.24
31	95.24	98.38
32	98.38	101.56
33	101.56	104.45
34	104.45	107.62
35	107.62	110.66
36	110.66	114
37	114	117
38	117	120.18
39	120.18	123.43
40	123.43	126.45
41	126.45	129.67
42	129.67	132.62
43	132.62	135.69
44	135.69	138.78
45	138.78	142.01
46	142.01	144.89
47	144.89	145.39

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.82	4.89	2.07	GRD	MG	Strongly oxidized weakly propyllitic altered granodiorite with intense fracturing.							
						MD	BN	FR	OXI	5I		
						DK	BN	RB	PRO	2I		
4.89	9.18	4.29	GRD	MG	Weakly altered granodiorite with pervasive silicified and propyllitic alteration. Patchy argillic and potassic alteration.							
						MD	GY	PA	OXI	2I		
						LT	BN		SIL	2I		
									PRO	2I		
									ARG	1I		
									POT	1I		
9.18	13.85	4.67	GRD	MG	Patchy argillic propyllitic and phyllic alteration related to narrow smokey quartz breccia @11.90-12.05m. Two strongly oxidized gouge section.							
						MD	BN		SIL	1I		
						LT	WH	PA	OXI	3I		
						LT	BN		ARG	3I		
									PRO	3I		
									PHC	2I		
13.85	42.10	28.25	GRD	MG	Weakly altered granodiorite with pervasive silicified and propyllitic alteration. Patchy argillic and potassic alteration.							
						MD	GN	PA	OXI	1I		
						LT	BN		SIL	1I		
									POT	1I		
									PRO	1I		
									ARG	1I		
42.10	44.81	2.71	GRD	MG	Argillic envelope mineralized smoky quartz-carbonate veins with narrow phyllic halos. Strong propylitic overpring on phyllic halos. Weak oxidation on fractures. Veins host pyrite, sphalerite, and arsenopyrite.							
						MD	GN		ARG	3I		
						LT	WH	PA	OXI	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	PK		SIL	1I		
						LT	GN		POT	2I		
						LT	BN		PHC	1I		
									PRO	1I		
44.81	49.87	5.06	GRD	MG	Wide argillic envelope oxidation on fractures and weak potassic/phyllic overprint.							
						LT	WH		OXI	1I		
						LT	PK		ARG	3I		
									POT	2I		
									PHC	1I		
49.87	52.37	2.50	GRD	MG	Argillic vein envelope on mineralized smoky quartz-carbonate veins with narrow phyllic halos. Strong propylitic overpring on phyllic halos. Weak oxidation on fractures. Veins host pyrite, sphalerite, and arsenopyrite.							
						MD	GN		ARG	3I		
						LT	WH	PA	OXI	1I		
						LT	PK		SIL	1I		
						LT	GN		POT	2I		
						LT	BN		PHC	1I		
									PRO	1I		
52.37	61.35	8.98	GRD	MG	Argillic, propylitic, and potassic vein halos on carbonate veins.							
						MD	PK		PRO	1I		
						MD	GN		POT	2I		
						LT	WH		ARG	2I		
61.35	76.01	14.66	GRD	MG	Granodiorite with pervasive trace propylitic, potassic, and weak silicification. Trace oxidation on fractures. Patchy argillic on carbonate veins.							
						MD	GY		OXI	1I		
						MD	PK		SIL	2I		
						MD	GN		PRO	1I		
									POT	1I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
76.01	76.34	0.33	BXA	FG	Ankerite and smoky quartz cemented breccia with sub-angular granodiorite clasts. Clasts are phyllic-argillic altered. Disseminated pyrite in smoky quartz fragments and cements.							
						MD	GY		ARG	1I		
						LT	WH	BX	SIL	2I	Py	3
						LT	GN		PHC	1I		
76.34	78.94	2.60	GRD	MG	Weakly altered granodiorite with patchy silicification and potassic alteration.							
						MD	GY	PA	SIL	1I		
						MD	PK		POT	1I		
78.94	79.25	0.31	MAF	FG	Black mafic dyke with high magnetite content.							
						DK	BK		SIL	2I		
79.25	99.79	20.54	GRD	MG	Weakly altered granodiorite with patchy silicification, argillic, and potassic alteration.							
						MD	GY	PA	SIL	1I		
						MD	PK		POT	1I		
99.79	100.31	0.52	GRD	MG	Argillic envelopes on smoky quartz vein with potassic overprint.							
						MD	PK		POT	1I		
						LT	WH		ARG	3I		
100.31	100.87	0.56	BXA	FG	Medium grey smoky quartz breccia with angular granodiorite clasts.							
						MD	GY	BX	SIL	2I	Py	2
						LT	GN		PHC	2I		
100.87	102.14	1.27	GRD	MG	Argillic envelope on smoky quartz vein with potassic overprint.							
						MD	PK		POT	1I		
						LT	WH		ARG	3I		
102.14	104.35	2.21	GRD	MG	Weakly altered granodiorite with patchy silicification and potassic alteration.							
						MD	GY		SIL	1I		
						MD	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
104.35	107.45	3.10	GRD	MG	Granodiorite with overprinting argillic-phyllic vein halos. Patchy silicification and potassic. Disseminated pyrite in veins and limited halos.							
						LT	PK		ARG	2I		
						LT	GN		POT	2I		
						LT	WH		SIL	2I	Py	1
									PHC	2I		
107.45	110.44	2.99	GRD	MG	Granodiorite with overprinting argillic-phyllic vein halos. Patchy silicification and potassic. Disseminated pyrite in veins and limited halos.							
						LT	WH		SIL	2I		
						LT	PK		ARG	2I		
						LT	GN		POT	2I		
									PHC	2I		
110.44	112.71	2.27	GRD	MG	Moderate pervasive phyllic in vein halo. Well mineralized vein at 111.45m. Patchy potassic. Vein is smoky quartz with disseminated-blebby pyrite and sphalerite.							
						LT	GN	PA	SIL	1I	Py	2
						LT	PK		PHC	3I		
									POT	1I		
112.71	115.94	3.23	GRD	MG	Granodiorite with pervasive silicification and potassic alteration.							
						MD	GY	PA	SIL	2I		
						LT	GN					
						LT	PK		POT	1I		
115.94	117.41	1.47	GRD	MG	Phyllic halos on carbonate veins with potassic and silica overprint.							
						LT	GN		SIL	1I		
						LT	PK		PHC	3I		
									POT	1I		
117.41	119.75	2.34	GRD	MG	Granodiorite with pervasive silicification and potassic alteration.							
						MD	GY		SIL	2I		
						LT	PK		POT	1I		
119.75	121.22	1.47	GRD	MG	Phyllic halos on carbonate veins with potassic and silica overprint.							
						LT	GN		SIL	1I		
						LT	PK		PHC	3I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
121.22	122.29	1.07	GRD	MG	Granodiorite with pervasive silicification and potassic alteration.							
						MD	GY		SIL	2I		
						LT	PK		POT	1I		
122.29	123.73	1.44	GRD	MG	Phyllic halos on carbonate veins with potassic and silica overprints.							
						MD	GY		SIL	2I		
						LT	PK		POT	1I		
123.73	124.31	0.58	GRD	MG	Granodiorite with pervasive silicification and potassic alteration.							
						MD	GY		SIL	2I		
						LT	PK		POT	1I		
124.31	126.08	1.77	GRD	MG	Phyllic halos on carbonate veins with potassic and silica overprint.							
						LT	PK		PHC	3I		
						LT	GN		SIL	1I		
									POT	1I		
126.08	127.78	1.70	GRD	MG	Granodiorite with pervasive silicification and potassic alteration.							
						MD	GY		SIL	2I		
						LT	PK		POT	1I		
127.78	133.45	5.67	GRD	MG	Wide phyllic-argillc vein envelope on several mineralized quartz-carbonate veins. Leads up to main vein zone.							
						LT	GN		SIL	1I		
						LT	WH		PHC	2I		
						LT	PK		ARG	3I		
									POT	1I		
133.45	134.39	0.94	VEN	MG	Main vein zone. Cut by richly mineralized smoky quartz-cream ankerite veins with significant pyrite, sphalerite, arsenopyrite, and acicular jamesonite. Sulphides are concentrated in smoky quartz. Blebby honey brown sphalerite is strongest along smoky quartz-ankerite contacts. Jamesonite is found in felted acicular needles.							
						MD	GY		PHC	2I	As	5
						LT	WH		SIL	2I	Py	5
						LT	GN		PRO	2I	Sp	5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Jm	3
134.39	136.36	1.97	GRD	MG	Pervasive phyllic with moderate-strong silicification. Cut by smoky quartz-tourmaline veins, with tourmaline and pyrite disseminated throughout granodiorite. Tourmaline is black, generally bladed or blebby. Cut by grey-smoky quartz veins with pyrite, sphalerite, arsenopyrite, and jamesonite at the very end of the interval.							
						LT	GN		SIL	3I	Py	6
						DK	BK		PHC	3I	To	10
									ARG	1I		
136.36	139.95	3.59	GRD	MG	Phyllic-argillic vein zone halo with patchy silica/potassic overprint.							
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
						LT	PK		ARG	1I		
									POT	1I		
139.95	140.81	0.86	GRD	MG	Granodiorite with pervasive propylitic and silicification.							
						MD	GY		SIL	2I		
						MD	GN		PRO	1I		
									POT	1I		
140.81	142.67	1.86	GRD	MG	Phyllic-argillic vein halo on smoky quartz-carbonate vein. Patchy potassic overprint.							
						LT	WH		POT	2I		
						LT	GN		ARG	1I		
						LT	PK		PHC	1I		
142.67	145.39	2.72	GRD	MG	Granodiorite with pervasive propylitic and silicification.							
						MD	GY		SIL	2I		
						MD	GN		PRO	1I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.82	4.89	2.07	GRD	MG	Strongly oxidized weakly propyllitic altered granodiorite with intense fracturing.							
						DK	BN	RB	PRO	2I		
						MD	BN	FR	OXI	5I		
4.89	42.10	37.21	GRD	MG	Weakly altered granodiorite with pervasive silicified and propyllitic alteration. Patchy argillic and potassic alteration. Stronger alteration at interval with breccia. Weak oxides on fractures.							
						MD	GY	PA	OXI	2I		
						LT	BN		SIL	2I		
									PRO	2I		
									ARG	1I		
									POT	1I		
42.10	52.37	10.27	GRD	MG	Wide argillic vein envelope on mineralized smoky quartz-carbonate veins with narrow phyllic halos. Strong propylitic overpring on phyllic halos. Weak oxidation on fractures. Veins host pyrite, sphalerite, and arsenopyrite.							
									PRO	1I		
						LT	WH	PA	OXI	1I		
						LT	OL		SIL	1I		
						MD	GN		ARG	3I		
						LT	GN		POT	2I		
						LT	BN		PHC	1I		
52.37	76.01	23.64	GRD	MG	Granodiorite with pervasive trace propylitic, potassic, and weak silicification. Trace oxidation on fractures. Patchy argillic on carbonate veins.							
						MD	PK		SIL	2I		
						MD	GN		PRO	1I		
						MD	GY		OXI	1I		
									ARG	1I		
									POT	1I		
76.01	76.34	0.33	BXA	FG	Ankerite and smoky quartz cemented breccia with sub-angular granodiorite clasts. Clasts are phyllic-argillic altered. Disseminated pyrite in smoky quartz fragments and cements.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH	BX	SIL	2I	Py	3
						LT	GN		PHC	1I		
						MD	GY		ARG	1I		
76.34	99.79	23.45	GRD	MG	Weakly altered granodiorite with patchy silicification and potassic alteration.							
						MD	PK		POT	1I		
						MD	GY	PA	SIL	1I		
99.79	102.14	2.35	GRD	MG	Argillic envelop on smoky quartz breccia. Angular granodiorite clasts and disseminated pyrite in smoky quartz.							
						LT	WH		ARG	3I	Py	1
						MD	PK		POT	1I		
102.14	104.35	2.21	GRD	MG	Weakly altered granodiorite with patchy silicification and potassic alteration.							
						MD	GY		SIL	1I		
						MD	PK		POT	1I		
104.35	107.45	3.10	GRD	MG	Granodiorite with overprinting argillic-phyllic vein halos. Patchy silicification and potassic. Disseminated pyrite in veins and limited halos.							
									PHC	2I		
						LT	GN		POT	2I		
						LT	WH		SIL	2I	Py	1
						LT	PK		ARG	2I		
107.45	110.44	2.99	GRD	MG	Pervasive propylitic and silica alteration. Silicification is strong enough (in small patches) to obliterate primary textures. Red hematization on some fractures. Patchy potassic and vein-associated argillic.							
						LT	WH		HEM	1I		
						MD	RD		POT	1I		
									ARG	1I		
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
110.44	112.71	2.27	GRD	MG	Moderate pervasive phyllic in vein halo. Well mineralized vein at 111.45m. Patchy potassic. Vein is smoky quartz with disseminated-blebby pyrite and sphalerite.							
						LT	GN	PA	SIL	1I	Py	2
						LT	PK		PHC	3I		
									POT	1I		
112.71	127.78	15.07	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic alteration. Cut by carbonate veins with phyllic envelopes.							
						MD	GY	PA	SIL	2I		
						LT	PK		PHC	2I		
						LT	GN		POT	1I		
									PRO	1I		
									ARG	1I		
127.78	133.45	5.67	GRD	MG	Wide phyllic-argillc vein envelope on several mineralized quartz-carbonate veins. Leads up to main vein zone.							
									POT	1I		
						LT	GN		SIL	1I		
						LT	PK		PHC	2I		
						LT	WH		ARG	3I		
133.45	134.39	0.94	VEN	MG	Main vein zone. Cut by richly mineralized smoky quartz-cream ankerite veins with significant pyrite, sphalerite, arsenopyrite, and acicular jamesonite. Sulphides are concentrated in smoky quartz. Blebby honey brown sphalerite is strongest along smoky quartz-ankerite contacts. Jamesonite is found in felted acicular needles.							
						MD	GY		PHC	2I	As	5
						LT	GN		PRO	2I	Sp	5
											Jm	5
						LT	WH		SIL	2I	Py	5
134.39	136.36	1.97	GRD	MG	Pervasive phyllic with moderate-strong silicification. Cut by smoky quartz-tourmaline veins, with tourmaline and pyrite disseminated throughout granodiorite. Tourmaline is black, generally bladed or blebby. Cut by grey-smoky quartz veins with pyrite, sphalerite, arsenopyrite, and jamesonite at the very end of the interval.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	3I	Py	6
						DK	BK		PHC	3I	To	10
									ARG	1I		
136.36	139.95	3.59	GRD	MG	Phyllic-argillic vein zone halo with patchy silica/potassic overprint.							
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
						LT	PK		ARG	1I		
									POT	1I		
139.95	145.39	5.44	GRD	MG	Granodiorite with pervasive propylitic and silicification. Vein-associated phyllic and argillic. Patchy potassic overprint on propylitic and argillic.							
									PHC	1I		
						MD	GY		SIL	2I		
						MD	GN		PRO	1I		
						LT	WH		ARG	1I		
						LT	PK		POT	1I		

KL-14-189

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.32	2.32	2.32	100	0.00	0	--	--	--	
2.32	5.18	2.86	2.86	100	0.21	7	--	2H	4W	
5.18	8.23	3.05	3.05	100	1.22	40	--	3H	2W	
8.23	11.28	3.05	3.05	100	1.47	48	--	3H	3W	
11.28	14.33	3.05	3.05	100	1.41	46	--	2H	3W	
14.33	17.37	3.04	2.88	95	1.86	61	--	3H	2W	
17.37	20.42	3.05	3.05	100	2.55	84	--	3H	2W	
20.42	23.47	3.05	3.05	100	1.02	33	--	3H	2W	
23.47	26.52	3.05	2.87	94	1.62	53	--	3H	2W	
26.52	29.57	3.05	2.89	95	2.16	71	--	3H	2W	
29.57	32.61	3.04	3.04	100	1.76	58	--	3H	2W	
32.61	35.66	3.05	3.05	100	1.97	65	--	3H	2W	
35.66	38.71	3.05	2.9	95	1.69	55	--	3H	2W	
38.71	41.75	3.04	3	99	1.88	62	--	3H	2W	
41.75	44.80	3.05	2.95	97	2.44	80	--	3H	2W	
44.80	47.85	3.05	3.01	99	2.71	89	--	2H	2W	
47.85	50.90	3.05	3.05	100	2.04	67	--	3H	3W	
50.90	53.95	3.05	2.52	83	1.47	48	--	2H	2W	
53.95	57.00	3.05	3.04	100	2.25	74	--	3H	2W	
57.00	60.05	3.05	2.91	95	2.54	83	--	3H	2W	
60.05	63.09	3.04	3	99	2.63	87	--	3H	2W	
63.09	66.14	3.05	3	98	2.01	66	--	3H	2W	
66.14	69.19	3.05	3.05	100	2.81	92	--	3H	2W	
69.19	72.24	3.05	2.97	97	2.74	90	--	3H	2W	
72.24	75.29	3.05	3.05	100	1.41	46	--	3H	2W	
75.29	78.33	3.04	2.96	97	2.30	76	--	3H	1W	
78.33	81.38	3.05	2.9	95	2.13	70	--	3H	1W	
81.38	84.43	3.05	2.84	93	2.03	67	--	3H	1W	
84.43	87.48	3.05	2.98	98	2.12	70	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	2.52	83	--	3H	1W	
90.53	93.57	3.04	3.02	99	2.45	81	--	3H	2W	
93.57	96.62	3.05	3	98	2.47	81	--	3H	1W	
96.62	99.67	3.05	3.04	100	2.36	77	--	3H	1W	
99.67	102.72	3.05	2.92	96	2.51	82	--	3H	1W	
102.72	105.77	3.05	3	98	2.02	66	--	3H	1W	
105.77	108.81	3.04	2.94	97	1.71	56	--	3H	1W	
108.81	111.86	3.05	3.02	99	1.86	61	--	2H	1W	
111.86	114.91	3.05	2.97	97	1.88	62	--	3H	1W	
114.91	117.96	3.05	3.05	100	2.68	88	--	3H	1W	
117.96	121.01	3.05	3.02	99	2.18	71	--	3H	1W	
121.01	124.05	3.04	3.03	100	2.82	93	--	4H	1W	
124.05	127.10	3.05	2.99	98	2.24	73	--	3H	1W	
127.10	130.15	3.05	2.99	98	2.05	67	--	3H	1W	
130.15	133.20	3.05	3.03	99	2.40	79	--	3H	1W	
133.20	136.25	3.05	3	98	2.14	70	--	3H	1W	
136.25	139.29	3.04	3.03	100	2.20	72	--	3H	1W	
139.29	142.34	3.05	2.94	96	2.13	70	--	3H	1W	
142.34	145.39	3.05	3.04	100	2.78	91	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	16.1	GRD	
4	0.849	GRD	
5	19	GRD	
6	12.3	GRD	
7	19.9	GRD	
8	17.3	GRD	
9	21.6	GRD	
10	0.812	GRD	
11	17.6	GRD	
12	0.82	GRD	
13	2.51	GRD	
14	0.47	GRD	
15	34.7	GRD	
16	18.2	GRD	
17	19.3	GRD	
18	18.1	GRD	
19	19.8	GRD	
20	18.7	GRD	
21	17.4	GRD	
22	17.8	GRD	
23	21.3	GRD	
24	18.2	GRD	
25	21.3	GRD	
26	19.2	GRD	
27	16.9	GRD	
28	19	GRD	
29	18.5	GRD	
30	14.5	GRD	
31	15.9	GRD	
32	10.9	GRD	
32	0.426	GRD	
33	19.8	GRD	
34	20.9	GRD	
35	19.4	GRD	
36	18.8	GRD	
37	17.5	GRD	
38	19.3	GRD	
39	16.1	GRD	
40	9.95	GRD	
41	19.7	GRD	
42	2.94	GRD	
43	0.29	GRD	
44	0.185	GRD	
45	0.432	GRD	
46	0.375	GRD	
47	0.412	GRD	
48	1.41	GRD	
49	0.489	GRD	
50	0.338	GRD	
51	0.297	GRD	
52	0.645	GRD	
53	13.6	GRD	
54	0.501	GRD	
55	0.927	GRD	
56	0.493	GRD	
57	0.889	GRD	
58	21.5	GRD	
59	8.67	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	21	GRD	
61	13.3	GRD	
63	6.36	GRD	
64	10.6	GRD	
65	18.4	GRD	
66	19	GRD	
67	22.4	GRD	
68	17.4	GRD	
69	3.49	GRD	
70	4.36	GRD	
71	20.4	GRD	
72	3.85	GRD	
73	28.7	GRD	
73	0.747	GRD	
74	26.3	GRD	
74	26.3	GRD	
75	21	GRD	
75	21	GRD	
76	0.747	GRD	
77	0.452	GRD	
78	8	GRD	
79	3.72	GRD	
80	23	GRD	
81	23	GRD	
82	24.1	GRD	
83	3.51	GRD	
84	25.9	GRD	
85	22.4	GRD	
86	25.3	GRD	
87	13.4	GRD	
88	25.4	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
89	27.1	GRD	
90	22.4	GRD	
91	17.3	GRD	
92	24.1	GRD	
93	22.2	GRD	
94	18	GRD	
95	5.66	GRD	
96	0.586	GRD	
97	20.3	GRD	
98	2.31	GRD	
99	23.3	GRD	
100	4.8	GRD	
101	0.944	GRD	
102	0.645	GRD	
103	13.2	GRD	
104	11.1	GRD	
105	0.273	GRD	
106	0.376	GRD	
107	0.416	GRD	
108	6.09	GRD	
109	0.428	GRD	
110	6.88	GRD	
111	0.434	GRD	
112	0.444	GRD	
113	4.12	GRD	
114	0.511	GRD	
115	0.725	GRD	
116	0.623	GRD	
117	0.676	GRD	
118	6.02	GRD	
119	7.25	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
120	3.55	GRD	
121	0.848	GRD	
122	11.1	GRD	
123	0.371	GRD	
124	1.08	GRD	
125	0.23	GRD	
126	0.264	GRD	
127	3.76	GRD	
128	0.618	GRD	
129	0.432	GRD	
130	0.31	GRD	
131	0.285	GRD	
132	0.433	GRD	
133	0.37	GRD	
134	0.221	VEN	
135	0.586	GRD	
136	0.588	GRD	
137	0.293	GRD	
138	0.517	GRD	
139	0.437	GRD	
140	2.01	GRD	
141	0.624	GRD	
142	0.525	GRD	
143	0.556	GRD	
144	13	GRD	
145	3.03	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382481	6890597	1331.81	230.73

ZONE: Western Klaza

SECTION:

HOLE: KL-14-190

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 27 - Jul 30, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	34.43	-50	Calculated
230.73	34.78	-50.7	Calculated

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	45.55	44.03	GRD
45.55	49.35	3.8	GRD
49.35	62.04	12.69	GRD
62.04	62.83	0.79	QFP
62.83	65.9	3.07	GRD
65.9	66.81	0.91	GRD
66.81	86.05	19.24	GRD
86.05	92.91	6.86	GRD
92.91	98.36	5.45	GRD
98.36	102.1	3.74	GRD
102.1	109.8	7.7	GRD
109.8	112.55	2.75	GRD
112.55	121.08	8.53	GRD
121.08	127.66	6.58	GRD
127.66	132.87	5.21	GRD

SAMPLES	
Numbers:	Q016952 to Q016997, Q927695, Q927697 to Q927745
Total:	102
Batch:	108, 111, 112, 113, 114, 119
Certificates:	WH14114875, WH14114877, WH14116728, WH14118400, WH14118401, WH14118405

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

132.87	171.7	38.83	GRD
171.7	172.58	0.88	QFP
172.58	176.95	4.37	GRD
176.95	230.73	53.78	GRD

Box Log

KL-14-190

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	4.7
2	4.7	7.22
3	7.22	9.36
4	9.36	13.47
5	13.47	16.82
6	16.82	19.85
7	19.85	22.9
8	22.9	26.22
9	26.22	29.05
10	29.05	32.05
11	32.05	34.88
12	34.88	37.77
13	37.77	41.2
14	41.2	44.45
15	44.45	47.35
16	47.35	50.25
17	50.25	53.2
18	53.2	56
19	56	58.75
20	58.75	61.79
21	61.79	64.8
22	64.8	67.97
23	67.97	71.21
24	71.21	74.2
25	74.2	77.35
26	77.35	79.87
27	79.87	82.5
28	82.5	85.4
29	85.4	88.38
30	88.38	91.27
31	91.27	94.06
32	94.06	96.74
33	96.74	100
34	100	102.72
35	102.72	105.53
36	105.53	108.64
37	108.64	111.7
38	111.7	114.68
39	114.68	117.66
40	117.66	120.66
41	120.66	124.05
42	124.05	127.1
43	127.1	130.1
44	130.1	132.81
45	132.81	135.83
46	135.83	138.81
47	138.81	142.06
48	142.06	145.04
49	145.04	148.07
50	148.07	151.11
51	151.11	153.97
52	153.97	157.16
53	157.16	160.3
54	160.3	163.02
55	163.02	166.15
56	166.15	169.12
57	169.12	172.15
58	172.15	174.95
59	174.95	177.85
60	177.85	180.85
61	180.85	183.6
62	183.6	186.1
63	186.1	188.68
64	188.68	191.37
65	191.37	194.29
66	194.29	197.21
67	197.21	200.25
68	200.25	203.25
69	203.25	205.95
70	205.95	209
71	209	212
72	212	215.28
73	215.28	218.2
74	218.2	221.47
75	221.47	224.4
76	224.4	227.54
77	227.54	230.28
78	230.28	230.73

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-190									
	46.41	11.2	HQ	GRD	1074.9	692.8	3.28	2.8	Strongly silicified smoky quartz ankerite-calcite eccia with sub angular sand to pebble sized clasts. Disseminated pyrite and hematite, discontinuous veinlets, stringers and vugs of ankerite and calcite throughout. Comb textures on ankerite-calcite boundaries . Weak oxidization on fracture surfaces.
	105.77	14.7	HQ	GRD	1245.6	813.6	2.9	2.9	Moderate silicification strong phyllic altered breccia granodiorite hosting blebby galena, pyrite, tan ankerite and red quartz.
	107.36	15.8	HQ	GRD	1401	907.5	3.03	2.8	Banded smoky quartz breccia hosting discontinuous bands of galena, ankerite, arsenopyrite, calcite, pyrite plus disseminated and blebby pyrite. Also contains 5cm of moderate phyllic altered granodiorite with moderate silicification.
	140.34	14	HQ	GRD	1382	973.5	3.38	3.4	Banded vein breccia with bands of honey brown and blackjack sphalerite, milky quartz, pyrite and ankerite with blebby galena throughout.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	27.16	25.64	GRD	MG	Granodiorite with silicification and trace propylitic. Oxides on fractures.							
						MD	GY		OXI	2I		
						LT	BN		SIL	2I		
									PRO	1I		
27.16	29.57	2.41	GRD	MG	Granodiorite with hematite, silicification, and trace oxidation on fractures. Rubbly for a short section.							
						MD	GY	RB	OXI	1I		
						MD	RD		HEM	1I		
						LT	BN		SIL	1I		
29.57	34.96	5.39	GRD	MG	Granodiorite with silicification and trace propylitic. Oxides on fractures.							
						MD	GY		OXI	1I		
						LT	BN		SIL	1I		
									PRO	1I		
34.96	37.08	2.12	GRD	MG	Phyllic-argillic vein halo with potassic and silica overprint. Oxidation on fractures. Veins are smoky quartz-white carbonate with disseminated pyrite.							
						MD	PK		PHC	2I		
						LT	GN		OXI	1I		
						LT	BN		SIL	1I		
									POT	1I		
									ARG	1I		
37.08	38.96	1.88	GRD	MG	Granodiorite with silicification and trace propylitic. Oxides on fractures.							
						MD	GY		OXI	1I		
						LT	BN		SIL	1I		
									PRO	1I		
38.96	40.00	1.04	GRD	MG	Phyllic-argillic vein halo with potassic and silica overprint. Oxidation on fractures. Veins are smoky quartz-white carbonate with disseminated pyrite.							
						LT	GN		OXI	1I		
						LT	BN		SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	2I		
									ARG	1I		
40.00	45.55	5.55	GRD	MG	Granodiorite with silicification and trace propylitic. Oxides on fractures.							
						MD	GY		OXI	1I		
						LT	BN		SIL	1I		
									PRO	1I		
45.55	49.35	3.80	GRD	MG	Phyllic-argillic vein halos with patchy potassic overprint and oxidation on fractures. Cut by smoky quartz-carbonate breccias.							
						MD	PK		ARG	2I		
						LT	GN		OXI	1I		
						LT	WH		PHC	3I		
						LT	BN		POT	1I		
49.35	62.04	12.69	GRD	MG	Patchy silicification and potassic altered granodiorite.							
						MD	GY	PA	SIL	1I		
						MD	PK		POT	1I		
62.04	62.83	0.79	QFP	FG	Medium grey quartz feldspar porphyry dyke with oxidation on fractures.							
						MD	GY	PO	OXI	1I		
						DK	BN		SIL	1I		
									HYD	4I		
62.83	65.90	3.07	GRD	MG	Phyllic-argillic vein halos with patchy potassic overprint and oxidation on fractures. Cut by smoky quartz-carbonate breccias.							
						MD	GY	PA	SIL	1I		
						MD	PK		POT	1I		
65.90	66.81	0.91	GRD	MG	Phyllic-argillic vein halo with patchy potassic. Envelops four closely spaced quartz-carbonate veins with disseminated pyrite.							
						MD	PK		ARG	1I		
						LT	GN		PHC	3I	Py	1
						LT	WH		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
66.81	86.05	19.24	GRD	MG	Patchy silicification and potassic altered granodiorite.							
						MD	GY	PA	SIL	1I		
						MD	PK		POT	1I		
86.05	92.91	6.86	GRD	MG	Granodiorite with patchy propylitic, silicification, and potassic alterations overprinted by phyllic-argillic vein halos.							
						MD	PK		ARG	2I		
						LT	GN	PA	SIL	1I		
						LT	WH		POT	1I		
									PRO	2I		
									PHC	2I		
92.91	98.36	5.45	GRD	MG	Strong pervasive phyllic alteration and gouge with significant clay development. Patchy argillic with phyllic overprint. Cut by several wide smoky quartz-tan ankerite veins with strong mineralization.							
						LT	GN		PHC	4I		
						LT	GY		CLY	2I		
									ARG	2I		
98.36	102.10	3.74	GRD	MG	Dominant phyllic with patchy argillic and potassic alteration. Cut by several gouge sections.							
						LT	GN	PA	PHC	3I		
						LT	GY		ARG	3I		
						LT	PK		POT	1I		
102.10	109.80	7.70	GRD	MG	Dominant phyllic with patchy silicificiation, argillic, and potassic alteration. Cut by several gouge sections. Cut by possible main Klaza zone veins at 107.5.							
						LT	GN	PA	SIL	2I		
						LT	WH		PHC	3I		
						LT	PK		ARG	3I		
						LT	GY		POT	2I		
109.80	112.55	2.75	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite.							
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
112.55	121.08	8.53	GRD	MG	Overprinting phyllic-argillic vein halos with patches of weak propylitic and silicification in between. Patchy potassic overprints all alteration types. Trace hematization on fractures below 118m. Cut by smoky quartz-ankerite-calcite veins and a smoky quartz breccia at 116.60m							
						MD	GN	PA	SIL	2I		
						LT	GN		POT	1I		
						LT	PK		PRO	1I		
						LT	WH		PHC	2I		
									HEM	1I		
									ARG	2I		
121.08	127.66	6.58	GRD	MG	Mineralized fault zone. Strong pervasive phyllic and weak clay related to faulting. Recovery is barely coherent, often crumbling upon handling. Mostly granodiorite fragments held together by gouge. Disseminated pyrite throughout gouge. Cut by strongly altered grey-smoky quartz veins with tan ankerite. These veins host pyrite, sphalerite, and galena.							
						MD	RD		CLY	2I		
						LT	GN		PHC	4I	Py	2
						LT	GY		ARG	2I		
127.66	132.87	5.21	GRD	MG	Phyllic-argillic altered granodiorite with patchy hematization and silicification, that manifests as white quartz eyes. Weaker gouge than previous.							
						MD	RD		HEM	2I		
						LT	GN	PA	SIL	3I		
						LT	WH	FR	PHC	3I		
									ARG	1I		
									PRO	1I		
132.87	156.72	23.85	GRD	MG	Mineralized fault zone. Strong pervasive phyllic and weak clay related to faulting. Recovery is barely coherent, often crumbling upon handling. Mostly granodiorite fragments held together by gouge. Disseminated pyrite throughout gouge. Cut by strongly altered grey-smoky quartz veins with tan ankerite. These veins host pyrite, sphalerite, and galena.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	RD		CLY	2I		
						LT	GN		PHC	4I	Py	2
						LT	GY		ARG	2I		
156.72	157.58	0.86	GRD	MG	Phyllic and silicified granodiorite with weaker gouge than previous.							
						LT	GN		SIL	1I		
									CLY	1I		
									PHC	3I		
157.58	160.30	2.72	GRD	MG	Mineralized fault zone. Strong pervasive phyllic and weak clay related to faulting. Recovery is barely coherent, often crumbling upon handling. Mostly granodiorite fragments held together by gouge. Disseminated pyrite throughout gouge. Cut by strongly altered grey-smoky quartz veins with tan ankerite. These veins host pyrite, sphalerite, and galena.							
						LT	GN		PHC	4I		
						LT	GY		CLY	2I		
									ARG	2I		
160.30	161.90	1.60	GRD	MG	Moderately gouged granodiorite with phyllic, argillic, and silicification.							
						LT	GN		SIL	1I		
						LT	WH		PHC	3I		
									ARG	2I		
									CLY	1I		
161.90	163.43	1.53	GRD	MG	Mineralized fault zone. Strong pervasive phyllic and weak clay related to faulting. Recovery is barely coherent, often crumbling upon handling. Mostly granodiorite fragments held together by gouge. Disseminated pyrite throughout gouge. Cut by strongly altered grey-smoky quartz veins with tan ankerite. These veins host pyrite, sphalerite, and galena.							
						LT	GN		PHC	4I		
						LT	GY		CLY	2I		
									ARG	2I		
163.43	165.56	2.13	GRD	MG	Granodiorite with weaker gouge and stronger silicification than surrounding granodiorite.							
						MD	GN		PHC	2I		
						LT	GN		SIL	2I		
									CLY	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
165.56	169.85	4.29	GRD	MG	Weakly gouged granodiorite with stronger silicification than the primary interval. Weak propylitic overprint.							
						MD	GN		PRO	1I		
						LT	GN		SIL	2I		
									CLY	1I		
									PHC	2I		
169.85	171.70	1.85	GRD	MG	Mineralized fault zone. Strong pervasive phyllic and weak clay related to faulting. Recovery is barely coherent, often crumbling upon handling. Mostly granodiorite fragments held together by gouge. Disseminated pyrite throughout gouge. Cut by strongly altered grey-smoky quartz veins with tan ankerite. These veins host pyrite, sphalerite, and galena.							
						LT	GN		PHC	4I		
						LT	GY		CLY	2I		
									ARG	2I		
171.70	172.58	0.88	QFP	FG	Grey-green quartz feldspar porphyry dyke with rubbly, mineralized top contact. Bottom contact is gouged at 60 TCA.							
						MD	GY	PO	HYD	4I		
						LT	GN					
172.58	176.95	4.37	GRD	MG	Pervasively gouged phyllic granodiorite with patchy hematization and potassic alteration. Fault orientation taken from gouged vein at 176.95m with α=20, β=260.							
						LT	GN	RB	PHC	3I		
						LT	GY		CLY	2I		
									HEM	1I		
									POT	1I		
176.95	182.71	5.76	GRD	MG	Granodiorite with patchy-semipervasive hematization and propylitic alteration. Patchy silicification and potassic. Cut by pink aplite dyklets and hosts mafic xenoliths.							
						MD	GY	PA	SIL	2I		
						MD	RD		HEM	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
182.71	188.01	5.30	GRD	MG	Granodiorite with patchy-semipervasive hematization and propylitic alteration. Patchy silicification and potassic. Cut by pink aplite dyklets and hosts mafic xenoliths. Moderately fractured, with stronger hematization on fracture faces.							
						MD	GY	FR	SIL	2I		
						MD	RD		HEM	2I		
									PRO	2I		
188.01	193.65	5.64	GRD	MG	Phyllic-argillic vein halos with hematization on fractures.							
						MD	RD		HEM	2I		
						LT	GN		PHC	2I		
									ARG	2I		
193.65	198.21	4.56	GRD	MG	Granodiorite with patchy-semipervasive hematization and propylitic alteration. Patchy silicification and potassic. Cut by pink aplite dyklets and hosts mafic xenoliths.							
						MD	GY	PA	SIL	2I		
						MD	RD		HEM	2I		
									PRO	2I		
198.21	201.04	2.83	GRD	MG	Granodiorite with strong, dark silicification that partially obliterates textures. Remaining phenocrysts are phyllic altered.							
						MD	GN		PHC	1I		
						DK	BK		SIL	4I		
201.04	230.73	29.69	GRD	MG	Granodiorite with patchy-semipervasive hematization and propylitic alteration. Patchy silicification and potassic. Cut by pink aplite dyklets and hosts mafic xenoliths.							
						MD	RD		HEM	1I		
						MD	GY		SIL	2I		
						MD	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	45.55	44.03	GRD	MG	Granodiorite with silicification and trace propylitic. Oxides on fractures. Cut by rare quartz-carbonate veins with phyllic-argillic halos.							
						LT	BN		SIL	2I		
									PRO	1I		
						MD	GY		OXI	2I		
45.55	49.35	3.80	GRD	MG	Phyllic-argillic vein halos with patchy potassic overprint and oxidation on fractures. Cut by smoky quartz-carbonate breccias.							
						LT	GN		OXI	1I		
						LT	WH		PHC	3I		
						MD	PK		ARG	2I		
						LT	BN		POT	1I		
49.35	62.04	12.69	GRD	MG	Patchy silicification and potassic altered granodiorite.							
						MD	GY	PA	SIL	1I		
						MD	PK		POT	1I		
62.04	62.83	0.79	QFP	FG	Medium grey quartz feldspar porphyry dyke with oxidation on fractures.							
									HYD	4I		
						MD	GY	PO	OXI	1I		
						DK	BN		SIL	1I		
62.83	65.90	3.07	GRD	MG	Phyllic-argillic vein halos with patchy potassic overprint and oxidation on fractures. Cut by smoky quartz-carbonate breccias.							
						LT	BN		POT	1I		
						MD	PK		ARG	2I		
						LT	GN		SIL	1I		
						LT	WH		PHC	3I		
65.90	66.81	0.91	GRD	MG	Phyllic-argillic vein halo with patchy potassic. Envelops four closely spaced quartz-carbonate veins with disseminated pyrite.							
						LT	GN		PHC	3I	Py	1
						MD	PK		ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		POT	1I		
66.81	86.05	19.24	GRD	MG	Patchy silicification and potassic altered granodiorite.							
						MD	GY	PA	SIL	1I		
						MD	PK		POT	1I		
86.05	92.91	6.86	GRD	MG	Granodiorite with patchy propylitic, silicification, and potassic alterations overprinted by phyllic-argillic vein halos.							
									PHC	2I		
						LT	GN	PA	SIL	1I		
						LT	WH		POT	1I		
									PRO	2I		
						MD	PK		ARG	2I		
92.91	98.36	5.45	GRD	MG	Strong pervasive phyllic alteration and gouge with significant clay development. Patchy argillic with phyllic overprint. Cut by several wide smoky quartz-tan ankerite veins with strong mineralization.							
									ARG	2I		
						LT	GY		CLY	2I		
						LT	GN		PHC	4I		
98.36	102.10	3.74	GRD	MG	Dominant phyllic with patchy argillic and potassic alteration. Cut by several gouge sections.							
						LT	PK		POT	1I		
						LT	GY		ARG	3I		
						LT	GN	PA	PHC	3I		
102.10	109.80	7.70	GRD	MG	Dominant phyllic with patchy silicificiation, argillic, and potassic alteration. Cut by several gouge sections. Cut by possible main Klaza zone veins at 107.5.							
						LT	WH		PHC	3I		
						LT	GY		POT	2I		
						LT	GN	PA	SIL	2I		
						LT	PK		ARG	3I		
109.80	112.55	2.75	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite.							
						MD	GN		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
									POT	2I		
112.55	121.08	8.53	GRD	MG	Overprinting phyllic-argillic vein halos with patches of weak propylitic and silicification in between. Patchy potassic overprints all alteration types. Trace hematization on fractures below 118m. Cut by smoky quartz-ankerite-calcite veins and a smoky quartz breccia at 116.60m							
						LT	GN		POT	1I		
									ARG	2I		
						LT	WH		PHC	2I		
									HEM	1I		
						MD	GN	PA	SIL	2I		
						LT	PK		PRO	1I		
121.08	127.66	6.58	GRD	MG	Mineralized fault zone. Strong pervasive phyllic and weak clay related to faulting. Recovery is barely coherent, often crumbling upon handling. Mostly granodiorite fragments held together by gouge. Disseminated pyrite throughout gouge. Cut by strongly altered grey-smoky quartz veins with tan ankerite. These veins host pyrite, sphalerite, and galena.							
						MD	RD		CLY	2I		
						LT	GY		ARG	2I		
						LT	GN		PHC	4I	Py	2
127.66	132.87	5.21	GRD	MG	Phyllic-argillic altered granodiorite with patchy hematization and silicification, that manifests as white quartz eyes. Weaker gouge than previous.							
						MD	RD		HEM	2I		
						LT	WH	FR	PHC	3I		
									PRO	1I		
						LT	GN	PA	SIL	3I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
132.87	171.70	38.83	GRD	MG	Mineralized fault zone. Strong pervasive phyllic and weak clay related to faulting. Recovery is barely coherent, often crumbling upon handling. Mostly granodiorite fragments held together by gouge. Disseminated pyrite throughout gouge. Cut by strongly altered grey-smoky quartz veins with tan ankerite. These veins host pyrite, sphalerite, and galena.							
						MD	RD		CLY	2I		
						LT	GN		PHC	4I	Py	2
						LT	GY		ARG	2I		
171.70	172.58	0.88	QFP	FG	Grey-green quartz feldspar porphyry dyke with rubbly, mineralized top contact. Bottom contact is gouged at 60 TCA.							
						LT	GN					
						MD	GY	PO	HYD	4I		
172.58	176.95	4.37	GRD	MG	Pervasively gouged phyllic granodiorite with patchy hematization and potassic alteration. Fault orientation taken from gouged vein at 176.95m with α=20, β=260.							
						LT	GN	RB	PHC	3I		
						LT	GY		CLY	2I		
									HEM	1I		
									POT	1I		
176.95	230.73	53.78	GRD	MG	Granodiorite with patchy-semipervasive hematization and propylitic alteration. Patchy silicification and potassic. Rare vein-associated phyllic-argillic. Cut by pink aplite dyklets and hosts mafic xenoliths.							
						MD	RD		HEM	2I		
									PRO	2I		
									PHC	1I		
									ARG	1I		
						MD	GY	PA	SIL	2I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	1.52	100	0.00	0	--	--	--	
1.52	5.18	3.66	2.16	59	0.70	19	--	4H	3W	
5.18	8.23	3.05	3	98	0.55	18	--	4H	3W	
8.23	11.28	3.05	1.89	62	0.15	5	--	4H	3W	
11.28	14.33	3.05	2.11	69	0.70	23	--	4H	2W	
14.33	17.37	3.04	2.96	97	1.06	35	--	4H	2W	
17.37	20.42	3.05	2.61	86	0.82	27	--	4H	2W	
20.42	23.47	3.05	2.76	90	1.78	58	--	4H	2W	
23.47	26.52	3.05	2.57	84	0.98	32	--	4H	2W	
26.52	29.57	3.05	2.23	73	0.91	30	--	3H	3W	
29.57	32.61	3.04	2.56	84	1.51	50	--	4H	2W	
32.61	35.66	3.05	2.38	78	0.98	32	--	4H	2W	
35.66	38.71	3.05	2.61	86	1.12	37	--	3H	3W	
38.71	41.76	3.05	2.44	80	1.10	36	--	4H	2W	
41.76	44.81	3.05	2.19	72	0.97	32	--	4H	3W	
44.81	47.85	3.04	2.42	80	1.08	36	--	3H	3W	
47.85	50.90	3.05	2.79	91	1.00	33	--	4H	2W	
50.90	53.95	3.05	2.7	89	1.97	65	--	4H	1W	
53.95	57.00	3.05	2.98	98	2.16	71	--	4H	1W	
57.00	60.05	3.05	3.05	100	1.11	36	--	4H	1W	
60.05	63.09	3.04	3.04	100	1.34	44	--	3H	2W	
63.09	66.14	3.05	3.05	100	2.48	81	--	4H	2W	
66.14	69.19	3.05	3.05	100	2.20	72	--	5H	2W	
69.19	72.24	3.05	2.92	96	1.91	63	--	5H	2W	
72.24	75.29	3.05	2.99	98	1.73	57	--	5H	2W	
75.29	78.33	3.04	2.96	97	1.73	57	--	4H	1W	
78.33	81.38	3.05	2.61	86	0.64	21	--	4H	1W	
81.38	84.43	3.05	3.05	100	1.15	38	--	4H	1W	
84.43	87.48	3.05	3.05	100	1.36	45	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.96	97	1.26	41	--	4H	1W	
90.53	93.57	3.04	3.01	99	1.85	61	--	3H	1W	
93.57	96.62	3.05	2.78	91	0.72	24	--	3H	1W	
96.62	99.67	3.05	2.27	74	0.17	6	--	2H	1W	
99.67	102.72	3.05	2.85	93	1.33	44	--	3H	1W	
102.72	105.77	3.05	2.96	97	2.03	67	--	3H	1W	
105.77	108.81	3.04	3.04	100	2.20	72	--	3H	1W	
108.81	111.86	3.05	2.83	93	1.69	55	--	3H	1W	
111.86	114.91	3.05	2.92	96	1.33	44	--	3H	1W	
114.91	117.96	3.05	2.86	94	0.46	15	--	3H	1W	
117.96	121.01	3.05	2.89	95	1.92	63	--	3H	1W	
121.01	124.05	3.04	2.37	78	0.56	18	--	1H	1W	
124.05	127.10	3.05	3.05	100	0.00	0	--	1H	1W	
127.10	130.15	3.05	2.99	98	1.38	45	--	2H	1W	
130.15	133.20	3.05	3.05	100	1.20	39	--	2H	1W	
133.20	136.25	3.05	3.01	99	1.86	61	--	2H	1W	
136.25	139.29	3.04	3.04	100	2.32	76	--	2H	1W	
139.29	142.34	3.05	2.87	94	1.83	60	--	2H	1W	
142.34	145.39	3.05	3.05	100	2.25	74	--	2H	1W	
145.39	148.44	3.05	3	98	2.54	83	--	2H	1W	
148.44	151.49	3.05	2.92	96	2.09	69	--	2H	1W	
151.49	154.53	3.04	3.04	100	1.93	63	--	2H	1W	
154.53	157.58	3.05	2.91	95	1.80	59	--	2H	1W	
157.58	160.63	3.05	3.05	100	2.08	68	--	2H	1W	
160.63	163.68	3.05	2.97	97	1.30	43	--	2H	1W	
163.68	166.73	3.05	3.04	100	2.02	66	--	3H	1W	
166.73	169.77	3.04	3.04	100	2.30	76	--	3H	1W	
169.77	172.82	3.05	2.98	98	1.54	50	--	3H	1W	
172.82	175.87	3.05	3.04	100	0.81	27	--	2H	1W	
175.87	178.92	3.05	3.04	100	2.23	73	--	2H	1W	
178.92	181.97	3.05	3.05	100	1.13	37	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	0.32	11	--	3H	1W	
185.01	188.06	3.05	3.05	100	1.08	35	--	3H	1W	
188.06	191.11	3.05	3.04	100	0.62	20	--	3H	1W	
191.11	194.16	3.05	3.05	100	1.43	47	--	3H	1W	
194.16	197.21	3.05	2.97	97	1.53	50	--	4H	1W	
197.21	200.25	3.04	3.04	100	2.08	68	--	5H	1W	
200.25	203.30	3.05	2.81	92	1.28	42	--	5H	1W	
203.30	206.35	3.05	2.96	97	1.53	50	--	4H	1W	
206.35	209.40	3.05	3.02	99	2.06	68	--	4H	1W	
209.40	212.45	3.05	2.98	98	1.85	61	--	4H	1W	
212.45	215.49	3.04	3.01	99	2.92	96	--	4H	1W	
215.49	218.54	3.05	3.05	100	1.78	58	--	4H	1W	
218.54	221.59	3.05	2.96	97	1.68	55	--	4H	1W	
221.59	224.64	3.05	2.97	97	1.51	50	--	4H	1W	
224.64	227.69	3.05	3	98	2.19	72	--	4H	1W	
227.69	230.73	3.04	3.04	100	1.18	39	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	16.2	GRD	
3	15	GRD	
4	19	GRD	
5	17.6	GRD	
6	0.631	GRD	
7	16.8	GRD	
8	16.8	GRD	
9	16.6	GRD	
10	11.5	GRD	
11	14.2	GRD	
12	11.9	GRD	
13	19	GRD	
14	18.5	GRD	
15	13.9	GRD	
16	19.8	GRD	
17	22.8	GRD	
18	2.18	GRD	
19	12.9	GRD	
20	13.8	GRD	
21	16.6	GRD	
22	17.3	GRD	
23	20.8	GRD	
24	19.5	GRD	
25	20.7	GRD	
26	21.1	GRD	
27	16.2	GRD	
28	3.09	GRD	
29	22.6	GRD	
30	22.4	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	17.2	GRD	
32	21.1	GRD	
33	18.5	GRD	
34	20.6	GRD	
35	3.82	GRD	
36	0.884	GRD	
37	0.467	GRD	
38	0.491	GRD	
39	0.641	GRD	
40	0.766	GRD	
41	5.36	GRD	
42	19.9	GRD	
43	14.4	GRD	
44	11.6	GRD	
45	8.4	GRD	
46	0.258	GRD	
47	0.452	GRD	
48	0.258	GRD	
49	0.567	GRD	
50	18.6	GRD	
51	20.4	GRD	
52	19.8	GRD	
53	14.5	GRD	
54	3.76	GRD	
55	0.721	GRD	
56	19.6	GRD	
57	13.4	GRD	
58	21	GRD	
59	2.42	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	12.4	GRD	
61	8.73	GRD	
62	0.879	GRD	
63	0.443	GRD	
64	3.22	GRD	
65	12.4	GRD	
66	0.521	GRD	
67	5.67	GRD	
68	19.3	GRD	
69	18.2	GRD	
70	17.8	GRD	
71	17.1	GRD	
72	19.3	GRD	
73	19.4	GRD	
74	16.7	GRD	
75	19.9	GRD	
76	13.2	GRD	
77	20.5	GRD	
78	21.5	GRD	
79	16	GRD	
80	3.14	GRD	
81	15	GRD	
82	0.946	GRD	
83	4.98	GRD	
84	17.3	GRD	
85	19.2	GRD	
86	19.7	GRD	
87	0.964	GRD	
88	2.77	GRD	
89	3.69	GRD	
90	0.329	GRD	
91	1.62	GRD	
92	5.55	GRD	
93	0.593	GRD	
94	0.385	GRD	
95	0.564	GRD	
96	0.312	GRD	
97	0.284	GRD	
98	0.352	GRD	
99	2.06	GRD	
100	0.522	GRD	
101	0.824	GRD	
102	0.496	GRD	
103	0.276	GRD	
104	0.247	GRD	
105	0.356	GRD	
106	0.24	GRD	
107	0.195	GRD	
108	0.229	GRD	
109	0.608	GRD	
110	0.411	GRD	
111	2.65	GRD	
112	6.75	GRD	
113	0.318	GRD	
114	0.465	GRD	
115	0.385	GRD	
116	0.38	GRD	
117	0.33	GRD	
118	0.726	GRD	
119	3.25	GRD	
120	1.42	GRD	
121	0.317	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	0.18	GRD	
123	0.26	GRD	
124	0.235	GRD	
125	0.472	GRD	
126	0.384	GRD	
127	0.494	GRD	
128	0.222	GRD	
129	0.271	GRD	
130	0.315	GRD	
131	0.554	GRD	
132	0.123	GRD	
133	0.296	GRD	
134	0.403	GRD	
135	0.515	GRD	
136	0.243	GRD	
137	0.218	GRD	
138	0.211	GRD	
139	0.417	GRD	
140	0.459	GRD	
141	0.355	GRD	
142	0.246	GRD	
143	0.311	GRD	
144	0.352	GRD	
145	0.267	GRD	
146	0.222	GRD	
147	0.219	GRD	
148	0.506	GRD	
149	0.422	GRD	
150	0.32	GRD	
151	0.378	GRD	
152	0.593	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
153	0.338	GRD	
154	0.437	GRD	
155	0.397	GRD	
156	0.493	GRD	
157	0.619	GRD	
158	0.305	GRD	
159	0.409	GRD	
160	0.333	GRD	
161	0.437	GRD	
162	0.482	GRD	
163	0.353	GRD	
164	0.286	GRD	
165	0.323	GRD	
166	0.452	GRD	
167	0.327	GRD	
168	0.394	GRD	
169	0.44	GRD	
170	0.383	GRD	
172	0.914	QFP	
173	0.501	GRD	
174	0.772	GRD	
175	0.772	GRD	
176	0.305	GRD	
177	0.451	GRD	
178	3.18	GRD	
179	1.49	GRD	
180	15.8	GRD	
181	15	GRD	
182	6.74	GRD	
183	18.5	GRD	
184	14.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
185	10.6	GRD	
186	10.4	GRD	
187	14.7	GRD	
188	1.48	GRD	
189	0.485	GRD	
190	2.45	GRD	
191	2.27	GRD	
192	1.45	GRD	
193	0.387	GRD	
194	1.38	GRD	
195	5.15	GRD	
196	19.5	GRD	
197	20	GRD	
198	16.1	GRD	
199	21.1	GRD	
200	9.3	GRD	
201	6.89	GRD	
202	2.08	GRD	
203	1.63	GRD	
204	13.6	GRD	
205	3.69	GRD	
205	3.69	GRD	
206	1	GRD	
207	2.58	GRD	
208	4.12	GRD	
209	1.16	GRD	
210	3.62	GRD	
211	18.2	GRD	
212	3.68	GRD	
213	5.37	GRD	
214	6.65	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
215	0.507	GRD	
216	2.77	GRD	
217	0.822	GRD	
218	1.02	GRD	
219	0.442	GRD	
220	0.635	GRD	
221	4.09	GRD	
222	2.87	GRD	
223	10.2	GRD	
224	10.9	GRD	
225	4.19	GRD	
226	1.66	GRD	
227	4.55	GRD	
228	2.42	GRD	
229	11.8	GRD	
230	1.47	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381741	6889980	1306.68	242.93

ZONE: Western BRX

SECTION:

HOLE: KL-14-191

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Jul 27 - Jul 30, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35.41	-50	Calculated
236.82	35.77	-51.3	Calculated

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.86	2.86	CAS
2.86	56	53.14	GRD
56	198.5	142.5	GRD
198.5	201.8	3.3	GRD
201.8	203.47	1.67	GRD
203.47	207.8	4.33	QFP
207.8	215.34	7.54	GRD
215.34	217.49	2.15	QFP
217.49	222	4.51	GRD
222	222.55	0.55	BXA
222.55	224.64	2.09	GRD
224.64	229.72	5.08	GRD
229.72	242.93	13.21	GRD

SAMPLES	
Numbers:	Q926375 to Q926439
Total:	79
Batch:	109, 110, 115, 120
Certificates:	WH14114876, WH14116729, WH14117463, WH14118402

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-191

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.86	5.61
2	5.61	8.75
3	8.75	11.68
4	11.68	14.78
5	14.78	17.82
6	17.82	20.96
7	20.96	23.86
8	23.86	26.63
9	26.63	29.57
10	29.57	32.84
11	32.84	35.89
12	35.89	39.13
13	39.13	42.03
14	42.03	45
15	45	47.85
16	47.85	50.9
17	50.9	54.19
18	54.19	57.28
19	57.28	60.48
20	60.48	63.39
21	63.39	66.36
22	66.36	69.19
23	69.19	72.11
24	72.11	75.04
25	75.04	78.16
26	78.16	81
27	81	83.05
28	83.05	85.82
29	85.82	88.6
30	88.6	91.37
31	91.37	94.3
32	94.3	97.38
33	97.38	100.33
34	100.33	103.27
35	103.27	106.2
36	106.2	109.29
37	109.29	112.02
38	112.02	114.91
39	114.91	117.42
40	117.42	120.38
41	120.38	123.5
42	123.5	126.06
43	126.06	129.23
44	129.23	132.34
45	132.34	135.56
46	135.56	138.82
47	138.82	142.02
48	142.02	145.39
49	145.39	148.54
50	148.54	151.64
51	151.64	154.7
52	154.7	157.81
53	157.81	161.1
54	161.1	164.21
55	164.21	167.2
56	167.2	170.34
57	170.34	173.48
58	173.48	176.51
59	176.51	179.84
60	179.84	182.71
61	182.71	185.86
62	185.86	188.78
63	188.78	191.81
64	191.81	194.74
65	194.74	197.81
66	197.81	200.93
67	200.93	204.15
68	204.15	207.22
69	207.22	210.05
70	210.05	213.05
71	213.05	216.32
72	216.32	219.18
73	219.18	221.94
74	221.94	224.83
75	224.83	227.83
76	227.83	230.73
77	230.73	233.78
78	233.78	236.83
79	236.83	240.36
80	240.36	242.93
81	242.93	25

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-191									
	19.46	16.2	HQ	GRD	1404.3	881.7	2.97	2.7	Moderate to strong phyllic altered granodiorite with moderate silicification and pervasive moderate oxidation. Cut by ankerite veinlets and stringers. Disseminated pyrite throughout.
	84.02	12.6	HQ	GRD	1148.6	751.7	3.12	2.9	Smoky quartz/ light tan ankerite vein hosting blebby pyrite. Ankerite minorly brecciates smoky quartz.
	92.92	12.7	HQ	GRD	1083	703.6	2.92	2.9	Moderate phyllic altered granodiorite with moderate silicification cut by smoky quartz ankerite veinlets and stringers.
	123.5	10	HQ	GRD	832.1	541.1	2.85	2.9	Moderate phyllic altered granodiorite with moderate silicification. Hosting 2.7 centimeter quartz-calcite-ankerite vein with mossy textures and blebby pyrite and sphalerite.
	138.9	16.1	HQ	GRD	1348.6	877.8	2.87	2.9	Banded quartz, tan ankerite, calcite breccia hosting belbby sphalerite and blebby and disseminated pyrite. Breccia has pebble sized subangular carbonate clasts in quartz matrix.
	160.63	15.3	HQ	GRD	1316.7	820	2.94	2.7	Intensely silicified granodiorite with obliterate phyllic to propalytic alteration and 4 centimeter of aplite dyke. Cut by calcite veinlet.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	189.34	16	HQ	GRD	1342.3	840.1	2.87	2.7	Weak argillic altered granodiorite with moderate phyllic overprint and moderate silicification. Cut by Chlorite veinlets and hosting blebby hematite.
	215.91		HQ	QFP	411.9		2.75		Smoky quartz breccia with pebble-cobble rounded clasts in very fine matrix with mineralized clasts of pyrite and sphalerite.
	217.15	6.3	HQ	QFP	506	315	2.75	2.7	Light green silicified quartz feldspar dyke with euhedral blebbs and and veinlet of quartz.
	222	20.3	HQ	GRD	1913.6	1245	3.23	2.9	Smoky quartz-ankerite breccia hosting pyrite, sphalerite, arsenopyrite and jamesonite. Carbonates display net textures.
	222	20.3	HQ	BXA	1913.6	1245	3.23	2.9	Smoky quartz-ankerite breccia hosting pyrite, sphalerite, arsenopyrite and jamesonite. Carbonates display net textures.
	241.51	10.7	HQ	GRD	899.9	566	2.88	2.7	Granodiorite with moderate phyllic, Moderate propalytic and moderate argillic sections and Pervasive moderate silicification. Hosts a smoky quartz-pyrite stringer.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.86	4.54	1.68	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately fractured. Moderate to strong oxidation along fracture surfaces.							
						MD	GY	FR	OXI	3I		
						MD	GN		OXI	4I		
									POT	2I		
									PRO	2I		
4.54	11.28	6.74	GRD	MG	Alternating patches of moderate to strongly oxidized, moderately silicified phyllic and moderate argillic alteration. Oxidation obscures and obliterates rock textures.							
						MD	OR	PA	SIL	3I		
						MD	GN		OXI	3I		
						MD	GY		OXI	4I		
						LT	WH		PHC	3I		
									ARG	3I		
11.28	14.15	2.87	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately fractured. Moderate to strong oxidation along fracture surfaces.							
						MD	GY	FR	OXI	3I	Py	1
						MD	GN		OXI	4I		
									PRO	2I		
									POT	2I		
14.15	20.42	6.27	GRD	MG	Alternating patches of moderate to strongly oxidized, moderately silicified phyllic and moderate argillic alteration. Patches of strongly phyllic altered granodiorite hosting disseminated pyrite. Oxidation obscures and obliterates rock textures.							
						MD	OR	PA	SIL	3I	Py	1
						MD	GY		OXI	4I		
						MD	GN		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
									ARG	3I		
									PHC	4I		
20.42	34.61	14.19	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately fractured. Moderate to strong oxidation along fracture surfaces.							
						MD	GY	FR	OXI	3I		
						MD	GN		OXI	4I		
									POT	2I		
									PRO	2I		
34.61	38.71	4.10	GRD	MG	Alternating patches of moderate to strongly oxidized, moderately silicified phyllic and moderate argillic alteration. Oxidation obscures and obliterates rock textures. Orange yellow gouge zone in the center of the interval.							
						MD	OR	PA	SIL	3I		
						MD	GN		OXI	3I		
						MD	YW		ARG	3I		
						MD	GY		OXI	4I		
						LT	WH		PHC	3I		
38.71	44.81	6.10	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately fractured. Moderate to strong oxidation along fracture surfaces.							
						MD	GY	FR	OXI	3I		
						MD	GN		OXI	4I		
									POT	2I		
									PRO	2I		
46.61	56.00	9.39	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately fractured. Moderate to strong oxidation along fracture surfaces.							
						MD	GY	FR	OXI	3I		
						MD	GN		OXI	4I		
									POT	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
56.00	77.95	21.95	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	GY	EN	SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									ARG	3I		
									ARG	2I		
77.95	82.68	4.73	GRD	MG	Rubbly alternating patches of potassic propyllitic overprinted argillic alteration and weak potassic propyllitic altered granodiorite.							
						MD	GY	RB	POT	2I		
						MD	PK					
						LT	WH	PA	PRO	2I		
						DK	GN		ARG	3I		
82.68	88.44	5.76	GRD	MG	Potassic/propyllitic overprinted argillic altered granodiorite with phyllic/propyllitic envelopes around quartz/carbonate veins and veinlets.							
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
									PRO	3I		
88.44	91.26	2.82	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
91.26	104.30	13.04	GRD	MG	Alternation patches of weak potassic/propyllitic overprinted argillic alteration and moderately silicified phyllic alteration. Phyllic alteration host carbonate +/- quartz veining.							
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH	PA	ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
									SIL	3I		
104.30	105.42	1.12	GRD	MG	Moderately hematized and chloritized granodiorite.							
						MD	GY		HEM	3I		
						DK	GN		CHL	3I		
						DK	RD					
105.42	110.13	4.71	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
110.13	111.07	0.94	GRD	MG	Moderate to strongly silicified and phyllic envelope around a quartz/carbonate sulphide vein. Phyllic alteration transitions to weak potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	GY	EN	SIL	3I		
						MD	GN		SIL	4I		
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
						LT	WH		PHC	4I		
						DK	GN		ARG	3I		
									PRO	2I		
111.07	123.14	12.07	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	3I		
123.14	123.70	0.56	GRD	MG	Moderately silicified phyllic envelope around three quartz/carbonate/sulphide veins.							
						MD	GN		PHC	3I		
						LT	GN	EN	SIL	3I		
123.70	124.60	0.90	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
124.60	131.80	7.20	GRD	MG	Alternation patches of weak potassic/propyllitic overprinted argillic alteration and moderately silicified phyllic alteration. Phyllic alteration host carbonate +/- quartz veining.							
						MD	PK		POT	2I		
						LT	WH	PA	ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
									SIL	3I		
131.80	135.45	3.65	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
135.45	140.15	4.70	GRD	MG	Alternation patches of weak potassic/propyllitic overprinted argillic alteration, weak to moderate potassic/propyllitic alteration and moderately silicified phyllic alteration. Phyllic alteration host carbonate +/- quartz veining.							
						MD	PK		POT	2I		
						LT	WH	PA	ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
									SIL	3I		
140.15	142.34	2.19	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
142.34	142.58	0.24	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein.							
						MD	GN		PHC	3I		
						LT	GN	EN	SIL	3I		
142.58	151.45	8.87	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
151.45	153.00	1.55	GRD	MG	Alternation patches of weak potassic/propyllitic overprinted argillic alteration and moderately silicified phyllic alteration. Phyllic alteration host carbonate +/- quartz veining.							
						MD	PK		POT	2I		
						LT	WH	PA	ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
									SIL	3I		
153.00	160.30	7.30	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
160.30	161.30	1.00	GRD	FG	Strong to intensely silicified patchy moderate phyllic propyllitic and hematite alteration. Silicification obliterates rock textures.							
						MD	RD		SIL	4I		
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	5I		
									PRO	3I		
									HEM	3I		
161.30	161.70	0.40	GRD	MG	Weak potassic/propyllitic overprinted moderate argillic altered granodiorite.							
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
161.70	169.64	7.94	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
169.64	172.76	3.12	GRD	MG	Alternation patches of weak potassic/propyllitic overprinted argillic alteration, weak to moderate potassic/propyllitic alteration and moderately silicified phyllic alteration. Phyllic alteration host carbonate +/- quartz veining.							
						MD	PK		POT	2I		
						LT	WH	PA	ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
172.76	176.18	3.42	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
176.18	193.17	16.99	GRD	MG	Alternation patches of weak potassic/propyllitic overprinted argillic alteration, weak to moderate potassic/propyllitic alteration and moderately silicified phyllic alteration. Phyllic alteration host carbonate +/- quartz veining.							
						MD	PK		POT	2I		
						LT	WH	PA	ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	2I		
									SIL	3I		
193.17	198.50	5.33	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
198.50	201.80	3.30	GRD	MG	Moderately potassic/propyllitic overprinted argillic altered granodiorite with small phyllic/propyllitic envelopes around quartz carbonate veining.							
						MD	PK		PRO	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		POT	3I		
201.80	203.47	1.67	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins.							
						MD	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	3I		
203.47	207.80	4.33	QFP	FG	Medium grey/orange quartz feldspar porphyry dyke. Uppder contact is sharp @ 60 TCA and is separated from granodiorite by 2cm of quartz breccia fron granodioirte. Lower contact is sharp and oriented at 70 TCA and is separated from granodiorite by 6 cm of grey quartz breccia.							
						MD	GY	PO				
						MD	OR					
207.80	215.34	7.54	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
215.34	215.75	0.41	QFP	FG	Patchy dark red and tan quartz feldspar porphyry dyke.							
						MD	TN					
						DK	RD	PO				
215.75	216.00	0.25	BXA	--	Breccia. Grey fine grained matrix (quartz?) with grey/green dyke and quartz/sulphide clasts. Clasts hosts disseminated to blebby pyrite and sphalerite.							
						MD	GY	BX			Py	3
											Sp	1
216.00	216.49	0.49	QFP	FG	Weakly gouge altered grey green quartz feldspar porphyry dyke.							
						MD	GY	PO				
						MD	GN					
216.49	216.68	0.19	QFP	FG	Medium grey moderately silicified quartz feldspar porphyry dyke.							
						MD	GY	PO	SIL	3I		
216.68	217.49	0.81	QFP	FG	Light grey/green quartz feldspar porphyry dyke hosting small discontinuous smokey quartz veinlets (<0.2cm wide) ~0.1-1cm. Hosts disseminated pyrite.							
						LT	GN	PO				
						LT	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
217.49	222.00	4.51	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration, and silicified potassic/propyllitic altered granodiorite.							
						MD	PK		POT	3I		
						MD	GY		PHC	3I		
						LT	GN		SIL	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
222.00	222.55	0.55	BXA	MG	Strongly silicified/phyllic altered granodiorite brecciated by grey to smokey quartz and cream ankerite veining. Quartz hosts disseminated to blebby pyrite and disseminated arsenopyrite and jamesonite. Granodiorite hosts disseminated pyrite. First ~20cm are gouge altered and rubbly.							
								PA			Py	5
								BX			As	2
											Jm	2
222.55	224.64	2.09	GRD	MG	Moderately silicified phyllic altered granodiorite hosting an abundance of carbonate veining.							
						LT	GN		PHC	3I		
									SIL	3I		
224.64	229.72	5.08	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted argillic alteration and weak to moderately phyllic envelopes around quartz/carbonate veins.							
						MD	PK	EN	ARG	3I		
						LT	WH	PA	SIL	3I		
						LT	GN		PRO	3I		
						DK	GN		POT	3I		
									PHC	3I		
									PHC	2I		
229.72	239.22	9.50	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite. Sporadic small patches of rubbly weak argillic alteration							
						MD	GY	PA	POT	2I		
						MD	GN		PRO	2I		
									ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	2I		
239.22	239.70	0.48	GRD	MG	Moderately silicified phyllic envelope around quartz/carbonate sulphide breccia.							
						MD	GN		PHC	3I		
						LT	GN	EN	SIL	3I		
239.70	241.15	1.45	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite. Sporadic small patches of rubbly weak argillic alteration							
						MD	GY	PA	POT	2I		
						MD	GN		PRO	2I		
									ARG	2I		
									ARG	3I		
241.15	242.93	1.78	GRD	MG	Weak to moderate phyllic/propyllitic altered granodiorite with patchy argillic alteration.							
						MD	GN		PRO	3I		
						LT	GN	PA	PHC	3I		
						LT	WH					
						DK	GN		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.86	56.00	53.14	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately fractured. Moderate to strong oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	GY	FR	OXI	3I		
									PRO	2I		
						MD	OR		OXI	4I		
									POT	2I		
56.00	198.50	142.50	GRD	MG	Trace to weak potassic propyllitic altered granodiorite. Moderately silicified. Small rubbly patches of weak to moderate argillic alteration.							
						MD	GY					
						DK	GN					
						MD	PK					
198.50	201.80	3.30	GRD	MG	Moderately potassic/propyllitic overprinted argillic altered granodiorite with small phyllic/propyllitic envelopes around quartz carbonate veining.							
						LT	GN		PHC	3I		
						MD	PK		PRO	3I		
						LT	WH	EN	ARG	3I		
						DK	GN		POT	3I		
201.80	203.47	1.67	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins.							
						LT	GN		SIL	3I		
						MD	GN		PHC	3I		
203.47	207.80	4.33	QFP	FG	Medium grey/orange quartz feldspar porphyry dyke. Uppder contact is sharp @ 60 TCA and is separated from granodiorite by 2cm of quartz breccia fron granodioirte. Lower contact is sharp and oriented at 70 TCA and is separated from granodiorite by 6 cm of grey quartz breccia.							
						MD	OR					
						MD	GY	PO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
207.80	215.34	7.54	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins.							
						LT	GN		SIL	3I		
						MD	GN		PHC	3I		
215.34	217.49	2.15	QFP	FG	Dark red/tan, grey/green and grey quartz feldspar porphyry dyke. Upper and lower contacts are gouge altered, no angle.							
						MD	TN					
						DK	RD	PO				
						MD	GY					
						MD	GN					
217.49	222.00	4.51	GRD	MG	Moderately silicified and phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration, and silicified potassic/propyllitic altered granodiorite.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						MD	GY		PHC	3I		
						DK	GN		PRO	3I		
						LT	GN	PA	SIL	3I		
222.00	222.55	0.55	BXA	--	Strongly silicified/phyllic altered granodiorite brecciated by grey to smokey quartz and cream ankerite veining. Quartz hosts disseminated to blebby pyrite and disseminated arsenopyrite and jamesonite. Granodiorite hosts disseminated pyrite. First ~20cm are gouge altered and rubbly.							
											Jm	2
								RB	SIL	4I	Py	5
									PHC	4I	As	2
222.55	224.64	2.09	GRD	MG	Moderately silicified phyllic altered granodiorite hosting an abundance of carbonate veining.							
									SIL	3I		
						LT	GN		PHC	3I		
224.64	229.72	5.08	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted argillic alteration and weak to moderately phyllic envelopes around quartz/carbonate veins.							
						LT	WH	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK	EN	ARG	3I		
						DK	GN		POT	3I		
						LT	GN		PRO	3I		
									PHC	3I		
									PHC	2I		
229.72	242.93	13.21	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite. Sporadic small patches of rubbly weak argillic alteration							
						MD	GY	PA	POT	2I		
						MD	GN		PRO	2I		
									ARG	2I		
									ARG	3I		

KL-14-191

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.86	2.86	0	0	0.00	0	--	--	--	
2.86	5.18	2.32	1.94	84	0.33	14	--	3H	3W	
5.18	8.23	3.05	2.42	79	1.62	53	--	3H	3W	
8.23	11.28	3.05	2.72	89	1.97	65	--	3H	3W	
11.28	14.33	3.05	2.44	80	0.70	23	--	4H	2W	
14.33	17.37	3.04	2.75	90	1.93	63	--	3H	3W	
17.37	20.42	3.05	2.45	80	1.63	53	--	3H	3W	
20.42	23.47	3.05	2.47	81	1.01	33	--	4H	2W	
23.47	26.52	3.05	2.48	81	1.18	39	--	4H	2W	
26.52	29.57	3.05	2.35	77	0.96	31	--	4H	2W	
29.57	32.61	3.04	3.04	100	1.64	54	--	4H	2W	
32.61	35.66	3.05	3.05	100	1.46	48	--	4H	4W	
35.66	38.71	3.05	2.82	92	1.31	43	--	2H	2W	
38.71	41.76	3.05	2.96	97	2.49	82	--	4H	2W	
41.76	44.81	3.05	2.81	92	1.68	55	--	4H	2W	
44.81	47.85	3.04	2.89	95	1.00	33	--	3H	3W	
47.85	50.90	3.05	3.03	99	2.04	67	--	4H	2W	
50.90	53.95	3.05	3	98	2.40	79	--	4H	2W	
53.95	57.00	3.05	2.91	95	1.56	51	--	4H	1W	
57.00	60.05	3.05	2.97	97	1.89	62	--	4H	1W	
60.05	63.09	3.04	2.95	97	1.85	61	--	4H	1W	
63.09	66.14	3.05	2.84	93	0.58	19	--	4H	1W	
66.14	69.19	3.05	2.76	90	0.92	30	--	4H	1W	
69.19	72.24	3.05	2.8	92	0.83	27	--	4H	1W	
72.24	75.29	3.05	3.02	99	0.75	25	--	4H	1W	
75.29	78.33	3.04	2.86	94	1.61	53	--	4H	1W	
78.33	81.38	3.05	2.67	88	0.00	0	--	2H	1W	
81.38	84.43	3.05	3.05	100	1.50	49	--	2H	1W	
84.43	87.48	3.05	2.89	95	0.93	30	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.9	95	0.96	31	--	3H	1W	
90.53	93.57	3.04	0.82	27	0.15	5	--	3H	1W	
93.57	96.62	3.05	3.05	100	1.63	53	--	3H	1W	
96.62	99.67	3.05	3.05	100	1.36	45	--	3H	1W	
99.67	102.72	3.05	2.93	96	1.49	49	--	3H	1W	
102.72	105.77	3.05	3.04	100	1.40	46	--	3H	1W	
105.77	108.81	3.04	3.04	100	0.63	21	--	4H	1W	
108.81	111.86	3.05	3.04	100	0.78	26	--	4H	1W	
111.86	114.91	3.05	3.05	100	1.50	49	--	4H	1W	
114.91	117.96	3.05	2.98	98	0.18	6	--	2H	1W	
117.96	121.01	3.05	2.95	97	1.47	48	--	2H	1W	
121.01	124.05	3.04	2.87	94	1.80	59	--	3H	1W	
124.05	127.10	3.05	2.9	95	1.23	40	--	3H	1W	
127.10	130.15	3.05	2.83	93	2.79	91	--	2H	1W	
130.15	133.20	3.05	3.05	100	2.50	82	--	3H	1W	
133.20	136.25	3.05	3.03	99	2.16	71	--	3H	1W	
136.25	139.29	3.04	2.98	98	2.60	86	--	3H	1W	
139.29	142.34	3.05	3.05	100	2.78	91	--	3H	1W	
142.34	145.39	3.05	3.01	99	2.69	88	--	3H	1W	
145.39	148.44	3.05	3.05	100	2.28	75	--	4H	1W	
148.44	151.49	3.05	3.05	100	2.79	91	--	4H	1W	
151.49	154.53	3.04	2.73	90	2.15	71	--	4H	1W	
154.53	157.58	3.05	3.05	100	1.58	52	--	4H	1W	
157.58	160.63	3.05	2.99	98	2.63	86	--	4H	1W	
160.63	163.68	3.05	3.05	100	1.58	52	--	4H	1W	
163.68	166.73	3.05	3.05	100	2.69	88	--	4H	1W	
166.73	169.77	3.04	3.04	100	2.13	70	--	4H	1W	
169.77	172.82	3.05	2.98	98	1.01	33	--	4H	1W	
172.82	175.87	3.05	2.98	98	0.93	30	--	4H	1W	
175.87	178.92	3.05	2.94	96	2.54	83	--	3H	1W	
178.92	181.97	3.05	3.05	100	1.49	49	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	2.26	74	--	3H	1W	
185.01	188.06	3.05	2.92	96	1.45	48	--	3H	1W	
188.06	191.11	3.05	3.03	99	2.44	80	--	2H	1W	
191.11	194.16	3.05	3.05	100	1.56	51	--	3H	1W	
194.16	197.21	3.05	3.03	99	1.87	61	--	4H	1W	
197.21	200.25	3.04	3.04	100	2.31	76	--	3H	1W	
200.25	203.30	3.05	3	98	1.98	65	--	3H	1W	
203.30	206.35	3.05	2.92	96	1.33	44	--	3H	1W	
206.35	209.40	3.05	2.89	95	1.95	64	--	3H	1W	
209.40	212.45	3.05	2.8	92	1.26	41	--	3H	1W	
212.45	215.49	3.04	2.83	93	2.03	67	--	3H	1W	
215.49	218.54	3.05	3.01	99	1.18	39	--	2H	1W	
218.54	221.59	3.05	2.98	98	1.68	55	--	3H	1W	
221.59	224.64	3.05	2.83	93	1.77	58	--	2H	1W	
224.64	227.69	3.05	2.99	98	2.01	66	--	2H	1W	
227.69	230.73	3.04	2.88	95	2.29	75	--	3H	1W	
230.73	233.78	3.05	2.85	93	1.05	34	--	4H	1W	
233.78	236.83	3.05	3.05	100	2.41	79	--	4H	1W	
236.83	239.88	3.05	2.34	77	1.17	38	--	3H	1W	
239.88	242.93	3.05	2.73	90	0.98	32	--	3H	1W	EOH

KL-14-191

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	9.85	GRD	
4	16	GRD	
5	0.303	GRD	
6	0.281	GRD	
7	0.333	GRD	
8	1.08	GRD	
9	0.484	GRD	
10	0.613	GRD	
11	16.2	GRD	
12	8.87	GRD	
13	14.3	GRD	
14	1.74	GRD	
15	1.79	GRD	
16	0.283	GRD	
17	0.373	GRD	
18	0.369	GRD	
19	0.27	GRD	
20	0.362	GRD	
21	11.7	GRD	
22	13.8	GRD	
23	0.704	GRD	
24	2.87	GRD	
25	11.4	GRD	
26	4.76	GRD	
27	1.12	GRD	
28	2.12	GRD	
29	0.368	GRD	
30	0.29	GRD	
31	0.559	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	0.5	GRD	
33	15.9	GRD	
34	0.85	GRD	
35	0.513	GRD	
36	0.323	GRD	
37	0.633	GRD	
38	1.31	GRD	
39	19.5	GRD	
40	4.26	GRD	
41	15.7	GRD	
42	10.5	GRD	
43	17.6	GRD	
44	17.5	GRD	
45	1.69	GRD	
46	0.372	GRD	
47	13.3	GRD	
48	8.16	GRD	
49	19.2	GRD	
50	18.8	GRD	
51	17.6	GRD	
52	15.9	GRD	
53	18.5	GRD	
54	14.1	GRD	
55	14.8	GRD	
56	15	GRD	
56	15	GRD	
57	18.2	GRD	
58	12.5	GRD	
59	13.6	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	20.1	GRD	
61	0.484	GRD	
62	20.3	GRD	
63	18.1	GRD	
64	17.4	GRD	
65	14	GRD	
66	18.6	GRD	
67	12.4	GRD	
68	14.4	GRD	
69	7.37	GRD	
70	20.3	GRD	
71	17.5	GRD	
72	16.4	GRD	
73	15.3	GRD	
74	14.8	GRD	
75	18	GRD	
76	21.3	GRD	
77	13.4	GRD	
78	3.67	GRD	
80	0.207	GRD	
82	0.538	GRD	
83	0.324	GRD	
84	0.864	GRD	
85	0.259	GRD	
86	0.621	GRD	
87	9.76	GRD	
88	0.314	GRD	
89	11.5	GRD	
90	1.68	GRD	
91	2.1	GRD	
92	0.364	GRD	
93	0.28	GRD	
94	15.1	GRD	
95	0.456	GRD	
96	5.08	GRD	
97	0.415	GRD	
98	0.49	GRD	
99	0.361	GRD	
100	0.465	GRD	
101	0.737	GRD	
102	0.702	GRD	
103	0.938	GRD	
104	12.2	GRD	
105	0.514	GRD	
106	2.32	GRD	
107	13.8	GRD	
108	18.1	GRD	
109	14.6	GRD	
110	16.3	GRD	
111	0.485	GRD	
112	15.4	GRD	
113	11.2	GRD	
114	17.8	GRD	
115	16.9	GRD	
116	11.4	GRD	
117	14.3	GRD	
118	3.15	GRD	
119	2.02	GRD	
120	18.4	GRD	
121	17.5	GRD	
122	18.9	GRD	
123	16	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	13.4	GRD	
125	0.385	GRD	
126	0.396	GRD	
127	0.441	GRD	
128	0.356	GRD	
129	0.339	GRD	
130	0.465	GRD	
131	0.688	GRD	
132	3.46	GRD	
133	0.594	GRD	
134	9.67	GRD	
135	11	GRD	
136	0.411	GRD	
137	0.39	GRD	
138	0.502	GRD	
139	0.527	GRD	
140	0.41	GRD	
141	0.366	GRD	
142	11	GRD	
143	13.3	GRD	
144	1.12	GRD	
145	4.16	GRD	
146	16.3	GRD	
147	11.9	GRD	
148	12.9	GRD	
149	1.1	GRD	
150	13	GRD	
151	17.7	GRD	
152	0.979	GRD	
153	0.723	GRD	
154	13.5	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
155	2.18	GRD	
156	1.99	GRD	
157	12.2	GRD	
158	17	GRD	
159	15.9	GRD	
160	10.8	GRD	
161	0.357	GRD	
162	8.18	GRD	
163	1.25	GRD	
164	2.08	GRD	
165	2.42	GRD	
166	0.315	GRD	
167	1.74	GRD	
168	9.4	GRD	
169	2.7	GRD	
170	3.62	GRD	
171	0.44	GRD	
172	0.581	GRD	
173	4.03	GRD	
174	6.19	GRD	
175	18	GRD	
176	6.36	GRD	
177	9.47	GRD	
178	0.672	GRD	
179	0.456	GRD	
180	0.73	GRD	
181	0.786	GRD	
182	0.409	GRD	
183	0.399	GRD	
184	0.402	GRD	
185	0.252	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	0.491	GRD	
187	0.365	GRD	
188	0.682	GRD	
189	0.47	GRD	
190	0.727	GRD	
191	0.252	GRD	
192	0.913	GRD	
193	2.12	GRD	
194	8.86	GRD	
195	15.5	GRD	
196	2.57	GRD	
197	10.7	GRD	
198	8.16	GRD	
199	0.208	GRD	
200	0.774	GRD	
201	0.448	GRD	
202	0.331	GRD	
203	0.345	GRD	
204	0.326	QFP	
205	0.308	QFP	
206	0.217	QFP	
207	0.226	QFP	
208	0.239	GRD	
209	0.184	GRD	
210	0.34	GRD	
211	0.438	GRD	
212	0.404	GRD	
213	0.564	GRD	
214	0.427	GRD	
215	0.36	GRD	
216	0.214	QFP	

Depth (m)	Magnetic Susceptibility	Unit	Comments
217	0.226	QFP	
218	0.419	GRD	
219	0.603	GRD	
220	0.388	GRD	
221	0.49	GRD	
222	0.236	GRD	
222	0.236	BXA	
223	0.413	GRD	
224	0.301	GRD	
225	1.85	GRD	
226	0.567	GRD	
227	0.426	GRD	
228	0.978	GRD	
229	0.506	GRD	
230	4.75	GRD	
231	7.2	GRD	
232	7.8	GRD	
233	19.6	GRD	
234	0.585	GRD	
235	17.9	GRD	
236	0.742	GRD	
237	0.642	GRD	
238	1.33	GRD	
239	1.18	GRD	
240	2.54	GRD	
241	5.2	GRD	
242	0.394	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381744	6889920	1310.17	276.45

ZONE: Western BRX

SECTION:

HOLE: KL-14-192

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 30 - Aug 01, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	34.39	-50	Calculated
276.45	39.5	-50.6	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.38	3.38	CAS
3.38	93	89.62	GRD
93	228.17	135.17	GRD
228.17	230.34	2.17	GRD
230.34	231.17	0.83	VEN
231.17	232.17	1	GRD
232.17	233.47	1.3	GRD
233.47	234.24	0.77	GRD
234.24	235.09	0.85	BXA
235.09	241.73	6.64	QFP
241.73	242.47	0.74	BXA
242.47	242.95	0.48	GRD
242.95	244.23	1.28	QFP
244.23	246.65	2.42	GRD
246.65	246.95	0.3	BXA
246.95	247.31	0.36	QFP

SAMPLES	
Numbers:	Q926440 to Q926518, Q927810 to Q927820
Total:	104
Batch:	115, 117, 119, 120
Certificates:	WH14117463, WH14118402, WH14118404, WH14118405

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

247.31	264.7	17.39	GRD
264.7	276.45	11.75	GRD

Box Log

KL-14-192

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.38	5.95
2	5.95	9.05
3	9.05	12.23
4	12.23	15.31
5	15.31	18.5
6	18.5	21.67
7	21.67	24.51
8	24.51	27.67
9	27.67	30.64
10	30.64	33.88
11	33.88	36.64
12	36.64	39.45
13	39.45	42.45
14	42.45	45.63
15	45.63	48.51
16	48.51	51.13
17	51.13	53.6
18	53.6	56.86
19	56.86	60.05
20	60.05	63.3
21	63.3	66.31
22	66.31	69.26
23	69.26	72.24
24	72.24	75
25	75	78.04
26	78.04	80.92
27	80.92	83.83
28	83.83	86.26
29	86.26	89.49
30	89.49	92.38
31	92.38	95.22
32	95.22	97.69
33	97.69	100.82
34	100.82	103.69
35	103.69	106.47
36	106.47	109.25
37	109.25	112.24
38	112.24	115.22
39	115.22	118.46
40	118.46	121.31
41	121.31	124.31
42	124.31	127.34
43	127.34	130.5
44	130.5	133.52
45	133.52	136.52
46	136.52	139.69
47	139.69	142.84
48	142.84	146.09
49	146.09	149.05
50	149.05	152.26
51	152.26	155.39
52	155.39	158.5
53	158.5	161.35
54	161.35	164.34
55	164.34	166.93
56	166.93	170.09
57	170.09	173.4
58	173.4	176.3
59	176.3	179.18
60	179.18	182.48
61	182.48	185.72
62	185.72	189.04
63	189.04	192.43
64	192.43	195.62
65	195.62	198.85
66	198.85	201.66
67	201.66	204.49
68	204.49	207.43
69	207.43	210.67
70	210.67	213.74
71	213.74	216.71
72	216.71	219.91
73	219.91	222.97
74	222.97	226.11
75	226.11	229.22
76	229.22	232.7
77	232.7	235.22
78	235.22	238.02
79	238.02	241.09
80	241.09	244.25
81	244.25	247.45
82	247.45	250.71
83	250.71	254.02
84	254.02	257.26
85	257.26	260.53
86	260.53	263.62
87	263.62	266.69
88	266.69	269.91
89	269.91	273.03
90	273.03	276.45

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-192									
	29.67	8.7	HQ	GRD	707.1	425.4	2.78	2.5	Strong phyllic altered granodiorite with moderate silicification and moderate pervasive oxidation hosting disseminated goethite. Cut by strongly oxidized 2 centimeter quartz-carbonate-limonite vein with blebby goethite.
	82.6	15.5	HQ	GRD	1307.6	870.3	2.89	3.0	Weak argillic altered granodiorite with moderate phyllic and weak propalytic overprint and moderate silicification. Cut by carbonate and chlorite stringers.
	92.32	5.2	HQ	GRD	443	278.1	2.92	2.7	Moderate phyllic altered granodiorite with weak gouge alteread and strong silicification.
	102.92	11.2	HQ	GRD	919	569.5	2.81	2.6	Strong propalytic altered granodiorite with moderate chloritization.
	121.74	20.7	HQ	GRD	1814.2	1152.6	3	2.7	Moderate to strong phylliuc altered granodiorite with weak propalytic overprint and moderate silicification. Cut by quartz-calcite-ankerite vein with bladed textures and disseminated pyrite.
	143.97	8.5	HQ	GRD	880.1	600.9	3.54	3.2	Ankerite vein with vermicular calcite textures and quartz rim hosting blebby pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	158.15	11.7	HQ	GRD	998.3	638.6	2.92	2.8	Moderate phyllic altered granodiorite with moderate propalytic overprint and strong silicification. Hosting 1.3 centimeter centimeter quartz calcite vein with blebby sphalerite and pyrite.
	203.75	7.75	HQ	GRD	613.9	384.9	2.71	2.7	Moderate phyllic altered granodiorite with moderate silicification. 1 mm ankerite veinlet.
	225.66	9	HQ	GRD	765.1	472.2	2.91	2.6	Weak phyllic altered granodiorite with moderate argillic overprint, weak chloritization, weak hematization and weak silicification. Cut by hematite and chlorite stringers.
	230.73	9.01	HQ	VEN	774.5	539.4	2.94	3.3	Quartz vein hosting blebby to semi-massive pyrite, galena, sphalerite, jamesonite and possible local arsenopyrite.
	231.12	7.8	HQ	VEN	743.5	507.7	3.26	3.2	Smoky quartz vein with 2 centimeter of strongly phyllic altered granodiorite. Vein hosting wispy pyrite bands with local disseminated arsenopyrite.
	232.73	10.8	HQ	GRD	942.4	615.5	2.99	2.9	Heavily phyllic altered granodiorite breccia with quartz veinlets throughout hosting disseminated to blebby pyrite. Breccia matrix light grey smoky quartz.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	234.8	15.1	HQ	BXA	1346.3	876.8	3.05	2.9	Silicified breccia. Clasts phyllic altered granodiorite and quartz blebbs. Disseminated and blebby pyrite throughout.
	241.9	15.2	HQ	BXA	1256.9	868.9	2.83	3.2	Silicified breccia. Clasts granodiorite and quartz hosting pyrite, galena and sphalerite with disseminated pyrite throughout. Local hematization.
	241.9	15.2	HQ	BXA	1256.9	868.9	2.83	3.2	Silicified breccia. Clasts are granodiorite and quartz hosting pyrite, galena and sphalerite with disseminated pyrite throughout. Local hemitite.
	246.69	15.1	HQ	BXA	1256.8	844.5	2.85	3.1	Dark grey contact breccia. Altered granodiorite and quartz clasts throughout. Pyrite clasts and disseminated pyrite.
	246.69	15.1	HQ	BXA	1256.8	844.5	2.85	3.1	Dark grey contact breccia. Altered granodiorite and quartz clasts throughout. Py clasts and disseminated pyrite.
	263.33	22.3	HQ	GRD	2075.2	1641	3.18	4.8	Quartz-ankerite vein hosting blebby to disseminated sulphides. Pyrite with trace arsenopyrite. Vein banded. Phyllic granodiorite surrounding vein (vein is 21cm long)

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	263.33	22.3	HQ	GRD	2075.2	1641	3.18	4.8	Quartz-ankerite vein hosting blebby to disseminated sulphides. Banded Pyrite with trace arsenopyrite vein. Phyllic granodiorite surrounding the vein. (vein is 21 centimeters in length.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.38	17.95	14.57	GRD	MG	Medium grey granodiorite, moderate to strong oxidation along fracture surfaces. Sporadic silicified phyllic envelopes around quartz +/- carbonate veins. Phyllic alteration is pervasively oxidized. Oxidation obscures to obliterates rock textures. Oxidation intensity decreases with depth.							
						MD	GY	FR	OXI	3I		
						MD	OR		OXI	4I		
									PHC	3I		
17.95	18.24	0.29	GRD	MG	Pervasive strongly oxidized silicified phyllic envelope around a orange gouge vein. Oxidation obliterates rock textures.							
						MD	OR	EN	SIL	3I		
						MD	GN		OXI	4I		
									PHC	3I		
18.24	26.34	8.10	GRD	MG	Medium grey granodiorite, moderate to strong oxidation along fracture surfaces. Sporadic silicified phyllic envelopes around quartz +/- carbonate veins. Phyllic alteration is pervasively oxidized. Oxidation obscures to obliterates rock textures. Oxidation intensity decreases with depth.							
						MD	GY	FR	OXI	3I		
						MD	OR		OXI	4I		
									PHC	3I		
26.34	26.68	0.34	GRD	MG	Pervasive strongly oxidized silicified phyllic envelope around a quartz/carbonate vein. Oxidation obliterates rock textures.							
						MD	OR	EN	SIL	3I		
						MD	GN		OXI	4I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
26.68	29.33	2.65	GRD	MG	Medium grey granodiorite, moderate to strong oxidation along fracture surfaces. Sporadic silicified phyllic envelopes around quartz +/- carbonate veins. Phyllic alteration is pervasively oxidized. Oxidation obscures to obliterates rock textures. Oxidation intensity decreases with depth.							
						MD	GY	FR	OXI	3I		
						MD	OR		OXI	4I		
									PHC	3I		
29.33	30.15	0.82	GRD	MG	Pervasive strongly oxidized silicified phyllic envelope around a quartz/carbonate vein. Oxidation obliterates rock textures.							
						MD	OR	EN	SIL	3I		
						MD	GN		OXI	4I		
									PHC	3I		
30.15	50.15	20.00	GRD	MG	Medium grey granodiorite, moderate to strong oxidation along fracture surfaces. Sporadic silicified phyllic envelopes around quartz +/- carbonate veins. Phyllic alteration is pervasively oxidized. Oxidation obscures to obliterates rock textures. Oxidation intensity decreases with depth.							
						MD	GY	FR	OXI	3I		
						MD	OR		OXI	4I		
									PHC	3I		
50.15	53.20	3.05	GRD	MG	Rubbly fractured granodiorite with less competent rubbly patches of moderate argillic alteration. Oxidation along fracture surfaces, and oxidation is pervasive in argillic alteration.							
						MD	GY	RB	OXI	3I		
						MD	OR	PA	ARG	3I		
						LT	WH					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
53.20	65.27	12.07	GRD	MG	Medium grey granodiorite, moderate to strong oxidation along fracture surfaces. Sporadic silicified phyllic envelopes around quartz +/- carbonate veins. Phyllic alteration is pervasively oxidized. Oxidation obscures to obliterates rock textures. Oxidation intensity decreases with depth.							
						MD	GY	FR	OXI	3I		
						MD	OR		OXI	4I		
									PHC	3I		
65.27	66.84	1.57	GRD	MG	Alternating moderate phyllic/propyllitic alteration and potassic/propyllitic argillic alteration. Phyllic/propyllitic alteration hosts carbonate veining. Oxidation along fracture surfaces.							
						MD	GN					
						LT	PK					
						LT	WH					
						LT	GN					
66.84	70.23	3.39	GRD	MG	Medium grey granodiorite, moderate to strong oxidation along fracture surfaces. Sporadic silicified phyllic envelopes around quartz +/- carbonate veins. Phyllic alteration is pervasively oxidized. Oxidation obscures to obliterates rock textures. Oxidation intensity decreases with depth.							
						MD	GY	FR	OXI	3I		
						MD	OR		OXI	4I		
									PHC	3I		
70.23	75.80	5.57	GRD	MG	Rubbly fractured granodiorite with less competent rubbly patches of moderate argillic alteration. Oxidation along fracture surfaces, and oxidation is pervasive in argillic alteration.							
						MD	OR	RB	ARG	3I		
						MD	GY	PA	OXI	3I		
						LT	WH					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
75.80	92.93	17.13	GRD	MG	Alternating patches of moderate potassic/propyllitic overprinted alteration and potassic/propyllitic/phyllic alteration and weak to potassic/propyllitic alteration. Sporadic carbonate veinlets.							
						MD	PK		POT	3I		
						LT	WH	PA	ARG	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
92.93	93.00	0.07	GRD	MG	Medium grey granodiorite, moderate to strong oxidation along fracture surfaces. Sporadic silicified phyllic envelopes around quartz +/- carbonate veins. Phyllic alteration is pervasively oxidized. Oxidation obscures to obliterates rock textures. Oxidation intensity decreases with depth.							
						MD	GY	FR	OXI	3I		
						MD	OR		OXI	4I		
									PHC	3I		
93.00	95.29	2.29	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicifed.							
						MD	PK		PRO	2I		
						MD	GY		POT	2I		
						DK	GN		SIL	3I		
95.29	96.03	0.74	GRD	MG	Moderate phyllic/propyllitic envelope hosting two carbonate veinlets.							
						LT	GN	EN	PHC	3I		
						DK	GN		PRO	3I		
96.03	109.25	13.22	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicifed.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
109.25	110.15	0.90	GRD	MG	Moderate phyllic/propyllitic envelope hosting three carbonate veinlets.							
						LT	GN	EN	PHC	3I		
						DK	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
110.15	121.78	11.63	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicifed.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
121.78	123.80	2.02	GRD	MG	Alternating patches of moderate potassic/propyllitic alteration and moderate potassic/propyllitic overprinted argillic altered granodiorite. Multiple phyllic envelopes around quartz/carbonate veining.							
						MD	PK	PA	POT	3I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN	EN	PRO	3I		
123.80	129.57	5.77	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicifed.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
129.57	133.96	4.39	GRD	MG	Moderately silicified phyllic alteration with patchy moderate potassic/propyllitic alteration. Phyllic alteration hosts multiple quartz carbonate veins.							
						MD	PK		PRO	3I		
						LT	GN	PA	PHC	3I		
						DK	GN		POT	3I		
									SIL	3I		
133.96	138.37	4.41	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicifed.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
138.37	141.57	3.20	GRD	MG	Moderately phyllic and patchy moderate propyllitic altered granodiorite. Hosting multiple quartz/carbonate veins.							
						MD	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	PHC	3I		
						DK	GN					
141.57	144.66	3.09	GRD	MG	Moderately silicified phyllic/propyllitic envelope around a quartz/ankerite/pyrite vein. Phyllic. Propyllitic alteration transitions to potassic overprinted argillic alteration distally from vein.							
						MD	PK		ARG	3I		
						LT	GN	EN	PHC	3I		
						LT	WH		POT	3I		
						DK	GN		SIL	3I		
144.66	146.85	2.19	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicifed.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
146.85	147.82	0.97	GRD	MG	Moderately silicified phyllic/propyllitic altered granodiorite with weak hematization at the end of the alteration.							
						LT	GN		SIL	3I		
						LT	PK		PHC	3I		
						DK	RD		POT	3I		
									HEM	2I		
147.82	153.93	6.11	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicifed.							
						MD	PK		PRO	2I		
						MD	GY		POT	2I		
						DK	GN		SIL	3I		
153.93	157.00	3.07	GRD	MG	Weak potassic/propyllitic overprinted argillic alteration with moderately silicified phyllic envelopes around quartz/carbonate/sulphide veins and veinlets.							
						MD	PK		ARG	3I		
						LT	WH	EN	POT	2I		
						LT	GN		SIL	3I		
						DK	GN		PRO	2I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
157.00	158.12	1.12	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicifed.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
158.12	161.42	3.30	GRD	MG	Weak potassic/propyllitic overprinted argillic alteration with moderately silicified phyllic envelopes around quartz/carbonate/sulphide veins and veinlets.							
						MD	PK		ARG	3I		
						LT	WH	EN	POT	2I		
						LT	GN		SIL	3I		
						DK	GN		PRO	2I		
									PHC	3I		
161.42	166.73	5.31	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patchy argillic alteration.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						LT	WH	RB	ARG	3I		
						DK	GN		SIL	3I		
166.73	174.67	7.94	GRD	MG	Weak potassic/propyllitic overprinted argillic alteration with moderately silicified phyllic envelopes around quartz/carbonate/sulphide veins and veinlets.							
						MD	PK		ARG	3I		
						LT	WH	EN	POT	2I		
						LT	GN		SIL	3I		
						DK	GN		PRO	2I		
									PHC	3I		
174.67	183.41	8.74	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
183.41	184.43	1.02	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins.							
						LT	GN		SIL	3I		
									PHC	3I		
184.43	198.71	14.28	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of potassic overprinted argillic alteration.							
						MD	GY	PA	ARG	3I		
						MD	PK		POT	2I		
						LT	WH		SIL	3I		
						DK	GN		PRO	2I		
198.71	200.67	1.96	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy propyllitic alteration. Hosts multiple quartz/carbonate veinlets.							
						LT	GN	PA	SIL	3I		
						DK	GN		PRO	3I		
									PHC	3I		
200.67	202.67	2.00	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of potassic overprinted argillic alteration.							
						MD	GY	PA	ARG	3I		
						MD	PK		POT	2I		
						LT	WH		SIL	3I		
						DK	GN		PRO	2I		
202.67	204.94	2.27	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy propyllitic alteration. Hosts multiple quartz/carbonate veinlets.							
						LT	GN	PA	SIL	3I		
						DK	GN		PRO	3I		
									PHC	3I		
204.94	225.41	20.47	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		PRO	2I		
						MD	GY		POT	2I		
						DK	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
225.41	227.15	1.74	GRD	MG	Patchy silicified propyllitic and potassic/propyllitic overprinted argillic alteration. Hosts quartz/carbonate/hematite veins.							
						MD	PK		PRO	3I		
						LT	WH		POT	2I		
						DK	GN	PA	SIL	3I		
						DK	RD		PRO	2I		
									ARG	3I		
227.15	228.17	1.02	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
228.17	230.34	2.17	GRD	MG	Alternating patches of propyllitic/potassic overprinted argillic alteration, potassic/propyllitic alteration and moderately silicified phyllic envelopes around quartz carbonate veining.							
						MD	PK	EN	PHC	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		POT	2I		
						DK	GN		POT	3I		
									PRO	3I		
									PRO	2I		
									ARG	3I		
230.34	231.17	0.83	VEN	--	Grey quartz vein hosting blebby to semi-massive pyrite, disseminated to blebby galena, sphalerite and disseminated arsenopyrite and jamesonite. Hosts blebby tan ankerite. Quartz hosts and abundance of small vuggs.							
								VU			Py	50
											Gn	2
											Sp	6
											As	1
											Jm	1
231.17	232.17	1.00	GRD	MG	Moderately silicified strongly phyllic altered granodiorite hosting an abundance of quartz/pyrite veins veinlets and stringers and disseminated pyrite.							
						LT	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	4I		
232.17	233.47	1.30	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate/sulphide veins and breccias.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
233.47	234.24	0.77	GRD	MG	Moderately silicified strongly phyllic altered granodiorite hosting an abundance of quartz/pyrite veins, veinlets and and disseminated pyrite.							
						LT	GN		SIL	3I		
						LT	WH		PHC	4I		
234.24	235.09	0.85	BXA	--	Strongly silicified smokey quartz breccia with grey quartz and strong phyllic granodiorite clasts. Hosts disseminated to blebby pyrite, galena, sphalerite and arsenopyrite.							
								BX			Py	3
											Sp	1
											Gn	1
											As	1
235.09	235.41	0.32	QFP	FG	Gouge altered orange grey quartz feldspar porphyry dyke.							
						MD	GY					
235.41	236.25	0.84	QFP	FG	Medium orange quartz feldspar porphyry dyke.							
						MD	OR	PO				
236.25	236.72	0.47	QFP	FG	Light grey quartz feldspar porphyry dyke with a brecciated medium grey orange and silicified dyke in center.							
						MD	OR	PO	SIL	3I		
						MD	GY					
						LT	GY					
236.72	239.45	2.73	QFP	FG	Moderately silicified medium grey orange quartz feldspar porphyry dyke with an abundance of white carbonate veinlets.							
						MD	GY	PO	SIL	3I		
						MD	OR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
239.45	239.96	0.51	GRD	MG	Silicified moderately phyllic and propyllitic altered granodiorite. Dyke contacts are brecciated and oriented at 55 TCA. Hosts disseminated pyrite.							
						MD	GY		PHC	3I		
						LT	GN		SIL	3I	Py	1
						DK	GN		PRO	3I		
239.96	241.73	1.77	GRD	FG	Moderately silicified medium grey orange quartz feldspar porphyry dyke with an abundance of white carbonate veinlets.							
						MD	GY		SIL	3I		
						MD	OR					
241.73	242.47	0.74	BXA	--	Silicified black breccia. Phyllic granodiorite, quartz feldspar porphyry dyke and quartz vein clasts. Quartz clasts hosts disseminated to blebby pyrite, sphalerite and galena. Silicified matrix hosts disseminated to blebby pyrite.							
								BX			Py	3
											Sp	1
											Gn	1
242.47	242.95	0.48	GRD	MG	Moderately silicified moderate to strong phyllic altered granodiorite hosting disseminated pyrite and multiple quartz sulphide veinlets.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I	Py	3
									PHC	4I		
242.95	243.88	0.93	QFP	FG	Light grey green quartz feldspar porphyry dyke.							
						LT	GY	PO				
						LT	GN					
244.06	244.23	0.17	QFP	FG	Light grey green quartz feldspar porphyry dyke.							
						LT	GN	PO				
						LT	GY					
244.23	246.65	2.42	GRD	MG	Moderately silicified phyllic altered granodiorite.							
						LT	GN		SIL	3I		
									PHC	3I		
246.65	246.95	0.30	BXA	--	Black to grey breccia. Quartz feldspar porphyry dyke, quartz hoisting pyrite and phyllic granodiorite clasts.							
								BX			Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
246.95	247.31	0.36	QFP	FG	Medium grey/green quartz feldspar porphyry dyke. Upper contact is gouge altered and oriented @ 60 TCA. Lower contact is brecciated @ 60 TCA.							
						MD	GY	PO				
						MD	GN					
247.31	257.15	9.84	GRD	MG	Silicified weak to moderate potassic/propyllitic altered granodiorite. ~3-5 quartz carbonate veins/veinlets per meter, each with a medium to small phyllic envelope.							
						MD	GY	EN	SIL	3I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
257.15	258.72	1.57	GRD	MG	Moderately silicified/phyllic altered granodiorite with patchy propyllitic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PRO	3I		
258.72	260.70	1.98	GRD	MG	Silicified weak to moderate potassic/propyllitic altered granodiorite. ~3-5 quartz carbonate veins/veinlets per meter, each with a medium to small phyllic envelope.							
						MD	GY	EN	SIL	3I		
						MD	PK		POT	2I		
						MD	GN		PRO	2I		
						LT	GN		PHC	3I		
260.70	262.70	2.00	GRD	MG	Moderate potassic/propyllitic altered granodiorite with patchy weak argillic alteration.							
						MD	PK	PA	POT	3I		
						MD	GY		ARG	2I		
						DK	GN		PRO	3I		
262.70	264.70	2.00	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	EN	SIL	3I		
									PHC	3I		
264.70	266.80	2.10	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
266.80	267.54	0.74	GRD	MG	Moderately silicified phyllic envelop around carbonate +/- quartz veins/veinlets. Has patchy weak propyllitic alteration.							
						MD	GN	PA	PHC	3I		
						LT	GN	EN	SIL	3I		
						DK	GN		PRO	2I		
267.54	269.87	2.33	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
269.87	270.94	1.07	GRD	MG	Moderately silicified phyllic envelop around carbonate +/- quartz veins/veinlets. Has patchy weak propyllitic alteration.							
						MD	GN	PA	PHC	3I		
						LT	GN	EN	SIL	3I		
						DK	GN		PRO	2I		
270.94	272.30	1.36	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
272.30	273.03	0.73	GRD	MG	Moderately silicified phyllic envelop around carbonate +/- quartz veins/veinlets. Has patchy weak propyllitic alteration.							
						MD	GN	PA	PHC	3I		
						LT	GN	EN	SIL	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
273.03	275.65	2.62	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
275.65	276.45	0.80	GRD	MG	Moderately phyllic altered granodiorite with patchy propyllitic alteration.							
						LT	GN	PA	PHC	3I		
						DK	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.38	93.00	89.62	GRD	MG	Medium grey granodiorite, moderate to strong oxidation along fracture surfaces. Sporadic silicified phyllic envelopes around quartz +/- carbonate veins. Phyllic alteration is pervasively oxidized. Oxidation obscures to obliterates rock textures. Oxidation intensity decreases with depth.							
						MD	GY	FR	OXI	3I		
						MD	OR	EN	OXI	4I		
									PHC	3I		
93.00	228.17	135.17	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicifed.							
						MD	PK		POT	2I		
						DK	GN		SIL	3I		
						MD	GY		PRO	2I		
228.17	230.34	2.17	GRD	MG	Alternating patches of propyllitic/potassic overprinted argillic alteration, potassic/propyllitic alteration and moderately silicified phyllic envelopes around quartz carbonate veining.							
						LT	WH		POT	2I		
									ARG	3I		
									PRO	3I		
						DK	GN		POT	3I		
						MD	PK	EN	PHC	3I		
						LT	GN	PA	SIL	3I		
									PRO	2I		
230.34	231.17	0.83	VEN	--	Grey quartz vein hosting blebby to semi-massive pyrite, disseminated to blebby galena, sphalerite and disseminated arsenopyrite and jamesonite. Hosts blebby tan ankerite. Quartz hosts and abundance of small vuggs.							
								VU			Py	50
											Gn	2
											Sp	6
											As	1
											Jm	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
231.17	232.17	1.00	GRD	MG	Moderately silicified strongly phyllic altered granodiorite hosting an abundance of quartz/pyrite veins veinlets and stringers and disseminated pyrite.							
						LT	WH		PHC	4I		
						LT	GN		SIL	3I	Py	3
232.17	233.47	1.30	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate/sulphide veins and breccias.							
						LT	GN		SIL	3I		
						MD	GN		PHC	3I		
233.47	234.24	0.77	GRD	MG	Moderately silicified strongly phyllic altered granodiorite hosting an abundance of quartz/pyrite veins, veinlets and and disseminated pyrite.							
						LT	GN		SIL	3I	Py	3
						LT	WH		PHC	4I		
234.24	235.09	0.85	BXA	MG	Strongly silicified smokey quartz breccia with grey quartz and strong phyllic granodiorite clasts. Hosts disseminated to blebby pyrite, galena, sphalerite and arsenopyrite.							
											Sp	1
											Gn	1
											As	1
								BX			Py	3
235.09	241.73	6.64	QFP	FG	Quartz feldspar porphyry dyke exhibiting a variety of alterations and colors.							
						MD	OR					
						MD	GY					
						MD	GN					
						LT	GY					
241.73	242.47	0.74	BXA	--	Silicified black breccia. Phyllic granodiorite, quartz feldspar porphyry dyke and quartz vein clasts. Quartz clasts hosts disseminated to blebby pyrite, sphalerite and galena. Silicified matrix hosts disseminated to blebby pyrite.							
											Gn	1
								BX			Py	3
											Sp	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
242.95	244.23	1.28	QFP	FG	Light grey green quartz feldspar porphyry dyke.							
								PO				
244.23	246.65	2.42	GRD	MG	Moderately silicified phyllic altered granodiorite.							
									PHC	3I		
						LT	GN		SIL	3I		
246.65	246.95	0.30	BXA	--	Black to grey breccia. Quartz feldspar porphyry dyke, quartz hoisting pyrite and phyllic granodiorite clasts.							
											Py	3
246.95	247.31	0.36	QFP	FG	Medium grey/green quartz feldspar porphyry dyke. Upper contact is gouge altered and oriented @ 60 TCA. Lower contact is brecciated @ 60 TCA.							
						MD	GY	PO				
						MD	GN					
247.31	264.70	17.39	GRD	MG	Silicified weak to moderate potassic/propyllitic altered granodiorite. ~3-5 quartz carbonate veins/veinlets per meter, each with a medium to small phyllic envelope.							
						LT	GN		PHC	3I		
						MD	GY	EN	SIL	3I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
264.70	276.45	11.75	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	PK		POT	2I		
						DK	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.38	3.38	0	0	0.00	0	--	--	--	
3.38	5.18	1.80	1.53	85	0.31	17	--	2H	4W	
5.18	8.23	3.05	2.91	95	1.32	43	--	4H	3W	
8.23	11.28	3.05	3.03	99	2.11	69	--	4H	3W	
11.28	14.33	3.05	2.91	95	1.54	50	--	4H	3W	
14.33	17.37	3.04	3.02	99	2.11	69	--	4H	3W	
17.37	20.42	3.05	2.9	95	0.81	27	--	4H	3W	
20.42	23.47	3.05	3.05	100	1.81	59	--	4H	3W	
23.47	26.52	3.05	3.04	100	2.46	81	--	3H	3W	
26.52	29.57	3.05	3	98	1.82	60	--	4H	3W	
29.57	32.61	3.04	3.04	100	2.31	76	--	3H	2W	
32.61	35.66	3.05	2.96	97	2.30	75	--	4H	2W	
35.66	38.71	3.05	2.83	93	1.46	48	--	4H	3W	
38.71	41.76	3.05	3.04	100	1.32	43	--	4H	2W	
41.76	44.81	3.05	3.03	99	1.99	65	--	4H	2W	
44.81	47.85	3.04	2.84	93	1.28	42	--	4H	3W	
47.85	50.90	3.05	2.89	95	1.21	40	--	3H	3W	
50.90	53.95	3.05	2.73	90	0.48	16	--	2H	3W	
53.95	57.00	3.05	3.05	100	2.06	68	--	4H	2W	
57.00	60.05	3.05	2.94	96	2.47	81	--	4H	2W	
60.05	63.09	3.04	3	99	2.27	75	--	4H	2W	
63.09	66.14	3.05	2.95	97	2.43	80	--	4H	2W	
66.14	69.19	3.05	2.88	94	1.43	47	--	4H	2W	
69.19	72.24	3.05	2.8	92	0.79	26	--	3H	3W	
72.24	75.29	3.05	2.9	95	1.47	48	--	3H	3W	
75.29	78.33	3.04	2.74	90	1.28	42	--	2H	1W	
78.33	81.38	3.05	2.61	86	0.61	20	--	2H	1W	
81.38	84.43	3.05	2.54	83	0.88	29	--	3H	2W	
84.43	87.48	3.05	2.7	89	1.06	35	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.01	99	1.92	63	--	3H	1W	
90.53	93.57	3.04	3.04	100	0.74	24	--	3H	1W	
93.57	96.62	3.05	2.91	95	1.16	38	--	3H	1W	
96.62	99.67	3.05	3.05	100	1.03	34	--	3H	1W	
99.67	102.72	3.05	2.91	95	1.36	45	--	3H	1W	
102.72	105.77	3.05	3.05	100	1.32	43	--	3H	1W	
105.77	108.81	3.04	3.04	100	1.35	44	--	4H	1W	
108.81	111.86	3.05	3	98	2.53	83	--	4H	1W	
111.86	114.91	3.05	3.05	100	1.58	52	--	4H	1W	
114.91	117.96	3.05	2.96	97	2.26	74	--	4H	1W	
117.96	121.01	3.05	3.05	100	1.82	60	--	4H	1W	
121.01	124.05	3.04	3.04	100	2.27	75	--	4H	1W	
124.05	127.10	3.05	2.98	98	1.94	64	--	4H	1W	
127.10	130.15	3.05	3.04	100	2.17	71	--	4H	1W	
130.15	133.20	3.05	2.82	92	1.21	40	--	3H	1W	
133.20	136.24	3.04	3.04	100	1.03	34	--	3H	1W	
136.24	139.29	3.05	3	98	2.42	79	--	4H	1W	
139.29	142.34	3.05	3.05	100	2.41	79	--	3H	1W	
142.34	145.39	3.05	2.99	98	2.96	97	--	3H	1W	
145.39	148.44	3.05	2.97	97	2.25	74	--	3H	1W	
148.44	151.49	3.05	3.01	99	2.26	74	OR	3H	1W	
151.49	154.53	3.04	2.99	98	2.66	88	OR	3H	1W	
154.53	157.58	3.05	2.95	97	1.96	64	OR	3H	1W	
157.58	160.63	3.05	3.04	100	2.38	78	OR	3H	1W	
160.63	163.68	3.05	2.93	96	2.54	83	OR	3H	1W	
163.68	166.73	3.05	2.81	92	0.87	29	OR	2H	1W	
166.73	169.77	3.04	2.99	98	2.02	66	OR	3H	1W	
169.77	172.82	3.05	2.75	90	1.61	53	OR	3H	1W	
172.82	175.87	3.05	3.05	100	2.17	71	OR	3H	1W	
175.87	178.92	3.05	3.05	100	2.01	66	OR	3H	1W	
178.92	181.97	3.05	2.96	97	2.04	67	OR	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.03	100	2.08	68	0R	3H	1W	
185.01	188.06	3.05	2.83	93	2.32	76	0R	3H	1W	
188.06	191.11	3.05	2.9	95	2.14	70	0R	4H	1W	
191.11	194.16	3.05	2.91	95	2.01	66	0R	3H	1W	
194.16	197.21	3.05	3	98	2.48	81	0R	4H	1W	
197.21	200.25	3.04	3	99	2.25	74	0R	3H	1W	
200.25	203.30	3.05	2.93	96	1.63	53	0R	3H	1W	
203.30	206.35	3.05	2.95	97	1.95	64	0R	3H	1W	
206.35	209.40	3.05	3.05	100	2.27	74	0R	4H	1W	
209.40	212.45	3.05	2.94	96	2.29	75	0R	4H	1W	
212.45	215.49	3.04	2.71	89	1.04	34	0R	4H	1W	
215.49	218.54	3.05	2.85	93	2.16	71	0R	4H	1W	
218.54	221.59	3.05	2.87	94	1.66	54	0R	3H	1W	
221.59	224.67	3.08	2.94	95	2.03	66	0R	3H	1W	
224.67	227.69	3.02	2.71	90	1.38	46	0R	2H	1W	
227.69	230.73	3.04	2.82	93	1.96	64	0R	3H	1W	
230.73	233.78	3.05	3	98	2.12	70	0R	3H	1W	
233.78	236.83	3.05	2.8	92	1.03	34	0R	2H	1W	
236.83	239.88	3.05	3.05	100	0.79	26	--	2H	1W	
239.88	242.93	3.05	3	98	1.83	60	0R	3H	1W	
242.93	245.97	3.04	3.04	100	2.17	71	--	2H	1W	
245.97	249.02	3.05	3.01	99	2.74	90	--	3H	1W	
249.02	252.07	3.05	3.05	100	2.91	95	--	4H	1W	
252.07	255.12	3.05	2.96	97	2.75	90	--	4H	1W	
255.12	258.17	3.05	3.05	100	2.73	90	--	4H	1W	
258.17	261.22	3.05	3.05	100	2.88	94	--	4H	1W	
261.22	264.26	3.04	3.04	100	2.51	83	--	4H	1W	
264.26	267.31	3.05	3.05	100	2.80	92	--	4H	1W	
267.31	270.36	3.05	3.05	100	2.65	87	--	4H	1W	
270.36	273.41	3.05	3.05	100	2.30	75	--	3H	1W	
273.41	276.45	3.04	3.04	100	2.81	92	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	0.139	GRD	
5	11.8	GRD	
6	9.59	GRD	
7	12.7	GRD	
8	7.88	GRD	
9	14.6	GRD	
10	14.9	GRD	
11	15.8	GRD	
12	13.7	GRD	
13	12.8	GRD	
14	11.8	GRD	
15	1.64	GRD	
16	14.8	GRD	
17	16.4	GRD	
18	0.445	GRD	
19	16.6	GRD	
20	16.8	GRD	
21	14.8	GRD	
22	14.2	GRD	
23	14.7	GRD	
24	10.1	GRD	
25	4.89	GRD	
26	13	GRD	
27	12	GRD	
28	14.7	GRD	
29	0.787	GRD	
30	0.241	GRD	
31	12.3	GRD	
32	13.1	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	12.9	GRD	
34	18	GRD	
35	13.9	GRD	
36	15.2	GRD	
37	10.7	GRD	
38	1.58	GRD	
39	11.7	GRD	
40	15.3	GRD	
41	10.9	GRD	
42	13.6	GRD	
43	16	GRD	
44	18	GRD	
45	15.3	GRD	
46	14.1	GRD	
47	14	GRD	
48	11.3	GRD	
49	14.9	GRD	
50	0.64	GRD	
51	11.2	GRD	
52	5.18	GRD	
53	8.92	GRD	
54	19.8	GRD	
55	17.5	GRD	
56	17.9	GRD	
57	19	GRD	
58	16.3	GRD	
59	19.4	GRD	
60	17.8	GRD	
61	17.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	17.1	GRD	
63	15.4	GRD	
64	18.4	GRD	
65	11.4	GRD	
66	10.3	GRD	
67	16.8	GRD	
68	20.7	GRD	
69	15.5	GRD	
70	19.7	GRD	
71	3.29	GRD	
72	11.9	GRD	
73	17	GRD	
74	8.14	GRD	
75	0.365	GRD	
76	0.455	GRD	
77	4.04	GRD	
78	2.04	GRD	
79	0.276	GRD	
80	0.388	GRD	
81	0.478	GRD	
82	0.318	GRD	
83	0.477	GRD	
84	0.383	GRD	
85	0.394	GRD	
86	0.963	GRD	
87	0.36	GRD	
88	0.428	GRD	
89	0.315	GRD	
90	0.39	GRD	
91	0.405	GRD	
92	0.165	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
93	1.57	GRD	
93	1.57	GRD	
94	3.15	GRD	
95	15	GRD	
96	0.508	GRD	
97	3.76	GRD	
98	4.83	GRD	
99	12.4	GRD	
100	11.7	GRD	
101	10	GRD	
102	2.15	GRD	
103	0.533	GRD	
104	17.7	GRD	
105	9.97	GRD	
106	12.9	GRD	
107	14.8	GRD	
108	11.1	GRD	
109	0.8	GRD	
110	0.587	GRD	
111	0.608	GRD	
112	11.6	GRD	
113	15.5	GRD	
114	5.13	GRD	
115	19	GRD	
116	14.6	GRD	
117	0.643	GRD	
118	17.9	GRD	
119	16.6	GRD	
120	14.9	GRD	
121	14.9	GRD	
122	0.493	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
123	0.369	GRD	
124	2.69	GRD	
125	16.6	GRD	
126	16.4	GRD	
127	8.32	GRD	
128	15.8	GRD	
129	8.34	GRD	
130	0.51	GRD	
131	0.26	GRD	
132	0.317	GRD	
133	8.47	GRD	
134	9.27	GRD	
135	0.571	GRD	
136	12.6	GRD	
137	16.7	GRD	
138	9.4	GRD	
139	0.571	GRD	
140	0.354	GRD	
141	0.332	GRD	
142	11.8	GRD	
143	6.7	GRD	
144	1.19	GRD	
145	16.5	GRD	
146	6.26	GRD	
147	0.378	GRD	
148	3.45	GRD	
149	0.673	GRD	
150	18.5	GRD	
151	16.7	GRD	
152	0.999	GRD	
153	4.01	GRD	
154	7.8	GRD	
155	0.455	GRD	
156	0.611	GRD	
157	6.97	GRD	
158	11	GRD	
159	0.388	GRD	
160	0.433	GRD	
161	5.73	GRD	
162	16.6	GRD	
163	16.1	GRD	
164	0.491	GRD	
165	6.23	GRD	
166	2.02	GRD	
167	0.927	GRD	
168	0.666	GRD	
169	0.378	GRD	
170	0.904	GRD	
171	0.457	GRD	
172	0.104	GRD	
173	0.363	GRD	
174	0.266	GRD	
175	6.91	GRD	
176	4.25	GRD	
177	18.7	GRD	
178	11	GRD	
179	843	GRD	
180	10.4	GRD	
181	18.4	GRD	
182	20	GRD	
183	0.3	GRD	
184	0.345	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
185	12.7	GRD	
186	17	GRD	
187	0.576	GRD	
188	17.8	GRD	
189	15.9	GRD	
190	13.3	GRD	
191	20.04	GRD	
192	0.948	GRD	
193	15.5	GRD	
194	0.639	GRD	
195	19.1	GRD	
196	20.04	GRD	
197	18.9	GRD	
198	16	GRD	
199	0.608	GRD	
200	0.18	GRD	
201	0.379	GRD	
202	8.48	GRD	
203	0.359	GRD	
204	0.458	GRD	
205	6.72	GRD	
206	13.4	GRD	
207	208	GRD	
208	19.5	GRD	
209	21.8	GRD	
210	21.5	GRD	
211	26.5	GRD	
212	21.1	GRD	
213	18.7	GRD	
214	1.49	GRD	
215	10.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
216	21.1	GRD	
217	19.9	GRD	
218	24	GRD	
219	17.8	GRD	
220	11.6	GRD	
221	6.87	GRD	
222	5.52	GRD	
223	0.714	GRD	
224	17.7	GRD	
225	1.27	GRD	
226	0.468	GRD	
227	2.96	GRD	
228	15.1	GRD	
229	0.754	GRD	
230	7	GRD	
231	0.566	VEN	
232	0.285	GRD	
233	0.402	GRD	
234	0.184	GRD	
235	0.274	BXA	
236	0.396	QFP	
237	0.442	QFP	
238	0.294	QFP	
239	0.253	QFP	
240	0.325	QFP	
241	0.391	QFP	
242	0.401	BXA	
243	0.227	QFP	
244	0.403	QFP	
245	0.275	GRD	
246	0.261	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
247	0.243	QFP	
248	5.15	GRD	
249	0.757	GRD	
250	10.8	GRD	
251	0.26	GRD	
252	0.731	GRD	
253	3.01	GRD	
254	0.503	GRD	
255	4.46	GRD	
256	8.86	GRD	
257	15.7	GRD	
258	0.639	GRD	
259	7.97	GRD	
260	5.86	GRD	
261	0.48	GRD	
262	1.75	GRD	
263	0.339	GRD	
264	0.463	GRD	
265	6.83	GRD	
266	4.91	GRD	
267	0.413	GRD	
268	2.35	GRD	
269	0.805	GRD	
270	0.366	GRD	
271	0.397	GRD	
272	1.06	GRD	
273	1.75	GRD	
274	12.4	GRD	
275	12	GRD	
276	0.547	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382719	6890202	1375.2	358.75

ZONE: Central Klaza

SECTION:

HOLE: KL-14-193

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Jul 30 - Aug 03, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	34.96	-50	Calculated
358.74	35.63	-52.3	Calculated

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.02	2.02	CAS
2.02	3.83	1.81	OVB
3.83	20.32	16.49	GRD
20.32	21.97	1.65	GRD
21.97	38.71	16.74	GRD
38.71	55.15	16.44	GRD
55.15	58.03	2.88	GRD
58.03	63.95	5.92	GRD
63.95	70.72	6.77	GRD
70.72	73.85	3.13	GRD
73.85	78.05	4.2	GRD
78.05	106.95	28.9	GRD
106.95	134.07	27.12	GRD
134.07	137.02	2.95	GRD
137.02	148.28	11.26	GRD
148.28	157.49	9.21	GRD

SAMPLES	
Numbers:	Q016998 to Q017000, q927746 to Q927809, Q927825 to Q927827, Q933001 to Q933090
Total:	175
Batch:	113, 116, 119, 121, 123, 125, 130
Certificates:	WH14115503, WH14115505, WH14115507, WH14118401, WH14118403, WH14118405, WH14120286, WH14127061

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

157.49	158.05	0.56	VEN
158.05	159.64	1.59	GRD
159.64	215.62	55.98	GRD
215.62	222.97	7.35	GRD
222.97	232.86	9.89	GRD
232.86	236.02	3.16	GRD
236.02	245.17	9.15	GRD
245.17	249.84	4.67	QFP
249.84	250.25	0.41	BXA
250.25	251.44	1.19	GRD
251.44	251.8	0.36	QFP
251.8	252.71	0.91	GRD
252.71	253	0.29	BXA
253	261.62	8.62	GRD
261.62	267.95	6.33	QFP
267.95	274.85	6.9	GRD
274.85	282.64	7.79	GRD
282.64	291.31	8.67	GRD
291.31	293.07	1.76	QFP
293.07	302.53	9.46	GRD
302.53	304.86	2.33	QFP
304.86	309.79	4.93	GRD
309.79	314.39	4.6	QFP
314.39	314.61	0.22	QFP
314.61	322.91	8.3	GRD
322.91	328.22	5.31	GRD
328.22	335.05	6.83	GRD
335.05	342.58	7.53	GRD
342.58	348.25	5.67	GRD
348.25	358.75	10.5	GRD

Box Log

KL-14-193

Klaza ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.02	5.18
2	5.18	8.23
3	8.23	11.28
4	11.28	14.39
5	14.39	17.56
6	17.56	20.55
7	20.55	23.78
8	23.78	27
9	27	30.07
10	30.07	33.35
11	33.35	36.45
12	36.45	39.4
13	39.4	42.5
14	42.5	45.58
15	45.58	48.81
16	48.81	51.7
17	51.7	54.94
18	54.94	57.86
19	57.86	60.94
20	60.94	63.95
21	63.95	67.05
22	67.05	70.28
23	70.28	73.18
24	73.18	76.14
25	76.14	79.24
26	79.24	82.82
27	82.82	85.35
28	85.35	88.62
29	88.62	91.76
30	91.76	95.05
31	95.05	97.9
32	97.9	100.83
33	100.83	103.67
34	103.67	106.8
35	106.8	109.68
36	109.68	112.55
37	112.55	115.73
38	115.73	118.87
39	118.87	121.78
40	121.78	124.95
41	124.95	128.18
42	128.18	131.1
43	131.1	134.15
44	134.15	136.88
45	136.88	139.93
46	139.93	142.89
47	142.89	145.88
48	145.88	148.63
49	148.63	151.88
50	151.88	155
51	155	158.05
52	158.05	161.1
53	161.1	164.33
54	164.33	167.22
55	167.22	170.3
56	170.3	173.44
57	173.44	176.4
58	176.4	179.69
59	179.69	182.75
60	182.75	185.95
61	185.95	189.15
62	189.15	192.17
63	192.17	195.27
64	195.27	198.35
65	198.35	201.56
66	201.56	204.28
67	204.28	207.47
68	207.47	210.42
69	210.42	213.64
70	213.64	216.7
71	216.7	219.9
72	219.9	223.03
73	223.03	226.14
74	226.14	229.35
75	229.35	232.53
76	232.53	235.47
77	235.47	238.58
78	238.58	241.76
79	241.76	244.97
80	244.97	248.06
81	248.06	251.34
82	251.34	254.27
83	254.27	257.47
84	257.47	260.48
85	260.48	263.43
86	263.43	266.55
87	266.55	270
88	270	273.26
89	273.26	276.2
90	276.2	279.35

Box Number	From (m)	To (m)
91	279.35	282.3
92	282.3	285.38
93	285.38	288.47
94	288.47	291.78
95	291.78	294.88
96	294.88	298.1
97	298.1	301.21
98	301.21	304.18
99	304.18	307.32
100	307.32	310.23
101	310.23	313.03
102	313.03	315.95
103	315.95	319.13
104	319.13	322.17
105	322.17	326.31
106	326.31	330.49
107	330.49	334.62
108	334.62	338.82
109	338.82	343.14
110	343.14	347.35
111	347.35	351.69
112	351.69	355.7
113	355.7	358.75

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-193									
	47.65	12.2	HQ	GRD	1073.4	688.4	3.01	2.8	Moderate to strong phyllic altered granodiorite with weak propalytic overprint and strong silicification causing obliterated textures. Cut by 2 centimeter smoky quartz-carbonate vein with blebby pyrite and hematite.
	69.91	5.1	HQ	GRD	432.5	273	2.9	2.7	Fine smoky quartz breccia with weak silicification and strong oxidation. Hosting limonite near gouge altered fracture zones and disseminated pyrite.
	75.75		HQ	GRD	1157.1		2.97		Smoky quartz vein hosting blebby pyrite intruding quartz-bladed calcite breccia with dissemianted pyrite and moderate gouge alteration.
	114.25		HQ	GRD	822.2	528.7	2.84	2.8	2 intersecting veins in strong phyllic altered granodiorite with moderate silicification and disseminate pyrite. 1st: 2.3 centimeter clear quartz vein hosting blebby pyrite. 2nd: 3.8 centimeter banded calcite (1.5 cm), strongly silicified smoky quartz vein/breccia (2.3 cm) with blebby pyrite, sphalerite and ankerite plus disseminated galena.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	115.86	13.2	HQ	GRD	1235.8	802.3	3.2	2.9	7.5 centimeter smoky, clear quartz vein with minor fine grained smoky quartz breccia textures. Hosting blebby ankerite, pyrite, calcite, sphalerite (honey brown and blackjack) and calcite veinlets. Vein in strong phyllic altered granodiorite with moderate silicification hosting disseminated pyrite.
	157.58	9	HQ	VEN	869.6	591.3	3.31	3.1	Intensely silicified strong phyllic altered granodiorite with disseminated pyrite with mineralized branched smoky veins with intermixed semi-massive pyrite, blebby sphalerite (honey brown and blackjack), pyrite, ankerite and disseminated galena, pyrite, arsenopyrite and bladed calcite.
	157.99	14.9	HQ	VEN	1549.6	1040.3	3.56	3.0	Smoky, clear quartz vein with 1.5 centimeter ankerite band. Quartz vein hosting blebby pyrite, arsenopyrite and sphalerite (honey brown). Vein in strong phyllic altered granodiorite with strong silicification and disseminated pyrite and disseminated tetrahedrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	180.5	18	HQ	GRD	1524.6	1024.3	2.9	3.1	Smoky quartz breccia with clasts of well-mineralized quartz vein clasts semi-massive pyrite. Calcite upper selvedge weakly brecciates smoky quartz cement.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.02	3.83	1.81	OVB	MG	Strongly oxidized overburden and re-drill.							
						MD	BN	RB	OXI	5I		
3.83	10.43	6.60	GRD	MG	Weak pervasive propylitic and silicified granodiorite with patchy potassic alteration. Oxidation on fractures.							
						MD	GY	FR	OXI	2I		
						MD	BN		SIL	2I		
						MD	GN		PRO	2I		
									POT	1I		
10.43	11.78	1.35	GRD	MG	Phyllic-argillic vein halo with pervasive oxidation. Vein is grey-smoky quartz, and what may have been sulphides are now oxidized.							
						MD	BN		OXI	3I		
									PHC	3I		
									ARG	2I		
11.78	20.32	8.54	GRD	MG	Weak pervasive propylitic and silicified granodiorite with patchy potassic and vein-associated phyllic-argillic. Oxidation on fractures, and pervasive through argillic alteration. Cut by pyrite-calcite-quartz veinlets.							
						MD	GY	PA	OXI	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
						MD	BN		SIL	3I		
									PHC	1I		
20.32	21.97	1.65	GRD	MG	Strongly oxidized vein and its phyllic-argillic vein halo. Phyllic and argillic halos are pervasively overprinted by oxidation. Two smoky quartz veins with disseminated-blebby pyrite.							
						MD	BN		OXI	4I	Py	2
						MD	OL		ARG	2I		
									PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
21.97	23.78	1.81	GRD	MG	Pervasive propylitic and silicification altered granodiorite with patchy potassic. Oxidation on fractures. Cut by grey-smoky quartz-carbonate veins with pyrite.							
						MD	GN	PA	OXI	2I		
						MD	PK		SIL	2I		
						MD	GY		PRO	2I		
									POT	1I		
23.78	26.28	2.50	GRD	MG	Quartz-carbonate veins with phyllic halos and light propylitic overprint. Oxidation on fractures.							
						MD	GY		SIL	2I		
						LT	GN		OXI	1I		
						LT	BN		PRO	1I		
									PHC	3I		
									ARG	1I		
26.28	33.02	6.74	GRD	MG	Pervasive propylitic and silicification altered granodiorite with patchy potassic. Oxidation on fractures. Cut by grey-smoky quartz-carbonate veins with pyrite.							
						MD	GN	PA	OXI	2I		
						MD	PK		SIL	2I		
						MD	GY		PRO	2I		
									POT	1I		
33.02	35.66	2.64	GRD	MG	Quartz-carbonate veins with phyllic halos and light propylitic overprint. Oxidation on fractures.							
						MD	GY		SIL	2I		
						LT	BN		PRO	1I		
						LT	GN		OXI	1I		
									ARG	1I		
									PHC	3I		
35.66	37.15	1.49	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite. Oxidation on fractures.							
						MD	GN		OXI	1I		
						MD	PK		SIL	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	1I		
37.15	38.71	1.56	GRD	MG	Quartz-carbonate veins with phyllic halos and light propylitic overprint. Oxidation on fractures.							
						MD	GY		SIL	2I		
						LT	BN		PRO	1I		
						LT	GN		OXI	1I		
									ARG	1I		
									PHC	3I		
38.71	55.15	16.44	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with trace oxidation on fractures and phyllic vein halos.							
						MD	GN		OXI	1I		
						MD	PK		SIL	2I		
									PHC	1I		
									PRO	2I		
									POT	1I		
55.15	58.03	2.88	GRD	MG	Phyllic-argillic vein halos with patchy potassic overprint. Trace oxidation on fractures. Cut by quartz-carbonate veins, hosting pyrite and hematite.							
						LT	GN	PA	OXI	1I		
						LT	PK		PHC	2I		
						LT	WH		ARG	3I		
									POT	2I		
58.03	63.95	5.92	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with trace oxidation on fractures and phyllic vein halos.							
						MD	GN		OXI	1I		
						MD	PK		SIL	2I		
									POT	1I		
									PHC	1I		
									PRO	2I		
63.95	70.72	6.77	GRD	MG	Phyllic-argillic vein halos on mineralized smoky quartz-carbonate veins with pyrite and hematite. Argillic has pervasive oxide staining. Patchy chloritization gives blue tint.							
						MD	GN		PHC	3I		
						LT	GN	PA	OXI	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	BN		SIL	2I		
						LT	WH		ARG	2I		
									PRO	2I		
									CHL	1I		
70.72	73.85	3.13	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with trace oxidation on fractures and phyllic vein halos.							
						MD	GN		OXI	1I		
						MD	PK		SIL	2I		
									POT	1I		
									PHC	1I		
									PRO	2I		
73.85	78.05	4.20	GRD	MG	Strong-moderate phyllic halo on low angle smoky quartz-carbonate veins with semi-massive pyrite and weak brecciation. Trace oxidation near veins. Disseminated pyrite in groundmass. Patchy blue tint from chlorite alteration							
						LT	GN		OXI	1I	Py	3
						LT	BL		PHC	3I		
						LT	BN		CHL	1I		
78.05	106.95	28.90	GRD	MG	Pervasive propylitic and silicification with patchy potassic and narrow weak phyllic-argillic halos on quartz-carbonate veins. Most veins are cream ankerite-calcite veins with crustiform borders.							
						MD	GN		SIL	2I		
						MD	PK		PRO	3I		
									PHC	1I		
									ARG	2I		
									POT	1I		
106.95	108.43	1.48	GRD	MG	Pervasive propylitic and silicification with patchy potassic and narrow weak phyllic-argillic halos on quartz-carbonate veins. Most veins are cream ankerite-calcite veins with crustiform borders and disseminated-blebby pyrite. Patchy disseminated pyrite in chlorite.							
						MD	GY	PA	SIL	2I		
						MD	PK		PHC	3I		
						LT	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		POT	1I		
									ARG	2I		
108.43	109.19	0.76	GRD	MG	Pervasive propylitic and silicification with patchy potassic. Patchy disseminated pyrite in chlorite.							
						MD	GY		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
109.19	116.43	7.24	GRD	MG	Pervasive propylitic and silicification with patchy potassic and narrow weak phyllic-argillic halos on quartz-carbonate veins. Most veins are cream ankerite-calcite veins with crustiform borders and disseminated-blebby pyrite. Patchy disseminated pyrite in chlorite.							
						MD	GY	PA	SIL	2I		
						MD	PK		PHC	3I		
						LT	GN		PRO	2I		
						LT	WH		POT	1I		
									ARG	2I		
116.43	129.94	13.51	GRD	MG	Weakly altered granodiorite with pervasive propylitic, potassic, and silicification.							
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
						MD	GY		SIL	2I		
129.94	130.93	0.99	GRD	MG	Phyllic-argillic vein halos with propylitic and silica overprint. Cut by pyrite-bearing smoky quartz-carbonate veins.							
						LT	GN		SIL	2I		
									PRO	1I		
									PHC	3I		
									ARG	1I		
130.93	134.07	3.14	GRD	MG	Weakly altered granodiorite with pervasive propylitic, potassic, and silicification.							
									POT	1I		
									PHC	2I		
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
134.07	137.02	2.95	GRD	MG	Phyllic-argillic vein halos with propylitic-silica overprint. 20cm of intense, texture destructive silicification at 136m. Cut by smoky quartz-carbonate veins with sulphides, green quartz feldspar porphyry dyklets (1-2cm), and grey gouge.							
						MD	GN	PA	SIL	3I		
						LT	GN		PHC	2I		
									PRO	2I		
									ARG	3I		
137.02	148.28	11.26	GRD	MG	Pervasive propylitic, potassic, and silica altered granodiorite with green sericite on fractures.							
						MD	GY	FR	SIL	2I		
						MD	PK		PRO	2I		
						MD	GN		POT	2I		
148.28	151.26	2.98	GRD	MG	Bonus vein zone. Phyllic-argillic vein halos with patchy silicificaiton, potassic, and propylitic overprint. Cut by smoky quartz-carbonate veins/breccias with pyrite, sphalerite, +/- arsenopyrite.							
						MD	PK		ARG	3I		
						MD	GY		PRO	1I		
						LT	GN	PA	SIL	2I	Py	1
						LT	WH		PHC	3I		
									POT	2I		
151.26	151.73	0.47	BXA	FG	Dark smoky quartz breccia with sub-angular clasts of phyllic-argillic altered granodiorite. Fine-disseminated pyrite in smoky quartz cement.							
						MD	GY		PHC	2I		
						LT	GN	BX	SIL	2I	Py	5
									ARG	2I		
151.73	157.49	5.76	GRD	MG	Bonus vein zone. Phyllic-argillic vein halos with patchy silicificaiton, potassic, and propylitic overprint. Cut by smoky quartz-carbonate veins/breccias with pyrite, sphalerite, +/- arsenopyrite.							
						MD	PK		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	1I		
						LT	GN	PA	SIL	2I	Py	1
						LT	WH		PHC	3I		
									POT	2I		
157.49	158.05	0.56	VEN	MG	Smoky quartz vein/vein breccia with blebby sphalerite, blebby-massive pyrite, blebby galena, and disseminated-blebby arsenopyrite. Banded white ankerite.							
						MD	GY		PHC	3I	As	2
						LT	GN		SIL	3I	Py	6
											Gn	1
											Sp	2
158.05	159.64	1.59	GRD	MG	Phyllic-argillic halos on smoky quartz-carbonate veins with disseminated pyrite.							
						MD	PK		ARG	2I		
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
									POT	1I		
159.64	180.15	20.51	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic. Rare phyllic-argillic vein halos.							
								PA	SIL	2I		
									PRO	2I		
									POT	1I		
180.15	181.02	0.87	GRD	MG	Phyllic-argillic halo on sulphide-rich breccia (smoky quartz-carbonate with disseminated-blebby pyrite in carbonate and cement). Clasts of granodiorite and pyrite-galena-sphalerite hosting vein.							
						MD	GY		ARG	2I	Gn	1
						LT	GN		SIL	2I	Py	1
						LT	WH		PHC	2I	Sp	1
181.02	203.52	22.50	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic. Rare phyllic-argillic vein halos.							
						MD	GY	PA	SIL	2I		
						MD	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	2I		
203.52	203.93	0.41	GRD	MG	Phyllic overprinted argillic vein halo on quartz-carbonate veins with massive pyrite.							
						MD	GN					
						MD	PK		ARG	1I		
						LT	GN		PHC	1I		
203.93	208.66	4.73	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic. Rare phyllic-argillic vein halos.							
						MD	GY	PA	SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
210.04	215.62	5.58	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic. Rare phyllic-argillic vein halos.							
						MD	GY	PA	SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
215.62	222.97	7.35	GRD	MG	Overprinting phyllic-argillic vein halos with patchy propylitic and potassic alteration. Cut by smoky quartz veins and gouge at 218.70m. Smoky quartz veins host pyrite, arsenopyrite, and galena.							
						MD	GN		ARG	2I		
						MD	PK		PRO	3I		
						LT	GN	PA	SIL	1I	Py	1
						LT	WH		PHC	2I		
									POT	1I		
222.97	232.86	9.89	GRD	MG	Pervasive silicified and propylitic altered granodiorite with patchy potassic.							
						MD	GN	PA				
						MD	PK					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
232.86	236.02	3.16	GRD	MG	Phyllic-argillic vein halos with patchy potassic. Phyllic overprints argillic. Patchy disseminated pyrite in groundmass. Cut by white-smoky quartz veins with disseminated-blebby pyrite.							
						LT	PK		POT	1I		
						LT	GN		SIL	2I	Py	2
						LT	WH		PHC	2I		
									ARG	2I		
236.02	245.17	9.15	GRD	MG	Pervasive silicified and propylitic altered granodiorite with patchy potassic.							
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
249.84	250.25	0.41	BXA	FG	Black quartz breccia with fine pyrite in cement. Clasts are <1cm angular phyllic-altered granodiorite and mineralized vein fragments.							
						LT	GN		PHC	2I		
						DK	BK	BX	SIL	4I	Py	5
250.25	251.44	1.19	GRD	MG	Pervasive phyllic altered granodiorite with clay alteration along cracks. Cut by smoky quartz veins/veinlets with disseminated-blebby pyrite.							
						LT	GN	CR	SIL	2I	Py	1
									PHC	3I		
									CLY	1I		
251.44	251.80	0.36	QFP	FG	Top contact: alpha = 80, beta = 300. Bottom contact: alpha = 60, beta = 180. Light green-tan quartz feldspar porphyry dyke with clay alteration along cracks.							
						LT	TN	PO	HYD	4I		
						LT	GN	CR	SIL	1I		
									CLY	2I		
251.80	252.71	0.91	GRD	MG	Pervasive phyllic altered granodiorite with clay alteration along cracks. Cut by smoky quartz veins/veinlets with disseminated-blebby pyrite.							
						LT	GN	CR	SIL	2I	Py	1
									PHC	3I		
									CLY	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
252.71	253.00	0.29	BXA	MG	Smoky quartz breccia with wide white quartz vein. Smoky quartz has disseminated-blebby pyrite. Clasts are sub-rounded phyllic granodiorite and vein fragments. 2cm band of massive arsenopyrite, 3cm band of massive-intergrown spalerite and galena. Jamesonite at border of arsenopyrite band. White quartz vein hosts blebby pyrite and sphalerite.							
						MD	GN		PHC	2I	As	15
						DK	BK	BX	SIL	3I	Py	25
											Sp	10
											Gn	2
											Jm	1
253.00	261.62	8.62	GRD	MG	Pervasive silicified and propylitic altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						MD	PK		POT	1I		
						MD	GN		PRO	2I		
261.62	262.37	0.75	QFP	FG	Light tan quartz feldspar porphyry dyke with 70 TCA top contact and 40 TCA bottom contact.							
						LT	TN	PO	SIL	3I		
									HYD	4I		
262.37	263.26	0.89	QFP	FG	Gouged quartz feldspar porphyry dyke with significant clay alteration. 60 TCA bottom contact.							
						LT	GY	PO	SIL	2I		
						LT	TN	FR	HYD	4I		
									CLY	3I		
263.26	264.41	1.15	QFP	FG	Light purple quartz feldspar porphyry dyke with green phenocrysts. 40 TCA bottom contact.							
						MD	PU	PO	SIL	2I		
						LT	PU		HYD	3I		
264.41	267.95	3.54	QFP	FG	Light green-tan quartz feldspar porphyry dyke with large clear quartz phenocrysts. Flow banded, chilled bottom contact.							
						LT	GN	PO	SIL	2I		
						LT	TN		HYD	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
267.95	274.85	6.90	GRD	MG	Phyllic-argillic vein halos on several well-mineralized veins and quartz-pyrite veinlets/stringers. Disseminated pyrite in chloritic groundmass. Veins are white-smoky quartz hosting pyrite, sphalerite, galena, arsenopyrite, +/- jamesonite.							
						MD	GY		ARG	2I		
						LT	GN	PA	SIL	3I	Py	3
						LT	WH		PHC	3I		
274.85	276.71	1.86	GRD	MG	Propylitic, silicified, and potassic altered granodiorite.							
						MD	GN		SIL	2I		
						LT	PK		PRO	2I		
									POT	1I		
276.71	279.88	3.17	GRD	MG	Phyllic vein halos on few wide mineralized veins and several quartz-pyrite veinlets.							
						LT	GN		SIL	2I	Py	1
									PHC	3I		
									ARG	2I		
279.88	282.64	2.76	GRD	MG	Propylitic, silicified, and potassic altered granodiorite.							
						MD	GN	PA	SIL	2I		
						LT	PK		PRO	2I		
						LT	GN		POT	1I		
282.64	284.99	2.35	GRD	MG	Phyllic-argillic vein halos on few wide mineralized veins and several quartz-pyrite veinlets.							
						MD	GN		PHC	2I		
						LT	GN		SIL	2I		
									ARG	2I		
284.99	286.11	1.12	GRD	MG	Propylitic, silicified, and potassic altered granodiorite.							
						MD	GN		SIL	2I		
						LT	PK		PRO	2I		
									POT	1I		
286.11	291.31	5.20	GRD	MG	Phyllic-argillic vein halos on few wide mineralized veins and several quartz-pyrite veinlets.							
						MD	GN		PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	PK		ARG	2I		
						LT	GN		SIL	2I	Py	1
291.31	293.07	1.76	QFP	FG	Top contact: alpha = 80, beta = 270. Mineralized quartz feldspar porphyry dyke with disseminated-blebby pyrite throughout, cut by banded smoky quartz-carbonate veinlets with pyrite.							
						MD	GY	PO	SIL	1I	Py	6
						LT	GN		HYD	4I		
293.07	302.53	9.46	GRD	MG	Phyllic-argillic vein halos with weak propylitic, patchy potassic overprint on argillic. Pervasive disseminated pyrite in chlorite. Cut by several prominently mineralized veins (smoky quartz-white carbonate). 40 TCA bottom contact.							
						MD	GN		ARG	1I		
						LT	GN	PA	SIL	2I	Py	8
						LT	WH		PHC	3I		
									POT	1I		
									PRO	2I		
302.53	304.86	2.33	QFP	FG	Light green quartz feldspar porphyry dyke with small clear quartz phenocrysts and trace disseminated pyrite.							
						LT	GN	PO	SIL	1I	Py	1
									HYD	4I		
304.86	309.79	4.93	GRD	MG	Pervasive propylitic and silicification with patchy potassic and phyllic-argillic vein halos. Narrow smoky quartz breccia at quartz feldspar porphyry dyke contact with disseminated-blebby pyrite.							
						MD	GN	PA	SIL	1I		
						MD	PK		PHC	2I		
						LT	WH		PRO	1I		
						LT	GN		ARG	2I		
									POT	1I		
309.79	314.39	4.60	QFP	FG	Strongly hydrothermally altered quartz feldspar porphyry dyke with extensive gouge and fracturing at bottom contact.							
						MD	PU	PO	HYD	4I		
						LT	TN	FR	SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
314.39	314.61	0.22	QFP	FG	Gouged quartz feldspar porphyry dyke at contact. Light grey with trace disseminated pyrite.							
						LT	GY		CLY	4I	Py	1
314.61	322.91	8.30	GRD	MG	Variable phyllic-argillic vein halos with patchy silicification, propylitic, and potassic overprint. Disseminated pyrite in chlorite and phyllic alteration throughout. Cut by quartz veins/veinlets/stringers hosting blebby-disseminated pyrite and sphalerite.							
						MD	GN		PRO	2I		
						LT	GN	PA	SIL	2I	Py	3
						LT	WH		PHC	3I		
						LT	PK		ARG	3I		
									POT	1I		
322.91	328.22	5.31	GRD	MG	Pervasive propylitic, silicified, and potassic altered granodiorite with chlorite stringers hosting disseminated pyrite. Cut by pink aplite dyklets.							
						MD	PK		PRO	3I		
						MD	GN		SIL	3I		
									POT	2I		
328.22	329.77	1.55	GRD	MG	Variable phyllic-argillic vein halos with patchy silicification, propylitic, and potassic overprint. Disseminated pyrite in chlorite and phyllic alteration throughout. Cut by quartz veins/veinlets/stringers hosting blebby-disseminated pyrite and sphalerite.							
						MD	GN		PRO	2I		
						LT	GN	PA	SIL	2I	Py	3
						LT	WH		PHC	3I		
						LT	PK		ARG	3I		
									POT	1I		
329.77	330.32	0.55	GRD	MG	Phyllic granodiorite with strong texture obliterating silicification and disseminated pyrite.							
						MD	GY		SIL	4I	Py	3
						LT	GN		PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
330.32	335.05	4.73	GRD	MG	Variable phyllic-argillic vein halos with patchy silicification, propylitic, and potassic overprint. Disseminated pyrite in chlorite and phyllic alteration throughout. Cut by quartz veins/veinlets/stringers hosting blebby-disseminated pyrite and sphalerite.							
						MD	GN		PRO	2I		
						LT	GN	PA	SIL	2I	Py	3
						LT	PK		ARG	3I		
						LT	WH		PHC	3I		
									POT	1I		
335.05	342.58	7.53	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite.							
						MD	GY	MO	SIL	3I		
						MD	PK		PRO	3I		
									POT	2I		
342.58	348.25	5.67	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite. Phyllic-argillic vein halos on quartz-carbonate veins.							
						MD	GN	PA	SIL	3I		
						MD	PK		PHC	1I		
						LT	GN		PRO	3I		
						LT	WH		POT	2I		
									ARG	2I		
348.25	358.75	10.50	GRD	MG	Weakly altered granodiorite with pervasive silicification, propylitic, and potassic with rare argillic alteration on veinlets.							
						MD	GY		SIL	3I		
						LT	PK		PRO	2I		
						LT	GY		POT	2I		
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.02	3.83	1.81	OVB	MG	Strongly oxidized overburden and re-drill.							
						MD	BN	RB	OXI	5I		
3.83	20.32	16.49	GRD	MG	Weak pervasive propylitic and silicified granodiorite with patchy potassic and vein-associated phyllic-argillic. Oxidation on fractures, and pervasive through argillic alteration.							
						MD	GY	FR	OXI	2I		
						MD	BN		SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
									PHC	1I		
									ARG	1I		
20.32	21.97	1.65	GRD	MG	Strongly oxidized vein and its phyllic-argillic vein halo. Phyllic and argillic halos are pervasively overprinted by oxidation. Two smoky quartz veins with disseminated-blebby pyrite.							
						MD	OR		ARG	2I		
									PHC	2I		
						MD	BN		OXI	4I	Py	2
21.97	38.71	16.74	GRD	MG	Pervasive propylitic and silicification altered granodiorite with patchy potassic and phyllic-argillic vein halos. Oxidation on fractures. Cut by grey-smoky quartz-carbonate veins with pyrite.							
						MD	PK		SIL	2I		
						MD	GY		PRO	2I		
						LT	GN		POT	1I		
									PHC	2I		
									ARG	2I		
						MD	GN	PA	OXI	2I	Py	1
38.71	55.15	16.44	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with trace oxidation on fractures and phyllic vein halos.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	1I		
									POT	1I		
						MD	GN		OXI	1I		
						MD	PK		SIL	2I		
									PRO	2I		
55.15	58.03	2.88	GRD	MG	Phyllic-argillic vein halos with patchy potassic overprint. Trace oxidation on fractures. Cut by quartz-carbonate veins, hosting pyrite and hematite.							
									POT	2I		
						LT	GN	PA	OXI	1I		
						LT	PK		PHC	2I		
						LT	WH		ARG	3I		
58.03	63.95	5.92	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with trace oxidation on fractures and phyllic vein halos.							
						MD	PK		SIL	2I		
									PRO	2I		
									POT	1I		
									PHC	1I		
						MD	GN		OXI	1I		
63.95	70.72	6.77	GRD	MG	Phyllic-argillic vein halos on mineralized smoky quartz-carbonate veins with pyrite and hematite. Argillic has pervasive oxide staining. Patchy chloritization gives blue tint.							
									PRO	2I		
						LT	GN	PA	OXI	1I		
						LT	PK		SIL	2I		
									ARG	2I		
									CHL	1I		
						LT	WH		PHC	3I		
70.72	73.85	3.13	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with trace oxidation on fractures and phyllic vein halos.							
									PHC	1I		
						MD	GN		OXI	1I		
						MD	PK		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	1I		
									PRO	2I		
73.85	78.05	4.20	GRD	MG	Strong-moderate phyllic halo on low angle smoky quartz-carbonate veins with semi-massive pyrite and weak brecciation. Trace oxidation near veins. Disseminated pyrite in groundmass. Patchy blue tint from chlorite alteration							
						LT	BN		CHL	1I		
						LT	BL		PHC	3I		
						LT	GN		OXI	1I	Py	3
78.05	106.95	28.90	GRD	MG	Pervasive propylitic and silicification with patchy potassic and narrow weak phyllic-argillic halos on quartz-carbonate veins. Most veins are cream ankerite-calcite veins with crustiform borders.							
						MD	GN		SIL	2I		
						MD	PK		PRO	3I		
									POT	1I		
									ARG	2I		
									PHC	1I		
106.95	134.07	27.12	GRD	MG	Pervasive propylitic and silicification with patchy potassic and narrow weak phyllic-argillic halos on quartz-carbonate veins. Most veins are cream ankerite-calcite veins with crustiform borders and disseminated-blebby pyrite. Patchy disseminated pyrite in chlorite.							
						LT	WH		POT	1I		
						LT	GN		PRO	2I		
						MD	GY	PA	SIL	2I		
						MD	PK		PHC	3I		
									ARG	2I		
134.07	137.02	2.95	GRD	MG	Phyllic-argillic vein halos with propylitic-silica overprint. 20cm of intense, texture destructive silicification at 136m. Cut by smoky quartz-carbonate veins with sulphides, green quartz feldspar porphyry dyklets (1-2cm), and grey gouge.							
						MD	GN	PA	SIL	3I		
						LT	GN		PHC	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	3I		
137.02	148.28	11.26	GRD	MG	Pervasive propylitic, potassic, and silica altered granodiorite with green sericite on fractures.							
						MD	GY	FR	SIL	2I		
						MD	GN		POT	2I		
						MD	PK		PRO	2I		
148.28	157.49	9.21	GRD	MG	Bonus vein zone. Phyllic-argillic vein halos with patchy silicificaiton, potassic, and propylitic overprint. Cut by smoky quartz-carbonate veins/breccias with pyrite, sphalerite, +/- arsenopyrite.							
						MD	GY		PRO	1I		
									POT	2I		
						LT	WH		PHC	3I		
						LT	GN	PA	SIL	2I	Py	1
						MD	PK		ARG	3I		
157.49	158.05	0.56	VEN	MG	Smoky quartz vein/vein breccia with blebby sphalerite, blebby-massive pyrite, blebby galena, and disseminated-blebby arsenopyrite. Banded white ankerite.							
											Gn	1
						LT	GN		SIL	3I	Py	6
						MD	GY		PHC	3I	As	2
											Sp	2
158.05	159.64	1.59	GRD	MG	Phyllic-argillic halos on smoky quartz-carbonate veins with disseminated pyrite.							
						LT	WH		PHC	3I		
									POT	1I		
						MD	PK		ARG	2I		
						LT	GN		SIL	2I		
159.64	215.62	55.98	GRD	MG	Granodiorite with pervasive silicification, propylitic, and potassic. Rare phyllic-argillic vein halos.							
						MD	GN		PRO	2I		
						MD	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PA	SIL	2I		
215.62	222.97	7.35	GRD	MG	Overprinting phyllic-argillic vein halos with patchy propylitic and potassic alteration. Cut by smoky quartz veins and gouge at 218.70m. Smoky quartz veins host pyrite, arsenopyrite, and galena.							
						LT	WH		PHC	2I		
						MD	GN		ARG	2I		
						MD	PK		PRO	2I		
									POT	1I		
						LT	GN	PA	SIL	1I	Py	1
222.97	232.86	9.89	GRD	MG	Pervasive silicified and propylitic altered granodiorite with patchy potassic.							
									POT	1I		
						MD	GN	PA	SIL	2I		
						MD	PK		PRO	2I		
232.86	236.02	3.16	GRD	MG	Phyllic-argillic vein halos with patchy potassic. Phyllic overprints argillic. Patchy disseminated pyrite in groundmass. Cut by white-smoky quartz veins with disseminated-blebby pyrite.							
						LT	GN		SIL	2I	Py	2
						LT	GY		PHC	2I		
						LT	PK		POT	1I		
									ARG	2I		
236.02	245.17	9.15	GRD	MG	Pervasive silicified and propylitic altered granodiorite with patchy potassic.							
									POT	1I		
						MD	PK		PRO	2I		
						MD	GN	PA	SIL	2I		
249.84	250.25	0.41	BXA	FG	Black quartz breccia with fine pyrite in cement. Clasts are <1cm angular phyllic-altered granodiorite and mineralized vein fragments.							
						DK	BK	BX	SIL	4I	Py	5
						LT	GN		PHC	2I		
250.25	251.44	1.19	GRD	MG	Pervasive phyllic altered granodiorite with clay alteration along cracks. Cut by smoky quartz veins/veinlets with disseminated-blebby pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	CR	SIL	2I	Py	1
									PHC	3I		
									CLY	1I		
251.44	251.80	0.36	QFP	FG	Top contact: alpha = 80, beta = 300. Bottom contact: alpha = 60, beta = 180. Light green-tan quartz feldspar porphyry dyke with clay alteration along cracks.							
						LT	GN	PO	SIL	1I		
						LT	TN	CR	HYD	4I		
									CLY	2I		
251.80	252.71	0.91	GRD	MG	Pervasive phyllic altered granodiorite with clay alteration along cracks. Cut by smoky quartz veins/veinlets with disseminated-blebby pyrite.							
									PHC	3I		
									CLY	1I		
						LT	GN	CR	SIL	2I	Py	1
252.71	253.00	0.29	BXA	MG	Smoky quartz breccia with wide white quartz vein. Smoky quartz has disseminated-blebby pyrite. Clasts are sub-rounded phyllic granodiorite and vein fragments. 2cm band of massive arsenopyrite, 3cm band of massive-intergrown spalerite and galena. Jamesonite at border of arsenopyrite band. White quartz vein hosts blebby pyrite and sphalerite.							
						DK	BK	BX	SIL	3I	Py	25
						MD	GN		PHC	2I	As	15
											Sp	10
											Gn	2
											Jm	1
253.00	261.62	8.62	GRD	MG	Pervasive silicified and propylitic altered granodiorite with patchy potassic.							
						MD	GY	PA	SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
261.62	267.95	6.33	QFP	FG	Quartz feldspar porphyry dyke with several phases, distinguished by colour variation and sharp contacts.							
						LT	PU	PO	SIL	3I		
						LT	TN					
						LT	GN	BX	HYD	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
267.95	274.85	6.90	GRD	MG	Phyllic-argillic vein halos on several well-mineralized veins and quartz-pyrite veinlets/stringers. Disseminated pyrite in chloritic groundmass. Veins are white-smoky quartz hosting pyrite, sphalerite, galena, arsenopyrite, +/- jamesonite.							
						LT	WH		PHC	3I		
						MD	GY		ARG	2I		
						LT	GN		SIL	3I	Py	3
274.85	282.64	7.79	GRD	MG	Propylitic, silicified, and potassic altered granodiorite with wide phyllic-argillic vein halos.							
									POT	1I		
						LT	GN	PA	SIL	2I	Py	1
						LT	PK		PRO	2I		
									ARG	2I		
						MD	GN		PHC	3I		
282.64	291.31	8.67	GRD	MG	Phyllic-argillic vein halos on few wide mineralized veins and several quartz-pyrite veinlets.							
									PRO	2I		
						LT	PK		ARG	2I		
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	2I	Py	1
									POT	1I		
291.31	293.07	1.76	QFP	FG	Top contact: alpha = 80, beta = 270. Mineralized quartz feldspar porphyry dyke with disseminated-blebby pyrite throughout, cut by banded smoky quartz-carbonate veinlets with pyrite.							
						LT	GN		HYD	4I		
						MD	GY	PO	SIL	1I	Py	6
293.07	302.53	9.46	GRD	MG	Phyllic-argillic vein halos with weak propylitic, patchy potassic overprint on argillic. Pervasive disseminated pyrite in chlorite. Cut by several prominently mineralized veins (smoky quartz-white carbonate). 40 TCA bottom contact.							
						LT	GN	PA	SIL	2I	Py	8
						LT	WH		PHC	3I		
						MD	GN		ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	1I		
									PRO	2I		
302.53	304.86	2.33	QFP	FG	Light green quartz feldspar porphyry dyke with small clear quartz phenocrysts and trace disseminated pyrite.							
									HYD	4I		
						LT	GN	PO	SIL	1I	Py	1
304.86	309.79	4.93	GRD	MG	Pervasive propylitic and silicification with patchy potassic and phyllic-argillic vein halos. Narrow smoky quartz breccia at quartz feldspar porphyry dyke contact with disseminated-blebby pyrite.							
									POT	1I		
						LT	GN		ARG	2I		
						MD	PK		PHC	2I		
						MD	GN	PA	SIL	1I		
						LT	WH		PRO	1I		
309.79	314.39	4.60	QFP	FG	Strongly hydrothermally altered quartz feldspar porphyry dyke with extensive gouge and fracturing at bottom contact.							
						LT	TN	PO	SIL	1I	Py	1
						MD	PU	FR	HYD	4I		
314.39	314.61	0.22	QFP	FG	Gouged quartz feldspar porphyry dyke at contact. Light grey with trace disseminated pyrite.							
						LT	TN		CLY	4I	Py	1
314.61	322.91	8.30	GRD	MG	Variable phyllic-argillic vein halos with patchy silicification, propylitic, and potassic overprint. Disseminated pyrite in chlorite and phyllic alteration throughout. Cut by quartz veins/veinlets/stringers hosting blebby-disseminated pyrite and sphalerite.							
						LT	GN	PA	SIL	2I	Py	3
						LT	WH		PHC	3I		
						LT	PK		ARG	3I		
						MD	GN		PRO	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
322.91	328.22	5.31	GRD	MG	Pervasive propylitic, silicified, and potassic altered granodiorite with chlorite stringers hosting disseminated pyrite. Cut by pink aplite dyklets.							
									POT	2I		
						MD	PK		PRO	3I		
						MD	GN		SIL	3I		
328.22	335.05	6.83	GRD	MG	Variable phyllic-argillic vein halos with patchy silicification, propylitic, and potassic overprint. Disseminated pyrite in chlorite and phyllic alteration throughout. Cut by quartz veins/veinlets/stringers hosting blebby-disseminated pyrite and sphalerite.							
						LT	WH		PHC	3I		
						LT	PK		ARG	3I		
						MD	GN		PRO	2I		
									POT	1I		
						LT	GN	PA	SIL	2I	Py	3
335.05	342.58	7.53	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite.							
									POT	2I		
						MD	GY	MO	SIL	3I		
						MD	PK		PRO	3I		
342.58	348.25	5.67	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite. Phyllic-argillic vein halos on quartz-carbonate veins.							
						LT	WH		POT	2I		
						MD	PK		PHC	1I		
						LT	GN		PRO	3I		
						MD	GN	PA	SIL	3I		
									ARG	2I		
348.25	358.75	10.50	GRD	MG	Weakly altered granodiorite with pervasive silicification, propylitic, and potassic with rare argillic alteration on veinlets.							
						MD	GY		SIL	3I		
						LT	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		POT	2I		
									ARG	1I		

KL-14-193

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.02	2.02	0	0	0.00	0	--	--	--	
2.02	2.13	0.11	0.11	100	0.00	0	--	1H	4W	
2.13	5.18	3.05	2.7	89	0.81	27	--	3H	3W	
5.18	8.23	3.05	2.83	93	1.30	43	--	4H	3W	
8.23	11.28	3.05	2.94	96	2.29	75	--	4H	2W	
11.28	14.33	3.05	2.9	95	1.59	52	--	4H	2W	
14.33	17.37	3.04	3.04	100	2.39	79	--	4H	2W	
17.37	20.42	3.05	3.04	100	2.19	72	--	4H	2W	
20.42	23.47	3.05	3.05	100	1.44	47	--	3H	2W	
23.47	26.52	3.05	3	98	2.50	82	--	4H	2W	
26.52	29.57	3.05	3.05	100	2.59	85	--	4H	2W	
29.57	32.61	3.04	3.04	100	2.54	84	--	4H	2W	
32.61	35.66	3.05	2.93	96	2.51	82	--	3H	2W	
35.66	38.71	3.05	3.05	100	2.46	81	--	4H	2W	
38.71	41.76	3.05	3.05	100	2.43	80	--	3H	2W	
41.76	44.81	3.05	2.93	96	2.35	77	--	4H	2W	
44.81	47.85	3.04	3.04	100	2.67	88	--	4H	2W	
47.85	50.90	3.05	3.01	99	1.85	61	--	4H	2W	
50.90	53.95	3.05	3.02	99	2.19	72	--	3H	2W	
53.95	57.00	3.05	3.04	100	2.28	75	--	4H	2W	
57.00	60.05	3.05	2.89	95	2.60	85	--	4H	2W	
60.05	63.09	3.04	3.04	100	2.69	88	--	4H	2W	
63.09	66.14	3.05	3	98	1.63	53	--	3H	2W	
66.14	69.19	3.05	2.93	96	2.16	71	--	3H	2W	
69.19	72.24	3.05	3.05	100	2.14	70	--	3H	2W	
72.24	75.29	3.05	3.05	100	2.55	84	--	3H	2W	
75.29	78.33	3.04	3.04	100	1.51	50	--	4H	1W	
78.33	81.38	3.05	2.61	86	0.61	20	--	2H	1W	
81.38	84.43	3.05	3.05	100	2.61	86	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
84.43	87.48	3.05	3.04	100	2.77	91	--	4H	1W	
87.48	90.53	3.05	3.05	100	2.58	85	--	4H	1W	
90.53	93.57	3.04	3.04	100	1.84	61	--	4H	1W	
93.57	96.62	3.05	3	98	1.53	50	--	4H	1W	
96.62	99.67	3.05	3.05	100	1.15	38	--	4H	1W	
99.67	102.72	3.05	1.59	52	1.59	52	--	4H	1W	
102.72	105.77	3.05	2.93	96	1.82	60	--	4H	1W	
105.77	108.81	3.04	3.04	100	2.10	69	--	3H	1W	
108.81	111.86	3.05	2.98	98	2.67	88	--	3H	1W	
111.86	114.91	3.05	3.04	100	1.78	58	--	4H	1W	
114.91	117.96	3.05	2.94	96	2.04	67	--	4H	1W	
117.96	121.01	3.05	2.89	95	2.13	70	--	4H	1W	
121.01	124.05	3.04	3.04	100	2.18	72	--	4H	1W	
124.05	127.10	3.05	2.94	96	2.28	75	--	4H	1W	
127.10	130.15	3.05	3.05	100	1.66	54	--	4H	1W	
130.15	133.20	3.05	2.95	97	2.24	73	--	4H	1W	
133.20	136.25	3.05	2.97	97	2.05	67	--	4H	1W	
136.25	139.29	3.04	2.96	97	1.83	60	--	4H	1W	
139.29	142.34	3.05	3.05	100	1.19	39	--	4H	1W	
142.34	145.39	3.05	3.03	99	1.02	33	--	3H	1W	
145.39	148.44	3.05	1.37	45	1.37	45	--	4H	1W	
148.44	151.49	3.05	3.05	100	2.06	68	--	4H	1W	
151.49	154.53	3.04	3	99	2.35	77	--	4H	1W	
154.53	157.58	3.05	2.94	96	2.58	85	--	3H	1W	
157.58	160.63	3.05	2.97	97	2.38	78	--	4H	1W	
160.63	163.68	3.05	3.04	100	2.66	87	--	4H	1W	
163.68	166.73	3.05	3.05	100	2.15	70	--	4H	1W	
166.73	169.77	3.04	3.04	100	2.86	94	--	4H	1W	
169.77	172.82	3.05	2.99	98	2.47	81	--	4H	1W	
172.82	175.87	3.05	3.05	100	2.97	97	--	4H	1W	
175.87	178.92	3.05	3.02	99	2.51	82	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
178.92	181.97	3.05	3.05	100	2.97	97	--	4H	1W	
181.97	185.01	3.04	3	99	2.55	84	--	4H	1W	
185.01	188.06	3.05	2.86	94	1.89	62	--	4H	1W	
188.06	191.11	3.05	3.04	100	2.58	85	--	4H	1W	
191.11	194.16	3.05	3.05	100	2.86	94	--	4H	1W	
194.16	197.21	3.05	2.97	97	1.76	58	--	4H	1W	
197.21	200.25	3.04	3.02	99	2.53	83	--	4H	1W	
200.25	203.30	3.05	3.04	100	1.12	37	--	3H	1W	
203.30	206.35	3.05	3.05	100	1.68	55	--	3H	1W	
206.35	209.40	3.05	2.97	97	2.19	72	--	4H	1W	
209.40	212.45	3.05	3.02	99	2.59	85	--	4H	1W	
212.45	215.49	3.04	2.91	96	2.16	71	--	4H	1W	
215.49	218.54	3.05	3.01	99	2.84	93	--	3H	1W	
218.54	221.59	3.05	2.98	98	2.46	81	--	3H	1W	
221.59	224.64	3.05	3.05	100	2.68	88	--	3H	1W	
224.64	227.69	3.05	3.04	100	3.04	100	--	4H	1W	
227.69	230.73	3.04	3.04	100	3.04	100	--	5H	1W	
230.73	233.78	3.05	2.96	97	2.80	92	--	4H	1W	
233.78	236.83	3.05	3.05	100	2.00	66	--	3H	1W	
236.83	239.88	3.05	3.05	100	2.64	87	--	4H	1W	
239.88	242.93	3.05	2.98	98	2.41	79	--	4H	1W	
242.93	245.97	3.04	2.89	95	2.47	81	--	3H	1W	
245.97	249.02	3.05	3.05	100	3.00	98	--	2H	1W	
249.02	252.07	3.05	3.05	100	2.68	88	--	2H	1W	
252.07	255.12	3.05	3.05	100	2.67	88	--	2H	1W	
255.12	258.17	3.05	3.04	100	2.54	83	--	3H	1W	
258.17	261.21	3.04	3.04	100	2.37	78	--	3H	2W	
261.21	264.26	3.05	2.96	97	1.83	60	--	2H	1W	
264.26	267.31	3.05	3.05	100	2.25	74	--	3H	1W	
267.31	270.36	3.05	3	98	2.64	87	--	3H	1W	
270.36	273.41	3.05	2.98	98	2.49	82	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
273.41	276.45	3.04	3.04	100	2.97	98	--	4H	1W	
276.45	279.50	3.05	2.91	95	2.85	93	--	4H	1W	
279.50	282.55	3.05	3.05	100	2.82	92	--	4H	1W	
282.55	285.60	3.05	3.03	99	2.56	84	--	4H	1W	
285.60	288.65	3.05	3.05	100	2.63	86	--	4H	1W	
288.65	291.69	3.04	3	99	2.88	95	--	4H	1W	
291.69	294.74	3.05	3.05	100	2.21	72	--	3H	1W	
294.74	297.79	3.05	3.02	99	2.39	78	--	3H	1W	
297.79	300.84	3.05	3.05	100	2.72	89	--	3H	1W	
300.84	303.89	3.05	3.03	99	2.07	68	--	3H	1W	
303.89	306.93	3.04	2.93	96	2.28	75	--	3H	1W	
306.93	309.98	3.05	2.94	96	1.82	60	--	3H	1W	
309.98	313.03	3.05	3.02	99	0.87	29	--	2H	1W	
313.03	316.08	3.05	2.89	95	1.18	39	--	2H	1W	
316.08	319.13	3.05	3	98	2.38	78	--	3H	1W	
319.13	322.17	3.04	3.04	100	2.39	79	--	4H	1W	
322.17	325.22	3.05	2.92	96	2.50	82	--	4H	1W	
325.22	328.27	3.05	3.05	100	2.58	85	--	4H	1W	
328.27	331.32	3.05	2.95	97	1.61	53	--	3H	1W	
331.32	334.37	3.05	3	98	2.60	85	--	3H	1W	
334.37	337.41	3.04	2.94	97	2.65	87	--	4H	1W	
337.41	340.46	3.05	3	98	2.52	83	--	4H	1W	
340.46	343.51	3.05	3.03	99	2.48	81	--	4H	1W	
343.51	346.56	3.05	3.01	99	2.96	97	--	4H	1W	
346.56	349.61	3.05	3	98	2.68	88	--	3H	1W	
349.61	352.65	3.04	3.04	100	2.57	85	--	4H	1W	
352.65	355.70	3.05	2.94	96	0.95	31	--	4H	1W	
355.70	358.75	3.05	3.03	99	2.58	85	--	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	3.49	CAS	
3	9.28	OVB	
4	18.2	GRD	
5	17.4	GRD	
6	23.2	GRD	
7	14.2	GRD	
8	17.2	GRD	
9	31.5	GRD	
10	17.6	GRD	
11	0.468	GRD	
12	0.365	GRD	
13	0.668	GRD	
14	7.29	GRD	
15	8.51	GRD	
16	2.04	GRD	
17	20.7	GRD	
18	24.4	GRD	
19	23.9	GRD	
20	15.9	GRD	
21	0.269	GRD	
22	6.53	GRD	
23	4.63	GRD	
24	0.447	GRD	
25	6.35	GRD	
26	0.441	GRD	
27	16.6	GRD	
28	20	GRD	
29	19.5	GRD	
30	18.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	4.37	GRD	
32	1.71	GRD	
33	12.4	GRD	
34	6.61	GRD	
35	0.514	GRD	
36	9.38	GRD	
37	1.07	GRD	
38	0.704	GRD	
39	3.32	GRD	
40	24.7	GRD	
41	18.1	GRD	
42	11.5	GRD	
43	19.9	GRD	
44	1.04	GRD	
45	13.9	GRD	
46	22.5	GRD	
47	7.16	GRD	
48	3.67	GRD	
49	6.16	GRD	
50	29.5	GRD	
51	45.2	GRD	
52	24.2	GRD	
53	24.2	GRD	
54	28.7	GRD	
55	0.416	GRD	
56	1.62	GRD	
57	0.404	GRD	
58	1	GRD	
59	24.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	24.2	GRD	
61	3.83	GRD	
62	0.966	GRD	
63	17.1	GRD	
64	6.91	GRD	
65	0.594	GRD	
66	2.44	GRD	
67	0.506	GRD	
68	0.453	GRD	
69	0.257	GRD	
70	0.314	GRD	
71	31.7	GRD	
72	26.7	GRD	
73	7.91	GRD	
74	0.613	GRD	
75	0.114	GRD	
76	0.354	GRD	
77	0.726	GRD	
78	0.615	GRD	
79	1.2	GRD	
80	11.5	GRD	
81	25.3	GRD	
82	27.3	GRD	
83	1.61	GRD	
84	9.45	GRD	
85	22.6	GRD	
86	28.9	GRD	
87	29.2	GRD	
88	27.3	GRD	
89	14.4	GRD	
90	16.5	GRD	
91	11.1	GRD	
92	17.4	GRD	
93	26.1	GRD	
94	14.8	GRD	
95	24.2	GRD	
96	5.09	GRD	
97	10.3	GRD	
98	25.8	GRD	
99	24.6	GRD	
100	21.8	GRD	
101	24.8	GRD	
102	20.1	GRD	
103	23.5	GRD	
104	18.8	GRD	
105	27.2	GRD	
106	30	GRD	
107	0.75	GRD	
108	1.6	GRD	
109	26.4	GRD	
110	24.4	GRD	
111	0.766	GRD	
112	4.24	GRD	
113	0.353	GRD	
114	1.37	GRD	
115	4.42	GRD	
116	0.264	GRD	
117	6.93	GRD	
118	19.2	GRD	
119	24.6	GRD	
120	18.6	GRD	
121	23.4	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	19.3	GRD	
123	20.8	GRD	
124	23.2	GRD	
125	21	GRD	
126	27.7	GRD	
127	21.7	GRD	
128	25.3	GRD	
129	22.6	GRD	
130	0.578	GRD	
131	0.471	GRD	
132	4.89	GRD	
133	18.2	GRD	
134	0.52	GRD	
135	4.3	GRD	
136	0.229	GRD	
137	0.466	GRD	
138	0.775	GRD	
139	17.2	GRD	
140	21.5	GRD	
141	14.5	GRD	
142	24.4	GRD	
143	15.8	GRD	
144	4.67	GRD	
145	0.4	GRD	
146	13.6	GRD	
147	5.53	GRD	
148	8.54	GRD	
149	0.257	GRD	
150	0.281	GRD	
151	0.482	GRD	
152	0.111	GRD	
153	0.47	GRD	
154	0.269	GRD	
155	1.11	GRD	
156	0.281	GRD	
157	0.543	GRD	
158	0.273	VEN	
159	1.03	GRD	
160	12.8	GRD	
161	17.1	GRD	
162	10.8	GRD	
163	11.9	GRD	
164	3.26	GRD	
165	16.8	GRD	
166	13.2	GRD	
167	5.5	GRD	
168	24.7	GRD	
169	3.55	GRD	
170	18.4	GRD	
171	19.3	GRD	
172	24.3	GRD	
173	18.5	GRD	
174	0.512	GRD	
175	17.6	GRD	
176	19.4	GRD	
177	22.3	GRD	
178	18.4	GRD	
179	19.9	GRD	
180	5.27	GRD	
181	6.33	GRD	
182	19.8	GRD	
183	30.9	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
184	22.1	GRD	
185	13.9	GRD	
186	0.359	GRD	
187	5.21	GRD	
188	10.6	GRD	
189	9.8	GRD	
190	10.4	GRD	
191	19.3	GRD	
192	0.524	GRD	
193	0.411	GRD	
194	1.36	GRD	
195	3.94	GRD	
196	36.2	GRD	
197	27.2	GRD	
198	32.2	GRD	
199	28.7	GRD	
200	29.2	GRD	
201	12.6	GRD	
202	26.3	GRD	
203	24.6	GRD	
204	29.5	GRD	
205	20.3	GRD	
206	26.9	GRD	
207	22.4	GRD	
208	22.1	GRD	
209	1.81	GRD	
210	0.32	GRD	
211	18.9	GRD	
212	2.18	GRD	
213	15.3	GRD	
214	6.78	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
215	30.2	GRD	
216	5.7	GRD	
217	0.991	GRD	
218	0.497	GRD	
219	0.297	GRD	
220	1.16	GRD	
221	0.624	GRD	
222	1.2	GRD	
223	4.98	GRD	
224	12.9	GRD	
225	0.873	GRD	
226	5.52	GRD	
227	24.9	GRD	
228	28	GRD	
229	1.45	GRD	
230	4.06	GRD	
231	3.12	GRD	
232	5.06	GRD	
233	0.205	GRD	
234	0.106	GRD	
235	0.275	GRD	
236	3.45	GRD	
237	6.5	GRD	
238	22.9	GRD	
239	20.3	GRD	
240	20.6	GRD	
241	4.75	GRD	
242	1.71	GRD	
243	12.1	GRD	
244	8	GRD	
245	0.28	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
246	0.429	QFP	
247	0.262	QFP	
248	0.363	QFP	
249	0.283	QFP	
250	0.385	BXA	
251	0.391	GRD	
252	0.489	GRD	
253	0.128	BXA	
253	0.128	GRD	
254	0.269	GRD	
255	0.296	GRD	
256	0.199	GRD	
257	0.195	GRD	
258	0.314	GRD	
259	0.257	GRD	
260	0.333	GRD	
261	0.35	GRD	
262	0.376	QFP	
263	0.521	QFP	
264	0.477	QFP	
265	0.246	QFP	
266	0.292	QFP	
267	0.292	QFP	
268	0.347	GRD	
269	0.624	GRD	
270	0.271	GRD	
271	0.213	GRD	
272	0.24	GRD	
273	0.209	GRD	
274	0.297	GRD	
275	4.84	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
276	1.57	GRD	
277	0.712	GRD	
278	0.195	GRD	
279	0.29	GRD	
280	0.686	GRD	
281	13.4	GRD	
282	0.767	GRD	
283	0.347	GRD	
284	0.271	GRD	
285	1.19	GRD	
286	5.35	GRD	
287	0.274	GRD	
288	0.389	GRD	
289	14.2	GRD	
290	7.82	GRD	
291	0.53	GRD	
292	0.45	QFP	
293	0.614	QFP	
294	0.615	GRD	
295	0.338	GRD	
296	0.232	GRD	
297	0.136	GRD	
298	0.442	GRD	
299	0.93	GRD	
300	0.932	GRD	
301	0.243	GRD	
302	0.36	GRD	
303	0.255	QFP	
304	0.341	QFP	
305	0.295	GRD	
306	0.433	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
307	0.577	GRD	
308	1.45	GRD	
309	0.292	GRD	
310	0.187	QFP	
311	0.862	QFP	
312	0.196	QFP	
313	0.501	QFP	
314	0.482	QFP	
315	1.78	GRD	
316	0.235	GRD	
317	0.556	GRD	
318	7.04	GRD	
319	0.339	GRD	
320	0.455	GRD	
321	28.8	GRD	
322	0.484	GRD	
323	6.4	GRD	
324	2.71	GRD	
325	0.397	GRD	
326	0.266	GRD	
327	1.8	GRD	
328	18.4	GRD	
329	0.34	GRD	
330	0.357	GRD	
331	0.151	GRD	
332	0.214	GRD	
333	0.19	GRD	
334	0.75	GRD	
335	3.1	GRD	
336	3.93	GRD	
337	2.24	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
338	0.246	GRD	
339	17.7	GRD	
340	22.5	GRD	
341	19.4	GRD	
342	38.3	GRD	
343	0.518	GRD	
344	11.3	GRD	
345	0.196	GRD	
346	6.79	GRD	
347	6.02	GRD	
348	0.471	GRD	
349	31	GRD	
350	22.3	GRD	
351	21.6	GRD	
352	21.7	GRD	
353	20.4	GRD	
354	18.8	GRD	
355	20.8	GRD	
356	6.23	GRD	
357	0.473	GRD	
358	30.4	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382176	6889841	1367.86	99.67

ZONE: Central BRX

SECTION:

HOLE: KL-14-194

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Jul 31 - Aug 01, 2014

Geology Logged By: H. Friday

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	35.8	-50.2	Reflex
99.66	38	-50.3	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	-?-
1.52	53.95	52.43	GRD
53.95	63.23	9.28	GRD
63.23	63.95	0.72	VEN
63.95	72.75	8.8	QFP
72.75	73.65	0.9	VEN
73.65	99.67	26.02	GRD

SAMPLES	
Numbers:	Q927821 to Q927824, Q934051 to Q934074
Total:	34
Batch:	118, 119
Certificates:	WH14117462, WH14118405

COMMENTS

Box Log

KL-14-194

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	6.03
2	6.03	10.15
3	10.15	14.22
4	14.22	18.35
5	18.35	22.6
6	22.6	26.82
7	26.82	31
8	31	35
9	35	38.92
10	38.92	43.08
11	43.08	47.63
12	47.63	51.75
13	51.75	55.91
14	55.91	60.24
15	60.24	64.41
16	64.41	68.46
17	68.46	72
18	72	76.64
19	76.64	81.03
20	81.03	85.25
21	85.25	89.32
22	89.32	93.48
23	93.48	97.43
24	97.43	99.67

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-194									
	63.73	11.1	HQ	VEN	778.2	554.5	2.4	3.5	Smoky quartz-ankerite-calcite vein with blebby pyrite, sphalerite, galena, arsenopyrite and disseminated jamesonite.
	64.08	13.2	HQ	QFP	734	468.6	1.9	2.8	Intense silicification quartz feldspar dyke with abundant calcite stringers with weak oxidation along fracture surfaces.
	72.97		HQ	VEN	124.4		3.55		Smoky, milky, clear quartz-carbonate vein with semi-massive pyrite cut by arsenopyrite bearing quartz stringers plus blebby sphalerite and
	73.57	8	HQ	VEN	439.4	277.4	1.88	2.7	Smoky quartz breccia with clasts of quartz feldspar dyke and mineralized vein hosting blebby galena, sphalerite, pyrite and disseminated pyrite.
	94.08	11.6	HQ	GRD	656	426.7	1.94	2.9	2 (1cm and 1.5 cm) Quartz-ankerite-calcite veins with blebby sphalerite, pyrite, galena in strong phyllic, moderate propalytic altered granodiorite with moderate silicification.

KL-14-194

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	31.00	29.48	GRD	MG	Granodiorite with weak to strong (moderate strong 1.5m to 14m) oxidation. Weak chloritization and trace pottassic. Patchy weak to moderate argillic alteration. Oxidation strongest on fracture surfaces.							
						MD	GY		CHL	2I		
									POT	1I		
									OXI	3I		
									SIL	3I		
31.00	43.08	12.08	GRD	MG	Granodiorite with weak to moderate phyllic + (sometimes) weak propalytic overprint alteration halos about quartz carbonate veinlets and veins. Weak oxidation on fracture surfaces.							
						MD	GY		PHC	3I		
						MD	GN		PRO	2I		
									SIL	3I		
43.08	45.84	2.76	GRD	MG	Moderate argillic altered granodiorite with trace to weak phyllic, weak pottassic overprint and moderate silicification. Weak oxidation on fracture surfaces.							
						MD	GN		ARG	3I		
									PHC	1I		
									POT	2I		
									SIL	3I		
45.84	53.95	8.11	GRD	MG	Granodiorite with weak to strong (moderate strong 1.5m to 14m) oxidation. Weak chloritization and trace pottassic. Patchy weak to moderate argillic alteration. Oxidation strongest on fracture surfaces.							
						MD	GY		CHL	2I		
									OXI	2I		
									POT	1I		
									SIL	3I		
53.95	56.70	2.75	GRD	MG	Moderate to strong phyllic altered granodiorite with patchy weak propalytic overprint and moderate silicification. Alteration strongest proximal to quartz-carbonate veinlets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		
									PRO	2I		
									SIL	3I		
56.70	58.95	2.25	GRD	MG	Moderate argillic altered granodiorite with trace to weak phyllic, weak pottassic overprint and moderate silicifciation. Weak oxidation on fracture surfaces.							
						LT	GN		ARG	3I		
									PHC	1I		
									POT	2I		
									SIL	3I		
58.95	63.23	4.28	GRD	MG	Moderate to strong phyllic altered granodiorite with patchy weak propalytic overprint and moderate silicification. Alteration strongest proximal to quartz-carbonate veinlets. Plus patchy weak chloritization and patch of moderate argillic, weak pottassic alteration.							
						LT	GN		PHC	3I		
									SIL	3I		
									ARG	3I		
									CHL	2I		
									POT	2I		
									PRO	2I		
63.23	63.95	0.72	GRD	MG	Smoky, milky, clear quartz-ankerite-calcite vein with blebby pyrite, sphalerite (honey brown and blackjack), galena, arsenopyrite and disseminated jamesonite. Weak oxidation on fracture surfaces.							
									OXI	2I	Py	20
											As	7
											Gn	4
											Sp	12
											Jm	0.5
63.95	64.41	0.46	QFP	FG	Intensely silicified quartz feldspar dyke with abundant calcite stringers. Weak pervasive oxidation along stringers.							
						LT	WH		SIL	5I		
64.41	67.20	2.79	QFP	MG	Quartz dyke with trace to weak gouge alteration and calcite stringers.							
						MD	MR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
67.20	68.10	0.90	QFP	MG	Quartz dyke with trace to weak gouge alteration and calcite stringers.							
						MD	GN					
68.10	69.90	1.80	QFP	MG	Quartz dyke with trace to weak gouge alteration and calcite stringers.							
						MD	MR					
69.90	70.25	0.35	QFP	MG	Quartz dyke with trace to strong gouge alteration and calcite stringers.							
						MD	MR		CLY	4I		
70.25	72.40	2.15	QFP	MG	Quartz dyke with moderate gouge alteration and calcite stringers.							
						MD	MR		CLY	3I		
72.40	72.75	0.35	QFP	MG	Quartz dyke with intense gouge alteration and a intensely gouge altered smoky quartz.							
						MD	GN		CLY	5I		
72.75	73.65	0.90	VEN	MG	Smoky, milky quartz-calcite-vein with semi-massive pyrite cut by abundant arsenopyrite bearing quartz stringers and hosting blebby galena. 20 centimeter smoky quartz breccia with mineralized matrix and clasts of dyke and mineralized vein. Upper contact intensely gouge altered (angle undeterminable). Lower contact with granodiorite 60 degrees and brecciated.							
											Py	45
											As	5
											Gn	0.1
											Sp	0.5
73.65	99.67	26.02	GRD	MG	Trace to weak potassic altered granodiorite with weak chloritization and moderate to strong silicification. Patchy weak to moderate phyllic and propylitic alteration halos around veins and veinlets and patches of weak to moderate argillic alteration. Patches weak hematization near fracture surfaces.							
									HEM	2I		
									CHL	2I		
									POT	2I		
									PHC	3I		
									PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	3I		

KL-14-194

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	53.95	52.43	GRD	MG	Granodiorite with weak to strong (moderate strong 1.5m to 14m) oxidation. Weak chloritization and trace pottassic. Patchy weak to moderate argillic alteration. Oxidation strongest on fracture surfaces.							
						MD	GY		CHL	2I		
									SIL	3I		
									OXI	3I		
									POT	1I		
53.95	63.23	9.28	GRD	MG	Moderate to strong phyllic altered granodiorite with patchy weak propylitic overprint and moderate silicification. Alteration strongest proximal to quartz-carbonate veinlets.							
									SIL	3I		
									PRO	2I		
						MD	GN		PHC	3I		
63.23	63.95	0.72	VEN	MG	Smoky, milky, clear quartz-ankerite-calcite vein with blebby pyrite, sphalerite (honey brown and blackjack), galena, arsenopyrite and disseminated jamesonite. Weak oxidation on fracture surfaces.							
									OXI	2I	Py	20
											As	7
											Gn	4
											Sp	12
											Jm	0.5
63.95	72.75	8.80	QFP	MG	Quartz dyke with trace to weak gouge alteration and calcite stringers. Vein contact is 60 degrees and brecciated.							
						LT	GN		CLY	2I		
72.75	73.65	0.90	VEN	MG	Smoky, milky quartz-calcite-vein with semi-massive pyrite cut by abundant arsenopyrite bearing quartz stringers and hosting blebby galena. 20 centimeter smoky quartz breccia with mineralized matrix and clasts of dyke and mineralized vein. Upper contact intensely gouge altered (angle undeterminable). Lower contact with granodiorite 60 degrees and brecciated.							
											Sp	0.5
											Py	45

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											As	5
											Gn	0.1
73.65	99.67	26.02	GRD	MG	Trace to weak potassic altered granodiorite with weak chloritization and moderate to strong silicification. Patchy weak to moderate phyllic and propylitic alteration halos around veins and veinlets and patches of weak to moderate argillic alteration. Patches weak hematization near fracture surfaces.							
									CHL	2I		
									HEM	2I		
									ARG	3I		
									PRO	3I		
									PHC	3I		
									POT	2I		

KL-14-194

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	Casing
1.52	5.18	3.66	1.92	52	0.22	6	--	1H	4W	
5.18	8.23	3.05	2.53	83	1.00	33	--	3H	3W	
8.23	11.28	3.05	2.43	80	0.60	20	--	3H	3W	
11.28	14.33	3.05	2.22	73	0.65	21	--	2H	3W	
14.33	17.37	3.04	2.94	97	2.16	71	--	3H	3W	
17.37	20.42	3.05	2.61	86	1.86	61	--	4H	2W	
20.42	23.47	3.05	2.92	96	2.02	66	--	4H	2W	
23.47	26.52	3.05	3.05	100	1.97	65	--	4H	2W	
26.52	29.57	3.05	3	98	2.31	76	--	4H	2W	
29.57	32.61	3.04	2.89	95	2.46	81	--	3H	2W	
32.61	35.66	3.05	2.58	85	1.35	44	--	3H	2W	
35.66	38.71	3.05	2.82	92	1.50	49	--	4H	3W	
38.71	41.76	3.05	3.05	100	2.45	80	--	4H	2W	
41.76	44.81	3.05	2.8	92	2.16	71	--	2H	2W	
44.81	47.85	3.04	2.74	90	1.39	46	--	4H	2W	
47.85	50.90	3.05	2.94	96	1.99	65	--	4H	2W	
50.90	53.95	3.05	2.77	91	1.38	45	--	4H	2W	
53.95	57.00	3.05	3.05	100	2.18	71	--	3H	1W	
57.00	60.05	3.05	2.84	93	2.14	70	--	3H	1W	
60.05	63.09	3.04	3.04	100	2.43	80	--	3H	1W	
63.09	66.14	3.05	2.75	90	0.79	26	--	4H	2W	
66.14	69.19	3.05	2.91	95	1.53	50	--	3H	1W	
69.19	72.24	3.05	2.41	79	0.38	12	--	3H	1W	
72.24	75.29	3.05	2.87	94	1.30	43	--	3H	1W	
75.29	78.33	3.04	3.04	100	2.17	71	--	3H	1W	
78.33	81.38	3.05	2.9	95	2.29	75	--	3H	1W	
81.38	84.43	3.05	2.9	95	2.10	69	--	3H	1W	
84.43	87.48	3.05	2.77	91	1.53	50	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.94	96	2.38	78	--	3H	1W	
90.53	93.57	3.04	2.88	95	2.26	74	--	4H	1W	
93.57	96.62	3.05	2.95	97	1.61	53	--	4H	1W	
96.62	99.67	3.05	1.98	65	1.25	41	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	17.9	-?-	
2	12	GRD	
3	3.53	GRD	
4	5.72	GRD	
5	0.809	GRD	
6	2.7	GRD	
7	0.09	GRD	
8	0.155	GRD	
9	1.54	GRD	
10	6.57	GRD	
11	1.01	GRD	
12	13.4	GRD	
13	7.58	GRD	
14	9	GRD	
15	19.5	GRD	
16	19	GRD	
17	17.2	GRD	
18	18.7	GRD	
19	15.1	GRD	
20	16.2	GRD	
21	7.98	GRD	
22	20.4	GRD	
23	22	GRD	
24	17.2	GRD	
25	16.8	GRD	
26	19.7	GRD	
27	14.2	GRD	
28	14.2	GRD	
29	0.248	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
30	5.48	GRD	
31	12.5	GRD	
32	0.281	GRD	
33	19.7	GRD	
34	15.2	GRD	
36	0.427	GRD	
37	1.17	GRD	
38	14.6	GRD	
39	6.86	GRD	
40	19	GRD	
41	15.5	GRD	
42	15.7	GRD	
43	0.697	GRD	
44	0.663	GRD	
45	0.791	GRD	
46	11.8	GRD	
47	21.1	GRD	
48	12.7	GRD	
49	12.2	GRD	
50	16.3	GRD	
51	19	GRD	
52	12.6	GRD	
53	0.399	GRD	
54	0.928	GRD	
55	0.28	GRD	
56	0.483	GRD	
57	1.11	GRD	
58	0.74	GRD	
59	0.473	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	0.344	GRD	
61	0.953	GRD	
62	0.459	GRD	
63	0.193	GRD	
64	0.889	QFP	
65	0.296	QFP	
66	0.341	QFP	
67	0.601	QFP	
68	0.429	QFP	
69	0.324	QFP	
70	0.426	QFP	
71	0.778	QFP	
72	0.445	QFP	
73	0.848	VEN	
74	0.329	GRD	
75	0.635	GRD	
76	12.1	GRD	
77	8.58	GRD	
78	8.16	GRD	
79	6.68	GRD	
80	0.596	GRD	
81	0.413	GRD	
82	0.605	GRD	
83	0.555	GRD	
84	0.678	GRD	
85	0.685	GRD	
86	14	GRD	
87	0.688	GRD	
88	19	GRD	
89	12.6	GRD	
90	0.456	GRD	
91	0.626	GRD	
92	10.7	GRD	
93	9.09	GRD	
94	0.797	GRD	
95	5.22	GRD	
96	16.8	GRD	
97	19.6	GRD	
98	7.66	GRD	
99	11.1	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381798	6889897	1316.96	233.78

ZONE: Western BRX

SECTION:

HOLE: KL-14-195

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Aug 01 - Aug 03, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	13.6	-80.6	Reflex
233.78	38.8	-49.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.98	3.98	CAS
3.98	8.23	4.25	GRD
8.23	62.68	54.45	GRD
62.68	135	72.32	GRD
135	144.25	9.25	GRD
144.25	149.06	4.81	GRD
149.06	159.1	10.04	GRD
159.1	172.32	13.22	GRD
172.32	177.5	5.18	GRD
177.5	199.44	21.94	GRD
199.44	202.54	3.1	GRD
202.54	204.74	2.2	GRD
204.74	214.95	10.21	QFP
214.95	219.18	4.23	GRD
219.18	226.91	7.73	GRD
226.91	231.28	4.37	GRD

SAMPLES	
Numbers:	Q926519 to Q926578, Q927848 to Q927852
Total:	70
Batch:	120, 126, 130
Certificates:	WH14115508, WH14117463, WH14120286, WH14127064

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

231.28	233.78	2.5	GRD

Box Log

KL-14-195

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.98	7.89
2	7.89	11.28
3	11.28	14.33
4	14.33	17.53
5	17.53	20.58
6	20.58	23.6
7	23.6	26.72
8	26.72	29.88
9	29.88	32.61
10	32.61	35.66
11	35.66	38.58
12	38.58	41.57
13	41.57	44.5
14	44.5	47.11
15	47.11	49.65
16	49.65	52.73
17	52.73	55.39
18	55.39	58.37
19	58.37	61.22
20	61.22	65.37
21	65.37	68.1
22	68.1	72.15
23	72.15	75.08
24	75.08	77.81
25	77.81	80.73
26	80.73	83.44
27	83.44	86.16
28	86.16	89.1
29	89.1	91.77
30	91.77	94.59
31	94.59	97.55
32	97.55	100.42
33	100.42	103.37
34	103.37	106.4
35	106.4	109.52
36	109.52	112.38
37	112.38	115.34
38	115.34	117.96
39	117.96	121.92
40	121.92	125.65
41	125.65	129.1
42	129.1	131.75
43	131.75	135.35
44	135.35	138.24
45	138.24	141.82
46	141.82	145.39
47	145.39	149.06
48	149.06	153.15
49	153.15	157.32
50	157.32	161.06
51	161.06	165.12
52	165.12	169.13
53	169.13	173.1
54	173.1	177.13
55	177.13	181.05
56	181.05	185.23
57	185.23	189.27
58	189.27	193.22
59	193.22	197.21
60	197.21	201.4
61	201.4	205.56
62	205.56	209.33
63	209.33	213.13
64	213.13	216.93
65	216.93	220.89
66	220.89	225.47
67	225.47	226.36
68	226.36	229.63
69	229.63	232.38
70	232.38	233.78

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-195									
	151.39	8.6	HQ	GRD	639.6	390	2.54	2.6	Strong phyllic altered granodiorite with weak clay gouge altered. Pyrite is disseminated and blebby.
	158.56	4.8	HQ	GRD	1236.1	809	8.81	2.9	Smoky quartz vein cutting phyllic altered granodiorite. Vein hosts pyrite, arsenopyrite and blackjack sphalerite.
	165.43	13.1	HQ	GRD	1139.5	724.1	2.98	2.7	Moderate phyllic altered granodiorite with moderate propalytic overprint and moderate silicification. Cut by 5 degree 0.5 centimeter veinlets calcite and chlorite.
	202.99	8.8	HQ	GRD	770.9	500	3	2.9	Intense phyllic altered granodiorite with strong silicification and weak clay alteration. Cut by 1.8 centimeter offset milky quartz vein hosting blebby pyrite and offset 2nd generation smoky quartz stringers.
	215.39		HQ	GRD	1034.3		3.69		7 centimeter intense phyllic altered granodiorite with strong silicification hosting disseminated pyrite and cut by milky quartz veinlet with disseminated pyrite. 4 centimeter banded smoky quartz vein with bands pyrite, sphalerite (honey brown), galena, milky quartz.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	216.46		HQ	GRD	748.8		3.74		milky quartz vein with blebby ankerite and blebby to semi-massive pyrite.
	227.69	13.4	HQ	GRD	1179.2	764	3.01	2.8	Moderate to strong phyllic altered granodiorite with moderate to strong propalytic overprint and moderate silicification hosting 0.4 centimeter blebby, discontinuous, ankerite veinlets (4) with blebby pyrite and 2 smoky quartz-ankerite veinlets with blebby pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.98	8.23	4.25	GRD	MG	Extremely rubbly hematized and chloritized altered granodiorite.							
						MD	GY		HEM	4I		
						DK	GN		CHL	3I		
						DK	RD					
8.23	23.15	14.92	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified. Moderate hematite staining and oxidation along fracture surfaces.							
						MD	GY		POT	2I		
						MD	PK		SIL	3I		
						MD	OR		HEM	3I		
						DK	RD		OXI	3I		
						DK	GN		PRO	2I		
23.15	26.20	3.05	GRD	MG	Pervasive strongly oxidized moderately phyllic altered granodiorite with patchy argillic alteration. Oxidation obliterates rock textures.							
						MD	OR	PA	OXI	4I		
						MD	GN		SIL	3I		
									ARG	3I		
26.20	41.43	15.23	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified. Moderate hematite staining and oxidation along fracture surfaces.							
						MD	GY		POT	2I		
						MD	PK		SIL	3I		
						MD	OR		HEM	3I		
						DK	GN		PRO	2I		
						DK	RD		OXI	3I		
41.43	43.40	1.97	GRD	MG	Moderately oxidized moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate/pyrite veins.							
						MD	OR		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		OXI	3I		
43.40	49.43	6.03	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified. Moderate hematite staining and oxidation along fracture surfaces.							
						MD	GY		POT	2I		
						MD	PK		SIL	3I		
						MD	OR		HEM	3I		
						DK	GN		PRO	2I		
						DK	RD		OXI	3I		
49.43	55.98	6.55	GRD	MG	Alternating patches of weak potassic/propyllitic overprinted argillic alteration moderately silicified phyllic alteration and moderate potassic propyllitic alteration.							
						MD	PK	PA	SIL	3I		
						LT	WH		PRO	2I		
						LT	GN		ARG	2I		
						DK	GN		POT	2I		
55.98	62.68	6.70	GRD	MG	Alternating patches of moderately silicified weak potassic/propyllitic alteration and moderately silicified strong potassic/weak phyllic alteration.							
						MD	PK	PA	SIL	3I		
						MD	GY		POT	4I		
						LT	PK		POT	2I		
						LT	GN		PRO	2I		
62.68	79.20	16.52	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. Small patches of weak argillic alteration.							
						MD	PK		ARG	2I		
						MD	GY		POT	2I		
						LT	WH		SIL	3I		
						DK	GN		PRO	2I		
79.20	84.33	5.13	GRD	MG	Alternating patches of moderately silicified propyllitic alteration, weak propyllitic/potassic alteration and moderately silicified phyllic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PA	SIL	3I		
						MD	PK		POT	2I		
						LT	GN		PRO	3I		
						DK	GN		PRO	2I		
									PHC	2I		
84.33	93.57	9.24	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. Small patches of weak argillic alteration. Interval is fractured and rubbly.							
						MD	GY	RB	POT	2I		
						MD	PK		ARG	2I		
						LT	WH	FR	SIL	3I		
						DK	GN		PRO	2I		
93.57	98.31	4.74	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. Small patches of weak argillic alteration.							
						MD	GY		POT	2I		
						MD	PK		ARG	2I		
						LT	WH		SIL	3I		
						DK	GN		PRO	2I		
98.31	99.20	0.89	GRD	MG	Patchy silicified phyllic and propyllitic granodiorite. Hosts two quartz veins.							
						LT	GY	PA	SIL	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
99.20	113.20	14.00	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. Small patches of weak argillic alteration.							
						MD	PK		ARG	2I		
						MD	GY		POT	2I		
						LT	WH		SIL	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
113.20	117.76	4.56	GRD	MG	Alternating patches of weak potassic/propyllitic overprinted argillic alteration, moderately silicified potassic/propyllitic alteration and moderately silicified phyllic alteration.							
						MD	PK		PRO	2I		
						LT	GN	PA	SIL	3I		
						LT	WH		PRO	3I		
						DK	GN		PHC	3I		
									POT	3I		
									POT	2I		
									ARG	3I		
117.76	131.60	13.84	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. Small patches of weak argillic alteration. Weak patchy hematization along fracture surfaces.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						LT	WH		HEM	2I		
						DK	GN		POT	2I		
									ARG	2I		
131.60	135.00	3.40	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. Small patches of weak argillic alteration. Very rubbly.							
						MD	GY		POT	2I		
						MD	PK		ARG	2I		
						LT	WH	RB	SIL	3I		
						DK	GN		PRO	2I		
135.00	144.25	9.25	GRD	MG	Weak potassic/propyllitic overprinted argillic altered granodiorite with patches of moderate potassic/propyllitic alteration and moderate phyllic alteration.							
						MD	GN	PA	SIL	3I		
						MD	PK		ARG	3I		
						LT	WH		POT	2I		
						LT	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	3I		
									PHC	3I		
									PRO	3I		
144.25	149.06	4.81	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak argillic alteration.							
						LT	GN	PA	SIL	3I		
						LT	GY		PHC	3I		
						LT	WH		ARG	2I		
149.06	159.10	10.04	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak gouge alteration. Weakly gouge altered with patches of strong gouge alteration.							
						LT	GN	PA	SIL	3I		
						LT	GY		PHC	3I		
						LT	WH		ARG	2I		
159.10	172.32	13.22	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak to moderate argillic alteration and moderate propyllitic alteration.							
						LT	GY		PHC	3I		
						LT	WH		ARG	2I		
						LT	GN		SIL	3I		
									PRO	3I		
									ARG	3I		
172.32	176.30	3.98	GRD	MG	Moderate-strong potassic moderate propyllitic overprinted argillic alteration with small phyllic envelopes around carbonate veinlets.							
						MD	PK		PRO	3I		
						LT	WH		POT	3I		
						DK	GN		ARG	3I		
									POT	4I		
176.30	176.86	0.56	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
176.86	177.50	0.64	GRD	MG	Moderate-strong potassic moderate propyllitic overprinted argillic alteration with small phyllic envelopes around carbonate veinlets.							
						MD	PK		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		POT	3I		
						DK	GN		ARG	3I		
									POT	4I		
177.50	187.51	10.01	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small to medium phyllic envelopes around carbonate +/- quartz veins/veinlets.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
187.51	187.76	0.25	GRD	MG	Moderate phyllic envelope around a quartz/carbonate/sulphide vein.							
						LT	GN	EN	PHC	3I		
187.76	190.26	2.50	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small to medium phyllic envelopes around carbonate +/- quartz veins/veinlets.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
190.26	190.44	0.18	GRD	MG	Moderate phyllic envelope around a quartz/carbonate/sulphide vein.							
						LT	GN	EN	PHC	3I		
190.44	192.15	1.71	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small to medium phyllic envelopes around carbonate +/- quartz veins/veinlets.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
192.15	194.82	2.67	GRD	MG	Moderately silicifed phyllic envelope around a quartz/carbonate/sulphide vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
194.82	199.44	4.62	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small to medium phyllic envelopes around carbonate +/- quartz veins/veinlets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
199.44	202.54	3.10	GRD	MG	Weak to moderate gouge altered silicified phyllic altered granodiorite.							
						LT	GY		SIL	3I		
						LT	GN		PHC	3I		
202.54	204.74	2.20	GRD	MG	Weakly gouge altered strong phyllic moderately silicified granodiorite hosting disseminated pyrite and multiple quartz/sulphide veins.							
						MD	GN		PHC	4I		
						LT	GY		SIL	3I	Py	1
204.74	207.86	3.12	QFP	FG	Tan quartz feldspar porphyry dyke with patches of dark red alteration. Partially gouge altered, hosts multiple randomly oriented white carbonate stringers.							
						MD	TN	PO				
						DK	RD					
207.86	212.41	4.55	QFP	FG	Orange/grey quartz feldspar porphyry dyke. Upper contact is gouge altered, no angle. Lower contact is gouge altered and oriented at 60 TCA.							
						MD	OR	PO				
						MD	GY					
212.41	214.95	2.54	QFP	FG	Medium grey/green quartz feldspar porphyry dyke. Strongly silicified.							
						MD	GY	PO	SIL	4I		
						MD	GN					
214.95	219.18	4.23	GRD	MG	Weakly gouge altered strong phyllic moderately silicified granodiorite hosting disseminated pyrite and multiple quartz/sulphide veins. BRX vein is dispersed due to proximity to the fault.							
						MD	GN		PHC	4I		
						LT	GY		SIL	3I	Py	1
219.18	226.91	7.73	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration and moderately silicified weak potassic/propyllitic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PHC	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		POT	2I		
						DK	GN		PRO	2I		
									ARG	2I		
226.91	231.28	4.37	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy moderate propyllitic alteration. Hosts an abundance of carbonate +/- quartz veins/veinlets.							
						LT	GN		PHC	3I		
						DK	GN		SIL	3I		
									PRO	2I		
231.28	233.78	2.50	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.98	8.23	4.25	GRD	MG	Extremely rubbly hematized and chloritized altered granodiorite.							
						DK	GN					
						DK	RD	FR	CHL	3I		
						MD	GY	RB	HEM	4I		
8.23	62.68	54.45	GRD	MG	Trace to weakly potassic/propyllitic altered granodiorite. Moderately silicified. Moderate hematite staining and oxidation along fracture surfaces. Hematite staining and oxidation intensities decrease with depth.							
						MD	OR		HEM	3I		
						MD	PK		SIL	3I		
						DK	GN		PRO	2I		
						MD	GY		POT	2I		
						DK	RD		OXI	3I		
62.68	135.00	72.32	GRD	MG	Moderately silicified trace to weak potassic/propyllitic altered granodiorite. Small patches of weak argillic alteration.							
						DK	GN		PRO	2I		
						MD	GY		POT	2I		
						LT	WH	PA	SIL	3I		
						MD	PK		ARG	2I		
135.00	144.25	9.25	GRD	MG	Weak potassic/propyllitic overprinted argillic altered granodiorite with patches of moderate potassic/propyllitic alteration and moderate phyllic alteration.							
						LT	WH		POT	2I		
									PHC	3I		
									POT	3I		
						LT	GN		PRO	2I		
						MD	PK		ARG	3I		
						MD	GN	PA	SIL	3I		
									PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
144.25	149.06	4.81	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak argillic alteration.							
						LT	GY		PHC	3I		
						LT	WH		ARG	2I		
						LT	GN	PA	SIL	3I		
149.06	159.10	10.04	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak gouge alteration. Weakly gouge altered with patches of strong gouge alteration.							
						LT	WH		ARG	2I		
						LT	GY		PHC	3I		
						LT	GN	PA	SIL	3I		
159.10	172.32	13.22	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak to moderate argillic alteration and moderate propyllitic alteration.							
						LT	GN	PA	SIL	3I		
						LT	GY		PHC	3I		
						LT	WH		ARG	2I		
									ARG	3I		
									PRO	3I		
172.32	177.50	5.18	GRD	MG	Moderate-strong potassic moderate propyllitic overprinted argillic alteration with small phyllic envelopes around carbonate veinlets.							
						LT	WH		POT	3I		
									POT	4I		
						DK	GN		ARG	3I		
						MD	PK		PRO	3I		
177.50	199.44	21.94	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small to medium phyllic envelopes around carbonate +/- quartz veins/veinlets.							
						MD	GY	EN	SIL	3I		
						DK	GN		POT	2I		
						MD	PK		PRO	2I		
199.44	202.54	3.10	GRD	MG	Weak to moderate gouge altered silicified phyllic altered granodiorite.							
						LT	GY		SIL	3I		
						LT	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
202.54	204.74	2.20	GRD	MG	Weakly gouge altered strong phyllic moderately silicified granodiorite hosting disseminated pyrite and multiple quartz/sulphide veins.							
						LT	GY		SIL	3I	Py	1
						MD	GN		PHC	4I		
204.74	214.95	10.21	QFP	FG	Tan, dark red, grey/orange, grey/green quartz feldspar porphyry dyke.							
						MD	OR					
						MD	GN					
						DK	RD					
						MD	TN	PO				
						MD	GY					
214.95	219.18	4.23	GRD	MG	Weakly gouge altered strong phyllic moderately silicified granodiorite hosting disseminated pyrite and multiple quartz/sulphide veins. BRX vein is dispersed due to proximity to the fault.							
						MD	GN		PHC	4I		
						LT	GY		SIL	3I	Py	1
219.18	226.91	7.73	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration and moderately silicified weak potassic/propyllitic alteration.							
						LT	GN	PA	SIL	3I		
						MD	PK		PHC	3I		
						DK	GN		PRO	2I		
						LT	WH		POT	2I		
									ARG	2I		
226.91	231.28	4.37	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy moderate propyllitic alteration. Hosts an abundance of carbonate +/- quartz veins/veinlets.							
									PRO	2I		
						LT	GN		PHC	3I		
						DK	GN		SIL	3I		
231.28	233.78	2.50	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite.							
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		

KL-14-195

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.98	3.98	0	0	0.00	0	--	--	--	casing
3.98	8.23	4.25	2.94	69	0.36	8	--	4H	2W	
8.23	11.28	3.05	2	66	0.14	5	--	4H	2W	
11.28	14.33	3.05	2.92	96	0.80	26	--	4H	2W	
14.33	17.37	3.04	2.43	80	0.79	26	--	4H	2W	
17.37	20.42	3.05	2.98	98	2.07	68	--	4H	2W	
20.42	23.47	3.05	3.05	100	2.55	84	--	4H	2W	
23.47	26.52	3.05	2.94	96	1.93	63	--	3H	2W	
26.52	29.57	3.05	3	98	2.04	67	--	4H	2W	
29.57	32.61	3.04	3.04	100	2.31	76	--	4H	2W	
32.61	35.66	3.05	3.05	100	0.90	30	--	4H	2W	
35.66	38.71	3.05	2.97	97	1.35	44	--	4H	2W	
38.71	41.76	3.05	2.98	98	1.75	57	--	3H	1W	
41.76	44.81	3.05	2.8	92	1.87	61	--	3H	2W	
44.81	47.85	3.04	3.04	100	1.64	54	--	4H	2W	
47.85	50.90	3.05	2.98	98	1.18	39	--	4H	2W	
50.90	53.95	3.05	2.85	93	2.32	76	--	4H	2W	
53.95	57.00	3.05	3.05	100	1.98	65	--	4H	1W	
57.00	60.05	3.05	2.75	90	1.49	49	--	4H	1W	
60.05	63.09	3.04	2.57	85	0.69	23	--	4H	1W	
63.09	66.14	3.05	1.17	38	0.80	26	--	4H	1W	
66.14	69.19	3.05	2.55	84	0.93	30	--	4H	1W	
69.19	72.24	3.05	2.5	82	0.90	30	--	4H	1W	
72.24	75.29	3.05	3.05	100	1.79	59	--	4H	1W	
75.29	78.33	3.04	3.04	100	1.01	33	--	4H	1W	
78.33	81.38	3.05	3.05	100	1.66	54	--	4H	1W	
81.38	84.43	3.05	3.05	100	0.36	12	--	4H	1W	Rubbly
84.43	87.48	3.05	2.82	92	0.97	32	--	3H	1W	Rubbly
87.48	90.53	3.05	3.02	99	0.60	20	--	3H	1W	Rubbly

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
90.53	93.57	3.04	2.92	96	0.54	18	--	4H	1W	
93.57	96.62	3.05	2.86	94	1.00	33	--	4H	1W	
96.62	99.67	3.05	3.03	99	2.08	68	--	4H	1W	
99.67	102.72	3.05	2.99	98	1.39	46	--	4H	1W	
102.72	105.77	3.05	2.68	88	1.11	36	--	4H	1W	
105.77	108.81	3.04	3.04	100	1.74	57	--	4H	1W	
108.81	111.86	3.05	3.05	100	1.25	41	--	4H	1W	
111.86	114.91	3.05	2.71	89	1.65	54	--	4H	1W	
114.91	117.96	3.05	3.05	100	1.58	52	--	4H	1W	
117.96	121.01	3.05	2.73	90	1.27	42	--	4H	1W	
121.01	124.05	3.04	3.04	100	1.14	38	--	4H	1W	
124.05	127.10	3.05	2.88	94	0.78	26	--	4H	1W	
127.10	130.15	3.05	3.05	100	1.40	46	--	4H	1W	
130.15	133.20	3.05	2.4	79	0.73	24	--	3H	1W	Very rubbly
133.20	136.25	3.05	2.66	87	0.12	4	--	2H	1W	Very rubbly and fractured
136.25	139.29	3.04	2.75	90	1.13	37	--	3H	1W	
139.29	142.34	3.05	3.05	100	1.68	55	--	3H	1W	
142.34	145.39	3.05	2.83	93	1.94	64	--	3H	4W	
145.39	148.44	3.05	2.78	91	1.63	53	--	3H	1W	
148.44	151.49	3.05	3.05	100	2.56	84	--	3H	1W	all joints very uneven and crumbly.
151.49	154.53	3.04	3.04	100	2.91	96	--	3H	1W	
154.53	157.58	3.05	3.05	100	2.92	96	--	3H	1W	
157.58	160.63	3.05	3	98	2.28	75	--	3H	1W	
160.63	163.68	3.05	3	98	1.92	63	--	3H	1W	
163.68	166.73	3.05	3.01	99	2.62	86	--	3H	1W	
166.73	169.77	3.04	2.9	95	1.60	53	--	3H	1W	
169.77	172.82	3.05	2.96	97	1.92	63	--	3H	1W	
172.82	175.87	3.05	3.05	100	2.50	82	--	3H	1W	
175.87	178.92	3.05	2.91	95	2.06	68	--	3H	1W	
178.92	181.97	3.05	3.05	100	1.14	37	--	3H	1W	
181.97	185.01	3.04	3	99	2.64	87	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
185.01	188.06	3.05	3.03	99	2.25	74	--	4H	1W	
188.06	191.11	3.05	2.95	97	2.42	79	--	3H	1W	
191.11	194.16	3.05	2.95	97	1.71	56	--	3H	1W	
194.16	197.21	3.05	2.82	92	2.58	85	--	3H	1W	
197.21	200.25	3.04	3.04	100	2.46	81	--	3H	1W	
200.25	203.30	3.05	3.05	100	0.90	30	--	2H	1W	Semi-pervasive gouge
203.30	206.35	3.05	2.86	94	0.90	30	--	2H	1W	Semi-pervasive gouge.
206.35	209.40	3.05	2.75	90	1.26	41	--	1H	1W	
209.40	212.45	3.05	2.75	90	1.58	52	--	2H	1W	
212.45	215.49	3.04	2.82	93	1.88	62	--	3H	1W	
215.49	218.54	3.05	2.66	87	0.68	22	--	3H	1W	
218.54	221.59	3.05	2.76	90	0.94	31	--	3H	1W	
221.59	224.64	3.05	2.5	82	0.63	21	--	3H	1W	
224.64	227.69	3.05	2.47	81	0.78	26	--	3H	1W	
227.69	230.73	3.04	3.03	100	2.13	70	--	3H	1W	
230.73	233.78	3.05	3.05	100	2.08	68	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.86	GRD	
6	3.77	GRD	
7	3.78	GRD	
8	9.84	GRD	
9	0.665	GRD	
10	10.5	GRD	
11	16.5	GRD	
12	13.5	GRD	
13	13.5	GRD	
14	19.6	GRD	
15	13.4	GRD	
16	13.8	GRD	
17	5.01	GRD	
18	9.3	GRD	
19	15.4	GRD	
20	14.6	GRD	
21	13	GRD	
22	15.3	GRD	
23	15.7	GRD	
24	0.352	GRD	
25	0.246	GRD	
26	0.387	GRD	
27	12.4	GRD	
28	18.5	GRD	
29	8.5	GRD	
30	7.1	GRD	
31	8.74	GRD	
32	14.4	GRD	
33	12.2	GRD	
34	15.6	GRD	
35	4.62	GRD	
36	1.92	GRD	
37	15.6	GRD	
38	14.9	GRD	
39	0.577	GRD	
40	17.6	GRD	
41	0.569	GRD	
42	0.35	GRD	
43	0.455	GRD	
44	11.7	GRD	
45	14.9	GRD	
46	9.41	GRD	
47	11.3	GRD	
48	0.342	GRD	
49	1.07	GRD	
50	0.486	GRD	
51	0.173	GRD	
52	0.341	GRD	
53	0.353	GRD	
54	0.502	GRD	
55	0.273	GRD	
56	0.52	GRD	
57	0.324	GRD	
58	9.01	GRD	
59	10.1	GRD	
60	0.324	GRD	
61	0.363	GRD	
62	0.343	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	1.2	GRD	
64	0.751	GRD	
65	0.718	GRD	
66	14.9	GRD	
67	18	GRD	
68	16.6	GRD	
69	2.24	GRD	
70	0.291	GRD	
71	0.854	GRD	
72	0.515	GRD	
73	0.558	GRD	
74	16.3	GRD	
75	18.3	GRD	
76	13.6	GRD	
77	14.9	GRD	
78	9.5	GRD	
79	16.9	GRD	
80	15	GRD	
81	0.371	GRD	
82	0.427	GRD	
83	0.715	GRD	
84	10.7	GRD	
85	18.1	GRD	
86	3.22	GRD	
87	15.5	GRD	
88	0.61	GRD	
89	9.48	GRD	
90	4.21	GRD	
91	7.63	GRD	
92	11	GRD	
93	13.3	GRD	
94	10.1	GRD	
95	0.44	GRD	
96	14.3	GRD	
97	17	GRD	
98	0.433	GRD	
99	0.543	GRD	
100	5.07	GRD	
101	0.484	GRD	
102	15.8	GRD	
103	16.3	GRD	
104	0.35	GRD	
105	1.51	GRD	
106	14.4	GRD	
107	16.3	GRD	
108	13.2	GRD	
109	13.9	GRD	
110	7.21	GRD	
111	17	GRD	
112	8.69	GRD	
113	3.69	GRD	
114	0.239	GRD	
115	0.644	GRD	
116	0.649	GRD	
117	0.396	GRD	
118	2.03	GRD	
119	5.15	GRD	
120	4.37	GRD	
121	11.4	GRD	
122	1.62	GRD	
123	0.654	GRD	
124	6.34	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	2.47	GRD	
126	5.33	GRD	
127	8.34	GRD	
128	6.04	GRD	
129	3.22	GRD	
130	0.639	GRD	
131	0.67	GRD	
132	0.531	GRD	
133	0	GRD	
134	13.34	GRD	
135	0.455	GRD	
135	0.455	GRD	
136	0.912	GRD	
137	0.26	GRD	
138	0.318	GRD	
139	0.192	GRD	
140	0.201	GRD	
141	0.177	GRD	
142	0.364	GRD	
143	0.164	GRD	
144	0.193	GRD	
145	0.385	GRD	
146	0.426	GRD	
147	0.435	GRD	
148	0.417	GRD	
149	0.621	GRD	
150	0.313	GRD	
151	0.741	GRD	
152	0.159	GRD	
153	0.325	GRD	
154	0.197	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
155	0.227	GRD	
156	0.107	GRD	
157	0.254	GRD	
158	0.412	GRD	
159	0.277	GRD	
160	0.372	GRD	
161	0.43	GRD	
162	0.56	GRD	
163	0.496	GRD	
164	0.64	GRD	
165	0.405	GRD	
166	0.299	GRD	
167	0.638	GRD	
168	0.325	GRD	
169	0.433	GRD	
170	0.549	GRD	
171	0.387	GRD	
172	0.368	GRD	
173	4.2	GRD	
174	0.614	GRD	
175	0.483	GRD	
176	1.23	GRD	
177	0.454	GRD	
178	0.479	GRD	
179	0.774	GRD	
180	1.06	GRD	
181	0.247	GRD	
182	15.2	GRD	
183	15.3	GRD	
184	7.64	GRD	
185	9.98	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	15.9	GRD	
187	16.7	GRD	
188	8.84	GRD	
189	1.64	GRD	
190	2.96	GRD	
191	0.53	GRD	
192	0.264	GRD	
193	0.211	GRD	
194	0.949	GRD	
195	14.1	GRD	
196	8.43	GRD	
197	0.624	GRD	
198	11	GRD	
199	1.1	GRD	
200	0.428	GRD	
201	0.365	GRD	
202	0.292	GRD	
203	0.159	GRD	
204	0.302	GRD	
205	0.318	QFP	
206	0.493	QFP	
207	0.328	QFP	
208	0.238	QFP	
209	0.366	QFP	
210	0.234	QFP	
211	0.265	QFP	
211	0.265	QFP	
212	0.256	QFP	
212	0.256	QFP	
213	0.328	QFP	
214	0.366	QFP	

Depth (m)	Magnetic Susceptibility	Unit	Comments
215	1.54	GRD	
216	0.142	GRD	
217	0.321	GRD	
218	0.477	GRD	
219	0.504	GRD	
220	0.575	GRD	
221	0.757	GRD	
222	0.409	GRD	
223	0.204	GRD	
224	7.74	GRD	
225	0.53	GRD	
226	0.857	GRD	
227	0.456	GRD	
228	0.488	GRD	
229	0.732	GRD	
230	0.619	GRD	
231	0.329	GRD	
232	3.55	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382201	6889816	1372.34	87.48

ZONE: Central BRX

SECTION:

HOLE: KL-14-196

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Aug 01 - Aug 02, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	38.5	-50.7	Reflex
84.42	40.5	-51.3	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	56.26	54.74	GRD
56.26	57.72	1.46	GRD
57.72	58.78	1.06	VEN
58.78	62.4	3.62	GRD
62.4	72.24	9.84	QFP
72.24	87.48	15.24	GRD

SAMPLES	
Numbers:	Q927828 to Q927834, Q934075 to Q934095
Total:	33
Batch:	118, 122, 130
Certificates:	WH14115504, WH14117462, WH14120286

COMMENTS

Box Log

KL-14-196

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	7.66
2	7.66	11.82
3	11.82	15.75
4	15.75	20.04
5	20.04	24.12
6	24.12	28.04
7	28.04	32.38
8	32.38	36.18
9	36.18	40.29
10	40.29	44.1
11	44.1	47.85
12	47.85	52.16
13	52.16	56.26
14	56.26	60.05
15	60.05	64.24
16	64.24	68.41
17	68.41	72.24
18	72.24	76.14
19	76.14	80.18
20	80.18	84
21	84	87.48

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-196									
	57.92	14.8	NQ2	VEN	1103.3	805.9	3.51	3.7	Quartz vein with semi-massive banded ankerite and pyrite with blebby galena, sphalerite (honey brown and blackjack), chalcopyrite, pyrite and bladed quartz.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	28.04	26.52	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy argillic altered granodiorite. Top 5 m of hole is rubbly. Fractures are pervasively oxidized. Weak Calcite and Ankerite veinlets found pervasively. Argillic alteration is defined by feldspar weathering into clay minerals. Argillic altered zones are tan to oxidized. Trace hematite is found locally along fractures. Local sphalerite, Galena, Pyrite quartz veins (trace) occur within the interval.							

28.04	34.03	5.99	GRD	MG	Moderate to strong argillic altered granodiorite locally overprinting weak to moderate propyllitic and phyllic altered granodiorite. Fractures are oxidized. Local quartz-carbonate veins with trace fine grained sulphides (pyrite?) up to 1.5 cm. Minor zones of up to 5 cm clay altered granodiorite.							
						MD	GY		POT	3I		
						--	TN	---	PRO	3I	Py	0.05
									ARG	4I		
34.03	56.26	22.23	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy argillic altered granodiorite. Top 5 m of hole is rubbly. Fractures are pervasively oxidized. Weak Calcite and Ankerite veinlets found pervasively. Argillic alteration is defined by feldspar weathering into clay minerals. Argillic altered zones are tan to oxidized. Trace hematite is found locally along fractures. Local sphalerite, Galena, Pyrite quartz veins (trace) occur within the interval.							
						MD	GY	PA	PRO	2I	Py	0.05
						--	TN		POT	2I		
									ARG	2I		
56.26	57.72	1.46	GRD	MG	Moderately to strongly oxidized phyllic altered granodiorite with weak to moderate argillic overprinting. Pyrite found disseminated withing phyllic altered granodiorite (1-3%) Near lower contact, Pyrite, Arsenopyrite, Sphalerite and Galena vein cuts the unit at 57.39m.							
						DK	GY		SIL	3I	Py	3
						--	TN	---	OXI	3I	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	4I	As	0.1
									ARG	3I	Sp	0.1
											Gn	0.1
57.72	58.78	1.06	GRD	MG	Quartz-carbonate vein with milky white quartz and ankerite hosting semi-massive, blebby pyrite, blebby Black Jack and Honey Brown Sphalerite, Galena, Chalcopyrite, and Arsenopyrite. Bladed quartz textures within vein.							
						--	WH	---	SIL	5I	Py	25
						--	TN				As	3
											Sp	8
											Gn	1
58.78	62.40	3.62	GRD	MG	Gouge to strongly phyllic altered granodiorite with disseminated Pyrite. Gouge is found near the quartz-carbonate vein contact and grades into more competent phyllic altered granodiorite over 20 cm. Epidote (medium grained to coarse grained) is found pervasively throughout. Oxide staining is dominantly found along fractures, but also within quartz-carbonate stringers. Pyrite is blebby to disseminated. Weak argillic overprinting is common. Mineralized quartz veins are found intermittently (7 and up to 6 cm) throughout the interval. Lower contact with the dyke is gougy.							
						MD	GY		ARG	3I		
						LT	GN	---	PHC	5I	Py	3
62.40	67.87	5.47	QFP	CG	Dominantly medium to light green to tan-orange quartz-feldspar porphyry dyke. Quartz-feldspar porphyry is cut by quartz and calcite veinlets pervasively through the interval (trace to weak). Quartz veinlets may host trace fine grained blebby Galena and hematite.							
						MD	GN	CR				
						LT	GN	PO	---	--	Py	0.01
						--	OR					
						--	TN					
67.87	69.19	1.32	QFP	CG	Crackle brecciated and gougy quartz-feldspar porphyry dyke with two quartz-brecciated veins hosting Pyrite, Sphalerite, Galena, Arsenopyrite with phyllic altered halos around the vein. Veins are found intermittently between the interval (see secondary structural log).							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
								PO				
								CR				
69.19	70.74	1.55	QFP	CG	Dominantly medium to light green to tan-orange quartz-feldspar porphyry dyke. Quartz-feldspar porphyry is cut by quartz and calcite veinlets pervasively through the interval (trace to weak). Quartz veinlets may host trace fine grained blebby Galena and hematite.							
						MD	GN	CR				
						LT	GN	PO	---	--	Py	0.01
						--	TN					
						--	OR					
70.74	71.60	0.86	QFP	CG	Maroon quartz-feldspar porphyry dyke with light green clasts up to 1 cm (sub-rounded to sub-angular). Hosts weak oxide stain along fractures and within quartz-carbonate stringers							
						--	MR	PO	OXI	2I		
								CR				
71.60	72.24	0.64	QFP	CG	Dominantly medium to light green to tan-orange quartz-feldspar porphyry dyke. Quartz-feldspar porphyry is cut by quartz and calcite veinlets pervasively through the interval (trace to weak). Quartz veinlets may host trace fine grained blebby Galena and hematite.							
						MD	GN	CR				
						LT	GN	PO	---	--		
						--	TN					
						--	OR					
72.24	76.02	3.78	GRD	MG	Moderately prophylitic altered and trace to weak potassic altered granodiorite with patchy phyllic altered granodiorite. Trace Chlorite stringers found pervasively throughout and hosts blebby to disseminated pyrite. Zone of hematite altered granodiorite with Hematite found on fractures (both high and low angled) and within calcite veinlets. Calcite veinlets within the interval may host trace blebby Galena.							
						MD	GY	PA	PHC	4I	Py	0.05
						DK	GY		PRO	2I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
76.02	81.63	5.61	GRD	MG	Moderately to strongly propylitic altered and weakly to moderately potassic altered granodiorite with calcite-hematite veins/veinlets. Hematite found along both high and low angled fractures, which may also host light green sericite.							
						MD	GY	---	PRO	3I	He	5
						DK	GY		POT	3I		
									SER	3I		
81.63	87.48	5.85	GRD	MG	Moderately prophylitic altered and trace to weak potassic altered granodiorite with patchy phyllic altered granodiorite. Trace Chlorite stringers found pervasively throughout and hosts blebby to disseminated pyrite. Zone of hematite altered granodiorite with Hematite found on fractures (both high and low angled) and within calcite veinlets. Calcite veinlets within the interval may host trace blebby Galena.							
						MD	GY	PA	PHC	4I	Py	0.05
						DK	GY		PRO	2I		
									POT	2I		

KL-14-196

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	56.26	54.74	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy argillic altered granodiorite. Top 5 m of hole is rubbly. Fractures are pervasively oxidized. Weak Calcite and Ankerite veinlets found pervasively. Argillic alteration is defined by feldspar weathering into clay minerals. Argillic altered zones are tan to oxidized. Trace hematite is found locally along fractures. Local sphalerite, Galena, Pyrite quartz veins (trace) occur within the interval.							
						--	TN	RB	PRO	3I	Py	0.01
						MD	GY	PA	OXI	2I	Py	0.01
									POT	2I		
56.26	57.72	1.46	GRD	MG	Moderately to strongly oxidized phyllic altered granodiorite with weak to moderate argillic overprinting. Pyrite found disseminated withing phyllic altered granodiorite (1-3%) Near lower contact, Pyrite, Arsenopyrite, Sphalerite and Galena vein cuts the unit at 57.39m.							
						DK	GY		SIL	3I	Py	3
									PHC	4I	As	0.1
									ARG	3I	Sp	0.1
											Gn	0.1
						--	TN	---	OXI	3I	Py	3
57.72	58.78	1.06	VEN	--	Quartz-carbonate vein with milky white quartz and ankerite hosting semi-massive, blebby pyrite, blebby Black Jack and Honey Brown Sphalerite, Galena, Chalcopyrite, and Arsenopyrite. Bladed quartz textures within vein.							
						--	WH	---	SIL	5I	Py	25
						--	TN				As	3
											Sp	8
											Gn	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
58.78	62.40	3.62	GRD	MG	Gouge to strongly phyllic altered granodiorite with disseminated Pyrite. Gouge is found near the quartz-carbonate vein contact and grades into more competent phyllic altered granodiorite over 20 cm. Epidote (medium grained to coarse grained) is found pervasively throughout. Oxide staining is dominantly found along fractures, but also within quartz-carbonate stringers. Pyrite is blebby to disseminated. Weak argillic overprinting is common. Mineralized quartz veins are found intermittently (7 and up to 6 cm) throughout the interval. Lower contact with the dyke is gougy.							
						MD	GY		ARG	3I		
						LT	GN	---	PHC	5I	Py	3
62.40	72.24	9.84	QFP	CG	Dominantly medium to light green to tan-orange quartz-feldspar porphyry dyke with minor intermittent maroon quartz-feldspar porphyry. Quartz-feldspar porphyry is cut by quartz and calcite veinlets pervasively through the interval (trace to weak). Quartz veinlets may host trace fine grained blebby Galena and hematite. Local areas with crackle breccia and gouge are found locally. Local crackle brecciated and gouge dyke hosts altered granodiorite with brecciated quartz-vein-like texture with disseminated pyrite.							
						MD	GN	CR				
						--	TN					
						--	OR					
						LT	GN	PO	---	--	Py	0.01
72.24	87.48	15.24	GRD	MG	Moderately prophylitic altered and trace to weak potassic altered granodiorite with patchy phyllic altered granodiorite. Trace Chlorite stringers found pervasively throughout and hosts blebby to disseminated pyrite. Zone of hematite altered granodiorite with Hematite found on fractures (both high and low angled) and within calcite veinlets. Calcite veinlets within the interval may host trace blebby Galena.							
						MD	GY	PA	PHC	4I	Py	0.05
						DK	GY		PRO	2I		
									POT	2I		

KL-14-196

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	5.18	3.66	0.99	27	0.00	0	--	2H	3W	
5.18	8.23	3.05	2.44	80	0.62	20	--	2H	3W	
8.23	11.28	3.05	2.94	96	2.87	94	--	4H	3W	
11.28	14.33	3.05	2.51	82	1.39	46	--	4H	3W	
14.33	17.37	3.04	2.95	97	2.56	84	--	4H	2W	
17.37	20.42	3.05	2.84	93	2.32	76	--	3H	3W	
20.42	23.47	3.05	2.99	98	2.69	88	--	4H	1W	
23.47	26.52	3.05	2.98	98	1.61	53	--	4H	2W	
26.52	29.57	3.05	2.77	91	1.96	64	--	4H	2W	
29.57	32.61	3.04	2.8	92	1.66	55	--	5H	3W	
32.61	35.66	3.05	2.7	89	1.40	46	--	2H	3W	
35.66	38.71	3.05	2.68	88	1.42	47	--	3H	3W	
38.71	41.76	3.05	2.59	85	0.41	13	--	4H	3W	
41.76	44.81	3.05	2.56	84	0.00	0	--	3H	3W	
44.81	47.85	3.04	1.81	60	1.38	45	--	4H	3W	
47.85	50.90	3.05	2.92	96	1.87	61	--	4H	2W	
50.90	53.95	3.05	2.97	97	2.28	75	--	4H	2W	
53.95	57.00	3.05	2.69	88	1.86	61	--	3H	2W	
57.00	60.05	3.05	2.6	85	0.79	26	--	3H	3W	
60.05	63.09	3.04	2.62	86	0.76	25	--	3H	2W	
63.09	66.14	3.05	3.05	100	2.06	68	--	4H	2W	
66.14	69.19	3.05	3.05	100	2.26	74	--	3H	2W	
69.19	72.24	3.05	2.85	93	1.24	41	--	2H	2W	
72.24	75.29	3.05	3.05	100	2.40	79	--	4H	1W	
75.29	78.33	3.04	2.93	96	2.15	71	--	4H	1W	
78.33	81.38	3.05	2.51	82	0.79	26	--	3H	2W	
81.38	84.43	3.05	2.76	90	1.85	61	--	3H	1W	
84.43	87.48	3.05	2.94	96	2.25	74	--	4H	1W	

KL-14-196

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.264	GRD	
6	0.287	GRD	
7	0.28	GRD	
8	21.8	GRD	
9	23.8	GRD	
10	16	GRD	
11	21.4	GRD	
12	13.5	GRD	
13	0.538	GRD	
14	0.528	GRD	
15	24.3	GRD	
16	21.5	GRD	
17	25	GRD	
18	22.6	GRD	
19	0.345	GRD	
20	2.97	GRD	
21	0.407	GRD	
22	5.38	GRD	
23	26	GRD	
24	8.01	GRD	
25	19.8	GRD	
26	19.6	GRD	
27	18.6	GRD	
28	0.592	GRD	
29	0.276	GRD	
30	0.374	GRD	
31	5.44	GRD	
32	0.202	GRD	
33	0.195	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	0.315	GRD	
35	4.57	GRD	
36	1.19	GRD	
37	21.5	GRD	
38	22.8	GRD	
39	14.8	GRD	
40	1.69	GRD	
41	2.72	GRD	
42	0.668	GRD	
43	2.75	GRD	
44	10.9	GRD	
45	1.09	GRD	
46	0.214	GRD	
47	18.4	GRD	
48	6.79	GRD	
49	14.7	GRD	
50	23.5	GRD	
51	12.4	GRD	
52	0.645	GRD	
53	0.653	GRD	
54	17.4	GRD	
55	14.3	GRD	
56	0.554	GRD	
57	0.241	GRD	
58	1.43	VEN	
59	0.296	GRD	
60	0.013	GRD	
61	0.187	GRD	
62	1.19	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	0.207	QFP	
64	0.256	QFP	
65	0.415	QFP	
66	0.291	QFP	
67	0.276	QFP	
68	0.315	QFP	
69	0.562	QFP	
70	0.266	QFP	
71	0.336	QFP	
72	0.36	QFP	
73	1.21	GRD	
74	0.384	GRD	
75	3.16	GRD	
76	0.448	GRD	
77	0.499	GRD	
78	5.15	GRD	
79	2.56	GRD	
80	0.647	GRD	
81	0.536	GRD	
82	0.317	GRD	
83	0.444	GRD	
84	0.255	GRD	
85	9.98	GRD	
86	2.08	GRD	
87	12.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382288	6889719	1385.8	99.67

ZONE: Central BRX

SECTION:

HOLE: KL-14-197

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Aug 03 - Aug 03, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	33.7	-50.6	Reflex
99.66	36.3	-50.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.1	4.1	OVB
4.1	45.19	41.09	FLT
45.19	60.87	15.68	GRD
60.87	71.27	10.4	GRD
71.27	79.7	8.43	QFP
79.7	80.43	0.73	VEN
80.43	94.67	14.24	GRD
94.67	94.78	0.11	GRD
94.78	99.67	4.89	GRD

SAMPLES	
Numbers:	Q927835 to Q927837, Q934096 to Q934131
Total:	45
Batch:	122, 124, 130
Certificates:	WH14115504, WH14115506, WH14120286

COMMENTS

Box Log

KL-14-197

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.1	7.61
2	7.61	11.5
3	11.5	15.05
4	15.05	19.1
5	19.1	22.85
6	22.85	26.71
7	26.71	30.95
8	30.95	35.22
9	35.22	38.96
10	38.96	42.76
11	42.76	46.36
12	46.36	50.15
13	50.15	53.95
14	53.95	57.98
15	57.98	61.23
16	61.23	65.36
17	65.36	68.81
18	68.81	72.72
19	72.72	76.3
20	76.3	80.94
21	80.94	84.84
22	84.84	88.96
23	88.96	93.43
24	93.43	97.28
25	97.28	99.67

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-197									
	71.11	5.6	NQ2	GRD	329	210.8	2.77	2.8	Smoky quartz breccia with rounded mineralized clasts bearing blebby pyrite and sphalerite. Clasts hosted in fine quartz feldspar dyke matrix and cut by vuggy ankerite veinlet.
	80.33	5.6	NQ2	VEN	580.7	453.2	4.88	4.6	Quartz vein with interbedded semi-massive galena, pyrite, sphalerite, arsenopyrite. Cut by ankerite veinlet.

KL-14-197

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.10	45.19	41.09	GRD	MG	Granodiorite with weak to strong oxidation (moderate to strong 4.1 to 14.33 meters), patchy trace to weak chlorite, weak to moderate argillic, trace potassic and weak phyllic alteration. Large intermittent weak to intense fault gouge zones. Also hosting pervasive calcite veinlets.							
						MD	BR		HEM	3I		
						MD	RD		SIL	3I		
						MD	GY		CHL	3I	Py	0.5
45.19	60.87	15.68	GRD	MG	Moderate to strong chloritized granodiorite with moderate hematite staining (strongest on fracture surfaces) with patchy moderate argillic, patchy weak phyllic and patchy zones of strong fault altered gouge. Disseminated pyrite in strong chlorite-hematite zones. Patchy sericite on fracture surfaces.							
						DK	GN		CHL	4I		
						DK	RD		HEM	3I		
									SIL	3I		
									OXI	3I		
60.87	71.27	10.40	GRD	MG	Moderate to strong phyllic altered granodiorite with intermittent weak propylitic alteration, moderate silicification and obliterated textures. Hosting pervasive disseminated pyrite (0.1% to 4%) in strong phyllic zones. Pervasive calcite veinlets throughout. Lower contact is a 70 degree mineralized breccia.							
						MD	GN		PHC	4I	Py	2
									PRO	2I		
									SIL	3I		
71.27	79.70	8.43	GRD	MG	light grey-green quartz feldspar dyke with weak to strong gouge alteration and pervasive calcite stringers with sparse mineralization and sparse crackle textures.							
						MD	GY		CLY	3I		
						MD	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
79.70	80.43	0.73	VEN	MG	Smoky,milky quartz-cream ankerite vein with intermixed semi-massive pyrite, galena, sphalerite (blackjack), arsenopyrite and blebby pyrite, galena, sphalerite (honey brown and blackjack). Disseminated jamesonite hosted in arsenopyrite and additional disseminated arsenopyrite. Lower contact is 60 degree's to core axis.							
						DK	GY				Py	25
											Sp	6
											Gn	15
											Cp	0.1
											Jm	0.2
											As	5
80.43	94.67	14.24	GRD	MG	Trace phyllic altered granodiorite with trace to weak potassic overprint, weak chloritization and patchy sparse disseminated pyrite. Pervasive ankerite stringers/veinlets with moderate phyllic, weak propylitic altered envelopes.							
						MD	GY		CLY	3I	Py	0.1
						MD	GN					
94.67	94.78	0.11	GRD	MG	Trace phyllic altered granodiorite with trace to weak pottassic overprint, moderate chloritization and moderate hematization.							
						MD	GY		CHL	3I		
						MD	GN		POT	1I		
									PHC	2I		
									SIL	3I		
									HEM	3I		
94.78	99.67	4.89	GRD	MG	Trace phyllic altered granodiorite with trace to weak potassic overprint, weak chloritization and patchy sparse disseminated pyrite. Pervasive ankerite stringers/veinlets with moderate phyllic, weak propylitic altered envelopes.							
						MD	GY		CHL	2I	Py	0.1
						MD	GN		POT	1I		
									SIL	3I		
									PHC	2I		
									PRO	2I		

KL-14-197

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.10	45.19	41.09	FLT	MG	Granodiorite with weak to strong oxidation (moderate to strong 4.1 to 14.33 meters), patchy trace to weak chlorite, weak to moderate argillic, trace potassic and weak phyllic alteration. Large intermittent weak to intense fault gouge zones. Also hosting pervasive calcite veinlets.							
						MD	BR		ARG	3I		
						MD	RD		POT	1I		
									CLY	4I		
									OXI	3I		
									SIL	3I		
						MD	GY		CHL	2I		
45.19	60.87	15.68	GRD	MG	Moderate to strong chloritized granodiorite with moderate hematite staining (strongest on fracture surfaces) with patchy moderate argillic, patchy weak phyllic and patchy zones of strong fault altered gouge. Disseminated pyrite in strong chlorite-hematite zones. Patchy sericite on fracture surfaces.							
						DK	RD		HEM	3I		
									SIL	3I		
						DK	GN		CHL	3I	Py	0.5
60.87	71.27	10.40	GRD	MG	Moderate to strong phyllic altered granodiorite with intermittent weak propylitic alteration, moderate silicification and obliterated textures. Hosting pervasive disseminated pyrite (0.1% to 4%) in strong phyllic zones. Pervasive calcite veinlets throughout. Lower contact is a 70 degree mineralized breccia.							
									PRO	2I		
									SIL	3I		
						MD	GN		PHC	4I	Py	2
71.27	79.70	8.43	QFP	MG	light grey-green quartz feldspar dyke with weak to strong gouge alteration and pervasive calcite stringers with sparse mineralization and sparse crackle textures.							
						MD	GY		CLY	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN					
79.70	80.43	0.73	VEN	MG	Smoky, milky quartz-cream ankerite vein with intermixed semi-massive pyrite, galena, sphalerite (blackjack), arsenopyrite and blebby pyrite, galena, sphalerite (honey brown and blackjack). Disseminated jamesonite hosted in arsenopyrite and additional disseminated arsenopyrite. Lower contact is 60 degree's to core axis.							
											Cp	0.1
						DK	GY				Py	25
											As	5
											Jm	0.2
											Sp	6
											Gn	15
80.43	94.67	14.24	GRD	MG	Trace phyllic altered granodiorite with trace to weak potassic overprint, weak chloritization and patchy sparse disseminated pyrite. Pervasive ankerite stringers/veinlets with moderate phyllic, weak propylitic altered envelopes.							
						MD	GY		CHL	2I	Py	0.1
						MD	GN		POT	1I		
									PHC	2I		
									PRO	2I		
									SIL	3I		
94.67	94.78	0.11	GRD	MG	Trace phyllic altered granodiorite with trace to weak pottassic overprint, moderate chloritization and moderate hematization.							
						MD	GY		CHL	3I		
									HEM	3I		
									SIL	3I		
						MD	GN		POT	1I		
									PHC	2I		
94.78	99.67	4.89	GRD	MG	Trace phyllic altered granodiorite with trace to weak potassic overprint, weak chloritization and patchy sparse disseminated pyrite. Pervasive ankerite stringers/veinlets with moderate phyllic, weak propylitic altered envelopes.							
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		CHL	2I	Py	0.1
						MD	GN		POT	1I		
									PHC	2I		
									PRO	2I		

KL-14-197

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.10	4.10	0	0	0.00	0	--	--	--	Casing
4.10	5.18	1.08	0.97	90	0.00	0	--	1H	4W	
5.18	8.23	3.05	2.11	69	0.36	12	--	1H	4W	
8.23	11.28	3.05	1.77	58	0.00	0	--	1H	4W	
11.28	14.33	3.05	1.99	65	0.00	0	--	2H	4W	
14.33	17.37	3.04	2.55	84	0.43	14	--	2H	3W	
17.37	20.42	3.05	2.78	91	0.42	14	--	2H	3W	
20.42	23.47	3.05	2.82	92	0.21	7	--	2H	3W	
23.47	26.52	3.05	2.98	98	0.00	0	--	2H	3W	
26.52	29.57	3.05	2.73	90	0.00	0	--	2H	3W	
29.57	32.61	3.04	2.79	92	0.12	4	--	2H	3W	
32.61	35.66	3.05	2.41	79	0.12	4	--	2H	4W	
35.66	38.71	3.05	2.77	91	0.55	18	--	3H	3W	
38.71	41.76	3.05	2.45	80	0.23	8	--	3H	3W	
41.76	44.81	3.05	2.32	76	0.74	24	--	3H	3W	
44.81	47.85	3.04	2.3	76	0.19	6	--	2H	3W	
47.85	50.90	3.05	2.16	71	0.00	0	--	1H	4W	
50.90	53.95	3.05	2.36	77	0.55	18	--	3H	2W	
53.95	57.00	3.05	1.73	57	0.00	0	--	3H	1W	
57.00	60.05	3.05	2.52	83	0.29	10	--	4H	1W	
60.05	63.09	3.04	2.31	76	0.00	0	--	3H	1W	
63.09	66.14	3.05	2.31	76	0.51	17	--	4H	1W	
66.14	69.19	3.05	2.26	74	0.34	11	--	3H	1W	
69.19	72.24	3.05	2.52	83	0.73	24	--	3H	1W	
72.24	75.29	3.05	2.47	81	0.40	13	--	3H	1W	
75.29	78.34	3.05	2.76	90	0.65	21	--	3H	1W	
78.34	81.38	3.04	2.56	84	0.52	17	--	2H	1W	
81.38	84.43	3.05	2.84	93	1.98	65	--	4H	1W	
84.43	87.48	3.05	2.93	96	1.48	49	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.98	98	1.37	45	--	4H	1W	
90.53	93.57	3.04	2.8	92	1.92	63	--	4H	1W	
93.57	96.62	3.05	2.72	89	0.78	26	--	4H	2W	
96.62	99.67	3.05	3.05	100	2.68	88	--	4H	1W	

Magnetic Suscepatibility

KL-14-197

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.342	FLT	
6	0.314	FLT	
7	0.579	FLT	
8	0.377	FLT	
9	0.715	FLT	
10	4.4	FLT	
11	6.55	FLT	
12	9.33	FLT	
13	5.45	FLT	
14	2.65	FLT	
15	0.4	FLT	
16	0.469	FLT	
17	0.461	FLT	
18	0.738	FLT	
19	0.441	FLT	
20	2.81	FLT	
21	0.411	FLT	
22	0.347	FLT	
23	0.485	FLT	
24	0.705	FLT	
25	0.396	FLT	
26	0.646	FLT	
27	0.851	FLT	
28	0.75	FLT	
29	0.844	FLT	
30	0.342	FLT	
31	0.437	FLT	
32	0.311	FLT	
33	0.541	FLT	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	0.484	FLT	
34	0.909	FLT	
35	0.814	FLT	
36	0.314	FLT	
37	0.277	FLT	
38	0.396	FLT	
39	0.227	FLT	
40	8.54	FLT	
41	0.697	FLT	
42	0.178	FLT	
43	5.2	FLT	
44	4.68	FLT	
45	0.564	FLT	
46	1.37	GRD	
47	0.35	GRD	
48	0.262	GRD	
49	2.14	GRD	
50	0.951	GRD	
51	0.764	GRD	
52	0.671	GRD	
53	19.5	GRD	
54	5.79	GRD	
55	4.07	GRD	
56	1.21	GRD	
57	2.95	GRD	
58	0.736	GRD	
59	21.9	GRD	
60	22.6	GRD	
61	0.844	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	0.825	GRD	
63	0.723	GRD	
65	0.575	GRD	
66	0.253	GRD	
67	0.531	GRD	
68	0.453	GRD	
69	1.06	GRD	
70	0.467	GRD	
71	0.205	GRD	
72	0.491	QFP	
73	0.285	QFP	
74	0.122	QFP	
75	0.296	QFP	
76	0.235	QFP	
77	0.284	QFP	
78	0.274	QFP	
79	0.239	QFP	
80	0.282	VEN	
81	0.4	GRD	
82	0.626	GRD	
83	8.38	GRD	
84	5.53	GRD	
85	14.1	GRD	
86	0.723	GRD	
87	3.94	GRD	
88	7.84	GRD	
89	12.1	GRD	
90	10.3	GRD	
91	9.24	GRD	
92	4.88	GRD	
93	6.86	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
94	15.7	GRD	
95	0.366	GRD	
96	14.7	GRD	
97	17.3	GRD	
98	18.7	GRD	
99	12.1	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382317	6889668	1389.68	96.62

ZONE: Central BRX

SECTION:

HOLE: KL-14-198

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Aug 03 - Aug 03, 2014

Geology Logged By: H. Friday

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	273.8	-25.8	Reflex
0	273.8	-25.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.92	3.92	CAS
3.92	38.69	34.77	GRD
38.69	48.8	10.11	GRD
48.8	69.28	20.48	GRD
69.28	70.26	0.98	GRD
70.26	70.79	0.53	VEN
70.79	79.68	8.89	QFP
79.68	80.54	0.86	VEN
80.54	85.16	4.62	GRD
85.16	85.57	0.41	APL
85.57	96.62	11.05	GRD

SAMPLES	
Numbers:	Q927838 to Q927847, Q934132 to Q934148
Total:	31
Batch:	124, 130
Certificates:	WH14115506, WH14120286

COMMENTS

Box Log

KL-14-198

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.92	7.92
2	7.92	11.38
3	11.38	15.62
4	15.62	19.86
5	19.86	24.06
6	24.06	28.28
7	28.28	32.29
8	32.29	35.92
9	35.92	39.91
10	39.91	44.29
11	44.29	48.27
12	48.27	52.4
13	52.4	56.43
14	56.43	60.51
15	60.51	64.79
16	64.79	68.75
17	68.75	72.96
18	72.96	77.28
19	77.28	81.38
20	81.38	85.65
21	85.65	90.16
22	90.16	94.5
23	94.5	96.62

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-198									
	70.46	11	NQ2	VEN	821.9	603.2	3.52	3.8	Milky quartz vein hosting semi-massive pyrite with blebby chalcopyrite, intermixed semi-massive arsenopyrite and pyrite with disseminated jamesonite and blebby banded pyrargirite. Blebby pyrite and arsenopyrite throughout.
	79.74	16.1	NQ2	VEN	1039	721.6	3.04	3.3	4.3 centimeter intense phyllic altered granodiorite with strong silicification and disseminated pyrite. Hosting blebby milky quart with blebby pyrite. 3.7 centimeter banded semi-massive arsenopyrite (disseminated pyrite on margin), massive galena, blebby, (honey brown) sphalerite, cream vuggy ankerite. 6.7 centimeter smoky quartz breccia with pebble to cobble sub-angular quartz feldspar dyke and mineralized clasts hosting pyrite, galena. Disseminated pyrite throughout matrix.
	80.17	9.9	NQ2	VEN	780.2	588.8	3.71	4.1	Milky quartz vein hosting semi-massive to massive pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.92	32.10	28.18	GRD	MG	Medium grey, massive granodiorite. Local weak oxidation. Small 5mm quartz-carbonate veinletts locally throughout. Weak phyllic alteration halos around these veinletts. Trace potassic and chlorite alteration locally.							
						MD	GY	MA	PHC	1I		
									CHL	1I		
									POT	1I		
32.10	38.69	6.59	GRD	MG	Medium grey/brown moderately oxidized granodiorite. Local potassic, phyllic, argillic and chlorite alteration seen mainly surrounding quartz and quartz-carbonate veinletts. Oxidation quite pervasive locally. Trace pyrite (blebby to disseminated) seen localy in and surrounding veinletts.							
						MD	GY	MA	PHC	2I	Py	0.1
						MD	BN		POT	2I		
									CHL	2I		
									ARG	2I		
38.69	43.55	4.86	GRD	MG	Primarily unaltered granodiorite with phyllic alteration halos around quartz-carbonate veins. Weak oxidation on fracture surfaces.							
						MD	GY	MA	PHC	2I	Py	0.1
						MD	GN					
43.55	44.38	0.83	GRD	MG	Moderately to strongly phyllic altered granodiorite. Weak oxidation throughout. Disseminated to banded fine grained pyrite.							
						MD	GN	MA	PHC	4I	Py	2
44.38	45.34	0.96	GRD	MG	Patchy phyllic and argillic altered granodiorite. Quartz-carbonate veins throughout hosting banded to disseminated pyrite.							
						MD	GN	MA	PHC	3I	Py	1
						MD	GY		ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
45.34	48.80	3.46	GRD	MG	Primarily unaltered granodiorite with phyllic alteratioin halos around quartz-carbonate veins. Weak oxidation on fracture surfaces.							
						MD	GN	MA	PHC	2I	Py	0.1
						MD	GY					
48.80	69.28	20.48	GRD	MG	Primarily unaltered granodiorite with phyllic alteration halos (10 to 15cm) surrounding quartz carbonate veinletts.							
						MD	GY	MA	PHC	2I		
						MD	GN					
69.28	70.26	0.98	GRD	MG	Strongly phyllic altered granodiorite. Disseminated pyrite throughout. Local chlorite alteration.							
						MD	GN		PHC	4I	Py	2
									CHL	3I		
70.26	70.79	0.53	VEN	MG	Hanging wall vein - white smokey quartz vein hosting semi-massive pyrite, arsenopyrite, blebby chalcopyrite and, local blebs of galena and localy disseminated jamesonite. Sharp upper contact into phyllic altered granodiorite. Lower contact into quartz-feldspar dyke is a 20cm contact sheared, mineralized (weak pyrite) gouge zone at 60 degrees tca. Local ankerite veinletts at contact.							
						MD	GY				Py	50
											As	15
											Cp	5
											Jm	5
											Gn	1
79.68	80.54	0.86	VEN	FG	Footwall vein. First 13cm a contact breccia. Disseminated pyrite throughout matrix and blebby pyrite clasts. At breccia contact, massive band of galena, sphalerite and arsenopyrite. Next 15 cm heavily mineralized phyllic and silicified granodiorite hosting disseminated to blebby pyrite. Next 30 cm is a smokey quartz vein hosting massive pyrite and chalcopyrite. Next 27 cm heavly mineralized phyllic altered granodiorite.							
									PHC	5I	Py	40

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Sp	1
											Gn	3
									SIL	3I	Cp	5
											As	5
80.54	85.16	4.62	GRD	MG	Unaltered granodiorite with local phyllic and argillic alteration halos with weak potassic alteration locally. First 15 cm of interval strongly phyllic altered granodiorite - alteration envelope from vein. Unmineralized.							
						MD	GY	MA	POT	1I		
						MD	GN		PHC	2I		
									ARG	1I		
85.16	85.57	0.41	APL	MG	Pink aplite dyke. Chlorite blebs seen throughout. Local pyrite and quartz stringers.							
						MD	PK					
						MD	RD				Py	0.1

KL-14-198

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.92	38.69	34.77	GRD	MG	Medium grey, massive granodiorite. Local weak oxidation. Small 5mm quartz-carbonate veinletts locally throughout. Weak phyllic alteration halos around these veinletts. Trace potassic and chlorite alteration locally.							
									CHL	1I		
						MD	GY	MA	PHC	1I		
									POT	1I		
38.69	48.80	10.11	GRD	MG	Primarily unaltered granodiorite with phyllic alteration halos surrounding quartz-carbonate veins and veinletts. Weak oxidation on fracture surfaces.							
						MD	GN	MA	PHC	2I	Py	0.1
48.80	69.28	20.48	GRD	MG	Primarily unaltered granodiorite with phyllic alteration halos (10 to 15cm) surrounding quartz carbonate veinletts.							
						MD	GN					
						MD	GY	MA	PHC	2I		
69.28	70.26	0.98	GRD	MG	Strongly phyllic altered granodiorite. Disseminated pyrite throughout. Local chlorite alteration.							
						MD	GN		PHC	4I	Py	2
									CHL	3I		
70.26	70.79	0.53	VEN	MG	Hanging wall vein - white smokey quartz vein hosting semi-massive pyrite, arsenopyrite, blebby chalcopyrite and, local blebs of galena and localy disseminated jamesonite. Sharp upper contact into phyllic altered granodiorite. Lower contact into quartz-feldspar dyke is a 20cm contact sheared, mineralized (weak pyrite) gouge zone at 60 degrees tca. Local ankerite veinletts at contact.							
											Jm	5
											Cp	5
											As	15
						MD	GY				Py	50
											Gn	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
70.79	79.68	8.89	QFP	FG	Quartz feldspar porphyry dyke. Locally reddish-brown in colour. Local dark grey-smokey quartz grains. Sheared locally. Carbonate veinletts throughout.							
						MD	BN					
						MD	GY					
						MD	GN					
79.68	80.54	0.86	VEN	FG	Footwall vein. First 13cm a contact breccia. Disseminated pyrite throughout matrix and blebby pyrite clasts. At breccia contact, massive band of galena, sphalerite and arsenopyrite. Next 15 cm heavily mineralized phyllic and silicified granodiorite hosting disseminated to blebby pyrite. Next 30 cm is a smokey quartz vein hosting massive pyrite and chalcopyrite. Next 27 cm heavly mineralized phyllic altered granodiorite.							
											Sp	1
									PHC	5I	Py	40
									SIL	3I	Cp	5
											Gn	3
											As	5
80.54	85.16	4.62	GRD	MG	Unaltered granodiorite with local phyllic and argillic alteration halos with weak potassic alteration locally. First 15 cm of interval strongly phyllic altered granodiorite - alteration envelope from vein. Unmineralized.							
						MD	GY	MA	POT	1I		
						MD	GN		PHC	2I		
									ARG	1I		
85.16	85.57	0.41	APL	MG	Pink aplite dyke. Chlorite blebs seen throughout. Local pyrite and quartz stringers.							
						MD	RD				Py	0.1
						MD	PK					

KL-14-198

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.92	3.92	0	0	0.00	0	--	--	--	
3.92	5.18	1.26	1.1	87	0.15	12	--	3H	3W	
5.18	8.23	3.05	2.6	85	0.83	27	--	3H	2W	
8.23	11.28	3.05	2.91	95	1.97	65	--	3H	2W	
11.28	14.33	3.05	2.91	95	1.55	51	--	3H	3W	
14.33	17.38	3.05	2.95	97	1.95	64	--	3H	2W	
17.38	20.42	3.04	3	99	2.29	75	--	4H	2W	
20.42	23.47	3.05	3.05	100	2.93	96	--	4H	2W	
23.47	26.52	3.05	2.95	97	2.54	83	--	4H	3W	
26.52	29.57	3.05	2.94	96	2.90	95	--	4H	3W	
29.57	32.61	3.04	2.88	95	1.92	63	--	4H	3W	
32.61	35.66	3.05	2.85	93	0.78	26	--	3H	3W	
35.66	38.71	3.05	2.94	96	0.92	30	--	3H	2W	
38.71	41.76	3.05	3.05	100	2.03	67	--	3H	2W	
41.76	44.81	3.05	3.03	99	2.37	78	--	3H	2W	
44.81	47.85	3.04	2.85	94	1.29	42	--	4H	1W	
47.85	50.90	3.05	2.92	96	1.51	50	--	4H	1W	
50.90	53.95	3.05	3	98	1.36	45	--	4H	1W	
53.95	57.00	3.05	3.05	100	2.33	76	--	4H	1W	
57.00	60.05	3.05	3.04	100	2.61	86	--	4H	1W	
60.05	63.09	3.04	2.98	98	2.49	82	--	4H	1W	
63.09	66.14	3.05	2.98	98	2.41	79	--	4H	1W	
66.14	69.19	3.05	2.63	86	2.20	72	--	4H	1W	
69.19	72.24	3.05	2.97	97	1.90	62	--	3H	1W	
72.24	75.29	3.05	2.99	98	2.52	83	--	3H	1W	
75.29	78.33	3.04	3.04	100	2.88	95	--	3H	1W	
78.33	81.38	3.05	3.05	100	2.59	85	--	3H	1W	
81.38	84.43	3.05	3.02	99	2.63	86	--	4H	1W	
84.43	87.48	3.05	3.02	99	2.57	84	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	2.88	94	--	4H	1W	
90.53	93.57	3.04	2.98	98	2.93	96	--	4H	1W	
93.57	96.62	3.05	2.95	97	2.47	81	--	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	17.5	GRD	
6	14.9	GRD	
7	7.13	GRD	
8	5.06	GRD	
9	11	GRD	
10	20.6	GRD	
11	18.5	GRD	
12	16.8	GRD	
13	16.6	GRD	
14	15	GRD	
15	6.62	GRD	
16	17.4	GRD	
17	10.7	GRD	
18	20.1	GRD	
19	16.7	GRD	
20	12.8	GRD	
21	6.7	GRD	
22	5.03	GRD	
23	5.68	GRD	
24	18	GRD	
25	20.5	GRD	
26	18.4	GRD	
27	22.4	GRD	
28	14.6	GRD	
29	21.2	GRD	
30	6.29	GRD	
31	18.1	GRD	
32	20.3	GRD	
33	0.328	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	2.11	GRD	
35	0.701	GRD	
36	0.836	GRD	
37	0.449	GRD	
38	2.59	GRD	
39	0.652	GRD	
40	1.34	GRD	
41	15.9	GRD	
42	19.2	GRD	
43	11.3	GRD	
44	0.691	GRD	
45	0.573	GRD	
46	20	GRD	
47	21.3	GRD	
48	9.98	GRD	
49	18.1	GRD	
50	17.6	GRD	
51	0.572	GRD	
52	13.7	GRD	
53	1.68	GRD	
54	17.7	GRD	
55	0.526	GRD	
56	19.9	GRD	
57	18.9	GRD	
58	22.9	GRD	
59	17	GRD	
60	13.6	GRD	
61	11.9	GRD	
62	6.42	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	16.2	GRD	
64	19.8	GRD	
65	11.2	GRD	
66	19.3	GRD	
67	20.8	GRD	
68	14.2	GRD	
69	0.595	GRD	
70	0.056	GRD	
71	0.186	QFP	
72	0.484	QFP	
73	0.291	QFP	
74	0.345	QFP	
75	0.239	QFP	
76	0.303	QFP	
77	0.398	QFP	
78	0.22	QFP	
79	0.27	QFP	
80	0.213	VEN	
81	1.11	GRD	
82	4.47	GRD	
83	13.6	GRD	
84	6.84	GRD	
85	10.1	GRD	
86	3.39	GRD	
87	0.643	GRD	
88	12.3	GRD	
89	11.7	GRD	
90	18.7	GRD	
91	0.426	GRD	
92	0.744	GRD	
93	17.8	GRD	
94	16.9	GRD	
95	15.7	GRD	
96	19.4	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382690	6890161	1380.11	389.35

ZONE: Central Klaza

SECTION:

HOLE: KL-14-199

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Aug 03 - Aug 08, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	37.2	-50.2	Reflex
389.22	39.7	-51.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	20.72	19.2	GRD
20.72	28.95	8.23	GRD
28.95	37.3	8.35	GRD
37.3	52.9	15.6	GRD
52.9	56.26	3.36	GRD
56.26	60.9	4.64	GRD
60.9	62.76	1.86	GRD
62.76	63.67	0.91	VEN
63.67	66.53	2.86	GRD
66.53	75.84	9.31	GRD
75.84	103.75	27.91	GRD
103.75	105.13	1.38	VEN
105.13	113.06	7.93	GRD
113.06	116.73	3.67	GRD
116.73	126.65	9.92	GRD

SAMPLES	
Numbers:	Q927856 to Q927863, Q927867 to Q927871, Q927879 to Q927884, Q927902, Q933091 to Q933273
Total:	219
Batch:	125, 128, 130, 134, 136, 139, 142, 145, 156
Certificates:	WH14115507, WH14120286, WH14120287, WH14120289, WH14121783, WH14121785, WH14121786, WH14121946, WH14121949

COMMENTS

126.65	129.24	2.59	GRD
129.24	135.03	5.79	GRD
135.03	136.38	1.35	GRD
136.38	138.6	2.22	GRD
138.6	153.2	14.6	GRD
153.2	156.55	3.35	GRD
156.55	189.91	33.36	GRD
189.91	201.22	11.31	GRD
201.22	209.42	8.2	GRD
209.42	216.81	7.39	GRD
216.81	226.38	9.57	GRD
226.38	229.99	3.61	GRD
229.99	250.67	20.68	GRD
250.67	260.75	10.08	GRD
260.75	264.17	3.42	GRD
264.17	266.98	2.81	GRD
266.98	273.91	6.93	GRD
273.91	283.05	9.14	GRD
283.05	284.56	1.51	GRD
284.56	285.09	0.53	VEN
285.09	291.41	6.32	QFP
291.41	299.95	8.54	GRD
299.95	306.52	6.57	GRD
306.52	308.18	1.66	BXA
308.18	316.42	8.24	QFP
316.42	318.85	2.43	GRD
318.85	324.97	6.12	GRD
324.97	333.01	8.04	GRD
333.01	335.05	2.04	GRD
335.05	336.85	1.8	QFP
336.85	342.78	5.93	GRD
342.78	350.83	8.05	GRD

350.83	362.25	11.42	GRD
362.25	362.57	0.32	VEN
362.57	364.55	1.98	GRD
364.55	371.38	6.83	QFP
371.38	378.04	6.66	GRD
378.04	382.55	4.51	GRD
382.55	385.88	3.33	GRD
385.88	389.35	3.47	GRD

Box Log

KL-14-199

Klaza ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	5.37
2	5.37	8.45
3	8.45	11.51
4	11.51	14.71
5	14.71	17.7
6	17.7	20.93
7	20.93	23.75
8	23.75	26.85
9	26.85	29.97
10	29.97	33.03
11	33.03	36.21
12	36.21	39
13	39	42.28
14	42.28	45.34
15	45.34	48
16	48	51.17
17	51.17	54.24
18	54.24	57.22
19	57.22	60.35
20	60.35	63.4
21	63.4	66.38
22	66.38	69.43
23	69.43	72.45
24	72.45	75.65
25	75.65	78.53
26	78.53	81.67
27	81.67	84.82
28	84.82	88
29	88	91.2
30	91.2	94.3
31	94.3	97.45
32	97.45	100.55
33	100.55	103.75
34	103.75	107
35	107	110.1
36	110.1	112.9
37	112.9	116.05
38	116.05	119.4
39	119.4	122.55
40	122.55	125.78
41	125.78	129.02
42	129.02	132
43	132	135.02
44	135.02	137.72
45	137.72	140.5
46	140.5	143.42
47	143.42	146.53
48	146.53	149.54
49	149.54	152.7
50	152.7	155.85
51	155.85	158.8
52	158.8	161.99
53	161.99	165.11
54	165.11	168.36
55	168.36	171.4
56	171.4	174.4
57	174.4	177.5
58	177.5	180.75
59	180.75	183.9
60	183.9	186.95
61	186.95	190.2
62	190.2	193.5
63	193.5	196.62
64	196.62	199.8
65	199.8	202.87
66	202.87	205.93
67	205.93	209.12
68	209.12	212.2
69	212.2	215.22
70	215.22	218.31
71	218.31	221.59
72	221.59	224.7
73	224.7	227.85
74	227.85	231.2
75	231.2	234.43
76	234.43	237.58
77	237.58	240.82
78	240.82	244.1
79	244.1	247.38
80	247.38	250.67
81	250.67	253.94
82	253.94	257.15
83	257.15	260.27
84	260.27	263.45
85	263.45	266.5
86	266.5	269.58
87	269.58	273
88	273	276.31
89	276.31	279.63
90	279.63	282.9

Box Number	From (m)	To (m)
91	282.9	286.02
92	286.02	289.2
93	289.2	292.39
94	292.39	295.52
95	295.52	298.65
96	298.65	301.75
97	301.75	305
98	305	308.08
99	308.08	311.13
100	311.13	314.32
101	314.32	317.61
102	317.61	320.76
103	320.76	323.8
104	323.8	327.17
105	327.17	330.32
106	330.32	333.55
107	333.55	336.91
108	336.91	340.25
109	340.25	343.51
110	343.51	346.73
111	346.73	350.11
112	350.11	353.4
113	353.4	356.61
114	356.61	359.9
115	359.9	363.1
116	363.1	366.3
117	366.3	369.05
118	369.05	372.7
119	372.7	375.41
120	375.41	378.69
121	378.69	381.92
122	381.92	384.96
123	384.96	388.07
124	388.07	389.35

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-199									
	104.26	13.5	HQ	VEN	1361.9	927.8	3.45	3.1	Smoky quartz vein with netter grey quartz veinlets and netted white carbonate veinlets. Hosts banded zoned honey brown sphalerite. Blebby pyrite and disseminated galena.
	141.36	2.7	HQ	GRD	343.8	238.4	4.36	3.3	Banded milky quartz-ankerite vein with bands hosting blebby, ankerite margins and massive intermixed blebby galena, (honey brown and blackjack) sphalerite, ankerite and pyrite.
	141.61	11.9	HQ	GRD	1092.3	714.1	3.14	2.9	Moderate to strong phyllic (strongest approaching vein) altered granodiorite with moderate propalytic overprint and moderate silicification. 2.5 centimeter vein breccia with disseminated arsenopyrite, blebby zoned sphalerite, blebby galena, blebby and disseminated pyrite. Discontinuous net textured pink ankerite (rhodocrosite?) and calcite veinlets throughout.
	193.69	10.6	HQ	GRD	1227.8	887.2	3.96	3.6	Milky, smoky quartz vein with blebby pyrite, honey brown sphalerite and disseminated pyrite, arsenopyrite, galena and honey brown and blackjack sphalerite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	195.9	13.5	HQ	GRD	1294.2	866.2	3.28	3.0	Banded smoky quartz-calcite vein. Hosting blebby pyrite, galena, arsenopyrite, honey brown sphalerite and bladed clacite. 3.7 centimeter vein obliterated strongly silicified, phyllic altered granodiorite with disseminated pyrite.
	252.07	11.2	HQ	GRD	1063.7	704.8	3.25	3.0	Strongly phyllic altered granodiorite with strong silicification and disseminated pyrite hosting smoky quartz vein with blebby (tellerium hosting) galena, (honey brown and blackjack) sphalerite and ankerite with disseminated pyrite.
	284.56	7.9	HQ	GRD	1106	857.5	4.79	4.5	Quartz vein hosting intermixed semi-massive pyrite, (blackjack) sphalerite, glanea with disseminated arsenopyrite and blebby
	284.56	7.9	HQ	VEN	1106	857.5	4.79	4.5	Quartz vein hosting intermixed semi-massive pyrite, (blackjack) sphalerite, glanea with disseminated arsenopyrite and blebby
	308.08	12.1	HQ	BXA	1054.9	669.2	2.98	2.7	Sub-rounded, matrix dominated, moderately silicified smoky quartz breccia with mostly quartz feldspar dyke clasts. Hosting disseminated disseminated pyrite and galena.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	320.55	9.9	HQ	GRD	893.9	578.7	3.09	2.8	Strong phyllic altered granodiorite with strong silicification and disseminated pyrite. Hosting 4.2 centimeter smoky quartz breccia with rounded silicified clasts, disseminated pyrite and galena.
	335.37	10.8	HQ	QFP	954.2	615.6	3.02	2.8	Lt grey quartz feldspar dyke with blebby pyrite.
	340.13	11.7	HQ	GRD	1154.9	795.5	3.38	3.2	Strong phyllic altered granodiorite with moderate silicification. Hosting 6.5 centimeter milky quartz vein with banded honey brown sphalerite, arsenopyrite, pyrite and galena and blebby pyrite, cream ankerite, galena, sphalerite and arsenopyrite.
	352.25	16.2	HQ	GRD	1820	1293.3	3.84	3.5	8 centimeter quartz vein with semi-massive to massive blackjack sphalerite with banded arsenopyrite, blebby pyrite, galena, chalcopyrite and disseminated jamesonite. 7 centimeter fine smoky quartz breccia with disseminated pyrite, arsenopyrite and 2.8 centimeter strong phyllic altered granodiorite with strong silicification and disseminated pyrite and arsenopyrite.
	377.49	5.5	HQ	GRD	732	564.3	4.55	4.4	Clear quartz vein with intermixed semi-massive blackjack sphalerite and pyrite

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	9.46	7.94	GRD	MG	Patchy propylitic and potassic altered granodiorite with oxidation on fractures and pervasive in argillic halos. Some argillic is crumbled-gouged.							
						MD	BN	RB	PRO	2I		
						MD	GN	PA	POT	1I		
						MD	GY	FR	OXI	3I		
									ARG	2I		
9.46	20.72	11.26	GRD	MG	Patchy propylitic and potassic altered granodiorite with oxidation on fracture (less than previous) and pervasive in argillic halos. Some argillic is crumbled-gouged.							
						MD	BN	PA	PRO	2I		
						MD	GY	FR	OXI	3I		
						MD	GN		POT	1I		
									ARG	2I		
20.72	28.95	8.23	GRD	MG	Overprinting vein halos with phyllic, argillic, propylitic, and potassic patches. Oxidation on fractures, stronger in argillic. Gouged at 22.8-23.75m. Cut mainly by quartz-pyrite veinlets/stringers and pyrite-sphalerite-galena veins at 27.4-29.8m.							
						MD	GN	PA	OXI	2I		
						MD	BN		PRO	2I		
						MD	PK		POT	1I		
						LT	GN		SIL	2I		
									PHC	2I		
									ARG	2I		
28.95	29.57	0.62	GRD	MG	Weakly altered granodiorite with oxidation on fractures.							
						MD	GY	PA	SIL	2I		
						MD	GN		OXI	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						LT	BN		POT	1I		
29.57	30.53	0.96	GRD	MG	Weak phyllic-argillic halo on few quartz-carbonate veinlets with pyrite.							
						MD	GN		PHC	2I		
						LT	GN		OXI	1I		
									ARG	1I		
30.53	35.82	5.29	GRD	MG	Weakly altered granodiorite with oxidation on fractures.							
						MD	GY	PA	OXI	1I		
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
						LT	BN		POT	1I		
35.82	36.33	0.51	GRD	MG	Weak phyllic-argillic halo on few quartz-carbonate veinlets with pyrite.							
						MD	GN		PHC	2I		
						LT	GN		OXI	1I		
									ARG	1I		
36.33	37.30	0.97	GRD	MG	Weakly altered granodiorite with oxidation on fractures.							
						MD	GY		OXI	1I		
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
						LT	BN		POT	1I		
37.30	39.42	2.12	GRD	MG	Wide phyllic-argillic vein halos on smoky quartz-carbonate veins with disseminated-blebby pyrite. Oxidation on fractures.							
						MD	BN		ARG	2I		
						LT	GN		OXI	2I	Py	1
									PHC	3I		
39.42	40.67	1.25	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite with oxidation on fractures.							
						MD	GY		OXI	1I		
						MD	GN		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
									POT	1I		
40.67	42.84	2.17	GRD	MG	Phyllic-argillic halo on breccia. Silica overprint.							
						MD	BN		PHC	3I		
						LT	GN		SIL	2I		
									ARG	2I		
42.84	43.70	0.86	BXA	FG	Black tourmaline and quartz cemented breccia. Cement is soft, with well defined blades of fine black tourmaline. Disseminated pyrite in cement. Hosts rounded phyllic altered granodiorite clasts.							
						LT	GN	BX	OXI	1I	Py	1
						DK	BK		PHC	3I	To	20
43.70	46.05	2.35	GRD	MG	Phyllic-argillic halo on breccia with silica overprint.							
						MD	BN		PHC	3I		
						LT	GN		SIL	2I		
									ARG	2I		
46.05	48.07	2.02	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic alteration. Weak oxidation on fractures.							
						MD	GY	PA	OXI	1I		
						MD	GN		SIL	2I		
						MD	PK		POT	1I		
						LT	BN		PRO	2I		
48.07	50.05	1.98	GRD	MG	Weak phyllic-argillic halo on quartz-pyrite veinlets.							
						LT	GN		SIL	2I		
						LT	WH		PHC	3I		
									ARG	2I		
50.05	52.90	2.85	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic alteration. Weak oxidation on fractures.							
						MD	PK		POT	1I		
						MD	GY		OXI	1I		
						MD	GN		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	BN		PRO	2I		
52.90	56.26	3.36	GRD	MG	Phyllic-argillic vein halos with pervasive moderate silica overprint. Oxidation is semi-pervasive outward from fractures. Disseminated pyrite throughout. Cut by smoky quartz-carbonate veinlets.							
						MD	BN		OXI	2I	Py	1
						MD	GY		SIL	3I		
						LT	GN		PHC	1I		
									ARG	1I		
56.26	60.90	4.64	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite with oxidation on fractures.							
						MD	PK		PRO	1I		
						MD	GY		OXI	1I		
						MD	GN		SIL	2I		
									POT	1I		
60.90	62.76	1.86	GRD	MG	Phyllic-argillic vein halo on smoky quartz breccias. Semi-pervasive oxidation.							
						MD	GY		OXI	2I		
						MD	GN		SIL	2I		
						MD	BN		PHC	2I		
									ARG	1I		
62.76	63.67	0.91	VEN	MG	Two well-mineralized smoky quartz-carbonate breccias hosting galena, sphalerite, and pyrite. Lower breccia has aphanitic quartz (jasper).							
						MD	BN		PHC	3I	Sp	2
						LT	GN		SIL	3I	Gn	5
						DK	GY		OXI	2I	Py	5
63.67	66.53	2.86	GRD	MG	Phyllic-argillic halo on prevasive smoky quartz breccias. Minor smoky quartz-carbonate breccia at 66.30m.							
						LT	GN		OXI	1I	Py	1
									PHC	3I		
									ARG	1I		
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
66.53	68.40	1.87	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic.							
						MD	GY	PA	OXI	1I		
						MD	PK		SIL	2I		
						LT	GN		PRO	2I		
									POT	1I		
68.40	69.90	1.50	GRD	MG	Phyllic-argillic halo on clear quartz with blebby sphalerite and pyrite. Oxidation on fractures.							
						LT	GN		OXI	1I		
						LT	BN		SIL	2I		
									PRO	1I		
									POT	1I		
69.90	74.31	4.41	GRD	MG	Pervasive silicification and propylitic with patchy potassic. Weak oxidation on fractures.							
						MD	PK		PRO	1I		
						MD	GN		SIL	2I		
						MD	GY		OXI	1I		
									POT	1I		
74.31	75.84	1.53	GRD	MG	Phyllic-argillic halo on clear quartz with blebby sphalerite and pyrite. Oxidation on fractures.							
						LT	GN		OXI	1I		
						LT	BN		SIL	2I		
									PHC	3I		
									ARG	1I		
75.84	84.07	8.23	GRD	MG	Pervasive weak-trace silicification and propylitic, with patchy trace potassic. Cut by occasional phyllic-argillic halos on veins.							
						MD	GY	PA	SIL	2I		
						LT	PK		PRO	1I		
									PHC	1I		
									ARG	1I		
									POT	1I		
84.07	85.96	1.89	GRD	MG	Phyllic-argillic halo on smoky quartz-carbonate veins with disseminated pyrite and patchy potassic.							
						LT	PK		PHC	3I		
						LT	WH		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	1I		
									ARG	2I		
85.96	99.53	13.57	GRD	MG	Pervasive weak-trace silicification and propylitic with patchy trace potassic.							
						MD	GY		SIL	2I		
						LT	PK		PRO	1I		
									POT	1I		
99.53	100.52	0.99	GRD	MG	Weak phyllic vein halo with propylitic and silica overprint and oxidation on fractures.							
						MD	GY		OXI	1I		
						LT	GN		SIL	1I		
									PRO	1I		
									PHC	1I		
100.52	103.75	3.23	GRD	MG	Pervasive weak-trace silicification and propylitic with patchy trace potassic.							
						MD	GY		SIL	2I		
						LT	PK		PRO	1I		
									POT	1I		
103.75	105.13	1.38	GRD	MG	Vein and its phyllic-argillic halo. Weak oxidation on fractures.							
						MD	GY		ARG	2I		
						LT	GN		OXI	1I		
						LT	WH		PHC	2I		
						LT	BN		POT	1I		
105.13	106.79	1.66	GRD	MG	Weak pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	GN		POT	1I		
						MD	GY		SIL	2I		
						LT	PK		PRO	2I		
									PHC	1I		
106.79	108.33	1.54	GRD	MG	Phyllic-argillic vein halos on white-tan calcite-ankerite veins. Patchy silicification and propylitic overprints. Disseminated-blebby pyrite in carbonate vein.							
						MD	GN	PA	SIL	2I		
						LT	GN		PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	PK		ARG	2I		
									PRO	1I		
108.33	113.06	4.73	GRD	MG	Weak pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						MD	GN		POT	1I		
						LT	PK		PRO	2I		
113.06	116.73	3.67	GRD	MG	Phyllic-argillic halo on several well-mineralized veins. Overprinted by propylitic, silicification, and patchy potassic. Veins are quartz-carbonate hosting pyrite, sphalerite, and galena.							
						MD	GN		SIL	2I		
						LT	PK		PHC	2I		
						LT	GN		PRO	3I		
									POT	1I		
									ARG	1I		
116.73	120.16	3.43	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
120.16	120.82	0.66	GRD	MG	Phyllic halo on cream carbonate-smoky quartz vein.							
						LT	GN		SIL	1I		
									PHC	2I		
120.82	124.47	3.65	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
									PHC	1I		
124.47	125.16	0.69	GRD	MG	Phyllic halo on cream carbonate-smoky quartz vein.							
						LT	GN		SIL	1I		
									PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
125.16	126.65	1.49	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
126.65	129.24	2.59	GRD	MG	Pervasive propylitic and silica altered granodiorite with phyllic-argillic vein halos.							
						MD	GN		SIL	2I		
						MD	GY		ARG	2I		
						LT	GN		PHC	2I		
									PRO	2I		
129.24	135.03	5.79	GRD	MG	Pervasive propylitic and silica altered granodiorite with phyllic-argillic vein halos.							
						MD	GN		PRO	2I		
						MD	GY		SIL	2I		
135.03	136.38	1.35	GRD	MG	Phyllic halo with moderate silicification around dark smoky quartz veins. Veins are weakly gouged. Host pyrite and galena.							
						MD	GY		PRO	2I		
						MD	GN		SIL	2I	Py	3
									PHC	2I		
									CLY	1I		
136.38	138.60	2.22	GRD	MG	Pervasive propylitic, silicification, and potassic with low angle fracturing.							
						MD	GN	FR	SIL	1I		
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
138.60	153.20	14.60	GRD	MG	Pervasive propylitic, silicification, and potassic alteration.							
						MD	GN		SIL	1I		
						MD	GY		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	1I		
153.20	156.55	3.35	GRD	MG	Wide phyllic-argillic halo on quartz-carbonate veinlets. Veinlets host pyrite, sphalerite, and galena.							
						MD	GN		PHC	2I		
						LT	GN	PA	SIL	3I		
						LT	PK		PRO	1I		
									POT	1I		
156.55	170.08	13.53	GRD	MG	Pervasively silicified granodiorite with patchy propylitic and potassic. Rare phyllic vein halos.							
						MD	GN		SIL	2I		
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
170.08	172.40	2.32	GRD	MG	Phyllic-argillic vein halos, generally with phyllic overprinting argillic. Patchy potassic. Cut by white-grey quartz-carbonate veins.							
						LT	GN		PHC	3I		
						LT	PK		ARG	2I		
									POT	1I		
172.40	189.91	17.51	GRD	MG	Pervasively silicified granodiorite with patchy propylitic and potassic. Rare phyllic vein halos.							
						MD	GN	PA	SIL	2I		
						MD	PK		POT	1I		
						MD	GY		PRO	2I		
189.91	199.14	9.23	GRD	MG	Phyllic-argillic halos on several well-mineralized veins. Argillic is typically overprinted by phyllic alteration. Veins are grey-smoky quartz and silicified white carbonate with semi-massive-blebby pyrite, blebby honey brown sphalerite, blebby galena, and blebby arsenopyrite. Disseminated pyrite in some phyllic halos.							
						LT	GN		SIL	2I	Py	1
						LT	WH		PHC	3I		
									ARG	2I		
199.14	199.67	0.53	GRD	MG	Pervasive propylitic, silicification, and potassic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		
199.67	201.22	1.55	GRD	MG	Phyllic-argillic vein halos with patchy potassic.							
						LT	WH		ARG	2I		
						LT	GN		SIL	1I		
						LT	PK		PHC	2I		
									POT	1I		
201.22	203.35	2.13	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite.							
						MD	PK		PRO	2I		
						MD	GY		POT	1I		
						MD	GN		SIL	1I		
203.35	204.46	1.11	GRD	MG	Phyllic vein halos with pervasive silica and propylitic overprint.							
						MD	GN		SIL	1I		
						LT	GN		PRO	2I		
									PHC	1I		
204.46	209.42	4.96	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite.							
						MD	GN		SIL	1I		
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
209.42	216.81	7.39	GRD	MG	Alternating patches of propylitic, potassic, and phyllic-argillic vein halos. Cut by white silicified carbonate veinlets at 3/m spacing.							
						MD	GN	PA	SIL	1I		
						MD	PK		POT	1I		
						LT	GN		PRO	2I		
						LT	WH		PHC	2I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
216.81	222.55	5.74	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite.							
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		
222.55	224.76	2.21	GRD	MG	Phyllic vein halo with weak propylitic and texture destructive silica overprint. Limited disseminated pyirte in phyllic silicified halo.							
						MD	GN		SIL	3I	Py	1
						MD	GY		PRO	1I		
						LT	GN		PHC	2I		
224.76	226.38	1.62	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite.							
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		
226.38	229.99	3.61	GRD	MG	Phyllic-argilllic vein halos on quartz-carbonate veins/breccias. Hosts pyrite, sphalerite, galena, +/- arsenopyrite.							
						LT	GN		SIL	2I	Py	1
						LT	GY		PHC	3I	Sp	1
									ARG	1I		
229.99	246.45	16.46	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite.							
						MD	GN	PA	SIL	2I		
						MD	GY		PRO	2I		
						LT	PK		POT	1I		
246.45	247.30	0.85	GRD	MG	Phyllic-argillic vein halo on quartz-carbonate-pyrite vein. Patchy potassic alteration in distal halo.							
						LT	PK		ARG	2I		
						LT	GN		SIL	1I		
						LT	WH		PHC	3I		
									POT	1I		
247.30	250.67	3.37	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	SIL	2I		
						MD	GY		PRO	2I		
						LT	PK		POT	1I		
250.67	260.75	10.08	GRD	MG	Phyllic-argillic halos on quartz-carbonate veins. Veins host pyrite, sphalerite, +/- arsenopyrite, and +/- galena. Weak clay alteration along cracks.							
						MD	GN		PHC	3I		
						LT	GN		SIL	1I		
						LT	GY		ARG	2I		
									PRO	1I		
									CLY	1I		
260.75	264.17	3.42	GRD	MG	Pervasive weak propylitic, potassic, and silicified granodiorite.							
						MD	PK		PRO	2I		
						MD	GN		SIL	1I		
									POT	2I		
264.17	266.98	2.81	GRD	MG	Moderate propylitic, silicification, and phyllic alterations that partially obscure primary textures. Cut by low density clear quartz-pyrite veinlets/stringers with narrow, well-defined grey silicified halos. Patchy potassic.							
						MD	GN	PA	SIL	3I	Py	1
						LT	GN		PRO	3I		
									PHC	3I		
									POT	1I		
266.98	273.91	6.93	GRD	MG	Pervasive propylitic and silicified granodiorite with wide phyllic-argillic vein halos. Veins are clear-smoky quartz with disseminated-blebby pyrite and carbonate.							
						MD	GN		SIL	2I		
						LT	GN		PRO	2I		
						LT	WH		PHC	2I		
									ARG	2I		
273.91	283.05	9.14	GRD	MG	Granodiorite with patchy silicification, propylitic, and potassic.							
						MD	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	2I		
									POT	2I		
283.05	284.56	1.51	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic and phyllic halos. Veinlets are clear-white qukartz-carbonate veinlets.							
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
						LT	GN		SIL	2I		
									PHC	1I		
284.56	285.09	0.53	VEN	MG	Phyllic altered granodiorite cut by black smoky quartz vein breccia, hosting pyrite, galena, and possible pyrargyrite (black, soft, metallic). Second breccia is mixed silicified calcite-quartz with blebby-disseminated pyrite, sphalerite, galena, and arsenopyrite.							
						LT	GN		SIL	1I	Py	5
						DK	GY		PHC	3I	Gn	3
											Py	3
285.09	291.41	6.32	QFP	FG	Light tan-green quartz feldspar porphyry dyke.							
						LT	TN	PO	SIL	1I		
						LT	GN		HYD	4I		
291.41	299.95	8.54	GRD	MG	Phyllic-argillic altered vein halos with patchy potassic. Most argillic has light green phyllic overprint. Cut by many clear-grey quartz veins with disseminated pyrite.							
						MD	PK		ARG	2I		
						LT	GN	PA	SIL	1I	Py	3
						LT	WH		PHC	3I		
									POT	2I		
299.95	301.46	1.51	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic.							
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		
301.46	302.61	1.15	GRD	MG	Phyllic-argillic vein halo with patchy potassic. Vein is grey-white quartz-carbonate with gouge. Hosts disseminated-blebby pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	2I		
						LT	GN	PA	PHC	2I	Py	1
						LT	WH		ARG	2I		
302.61	303.87	1.26	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic.							
						MD	PK		PRO	2I		
						MD	GN		SIL	1I		
									POT	1I		
303.87	304.30	0.43	GRD	MG	Phyllic-argillic halo on clear-white quartz veins with blebby pyrite. Patchy potassic.							
						LT	GN		PHC	2I	Py	1
						LT	WH		ARG	2I		
						LT	PK		POT	1I		
304.30	306.52	2.22	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic.							
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		
306.52	308.18	1.66	BXA	FG	Black, weakly hydrothermal and silicified quartz breccia with pebbly phyllic-altered granodiorite clasts.							
						LT	GN		PHC	2I		
						DK	BK	BX	SIL	1I	Py	2
									HYD	1I		
308.18	315.48	7.30	QFP	FG	Light green quartz feldspar porphyry dyke with irregular contact with granodiorite.							
						LT	GN	PO	SIL	1I		
						LT	GY		HYD	4I		
315.48	315.84	0.36	GRD	MG	Phyllic-argillic altered granodiorite with interfingered contact. 60 TCA top contact, 70 TCA bottom contact.							
						LT	WH		ARG	2I		
						LT	GN		PHC	2I		
315.84	316.42	0.58	QFP	FG	Light green quartz feldspar porphyry dyke with irregular contact with granodiorite.							
						LT	GN	PO	SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		HYD	4I		
316.42	318.85	2.43	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic. Phyllic halo on single quartz veinlet.							
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
						LT	GN		PHC	1I		
									POT	1I		
318.85	324.97	6.12	GRD	MG	Phyllic-argillic vein halos dominate, with intermittent propylitic and potassic alteration. Veins are clear-white quartz +/- carbonate, typically hosting pyrite, sphalerite, and galena. Patchy disseminated pyrite in groundmass.							
						MD	GN		PRO	1I		
						LT	GN	PA	PHC	3I	Py	1
						LT	WH		POT	2I		
						LT	PK		ARG	2I		
324.97	328.47	3.50	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		
328.47	331.00	2.53	GRD	MG	Phyllic-argillic halos on quartz veins with banded-colloform white-pink carbonate veins. Intermittent propylitic between halos. Patchy potassic on argillic and propylitic halos.							
						MD	GN		SIL	2I		
						MD	PK		PHC	3I		
						LT	GN		ARG	2I		
									POT	1I		
									PRO	1I		
331.00	333.01	2.01	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	GY		SIL	2I		
						MD	PK		PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		POT	1I		
333.01	335.05	2.04	GRD	MG	Phyllic-argillic vein halos on smoky quartz-carbonate veins with some aphanitic grey quartz. 60 TCA sharp contact with dyke.							
						LT	GN		SIL	2I	Py	1
						LT	WH		PHC	3I		
									ARG	2I		
335.05	336.85	1.80	QFP	FG	Light tan (near borders) to dark grey (centre) quartz feldspar porphyry dyke with disseminated pyrite throughout. Cut by quartz-carbonate veins with disseminated-blebby pyrite.							
						LT	TN	PO	SIL	2I	Py	3
						DK	GY		HYD	3I		
336.85	342.78	5.93	GRD	MG	Disseminated pyrite throughout groundmass. Patchy potassic overprint in propylitic and argillic. Dominated by phyllic-argillic halos on many well mineralized veins. Veins are quartz-carbonate with sphalerite, pyrite, galena, and arsenopyrite. Cut by frequent pyrite stringers.							
						MD	PK		PHC	3I		
						MD	GN		POT	1I		
						LT	GN	PA	SIL	2I	Py	2
						LT	WH		PRO	1I		
									ARG	2I		
342.78	350.83	8.05	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite with few phyllic vein halos.							
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
						LT	GN		POT	1I		
									PHC	1I		
350.83	362.25	11.42	GRD	MG	Disseminated pyrite throughout groundmass. Patchy potassic overprint in propylitic and argillic. Dominated by phyllic-argillic halos on many well mineralized veins. Veins are quartz-carbonate with sphalerite, pyrite, galena, and arsenopyrite. Cut by frequent pyrite stringers. Cut by vuggy white quartz-calcite veins with euhedral crystals.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	SIL	2I	Py	2
						MD	PK		PRO	1I		
						LT	GN		POT	1I		
						LT	WH		PHC	3I		
									ARG	2I		
362.25	362.57	0.32	VEN	MG	Dark grey smoky quartz vein with massive black jack/honey brown sphalerite, massive-blebby pyrargyrite, chalcopyrite, pyrite, galena, arsenopyrite, and trace disseminated jamesonite. Phyllic halo.							
						MD	GY		SIL	3I	Py	5
						DK	GY		PHC	1I	As	2
											Pg	10
											Cp	7
											Gn	3
											Jm	1
											Sp	20
362.57	364.55	1.98	GRD	MG	Granodiorite with overlapping phyllic-argillic vein halos on smoky quartz-carbonate veinlets and stringers with disseminated pyrite.							
						LT	GN		PHC	3I	Py	1
						LT	GY		ARG	2I		
						LT	WH					
364.55	371.38	6.83	QFP	FG	Sharp 50 TCA top contact with granodiorite. Strange fluid-phase mixing of quartz feldspar porphyry dykes of differing colours at 364.70m. Narrow brecciation at 365.34-365.38m. Cut by black breccia at 368.50m hosting pyrite and sphalerite. Sharp 55 TCA bottom contact.							
						LT	TN	PO	SIL	2I		
						LT	GY		HYD	4I		
						LT	GN					
371.38	375.41	4.03	GRD	MG	Dominated by phyllic-argillic halos on mostly smoky quartz-carbonate veinlets and veins. These features host pyrite and sphalerite. Patchy potassic on and argillic. Softened near upper quartz feldspar porphyry dyke contact.							
						MD	GN		ARG	3I		
						MD	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	SIL	2I	Py	1
						LT	WH		PHC	3I		
375.41	377.82	2.41	GRD	MG	Pervasive propylitic, potassic, and silicification.							
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
377.82	378.04	0.22	GRD	MG	Phyllic-argillic halo on prominent smoky quartz veins with blebby-massive pyrite, sphalerite, and galena.							
						LT	GN		SIL	2I	Py	1
						LT	WH		PHC	3I	Sp	1
									ARG	2I		
378.04	382.55	4.51	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite.							
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
382.55	385.88	3.33	GRD	MG	Patchy phyllic-argillic vein halos with intermittent propylitic and patchy potassic overprint. Veins are smoky quartz-carbonate with pyrite and sphalerite.							
						MD	GN		PHC	2I		
						MD	PK		PRO	2I		
						LT	GN	PA	SIL	1I		
									POT	1I		
									ARG	1I		
385.88	389.35	3.47	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite.							
						MD	GN		SIL	3I		
						MD	PK		PRO	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	20.72	19.20	GRD	MG	Patchy propylitic and potassic altered granodiorite with oxidation on fractures and pervasive in argillic halos. Some argillic is crumbled-gouged.							
									ARG	2I		
						MD	GY	FR	OXI	2I		
						MD	BN	RB	PRO	2I		
						MD	GN	PA	POT	1I		
20.72	28.95	8.23	GRD	MG	Overprinting vein halos with phyllic, argillic, propylitic, and potassic patches. Oxidation on fractures, stronger in argillic. Gouged at 22.8-23.75m. Cut mainly by quartz-pyrite veinlets/stringers and pyrite-sphalerite-galena veins at 27.4-29.8m.							
						LT	BN		SIL	2I		
						MD	PK		PRO	2I		
						LT	GN		POT	1I		
									PHC	2I		
									ARG	2I		
						MD	GN	PA	OXI	2I		
28.95	37.30	8.35	GRD	MG	Weakly altered granodiorite with few phyllic-argillic vein halos. Oxidation on fractures and stronger in argillic.							
						LT	BN		POT	1I		
						MD	PK		PRO	2I		
						MD	GN		SIL	2I		
						MD	GY	PA	OXI	1I		
									ARG	1I		
									PHC	1I		
37.30	52.90	15.60	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic alteration. Phyllic-argillic vein halos on typically smoky quartz-carbonate with pyrite. Oxidation on fractures.							
						MD	GN		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	OXI	1I		
									PHC	3I		
						LT	BN		PRO	2I		
						MD	PK		POT	1I		
									ARG	1I		
52.90	56.26	3.36	GRD	MG	Phyllic-argillic vein halos with pervasive moderate silica overprint. Oxidation is semi-pervasive outward from fractures. Disseminated pyrite throughout. Cut by smoky quartz-carbonate veinlets.							
									ARG	1I		
						MD	BN		OXI	2I	Py	1
						MD	GY		SIL	3I		
						LT	GN		PHC	1I		
56.26	60.90	4.64	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite with oxidation on fractures.							
									POT	1I		
						MD	GY		OXI	1I		
						MD	PK		PRO	1I		
						MD	GN		SIL	2I		
60.90	62.76	1.86	GRD	MG	Phyllic-argillic vein halo on smoky quartz breccias. Semi-pervasive oxidation.							
									ARG	1I		
						MD	BN		PHC	2I		
						MD	GY		OXI	2I		
						MD	GN		SIL	2I		
62.76	63.67	0.91	VEN	MG	Two well-mineralized smoky quartz-carbonate breccias hosting galena, sphalerite, and pyrite. Lower breccia has aphanitic quartz (jasper).							
						DK	GY		OXI	2I	Py	5
						LT	GN		SIL	3I	Gn	5
						MD	BN		PHC	3I	Sp	2
63.67	66.53	2.86	GRD	MG	Phyllic-argillic halo on prevasive smoky quartz breccias. Minor smoky quartz-carbonate breccia at 66.30m.							
									ARG	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	3I		
									OXI	1I		
						LT	GN		SIL	2I	Py	1
66.53	75.84	9.31	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic and phyllic-argillic vein halos.							
						LT	GN		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
									PHC	1I		
									ARG	1I		
						MD	GY	PA	OXI	1I		
75.84	103.75	27.91	GRD	MG	Pervasive weak-trace silicification and propylitic, with patchy trace potassic. Cut by occasional phyllic-argillic halos on veins.							
						MD	GY	PA	SIL	2I		
									ARG	1I		
									PHC	1I		
						LT	PK		PRO	1I		
									POT	1I		
103.75	105.13	1.38	VEN	MG	Vein and its phyllic-argillic halo. Weak oxidation on fractures.							
						LT	GN		OXI	1I	Py	1
						LT	WH		SIL	2I	Sp	2
						MD	GY		PHC	3I	Gn	1
						LT	BN		ARG	1I		
105.13	113.06	7.93	GRD	MG	Weak pervasive propylitic and silicified granodiorite with patchy potassic. Phyllic-argillic vein halos.							
									PHC	1I		
						MD	GN		POT	1I		
						LT	PK		PRO	2I		
						MD	GY		SIL	2I		
113.06	116.73	3.67	GRD	MG	Phyllic-argillic halo on several well-mineralized veins. Overprinted by propylitic, silicification, and patchy potassic. Veins are quartz-carbonate hosting pyrite, sphalerite, and galena.							
						LT	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	PK		PHC	2I		
									ARG	1I		
									POT	1I		
						MD	GN		SIL	2I		
116.73	126.65	9.92	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic. Phyllic halos on few veins.							
						MD	GY		SIL	2I		
						MD	GN		PRO	2I		
						LT	PK		POT	1I		
126.65	129.24	2.59	GRD	MG	Pervasive propylitic and silica altered granodiorite with phyllic-argillic vein halos.							
						MD	GN		SIL	2I		
									PRO	2I		
						LT	GN		PHC	2I		
						MD	GY		ARG	2I		
129.24	135.03	5.79	GRD	MG	Pervasive silicified and propylitic altered granodiorite.							
						MD	GY		SIL	2I		
						MD	GN		PRO	2I		
135.03	136.38	1.35	GRD	MG	Phyllic halo with moderate silicification around dark smoky quartz veins. Veins are weakly gouged. Host pyrite and galena.							
									CLY	1I		
						MD	GN		SIL	2I	Py	3
						MD	GY		PRO	2I		
						MD	GN		PHC	2I		
136.38	138.60	2.22	GRD	MG	Pervasive propylitic, silicification, and potassic with low angle fracturing.							
						MD	PK		POT	1I		
						MD	GY		PRO	2I		
						MD	GN	FR	SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
138.60	153.20	14.60	GRD	MG	Pervasive propylitic, silicification, and potassic alteration.							
						MD	GN		SIL	1I		
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
153.20	156.55	3.35	GRD	MG	Wide phyllic-argillic halo on quartz-carbonate veinlets. Veinlets host pyrite, sphalerite, and galena.							
									POT	1I		
						LT	GN	PA	SIL	3I		
						LT	PK		PRO	1I		
						MD	GN		PHC	2I		
156.55	189.91	33.36	GRD	MG	Pervasively silicified granodiorite with patchy propylitic and potassic. Rare phyllic vein halos.							
						MD	PK		POT	1I		
						MD	GY		PRO	2I		
						MD	GN	PA	SIL	2I		
189.91	201.22	11.31	GRD	MG	Phyllic-argillic halos on several well-mineralized veins. Argillic is typically overprinted by phyllic alteration. Veins are grey-smoky quartz and silicified white carbonate with semi-massive-blebby pyrite, blebby honey brown sphalerite, blebby galena, and blebby arsenopyrite. Disseminated pyrite in some phyllic halos.							
									ARG	2I		
						LT	WH		PHC	3I		
						LT	GN		SIL	2I	Py	1
201.22	209.42	8.20	GRD	MG	Pervasive propylitic, silicification, and potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
						MD	GN		SIL	1I		
209.42	216.81	7.39	GRD	MG	Alternating patches of propylitic, potassic, and phyllic-argillic vein halos. Cut by white silicified carbonate veinlets at 3/m spacing.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	2I		
						MD	PK		POT	1I		
						MD	GN	PA	SIL	1I		
						LT	WH		PHC	2I		
						LT	GN		PRO	2I		
216.81	226.38	9.57	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite.							
									POT	1I		
						MD	PK		PRO	2I		
						MD	GN		SIL	1I		
226.38	229.99	3.61	GRD	MG	Phyllic-argilllic vein halos on quartz-carbonate veins/breccias. Hosts pyrite, sphalerite, galena, +/- arsenopyrite.							
						LT	GN		SIL	2I	Py	1
						LT	GY		PHC	3I	Sp	1
									ARG	1I		
229.99	250.67	20.68	GRD	MG	Pervasive silicification, propylitic, and potassic altered granodiorite with few phyllic-argillic vein halos.							
						LT	PK		POT	1I		
						MD	GY		PRO	2I		
						MD	GN	PA	SIL	2I		
250.67	260.75	10.08	GRD	MG	Phyllic-argillic halos on quartz-carbonate veins. Veins host pyrite, sphalerite, +/- arsenopyrite, and +/- galena. Weak clay alteration along cracks.							
						MD	GN		PHC	3I		
									CLY	1I		
						LT	GY		ARG	2I		
						LT	GN		SIL	1I		
									PRO	1I		
260.75	264.17	3.42	GRD	MG	Pervasive weak propylitic, potassic, and silicified granodiorite.							
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
264.17	266.98	2.81	GRD	MG	Moderate propylitic, silicification, and phyllic alterations that partially obscure primary textures. Cut by low density clear quartz-pyrite veinlets/stringers with narrow, well-defined grey silicified halos. Patchy potassic.							
									POT	1I		
						MD	GN	PA	SIL	3I	Py	1
						LT	GN		PRO	3I		
						MD	PK		PHC	3I		
266.98	273.91	6.93	GRD	MG	Pervasive propylitic and silicified granodiorite with wide phyllic-argillic vein halos. Veins are clear-smoky quartz with disseminated-blebby pyrite and carbonate.							
						LT	WH		PHC	2I		
						LT	GN		PRO	2I		
						MD	GN		SIL	2I		
									ARG	2I		
273.91	283.05	9.14	GRD	MG	Granodiorite with patchy silicification, propylitic, and potassic.							
						MD	GY		SIL	2I		
						MD	GN		PRO	2I		
									POT	2I		
283.05	284.56	1.51	GRD	MG	Pervasive propylitic and silica altered granodiorite with patchy potassic and phyllic halos. Veinlets are clear-white qukartz-carbonate veinlets.							
									PHC	1I		
						LT	GN		SIL	1I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
284.56	285.09	0.53	VEN	MG	Phyllic altered granodiorite cut by black smoky quartz vein breccia, hosting pyrite, galena, and possible pyrargyrite (black, soft, metallic). Second breccia is mixed silicified calcite-quartz with blebby-disseminated pyrite, sphalerite, galena, and arsenopyrite.							
						DK	GY		PHC	3I	Py	3
						LT	GN		SIL	1I	Gn	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Py	5
285.09	291.41	6.32	QFP	FG	Light tan-green quartz feldspar porphyry dyke.							
						LT	TN	PO	SIL	1I		
						LT	GN		HYD	4I		
291.41	299.95	8.54	GRD	MG	Phyllic-argillic altered vein halos with patchy potassic. Most argillic has light green phyllic overprint. Cut by many clear-grey quartz veins with disseminated pyrite.							
						LT	GN	PA	SIL	1I	Py	3
						LT	WH		PHC	3I		
						MD	PK		ARG	2I		
									POT	2I		
299.95	306.52	6.57	GRD	MG	Pervasive silicification and propylitic altered granodiorite with patchy potassic. Cut by few mineralized quartz veins with wide phyllic-argillic halo.							
									ARG	1I		
						LT	GN		PHC	1I		
						LT	WH		POT	1I		
						MD	PK		PRO	2I		
						MD	GN	PA	SIL	1I		
306.52	308.18	1.66	BXA	FG	Black, weakly hydrothermal and silicified quartz breccia with pebbly phyllic-altered granodiorite clasts.							
						LT	GN		PHC	2I		
									HYD	1I		
						DK	BL	BX	SIL	1I	Py	2
308.18	316.42	8.24	QFP	FG	Light green quartz feldspar porphyry dyke with irregular contact with granodiorite.							
						LT	GN	PO	SIL	1I		
						LT	GY		HYD	4I		
316.42	318.85	2.43	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic. Phyllic halo on single quartz veinlet.							
						LT	GN		PHC	1I		
									POT	1I		
						MD	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		SIL	1I		
318.85	324.97	6.12	GRD	MG	Phyllic-argillic vein halos dominate, with intermittent propylitic and potassic alteration. Veins are clear-white quartz +/- carbonate, typically hosting pyrite, sphalerite, and galena. Patchy disseminated pyrite in groundmass.							
						MD	GN	PA	PHC	3I	Py	1
						LT	PK		POT	2I		
						LT	GN		ARG	2I		
						LT	WH		PRO	1I		
324.97	333.01	8.04	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic and phyllic-argillic vein halos.							
									ARG	1I		
						LT	WH		PHC	1I		
						LT	GN		POT	1I		
						MD	PK		PRO	2I		
						MD	GN	PA	SIL	1I		
333.01	335.05	2.04	GRD	MG	Phyllic-argillic vein halos on smoky quartz-carbonate veins with some aphanitic grey quartz. 60 TCA sharp contact with dyke.							
						LT	GN		SIL	2I	Py	1
						LT	WH		PHC	3I		
									ARG	2I		
335.05	336.85	1.80	QFP	FG	Light tan (near borders) to dark grey (centre) quartz feldspar porphyry dyke with disseminated pyrite throughout. Cut by quartz-carbonate veins with disseminated-blebby pyrite.							
						LT	TN	PO	SIL	2I	Py	3
						DK	GY		HYD	3I		
336.85	342.78	5.93	GRD	MG	Disseminated pyrite throughout groundmass. Patchy potassic overprint in propylitic and argillic. Dominated by phyllic-argillic halos on many well mineralized veins. Veins are quartz-carbonate with sphalerite, pyrite, galena, and arsenopyrite. Cut by frequent pyrite stringers.							
						MD	PK		PHC	3I		
						LT	GN	PA	SIL	2I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		POT	1I		
									ARG	2I		
						LT	WH		PRO	1I		
342.78	350.83	8.05	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite with few phyllic vein halos.							
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
						LT	GN		POT	1I		
									PHC	1I		
350.83	362.25	11.42	GRD	MG	Disseminated pyrite throughout groundmass. Patchy potassic overprint in propylitic and argillic. Dominated by phyllic-argillic halos on many well mineralized veins. Veins are quartz-carbonate with sphalerite, pyrite, galena, and arsenopyrite. Cut by frequent pyrite stringers. Cut by vuggy white quartz-calcite veins with euhedral crystals.							
						LT	WH		PHC	3I		
						LT	GN		POT	1I		
						MD	PK		PRO	1I		
									ARG	2I		
						MD	GN	PA	SIL	2I	Py	2
362.25	362.57	0.32	VEN	MG	Dark grey smoky quartz vein with massive black jack/honey brown sphalerite, massive-blebby pyrargyrite, chalcopyrite, pyrite, galena, arsenopyrite, and trace disseminated jamesonite. Phyllic halo.							
											Jm	1
						MD	GY		SIL	3I	Py	5
						DK	GY		PHC	1I	As	2
											Sp	20
											Pg	10
											Gn	3
											Cp	7
362.57	364.55	1.98	GRD	MG	Granodiorite with overlapping phyllic-argillic vein halos on smoky quartz-carbonate veinlets and stringers with disseminated pyrite.							
						LT	GN		PHC	3I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		ARG	2I		
						LT	WH					
364.55	371.38	6.83	QFP	FG	Sharp 50 TCA top contact with granodiorite. Strange fluid-phase mixing of quartz feldspar porphyry dykes of differing colours at 364.70m. Narrow brecciation at 365.34-365.38m. Cut by black breccia at 368.50m hosting pyrite and sphalerite. Sharp 55 TCA bottom contact.							
						LT	GN	PO	SIL	1I		
						LT	TN					
						LT	GY		HYD	4I		
371.38	378.04	6.66	GRD	MG	Dominated by phyllic-argillic halos on mostly smoky quartz-carbonate veinlets and veins. These features host pyrite and sphalerite. Patchy potassic on propylitic and argillic. Softened near upper quartz feldspar porphyry dyke contact.							
						LT	GN	PA	SIL	2I	Py	1
									POT	1I		
						LT	WH		PHC	3I		
						MD	PK		PRO	2I		
						MD	GN		ARG	3I		
378.04	382.55	4.51	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite.							
						MD	GN		SIL	2I		
						MD	PK		PRO	2I		
									POT	1I		
382.55	385.88	3.33	GRD	MG	Patchy phyllic-argillic vein halos with intermittent propylitic and patchy potassic overprint. Veins are smoky quartz-carbonate with pyrite and sphalerite.							
						LT	GN	PA	SIL	1I		
						MD	GN		PHC	2I		
						MD	PK		PRO	2I		
									POT	1I		
									ARG	1I		
385.88	389.35	3.47	GRD	MG	Pervasive silicified, propylitic, and potassic altered granodiorite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		SIL	3I		
						MD	PK		PRO	2I		
									POT	1I		

KL-14-199

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	5.18	3.66	2.02	55	0.63	17	--	3H	2W	quite rubbly
5.18	8.23	3.05	2.77	91	1.03	34	--	3H	3W	quite rubbly
8.23	11.28	3.05	3.05	100	0.99	32	--	4H	3W	
11.28	14.33	3.05	2.89	95	2.40	79	--	4H	2W	
14.33	17.37	3.04	2.94	97	1.09	36	--	4H	2W	
17.37	20.42	3.05	3.05	100	2.01	66	--	3H	3W	
20.42	23.47	3.05	3.04	100	2.04	67	--	3H	3W	
23.47	26.52	3.05	3.05	100	2.33	76	--	4H	2W	
26.52	29.57	3.05	3.05	100	1.90	62	--	3H	3W	
29.57	32.61	3.04	3.04	100	2.24	74	--	4H	2W	
32.61	35.66	3.05	3.05	100	2.60	85	--	5H	2W	
35.66	38.71	3.05	3.05	100	2.17	71	--	3H	2W	
38.71	41.76	3.05	3.02	99	2.62	86	--	4H	2W	
41.76	44.81	3.05	2.84	93	2.39	78	--	4H	2W	
44.81	47.85	3.04	3.04	100	2.81	92	--	5H	2W	
47.85	50.90	3.05	3.05	100	2.69	88	--	5H	2W	
50.90	53.95	3.05	3.01	99	2.15	70	--	5H	2W	
53.95	57.00	3.05	3.05	100	1.93	63	--	4H	2W	
57.00	60.05	3.05	3.05	100	2.30	75	--	4H	2W	
60.05	63.09	3.04	3.04	100	2.09	69	--	4H	2W	
63.09	66.14	3.05	3.05	100	2.40	79	--	4H	2W	
66.14	69.19	3.05	3.05	100	2.51	82	--	4H	2W	
69.19	72.24	3.05	2.97	97	2.88	94	--	4H	2W	
72.24	75.29	3.05	2.85	93	2.24	73	--	4H	2W	
75.29	78.33	3.04	3.02	99	2.89	95	--	4H	1W	
78.33	81.38	3.05	3.04	100	2.71	89	--	4H	2W	
81.38	84.43	3.05	3	98	2.56	84	--	4H	2W	
84.43	87.48	3.05	3	98	2.78	91	--	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	2.66	87	--	4H	2W	
90.53	93.57	3.04	3	99	2.16	71	--	4H	2W	
93.57	96.62	3.05	2.97	97	2.22	73	--	4H	2W	
96.62	99.67	3.05	3.05	100	1.71	56	--	4H	2W	
99.67	102.72	3.05	2.89	95	2.12	70	--	4H	2W	
102.72	105.77	3.05	3.05	100	2.29	75	--	4H	2W	
105.77	108.81	3.04	3.04	100	2.32	76	--	3H	1W	
108.81	111.86	3.05	3.05	100	2.53	83	--	4H	1W	
111.86	114.91	3.05	3.02	99	2.41	79	--	4H	1W	
114.91	117.96	3.05	2.94	96	1.83	60	--	3H	1W	
117.96	121.01	3.05	3.03	99	2.32	76	--	4H	1W	
121.01	124.05	3.04	2.91	96	2.29	75	--	4H	1W	
124.05	127.10	3.05	3.05	100	2.20	72	--	4H	1W	
127.10	130.15	3.05	3.05	100	2.68	88	--	4H	1W	
130.15	133.20	3.05	2.95	97	1.90	62	--	3H	1W	
133.20	136.25	3.05	2.95	97	1.66	54	--	4H	1W	
136.25	139.29	3.04	2.88	95	0.54	18	--	3H	1W	
139.29	142.34	3.05	3.05	100	1.29	42	--	3H	1W	
142.34	145.39	3.05	3.04	100	2.45	80	--	4H	1W	
145.39	148.44	3.05	3.05	100	1.76	58	--	4H	1W	
148.44	151.49	3.05	2.98	98	1.89	62	--	4H	1W	
151.49	154.54	3.05	3.05	100	2.31	76	--	4H	1W	
154.54	157.58	3.04	2.89	95	1.95	64	--	4H	1W	
157.58	160.63	3.05	2.99	98	2.52	83	--	4H	1W	
160.63	163.68	3.05	3.05	100	2.16	71	--	4H	1W	
163.68	166.73	3.05	2.92	96	2.54	83	--	4H	1W	
166.73	169.77	3.04	3.04	100	2.59	85	--	4H	1W	
169.77	172.82	3.05	3.04	100	1.76	58	--	4H	1W	
172.82	175.87	3.05	3.05	100	2.49	82	--	4H	1W	
175.87	178.92	3.05	2.92	96	1.79	59	--	4H	1W	
178.92	181.97	3.05	3.05	100	2.25	74	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.9	95	2.86	94	--	4H	1W	
185.01	188.06	3.05	3.05	100	2.72	89	--	4H	1W	
188.06	191.11	3.05	2.99	98	2.99	98	--	4H	1W	
191.11	194.16	3.05	2.9	95	2.63	86	--	4H	1W	
194.16	197.21	3.05	3.02	99	2.26	74	--	4H	1W	
197.21	200.25	3.04	3.02	99	2.57	85	--	4H	1W	
200.25	203.30	3.05	2.94	96	2.41	79	--	4H	1W	
203.30	206.35	3.05	3.05	100	2.84	93	--	4H	1W	
206.35	209.40	3.05	2.98	98	2.64	87	--	4H	1W	
209.40	212.45	3.05	3.05	100	2.66	87	--	3H	1W	
212.45	215.49	3.04	3.02	99	1.36	45	--	3H	1W	
215.49	218.54	3.05	3.01	99	1.60	52	--	4H	1W	
218.54	221.59	3.05	2.97	97	2.35	77	--	4H	1W	
221.59	224.64	3.05	3.05	100	2.56	84	--	4H	1W	
224.64	227.69	3.05	3.05	100	2.28	75	--	4H	1W	
227.69	230.73	3.04	2.95	97	2.42	80	--	3H	1W	
230.73	233.78	3.05	3.05	100	1.33	44	--	4H	1W	
233.78	236.83	3.05	2.95	97	2.60	85	--	4H	1W	
236.83	239.88	3.05	3.05	100	2.81	92	--	4H	1W	
239.88	242.93	3.05	3.05	100	2.95	97	--	4H	1W	
242.93	245.97	3.04	3.04	100	2.49	82	--	4H	1W	
245.97	249.02	3.05	3.03	99	2.85	93	--	3H	1W	
249.02	252.07	3.05	2.98	98	2.97	97	--	4H	1W	
252.07	255.12	3.05	3.03	99	2.32	76	--	2H	1W	
255.12	258.17	3.05	3.04	100	2.81	92	--	3H	1W	
258.17	261.21	3.04	3.04	100	2.73	90	--	3H	1W	
261.21	264.26	3.05	2.96	97	2.20	72	--	4H	1W	
264.26	267.31	3.05	3.04	100	2.43	80	--	4H	1W	
267.31	270.36	3.05	3.05	100	2.77	91	--	4H	1W	
270.36	273.41	3.05	3.05	100	2.87	94	--	3H	1W	
273.41	276.46	3.05	2.88	94	2.81	92	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.46	279.50	3.04	3	99	2.53	83	--	4H	1W	
279.50	282.55	3.05	3.01	99	2.50	82	--	4H	1W	
282.55	285.60	3.05	3	98	2.61	86	--	3H	1W	
285.60	288.65	3.05	3.05	100	2.75	90	--	3H	1W	
288.65	291.69	3.04	3.04	100	2.14	70	--	3H	1W	
291.69	294.74	3.05	2.93	96	2.00	66	--	3H	1W	
294.74	297.79	3.05	2.97	97	1.97	65	--	3H	1W	
297.79	300.84	3.05	2.98	98	1.15	38	--	3H	1W	
300.84	303.89	3.05	3.04	100	2.88	94	--	3H	1W	
303.89	306.93	3.04	3.04	100	2.08	68	--	3H	1W	
306.93	309.98	3.05	3.05	100	1.73	57	--	3H	1W	
309.98	313.03	3.05	2.99	98	2.21	72	--	3H	1W	
313.03	316.08	3.05	2.98	98	2.19	72	--	3H	1W	
316.08	319.13	3.05	3.05	100	1.85	61	--	3H	1W	
319.13	322.17	3.04	3	99	1.89	62	--	3H	1W	
322.17	325.22	3.05	2.99	98	2.10	69	--	3H	1W	
325.22	328.27	3.05	2.89	95	2.39	78	--	4H	1W	
328.27	331.32	3.05	3.03	99	2.56	84	--	3H	1W	
331.32	334.37	3.05	2.99	98	2.99	98	--	4H	1W	
334.37	337.41	3.04	3.03	100	2.56	84	--	3H	1W	
337.41	340.46	3.05	3.02	99	2.29	75	--	3H	1W	
340.46	343.51	3.05	2.97	97	1.80	59	--	3H	1W	
343.51	346.56	3.05	3.01	99	2.83	93	--	3H	1W	
346.56	349.61	3.05	3.03	99	2.75	90	--	3H	1W	
349.61	352.65	3.04	2.98	98	2.72	89	--	3H	1W	
352.65	355.70	3.05	3.05	100	2.53	83	--	3H	1W	
355.70	358.75	3.05	2.93	96	2.58	85	--	3H	1W	
358.75	361.80	3.05	3.05	100	2.23	73	--	3H	1W	
361.80	364.85	3.05	2.91	95	2.49	82	--	3H	1W	
364.85	367.89	3.04	2.98	98	1.80	59	--	3H	1W	
367.89	370.94	3.05	2.94	96	1.86	61	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
370.94	373.99	3.05	2.97	97	2.24	73	--	3H	1W	
373.99	377.04	3.05	2.98	98	2.79	91	--	4H	1W	
377.04	380.09	3.05	2.9	95	2.69	88	--	4H	4W	
380.09	383.13	3.04	3.04	100	3.04	100	--	4H	1W	
383.13	386.18	3.05	3.05	100	3.00	98	--	4H	1W	
386.18	389.23	3.05	3.05	100	2.58	85	--	4H	1W	
389.23	389.35	0.12	0.09	75	0.00	0	--	4H	1W	EOH. Sitck up interval

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	9.58	GRD	
3	3.87	GRD	
4	0.57	GRD	
5	7.42	GRD	
6	5.94	GRD	
7	0.345	GRD	
8	0.164	GRD	
9	16.4	GRD	
10	13	GRD	
11	8.44	GRD	
12	14.1	GRD	
13	13.1	GRD	
14	10.6	GRD	
15	2.51	GRD	
16	10.2	GRD	
17	4.69	GRD	
18	0.419	GRD	
19	2.22	GRD	
20	7.23	GRD	
21	7.26	GRD	
22	0.461	GRD	
23	0.328	GRD	
24	0.515	GRD	
25	0.632	GRD	
26	0.667	GRD	
27	0.525	GRD	
28	0.64	GRD	
29	10.1	GRD	
30	8.14	GRD	
31	18.6	GRD	
32	10.1	GRD	
33	3.99	GRD	
34	12.1	GRD	
35	11.6	GRD	
36	0.556	GRD	
37	6.5	GRD	
38	0.414	GRD	
39	0.448	GRD	
40	7.79	GRD	
41	0.484	GRD	
42	0.488	GRD	
43	0.396	GRD	
44	4.57	GRD	
45	4.36	GRD	
46	2.5	GRD	
47	23.5	GRD	
48	1.47	GRD	
49	0.83	GRD	
50	0.603	GRD	
51	25	GRD	
52	23.3	GRD	
53	7.4	GRD	
54	0.355	GRD	
55	0.175	GRD	
56	9.54	GRD	
57	21.2	GRD	
58	23.5	GRD	
59	15.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	4.31	GRD	
61	0.498	GRD	
62	0.6	GRD	
63	0.281	VEN	
64	0.362	GRD	
65	0.374	GRD	
66	0.562	GRD	
67	20.6	GRD	
68	30.8	GRD	
69	0.702	GRD	
70	1.35	GRD	
71	1.82	GRD	
72	30.3	GRD	
73	28.4	GRD	
74	29.1	GRD	
75	1.33	GRD	
76	20.9	GRD	
77	1.71	GRD	
78	27.8	GRD	
79	0.713	GRD	
80	18.2	GRD	
81	21.7	GRD	
82	20.3	GRD	
83	22.1	GRD	
84	5.31	GRD	
85	0.632	GRD	
86	21.8	GRD	
87	21.4	GRD	
88	21	GRD	
89	18.7	GRD	
90	22.7	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
91	21.5	GRD	
92	13	GRD	
93	30.1	GRD	
94	20.9	GRD	
95	25.2	GRD	
96	24.3	GRD	
97	29.2	GRD	
98	14.9	GRD	
99	5.08	GRD	
100	0.478	GRD	
101	13.9	GRD	
102	29.3	GRD	
103	21.6	GRD	
104	0.704	VEN	
105	0.704	VEN	
106	8.91	GRD	
107	0.748	GRD	
108	0.534	GRD	
109	22.6	GRD	
110	9.19	GRD	
111	16.3	GRD	
112	16.8	GRD	
113	13.6	GRD	
114	1.33	GRD	
115	0.691	GRD	
116	0.519	GRD	
117	14.1	GRD	
118	25.8	GRD	
119	24.2	GRD	
120	0.754	GRD	
121	13.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	25.1	GRD	
123	11.5	GRD	
124	12.9	GRD	
125	0.835	GRD	
126	9.73	GRD	
127	0.621	GRD	
128	7.64	GRD	
129	0.462	GRD	
130	24.5	GRD	
131	7.74	GRD	
132	8.03	GRD	
133	1.66	GRD	
134	0.65	GRD	
135	21.7	GRD	
136	0.227	GRD	
137	0.335	GRD	
138	0.315	GRD	
139	2.29	GRD	
140	15.5	GRD	
141	20.5	GRD	
142	0.863	GRD	
143	27.6	GRD	
144	28.4	GRD	
145	19.6	GRD	
146	22.4	GRD	
147	27.6	GRD	
148	31.2	GRD	
149	24.1	GRD	
150	21.4	GRD	
151	21.7	GRD	
152	18.5	GRD	
153	9.09	GRD	
154	0.736	GRD	
155	0.477	GRD	
156	0.533	GRD	
157	18.3	GRD	
158	20.4	GRD	
159	41.5	GRD	
160	1.86	GRD	
161	21.5	GRD	
162	27.3	GRD	
163	20.1	GRD	
164	28.5	GRD	
165	29.2	GRD	
166	29.6	GRD	
167	29.4	GRD	
168	24.7	GRD	
169	26.5	GRD	
170	26.5	GRD	
171	0.609	GRD	
172	13.3	GRD	
173	21.6	GRD	
174	26.1	GRD	
175	25.9	GRD	
176	19.5	GRD	
177	20.2	GRD	
178	24.6	GRD	
179	19.9	GRD	
180	21.6	GRD	
181	24.6	GRD	
182	20.4	GRD	
183	27.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
184	28	GRD	
185	28.5	GRD	
186	24	GRD	
187	22.8	GRD	
188	18.6	GRD	
189	22.5	GRD	
190	3.76	GRD	
191	0.613	GRD	
192	1.1	GRD	
193	0.772	GRD	
194	0.506	GRD	
195	0.314	GRD	
196	0.212	GRD	
197	0.279	GRD	
198	0.555	GRD	
199	1.32	GRD	
200	0.843	GRD	
201	0.292	GRD	
202	1.46	GRD	
203	25.4	GRD	
204	1.24	GRD	
205	14.9	GRD	
206	17.5	GRD	
207	16.1	GRD	
208	16.6	GRD	
209	1.29	GRD	
210	0.61	GRD	
211	13.9	GRD	
212	3.37	GRD	
213	0.582	GRD	
214	1.25	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
215	1.15	GRD	
216	0.443	GRD	
217	1.68	GRD	
218	13.33	GRD	
219	36.3	GRD	
220	7.22	GRD	
221	28.9	GRD	
222	20.7	GRD	
223	6.34	GRD	
224	0.352	GRD	
225	31.4	GRD	
226	13.3	GRD	
227	0.435	GRD	
228	0.44	GRD	
229	0.75	GRD	
230	6.38	GRD	
231	23.3	GRD	
232	19.1	GRD	
233	26.4	GRD	
234	25.2	GRD	
235	18.4	GRD	
236	11.8	GRD	
237	2.69	GRD	
238	5.78	GRD	
239	0.643	GRD	
240	25	GRD	
241	16.7	GRD	
242	24.5	GRD	
243	23.4	GRD	
244	22.2	GRD	
245	30.8	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
246	10.1	GRD	
247	0.501	GRD	
248	22.4	GRD	
249	10.3	GRD	
250	27.5	GRD	
251	0.538	GRD	
252	0.806	GRD	
253	0.358	GRD	
254	0.295	GRD	
255	0.879	GRD	
256	0.519	GRD	
257	0.583	GRD	
258	5.33	GRD	
259	3.9	GRD	
260	0.465	GRD	
261	3.34	GRD	
262	6.69	GRD	
263	1.96	GRD	
264	6.45	GRD	
265	2.53	GRD	
266	7.52	GRD	
267	14.8	GRD	
268	8.89	GRD	
269	3.81	GRD	
270	4.42	GRD	
271	0.75	GRD	
272	0.414	GRD	
273	0.276	GRD	
274	2.1	GRD	
275	22.4	GRD	
276	30.4	GRD	
277	26	GRD	
278	28.6	GRD	
279	31.2	GRD	
280	1.5	GRD	
281	22.2	GRD	
282	13.2	GRD	
283	19	GRD	
284	3.93	GRD	
285	0.335	VEN	
286	0.267	QFP	
287	0.357	QFP	
288	0.22	QFP	
289	0.281	QFP	
290	0.316	QFP	
291	0.303	QFP	
292	0.277	GRD	
293	0.973	GRD	
294	0.387	GRD	
295	0.173	GRD	
296	0.16	GRD	
297	0.205	GRD	
298	0.205	GRD	
299	0.255	GRD	
300	5.98	GRD	
301	3.36	GRD	
302	0.629	GRD	
303	20.7	GRD	
304	0.613	GRD	
305	23.3	GRD	
306	15.2	GRD	
307	2.25	BXA	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
308	0.238	BXA	
309	0.277	QFP	
310	0.339	QFP	
311	0.291	QFP	
312	0.365	QFP	
313	0.245	QFP	
314	0.239	QFP	
315	0.377	QFP	
316	0.266	QFP	
317	0.423	GRD	
318	0.336	GRD	
319	0.453	GRD	
320	0.461	GRD	
321	0.19	GRD	
322	0.196	GRD	
323	0.601	GRD	
324	0.582	GRD	
325	20.6	GRD	
326	31.4	GRD	
327	24.6	GRD	
328	22.1	GRD	
329	1.03	GRD	
330	2.61	GRD	
331	6.09	GRD	
332	6.68	GRD	
333	3	GRD	
334	0.151	GRD	
335	0.448	GRD	
336	6.52	QFP	
337	5.85	GRD	
338	0.495	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
339	0.326	GRD	
340	0.203	GRD	
341	0.297	GRD	
342	0.418	GRD	
343	11.6	GRD	
344	15.3	GRD	
345	1.04	GRD	
346	16.5	GRD	
347	16.5	GRD	
348	23.2	GRD	
349	2.42	GRD	
350	8.49	GRD	
351	0.433	GRD	
352	1.17	GRD	
353	9.76	GRD	
354	0.501	GRD	
355	4.93	GRD	
356	3.03	GRD	
357	4.39	GRD	
358	0.397	GRD	
359	0.613	GRD	
360	0.314	GRD	
361	0.664	GRD	
362	0.396	GRD	
363	0.314	GRD	
364	0.335	GRD	
365	0.349	QFP	
366	0.231	QFP	
367	0.277	QFP	
368	0.218	QFP	
369	0.334	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
370	0.333	QFP	
371	0.229	QFP	
372	0.547	GRD	
373	0.408	GRD	
374	0.343	GRD	
375	0.361	GRD	
376	6.83	GRD	
377	6.49	GRD	
378	1.76	GRD	
379	0.742	GRD	
380	13.4	GRD	
381	24.4	GRD	
382	21.3	GRD	
383	0.265	GRD	
384	29.3	GRD	
385	0.282	GRD	
386	1.78	GRD	
387	8.4	GRD	
388	0.349	GRD	
389	2.21	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382391	6889598	1399.73	93.57

ZONE: Central BRX

SECTION:

HOLE: KL-14-200

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 3.04m, Out

Drilling Dates: Aug 03 - Aug 04, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
93.57	39.1	-49.1	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	45.38	43.86	GRD
45.38	59.95	14.57	GRD
59.95	60.28	0.33	GRD
60.28	61.98	1.7	GRD
61.98	62.43	0.45	BXA
62.43	64.86	2.43	QFP
64.86	71.1	6.24	GRD
71.1	74.58	3.48	QFP
74.58	74.94	0.36	GRD
74.94	75.29	0.35	GRD
75.29	75.39	0.1	GRD
75.39	81.8	6.41	GRD
81.8	93.57	11.77	GRD

SAMPLES	
Numbers:	Q927853 to Q927855, Q934149 to Q934177
Total:	33
Batch:	124, 127, 130
Certificates:	WH14115506, WH14120286, WH14120288

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-200

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	6.66
2	6.66	11.12
3	11.12	14.75
4	14.75	18.96
5	18.96	23.21
6	23.21	27.17
7	27.17	31.31
8	31.31	35.41
9	35.41	39.75
10	39.75	43.88
11	43.88	48
12	48	52.21
13	52.21	56.32
14	56.32	60.17
15	60.17	64.42
16	64.42	68.75
17	68.75	72.65
18	72.65	76.44
19	76.44	80.76
20	80.76	84.43
21	84.43	88.61
22	88.61	92.43
23	92.43	93.57

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-200									
	27.44	9.9	HQ	GRD	848.8	544.1	2.93	2.8	Strong phyllic altered granodiorite with strong propalytic overprint, moderate silicification and pervasive moderate oxidation hosting a banded quartz-ankerite vein with blebby pyrite, galena, sphalerite.
	43.15	14.1	HQ	GRD	1247.1	800	3.03	2.8	Black breccia with cobble strong phyllic altered, moderately silicified altered granodiorite clasts. Disseminated pyrite throughout. Cut by calcite veinlets.
	60.28	11.7	HQ	GRD	727	499.4	2.13	3.2	Milky quartz vein with blebby pyrite and disseminated galena, arsenopyrite. Vein is hosting banded arsenopyrite, galena, ankerite and intermixed blebby (honey brown) sphalerite, pyrite, galena and arsenopyrite.
	60.28	11.7	HQ	GRD	727	499.4	2.13	3.2	Milky quartz vein with blebby pyrite and disseminated galena, arsenopyrite. Vein is hosting banded arsenopyrite, galena, ankerite and intermixed blebby (honey brown) sphalerite, pyrite, galena and arsenopyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	62.18	16.4	NQ2	BXA	990.6	653.4	2.84	2.9	Smoky quartz breccia with sub-angular coarse sand to cobble quartz feldspar dyke in fine mtx hosting disseminated pyrite. Breccia also hosting mineralized clasts with blebby pyrite.

KL-14-200

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	26.33	24.81	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with oxide staining on fractures. Patchy argillic altered granodiorite (~5% of interval). Pervasive calcite-ankerite veinlets are found pervasively throughout interval. Top of hole up to 8.38 is rubbly with a gougy interval from 8.23-8.38m.							
						MD	GY		PRO	2I		
						LT	GN		POT	2I		
									ARG	1I		
26.33	27.17	0.84	GRD	MG	Moderately to strongly phyllic altered granodiorite. Patchy clay-gouge altered adjacent to milky quartz vein (! 1 cm). One hematite stringer within interval.							
						LT	GN		PHC	3I	He	0.1
									SIL	4I		
27.17	45.38	18.21	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with oxide staining on fractures. Patchy argillic altered granodiorite (~5% of interval). Pervasive calcite-ankerite veinlets are found pervasively throughout interval. Top of hole up to 8.38 is rubbly with a gougy interval from 8.23-8.38m.							
						MD	GY		PRO	2I		
						LT	GN		POT	2I		
									ARG	1I		
45.38	48.26	2.88	GRD	MG	Trace to weak propylitic and potassic granodiorite with patchy phyllic altered granodiorite, which are altered halos of quartz-carb veining smokey quartz, calcite-ankerite +/- mineralized.							
						MD	GY		PHC	3I	Py	0.1
									POT	2I		
									SIL	2I		
									PRO	2I		
48.26	48.57	0.31	GRD	MG	Phyllic altered granodiorite with ankerite veins/veinlets (up to 1 cm).							
						LT	GN		PHC	4I		
									SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
48.57	51.30	2.73	GRD	MG	Trace to weak propylitic and potassic granodiorite with patchy phyllic altered granodiorite, which are altered halos of quartz-carb veining smokey quartz, calcite-ankerite +/- mineralized.							
						MD	GY		PHC	3I	Py	0.1
									PRO	2I		
									SIL	2I		
									POT	2I		
51.30	51.88	0.58	GRD	MG	Phyllic altered granodiorite with ankerite veins/veinlets (up to 1 cm).							
						LT	GN		PHC	4I		
									SIL	4I		
51.88	53.52	1.64	GRD	MG	Trace to weak propylitic and potassic granodiorite with patchy phyllic altered granodiorite, which are altered halos of quartz-carb veining smokey quartz, calcite-ankerite +/- mineralized.							
						MD	GY		PHC	3I		
									SIL	2I		
									PRO	2I		
									POT	2I		
53.52	53.69	0.17	GRD	MG	Phyllic altered granodiorite with ankerite veins/veinlets (up to 1 cm).							
						LT	GN		PHC	4I		
									SIL	4I		
53.69	55.17	1.48	GRD	MG	Trace to weak propylitic and potassic granodiorite with patchy phyllic altered granodiorite, which are altered halos of quartz-carb veining smokey quartz, calcite-ankerite +/- mineralized.							
						MD	GY		PHC	3I		
									PRO	2I		
									POT	2I		
									SIL	2I		
55.17	55.67	0.50	GRD	MG	Phyllic altered granodiorite with ankerite veins/veinlets (up to 1 cm). Smokey quartz and ankerite veinlets hosting fine grained blebby pyrite and hematite. Phyllic altered granodiorite hosts trace disseminated pyrite.							
						LT	GN		PHC	4I	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									SIL	4I		
55.67	59.95	4.28	GRD	MG	Trace to weak propylitic and potassic granodiorite with patchy phyllic altered granodiorite, which are altered halos of quartz-carb veining smokey quartz, calcite-ankerite +/- mineralized.							
						MD	GY		PHC	3I		
									POT	2I		
									SIL	2I		
									PRO	2I		
59.95	60.28	0.33	GRD	MG	Light green, phyllic altered granodiorite hosting disseminated to blebby pyrite with pyrite stringers/bands.							
						LT	GN		PHC	5I	Py	2
									SIL	4I		
60.28	61.98	1.70	GRD	MG	Mineralized breccia hosted within strongly phyllic altered granodiorite. Milky veins host blebby pyrite and honey brown sphalerite, while smokey quartz veins host galena, sphalerite, arsenopyrite and pyrite. Phyllic altered granodiorite hosts disseminated pyrite and galena stringers with blebby arsenopyrite. Honey brown and blackjack sphalerite are found as blebs. Breccia comprises sub-rounded to sub-angular clasts of quartz vein, dyke and galena in a fine grained dark grey matrix.							
						LT	GN		SIL	5I	As	1
						DK	GY		PHC	5I	Py	5
											Gn	1
											Sp	1
61.98	62.43	0.45	GRD	--	Breccia comprises clasts of quartz vein, dyke and galena. Clasts are sub-rounded to sub-angular. Matrix is fine grained and dark grey hosting fine grained disseminated arsenopyrite. Breccia hosts blebby pyrite and fine grained sulphides (arsenopyrite?).							
						DK	GY	BX			Py	2
											As	1
											Gn	1
62.43	64.86	2.43	QFP	CG	Lite green quartz-feldspar porphyry dyke with crackle breccia textures and gourgy textures. Lower contact with phyllic altered granodiorite at 65 degrees to core axis.							
						LT	GN	CR				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
64.86	69.02	4.16	GRD	MG	Phyllic altered granodiorite with trace pyrite and arsenopyrite stringers pervasively throughout. Calcite veinlets (up to 0.5 cm) found pervasively throughout. Weak vuggy textures, weak argillic overprinting. Local oxide stain on fractures and within more gougey areas (only minor gouge/clay alteration within interval).							
						MD	GY		ARG	2I	As	0.1
						LT	GN		PHC	4I	Py	1
69.02	69.92	0.90	GRD	MG	Gougy interval with disseminated pyrite and arsenopyrite within most gougy and medium grey intervals. Oxide staining generally along fractures within calcite/ankerite veinlets. Strong phyllic altered granodiorite and gouge/clay altered.							
						MD	GY		SIL	2I	As	2
						LT	GN		OXI	2I	Py	2
69.92	71.10	1.18	GRD	MG	Phyllic altered granodiorite with trace pyrite and arsenopyrite stringers pervasively throughout. Calcite veinlets (up to 0.5 cm) found pervasively throughout. Weak vuggy textures, weak argillic overprinting. Local oxide stain on fractures and within more gougey areas (only minor gouge/clay alteration within interval).							
						MD	GY		ARG	2I	As	0.1
						LT	GN		PHC	4I	Py	1
71.10	74.58	3.48	QFP	CG	Lite green quartz-feldspar porphyry dyke grades into maroon at 73 m and back into lite green at 74m.							
						LT	GN	PO				
								CR				
74.58	74.94	0.36	GRD	MG	Strongly phyllic altered granodiorite. Strongly silicified, lite green, to dark grey. Blebby Blackjack Sphalerite, pyrite, arsenopyrite.							
						DK	GY		PHC	5I	Py	0.1
									SIL	3I		
74.94	75.29	0.35	GRD	MG	Strongly phyllic altered granodiorite with trace disseminated pyrite. Gouge at 75.29 m.							
						MD	GY		SIL	3I		
						LT	GN		PHC	5I	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
75.29	75.39	0.10	GRD	MG	Gouge/clay altered granodiorite with relict phyllic altered granodiorite. Both weakly potassic and chlorite altered.							
						DK	GY		POT	2I		
									PRO	2I		
									SIL	3I		
75.39	81.80	6.41	GRD	MG	Moderate argillic, trace potassic and propylitic altered granodiorite. Chlorite stringers are common throughout the interval. Gougy chlorite on some fractures.							
						DK	GY		ARG	3I		
									POT	2I		
									PRO	2I		
81.80	93.57	11.77	GRD	MG	Trace to weakly propylitic and potassic altered granodiorite. Calcite veinlets (minor) found pervasively throughout. Minor aplite dykes within interval. Trace epidote alteration found locally.							
						MD	GY		PRO	2I		
						DK	GN		POT	2I		

KL-14-200

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	45.38	43.86	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with oxide staining on fractures. Patchy argillic altered granodiorite (~5% of interval). Pervasive calcite-ankerite veinlets are found pervasively throughout interval. Top of hole up to 8.38 is rubbly with a gougy interval from 8.23-8.38m.							
									ARG	1I		
						LT	GN		POT	2I		
						MD	GY		PRO	2I		
45.38	59.95	14.57	GRD	MG	Trace to weak propylitic and potassic granodiorite with patchy phyllic altered granodiorite, which are altered halos of quartz-carb veining smokey quartz, calcite-ankerite +/- mineralized.							
									SIL	2I		
									POT	2I		
									PRO	2I		
						MD	GY		PHC	3I	Py	0.1
59.95	60.28	0.33	GRD	MG	Light green, phyllic altered granodiorite hosting disseminated to blebby pyrite with pyrite stringers/bands.							
						LT	GN		PHC	5I	Py	2
									SIL	4I		
60.28	61.98	1.70	GRD	MG	Mineralized breccia hosted within strongly phyllic altered granodiorite. Milky veins host blebby pyrite and honey brown sphalerite, while smokey quartz veins host galena, sphalerite, arsenopyrite and pyrite. Phyllic altered granodiorite hosts disseminated pyrite and galena stringers with blebby arsenopyrite. Honey brown and blackjack sphalerite are found as blebs. Breccia comprises sub-rounded to sub-angular clasts of quartz vein, dyke and galena in a fine grained dark grey matrix.							
						LT	GN	BN	SIL	5I	As	1
						DK	GY	BX	PHC	5I	Py	5
											Gn	1
											Sp	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
61.98	62.43	0.45	BXA	--	Breccia comprises clasts of quartz vein, dyke and galena. Clasts are sub-rounded to sub-angular. Matrix is fine grained and dark grey hosting fine grained disseminated arsenopyrite. Breccia hosts blebby pyrite and fine grained sulphides (arsenopyrite?).							
						DK	GY	BX			Py	2
											As	1
											Gn	1
62.43	64.86	2.43	QFP	CG	Lite green quartz-feldspar porphyry dyke with crackle breccia textures and gourgy textures. Lower contact with phyllic altered granodiorite at 65 degrees to core axis.							
								PO				
						LT	GN	CR				
64.86	71.10	6.24	GRD	MG	Phyllic altered granodiorite with trace pyrite and arsenopyrite stringers pervasively throughout. Calcite veinlets (up to 0.5 cm) found pervasively throughout. Weak vuggy textures, weak argillic overprinting. Local oxide stain on fractures and within more gougey areas (only minor gouge/clay alteration within interval).							
						LT	GN		PHC	4I	Py	1
						MD	GY		ARG	2I	As	0.1
71.10	74.58	3.48	QFP	CG	Lite green quartz-feldspar porphyry dyke grades into maroon at 73 m and back into lite green at 74m.							
						LT	GN	PO				
74.58	74.94	0.36	GRD	MG	Strongly phyllic altered granodiorite. Strongly silicified, lite green, to dark grey. Blebby Blackjack Sphalerite, pyrite, arsenopyrite.							
									SIL	3I		
						DK	GY		PHC	5I	Py	0.1
74.94	75.29	0.35	GRD	MG	Strongly phyllic altered granodiorite with trace disseminated pyrite. Gouge at 75.29 m.							
						LT	GN		PHC	5I	Py	0.1
						MD	GY		SIL	3I		
75.29	75.39	0.10	GRD	MG	Gouge/clay altered granodiorite with relict phyllic altered granodiorite. Both weakly potassic and chlorite altered.							
									PRO	2I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY		POT	2I		
75.39	81.80	6.41	GRD	MG	Moderate argillic, trace potassic and propylitic altered granodiorite. Chlorite stringers are common throughout the interval. Gougy chlorite on some fractures. Bottom contact is rubbly/clayey for ~ 20 cm (81.80-93.57m)							
									ARG	3I		
									POT	2I		
									PRO	2I		
81.80	93.57	11.77	GRD	MG	Trace to weakly propylitic and potassic altered granodiorite. Calcite veinlets (minor) found pervasively throughout. Minor aplite dykes within interval. Trace epidote alteration found locally.							
						MD	GY		PRO	2I		
						DK	GN		POT	2I		

KL-14-200

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	5.18	3.66	2.59	71	2.08	57	--	4H	3W	
5.18	8.23	3.05	2.97	97	2.86	94	--	4H	2W	
8.23	11.28	3.05	2.86	94	2.17	71	--	4H	2W	
11.28	14.33	3.05	2.92	96	2.49	82	--	4H	2W	
14.33	17.37	3.04	2.98	98	2.64	87	--	4H	2W	
17.37	20.42	3.05	2.99	98	2.23	73	--	4H	2W	
20.42	23.47	3.05	3	98	2.58	85	--	4H	2W	
23.47	26.52	3.05	2.81	92	1.91	63	--	4H	3W	
26.52	29.57	3.05	2.93	96	2.31	76	--	4H	2W	
29.57	32.61	3.04	2.87	94	1.50	49	--	3H	2W	
32.61	35.66	3.05	2.99	98	2.01	66	--	3H	2W	
35.66	38.71	3.05	3.01	99	2.37	78	--	3H	2W	
38.71	41.76	3.05	2.94	96	2.26	74	--	4H	3W	
41.76	44.81	3.05	3.03	99	2.95	97	--	4H	2W	
44.81	47.85	3.04	2.93	96	2.68	88	--	4H	2W	
47.85	50.90	3.05	2.91	95	1.95	64	--	4H	1W	
50.90	53.95	3.05	2.92	96	2.59	85	--	3H	1W	
53.95	57.00	3.05	3	98	1.98	65	--	3H	1W	
57.00	60.05	3.05	3	98	2.30	75	--	3H	1W	
60.05	63.09	3.04	2.94	97	1.99	65	--	2H	1W	
63.09	66.14	3.05	2.99	98	1.88	62	--	3H	1W	
66.14	69.19	3.05	2.82	92	1.41	46	--	3H	1W	
69.19	72.24	3.05	2.68	88	0.74	24	--	2H	2W	
72.24	75.29	3.05	2.87	94	1.63	53	--	3H	1W	
75.29	78.33	3.04	2.66	88	0.83	27	--	2H	1W	
78.33	81.38	3.05	2.84	93	1.72	56	--	2H	1W	
81.38	84.43	3.05	2.48	81	0.29	10	--	2H	1W	
84.43	87.48	3.05	2.96	97	2.30	75	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.79	91	1.40	46	--	3H	1W	
90.53	93.57	3.04	2.67	88	1.07	35	--	3H	1W	EOH

Magnetic Suscepatibility

KL-14-200

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	10.4	GRD	
3	15	GRD	
4	4.97	GRD	
5	14	GRD	
6	12.9	GRD	
7	0.23	GRD	
8	12	GRD	
9	16.7	GRD	
10	13.5	GRD	
11	16.6	GRD	
12	11.7	GRD	
13	17	GRD	
14	5.04	GRD	
15	3.03	GRD	
16	14.8	GRD	
17	18.4	GRD	
18	14	GRD	
19	10.9	GRD	
20	17.8	GRD	
21	8.99	GRD	
22	15.1	GRD	
23	16.9	GRD	
24	12.6	GRD	
25	0.458	GRD	
26	1.53	GRD	
27	0.348	GRD	
28	8.35	GRD	
29	18.1	GRD	
30	1.7	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	13.1	GRD	
32	0.351	GRD	
33	4.53	GRD	
34	15	GRD	
35	11.7	GRD	
36	18	GRD	
37	8.49	GRD	
38	16.1	GRD	
39	13.9	GRD	
40	15.8	GRD	
41	12.7	GRD	
42	1.46	GRD	
43	17	GRD	
44	21.9	GRD	
45	1.2	GRD	
46	3.04	GRD	
47	7.17	GRD	
48	1.03	GRD	
49	0.627	GRD	
50	15.7	GRD	
51	0.556	GRD	
52	0.35	GRD	
53	13.9	GRD	
54	16.2	GRD	
55	1.59	GRD	
56	10.1	GRD	
57	0.38	GRD	
58	13.6	GRD	
59	16.9	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	15.1	GRD	
61	0.362	GRD	
62	0.361	BXA	
63	0.374	QFP	
64	0.465	QFP	
65	0.574	GRD	
66	0.332	GRD	
67	0.351	GRD	
68	0.248	GRD	
69	0.298	GRD	
70	0.352	GRD	
71	0.706	GRD	
72	0.442	QFP	
73	0.25	QFP	
74	0.269	QFP	
75	0.374	GRD	
76	0.466	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382354	6890996	1282.16	96.62

ZONE: Western Klaza

SECTION:

HOLE: KL-14-201

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Aug 04 - Aug 05, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35.19	-50	Calculated
93.57	37.4	-50.2	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.26	4.26	CAS
4.26	33.52	29.26	GRD
33.52	37.7	4.18	GRD
37.7	38.91	1.21	QFP
38.91	46.31	7.4	GRD
46.31	53	6.69	GRD
53	59.02	6.02	GRD
59.02	68.83	9.81	GRD
68.83	88.08	19.25	GRD
88.08	96.62	8.54	GRD

SAMPLES	
Numbers:	Q926579 to Q926636
Total:	61
Batch:	126, 129, 131
Certificates:	WH14115508, WH14120946, WH14120947, WH14127064

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-201

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.26	6.84
2	6.84	9.79
3	9.79	12.91
4	12.91	15.67
5	15.67	18.52
6	18.52	21.18
7	21.18	24.31
8	24.31	27.12
9	27.12	29.76
10	29.76	32.61
11	32.61	35.25
12	35.25	38.85
13	38.85	41.76
14	41.76	44.4
15	44.4	47
16	47	49.85
17	49.85	52.87
18	52.87	55.25
19	55.25	58.1
20	58.1	60.05
21	60.05	62.83
22	62.83	65.85
23	65.85	68.83
24	68.83	72.13
25	72.13	74.87
26	74.87	77.8
27	77.8	80.25
28	80.25	82.57
29	82.57	85.52
30	85.52	88.43
31	88.43	91.08
32	91.08	94.14
33	94.14	96.62

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-201									
	43.2	12	HQ	GRD	969.5	598.4	2.76	2.6	Moderate phyllic altered granodiorite with weak silicification and slight obliterated textures. Cut by calcite veinlet. Moderate oxidation along fracture surfaces with gougy and limonite on edge.
	47.32	13.9	HQ	GRD	1200.3	761.5	2.95	2.7	Strong silicification smoky quartz-ankerite breccia with disseminated pyrite and moderate oxidation on fracture surfaces.
	47.85	14.4	HQ	GRD	1258.5	798.4	2.99	2.7	Moderate phyllic altered granodiorite with strong silicification cut by 2 banded smoky quartz-ankerite Vein breccia (3 centimeters and 3.7 centimeters) with disseminated jamesonite and pyrite with chilled ankerite margin.
	52.59	10.7	HQ	GRD	948.5	598.8	3.03	2.7	Moderate to strong phyllic altered granodiorite with moderate silicificationcut by 6 centimeter net smoky quartz vein with disseminated pyrite and arsenopyrite. Moderate oxidation on fracture surfaces.
	72.24	10.3	HQ	GRD	806.8	484.7	2.68	2.5	Moderate argillic altered granodiorite with weak phyllic and pottassic overprint. Cut by ankerite and calcite stringers.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.26	4.60	0.34	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures.							
						MD	PK		POT	2I		
						MD	OR		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		OXI	3I		
4.60	12.53	7.93	GRD	MG	Alternating patches moderately silicified phyllic alteration and moderate argillic alteration. Pervasive strong oxidation obliterated rock textures. Phyllic alteration host quartz +/- veinlets.							
						MD	GY	PA	OXI	4I		
						MD	GN		SIL	4I		
						MD	OR		PHC	3I		
						LT	WH		ARG	3I		
12.53	13.38	0.85	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures.							
						MD	PK		POT	2I		
						MD	OR		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		OXI	3I		
13.38	16.86	3.48	GRD	MG	Alternating patches moderately silicified phyllic alteration and moderate argillic alteration. Pervasive strong oxidation obliterated rock textures. Phyllic alteration host quartz +/- veinlets.							
						MD	GN		SIL	4I		
						MD	OR		PHC	3I		
						MD	GY		OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	3I		
16.86	17.95	1.09	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						MD	OR		PRO	2I		
						DK	GN		OXI	3I		
17.95	18.52	0.57	GRD	MG	Alternating patches moderately silicified phyllic alteration and moderate argillic alteration. Pervasive strong oxidation obliterated rock textures. Phyllic alteration host quartz +/- veinlets.							
						MD	GN		SIL	4I		
						MD	OR		PHC	3I		
						MD	GY		OXI	4I		
						LT	WH		ARG	3I		
18.52	20.60	2.08	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures. Patches of oxidized rubbly argillic alteration.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						MD	OR		PRO	2I		
						LT	WH		ARG	3I		
						DK	GN		OXI	3I		
20.60	25.00	4.40	GRD	MG	Alternating patches moderately silicified phyllic alteration and moderate argillic alteration. Pervasive strong oxidation obliterated rock textures. Phyllic alteration host quartz +/- veinlets.							
						MD	GY		OXI	4I		
						MD	GN		SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		PHC	3I		
						LT	WH		ARG	3I		
25.00	29.22	4.22	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures. Patches of oxidized rubbly argillic alteration.							
						MD	OR		PRO	2I		
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		OXI	3I		
									ARG	3I		
29.22	32.85	3.63	GRD	MG	Alternating patches moderately silicified phyllic alteration and moderate argillic alteration. Pervasive strong oxidation obliterated rock textures. Phyllic alteration host quartz +/- veinlets.							
						MD	GY		OXI	4I		
						MD	GN		SIL	4I		
						MD	OR		PHC	3I		
						LT	WH		ARG	3I		
32.85	33.52	0.67	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						MD	OR		PRO	2I		
						LT	WH					
						DK	GN		OXI	3I		
33.52	37.70	4.18	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy argillic alteration. Pervasive moderate oxidation.							
						MD	OR		ARG	3I		
						LT	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		SIL	3I		
38.91	46.31	7.40	GRD	MG	Moderately phyllic altered granodiorite with patchy weak to moderate argillic alteration. Oxidation along fracture surfaces and patchy pervasive oxidation/ Phyllic alteration hosts quartz carbonate veinlets.							
						MD	OR		PHC	3I		
						LT	WH		ARG	3I		
						LT	GN		ARG	2I		
46.31	53.00	6.69	GRD	MG	Moderately silicified, moderate to strong phyllic altered granodiorite. Host disseminated pyrite and smokey quartz breccias.							
						MD	GN		PHC	4I		
						LT	GN		SIL	3I	Py	1
									PHC	3I		
53.00	59.02	6.02	GRD	MG	Weak to moderately potassic/propyllitic overprinted argillic altered granodiorite with patchy moderate potassic alteration.							
						MD	PK		POT	2I		
						LT	WH	PA	ARG	3I		
						DK	GN		POT	3I		
									PRO	3I		
									PRO	2I		
59.02	68.83	9.81	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. Small phyllic envelopes around quartz veinlets.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
78.05	79.97	1.92	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veinlets.							
						LT	GY		SIL	3I		
						LT	GN		PHC	3I		
79.97	85.52	5.55	GRD	MG	Strongly silicified, strong to moderate potassic/propyllitic altered granodiorite with patchy potassic overprinted argillic alteration and moderate phyllic/argillic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK	PA	SIL	4I		
						LT	WH		POT	3I		
						LT	GN		PRO	4I		
						DK	GN		POT	4I		
									PRO	3I		
									ARG	3I		
									PHC	3I		
85.52	87.48	1.96	GRD	MG	Moderate phyllic/argillic altered granodiorite with patchy moderate propyllitic alteration.							
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
									PRO	3I		
87.48	88.08	0.60	GRD	MG	Moderately silicified, moderate hematized/chloritized granodiorite.							
						MD	GY		SIL	3I		
						DK	GN		HEM	3I		
						DK	RD		CHL	3I		
88.08	90.10	2.02	GRD	MG	Moderately silicified, moderate potassic/propyllitic altered granodiorite. Hosts an abundance of carbonate stringers.							
						MD	GY		SIL	3I		
						MD	PK		POT	3I		
						DK	GN		PRO	3I		
90.10	90.62	0.52	GRD	MG	Strongly silicified, weak argillic/strongly potassic altered granodiorite. Silicification obliterates rock textures.							
						LT	PK		SIL	4I		
						LT	TN		POT	4I		
						LT	GY		ARG	2I		
90.62	96.62	6.00	GRD	MG	Moderately silicified, moderate potassic/propyllitic altered granodiorite. Hosts an abundance of carbonate stringers.							
						MD	GY		SIL	3I		
						MD	PK		POT	3I		
						DK	GN		PRO	3I		

KL-14-201

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.26	33.52	29.26	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures.							
						DK	GN		OXI	3I		
						MD	PK		POT	2I		
						MD	OR		PRO	2I		
						MD	GY		SIL	3I		
33.52	37.70	4.18	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy argillic alteration. Pervasive moderate oxidation.							
						LT	GN	PA	PHC	3I		
						LT	WH		SIL	3I		
						MD	OR		ARG	3I		
37.70	38.91	1.21	QFP	FG	Medium purple quartz feldspar porphyry dyke. Contacts are rubbly, no angle.							
						MD	PU	PO				
38.91	46.31	7.40	GRD	MG	Moderately phyllic altered granodiorite with patchy weak to moderate argillic alteration. Oxidation along fracture surfaces and patchy pervasive oxidation/ Phyllic alteration hosts quartz carbonate veinlets.							
						MD	OR		PHC	3I		
						LT	WH		ARG	3I		
						LT	GN		ARG	2I		
46.31	53.00	6.69	GRD	MG	Moderately silicified, moderate to strong phyllic altered granodiorite. Host disseminated pyrite and smokey quartz breccias.							
									PHC	3I		
						LT	GN		SIL	3I	Py	1
						MD	GN		PHC	4I		
53.00	59.02	6.02	GRD	MG	Weak to moderately potassic/propyllitic overprinted argillic altered granodiorite with patchy moderate potassic alteration.							
						DK	GN		POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	2I		
									PRO	3I		
									PRO	2I		
						LT	WH	PA	ARG	3I		
59.02	68.83	9.81	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. Small phyllic envelopes around quartz veinlets.							
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
						MD	PK		PRO	2I		
68.83	88.08	19.25	GRD	MG	Weak to moderately potassic/propyllitic overprinted argillic altered granodiorite with patchy moderate potassic alteration.							
						LT	WH		ARG	3I		
						DK	GN		POT	3I		
						MD	PK		POT	2I		
									PRO	3I		
									PRO	2I		
88.08	96.62	8.54	GRD	MG	Moderately silicified, moderate potassic/propyllitic altered granodiorite. Hosts an abundance of carbonate stringers.							
						DK	GN		PRO	3I		
						MD	GY		SIL	3I		
						MD	PK		POT	3I		

KL-14-201

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.26	4.26	0	0	0.00	0	--	--	--	
4.26	5.18	0.92	0.78	85	0.40	43	--	2H	3W	
5.18	8.23	3.05	2.67	88	1.32	43	--	3H	3W	
8.23	11.28	3.05	2.55	84	1.69	55	--	3H	2W	
11.28	14.33	3.05	2.98	98	2.12	70	--	3H	2W	
14.33	17.37	3.04	2.67	88	1.50	49	--	3H	2W	
17.37	20.42	3.05	2.66	87	1.41	46	--	3H	2W	
20.42	23.47	3.05	2.1	69	0.60	20	--	3H	3W	
23.47	26.52	3.05	2.64	87	1.64	54	--	4H	2W	
26.52	29.57	3.05	2.6	85	1.14	37	--	4H	2W	
29.57	32.61	3.04	2.78	91	1.37	45	--	3H	2W	
32.61	35.66	3.05	2.64	87	1.31	43	--	3H	3W	
35.66	38.71	3.05	2.45	80	1.59	52	--	2H	3W	
38.71	41.76	3.05	2.93	96	2.21	72	--	3H	2W	
41.76	44.81	3.05	2.61	86	1.47	48	--	3H	3W	
44.81	47.85	3.04	2.83	93	1.33	44	--	3H	2W	
47.85	50.90	3.05	2.91	95	1.69	55	--	3H	3W	
50.90	53.95	3.05	3.03	99	2.46	81	--	2H	3W	
53.95	57.00	3.05	2.93	96	1.82	60	--	2H	1W	
57.00	60.05	3.05	3.05	100	1.40	46	--	3H	2W	
60.05	63.09	3.04	3.04	100	2.35	77	--	3H	2W	
63.09	66.14	3.05	2.96	97	2.48	81	--	4H	2W	
66.14	69.19	3.05	3.05	100	2.36	77	--	4H	2W	
69.19	72.24	3.05	2.52	83	1.20	39	--	3H	1W	
72.24	75.29	3.05	3.05	100	1.79	59	--	3H	2W	
75.29	78.33	3.04	2.34	77	0.73	24	--	3H	2W	
78.33	81.38	3.05	3.05	100	0.57	19	--	3H	2W	
81.38	84.43	3.05	2.84	93	1.00	33	--	3H	2W	
84.43	87.48	3.05	2.56	84	1.53	50	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.71	89	0.87	29	--	4H	2W	
90.53	93.57	3.04	2.87	94	1.83	60	--	4H	1W	
93.57	96.62	3.05	2.83	93	0.89	29	--	4H	1W	

KL-14-201

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	4.89	GRD	
6	0.102	GRD	
7	0.268	GRD	
8	0.243	GRD	
9	0.515	GRD	
10	0.291	GRD	
11	0.313	GRD	
12	1.25	GRD	
13	2.23	GRD	
14	0.309	GRD	
15	0.179	GRD	
16	0.27	GRD	
17	6.75	GRD	
18	0.435	GRD	
19	5.24	GRD	
20	12.9	GRD	
21	0.363	GRD	
22	0.37	GRD	
23	0.283	GRD	
24	0.382	GRD	
25	5.75	GRD	
26	17.7	GRD	
27	10.8	GRD	
28	16.8	GRD	
29	8.32	GRD	
30	0.43	GRD	
31	0.175	GRD	
32	5.8	GRD	
33	13.4	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	0.255	GRD	
35	0.154	GRD	
36	0.55	GRD	
37	0.352	GRD	
38	0.44	QFP	
39	0.175	GRD	
40	0.228	GRD	
41	0.238	GRD	
42	0.213	GRD	
43	0.331	GRD	
44	0.288	GRD	
45	0.302	GRD	
46	1.94	GRD	
47	0.321	GRD	
48	2.21	GRD	
49	0.363	GRD	
50	0.277	GRD	
51	0.279	GRD	
52	0.269	GRD	
53	0.289	GRD	
53	0.289	GRD	
54	0.739	GRD	
55	8.28	GRD	
56	4.64	GRD	
57	0.589	GRD	
58	0.287	GRD	
59	10.2	GRD	
60	0.539	GRD	
61	2.93	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	2.97	GRD	
63	11.6	GRD	
64	5.32	GRD	
65	11.8	GRD	
66	14.4	GRD	
67	18.3	GRD	
68	9.05	GRD	
69	0.803	GRD	
70	4.7	GRD	
71	3.44	GRD	
72	0.442	GRD	
73	0.46	GRD	
74	0.297	GRD	
75	0.508	GRD	
76	0.332	GRD	
77	0.315	GRD	
78	0.294	GRD	
79	0.229	GRD	
80	0.301	GRD	
81	0.59	GRD	
82	0.52	GRD	
83	0.215	GRD	
84	1.11	GRD	
85	0.257	GRD	
86	0.26	GRD	
87	0.25	GRD	
88	0.339	GRD	
89	0.941	GRD	
90	0.586	GRD	
91	3.32	GRD	
92	12	GRD	
93	9.07	GRD	
94	2.43	GRD	
95	7.46	GRD	
96	9.81	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382396	6889551	1399.65	117.96

ZONE: Central BRX

SECTION:

HOLE: KL-14-202

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 3.05m, Out

Drilling Dates: Aug 04 - Aug 06, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
117.95	39.5	-50.9	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.26	3.26	CAS
3.26	43.08	39.82	GRD
43.08	68.1	25.02	GRD
68.1	69.17	1.07	GRD
69.17	69.35	0.18	GRD
69.35	74.1	4.75	QFP
74.1	74.46	0.36	GRD
74.46	76.76	2.3	GRD
76.76	77.29	0.53	QFP
77.29	77.34	0.05	VEN
77.34	117.96	40.62	GRD

SAMPLES	
Numbers:	Q927864 to Q927866, Q934178 to Q934210
Total:	39
Batch:	127, 132, 145
Certificates:	WH14120288, WH14120944, WH14121783

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-202

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.26	6.64
2	6.64	11.05
3	11.05	14.68
4	14.68	18.83
5	18.83	22.86
6	22.86	26.84
7	26.84	31.03
8	31.03	35.32
9	35.32	39.29
10	39.29	43.5
11	43.5	47.37
12	47.37	51.01
13	51.01	55
14	55	59.07
15	59.07	63.09
16	63.09	67.26
17	67.26	71.53
18	71.53	75.35
19	75.35	79.78
20	79.78	84.44
21	84.44	87.3
22	87.3	91.17
23	91.17	95.37
24	95.37	99.67
25	99.67	104
26	104	108.06
27	108.06	111.86
28	111.86	115.86
29	115.86	117.96

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.26	7.02	3.76	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with oxide-staining on fractures. Minor calcite veinlets found pervasively throughout interval. From 3.26 to 8.30, core is strongly oxidized and rubbly. Patchy argillic altered granodiorite includes ~ 1% of interval. Intermittent areas with less competent to rubbly core.							
						MD	GY		PRO	2I		
						DK	GY		ARG	1I		
						--	TN		POT	2I		
7.02	7.47	0.45	FLT	--	Rubbly/crubly/gougy fault forck withing granodiorite. Relict argillic like textures.							
						MD	OR		CLY	4I		
						MD	BN					
7.47	39.09	31.62	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with oxide-staining on fractures. Minor calcite veinlets found pervasively throughout interval.							
						MD	GY		ARG	1I		
						DK	GY		PRO	2I		
						--	TN		POT	2I		
39.09	40.02	0.93	GRD	MG	Dominantly argillic altered granodiorite overprinting phyllic altered granodiorite. Minor crumbly core. Trace potassic altered.							
						LT	GN		ARG	3I		
						--	TN		PHC	3I		
40.02	41.76	1.74	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with oxide-staining on fractures. Minor calcite veinlets found pervasively throughout interval.							
						MD	GY		ARG	1I		
						DK	GY		PRO	2I		
						--	TN		POT	2I		
41.76	42.06	0.30	GRD	MG	Phyllic altered granodiorite with ankerite withing 3 cm hosting blebby pyrite and honey brown sphalerite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	4I	Py	1
									SIL	3I	As	0.1
42.06	43.08	1.02	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with oxide-staining on fractures. Minor calcite veinlets found pervasively throughout interval.							
						MD	GY		ARG	1I		
						DK	GY		PRO	2I		
						--	TN		POT	2I		
43.08	57.33	14.25	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor rubbly intervals. Trace argillic altered (< 1% within entire interval).							
						MD	GY		SIL	3I		
						DK	GY		PRO	2I		
									PHC	4I		
									POT	2I		
57.33	57.55	0.22	GRD	MG	Phyllic altered granodiorite with 3 hematite stringers.							
						LT	GN		SIL	4I	He	0.1
									PHC	4I		
57.55	62.17	4.62	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor rubbly intervals. Trace argillic altered (< 1% within entire interval).							
						MD	GY		SIL	3I		
						DK	GY		PRO	2I		
									POT	2I		
									PHC	4I		
62.17	62.85	0.68	GRD	MG	Phyllic altered granodiorite with trace quartz-carbonate veins hosting blebby pyrite and sphalerite.							
						LT	GN		SIL	4I	Py	0.01
									PHC	4I	Sp	0.01
62.85	65.48	2.63	GRD	MG	Trace to weak propylitic and potassic altered granodiorite . Trace argillic altered (< 1% within entire interval).							
						MD	GY		SIL	3I		
						DK	GY		PRO	2I		
									POT	2I		
									PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
65.48	67.19	1.71	GRD	MG	Moderately to strongly phyllic altered granodiorite with weak argillic overprinting. Minor quartz-carbonate veining (up to 4 cm wide) hosting pyrite, arsenopyrite and black jack sphalerite (blebby).							
						LT	GN		SIL	4I	Py	0.1
									PHC	4I	As	0.1
											Sp	0.1
67.19	68.10	0.91	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor rubbly intervals. Weak argillic altered, clay to gougey and fractured rock.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
									ARG	2I		
68.10	69.17	1.07	GRD	MG	Strong phyllic altered granodiorite becoming more clay-gouge altered as you move down hole towards the dyke (over approximately 20 centimeters. Weak disseminated pyrite.							
						LT	GN		PHC	5I	Py	0.1
									SIL	5I		
69.17	69.35	0.18	GRD	MG	Brecciated/veined phyllic altered granodiorite with dark grey smearing (fine grained sulphides) within clay altered zone hosting pyrite, arsenopyrite, and ankerite. Ankerite clasts up to 3 cm within dark grey fine grained matrix hosting blebby and disseminated pyrite and arsenopyrite.							
						LT	GN	BX	PHC	5I	Py	3
						DK	GY		SIL	5I	As	1
69.35	74.10	4.75	QFP	CG	Lite green quartz-feldspar porphyry dyke with minor crackle brecciated textures. Lower contact at 60 degrees.							
						LT	GN					
74.10	74.46	0.36	GRD	MG	lite green phyllic altered granodiorite brecciated with a dark grey sulphide rich matrix. Blebby pyrite, honey brown and black jack sphalerite and jamesonite. Clay-gougy material represents last 14 centimetre of interval.							
						LT	GN	BX	PHC	5I	Py	2
									SIL	3I	Sp	1
											As	0.1
74.46	75.00	0.54	GRD	MG	trace to weakly propylitic and potassic altered granodiorite with about 60% of the interval as rubble-clay.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		PRO	2I		
						LT	GN		POT	2I		
									SIL	3I		
75.00	75.29	0.29	GRD	MG	Strongly argillic altered granodiorite with trace to weak potassic and propylitic altered granodiorite (overprinted by argillic alteration). Interval is weakly gougy/rubbly near end of interval.							
						LT	GY		ARG	4I		
						LT	GN		PRO	2I		
									POT	2I		
									SIL	2I		
75.29	76.76	1.47	GRD	MG	Trace to weakly propylitic and potassic altered granodiorite with about 60% of the interval as rubble-clay.							
						LT	GY		PRO	2I		
						LT	GN		POT	2I		
									SIL	3I		
76.76	77.29	0.53	QFP	MG	Medium green quartz-feldspar porphyry dyke with patches of maroon. Trace calcite veinlets pervasive throughout dyke.							
						LT	GN	PO				
						--	MR					
77.29	77.34	0.05	GRD	--	Smokey quartz and milky white quartz vein. Smokey quartz hosts blebby pyrite (<1%), sphalerite, galena and arsenopyrite. White milky quartz hosts blebby medium grained pyrite.							
						DK	GY	BN			Py	10
						--	WH				As	1
											Gn	1
											Sp	1
77.34	80.86	3.52	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor calcite veinlets found pervasively throughout interval.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
81.51	86.47	4.96	GRD	MG	Weak to moderate argillic altered granodiorite with weak to trace propylitic and potassic altered granodiorite. Epidote is common throughout much of the interval. Calcite, ankerite and quartz veinlets pervasive throughout. Veinlets may host blebby pyrite and black jack sphalerite and arsenopyrite.							
						MD	GY		POT	2I	As	0.1
						LT	GN		ARG	3I	Py	0.1
									PRO	2I	Sp	0.1
86.47	86.78	0.31	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor calcite veinlets found pervasively throughout interval. Hematite alteration along fractures.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I	He	2
									SIL	2I		
86.78	91.18	4.40	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor calcite veinlets found pervasively throughout interval.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
									SIL	2I		
91.18	93.19	2.01	QFP	MG	Medium green quartz-feldspar porphyry with intermittent maroon quartz-feldspar porphyry (maroon form 91.80-92.00m).							
						MD	GN	PO				
						--	MR					
93.19	94.11	0.92	GRD	MG	Lite green, strongly phyllic altered granodiorite (first 20 cm is gougy).							
						LT	GN		PHC	5I		
									SIL	2I		
94.11	98.77	4.66	GRD	MG	Moderate to strong argillic altered granodiorite. Patchy moderately potassic altered granodiorite. Weak hematite stringers withing more potassic and argillic altered granodiorite. Intervals host minor ankerite to calcite veins pervasively.							
						LT	GN		ARG	3I		
						--	WH		POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
98.77	100.14	1.37	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor calcite veinlets found pervasively throughout interval.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
									SIL	2I		
100.14	100.90	0.76	GRD	MG	Moderate to strong argillic altered granodiorite. Patchy moderately potassic altered granodiorite. Weak hematite stringers withing more potassic and argillic altered granodiorite. Intervals host minor ankerite to calcite veins pervasively.							
						LT	GN		ARG	3I		
						--	WH		POT	3I		
100.90	117.96	17.06	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor calcite veinlets found pervasively throughout interval.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
									SIL	2I		

KL-14-202

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.26	3.26	CAS	--	Casing							
									SIL	2I		
									OXI	2I		
3.26	43.08	39.82	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with oxide-staining on fractures. Minor calcite veinlets found pervasively throughout interval. From 3.26 to 8.30, core is strongly oxidized and rubbly. Patchy argillic altered granodiorite includes ~ 1% of interval. Intermittent areas with less competent to rubbly core.							
						MD	GY		OXI	2I		
						DK	GY		ARG	1I		
						--	TN		POT	2I		
									SIL	2I		
43.08	68.10	25.02	GRD	MG	Trace to weak propylitic and potassic altered granodiorite. Minor calcite veinlets found pervasively throughout interval. Patchy phyllic alteration. Smokey quartz and ankerite veins up to 3 cm within phyllic altered halos are found at approximately 3 to 5 metre spacing's withing interval.							
						MD	GY		PRO	2I		
						LT	GN		PHC	2I		
									POT	2I		
									SIL	3I		
68.10	69.17	1.07	GRD	MG	Strong phyllic altered granodiorite becoming more clay-gouge altered as you move down hole towards the dyke (over approximately 20 centimeters. Weak disseminated pyrite.							
						LT	GN		PHC	5I	Py	0.1
									SIL	5I		
69.17	69.35	0.18	GRD	MG	Brecciated/veined phyllic altered granodiorite with dark grey smearing (fine grained sulphides) within clay altered zone hosting pyrite, arsenopyrite, and ankerite. Ankerite clasts up to 3 cm within dark grey fine grained matrix hosting blebby and disseminated pyrite and arsenopyrite.							
						DK	GY		SIL	5I	As	1
						LT	GN	BX	PHC	5I	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
69.35	74.10	4.75	QFP	CG	Lite green quartz-feldspar porphyry dyke with minor crackle brecciated textures. Lower contact at 60 degrees.							
						LT	GN					
74.10	74.46	0.36	GRD	MG	lite green phyllic altered granodiorite brecciated with a dark grey sulphide rich matrix. Blebby pyrite, honey brown and black jack sphalerite and jamesonite. Clay-gougy material represents last 14 centimetre of interval.							
									SIL	3I	Sp	1
											As	0.1
						LT	GN	BX	PHC	5I	Py	2
74.46	76.76	2.30	GRD	MG	Rubbly to competent trace to weakly propylitic and potassic altered granodiorite. Weakly to moderately argillic altered granodiorite.							
						MD	GY		PRO	2I		
						DK	GN		POT	2I		
									ARG	2I		
76.76	77.29	0.53	QFP	MG	Medium green quartz-feldspar porphyry dyke with patches of maroon. Tace calcite veinlets pervasive throughout dyke.							
						LT	GN	PO				
						--	MR					
77.29	77.34	0.05	VEN	--	Smokey quartz and milky white quartz vein. Smokey quartz hosts blebby pyrite (<1%), sphalerite, galena and arsenopyrite. White milky quartz hosts blebby medium grained pyrite.							
						DK	GY	BN			Py	10
						--	WH				As	1
											Gn	1
											Sp	1
77.34	117.96	40.62	GRD	MG	Trace to weak propyllitic and potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Minor rubbly to gougy itervals. Pervasive calcite and ankerite veinelts throughout. Patches of moderate potassic altered granodiorite generally associated with weak to moderate argillic altere granodiorite. Minor interval with hematite on fractures.							
						LT	GN		ARG	2I		
						DK	GY		PRO	2I	Py	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	2I		

KL-14-202

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.36	3.36	0	0	0.00	0	0R	--	--	
3.36	5.18	1.82	1.45	80	0.25	14	--	3H	4W	
5.18	8.23	3.05	1.6	52	0.14	5	--	3H	4W	
8.23	11.28	3.05	2.54	83	1.58	52	--	4H	3W	
11.28	14.33	3.05	2.73	90	0.36	12	--	3H	3W	
14.33	17.37	3.04	2.91	96	1.56	51	--	4H	2W	
17.37	20.42	3.05	2.93	96	1.84	60	--	4H	2W	
20.42	23.47	3.05	2.94	96	1.60	52	--	4H	2W	
23.47	26.52	3.05	2.86	94	1.90	62	--	4H	2W	
26.52	29.57	3.05	2.69	88	1.26	41	--	3H	2W	
29.57	32.61	3.04	2.9	95	1.94	64	--	4H	2W	
32.61	35.66	3.05	2.6	85	1.06	35	--	4H	2W	
35.66	38.71	3.05	2.06	68	0.30	10	--	2H	2W	
38.71	41.71	3.00	2.73	91	1.33	44	--	3H	2W	
41.71	44.81	3.10	2.59	84	1.14	37	--	2H	2W	
44.81	47.85	3.04	2.26	74	0.53	17	--	3H	1W	
47.85	50.90	3.05	2.63	86	0.87	29	--	4H	1W	
50.90	53.95	3.05	2.81	92	0.88	29	--	3H	1W	
53.95	57.00	3.05	2.63	86	0.76	25	--	3H	1W	
57.00	60.05	3.05	2.49	82	1.23	40	--	3H	1W	
60.05	63.09	3.04	2.56	84	0.44	14	--	2H	1W	
63.09	66.14	3.05	2.75	90	1.45	48	--	3H	1W	
66.14	69.19	3.05	2.47	81	0.51	17	--	2H	1W	
69.19	72.24	3.05	2.91	95	0.12	4	--	2H	1W	
72.24	75.29	3.05	2.84	93	0.14	5	--	2H	1W	
75.29	78.33	3.04	2.35	77	1.36	45	--	2H	1W	
78.33	81.38	3.05	2.6	85	1.45	48	--	3H	1W	
81.38	84.43	3.05	2.85	93	1.57	51	--	2H	1W	
84.43	87.48	3.05	3.05	100	1.95	64	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.56	84	0.77	25	--	2H	1W	
90.53	93.57	3.04	2.68	88	0.13	4	--	2H	1W	
93.57	96.62	3.05	3	98	1.92	63	--	2H	1W	
96.62	99.67	3.05	2.86	94	2.43	80	--	3H	1W	
99.67	102.72	3.05	3.05	100	2.37	78	--	3H	1W	
102.72	105.77	3.05	2.96	97	0.75	25	--	3H	1W	
105.77	108.81	3.04	2.76	91	1.17	38	--	3H	1W	
108.81	111.86	3.05	2.88	94	1.42	47	--	4H	1W	
111.86	114.91	3.05	2.9	95	1.01	33	--	4H	1W	
114.91	117.96	3.05	2.89	95	2.45	80	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	9.18	GRD	
5	10.8	GRD	
6	4.96	GRD	
7	0.307	GRD	
8	0.706	GRD	
9	15.2	GRD	
10	11.6	GRD	
11	14.1	GRD	
12	8.45	GRD	
13	14.7	GRD	
14	8.96	GRD	
15	11.1	GRD	
16	22	GRD	
17	10.1	GRD	
18	16.5	GRD	
19	12.3	GRD	
20	15.4	GRD	
21	16.8	GRD	
22	24.2	GRD	
23	18.6	GRD	
24	19.6	GRD	
25	9.9	GRD	
26	13.9	GRD	
27	12.2	GRD	
28	8.49	GRD	
29	0.648	GRD	
30	3.14	GRD	
31	7.03	GRD	
32	152	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	20.3	GRD	
34	8.84	GRD	
35	16.1	GRD	
36	18.4	GRD	
37	1.91	GRD	
38	4.25	GRD	
39	0.313	GRD	
40	0.406	GRD	
41	12.6	GRD	
42	0.618	GRD	
43	8.09	GRD	
44	8.03	GRD	
45	8.56	GRD	
46	21.6	GRD	
47	13.7	GRD	
48	14.5	GRD	
49	15.7	GRD	
50	24.1	GRD	
51	5.8	GRD	
52	13.5	GRD	
53	16.2	GRD	
54	14.8	GRD	
55	0.593	GRD	
56	0.284	GRD	
57	2.35	GRD	
58	0.312	GRD	
59	0.33	GRD	
60	0.612	GRD	
61	1.4	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	5.24	GRD	
63	6.64	GRD	
64	11.9	GRD	
65	15.7	GRD	
66	0.7	GRD	
67	0.37	GRD	
68	0.925	GRD	
69	0.33	GRD	
70	0.163	QFP	
71	0.438	QFP	
72	0.683	QFP	
73	0.296	QFP	
74	0.232	QFP	
75	1.67	GRD	
76	0.329	GRD	
77	0.362	QFP	
78	1.47	GRD	
79	4.04	GRD	
80	0.926	GRD	
81	0.375	GRD	
82	0.228	GRD	
83	0.507	GRD	
84	1.01	GRD	
85	0.387	GRD	
86	0.542	GRD	
87	1.15	GRD	
88	3.51	GRD	
89	0.538	GRD	
90	0.343	GRD	
91	0.343	GRD	
92	0.38	GRD	
93	0.336	GRD	
94	0.191	GRD	
95	0.349	GRD	
96	0.44	GRD	
97	0.161	GRD	
98	0.474	GRD	
99	0.446	GRD	
100	4	GRD	
101	17.7	GRD	
102	19.5	GRD	
103	12.6	GRD	
104	7.36	GRD	
105	0.885	GRD	
106	14.1	GRD	
107	14.2	GRD	
108	18.2	GRD	
109	17.1	GRD	
110	11.6	GRD	
111	18	GRD	
112	14.4	GRD	
113	13.6	GRD	
114	8.63	GRD	
115	16.6	GRD	
116	17.1	GRD	
117	16	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382454	6889526	1407.56	96.62

ZONE: Western BRX

SECTION:

HOLE: KL-14-203

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 3.05m, Out

Drilling Dates: Aug 05 - Aug 06, 2014

Geology Logged By: H. Friday

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	35	-50	Calculated
96.62	36.7	-50.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.95	2.95	CAS
2.95	25.83	22.88	GRD
25.83	66.92	41.09	GRD
66.92	67.72	0.8	GRD
67.72	68.38	0.66	BXA
68.38	77.19	8.81	QFP
77.19	79.92	2.73	GRD
79.92	96.62	16.7	GRD

SAMPLES	
Numbers:	Q927872 to Q927875, Q934211 to Q934246
Total:	44
Batch:	132, 135, 145
Certificates:	WH14120944, WH14121783, WH14121784

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-203

Klaza

estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.95	6.72
2	6.72	9.87
3	9.87	14.33
4	14.33	17.76
5	17.76	21.78
6	21.78	26.04
7	26.04	30.77
8	30.77	34.58
9	34.58	38.71
10	38.71	42.83
11	42.83	47.27
12	47.27	51.3
13	51.3	55.41
14	55.41	59.61
15	59.61	63.73
16	63.73	67.69
17	67.69	71.98
18	71.98	75.84
19	75.84	80.19
20	80.19	84.43
21	84.43	88.66
22	88.66	90
23	90	96.62

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-203									
	67.91	9.2	NQ2	BXA	571.9	373.6	2.93	2.9	Smoky quartz vein breccia hosting blebby pryite, (honey brown) sphalerite, galena, arsenopyrite and bladed calcite.
	68.02	13.5	NQ2	BXA	833.3	568.5	2.91	3.2	Smoky quartz vein breccia with blebby galena, sphalerite (honey brown) and pyrite.
	68.89	13.6	NQ2	QFP	769.3	481.1	2.66	2.7	Strongly silicified smoky quartz pebble clast dominated breccia with quartz feldspar dyke clasts and mineralized pyrite clasts.
	69.19	7.4	NQ2	QFP	404.3	258.6	2.57	2.8	Fine grained strongly silicified smoky quartz breccia with disseminated pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.95	25.83	22.88	GRD	MG	Unaltered granodiorite with oxidation on fractures.							
						MD	GY	MA	OXI	2I		
25.83	36.60	10.77	GRD	MG	Unaltered, unoxidized granodiorite. Local phyllic-argillic alteration halos surrounding veinlet/vein. Trace blebby pyrite in vein.							
						MD	GY	MA	PHC	2I	Py	0.1
						MD	GN		ARG	1I		
36.60	38.25	1.65	GRD	MG	Moderately to strongly phyllic altered granodiorite. Local chlorite and propylitic alteration. Area heavily veined and locally sheared. Trace disseminated pyrite veinlet.							
						MD	GN	MA	PHC	4I	Py	0.1
						LT	GN		CHL	2I		
									PRO	1I		
38.25	39.95	1.70	GRD	MG	Unaltered, unoxidized granodiorite with local phyllic-argillic alteration halos surrounding veinlets/vein. Trace blebby pyrite in vein.							
						MD	GY	MA	PHC	2I	Py	0.1
						MD	GN		ARG	1I		
39.95	40.97	1.02	GRD	MG	Moderately to strongly phyllic altered granodiorite. Local chlorite alteration. Trace disseminated pyrite veinlet.							
						MD	GN	MA			Py	0.1
						LT	GY					
40.97	57.48	16.51	GRD	MG	Unaltered, unoxidized granodiorite. Local phyllic-argillic alteration halos surrounding veinlet/vein. Trace blebby pyrite in vein.							
						MD	GY	MA	PHC	2I	Py	0.1
									ARG	1I		
57.48	62.50	5.02	GRD	MG	Alternating patchy argillic, phyllic, and unaltered granodiorite. Phyllic seen immediately surrounding veins. Trace pyrite in vein.							
						MD	GY	MA	ARG	4I	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	4I		
62.50	66.92	4.42	GRD	MG	Unaltered, unoxidized granodiorite. Local phyllic-argillic alteration halos surrounding veinlet/vein. Trace blebby pyrite in vein.							
						MD	GY	MA	PHC	2I	Py	0.1
						MD	GN		ARG	1I		
66.92	67.72	0.80	GRD	MG	Mineralized phyllic granodiorite. Pyrite blebs seem throughout and numerous mineralized veinlet.							
						MD	GY					
						LT	GN	MA	PHC	5I	Py	2
67.72	68.38	0.66	BXA	MG	Hanging wall breccia vein. Heavily silicified quartz/granodiorite breccia vein. Fragmented quartz vein throughout. Disseminated pyrite in dark breccia matrix. Blebs of pyrite, galena, and arsenopyrite as clasts in breccia. Local sphalerite in seams and blebs. Quartz ranges from milky white to smoky grey.							
						MD	GY	BX	SIL	4I	Py	10
											Gn	2
											As	1
											Sp	1
68.38	77.19	8.81	QFP	FG	Quartz feldspar porphyry dyke. Local smoky quartz veins and breccia veins. Local gouge zones (~15cm). Weakly mineralized throughout.							
						MD	GN	PO	HYD	4I	Py	0.1
						MD	GY					
77.19	79.92	2.73	GRD	MG	Mineralized phyllic granodiorite with local segments of weakly altered to unaltered granodiorite. Pyrite seen in veinlets and disseminated throughout.							
						MD	GN	MA	PHC	5I	Py	4
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
79.92	84.00	4.08	GRD	MG	Phyllic altered granodiorite with patchy unaltered granodiorite and argillic alteration. Pyrite and sphalerite seen locally in veinlet and vein. Series of white carbonate venilets throughout at 2/m spacing.							
						MD	GN	MA	PHC	4I	Sp	0.5
						LT	GN		ARG	3I	Py	1
84.00	93.42	9.42	GRD	MG	Unaltered granodiorite with local phyllic alteration halos surrounding veins and veinlets. Local argillic alteration.							
						MD	GY	MA	PHC	2I	Py	0.5
						MD	GN		ARG	1I	Sp	0.1
93.42	96.19	2.77	GRD	MG	Heavily phyllic and silicified granodiorite. Local gouge seams throughout. Local zones with more chloritized granodiorite. Pyrite seen in vein/veinlets and disseminated throughout.							
						MD	GN		PHC	5I		
						LT	GN	MA	SIL	2I	Py	1
									ARG	2I		
									CHL	2I		
96.19	96.62	0.43	GRD	MG	Unaltered granodiorite with local phyllic alteration halos surrounding veins and veinlets. Local argillic alteration.							
						MD	GY	MA	PHC	2I	Py	0.5
						MD	GN		ARG	1I	Sp	0.1

KL-14-203

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.95	25.83	22.88	GRD	MG	Unaltered granodiorite with oxidation on fractures.							
						MD	GY	MA	OXI	2I		
25.83	66.92	41.09	GRD	MG	Unaltered, unoxidized granodiorite. Local phyllic-argillic alteration halos surrounding veinlet/vein. Trace blebby pyrite in vein.							
						MD	GN		ARG	1I		
						MD	GY	MA	PHC	2I	Py	0.1
66.92	67.72	0.80	GRD	MG	Mineralized phyllic granodiorite. Pyrite blebs seem throughout and numerous mineralized veinlet.							
						MD	GY					
						LT	GN	MA	PHC	5I	Py	2
67.72	68.38	0.66	BXA	MG	Hanging wall breccia vein. Heavily silicified quartz/granodiorite breccia vein. Fragmented quartz vein throughout. Disseminated pyrite in dark breccia matrix. Blebs of pyrite, galena, and arsenopyrite as clasts in breccia. Local sphalerite in seams and blebs. Quartz ranges from milky white to smoky grey.							
											Sp	1
											As	1
											Gn	2
						MD	GY	BX	SIL	4I	Py	10
68.38	77.19	8.81	QFP	FG	Quartz feldspar porphyry dyke. Local smoky quartz veins and breccia veins. Local gouge zones (~15cm). Weakly mineralized throughout.							
						MD	GN					
						MD	GY	PO	HYD	4I	Py	0.1
77.19	79.92	2.73	GRD	MG	Mineralized phyllic granodiorite with local segments of weakly altered to unaltered granodiorite. Pyrite seen in veinlets and disseminated throughout.							
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	MA	PHC	5I	Py	4
79.92	96.62	16.70	GRD	MG	Unaltered granodiorite with local phyllic alteration halos surrounding veins and veinlets. Local argillic alteration.							
						MD	GN		ARG	1I	Sp	0.1
						MD	GY	MA	PHC	2I	Py	0.5

KL-14-203

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.95	2.95	0	0	0.00	0	--	--	--	
2.95	5.18	2.23	2.23	100	1.13	51	--	4H	3W	
5.18	8.23	3.05	2.44	80	0.66	22	--	4H	3W	
8.23	11.28	3.05	2.36	77	0.27	9	--	3H	4W	
11.28	14.33	3.05	2.7	89	1.32	43	--	3H	2W	
14.33	17.37	3.04	2.41	79	0.16	5	--	3H	3W	
17.37	20.42	3.05	2.88	94	1.29	42	--	4H	2W	
20.42	23.47	3.05	2.84	93	1.99	65	--	4H	2W	
23.47	26.52	3.05	3	98	2.33	76	--	3H	2W	
26.52	29.57	3.05	2.86	94	1.92	63	--	3H	2W	
29.57	32.61	3.04	2.84	93	2.22	73	--	3H	2W	
32.61	35.66	3.05	2.88	94	1.93	63	--	3H	1W	
35.66	38.71	3.05	2.89	95	1.95	64	--	3H	1W	
38.71	41.76	3.05	2.88	94	1.84	60	--	3H	1W	
41.76	44.81	3.05	2.78	91	1.46	48	--	3H	1W	
44.81	47.85	3.04	2.63	87	0.76	25	--	3H	1W	
47.85	50.90	3.05	2.78	91	1.28	42	--	3H	1W	
50.90	53.95	3.05	2.89	95	2.17	71	--	3H	1W	
53.95	57.00	3.05	2.89	95	2.07	68	--	3H	1W	
57.00	60.05	3.05	2.83	93	1.45	48	--	2H	1W	
60.05	63.09	3.04	2.64	87	1.61	53	--	3H	1W	
63.09	66.14	3.05	2.85	93	1.50	49	--	4H	1W	
66.14	69.19	3.05	3	98	1.98	65	--	3H	1W	
69.19	72.24	3.05	3.05	100	1.73	57	--	3H	1W	
72.24	75.29	3.05	2.91	95	1.48	49	--	3H	1W	
75.29	78.33	3.04	2.98	98	2.40	79	--	3H	1W	
78.33	81.38	3.05	3.02	99	2.05	67	--	4H	1W	
81.38	84.43	3.05	3.03	99	1.57	51	--	4H	1W	
84.43	87.48	3.05	2.89	95	1.48	49	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.98	98	2.02	66	--	4H	1W	
90.53	93.57	3.04	2.99	98	2.05	67	--	4H	1W	
93.57	96.62	3.05	2.96	97	1.38	45	--	3H	1W	

KL-14-203

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	16.4	GRD	
4	20.3	GRD	
5	10.7	GRD	
6	16.2	GRD	
7	16.4	GRD	
8	13.7	GRD	
9	16.6	GRD	
10	14.5	GRD	
11	20.3	GRD	
12	11.5	GRD	
13	19.9	GRD	
14	9.99	GRD	
15	10.1	GRD	
16	0.576	GRD	
17	20.4	GRD	
18	17.9	GRD	
19	12	GRD	
20	20.3	GRD	
21	19.8	GRD	
22	10.3	GRD	
23	15	GRD	
24	13.9	GRD	
25	20.5	GRD	
26	0.363	GRD	
27	15.9	GRD	
28	6.43	GRD	
29	9.97	GRD	
30	20.2	GRD	
31	17	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	15.3	GRD	
33	0.476	GRD	
34	17	GRD	
35	15	GRD	
36	19.4	GRD	
37	0.375	GRD	
38	0.357	GRD	
39	10.9	GRD	
40	0.424	GRD	
41	10.2	GRD	
42	17.4	GRD	
43	17.3	GRD	
44	10.3	GRD	
45	16.2	GRD	
46	13.1	GRD	
47	19.6	GRD	
48	17.3	GRD	
49	0.58	GRD	
50	14.7	GRD	
51	11.3	GRD	
52	18.1	GRD	
53	20.6	GRD	
54	30.4	GRD	
55	19.2	GRD	
56	12.2	GRD	
57	12.8	GRD	
58	0.93	GRD	
59	16.5	GRD	
60	0.561	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	0.311	GRD	
62	0.471	GRD	
63	5.25	GRD	
64	21.7	GRD	
65	18.9	GRD	
66	17.1	GRD	
67	0.328	GRD	
68	0.181	BXA	
69	0.255	QFP	
70	0.248	QFP	
71	0.202	QFP	
72	0.222	QFP	
73	0.182	QFP	
74	0.241	QFP	
75	0.242	QFP	
76	0.249	QFP	
77	0.252	QFP	
78	0.479	GRD	
79	0.408	GRD	
80	1.56	GRD	
81	1.87	GRD	
82	0.345	GRD	
83	0.331	GRD	
84	0.307	GRD	
85	1.33	GRD	
86	0.478	GRD	
87	19.3	GRD	
88	16.2	GRD	
89	6.82	GRD	
90	17	GRD	
91	12.6	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
92	10.9	GRD	
93	1.92	GRD	
94	0.309	GRD	
95	2.63	GRD	
96	0.317	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382386	6890955	1289.17	78.33

ZONE: Western Klaza

SECTION:

HOLE: KL-14-204

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Aug 05 - Aug 06, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	34.72	-50	Calculated
78.33	35.8	-50.2	Reflex

TARGET: Western Klaza

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.75	2.75	CAS
2.75	18.42	15.67	GRD
18.42	20.3	1.88	GRD
20.3	21.49	1.19	QFP
21.49	25.9	4.41	GRD
25.9	33	7.1	GRD
33	35.43	2.43	GRD
35.43	60.65	25.22	GRD
60.65	78.33	17.68	GRD

SAMPLES	
Numbers:	Q926637 to Q926682
Total:	48
Batch:	131, 133
Certificates:	WH14120945, WH14120947

COMMENTS

The magnetic sensors in the downhole survey tool were faulty, all azimuth and magnetic data is unreliable. Dip values are accurate. New azimuth values were calculated using a regression formula derived from reliable survey readings from other holes.

Box Log

KL-14-204

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.75	5.5
2	5.5	8.55
3	8.55	11.6
4	11.6	14.92
5	14.92	18.1
6	18.1	21.12
7	21.12	23.95
8	23.95	26.95
9	26.95	29.82
10	29.82	32.61
11	32.61	35.66
12	35.66	38.82
13	38.82	42.04
14	42.04	45.23
15	45.23	48.31
16	48.31	51.37
17	51.37	54.78
18	54.78	58.04
19	58.04	60.94
20	60.94	63.83
21	63.83	67
22	67	70.2
23	70.2	73.25
24	73.25	76
25	76	78.33

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-204									
	12.14	11.8	HQ	GRD	1041.5	662.7	3.02	2.8	Moderate to strong phyllic altered granodiorite with moderate propalytic overprint and moderate silicification. Cut by 4 centimeter banded quartz-calcite-ankerite vein with blebby pyrite and sphalerite. Some bladed quartz textures.
	33.48	15.6	HQ	GRD	1370.3	879.2	3.01	2.8	Intensely silicified smoky quartz breccia with coarse sand to cobble moderate phyllic altered granodiorite clasts with disseminated pyrite throughout and disseminated to semi-massive mineralized pyrite clasts. Moderate oxidation on fracture surfaces.
	34.18	16.4	HQ	GRD	1389.5	860.7	2.9	2.6	Intensely silicified smoky quartz breccia with obliterated moderate phyllic altered granodiorite clasts, disseminated goethite and pervasive limonite. Pervasive moderate oxidation.
	69.53		HQ	GRD	253.6		2.67		Moderate phyllic altered granodiorite with moderate silicification. Cut by 1.7 centimeter quartz-ankerite vein and smoky quartz veinlet (0.5 centimeter)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.75	11.05	8.30	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures. Patchy weak argillic alteration pervasively oxidized.							
						MD	PK		SIL	3I		
						MD	GY		OXI	3I		
						DK	GN		ARG	3I		
									POT	1I		
									PRO	1I		
11.05	17.06	6.01	GRD	MG	Alternating patches of moderately silicified phyllic alteration and pervasively oxidized argillic alteration. Phyllic alteration hosts an abundance of quartz carbonate veining.							
						MD	GN		ARG	3I		
						MD	OR		SIL	3I		
						LT	GN	PA	OXI	3I		
						LT	WH		PHC	3I		
17.06	18.42	1.36	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures. Patchy weak argillic alteration pervasively oxidized.							
						MD	GY		OXI	3I		
						MD	PK		SIL	3I		
						DK	GN		ARG	3I		
									POT	1I		
									PRO	1I		
18.42	20.30	1.88	GRD	MG	Pervasively oxidized moderately silicified phyllic alteration with patchy trace to weak argillic alteration. Host ~ 1 quartz/carbonate veinlet per meter.							
						MD	OR		OXI	3I		
						LT	GN		SIL	2I		
									ARG	1I		
									ARG	2I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
20.30	21.49	1.19	QFP	FG	Oxidized purple/orange quartz feldspar porphyry dyke. Contacts are gouge altered and broken up, no angle.							
						MD	PU	PO				
						MD	OR					
21.49	25.90	4.41	GRD	MG	Pervasively oxidized moderately silicified phyllic alteration with patchy trace to weak argillic alteration. Host ~ 1 quartz/carbonate veinlet per meter.							
						MD	OR		OXI	3I		
						LT	GN		SIL	2I		
									PHC	3I		
									ARG	2I		
									ARG	1I		
25.90	33.00	7.10	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration, and moderately silicified phyllic alteration. Pervasively oxidized.							
						MD	OR	PA	POT	2I		
						MD	PK		PHC	3I		
						MD	GN		ARG	3I		
						LT	WH		PRO	2I		
						DK	GN		SIL	3I		
									OXI	3I		
33.00	35.43	2.43	GRD	MG	Moderately silicified phyllic altered granodiorite hosting two smokey quartz/sulphide breccia. Hosts trace disseminated pyrite.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I	Py	1
59.15	60.65	1.50	GRD	MG	Moderately potassic overprinted argillic alteration with small silicified phyllic envelopes around quartz/carbonate veinlets.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
60.65	61.22	0.57	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite. Moderately silicified.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	3I		
						MD	GY		SIL	3I		
						DK	GN		PRO	3I		
									POT	2I		
									PRO	2I		
61.22	61.90	0.68	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
61.90	62.50	0.60	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		POT	3I		
						MD	GY		SIL	3I		
						DK	GN		PRO	3I		
									PRO	2I		
									POT	2I		
62.50	68.38	5.88	GRD	MG	Alternating patches of weak potassic/propyllitic alteration and moderately silicified moderate potassic/propyllitic alteration.							
						MD	GY	PA	POT	2I		
						MD	PK		POT	3I		
						LT	WH		PRO	3I		
						DK	GN		PRO	2I		
									SIL	3I		
									ARG	3I		
68.38	69.60	1.22	GRD	MG	Moderately silicified phyllic envelope around three quartz/carbonate/sulphite veins/veinlets.							
						LT	GN	EN	SIL	3I		
									PHC	3I		
69.60	73.57	3.97	GRD	MG	Alternating patches of weak potassic/propyllitic alteration and moderately silicified moderate potassic/propyllitic alteration.							
						MD	GY	PA	POT	2I		
						MD	PK		POT	3I		
						LT	WH		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PRO	2I		
									ARG	3I		
									SIL	3I		
76.00	77.43	1.43	GRD	MG	Alternating patches of weak potassic/propyllitic alteration and moderately silicified moderate potassic/propyllitic alteration.							
						MD	GY	PA	POT	2I		
						MD	PK		POT	3I		
						LT	WH		PRO	3I		
						DK	GN		PRO	2I		
									ARG	3I		
									SIL	3I		
77.43	78.33	0.90	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		POT	3I		
						DK	GN		PRO	3I		
									PRO	2I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.75	18.42	15.67	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures. Patchy weak argillic alteration pervasively oxidized.							
						MD	PK		SIL	3I		
						DK	GN		ARG	3I		
									POT	1I		
									PRO	1I		
						MD	GY	PA	OXI	3I		
18.42	20.30	1.88	GRD	MG	Pervasively oxidized moderately silicified phyllic alteration with patchy trace to weak argillic alteration. Host ~ 1 quartz/carbonate veinlet per meter.							
									PHC	3I		
									ARG	2I		
						LT	GN		SIL	2I		
						MD	OR		OXI	3I		
									ARG	1I		
20.30	21.49	1.19	QFP	FG	Oxidized purple/orange quartz feldspar porphyry dyke. Contacts are gouge altered and broken up, no angle.							
						MD	OR	PO				
						MD	PU					
21.49	25.90	4.41	GRD	MG	Pervasively oxidized moderately silicified phyllic alteration with patchy trace to weak argillic alteration. Host ~ 1 quartz/carbonate veinlet per meter.							
									ARG	1I		
									ARG	2I		
						MD	OR		OXI	3I		
						LT	GN		SIL	2I		
									PHC	3I		
25.90	33.00	7.10	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration, and moderately silicified phyllic alteration. Pervasively oxidized.							
						LT	WH		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		ARG	3I		
						DK	GN		SIL	3I		
						MD	PK		PHC	3I		
									OXI	3I		
						MD	OR	PA	POT	2I		
33.00	35.43	2.43	GRD	MG	Moderately silicified phyllic altered granodiorite hosting two smokey quartz/sulphide breccia. Hosts trace disseminated pyrite.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I	Py	1
35.43	60.65	25.22	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. Oxidized along fracture surfaces. Small phyllic envelopes around quartz veinlets.							
						DK	GN					
						MD	PK					
						MD	GY					
						MD	OR					
60.65	78.33	17.68	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite. Moderately silicified.							
									PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	3I		
						MD	PK		POT	3I		
									POT	2I		

KL-14-204

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.75	2.75	0	0	0.00	0	--	--	--	
2.75	5.18	2.43	2.37	98	0.43	18	--	4H	3W	
5.18	8.23	3.05	2.95	97	1.43	47	--	4H	2W	
8.23	11.28	3.05	3.01	99	1.69	55	--	3H	2W	
11.28	14.33	3.05	2.8	92	2.12	70	--	3H	2W	
14.33	17.37	3.04	3	99	2.46	81	--	3H	2W	
17.37	20.42	3.05	2.9	95	2.15	70	--	3H	2W	
20.42	23.47	3.05	3.01	99	1.74	57	--	2H	2W	
23.47	26.52	3.05	2.98	98	2.19	72	--	3H	3W	
26.52	29.56	3.04	2.55	84	1.55	51	--	2H	3W	
29.56	32.61	3.05	2.83	93	1.20	39	--	2H	2W	
32.61	35.66	3.05	2.64	87	1.78	58	--	3H	3W	
35.66	38.71	3.05	2.85	93	2.19	72	--	4H	2W	
38.71	41.76	3.05	2.94	96	2.38	78	--	4H	2W	
41.76	44.81	3.05	2.91	95	2.36	77	--	4H	2W	
44.81	47.85	3.04	3.01	99	2.51	83	--	4H	2W	
47.85	50.90	3.05	3.02	99	2.77	91	--	4H	1W	
50.90	53.95	3.05	3.05	100	2.68	88	--	4H	1W	
53.95	57.00	3.05	2.91	95	2.42	79	--	4H	1W	
57.00	60.05	3.05	3.04	100	2.59	85	--	3H	1W	
60.05	63.09	3.04	3.04	100	2.00	66	--	3H	1W	
63.09	66.14	3.05	2.99	98	2.56	84	--	4H	1W	
66.14	69.19	3.05	2.83	93	2.32	76	--	4H	1W	
69.19	72.24	3.05	2.89	95	2.12	70	--	3H	1W	
72.24	75.29	3.05	2.85	93	1.11	36	--	3H	1W	
75.29	78.33	3.04	3.04	100	2.11	69	--	3H	1W	

KL-14-204

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	13.3	GRD	
4	3.65	GRD	
5	12.3	GRD	
6	0.485	GRD	
7	8.38	GRD	
8	6.95	GRD	
9	0.588	GRD	
10	10.9	GRD	
11	0.545	GRD	
12	0.233	GRD	
13	0.348	GRD	
14	0.267	GRD	
15	0.417	GRD	
16	10.3	GRD	
17	1.57	GRD	
18	4.34	GRD	
19	0.249	GRD	
20	0.33	GRD	
21	0.191	QFP	
22	0.202	GRD	
23	0.261	GRD	
24	0.424	GRD	
25	0.395	GRD	
26	2.38	GRD	
27	0.297	GRD	
28	0.196	GRD	
29	0.327	GRD	
30	2.14	GRD	
31	3.55	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	5.38	GRD	
33	0.275	GRD	
33	0.275	GRD	
34	0.338	GRD	
35	0.543	GRD	
36	1.1	GRD	
37	3.58	GRD	
38	3.24	GRD	
39	14.8	GRD	
40	0.549	GRD	
41	1.32	GRD	
42	6.77	GRD	
43	17.9	GRD	
44	18.4	GRD	
45	18.7	GRD	
46	10.8	GRD	
47	6.12	GRD	
48	17.8	GRD	
49	17.8	GRD	
50	16.1	GRD	
51	16.6	GRD	
52	19.1	GRD	
53	16.7	GRD	
54	16.2	GRD	
55	18.7	GRD	
56	19.2	GRD	
57	11.2	GRD	
58	18.8	GRD	
59	3	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	0.545	GRD	
61	14.9	GRD	
62	4.12	GRD	
63	0.583	GRD	
64	1.15	GRD	
65	0.561	GRD	
66	0.425	GRD	
67	1.8	GRD	
68	0.32	GRD	
69	0.264	GRD	
70	0.666	GRD	
71	0.529	GRD	
72	0.335	GRD	
73	1.69	GRD	
74	0.188	GRD	
75	0.508	GRD	
76	0.637	GRD	
77	10.6	GRD	
78	12.5	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382488	6889488	1411.08	99.67

ZONE: Central BRX

SECTION:

HOLE: KL-14-205

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 6.1m, Out

Drilling Dates: Aug 06 - Aug 06, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	35.6	-52.9	Reflex
99.66	35.6	-52.9	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.6	4.6	CAS
4.6	53.37	48.77	GRD
53.37	62.71	9.34	GRD
62.71	77.51	14.8	GRD
77.51	78.33	0.82	VEN
78.33	79.11	0.78	GRD
79.11	79.72	0.61	QFP
79.72	79.86	0.14	GRD
79.86	80.13	0.27	GRD
80.13	80.97	0.84	GRD
80.97	99.67	18.7	GRD

SAMPLES	
Numbers:	Q927876 to Q927878, Q934247 to Q934286
Total:	48
Batch:	135, 137, 145
Certificates:	WH14121781, WH14121783, WH14121784

COMMENTS

Box Log

KL-14-205

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.6	8.54
2	8.54	12.82
3	12.82	17.31
4	17.31	21.46
5	21.46	25.77
6	25.77	30.04
7	30.04	34.08
8	34.08	37.89
9	37.89	42.86
10	42.86	46.47
11	46.47	50.9
12	50.9	55.12
13	55.12	59.45
14	59.45	63.46
15	63.46	67.69
16	67.69	71.82
17	71.82	75.85
18	75.85	80.27
19	80.27	84.43
20	84.43	89.06
21	89.06	92.95
22	92.95	96.86
23	96.86	99.67

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-205									
	69.98	13.3	NQ2	GRD	1134.1	866.5	4.02	4.2	Quartz vein with semi-massive to massive pyrite with disseminated galena.
	79.76	7.2	NQ2	GRD	432.8	279.6	2.83	2.8	Smoky quartz-ankerite breccia with disseminated pyrite and blebby pyrite, sphalerite and galena.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.60	5.54	0.94	GRD	MG	Weak to trace propylitic and potassic altered granodiorite. Fractures host moderate oxide staining. Intermittent rubbly sections, which generally host moderate to strong oxide staining on fractures.							
						MD	GN		SIL	3I		
						MD	GY		OXI	2I		
5.54	8.15	2.61	GRD	MG	Strong phyllic altered granodiorite with patchy argillic overprinting. Strong hematite and limonite/goethite within phyllic altered granodiorite hosting blebby pyrite. Smokey and grey quartz-carbonate veins common and host blebby pyrite, sphalerite, arsenopyrite. A 10 cm gougy interval with goethite and limonite within the phyllic altered granodiorite.							
						LT	GN		PHC	5I	Py	3
						--	OR		SIL	3I	As	1
									ARG	3I	Sp	1
8.15	32.61	24.46	GRD	MG	Weak to trace propylitic and potassic altered granodiorite. Fractures host moderate oxide staining. Intermittent rubbly sections, which generally host moderate to strong oxide staining on fractures.							
						MD	GY		OXI	2I		
						MD	GN		SIL	3I		
34.67	50.00	15.33	GRD	MG	Weak to trace propylitic and potassic altered granodiorite. Fractures host moderate oxide staining. Intermittent rubbly sections, which generally host moderate to strong oxide staining on fractures.							
						MD	GY		OXI	2I		
						MD	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
50.00	53.37	3.37	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy argillic and phyllic altered granodiorite overprint. Patchy phyllic and argillic altered granodiorite is associated with an approximately 4 cm wide quartz-carbonate vein with blebby pyrite and arsenopyrite. Phyllic altered granodiorite hosts disseminated pyrite.							
						LT	GN		SIL	2I	As	0.01
						DK	GY		OXI	2I	Py	0.1
									PHC	3I		
									ARG	2I		
53.37	62.71	9.34	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy phyllic and argillic alteration overprint. Patchy phyllic and argillic alteration observed as halos from quartz-carbonate veinlets/veins (plus or minus mineralization). Quartz is smokey to grey. Phyllic altered granodiorite is non to variably mineralized.							
						LT	GN		OXI	2I	Py	0.1
						DK	GY		SIL	2I		
									PHC	3I		
									ARG	2I		
62.71	75.55	12.84	GRD	MG	Phyllic altered granodiorite with patchy argillic alteration. Minor patchy strong argillic and potassic overprinting. Pyrite is variable within phyllic altered granodiorite.							
						LT	GN		SIL	5I		
						DK	GY		PHC	5I		
75.55	76.76	1.21	GRD	MG	Intermittent milky to grey quartz veins hosting semi-massive to blebby pyrite, black jack sphalerite and arsenopyrite withing strongly phyllic altered granodiorite. Phyllic altered granodiorite hosts 5% pyrite as disseminations and stringers.							
						MD	GY	BN	SIL	4I	Py	25
						DK	GY		PHC	5I	As	1
											Sp	1
76.76	77.51	0.75	GRD	MG	Strongly phyllic altered granodiorite with up to 5% disseminated pyrite. Strong veinlets within grey quartz hosting blebby pyrite.							
						MD	GY		SIL	4I	Py	5
						DK	GY		PHC	5I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
77.51	78.33	0.82	VEN	--	Quartz-carbonate vein defined by grey quartz and ankerite (vuggy) hosting semi-massive to massive pyrite with blebby galena, honey brown sphalerite, jamesonite and arsenopyrite. Galena appears to be associated with ankerite, while pyrite is associated with quartz.							
						MD	GY		SIL	5I	Py	50
						DK	GY				As	5
											Sp	2
											Gn	2
											Jm	0.1
78.33	79.11	0.78	GRD	MG	Strongly phyllic altered granodiorite with blebby and stringers of pyrite, galena, honey brown sphalerite. Ankerite veins within the interval host blebby galena (5%), honebrown sphalerite (1%) with trace pyrite. Disseminated arsenopyrite is found withing phyllic altered granodiorite (1%).							
						LT	GN		SIL	4I	Py	5
									PHC	5I	As	1
											Gn	2
											Sp	1
79.11	79.72	0.61	QFP	MG	Lite to medium green quartz-feldspar porphyry dyke with crackle breccia and gougy textures. Moderate quartz-carb veining found withing dyke.							
						MD	GN	CR			As	0.1
						LT	GN	PO			Py	1
79.72	79.86	0.14	GRD	MG	Breccia with light green quartz-feldspar porphyry clasts and dark grey smokey quartz clasts within a fine grained sulphide rich, dark grey matrix. Clasts are also made up of galena-, honey brown sphalerite-rich clasts. Pyrite is blebby and found as disseminations thoughout. Arsenopyrite is blebby and trace.							
						DK	GY	BX	SIL	3I	Py	2
											Sp	1
											As	1
											Gn	1
79.86	80.13	0.27	GRD	MG	Strongly phyllic altered granodiorite, which is moderately gougy. Blebby pyrite found disseminated throughout the interval.							
						LT	GN		PHC	5I	Py	0.1
									SIL	5I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
80.13	80.97	0.84	GRD	MG	Strongly phyllic altered granodiorite. Strongly silicified with calcite veinlets pervasive throughout. Disseminated pyrite within entire interval.							
						LT	GN		PHC	5I	Py	0.1
									SIL	5I		
80.97	99.67	18.70	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with pervasively patchy phyllic altered granodiorite. Minor patches of argillic alteration pervasive throughout. Quartz-carbonate veins/veinlets with our without mineralization are found within more phyllic altered intervals. Carbonate veins associated with galena and sphalerite (blebby) while dark grey quartz hosts blebby pyrite. Tourmaline is trace and found in phyllic altered zones as disseminations and along fractures.							
						LT	GN		POT	2I		
						DK	GY		PHC	2I		
									SIL	3I		
									ARG	1I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.60	53.37	48.77	GRD	MG	Weak to trace propylitic and potassic altered granodiorite. Fractures host moderate oxide staining. Intermittent rubbly sections, which generally host moderate to strong oxide staining on fractures. Low angle quartz-carbonate veins hosting blebby pyrite and hematite. Slickensides are found locally on some fractures. Minor calcite veinlets pervasive throughout interval. A strongly phyllic altered zone with orange gouge near top to interval.							
						MD	GY		OXI	2I		
						MD	GN		SIL	3I		
53.37	62.71	9.34	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy phyllic and argillic alteration overprint. Patchy phyllic and argillic alteration observed as halos from quartz-carbonate veinlets/veins (plus or minus mineralization). Quartz is smokey to grey. Phyllic altered granodiorite is non to variably mineralized.							
									ARG	2I		
									PHC	3I		
						DK	GY		SIL	2I		
						LT	GN		OXI	2I	Py	0.1
62.71	77.51	14.80	GRD	MG	Phyllic altered granodiorite with patchy argillic alteration. Interval hosts moderate gouge and crackle breccia textures. Pyrite is found as disseminations and varies throughout the phyllic altered granodiorite. Minor patchy strong argillic and potassic overprinting. From 75.36 to the end of the interval see strong quartz veining with semi-massive pyrite (veins up to 33 cm) with milky white quartz. Trace disseminated tourmaline (black) within strong phyllic altered zones.							
									POT	2I		
									ARG	3I		
						DK	PK		PHC	4I		
						LT	GN		SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
77.51	78.33	0.82	VEN	--	Quartz-carbonate vein defined by grey quartz and ankerite (vuggy) hosting semi-massive to massive pyrite with blebby galena, honey brown sphalerite, jamesonite and arsenopyrite. Galena appears to be associated with ankerite, while pyrite is associated with quartz.							
						MD	GY		SIL	5I	Py	50
											Gn	2
											Jm	0.1
						DK	GY				As	5
											Sp	2
78.33	79.11	0.78	GRD	MG	Strongly phyllic altered granodiorite with blebby and stringers of pyrite, galena, honey brown sphalerite. Ankerite veins within the interval host blebby galena (5%), honebrown sphalerite (1%) with trace pyrite. Disseminated arsenopyrite is found withing phyllic altered granodiorite (1%).							
						LT	GN		SIL	4I	Py	5
											Sp	1
									PHC	5I	As	1
											Gn	2
79.11	79.72	0.61	QFP	MG	Lite to medium green quartz-feldspar porphyry dyke with crackle breccia and gougy textures. Moderate quartz-carb veining found withing dyke.							
						MD	GN	CR			As	0.1
						LT	GN	PO			Py	1
79.72	79.86	0.14	GRD	MG	Breccia with light green quartz-feldspar porphyry clasts and dark grey smokey quartz clasts within a fine grained sulphide rich, dark grey matrix. Clasts are also made up of galena-, honey brown sphalerite-rich clasts. Pyrite is blebby and found as disseminations thoughout. Arsenopyrite is blebby and trace.							
											Sp	1
											Gn	1
											As	1
						DK	GY	BX	SIL	3I	Py	2
79.86	80.13	0.27	GRD	MG	Strongly phyllic altered granodiorite, which is moderately gougy. Blebby pyrite found disseminated throughout the interval.							
									SIL	5I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	5I	Py	0.1
80.13	80.97	0.84	GRD	MG	Strongly phyllic altered granodiorite. Strongly silicified with calcite veinlets pervasive throughout. Disseminated pyrite within entire interval.							
									SIL	5I		
						LT	GN		PHC	5I	Py	0.1
80.97	99.67	18.70	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with pervasively patchy phyllic altered granodiorite. Minor patches of argillic alteration pervasive throughout. Quartz-carbonate veins/veinlets with our without mineralization are found within more phyllic altered intervals. Carbonate veins associated with galena and sphalerite (blebby) while dark grey quartz hosts blebby pyrite. Tourmaline is trace and found in phyllic altered zones as disseminations and along fractures.							
						LT	GN		POT	2I		
									ARG	1I		
									PRO	2I		
									SIL	3I		
						DK	GY		PHC	2I		

KL-14-205

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.60	4.60	0	0	0.00	0	--	--	--	
4.60	5.18	0.58	0.38	66	0.27	47	--	1H	3W	
5.18	8.23	3.05	3.01	99	2.31	76	--	2H	4W	
8.23	11.28	3.05	2.94	96	2.12	70	--	3H	2W	
11.28	14.33	3.05	3.04	100	2.84	93	--	4H	2W	
14.33	17.37	3.04	2.98	98	2.12	70	--	4H	3W	
17.37	20.42	3.05	2.83	93	1.64	54	--	4H	3W	
20.42	23.47	3.05	2.99	98	1.92	63	--	4H	2W	
23.47	26.52	3.05	3.03	99	2.36	77	--	4H	1W	
26.52	29.57	3.05	2.84	93	2.70	89	--	4H	1W	
29.57	32.61	3.04	3.04	100	2.47	81	--	4H	1W	
32.61	35.66	3.05	2.74	90	1.38	45	--	4H	1W	
35.66	38.71	3.05	2.95	97	2.38	78	--	4H	1W	
38.71	41.76	3.05	2.91	95	2.79	91	--	4H	1W	
41.76	44.81	3.05	3.05	100	2.84	93	--	4H	1W	
44.81	47.85	3.04	2.78	91	2.08	68	--	4H	1W	
47.85	50.90	3.05	3.01	99	2.24	73	--	3H	1W	
50.90	53.95	3.05	2.85	93	1.80	59	--	4H	1W	
53.95	57.00	3.05	2.85	93	2.18	71	--	3H	1W	
57.00	60.05	3.05	2.89	95	1.63	53	--	3H	1W	
60.05	63.09	3.04	2.8	92	1.77	58	--	3H	1W	
63.09	66.14	3.05	2.95	97	1.76	58	--	3H	1W	
66.14	69.19	3.05	2.58	85	0.54	18	--	3H	1W	
69.19	72.24	3.05	2.96	97	1.97	65	--	2H	1W	
72.24	75.29	3.05	2.9	95	1.73	57	--	3H	1W	
75.29	78.33	3.04	2.92	96	2.17	71	--	2H	1W	
78.33	81.38	3.05	3	98	1.81	59	--	2H	1W	
81.38	84.43	3.05	2.86	94	1.57	51	--	4H	1W	
84.43	87.48	3.05	2.57	84	1.03	34	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.03	99	0.84	28	--	4H	1W	
90.53	93.57	3.04	3.04	100	2.44	80	--	4H	1W	
93.57	96.62	3.05	2.98	98	2.42	79	--	3H	1W	
96.62	99.67	3.05	2.95	97	2.20	72	--	4H	1W	EOH

Magnetic Suscepatibility

KL-14-205

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	1.58	GRD	
6	3.12	GRD	
7	1.19	GRD	
8	0.286	GRD	
9	1.11	GRD	
10	16	GRD	
11	19.5	GRD	
12	21.1	GRD	
13	22.1	GRD	
14	17.5	GRD	
15	19.4	GRD	
16	17.6	GRD	
17	19.7	GRD	
18	16.4	GRD	
19	13.8	GRD	
20	22	GRD	
21	20.6	GRD	
22	21.2	GRD	
23	9.84	GRD	
24	19.8	GRD	
25	20	GRD	
26	22.3	GRD	
27	18.1	GRD	
28	22.5	GRD	
29	19	GRD	
30	20.1	GRD	
31	18.1	GRD	
32	19.5	GRD	
33	0.6	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	1.06	GRD	
35	18.2	GRD	
36	22.3	GRD	
37	21	GRD	
38	20.3	GRD	
39	15.5	GRD	
40	18.2	GRD	
41	18.1	GRD	
42	19.3	GRD	
43	22.6	GRD	
44	21.8	GRD	
45	20.4	GRD	
46	63.3	GRD	
47	17.2	GRD	
48	0.559	GRD	
49	8.21	GRD	
50	0.406	GRD	
51	11.3	GRD	
52	20	GRD	
53	0.975	GRD	
54	0.273	GRD	
55	0.455	GRD	
56	0.387	GRD	
57	9.08	GRD	
58	7.65	GRD	
59	0.525	GRD	
60	17	GRD	
61	5.86	GRD	
62	0.31	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	0.673	GRD	
64	0.303	GRD	
65	0.322	GRD	
66	0.316	GRD	
67	0.294	GRD	
68	0.319	GRD	
69	0.337	GRD	
70	0.227	GRD	
71	0.372	GRD	
72	0.202	GRD	
73	0.183	GRD	
74	0.258	GRD	
75	0.391	GRD	
76	0.133	GRD	
77	0.048	GRD	
78	0.257	VEN	
79	0.236	GRD	
80	0.337	GRD	
81	0.301	GRD	
82	6.37	GRD	
83	2.86	GRD	
84	6.37	GRD	
85	5.55	GRD	
86	0.463	GRD	
87	0.299	GRD	
88	0.294	GRD	
89	11.4	GRD	
90	13.2	GRD	
91	16.1	GRD	
92	14.1	GRD	
93	0.295	GRD	
94	0.697	GRD	
95	17.6	GRD	
96	13.6	GRD	
97	11.7	GRD	
98	11.7	GRD	
99	0.321	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382357	6890913	1293.55	96.62

ZONE: Western Klaza

SECTION:

HOLE: KL-14-206

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Aug 06 - Aug 07, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
20.42	32.7	-49.6	Reflex
96.62	32.1	-50.2	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.28	2.28	CAS
2.28	28.82	26.54	GRD
28.82	42	13.18	GRD
42	43.31	1.31	QFP
43.31	56.58	13.27	GRD
56.58	82.58	26	GRD
82.58	85.1	2.52	GRD
85.1	85.73	0.63	BXA
85.73	85.95	0.22	BXA
85.95	86.84	0.89	GRD
86.84	96.62	9.78	GRD

SAMPLES	
Numbers:	Q926683 to Q926742, Q927885 to Q927886
Total:	64
Batch:	133, 138, 140, 145
Certificates:	WH14120945, WH14121780, WH14121782, WH14121783

COMMENTS

Box Log

KL-14-206

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.28	5.4
2	5.4	8.58
3	8.58	11.75
4	11.75	14.92
5	14.92	18.23
6	18.23	21.23
7	21.23	24.71
8	24.71	28.26
9	28.26	31.35
10	31.35	34.44
11	34.44	37.68
12	37.68	41.5
13	41.5	44.32
14	44.32	47.56
15	47.56	50.57
16	50.57	53.46
17	53.46	56.74
18	56.74	59.85
19	59.85	63.09
20	63.09	66.24
21	66.24	69.45
22	69.45	72.77
23	72.77	76.09
24	76.09	79.13
25	79.13	82.39
26	82.39	85.55
27	85.55	88.76
28	88.76	92.02
29	92.02	95.26
30	95.26	96.62

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-206									
	19.91	11.2	HQ	GRD	1037.1	648.6	3.17	2.7	Smoky quartz vein breccia with moderate phyllic altered granodiorite with moderate to strong pervasive oxidation hosting disseminated pyrite.
	20.23		HQ	GRD	1530.5		2.66		Moderate phyllic altered granodiorite with strong phyllic alteration and disseminated goethite. Cut by discontinuous chalcedony-ankerite breccia. Pervasive moderate oxidation.
	85.47	6.5	HQ	BXA	686.7	473.8	3.61	3.2	4.4 centimeter smoky quartz vein with intermixed semi-massive combination of disseminated pyrite, jamesonite, galena, arsenopyrite, sphalerite in obliterated textured moderate phyllic, moderately silicified granodiorite.
	85.55		HQ	BXA	520.6		3.59		Smoky quartz vein hosting intermixed disseminated sphalerite, galena, arsenopyrite, pyrite and jamesonite.
	85.72	15.3	HQ	BXA	1323.3	842.4	2.96	2.8	Brecciated strong phyllic altered granodiorite with obliterated textures, moderate silicification and disseminated pyrite. Cobble clasts in fine matrix.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
10.26	11.49	1.23	GRD	MG	Patchy pervasively oxidized argillic alteration and small phyllic envelopes around quartz/carbonate veinlets.							
						MD	OR	PA	OXI	3I		
						MD	GN		ARG	3I		
						LT	WH		PHC	3I		
15.13	18.09	2.96	GRD	MG	Alternating patches of oxidized potassic overprinted argillic alteration and moderately silicified phyllic alteration. Phyllic alteration hosts multiple carbonate +/- quartz veinlets. Moderate oxidation along fracture surfaces and patchy pervasive alteration throughout interval.							
						MD	OR	PA	SIL	3I		
						LT	WH		OXI	3I		
						LT	GN		PHC	3I		
									ARG	3I		
									POT	2I		
18.09	21.64	3.55	GRD	MG	Pervasively oxidized moderately silicified phyllic altered granodiorite with patchy oxidized weak to moderate argillic alteration. Host three silicified breccias.							
						MD	OR	PA	OXI	3I		
						MD	GY		SIL	3I		
						MD	GN		PHC	3I		
									ARG	2I		
									ARG	3I		
21.64	28.82	7.18	GRD	MG	Pervasively oxidized weak potassic/propyllitic overprinted argillic alteration with small phyllic envelopes around quartz +/- carbonate veinlets.							
						MD	PK		ARG	3I		
						MD	GN		PHC	3I		
						MD	OR		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		POT	2I		
						DK	GN		PRO	2I		
28.82	42.00	13.18	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak to moderate argillic alteration. Oxidation along fractures and patchy pervasive oxidation. Phyllic alteration host multiple quartz/carbonate veins and veinlets.							
						MD	OR		SIL	3I		
						MD	GN		OXI	3I		
						LT	WH		PHC	3I		
									ARG	2I		
									ARG	3I		
42.00	43.31	1.31	QFP	FG	Medium purple quartz feldspar porphyry dyke. Dyke is light grey for ~10cm at the dyke contacts. No orientation form dyke contact. Lower contacts sharp and oriented at 45 TCA.							
						MD	PU	PO				
						MD	GY					
43.31	56.58	13.27	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak to moderate argillic alteration. Oxidation along fractures and patchy pervasive oxidation, phyllic alteration hosts multiple quartz/carbonate veins and veinlets.							
						MD	PK		ARG	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									PRO	2I		
56.58	61.05	4.47	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	PRO	2I		
						MD	PK		OXI	2I		
						MD	OR		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		SIL	3I		
						DK	GN		ARG	3I		
61.05	61.45	0.40	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to weak potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									ARG	3I		
61.45	62.55	1.10	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	PRO	2I		
						MD	OR		POT	2I		
						MD	PK		OXI	2I		
						LT	WH		SIL	3I		
						DK	GN		ARG	3I		
62.55	62.83	0.28	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to weak potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									ARG	3I		
62.83	63.68	0.85	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	PRO	2I		
						MD	PK		OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		POT	2I		
						LT	WH		SIL	3I		
						DK	GN		ARG	3I		
63.68	64.12	0.44	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to weak potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									ARG	3I		
64.12	65.42	1.30	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	PRO	2I		
						MD	OR		POT	2I		
						MD	PK		OXI	2I		
						LT	WH		SIL	3I		
						DK	GN		ARG	3I		
65.42	65.75	0.33	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to weak potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									ARG	3I		
65.75	66.24	0.49	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		POT	2I		
						MD	PK		OXI	2I		
						LT	WH		SIL	3I		
						DK	GN		ARG	3I		
66.24	67.44	1.20	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to weak potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									ARG	3I		
67.44	67.65	0.21	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	PRO	2I		
						MD	PK		OXI	2I		
						MD	OR		POT	2I		
						LT	WH		SIL	3I		
						DK	GN		ARG	3I		
67.65	68.05	0.40	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein.							
						MD	PK		POT	2I		
						LT	GN	EN	SIL	3I		
						DK	GN		PHC	3I		
									PRO	2I		
68.05	71.00	2.95	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	PRO	2I		
						MD	PK		OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		POT	2I		
						LT	WH		SIL	3I		
						DK	GN		ARG	3I		
71.00	71.54	0.54	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to weak potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									ARG	3I		
71.54	78.56	7.02	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	PRO	2I		
						MD	PK		OXI	2I		
						MD	OR		POT	2I		
						LT	WH		SIL	3I		
						DK	GN		ARG	3I		
78.56	79.80	1.24	GRD	MG	Moderately silicified phyllic envelope around two quartz breccias. Phyllic alteration transitions to weak potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PRO	2I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									ARG	3I		
79.80	82.58	2.78	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		OXI	2I		
						MD	OR		POT	2I		
						LT	WH		SIL	3I		
						DK	GN		ARG	3I		
82.58	85.10	2.52	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy propyllitic alteration. Hosts multiple quartz/carbonate veins and veinlets.							
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PRO	3I		
85.10	85.73	0.63	GRD	MG	Silicified smokey quartz breccia. Oxidation along fractures. Quartz brecciates intensely silicified,, strong phyllic altered granodiorite clasts that hosts disseminated pyrite. Clasts are sub-rounded to cobbles. Quartz hosts disseminated pyrite, arsenopyrite, jamesonite and disseminated to blebby sphalerite and galena. Sulphides are mostly concentrated in the lower 1/3 of the breccia. Galena occurs mainly as a 1cm band in the lower 1/3.							
								BX	SIL	5I	Py	2
									PHC	4I	As	3
											Jm	5
											Gn	3
											Sp	1
85.73	85.95	0.22	GRD	MG	Breccia. Strongly silicified grey/green quartz matrix hosting disseminated pyrite. Rounded pebble to cobble sized clasts of strongly silicified, moderate phyllic altered granodiorite. Breccia is cross-cut by a pyrite stringer in the middle, oriented at 80 TCA.							
						MD	GY	BX			Py	3
						MD	GN					
85.95	86.84	0.89	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veinlets. Has patchy weak potassic/propyllitic overprinted argillic alteration.							
						MD	PK		POT	2I		
						LT	GN	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
						DK	GN		PRO	2I		
									ARG	3I		
86.84	96.62	9.78	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. Hosts ~1-2 carbonate veinlets and stringers per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.28	28.82	26.54	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderately silicified. Moderate to strongly oxidized along fractures. ~1 carbonate veinlet per meter.							
						MD	OR		OXI	4I		
						MD	GY		OXI	3I		
									SIL	3I		
									PRO	1I		
									POT	1I		
28.82	42.00	13.18	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak to moderate argillic alteration. Oxidation along fractures and patchy pervasive oxidation. Phyllic alteration host multiple quartz/carbonate veins and veinlets.							
						MD	OR	PA	SIL	3I		
									ARG	3I		
									ARG	2I		
						MD	GN		OXI	3I		
						LT	WH		PHC	3I		
42.00	43.31	1.31	QFP	FG	Medium purple quartz feldspar porphyry dyke. Dyke is light grey for ~10cm at the dyke contacts. No orientation form dyke contact. Lower contacts sharp and oriented at 45 TCA.							
						LT	GY					
						MD	PU	PO				
43.31	56.58	13.27	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak to moderate argillic alteration. Oxidation along fractures and patchy pervasive oxidation, phyllic alteration hosts multiple quartz/carbonate veins and veinlets.							
									PRO	2I		
						DK	GN		POT	2I		
						LT	GN	PA	SIL	3I		
						MD	PK		ARG	3I		
						LT	WH		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
56.58	82.58	26.00	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Sporadic patches of weak potassic/propyllitic overprinted argillic alteration. Trace to weak oxidation on fracture surfaces.							
						MD	GY	PA	POT	2I		
						MD	PK		ARG	3I		
						LT	WH		OXI	2I		
						MD	OR		SIL	3I		
						DK	GN		PRO	2I		
82.58	85.10	2.52	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy propyllitic alteration. Hosts multiple quartz/carbonate veins and veinlets.							
						LT	GN	PA	SIL	3I		
									PRO	3I		
						MD	GN		PHC	3I		
85.10	85.73	0.63	BXA	--	Silicified smokey quartz breccia. Oxidation along fractures. Quartz brecciates intensely silicified,, strong phyllic altered granodiorite clasts that hosts disseminated pyrite. Clasts are sub-rounded to cobbles. Quartz hosts disseminated pyrite, arsenopyrite, jamesonite and disseminated to blebby sphalerite and galena. Sulphides are mostly concentrated in the lower 1/3 of the breccia. Galena occurs mainly as a 1cm band in the lower 1/3.							
									PHC	4I	As	3
											Sp	1
											Jm	5
								BX	SIL	5I	Py	2
											Gn	3
85.73	85.95	0.22	BXA	--	Breccia. Strongly silicified grey/green quartz matrix hosting disseminated pyrite. Rounded pebble to cobble sized clasts of strongly silicified, moderate phyllic altered granodiorite. Breccia is cross-cut by a pyrite stringer in the middle, oriented at 80 TCA.							
						MD	GN					
						MD	GY	BX			Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
85.95	86.84	0.89	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veinlets. Has patchy weak potassic/propyllitic overprinted argillic alteration.							
						LT	GN	PA	SIL	3I		
									ARG	3I		
						DK	GN		PRO	2I		
						LT	WH		PHC	3I		
						MD	PK		POT	2I		
86.84	96.62	9.78	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. Hosts ~1-2 carbonate veinlets and stringers per meter.							
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
						MD	PK		POT	2I		

KL-14-206

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.28	2.28	0	0	0.00	0	--	--	--	
2.28	5.18	2.90	2.76	95	1.14	39	--	4H	2W	
5.18	8.23	3.05	2.95	97	2.05	67	--	4H	2W	
8.23	11.28	3.05	2.93	96	1.44	47	--	4H	2W	
11.28	14.33	3.05	2.87	94	1.05	34	--	4H	2W	
14.33	17.38	3.05	2.94	96	2.64	87	--	3H	2W	
17.38	20.42	3.04	3.03	100	2.46	81	--	3H	2W	
20.42	23.47	3.05	2.57	84	1.92	63	--	3H	2W	
23.47	26.52	3.05	2.78	91	2.13	70	--	2H	2W	
26.52	29.57	3.05	2.93	96	1.71	56	--	2H	3W	
29.57	32.61	3.04	3.04	100	1.82	60	--	3H	3W	
32.61	35.66	3.05	3.04	100	2.13	70	--	3H	3W	
35.66	38.71	3.05	3.05	100	2.51	82	--	3H	3W	
38.71	41.76	3.05	2.53	83	1.74	57	--	3H	3W	
41.76	44.81	3.05	3.05	100	1.97	65	--	3H	2W	
44.81	47.85	3.04	2.93	96	2.00	66	--	4H	2W	
47.85	50.90	3.05	3.05	100	1.77	58	--	3H	2W	
50.90	53.95	3.05	3.05	100	1.66	54	--	4H	2W	
53.95	57.00	3.05	2.93	96	2.33	76	--	3H	2W	
57.00	60.05	3.05	3.05	100	1.22	40	--	4H	2W	
60.05	63.09	3.04	2.97	98	2.88	95	--	4H	2W	
63.09	66.14	3.05	2.98	98	2.11	69	--	4H	2W	
66.14	69.19	3.05	2.96	97	2.07	68	--	4H	2W	
69.19	72.24	3.05	2.86	94	2.50	82	--	4H	2W	
72.24	75.29	3.05	3.04	100	2.85	93	--	4H	2W	
75.29	78.33	3.04	3.04	100	2.36	78	--	4H	1W	
78.33	81.38	3.05	2.89	95	1.97	65	--	4H	1W	
81.38	84.43	3.05	3.05	100	2.00	66	--	3H	1W	
84.43	87.48	3.05	2.89	95	2.05	67	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.98	98	2.08	68	--	4H	1W	
90.53	93.57	3.04	3.04	100	3.04	100	--	4H	1W	
93.57	96.62	3.05	2.95	97	2.83	93	--	4H	1W	Two 15 degree joints. EOH

KL-14-206

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	17.7	GRD	
4	16.5	GRD	
5	0.834	GRD	
6	16.7	GRD	
7	9.25	GRD	
8	19.7	GRD	
9	0.717	GRD	
10	15.8	GRD	
11	0.378	GRD	
12	0.809	GRD	
13	9.93	GRD	
14	9.9	GRD	
15	3.61	GRD	
16	0.39	GRD	
17	0.351	GRD	
18	0.497	GRD	
19	0.152	GRD	
20	0.174	GRD	
21	0.174	GRD	
22	0.409	GRD	
23	0.295	GRD	
24	0.499	GRD	
25	0.517	GRD	
26	0.653	GRD	
27	0.769	GRD	
28	1.14	GRD	
29	11.4	GRD	
30	3.79	GRD	
31	0.275	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	0.319	GRD	
33	0.219	GRD	
34	0.158	GRD	
35	0.311	GRD	
36	0.257	GRD	
37	0.394	GRD	
38	0.684	GRD	
39	0.134	GRD	
40	0.539	GRD	
41	0.463	GRD	
42	0.275	QFP	
42	0.275	GRD	
43	0.417	QFP	
44	2	GRD	
45	0.439	GRD	
46	2.49	GRD	
47	0.395	GRD	
48	0.311	GRD	
49	0.177	GRD	
50	0.536	GRD	
51	13.1	GRD	
52	4.5	GRD	
53	0.683	GRD	
54	0.446	GRD	
55	0.314	GRD	
56	0.413	GRD	
57	4.72	GRD	
58	15	GRD	
59	17.2	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	16.8	GRD	
61	20.8	GRD	
62	18.4	GRD	
63	18	GRD	
64	0.722	GRD	
65	17.2	GRD	
66	9.99	GRD	
67	0.379	GRD	
68	0.406	GRD	
69	0.643	GRD	
70	15.5	GRD	
71	1.84	GRD	
72	14.4	GRD	
73	17.6	GRD	
74	14.8	GRD	
75	0.901	GRD	
76	18.3	GRD	
77	20.7	GRD	
78	0.616	GRD	
79	0.386	GRD	
80	2.01	GRD	
81	19.6	GRD	
82	18.1	GRD	
83	0.305	GRD	
84	0.372	GRD	
85	0.384	GRD	
86	0.384	GRD	
87	3.25	GRD	
88	3.79	GRD	
89	0.885	GRD	
90	3.18	GRD	
91	18.3	GRD	
92	22	GRD	
93	22.4	GRD	
94	21.2	GRD	
95	17.9	GRD	
96	21	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382536	6889464	1417.01	105.77

ZONE: Central BRX

SECTION:

HOLE: KL-14-207

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Aug 07 - Aug 08, 2014

Geology Logged By: H. Friday

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	33.2	-49.3	Reflex
105.76	34.3	-51.2	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.01	4.01	CAS
4.01	11.28	7.27	GRD
11.28	12.43	1.15	GRD
12.43	35.52	23.09	GRD
35.52	60.35	24.83	GRD
60.35	71.72	11.37	GRD
71.72	72.45	0.73	VEN
72.45	74.36	1.91	GRD
74.36	74.61	0.25	VEN
74.61	74.93	0.32	GRD
74.93	78.4	3.47	QFP
78.4	87.98	9.58	GRD
87.98	105.77	17.79	GRD

SAMPLES	
Numbers:	Q927887 to Q927900, Q934287 to Q934318
Total:	52
Batch:	137, 141, 145, 156
Certificates:	WH14119116, WH14121781, WH14121783, WH14121949

COMMENTS

Box Log

KL-14-207

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.01	8.08
2	8.08	12.17
3	12.17	16.51
3	16.51	20.66
4	20.66	25.18
5	25.18	29.57
6	29.57	33.78
7	33.78	38
8	38	42.18
9	42.18	46.36
10	46.36	50.5
11	50.5	54.88
12	54.88	58.81
13	58.81	62.8
14	62.8	67.84
15	67.84	71.34
16	71.34	75.89
17	75.89	79.32
18	79.32	83.44
19	83.44	87.48
20	87.48	91.6
21	91.6	95.65
22	95.65	99.97
23	99.97	104.09
24	104.09	105.77

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.01	11.28	7.27	GRD	MG	Moderately oxidized unaltered granodiorite. Local patches of weak phyllic alteration surrounding veinletts.							
						MD	GY	MA	PHC	2I		
						MD	BN					
11.28	12.43	1.15	GRD	MG	Moderately to strongly phyllic altered granodiorite hosting disseminated pyrite throughout. Moderately oxidized. AEX Zone? 20cm Mineralized vein in middle of interval.							
						MD	GN	MA	PHC	5I	Sp	1
						MD	GY				Gn	0.5
						LT	BN					
12.43	20.42	7.99	GRD	MG	Primarily unaltered granodiorite with patchy moderate argilic and phyllic zones surrounding veins/veinletts.							
						MD	GY	MA	PHC	1I		
						MD	GN		ARG	1I		
20.42	22.38	1.96	GRD	MG	Strongly phyllic altered granodiorite. 8cm smokey quartz vein in middle hosting blebby pyrite. Local disseminated phyrite seen surrounding the vein.							
						LT	GN	MA	PHC	5I	Py	1
						LT	GY					
22.38	33.80	11.42	GRD	MG	Primarily unaltered granodiorite with patchy moderate argilic and phyllic zones surrounding veins/veinletts.							
						MD	GY	MA	PHC	1I		
						MD	GN		ARG	1I		
33.80	34.48	0.68	GRD	MG	Extremely phyllic and argillic altered granodiorite. Pervasive argillic overprint of phyllic. Patchy silicification generating mild breccia. Pervasive gouge on fracture surfaces. Quartz grains throughout - smokey light grey. 2cm unmineralized calcite vein through centre of interval.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	MA	PHC	4I		
						LT	WH	BX	ARG	5I		
						LT	GN		SIL	3I		
34.48	35.52	1.04	GRD	MG	MGP Primarily unaltered granodiorite with patchy moderate argilic and phyllic zones surrounding veins/veinletts.							
						MD	GY	MA	PHC	1I		
						MD	GN		ARG	1I		
35.52	60.35	24.83	GRD	MG	Unaltered granodiorite primarily with patchy argillic, phyllic and propylitic alteration halos surrounding veinletts and veins. Unoxidized. Local calcite stringers and veinletts throughout.							
						MD	GY	MA	ARG	3I		
						LT	GY		PHC	2I		
									PRO	2I		
60.35	62.85	2.50	GRD	MG	Moderately oxidized heavily clay altered phyllic granodiorite. Local argillic alteration. Clay/gouge stringesr throughout. Moderate mineralization - in quartz-carbonate veins. Trace tourmaline seen throughout.							
						LT	GN	MA	PHC	5I	To	0.1
						LT	GY		ARG	3I	Py	0.5
									SIL	2I	Sp	0.5
									CLY	3I	Gn	0.01
62.85	71.32	8.47	GRD	MG	Intensely phyllic altered granodiorite with local zones of moderate argillic alteration. Small zones of strong silicification. Gouge seams and veinletts seen throughout.							
						LT	GN	MA	PHC	5I		
						LT	GY		ARG	4I		
									SIL	3I		
71.32	71.72	0.40	GRD	MG	Light grey to locally white gougey-shear zone contact into vein zone. Grains visibley elongate and sheared. Fabric at 75 degrees TCA. Disseminated very fine grained pyrite seen throughout.							
						LT	GY	SH	CLY	4I	Py	1
						LT	WH		ARG	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	2I		
71.72	72.45	0.73	VEN	MG	White quartz vein hosting semi-massive to massive pyrite in large blebs and bands. Chalcopyrite blebs seen infrequently throughout. Sphalerite blwebs seen locally with carbonate bands and vein.s Galena belbs are seen typically with sphalerite. Upper contact of vein sheared and gougey. Lower contact gradational into heavily mineralzied granodiorite.							
											Py	50
											Sp	10
											Gn	2
											Cp	0.1
72.45	74.36	1.91	GRD	MG	Heavily mineralized phyllic granodiorite. Pyrite blebs seen throughout. Locally silicified.							
						MD	GY	MA	PHC	5I	Py	5
						MD	GN		SIL	3I	Sp	2
74.36	74.61	0.25	GRD	MG	Massive sulphide vein. Blebby pyrite and sphalerite with disseminated to blebby arsenopyrite thoruhgout. Galena blebs and local very fine grained chalcopyrite blebs. Quartz grains throughout.							
											Gn	1
											Py	50
											Cp	1
											Sp	10
											As	30
74.61	74.93	0.32	GRD	MG	Heavilyt mineralized phyllic granodiorite. Pyrite blebs throughout. Locally silicified.							
						MD	GY	MA	PHC	5I	Py	5
						MD	GN		SIL	3I	Sp	2
74.93	78.40	3.47	QFP	MG	Light green-grey quartz-feldspar porphyry with local light grey gouge seams throughout. Gouge seams locally brecciating the dyke.							
						MD	GN	PO	CLY	2I		
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
78.40	87.98	9.58	GRD	MG	Strongly phyllic altered granodiorite. Locally silicified with patches of argillic overprint. Mineralized throughout (pyrite blebs) with numerous strongly mineralized veins and veinletts throughout.							
						MD	GY	MA	PHC	5I	Py	2
						MD	GN		SIL	3I	Sp	1
									ARG	2I	Gn	0.1
87.98	105.77	17.79	GRD	MG	Patchy heavily altered phyllic granodiorite with local unaltered zones. Weak propylitic alteration locally hosting disseminated pyrite. Local argillic alteration. Carbonate veinletts throughout.							
						MD	GY	MA	PRO	2I	Py	2
						MD	GN		PHC	4I	Sp	1
									ARG	2I		

KL-14-207

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.01	11.28	7.27	GRD	MG	Moderately oxidized, unaltered granodiorite. Local patches of weak phyllic alteration surrounding veinletts.							
						MD	BN					
						MD	GY	MA	PHC	2I		
11.28	12.43	1.15	GRD	MG	Moderately to strongly phyllic altered granodiorite hosting disseminated pyrite throughout. Moderately oxidized. AEX Zone? 20cm Mineralized vein in middle of interval.							
						MD	GN	MA	PHC	5I	Gn	0.5
						MD	GY				Sp	1
						LT	BN					
12.43	35.52	23.09	GRD	MG	Primarily unaltered granodiorite with patchy moderate argillic and phyllic alteration surrounding veins/veinletts. Local calcite stringers.							
						MD	GY	MA	PHC	1I		
						MD	GN		ARG	1I		
35.52	60.35	24.83	GRD	MG	Unaltered granodiorite primarily with patchy argillic, phyllic and propylitic alteration halos surrounding veins and veinletts. Unoxidised. Local calcite stringers and veinletts throughout.							
						MD	GY	MA	ARG	3I		
						LT	GY		PHC	2I		
									PRO	2I		
60.35	71.72	11.37	GRD	MG	Intensely phyllic altered granodiorite with local zones of moderate argillic alteration. Small zones of strong silicification. Gouge seams and veinletts seen throughout.							
						LT	GN	MA	PHC	5I		
						LT	GY		ARG	4I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
71.72	72.45	0.73	VEN	MG	White quartz vein hosting semi-massive to massive pyrite in large blebs and bands. Chalcopyrite blebs seen infrequently throughout. Sphalerite blwebs seen locally with carbonate bands and vein.s Galena belbs are seen typically with sphalerite. Upper contact of vein sheared and gougey. Lower contact gradational into heavily mineralzied granodiorite.							
											Gn	2
											Py	50
											Sp	10
											Cp	0.1
72.45	74.36	1.91	GRD	MG	Heavily mineralized phyllic granodiorite. Pyrite blebs seen throughout. Locally silicified.							
						MD	GN		SIL	3I	Sp	2
						MD	GY	MA	PHC	5I	Py	5
74.36	74.61	0.25	VEN	MG	Massive sulphide vein. Blebby pyrite and sphalerite with disseminated to blebby arsenopyrite thoruhgout. Galena blebs and local very fine grained chalcopyrite blebs. Quartz grains throughout.							
											Py	50
											Cp	1
											Sp	10
											As	30
											Gn	1
74.61	74.93	0.32	GRD	MG	Heavilyt mineralized phyllic granodiorite. Pyrite blebs throughout. Locally silicified.							
						MD	GN		SIL	3I	Sp	2
						MD	GY	MA	PHC	5I	Py	5
74.93	78.40	3.47	QFP	FG	Light green-grey quartz-feldspar porphyry with local light grey gouge seams throughout. Gouge seams locally brecciating the dyke.							
						MD	GY					
						MD	GN	PO	CLY	2I		
78.40	87.98	9.58	GRD	MG	Strongly phyllic altered granodiorite. Locally silicified with patches of argillic overprint. Mineralized throughout (pyrite blebs) with numerous strongly mineralized veins and veinletts throughout.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	MA	PHC	5I	Py	5
						MD	GN		SIL	3I	Sp	2
									ARG	2I	Gn	0.1
87.98	105.77	17.79	GRD	MG	Patchy heavily altered phyllic granodiorite with local unaltered zones. Weak propylitic alteration locally hosting disseminated pyrite. Local argillic alteration. Carbonate veinletts throughout.							
									ARG	2I		
						MD	GY	MA	PRO	2I	Py	2
						MD	GN		PHC	4I	Sp	1

KL-14-207

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.01	4.01	0	0	0.00	0	--	--	--	
4.01	5.18	1.17	1.17	100	0.00	0	--	3H	3W	
5.18	8.23	3.05	2.7	89	2.08	68	--	4H	2W	
8.23	11.28	3.05	2.96	97	1.85	61	--	4H	2W	
11.28	14.33	3.05	2.99	98	1.80	59	--	3H	2W	
14.33	17.37	3.04	3	99	2.57	85	--	4H	2W	
17.37	20.42	3.05	2.99	98	2.40	79	--	4H	2W	
20.42	23.47	3.05	2.93	96	1.75	57	--	4H	2W	
23.47	26.52	3.05	2.9	95	1.42	47	--	4H	2W	
26.52	29.57	3.05	2.93	96	1.90	62	--	3H	2W	
29.57	32.61	3.04	3	99	2.04	67	--	4H	3W	
32.61	35.66	3.05	2.9	95	1.67	55	--	4H	2W	
35.66	38.71	3.05	3.05	100	2.21	72	--	4H	2W	
38.71	41.76	3.05	2.92	96	1.27	42	--	4H	2W	
41.76	44.81	3.05	2.99	98	2.50	82	--	4H	2W	
44.81	47.85	3.04	3.03	100	1.46	48	--	4H	1W	
47.85	50.90	3.05	2.95	97	1.43	47	--	4H	1W	
50.90	53.95	3.05	3	98	1.70	56	--	4H	1W	
53.95	57.00	3.05	2.98	98	1.47	48	--	3H	1W	
57.00	60.05	3.05	2.82	92	1.02	33	--	4H	1W	
60.05	63.09	3.04	2.7	89	1.12	37	--	2H	2W	
63.09	66.14	3.05	2.99	98	1.75	57	--	4H	1W	
66.14	69.19	3.05	2.81	92	0.87	29	--	3H	1W	
69.19	72.24	3.05	3.05	100	1.40	46	--	3H	1W	
72.24	75.29	3.05	3.05	100	1.40	46	--	3H	1W	
75.29	78.33	3.04	2.83	93	1.40	46	--	4H	1W	
78.33	81.38	3.05	3.01	99	2.35	77	--	4H	1W	
81.38	84.43	3.05	3	98	0.88	29	--	4H	1W	
84.43	87.48	3.05	3	98	1.64	54	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.04	100	1.68	55	--	4H	1W	
90.53	93.57	3.04	3.04	100	1.35	44	--	4H	1W	
93.57	96.62	3.05	3.05	100	2.59	85	--	4H	1W	
96.62	99.67	3.05	3.05	100	1.29	42	--	4H	1W	
99.67	102.72	3.05	3.05	100	2.46	81	--	4H	1W	
102.72	105.77	3.05	3.05	100	2.56	84	--	4H	1W	

Magnetic Suscepatibility

KL-14-207

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	22.5	CAS	
5	0.547	GRD	
6	9.86	GRD	
7	10.1	GRD	
8	16.1	GRD	
9	8.42	GRD	
10	3.86	GRD	
11	0.789	GRD	
12	6.8	GRD	
13	0.255	GRD	
14	0.305	GRD	
15	0.272	GRD	
16	10.2	GRD	
17	23.3	GRD	
18	13.4	GRD	
19	22.1	GRD	
20	0.717	GRD	
21	0.666	GRD	
22	0.355	GRD	
23	1.69	GRD	
24	13.6	GRD	
25	0.266	GRD	
26	1.72	GRD	
27	0.19	GRD	
28	3.01	GRD	
29	9.06	GRD	
30	0.536	GRD	
31	17.3	GRD	
32	11.1	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	10.2	GRD	
34	0.47	GRD	
35	0.351	GRD	
36	19.3	GRD	
37	17.2	GRD	
38	0.469	GRD	
39	15.6	GRD	
40	15.5	GRD	
41	0.492	GRD	
42	19.2	GRD	
43	6.54	GRD	
44	0.361	GRD	
45	0.436	GRD	
46	0.598	GRD	
47	0.445	GRD	
48	0.362	GRD	
49	0.326	GRD	
50	15.7	GRD	
51	17.6	GRD	
52	3.94	GRD	
53	9.49	GRD	
54	18.8	GRD	
55	17.7	GRD	
56	0.34	GRD	
57	0.235	GRD	
58	0.312	GRD	
59	0.335	GRD	
60	3.67	GRD	
61	0.33	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	0.241	GRD	
63	0.438	GRD	
64	0.272	GRD	
65	0.258	GRD	
66	0.442	GRD	
67	0.333	GRD	
68	0.384	GRD	
69	0.32	GRD	
70	0.278	GRD	
71	0.314	GRD	
72	0.067	VEN	
73	0.162	GRD	
74	0.159	GRD	
75	0.26	QFP	
76	0.236	QFP	
77	0.299	QFP	
78	0.23	QFP	
79	0.211	GRD	
80	0.253	GRD	
81	0.25	GRD	
82	0.17	GRD	
83	0.46	GRD	
84	0.473	GRD	
85	0.348	GRD	
86	0.527	GRD	
87	0.435	GRD	
88	0.431	GRD	
89	0.411	GRD	
90	0.394	GRD	
91	1.02	GRD	
92	0.264	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
93	0.382	GRD	
94	0.364	GRD	
95	0.362	GRD	
96	12.1	GRD	
97	0.348	GRD	
98	0.424	GRD	
99	0.33	GRD	
100	0.343	GRD	
101	0.377	GRD	
102	7.95	GRD	
103	2.97	GRD	
104	0.314	GRD	
105	0.414	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382324	6890864	1296.69	163.68

ZONE: Western Klaza

SECTION:

HOLE: KL-14-208

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 3.05m, Out

Drilling Dates: Aug 07 - Aug 09, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	45.1	-49.1	Reflex
166.72	36.2	-50	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.35	3.35	CAS
3.35	59.71	56.36	GRD
59.71	65.95	6.24	GRD
65.95	69.52	3.57	GRD
69.52	71.71	2.19	GRD
71.71	75.59	3.88	GRD
75.59	76.83	1.24	QFP
76.83	79.89	3.06	GRD
79.89	125.88	45.99	GRD
125.88	132.53	6.65	GRD
132.53	163.68	31.15	GRD

SAMPLES	
Numbers:	Q926743 to Q926800, Q927906 to Q927910, Q933701 to Q933728
Total:	93
Batch:	140, 143, 146, 156
Certificates:	WH14119113, WH14119115, WH14121780, WH14121949, WH14137293

COMMENTS

Box Log

KL-14-208

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.55	5.49
2	5.49	9.39
3	9.39	12.1
4	12.1	14.53
5	14.53	17.57
6	17.57	20.58
7	20.58	23.47
8	23.47	26.66
9	26.66	29.68
10	29.68	32.82
11	32.82	36.19
12	36.19	38.95
13	38.95	42.06
14	42.06	45.22
15	45.22	47.85
16	47.85	50.9
17	50.9	53.55
18	53.55	56.65
19	56.65	59.71
20	59.71	63.03
21	63.03	65.78
22	65.78	68.81
23	68.81	71.67
24	71.67	75
25	75	78.33
26	78.33	80.92
27	80.92	83.69
28	83.69	86.96
29	86.96	89.68
30	89.68	92.71
31	92.71	95.92
32	95.92	99.85
33	99.85	102.4
34	102.4	105.46
35	105.46	108.81
36	108.81	111.86
37	111.86	115.05
38	115.05	118.47
39	118.47	121.76
40	121.76	125.03
41	125.03	128.11
42	128.11	131.29
43	131.29	134.43
44	134.43	137.83
45	137.83	141.09
46	141.09	144.53
47	144.53	147.83
48	147.83	151.6
49	151.6	154.46
50	154.46	157.53
51	157.53	160.43
52	160.43	163.68

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-208									
	39.64	6.5	HQ	GRD	632.6	439.8	3.33	3.3	Vuggy ankerite vein (oxidized) (0.5 to 1.5 centimeter). Undulating vein bladed creamy ankerite (<1 min) selvedges growing into vugs. Blebby galena, pyrite, honey brown and blackjack sphalerite flank both sides of the vein over 1 centimeter on each side. Strong phyllic altered granodiorite is often found before the ankerite vein and semi-massive galena, sphalerite and pyrite vein.
	69.19		HQ	GRD	476.9		2.73		Strong phyllic altered granodiorite with moderate propalytic overprint and moderate silicification hosting disseminated pyrite. Granodiorite hosting 0.4 centimetere smoky quartz pyrite veinlet. 1.5 centimeter quartz ankerite vein with net and branching textures.
	75.2	11.2	HQ	GRD	1003.5	645.1	3.07	2.8	Smoky quartz-calcite-ankerite contact breccia with banded textures and sub-angular clasts. 4 centimeters of quartz feldspar matrix
	105.92	12.7	HQ	GRD	1090.7	694	2.94	2.8	Intensely silicified quartz-ankerite-calcite vein breccia with some bladed quartz textures. Hosting disseminated pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	129.57	13.4	HQ	GRD	1280.5	836.5	3.27	2.9	5 centimeters smoky quartz vein with pervasive jamesonite, blebby sphalerite (honey brown mostly), pyrite and arsenopyrite. Hosted in strongly silicifed, moderate phyllic altered granodiorite with moderate propalytic overprint.
	129.72	4.7	HQ	GRD	409.2		2.98		Smoky quartz vein with blebby calcite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.35	8.45	5.10	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Patchy pervasive moderately oxidized weak potassic/propyllitic overprinted argillic alteration. Argillic alteration has rubbly patches. Oxidation obscures rock textures.							
						MD	GY	PA	POT	2I		
						MD	OR		PRO	2I		
									ARG	3I		
									OXI	3I		
8.45	11.90	3.45	GRD	MG	Pervasively strongly oxidized strongly argillic altered granodiorite with patchy pervasively oxidized silicified phyllic alteration.							
						MD	OR	PA	OXI	4I		
						MD	GY		ARG	4I		
						LT	WH		SIL	3I		
									PHC	3I		
11.90	17.20	5.30	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Patchy pervasive moderately oxidized weak potassic/propyllitic overprinted argillic alteration. Argillic alteration has rubbly patches. Oxidation obscures rock textures.							
						MD	OR	PA	OXI	3I		
						MD	GY		POT	2I		
									PRO	2I		
									ARG	3I		
17.20	20.42	3.22	GRD	MG	Alternating patches of pervasively oxidized and silicified potassic/propyllitic overprinted argillic alteration and phyllic alteration. Oxidation obscures rock textures.							
						MD	OR	PA	OXI	3I		
						MD	PK		SIL	3I		
						LT	WH		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		POT	2I		
									ARG	3I		
									PHC	3I		
20.42	33.00	12.58	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Patchy pervasive moderately oxidized weak potassic/propyllitic overprinted argillic alteration. Argillic alteration has rubbly patches. Oxidation obscures rock textures.							
						MD	GY	PA	OXI	3I		
						MD	OR		POT	2I		
									PRO	2I		
									ARG	3I		
33.00	36.70	3.70	GRD	MG	Weak potassic/propyllitic overprinted moderate argillic alteration. Patchy oxidation. ~3-5 quartz +/- carbonate veinlets per meter.							
						MD	PK		PRO	2I		
						MD	OR		OXI	3I		
						LT	WH	PA	POT	2I		
						DK	GN		ARG	3I		
36.70	39.49	2.79	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Patchy pervasive moderately oxidized weak potassic/propyllitic overprinted argillic alteration. Argillic alteration has rubbly patches. Oxidation obscures rock textures.							
						MD	GY	PA	OXI	3I		
						MD	OR		POT	2I		
									PRO	2I		
									ARG	3I		
39.49	40.98	1.49	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from vein. Oxidation along fracture surface.							
						MD	GN		OXI	3I		
						MD	OR		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	EN	SIL	3I		
						LT	WH		ARG	3I		
									PRO	2I		
									POT	2I		
40.98	42.60	1.62	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Patchy pervasive moderately oxidized weak potassic/propyllitic overprinted argillic alteration. Argillic alteration has rubbly patches. Oxidation obscures rock textures.							
						MD	GY		POT	2I		
						MD	OR		PRO	2I		
									ARG	3I		
									OXI	3I		
42.60	45.37	2.77	GRD	MG	Weak potassic/propyllitic overprinted moderate argillic alteration. Silicified phyllic envelopes around quartz/carbonate +/- sulphide vein. Moderate oxidation along fracture surfaces. Patchy pervasive oxidation.							
						MD	PK	PA	PRO	2I		
						MD	OR		ARG	3I		
						LT	WH	EN	POT	2I		
						LT	GN		SIL	3I		
						DK	GN		PHC	3I		
45.37	49.32	3.95	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Patchy pervasive moderately oxidized weak potassic/propyllitic overprinted argillic alteration. Argillic alteration has rubbly patches. Oxidation obscures rock textures.							
						MD	GY		POT	2I		
						MD	OR		PRO	2I		
									ARG	3I		
									OXI	3I		
49.32	50.25	0.93	GRD	MG	Weak potassic/propyllitic overprinted moderate argillic alteration.							
						MD	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		POT	2I		
						DK	GN		ARG	3I		
50.25	55.79	5.54	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Patchy pervasive moderately oxidized weak potassic/propyllitic overprinted argillic alteration. Argillic alteration has rubbly patches. Oxidation obscures rock textures.							
						MD	GY		POT	2I		
						MD	OR		PRO	2I		
									ARG	3I		
									OXI	3I		
55.79	59.71	3.92	GRD	MG	Alternating patches of weak potassic/propyllitic overprinted argillic alteration, moderate to strong propyllitic/weak potassic alteration and silicified phyllic envelopes around quartz/carbonate veins. Oxidation along fracture surfaces. Patchy pervasive oxidation.							
						MD	OR	PA	SIL	3I		
						MD	GN		PRO	3I		
						MD	PK		POT	2I		
						LT	GN		PRO	4I		
						LT	WH		ARG	3I		
									PHC	3I		
59.71	60.80	1.09	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Weak to moderate oxidation along fracture surfaces.							
						MD	PK		POT	2I		
						MD	GY		OXI	3I		
						MD	OR		SIL	3I		
						DK	GN		PRO	2I		
									OXI	2I		
60.80	63.28	2.48	GRD	MG	Moderately silicified, moderate phyllic/weak propyllitic altered granodiorite with patchy trace to weak argillic alteration. Moderate to strong oxidation along fractures.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		
						MD	OR		ARG	2I		
						LT	GN	PA	SIL	3I		
						LT	WH		PRO	2I		
									OXI	4I		
									OXI	3I		
									ARG	1I		
63.28	65.95	2.67	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Weak to moderate oxidation along fracture surfaces.							
						MD	GY		OXI	3I		
						MD	PK		POT	2I		
						MD	OR		SIL	3I		
						DK	GN		PRO	2I		
									OXI	2I		
65.95	69.52	3.57	GRD	MG	Moderately silicified, moderate phyllic/weak propyllitic altered granodiorite with patchy trace to weak argillic alteration. Moderate to strong oxidation along fractures.							
						MD	OR		ARG	2I		
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
						LT	WH		PRO	2I		
									ARG	1I		
									OXI	3I		
									OXI	4I		
69.52	71.71	2.19	GRD	MG	Moderate to strongly silicified, moderate to strong phyllic altered granodiorite hosting an abundance of smokey +/- carbonate veins veinlets and stringers. Hosts trace disseminated pyrite.							
						MD	GY		SIL	3I		
						MD	GN		SIL	4I		
						LT	GN		OXI	3I	Py	1
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	4I		
71.71	75.59	3.88	GRD	MG	Weak to moderately phyllic/propyllitic altered granodiorite. Patchy trace to weak argillic alteration. Has patchy patches of silicified moderate propyllitic/potassic alteration and potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						MD	GN		PHC	2I		
						MD	PK		POT	2I		
						LT	WH		PRO	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
									ARG	2I		
75.59	76.83	1.24	QFP	FG	Patchy purple and grey quartz feldspar porphyry dyke. Contacts are gouge altered and broken up no angle. Dyke is rubbly.							
						MD	GY	RB				
						MD	PU	PO				
76.83	79.89	3.06	GRD	MG	Weak to moderately phyllic/propyllitic altered granodiorite. Patchy trace to weak argillic alteration. Has patchy patches of silicified moderate propyllitic/potassic alteration and potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						MD	PK		POT	2I		
						MD	GN		PHC	2I		
						LT	GN		PHC	3I		
						LT	WH		PRO	3I		
						DK	GN		PRO	3I		
									ARG	2I		
79.89	105.64	25.75	GRD	MG	Weak potassic/propyllitic altered granodiorite, moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
105.64	106.43	0.79	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate sulphide vein.							
						LT	GN	EN	PHC	3I		
									SIL	3I		
106.43	109.30	2.87	GRD	MG	Weak potassic/propyllitic altered granodiorite, moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
109.30	110.08	0.78	GRD	MG	Three quartz/carbonate veins with silicified phyllic envelopes. Phyllic alteration transitions to potassic/argillic alteration distally form vein.							
						MD	PK		POT	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		ARG	3I		
110.08	117.55	7.47	GRD	MG	Weak potassic/propyllitic altered granodiorite, moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
117.55	118.27	0.72	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/sulphide. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PHC	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		PRO	2I		
						DK	GN		POT	2I		
									ARG	3I		
118.27	119.90	1.63	GRD	MG	Weak potassic/propyllitic altered granodiorite, moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
119.90	120.67	0.77	GRD	MG	Moderately silicified phyllic envelope around a quartz vein and breccia. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	PK		PHC	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		PRO	2I		
						DK	GN		POT	2I		
									ARG	3I		
120.67	125.88	5.21	GRD	MG	Weak potassic/propyllitic altered granodiorite, moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
125.88	132.53	6.65	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz/carbonate +/-sulphide veins and the klaza zone breccia.							
						MD	PK		SIL	3I		
						LT	WH		PRO	2I		
						LT	GN		PHC	3I		
						DK	GN		POT	2I		
									ARG	3I		
132.53	137.47	4.94	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate +/- quartz veinlets per meter.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
137.47	141.08	3.61	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration. Hosts an abundance of quartz +/- carbonate veinlets.							
						MD	PK		PRO	2I		
						LT	GN	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
									ARG	3I		
141.08	151.84	10.76	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate +/- quartz veinlets per meter.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
151.84	153.31	1.47	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration, moderately silicified weak potassic/propyllitic alteration and silicified propyllitic/phyllic alteration hosting quartz carbonate veinlets.							
						MD	PK	PA	POT	2I		
						MD	GY		PRO	3I		
						LT	WH		ARG	3I		
						LT	GN		SIL	3I		
						DK	GN		PRO	2I		
									PHC	3I		
153.31	154.82	1.51	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate +/- quartz veinlets per meter.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
154.82	160.24	5.42	GRD	MG	Alternating patches of silicified moderate potassic/strong argillic alteration and moderately silicified phyllic alteration hosting carbonate +/- quartz veins.							
						MD	GY		PHC	3I		
						MD	PK		POT	3I		
						LT	WH	PA	SIL	3I		
						LT	GN		ARG	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
160.24	163.68	3.44	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate +/- quartz veinlets per meter.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.35	59.71	56.36	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Patchy pervasive moderately oxidized weak potassic/propyllitic overprinted argillic alteration. Argillic alteration has rubbly patches. Oxidation obscures rock textures.							
						MD	GY	PA	OXI	3I		
									ARG	3I		
						MD	OR		POT	2I		
									PRO	2I		
59.71	65.95	6.24	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Weak to moderate oxidation along fracture surfaces.							
						DK	GN		PRO	2I		
									OXI	2I		
						MD	PK		POT	2I		
						MD	GY		OXI	3I		
						MD	OR		SIL	3I		
65.95	69.52	3.57	GRD	MG	Moderately silicified, moderate phyllic/weak propyllitic altered granodiorite with patchy trace to weak argillic alteration. Moderate to strong oxidation along fractures.							
						MD	GN		PHC	3I		
						LT	WH		PRO	2I		
						MD	OR		ARG	2I		
									OXI	4I		
									ARG	1I		
									OXI	3I		
						LT	GN		SIL	3I		
69.52	71.71	2.19	GRD	MG	Moderate to strongly silicified, moderate to strong phyllic altered granodiorite hosting an abundance of smokey +/- carbonate veins veinlets and stringers. Hosts trace disseminated pyrite.							
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		OXI	3I	Py	1
									PHC	4I		
						MD	GN		SIL	4I		
						MD	GY		SIL	3I		
71.71	75.59	3.88	GRD	MG	Weak to moderately phyllic/propyllitic altered granodiorite. Patchy trace to weak argillic alteration. Has patchy patches of silicified moderate propyllitic/potassic alteration and potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						MD	GN		PHC	2I		
						LT	WH		PRO	3I		
						DK	GN		PRO	3I		
									ARG	2I		
						MD	PK		POT	2I		
						LT	GN		PHC	3I		
75.59	76.83	1.24	QFP	FG	Patchy purple and grey quartz feldspar porphyry dyke. Contacts are gouge altered and broken up no angle. Dyke is rubbly.							
						MD	GY	RB				
						MD	PU	PO				
76.83	79.89	3.06	GRD	MG	Weak to moderately phyllic/propyllitic altered granodiorite. Patchy trace to weak argillic alteration. Has patchy patches of silicified moderate propyllitic/potassic alteration and potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						DK	GN		PRO	3I		
						LT	WH		PRO	3I		
						MD	PK		POT	2I		
									ARG	2I		
						MD	GN		PHC	2I		
						LT	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
79.89	125.88	45.99	GRD	MG	Weak potassic/propyllitic altered granodiorite, moderately silicified.							
						DK	GN		SIL	3I		
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
125.88	132.53	6.65	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration. Hosts multiple quartz/carbonate +/-sulphide veins and the klaza zone breccia.							
									ARG	3I		
						LT	WH		PRO	2I		
						DK	GN		POT	2I		
						LT	GN		PHC	3I		
						MD	PK		SIL	3I		
132.53	163.68	31.15	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate +/- quartz veinlets per meter.							
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
						MD	PK		PRO	2I		

KL-14-208

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.55	3.55	0	0	0.00	0	--	--	--	
3.55	5.18	1.63	1.53	94	0.15	9	--	3H	3W	
5.18	8.23	3.05	2.01	66	0.35	11	--	3H	4W	
8.23	11.28	3.05	2.88	94	0.53	17	--	2H	3W	
11.28	14.33	3.05	3.01	99	0.84	28	--	3H	4W	
14.33	17.37	3.04	2.8	92	1.54	51	--	3H	4W	
17.37	20.42	3.05	3.05	100	2.18	71	--	3H	3W	
20.42	23.47	3.05	2.99	98	2.07	68	--	4H	2W	
23.47	26.52	3.05	2.96	97	2.58	85	--	4H	2W	
26.52	29.57	3.05	3.05	100	1.98	65	--	4H	2W	
29.57	32.61	3.04	3.04	100	2.67	88	--	4H	2W	
32.61	35.66	3.05	2.85	93	2.70	89	--	3H	2W	
35.66	38.71	3.05	3.05	100	1.58	52	--	4H	2W	
38.71	41.76	3.05	2.99	98	2.42	79	--	4H	2W	
41.76	44.81	3.05	2.94	96	2.52	83	--	3H	2W	
44.81	47.85	3.04	3.04	100	1.78	59	--	3H	2W	
47.85	50.90	3.05	2.86	94	2.08	68	--	4H	2W	
50.90	53.95	3.05	2.93	96	1.45	48	--	4H	2W	
53.95	57.00	3.05	2.93	96	2.43	80	--	3H	2W	
57.00	60.05	3.05	3.05	100	2.41	79	--	3H	2W	
60.05	63.09	3.04	2.55	84	1.70	56	--	3H	2W	
63.09	66.14	3.05	2.99	98	1.27	42	--	3H	2W	
66.14	69.19	3.05	2.99	98	2.76	90	--	3H	2W	
69.19	72.24	3.05	3.05	100	2.15	70	--	3H	2W	
72.24	75.29	3.05	2.93	96	2.87	94	--	3H	2W	
75.29	78.33	3.04	2.4	79	1.81	60	--	2H	2W	
78.33	81.38	3.05	3.05	100	2.39	78	--	3H	2W	
81.38	84.43	3.05	2.92	96	1.37	45	--	4H	2W	
84.43	87.48	3.05	2.91	95	2.34	77	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	2.43	80	--	4H	1W	
90.53	93.57	3.04	3.04	100	2.21	73	--	3H	1W	
93.57	96.62	3.05	2.96	97	1.56	51	--	4H	1W	
96.62	99.67	3.05	2.53	83	1.42	47	--	4H	1W	
99.67	102.72	3.05	2.91	95	1.54	50	--	4H	1W	
102.72	105.77	3.05	3.05	100	1.66	54	--	4H	1W	
105.77	108.82	3.05	3.05	100	2.14	70	--	4H	1W	
108.82	111.86	3.04	3.04	100	2.14	70	--	4H	1W	
111.86	114.91	3.05	2.86	94	2.29	75	--	4H	1W	
114.91	117.96	3.05	2.88	94	1.82	60	--	4H	1W	
117.96	121.01	3.05	3.05	100	2.39	78	--	3H	1W	
121.01	124.05	3.04	2.89	95	2.48	82	--	4H	1W	
124.05	127.10	3.05	2.99	98	2.93	96	--	4H	1W	
127.10	130.15	3.05	2.91	95	2.20	72	--	3H	1W	
130.15	133.20	3.05	2.97	97	2.28	75	--	3H	1W	
133.20	136.25	3.05	2.95	97	2.80	92	--	4H	1W	
136.25	139.29	3.04	3	99	2.70	89	--	3H	1W	
139.29	142.34	3.05	3	98	2.77	91	--	3H	1W	
142.34	145.39	3.05	2.94	96	2.86	94	--	4H	1W	2 Joints.
145.39	148.44	3.05	3.05	100	3.05	100	--	4H	1W	
148.44	151.49	3.05	3.05	100	2.64	87	--	4H	1W	
151.49	154.53	3.04	2.68	88	2.68	88	--	4H	1W	
154.53	157.58	3.05	3.01	99	2.32	76	--	4H	1W	
157.58	160.63	3.05	2.79	91	2.01	66	--	4H	1W	
160.63	163.68	3.05	2.8	92	2.18	71	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	2.49	GRD	
5	8.67	GRD	
6	7.79	GRD	
7	0.14	GRD	
8	5.48	GRD	
9	1.8	GRD	
10	0.319	GRD	
11	0.247	GRD	
12	3.14	GRD	
13	4.56	GRD	
14	6.43	GRD	
15	23.5	GRD	
16	19.5	GRD	
17	1.31	GRD	
18	0.369	GRD	
19	0.369	GRD	
20	0.428	GRD	
21	13.4	GRD	
22	17.6	GRD	
23	12.9	GRD	
24	12.1	GRD	
25	17.1	GRD	
27	12.9	GRD	
28	17	GRD	
29	17.3	GRD	
30	14.3	GRD	
31	15.6	GRD	
32	12.2	GRD	
33	0.39	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	0.556	GRD	
35	0.392	GRD	
36	0.372	GRD	
37	10.5	GRD	
38	17.4	GRD	
39	21.9	GRD	
40	0.946	GRD	
41	12	GRD	
42	10.8	GRD	
43	0.436	GRD	
44	0.351	GRD	
45	0.618	GRD	
46	3.85	GRD	
47	16.2	GRD	
48	18.1	GRD	
49	16.4	GRD	
50	0.518	GRD	
51	0.518	GRD	
52	17.8	GRD	
54	13.7	GRD	
55	10	GRD	
56	1.57	GRD	
57	0.09	GRD	
58	0.244	GRD	
59	0.436	GRD	
60	3.58	GRD	
61	0.716	GRD	
62	0.606	GRD	
63	0.49	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
64	0.65	GRD	
65	0.383	GRD	
66	0.254	GRD	
67	0.476	GRD	
68	0.363	GRD	
69	0.274	GRD	
70	0.145	GRD	
71	0.293	GRD	
72	0.386	GRD	
73	0.673	GRD	
74	0.322	GRD	
75	1.69	GRD	
76	0.919	QFP	
77	0.254	GRD	
78	0.354	GRD	
79	0.542	GRD	
80	3.28	GRD	
81	4.48	GRD	
82	0.693	GRD	
83	17.4	GRD	
84	17	GRD	
85	19.3	GRD	
86	9.81	GRD	
87	11.3	GRD	
88	13.3	GRD	
89	17.6	GRD	
90	9.22	GRD	
91	14.9	GRD	
92	0.576	GRD	
93	0.798	GRD	
94	17.8	GRD	
95	17.5	GRD	
96	11.3	GRD	
97	21.3	GRD	
98	16.2	GRD	
99	17.6	GRD	
100	10.7	GRD	
101	18.6	GRD	
102	17.1	GRD	
103	13.8	GRD	
104	12.1	GRD	
105	17.1	GRD	
106	0.542	GRD	
107	17.2	GRD	
108	17.5	GRD	
109	11.6	GRD	
110	0.818	GRD	
111	18.3	GRD	
112	20.6	GRD	
113	15.1	GRD	
114	13.3	GRD	
115	9.58	GRD	
116	19.3	GRD	
117	22.1	GRD	
118	0.753	GRD	
119	15	GRD	
120	16.4	GRD	
121	19.3	GRD	
122	22.2	GRD	
123	19.3	GRD	
124	20.2	GRD	
125	23.9	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
126	0.647	GRD	
127	0.383	GRD	
128	0.409	GRD	
129	0.382	GRD	
130	0.211	GRD	
131	0.345	GRD	
132	0.335	GRD	
133	17.6	GRD	
134	5.8	GRD	
135	19.1	GRD	
136	5.8	GRD	
137	2.92	GRD	
138	0.237	GRD	
139	0.433	GRD	
140	0.745	GRD	
141	1.67	GRD	
142	1.17	GRD	
143	16.7	GRD	
144	15.9	GRD	
145	16.8	GRD	
146	0.611	GRD	
147	23.2	GRD	
148	4.45	GRD	
149	23.9	GRD	
150	10.2	GRD	
151	24.8	GRD	
152	0.518	GRD	
153	9.13	GRD	
154	12.1	GRD	
155	0.456	GRD	
156	0.612	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
157	2.43	GRD	
158	4.54	GRD	
159	0.267	GRD	
160	0.562	GRD	
161	0.284	GRD	
162	7.81	GRD	
163	6.32	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382569	6889433	1420.53	90.52

ZONE: Central BRX

SECTION:

HOLE: KL-14-209

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 6.1m, Out

Drilling Dates: Aug 08 - Aug 08, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	8.61	8.61	GRD
8.61	44.81	36.2	GRD
44.81	55.77	10.96	GRD
55.77	56.75	0.98	GRD
56.75	58.99	2.24	VEN
58.99	63.37	4.38	QFP
63.37	63.83	0.46	BXA
63.83	64.29	0.46	GRD
64.29	69.6	5.31	QFP
69.6	70.5	0.9	GRD
70.5	90.52	20.02	GRD

SAMPLES	
Numbers:	Q927901, Q927903 to Q927905, Q934319 to Q934346
Total:	37
Batch:	141, 144, 156
Certificates:	WH14119114, WH14119116, WH14121949

COMMENTS
Survey not completed - tool wouldn't connect to download.

Box Log

KL-14-209

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.77	8.09
2	8.09	12.8
3	12.8	17
4	17	20.76
5	20.76	25.1
6	25.1	29.24
7	29.24	33.63
8	33.63	37.7
9	37.7	41.9
10	41.9	46.01
11	46.01	50.33
12	50.33	54.25
13	54.25	58.37
14	58.37	62.41
15	62.41	66.28
16	66.28	70.24
17	70.24	74.52
18	74.52	78.68
19	78.68	82.88
20	82.88	87.02
21	87.02	90.52

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-209									
	56.83	4.2	NQ2	VEN	320.3	232	3.59	3.6	Milky quartz vein with semi-massive pyrite and blebby galena. Hosting blebby quartz
	57.97	7.1	NQ2	VEN	602.6	406.8	4	3.1	Milky quartz vein with blebby pyrite, sphalerite (honey brown and blackjack), arsenopyrite and galena.

KL-14-209

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	8.61	8.61	GRD	MG	Rubbly and clay altered zone with competent core comprising argillic and phyllic altered granodiorite. End of zone consists of clay-gouge with limonite and goethite.							
						MD	OR		ARG	2I	Li	2
						--	TN		PHC	2I	Go	2
8.61	23.33	14.72	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy argillic and phyllic altered granodiorite. Minor calcite veinlets found throughout interval (1 per 3 m). Minor tourmaline stringers with phyllic altered granodiorite. Oxide staining along fractures and weathering quartz-carbonate stringers. Minor quartz-carbonate veins hosting pyrite and arsenopyrite stringers.							
						LT	GN		SIL	3I		
						LT	GY		OXI	1I		
									PHC	3I		
									POT	2I		
									ARG	3I		
									PRO	1I		
23.33	28.01	4.68	GRD	MG	Intermittent phyllic and argillic altered granodiorite with calcite and quartz-carbonate veins hosting pyrite and arsenopyrite blebs.							
						LT	GN		OXI	3I	Py	0.1
						LT	GY		SIL	3I	As	0.01
									PHC	4I		
									ARG	2I		
28.01	44.81	16.80	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy argillic and phyllic altered granodiorite. Minor calcite veinlets found throughout interval (1 per 3 m). Minor tourmaline stringers with phyllic altered granodiorite. Oxide staining along fractures and weathering quartz-carbonate stringers. Minor quartz-carbonate veins hosting pyrite and arsenopyrite stringers.							
						LT	GY		OXI	1I		
						LT	GN		SIL	3I		
									PHC	3I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	3I		
									PRO	1I		
44.81	55.77	10.96	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy moderate argillic and phyllic altered granodiorite. Minor calcite veinlets found throughout interval (1 per 3 m). Minor tourmaline stringers with phyllic altered granodiorite. Moderate quartz-carbonate veins hosting pyrite and arsenopyrite stringers.							
						LT	GN		SIL	3I		
						LT	GY		OXI	1I		
									PRO	1I		
									PHC	3I		
									POT	2I		
									ARG	3I		
55.77	56.75	0.98	GRD	MG	Strongly phyllic altered and silicified granodiorite hosting blebby/disseminated pyrite. Oxide staining on fractures. Interval is dominantly rubbly.							
						LT	GN		PHC	5I	Py	1
56.75	58.99	2.24	GRD	MG	Milky white to grey quartz vein with intermittent clayey/gougy phyllic altered granodiorite. Interval is rubbly with competent core found mostly near the top and bottom contacts. Bottom 15 centimetres of interval defined by shear/gougy dark grey breccia/vein with blebby pyrite and arsenopyrite. Quartz vein hosts blebby pyrite, arsenopyrite, honey brown and black jack sphalerite and trace galena/chalcopyrite. Phyllic altered granodiorite hosts blebby to disseminated pyrite and arsenopyrite. Shearing textures at 12 degrees to core axis. Weak oxide staining along fractures/gouge.							
						DK	GY		PHC	5I	Py	8
						--	WH		OXI	2I	As	1
									SIL	5I	Sp	2
											Gn	0.1
											Cp	0.01
58.99	63.37	4.38	QFP	MG	Lite to medium green quartz-feldspar porphyry dyke with crackle breccia/stringers of ankerite with oxide weathering.							
						MD	GN					
						LT	GN		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
63.37	63.83	0.46	GRD	MG	Medium grained sub-rounded quartz clasts hosting withing a dark grey fine grained matrix. Blebby pyrite (up to 1 cm), arsenopyrite and honey brown sphalerite.							
						DK	GY				Py	2
											As	0.1
											Sp	0.5
63.83	64.29	0.46	GRD	MG	Strongly phyllic altered granodiorite. Granodiorite is gougy/clay altered with minor calcite veinlets/flooding. Hosts disseminated pyrite and arsenopyrite.							
						LT	GY		PHC	5I	Py	1
						LT	GN		SIL	2I	As	0.1
64.29	69.60	5.31	QFP	MG	Lite to medium green quartz-feldspar porphyry dyke with crackle breccia/stringers of ankerite with oxide weathering. Patchy buff to tan staining.							
						MD	GN					
						LT	GN		SIL	4I		
69.60	70.50	0.90	GRD	MG	Strongly phyllic altered granodiorite with disseminated pyrite. Minor gougy interval with trace disseminated arsenopyrite.							
						LT	GN		SIL	4I	Py	1
									PHC	5I	As	0.1
70.50	90.52	20.02	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Pyrite stringers are found locally (minor). Weak quartz-carbonate veining pervasive throughout with or without pyrite. Phyllic altered granodiorite is mineralized with disseminated pyrite at phyllic altered zones with quartz--carbonate veining. Small fractured and oxidized zone with disseminated pyrite and arsenopyrite.							
						MD	GY		PHC	4I	Py	0.1
						DK	GY		ARG	2I		
									POT	2I		
									PRO	2I		

KL-14-209

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	8.61	8.61	GRD	MG	Rubbly and clay altered zone with competent core comprising argillic and phyllic altered granodiorite. End of zone consists of clay-gouge with limonite and goethite.							
						MD	OR		ARG	2I	Go	2
						--	TN		PHC	2I	Li	2
8.61	44.81	36.20	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy argillic and phyllic altered granodiorite. Minor calcite veinlets found throughout interval (1 per 3 m). Minor tourmaline stringers with phyllic altered granodiorite. Oxide staining along fractures and weathering quartz-carbonate stringers. Minor quartz-carbonate veins hosting pyrite and arsenopyrite stringers.							
									PRO	2I		
						DK	GY		ARG	2I		
									ARG	2I		
						MD	GY		PHC	2I		
44.81	55.77	10.96	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy moderate argillic and phyllic altered granodiorite. Minor calcite veinlets found throughout interval (1 per 3 m). Minor tourmaline stringers with phyllic altered granodiorite. Moderate quartz-carbonate veins hosting pyrite and arsenopyrite stringers.							
									PRO	1I		
									ARG	3I		
									POT	2I		
									PHC	3I		
						LT	GY		OXI	1I		
						LT	GN		SIL	3I		
55.77	56.75	0.98	GRD	MG	Strongly phyllic altered and silicified granodiorite hosting blebby/disseminated pyrite. Oxide staining on fractures. Interval is dominantly rubbly.							
						LT	GN		PHC	5I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
56.75	58.99	2.24	VEN	--	Milky white to grey quartz vein with intermittent clayey/gougy phyllic altered granodiorite. Interval is rubbly with competent core found mostly near the top and bottom contacts. Bottom 15 centimetres of interval defined by shear/gougy dark grey breccia/vein with blebby pyrite and arsenopyrite. Quartz vein hosts blebby pyrite, arsenopyrite, honey brown and black jack sphalerite and trace galena/chalcopyrite. Phyllic altered granodiorite hosts blebby to disseminated pyrite and arsenopyrite. Shearing textures at 12 degrees to core axis. Weak oxide staining along fractures/gouge.							
											Cp	0.01
						DK	GY	BX	PHC	5I	Py	8
									SIL	5I	Sp	2
											Gn	0.1
						--	WH		OXI	2I	As	1
58.99	63.37	4.38	QFP	MG	Lite to medium green quartz-feldspar porphyry dyke with crackle breccia/stringers of ankerite with oxide weathering.							
						LT	GN	CR	SIL	2I		
						MD	GN					
63.37	63.83	0.46	BXA	--	Medium grained sub-rounded quartz clasts hosting withing a dark grey fine grained matrix. Blebby pyrite (up to 1 cm), arsenopyrite and honey brown sphalerite.							
						DK	GY	BX			Py	2
											Sp	0.5
											As	0.1
63.83	64.29	0.46	GRD	MG	Strongly phyllic altered granodiorite. Granodiorite is gougy/clay altered with minor calcite veinlets/flooding. Hosts disseminated pyrite and arsenopyrite.							
						LT	GN		SIL	2I	As	0.1
						LT	GY		PHC	5I	Py	1
64.29	69.60	5.31	QFP	MG	Lite to medium green quartz-feldspar porphyry dyke with crackle breccia/stringers of ankerite with oxide weathering. Patchy buff to tan staining.							
						MD	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	4I		
69.60	70.50	0.90	GRD	MG	Strongly phyllic altered granodiorite with disseminated pyrite. Minor gougy interval with trace disseminated arsenopyrite.							
									PHC	5I	As	0.1
						LT	GN		SIL	4I	Py	1
70.50	90.52	20.02	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Pyrite stringers are found locally (minor). Weak quartz-carbonate veining pervasive throughout with or without pyrite. Phyllic altered granodiorite is mineralized with disseminated pyrite at phyllic altered zones with quartz--carbonate veining. Small fractured and oxidized zone with disseminated pyrite and arsenopyrite.							
									PRO	2I		
						DK	GY		ARG	2I		
						MD	GY		PHC	4I	Py	0.1
									POT	2I		

KL-14-209

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.77	3.77	0	0	0.00	0	--	--	--	
3.77	5.18	1.41	1.1	78	0.00	0	--	3H	4W	
5.18	8.23	3.05	1.94	64	0.39	13	--	3H	3W	
8.23	11.28	3.05	2.2	72	0.40	13	--	4H	3W	
11.28	14.33	3.05	2.57	84	1.40	46	--	4H	2W	
14.33	17.37	3.04	2.98	98	1.60	53	--	4H	2W	
17.37	20.42	3.05	2.92	96	1.21	40	--	2H	3W	
20.42	23.47	3.05	2.89	95	1.30	43	--	3H	2W	
23.47	26.52	3.05	2.98	98	1.93	63	--	3H	2W	
26.52	29.57	3.05	3.05	100	2.45	80	--	3H	2W	
29.57	32.61	3.04	3.04	100	2.78	91	--	4H	1W	
32.61	35.66	3.05	3.03	99	2.81	92	--	4H	1W	
35.66	38.71	3.05	3.05	100	2.73	90	--	4H	2W	
38.71	41.76	3.05	2.79	91	1.59	52	--	4H	1W	
41.76	44.81	3.05	2.88	94	2.06	68	--	3H	1W	
44.81	47.85	3.04	2.88	95	2.23	73	--	4H	1W	
47.85	50.90	3.05	2.85	93	1.77	58	--	3H	1W	
50.90	53.95	3.05	3.05	100	2.63	86	--	4H	1W	
53.95	57.00	3.05	2.78	91	1.38	45	--	3H	1W	
57.00	60.05	3.05	1.79	59	0.90	30	--	3H	2W	
60.05	63.09	3.04	2.85	94	1.89	62	--	3H	2W	
63.09	66.14	3.05	2.88	94	0.98	32	--	3H	2W	
66.14	69.19	3.05	3.05	100	2.80	92	--	3H	2W	
69.19	72.24	3.05	3.05	100	2.16	71	--	3H	2W	
72.24	75.29	3.05	3.04	100	2.77	91	--	4H	1W	
75.29	78.33	3.04	2.98	98	1.70	56	--	4H	2W	
78.33	81.38	3.05	3.05	100	2.17	71	--	4H	1W	
81.38	84.43	3.05	3.05	100	2.59	85	--	4H	1W	
84.43	87.48	3.05	3.05	100	2.52	83	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.52	3.04	3.02	99	2.61	86	--	4H	1W	

Magnetic Suscepatibility

KL-14-209

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	0.195	GRD	
5	0.163	GRD	
6	0.205	GRD	
7	0.181	GRD	
8	0.225	GRD	
9	13.3	GRD	
10	11.8	GRD	
11	20.1	GRD	
12	19.8	GRD	
13	19.1	GRD	
14	10.6	GRD	
15	18.3	GRD	
16	15.2	GRD	
17	0.383	GRD	
18	17	GRD	
19	19	GRD	
20	21.6	GRD	
21	16.5	GRD	
22	0.672	GRD	
23	4.36	GRD	
25	0.326	GRD	
26	4.43	GRD	
27	0.991	GRD	
28	0.532	GRD	
29	17.8	GRD	
30	17.8	GRD	
31	19.6	GRD	
32	19	GRD	
33	16.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	17.2	GRD	
35	21.1	GRD	
36	22.5	GRD	
37	15.7	GRD	
38	21.2	GRD	
39	18.7	GRD	
40	21	GRD	
41	16	GRD	
42	21	GRD	
43	0.511	GRD	
44	17.9	GRD	
45	0.319	GRD	
46	20.4	GRD	
47	1.65	GRD	
48	0.43	GRD	
49	0.353	GRD	
50	0.293	GRD	
51	12.8	GRD	
52	21.7	GRD	
53	24.7	GRD	
54	4.92	GRD	
55	1.65	GRD	
56	0.426	GRD	
57	0.172	VEN	
58	0.155	VEN	
59	0.22	QFP	
60	0.26	QFP	
61	0.228	QFP	
62	0.335	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	0.37	QFP	
64	0.392	GRD	
65	0.265	QFP	
66	0.25	QFP	
67	0.325	QFP	
68	0.284	QFP	
69	0.264	QFP	
70	0.131	GRD	
71	0.42	GRD	
72	1.1	GRD	
73	14.6	GRD	
74	0.435	GRD	
75	0.47	GRD	
76	10.7	GRD	
77	0.414	GRD	
78	11.1	GRD	
79	19.2	GRD	
80	11.3	GRD	
81	15.7	GRD	
82	15.4	GRD	
83	0.749	GRD	
84	10.8	GRD	
85	18.2	GRD	
86	0.803	GRD	
87	0.848	GRD	
88	0.355	GRD	
89	6.2	GRD	
90	10.4	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382660	6890220	1373.43	413.61

ZONE: Central Klaza

SECTION:

HOLE: KL-14-210

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 4.57m, Out

Drilling Dates: Aug 08 - Aug 14, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
17.37	34	-50.1	Reflex
413.61	48.1	-47.5	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.32	4.32	CAS
4.32	38.46	34.14	GRD
38.46	50.52	12.06	GRD
50.52	84.02	33.5	GRD
84.02	88.26	4.24	GRD
88.26	134.87	46.61	GRD
134.87	136.4	1.53	GRD
136.4	144.84	8.44	GRD
144.84	148.11	3.27	GRD
148.11	160.03	11.92	GRD
160.03	167.29	7.26	GRD
167.29	179.8	12.51	GRD
179.8	182.83	3.03	GRD
182.83	184.36	1.53	GRD
184.36	190.56	6.2	GRD
190.56	190.88	0.32	VEN

SAMPLES	
Numbers:	Q927932, Q927941 to Q927944, Q927964 to Q927968, Q933274 to Q933385
Total:	136
Batch:	142, 150, 156, 161, 163, 164
Certificates:	WH14121946, WH14121949, WH14125363, WH14125369, WH14125420, WH14125425

COMMENTS

190.88	192.65	1.77	GRD
192.65	199.63	6.98	GRD
199.63	208.92	9.29	GRD
208.92	235.21	26.29	GRD
235.21	241.09	5.88	GRD
241.09	276.06	34.97	GRD
276.06	279.28	3.22	GRD
279.28	279.5	0.22	BXA
279.5	285.28	5.78	QFP
285.28	286.2	0.92	BXA
286.2	291.99	5.79	QFP
291.99	292.57	0.58	BXA
292.57	295.06	2.49	GRD
295.06	295.59	0.53	GRD
295.59	303.68	8.09	GRD
303.68	304.17	0.49	BXA
304.17	305.75	1.58	QFP
305.75	307.75	2	GRD
307.75	312.44	4.69	GRD
312.44	331.88	19.44	GRD
331.88	339.05	7.17	GRD
339.05	347.66	8.61	QFP
347.66	349.65	1.99	BXA
349.65	349.97	0.32	VEN
349.97	360.09	10.12	GRD
360.09	361.98	1.89	BXA
361.98	413.61	51.63	GRD

Box Log

KL-14-210

Klaza ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.32	7.01
2	7.01	10.35
3	10.35	13.48
4	13.48	16.45
5	16.45	19.57
6	19.57	22.83
7	22.83	25.87
8	25.87	29.08
9	29.08	32.32
10	32.32	35.45
11	35.45	38.42
12	38.42	41.6
13	41.6	44.65
14	44.65	47.65
15	47.65	50.9
16	50.9	53.95
17	53.95	57
18	57	60.25
19	60.25	63.33
20	63.33	66.55
21	66.55	69.85
22	69.85	72.93
23	72.93	75.94
24	75.94	79.23
25	79.23	82.67
26	82.67	85.95
27	85.95	89.31
28	89.31	92.7
29	92.7	95.83
30	95.83	98.95
31	98.95	102.18
32	102.18	105.37
33	105.37	108.59
34	108.59	111.86
35	111.86	115.06
36	115.06	118.28
37	118.28	121.6
38	121.6	124.61
39	124.61	127.7
40	127.7	130.32
41	130.32	133.2
42	133.2	136.25
43	136.25	139.29
44	139.29	142.34
45	142.34	145.5
46	145.5	148.75
47	148.75	151.9
48	151.9	154.9
49	154.9	158
50	158	161.2
51	161.2	164.4
52	164.4	167.68
53	167.68	170.95
54	170.95	173.97
55	173.97	177.25
56	177.25	180.55
57	180.55	183.65
58	183.65	187
59	187	190.23
60	190.23	193.4
61	193.4	196.6
62	196.6	199.67
63	199.67	203
64	203	206.23
65	206.23	209.4
66	209.4	212.45
67	212.45	215.67
68	215.67	219
69	219	222.1
70	222.1	225.3
71	225.3	228.65
72	228.65	231.75
73	231.75	235.07
74	235.07	238.27
75	238.27	240.5
76	240.5	244.81
77	244.81	248.11
78	248.11	251.47
79	251.47	254.73
80	254.73	257.9
81	257.9	261.09
82	261.09	264.35
83	264.35	267.77
84	267.77	271.08
85	271.08	274.33
86	274.33	277.61
87	277.61	280.9
88	280.9	283.95
89	283.95	286.95
90	286.95	289.85

Box Number	From (m)	To (m)
91	289.85	293.06
92	293.06	296.3
93	296.3	299.55
94	299.55	303.82
95	303.82	306.13
96	306.13	309.18
97	309.18	312.49
98	312.49	315.92
99	315.92	319.13
100	319.13	322.45
101	322.45	325.8
102	325.8	329.1
103	329.1	332.4
104	332.4	335.8
105	335.8	339.65
106	339.65	342.4
107	342.4	345.1
108	345.1	348.3
109	348.3	351.6
110	351.6	354.75
111	354.75	357.5
112	357.5	360.65
113	360.65	363.75
114	363.75	367
115	367	370.28
116	370.28	373.5
117	373.5	376.31
118	376.31	379.52
119	379.52	382.63
120	382.63	386.02
121	386.02	389
122	389	392.28
123	392.28	395.33
124	395.33	398.48
125	398.48	401.47
126	401.47	404.47
127	404.47	407.32
128	407.32	410.57
129	410.57	413.61

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-210									
	278.19	10.3	HQ	GRD	1054.8	731.8	3.5	3.3	Banded milky, smoky quartz vein hosting blebby veinlets and disseminated pyrite, blebby sphalerite (honey brown and blackjack) and pervasive blebby arsenopyrite in one milky band.
	279.49	11.4	HQ	BXA	1064	701	3.19	2.9	Smoky quartz breccia with cobble to boulder clasts in sand matrix. Clasts hosting blebby and disseminated pyrite and blebby to semi-massive arsenopyrite. Blebby blackjack sphalerite and pyrite in matrix
	286.1	8.6	HQ	BXA	1022.6	751.4	4.07	3.8	Quartz vein hosting semi-massive to massive honey brown and blackjack sphalerite, blebby galena, pyrite and arsenopyrite. 2 centimeter breccia granodiorite with ankerite flooding and disseminated pyrite.
	338.64	10.1	HQ	GRD	855.6	541.7	2.9	2.7	mineralized smoky, milky quartz-ankerite breccia with blebby pyrite, galena, ankerite, blackjack sphalerite and minor flow banded textures.
	349.69	7.6	HQ	VEN	1413.5	1180.4	6.36	6.1	Massive galena vein with blebby to semi-massive chalcopyrite, pyrite, sphalerite (honey brown and blackjack). Bulges on galena.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.32	5.30	0.98	GRD	MG	Fractured-rubbly argillic granodiorite with pervasive oxidation. Significant crumbling.							
						MD	OR	RB	ARG	1I	Go	5
						MD	BN	FR	OXI	4I	Li	20
5.30	11.82	6.52	GRD	MG	Weakly silicified and potassic altered granodiorite with oxidation on fractures.							
						MD	BN		POT	1I		
						LT	GY		OXI	2I		
						LT	PK		SIL	1I		
11.82	12.96	1.14	GRD	MG	Strongly oxidized granodiorite with argillic halo on barren quartz veinlets.							
						MD	BN	FR	OXI	4I	Li	15
						MD	OR		ARG	1I	Go	5
12.96	21.04	8.08	GRD	MG	Weakly silicified and potassic altered granodiorite with oxidation on fractures.							
						MD	BN		POT	1I		
						LT	GY		OXI	2I		
						LT	PK		SIL	1I		
21.04	24.74	3.70	GRD	MG	Dominated by pervasive argillic overprint by oxidation. Patchy phylilc and potassic. Single mineralized vein at 23.50m, otherwise, white quartz-carbonate veins are barren.							
						MD	BN		OXI	3I	Go	3
						MD	OL		ARG	3I	Li	15
						LT	PK		PHC	1I		
						LT	GN		POT	1I		
24.74	25.93	1.19	GRD	MG	Weakly silicified and potassic altered granodiorite with oxidation on fractures.							
						MD	BN		POT	1I		
						LT	PK		SIL	1I		
						LT	GY		OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
25.93	27.64	1.71	GRD	MG	Dominated by pervasive argillic overprint by oxidation. Patchy phylilc and potassic. Single mineralized vein at 27.55m, otherwise, white quartz-carbonate veins are barren.							
						MD	OL		ARG	3I	Go	3
						MD	BN		OXI	3I	Li	15
						LT	PK		PHC	1I		
						LT	GN		POT	1I		
27.64	29.72	2.08	GRD	MG	Weakly silicified and potassic altered granodiorite with oxidation on fractures.							
						MD	BN		POT	1I		
						LT	GY		OXI	2I		
						LT	PK		SIL	1I		
29.72	32.18	2.46	GRD	MG	Phyllic-dominated with weak argillic from vein halos. Oxidation is strongest on fractures and in argillic. Semi-pervasive trace potassic. Veins are vuggy-colloform quartz-carbonate, lacking sulphides.							
						MD	BN		POT	1I		
						LT	OR		ARG	2I		
						LT	GN		OXI	3I	Li	2
						LT	PK		PHC	3I		
32.18	35.72	3.54	GRD	MG	Weakly silicified, potassic, and propylitic altered granodiorite with oxidation on fractures.							
						MD	BN		POT	1I		
						LT	GY		SIL	1I	Li	2
						LT	PK		OXI	2I		
									PRO	1I		
37.15	38.46	1.31	GRD	MG	Weakly silicified, potassic, and propylitic altered granodiorite with oxidation on fractures.							
						MD	BN		ARG	1I		
						LT	PK		PHC	2I		
						LT	GY		OXI	2I	Li	3
38.46	44.75	6.29	GRD	MG	Phyllic-argillic halos on quartz-carbonate-pyrite veins with weak propylitic, silicification, and patchy potassic overprint. Trace oxidation on fractures.							
						MD	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		OXI	1I		
						LT	BN		SIL	1I		
									POT	1I		
									PRO	2I		
									ARG	1I		
44.75	47.12	2.37	GRD	MG	Weakly silicified, propylitic, and potassic altered granodiorite with oxidation on fractures and quartz-carbonate veinlets.							
						MD	GN		SIL	2I		
						LT	BN		PRO	2I		
						LT	PK		OXI	1I		
									POT	1I		
47.12	50.52	3.40	GRD	MG	Phyllic-argillic halos on quartz-carbonate-pyrite veins with weak propylitic and silicification. Trace oxidation on fractures.							
						LT	GN		OXI	2I		
						LT	BN		SIL	1I		
						LT	WH		PHC	3I		
									ARG	3I		
50.52	84.02	33.50	GRD	MG	Weakly altered granodiorite with patchy silicification, propylitic, and potassic. Weak oxidation on fractures. Rare phyllic halos on few quartz-carbonate veins.							
						MD	PK		SIL	1I		
						LT	GY	PA	OXI	1I		
						LT	BN		PRO	1I		
									POT	1I		
84.02	84.99	0.97	GRD	MG	Clear-white-smoky quartz vein with thin bands of disseminated-blebby pyrite, honey brown sphalerite, and galena.							
						MD	GN		SIL	1I		
						MD	PK		PHC	2I		
									PRO	1I		
84.99	87.25	2.26	GRD	MG	Weak pervasive silicified, propylitic, and potassic altered granodiorite.							
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
87.25	88.26	1.01	GRD	MG	Phyllic halo with trace propylitic overprint. Cut by grey quartz breccia and clear-smoky quartz vein hosting pyrite, honey brown sphalerite, and galena.							
						MD	GY		PHC	3I		
						LT	GN	BX	SIL	2I		
									PRO	1I		
88.26	92.53	4.27	GRD	MG	Weak pervasive propylitic and potassic altered granodiorite.							
						MD	GN		PRO	2I		
						MD	GY		POT	1I		
						MD	PK					
92.53	93.57	1.04	GRD	MG	Weak phyllic halo on smoky quartz-pyrite vein. Weak oxidation on fractures. Weak gouge along vein borders.							
						MD	GY		PHC	2I		
						LT	GN		OXI	1I		
93.57	96.90	3.33	GRD	MG	Weak pervasive propylitic and potassic altered granodiorite.							
						MD	GY		POT	1I		
						MD	PK					
						MD	GN		PRO	2I		
96.90	98.64	1.74	GRD	MG	Patch of argillic and potassic dominated alteration with weak phyllic overprint. Cut by white carbonate veins.							
						MD	PK		PHC	1I		
						LT	WH		POT	1I		
						LT	GN		ARG	2I		
98.64	103.43	4.79	GRD	MG	Pervasive propylitic and potassic altered granodiorite.							
						MD	GN		POT	1I		
						MD	GY					
						LT	GN		PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
103.43	104.12	0.69	GRD	MG	Phyllic halo with distal argillic alteration on smoky quartz-carbonate veins. Veins host disseminated pyrite and sphalerite.							
						MD	GN		PHC	3I		
						MD	GY		ARG	1I		
						LT	GN		SIL	1I	Py	1
104.12	134.87	30.75	GRD	MG	Unaltered granodiorite with mafic xenoliths. Fractures 129.50-133m.							
						MD	GY					
134.87	136.40	1.53	GRD	MG	Phyllic dominated halo on pyrite-bearing grey-smoky quartz veins. Patchy trace potassic.							
						MD	GN		SIL	1I		
						LT	PK		ARG	1I		
						LT	GN		PHC	3I		
									POT	1I		
136.40	144.84	8.44	GRD	MG	Weakly propylitic and potassic altered granodiorite with trace red hematization on fracture faces.							
						MD	GY		PRO	1I		
						MD	GN		POT	1I		
						MD	RD		HEM	1I		
144.84	148.11	3.27	GRD	MG	Phyllic dominated halo on pyrite-bearing grey-smoky quartz veins. Patchy trace potassic.							
						MD	GN		ARG	1I		
						LT	GN		PHC	2I		
						LT	PK		POT	1I		
148.11	160.03	11.92	GRD	MG	Pervasive propylitic and patchy potassic altered granodiorite.							
						MD	GN		PRO	2I		
						MD	GY		POT	1I		
						MD	PK					
160.03	167.29	7.26	GRD	MG	Phyllic-argillic vein halos with patchy propylitic overprint. Cut by quartz-pyrite veins and smoky quartz breccia.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	2I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	2I		
167.29	170.18	2.89	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	PK		POT	1I		
						MD	GY		SIL	1I		
						MD	GN		PRO	2I		
170.18	171.44	1.26	GRD	MG	Pervasive argillic and potassic with weak propylitic overprint. Cut by quartz and carbonate veins.							
						LT	PK		POT	2I		
						LT	GN		PRO	1I		
						LT	WH		ARG	3I		
171.44	179.80	8.36	GRD	MG	Pervasive propylitic and silicified granodiorite with patchy potassic.							
						MD	GN		SIL	1I		
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
179.80	182.83	3.03	GRD	MG	Pervasive argillic and potassic with weak propylitic overprint. Cut by quartz and carbonate veins.							
						MD	PK		POT	2I		
						LT	GN		PRO	1I		
						LT	WH		ARG	3I		
182.83	184.36	1.53	GRD	MG	Pervasively silicified and propylitic altered granodiorite w patchy potassic.							
						MD	PK		POT	1I		
						MD	GY		SIL	1I		
						MD	GN		PRO	2I		
184.36	184.93	0.57	GRD	MG	Argillic>phyllic halo on white calcite veins. Weak propylitic overprint and patchy potassic.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	2I		
						LT	PK		ARG	1I		
									POT	1I		
184.93	185.53	0.60	GRD	MG	Argillic overprinted by phyllic and potassic.							
						LT	PK		ARG	1I		
						LT	GN		PHC	2I		
									POT	1I		
185.53	188.15	2.62	GRD	MG	Phyllic-argillic vein halo with silicification, propylitic, and patchy potassic overprint. Cut by crosscutting white quartz-carbonate-pyrite veins and dark brown quartz breccia.							
						MD	GN		ARG	1I		
						LT	GN		SIL	1I		
									PRO	1I		
									PHC	2I		
									POT	1I		
188.15	188.70	0.55	GRD	MG	Pervasively propylitic altered granodiorite w patchy potassic.							
						MD	PK		POT	1I		
						MD	GN		PRO	2I		
188.70	190.56	1.86	GRD	MG	Phyllic-argillic vein halos with propyltic and potassic overprint. Veins are smoky quartz-carbonate-pyrite.							
						MD	PK		ARG	2I		
						MD	GN		POT	2I		
						LT	WH		PHC	3I		
						LT	GN		PRO	1I		
190.56	190.88	0.32	VEN	MG	White quartz vein with blebby-massive pyrite, honey brown sphalerite, arsenopyrite, and disseminated galena. Crustiform-colloform cream ankerite-calcite for 1.5cm along top margin. Crustiform yellow ankerite within vein.							
						LT	GN		SIL	3I	Py	30
									PHC	2I	As	5
											Sp	3
											Gn	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
190.88	192.65	1.77	GRD	MG	Intermittent propylitic and potassic with phyllic-argillic vein halos. Cut by white quartz-carbonate veins with disseminated pyrite.							
						MD	GN		PRO	2I		
						LT	GN	PA	PHC	2I		
						LT	PK		POT	1I		
						LT	WH		ARG	2I		
192.65	198.74	6.09	GRD	MG	Weakly propylitic-potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	GN		POT	1I		
						MD	PK					
198.74	199.63	0.89	GRD	MG	Phyllic-argillic halo on quartz-carbonate-pyrite veinlets.							
						MD	GY					
						LT	GY		ARG	2I		
						LT	GN		PHC	2I		
199.63	208.92	9.29	GRD	MG	Fresh granodiorite							
						MD	GY					
208.92	212.76	3.84	GRD	MG	Weakly propylitic and potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	GN		POT	1I		
						MD	PK					
212.76	214.17	1.41	GRD	MG	Phyllic halo with weak propylitic overprint. Cut by quartz-pyrite veins.							
						MD	GN		ARG	1I		
						LT	GN		PHC	3I		
214.17	218.96	4.79	GRD	MG	Weakly propylitic and potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	PK					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		POT	1I		
218.96	219.58	0.62	GRD	MG	Phyllic halo with weak propylitic overprint. Cut by quartz-pyrite veins.							
						MD	GN		PRO	2I		
						LT	GN		PHC	3I		
219.58	235.21	15.63	GRD	MG	Weakly propylitic and potassic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	GN		POT	1I		
						MD	PK					
235.21	237.32	2.11	GRD	MG	Wide phyllic-argillic halos on smoky quartz-carbonate veins, breccia, and ankerite veinlets.							
						LT	GN		SIL	2I	Py	1
						LT	GY		PHC	3I		
									ARG	2I		
237.32	237.57	0.25	BXA	MG	Smoky quartz breccia with limited vugs and disseminated pyrite.							
						MD	GY	BX	PHC	2I	Py	1
						LT	GN					
237.57	241.09	3.52	GRD	MG	Wide phyllic-argillic halos on smoky quartz-carbonate veins, breccia, and ankerite veinlets.							
						LT	GN		SIL	2I	Py	1
						LT	GY		PHC	3I		
									ARG	2I		
241.09	276.06	34.97	GRD	MG	Moderate pervasive silicified granodiorite with patchy propylitic and potassic. Mafic xenoliths.							
						MD	GY	PA	SIL	3I		
						MD	PK		PRO	1I		
						MD	GN		POT	1I		
276.06	276.47	0.41	GRD	MG	Moderate-pervasive phyllic and silicified granodiorite with crosscutting smoky quartz veins and hanging wall mineralization. Local disseminated pyrite in granodiorite.							
						LT	GN		PHC	3I	Py	1
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
276.47	277.46	0.99	BXA	MG	Grey quartz cemented breccia with moderate-strong silica overprint. Where silicification is strong, clast-cement borders are obscured. Sub-rounded phyllic granodiorite clasts. Cement hosts more disseminated pyrite than clasts. Cut by low angle white massive quartz vein with blebby pyrite and sphalerite.							
						LT	GN	BX	SIL	3I	Py	1
						LT	GY		PHC	3I		
277.46	278.15	0.69	GRD	MG	Granodiorite with pervasive phyllic alteration. Local disseminated pyrite in groundmass.							
						LT	GN		SIL	2I	Py	1
									PHC	3I		
278.15	278.28	0.13	VEN	MG	Thickly banded white-smoky quartz vein with bands of massive pyrite and disseminated arsenopyrite/acicular jamesonite. Arsenopyrite and jamesonite follow linear grouping.							
						MD	GY		SIL	3I	Py	30
						MD	BR				As	7
											Jm	2
278.28	279.28	1.00	GRD	MG	Granodiorite with pervasive phyllic alteration. Local disseminated pyrite in groundmass.							
						LT	GN		SIL	2I	Py	1
									PHC	3I		
279.28	279.50	0.22	BXA	MG	Hanging wall vein breccia. Dark grey smoky quartz brecciates white quartz vein and granodiorite. Quartz vein hosts blebby pyrite and honey brown sphalerite. Smoky quartz cement hosts disseminated-blebby pyrite and arsenopyrite. Clasts are sub angular and pebbly in size. 65 TCA top contact with quartz feldspar porphyry dyke.							
						MD	GY	BX	SIL	3I	Py	25
						MD	BR		PHC	2I	As	5
											Sp	5
279.50	285.28	5.78	QFP	FG	Quartz feldspar porphyry dyke with gradational colour changes between light tan and light green. Top contact: alpha = 65, beta = 320.							
						LT	GN	PO	SIL	1I		
						LT	TN		HYD	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
285.28	285.56	0.28	GRD	MG	Weakly gouged phyllic granodiorite with disseminated pyrite.							
						MD	GY					
						LT	GN		PHC	3I	Py	1
285.56	286.20	0.64	BXA	MG	Dark grey smoky quartz breccia with rounded mineralized vein clasts. Clasts can be massive quartz, massive galena, massive pyrite, and sphalerite. Trace disseminated arsenopyrite associated with blebby pyrite.							
						MD	GY	BX	SIL	1I	Py	8
						LT	GN		PHC	2I	As	1
											Gn	8
											Sp	5
286.20	291.99	5.79	QFP	FG	Fractured light tan quartz feldspar porphyry dyke.							
						LT	TN	PO	SIL	1I		
								FR	HYD	3I		
291.99	292.57	0.58	BXA	FG	Clast dominated smoky quartz breccia with 80% pebbly subrounded granodiorite and vein clasts. Occasional clasts of massive honey brown sphalerite. Disseminated pyrite in some calsts and cement. Clasts are phyllic-argillic altered.							
						LT	BN					
						LT	GN		ARG	1I	Sp	1
						DK	BK	BX	PHC	2I	Py	3
292.57	295.06	2.49	GRD	MG	Pervasive propylitic with narrow phyllic on veins and trace patchy potassic. Local disseminated pyrite in phyllic halos. Cut by white quartz-pyrite veins.							
						MD	GN		PRO	3I	Py	2
						LT	GN		PHC	2I		
						LT	PK		POT	1I		
295.06	295.21	0.15	BXA	FG	Pair of 5cm wide black quartz breccias with bimodal clasts (sand and pebble size). Disseminated pyrite in quartz. Phyllic altered granodiorite clasts.							
						LT	GN		PHC	1I		
						DK	BK	BX	SIL	2I	Py	3
295.21	295.39	0.18	GRD	MG	Phyllic altered granodiorite cut by pyrite-hosting veinlets.							
						LT	GN		PHC	3I	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
295.39	295.59	0.20	BXA	FG	Black quartz breccia with sandy granodiorite clasts. Cut by narrow gouge veinlet. Disseminated pyrite in quartz.							
						DK	GY	BX	SIL	1I	Py	2
									PHC	2I		
295.59	303.68	8.09	GRD	MG	Granodiorite with patchy propylitic and phyllic-argillic vein halos. Patchy potassic on argillic and propylitic. Cut by mineralized quartz-carbonate veins and carbonate veinlets.							
						MD	GY	PA	PRO	2I		
						MD	GN		POT	1I		
						LT	WH		PHC	2I		
						LT	PK		ARG	1I		
303.68	304.17	0.49	BXA	FG	Smoky quartz brecciating phyllic granodiorite. 60% phyllic altered clasts. Smoky quartz is rich in sulphides. Hosts blebby pyrite, honey brown sphalerite, galena, and disseminated arsenopyrite. Cut by vuggy white ankerite veinlets. Zoned sphalerite mainly along ankerite veinlets. Acicular jamesonite in smoky quartz with arsenopyrite.							
						MD	GY		PHC	2I	As	3
						LT	GN	BX	SIL	1I	Py	5
											Jm	1
											Sp	3
											Gn	2
304.17	305.75	1.58	QFP	FG	Moderate hydrothermally altered quartz feldspar porphyry dyke cut by smoky quartz-carbonate veins hosting pyrite and sphalerite. Cut by wide smoky quartz breccia.							
						MD	GY	PO	HYD	3I	Py	1
305.75	307.75	2.00	GRD	MG	Phyllic-argillic halos on white-grey quartz veins with disseminated pyrite. Patchy potassic overprint.							
						LT	GN	PA	ARG	1I	Py	1
						LT	PK		PHC	3I		
									POT	1I		
307.75	312.44	4.69	GRD	MG	Phyllic-argillic halos on white-grey quartz veins with disseminated pyrite. Patchy potassic overprint.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	2I		
						LT	PK		PRO	1I		
312.44	331.88	19.44	GRD	MG	Alternating patches of propylitic, phyllic, and argillic with patchy potassic and silica overprint. Cut by smoky quartz veins with carbonate and pyrite.							
						MD	GN	PA	SIL	1I		
						MD	PK		PRO	2I		
						LT	GN		PHC	2I		
						LT	WH		ARG	2I		
									POT	1I		
331.88	339.05	7.17	GRD	MG	Overlapping phyllic-argillic vein halos with limited propylitic between halos. Propylitic and potassic overprints argillic.							
						MD	GN		ARG	2I	Sp	0.1
						LT	GN	PA	PHC	3I	Py	1
						LT	PK		POT	1I		
						LT	WH		PRO	1I	Gn	0.1
339.05	347.66	8.61	QFP	FG	Light tan-green quartz feldspar porphyry dyke with fracturing and clay seams. Pervasive hydrothermal alteration. Cut by tan ankerite-calcite veinlets. Brecciated at bottom contact by tan ankerite veinlets. 50 TCA top contact, brecciated bottom contact.							
						LT	GN	PO	HYD	3I		
						LT	TN	FR	CLY	1I		
347.66	349.65	1.99	BXA	FG	Breccia at quartz feldspar porphyry dyke-granodiorite contact. Clasts are jigsaw, pebbly, quartz feldspar porphyry dyke and granodiorite. Granodiorite is phyllic altered with disseminated pyrite. Main cements are tan ankerite veinlets and smoky quartz veinlets. Brecciation intensity drops near 348.7m. Occasional <1cm clay seams.							
						LT	GN	BX	SIL	1I	Py	2
						LT	TN		HYD	1I		
						DK	GY		CLY	1I		
									PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
349.65	349.97	0.32	VEN	CG	Footwall vein. Vein of entirely massive sulphides, dominated by galena. Massive intergrown galena, sphalerite, pyrite, and chalcopyrite. Comb quartz and arsenopyrite along bottom contact. Blebby-interstitial arsenopyrite between massive sulphides. Chalcopyrite mostly near vein margins. Cut by white calcite veinlet.							
						DK	BK	MA			Py	20
											Cp	15
											Sp	15
											Gn	50
											As	1
349.97	360.09	10.12	GRD	MG	Alternating patches of propylitic, phyllic, and argillic with overprinting potassic and clay seams. Moderately fractured, with limited dumortierite on some fractures. Cut by white-cream vuggy carbonate veinlets at 4 per metre frequency.							
						MD	GN	FR	POT	1I		
						MD	PK		ARG	2I		
						LT	GN	PA	PRO	1I		
						LT	WH		PHC	2I		
									CLY	1I		
360.09	361.98	1.89	BXA	FG	Grey quartz cemented breccia with 50% rounded pebble-cobble granodiorite clasts. Clasts are phyllic altered, with somewhat blurred borders due to silicification. Disseminated pyrite in cement and clasts, coarser in clasts.							
						MD	GY	BX	SIL	3I	Py	2
						LT	GN		PHC	3I		
361.98	372.65	10.67	GRD	MG	Narrow phyllic-argillic halos on quartz-carbonate veinlets/veins. Dominated by pervasive propylitic with potassic patches. Cut by quartz-carbonate veins at 1-2 per metre frequency.							
						MD	GN	PA	PRO	2I		
						MD	PK		POT	2I		
						LT	GN		PHC	1I		
									ARG	1I		
372.65	373.27	0.62	APL	VF	Silicified aplite dyke.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK	AN	SIL	3I		
373.27	376.07	2.80	GRD	MG	Fractured granodiorite with propylitic and potassic. Clay alteration on fractures.							
						MD	GN	FR	PRO	2I		
						MD	PK		POT	2I		
									CLY	2I		
376.07	386.07	10.00	GRD	MG	Granodiorite with propylitic and potassic, with patchy argillic alteration.							
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
									ARG	2I		
386.07	387.91	1.84	GRD	MG	Clear-grey quartz and tan ankerite weakly brecciating granodiorite and early quartz veins. Weakly mineralized, with disseminated-blebby pyrite and galena.							
						MD	GN	BX	PRO	2I	Py	3
						LT	GN		ARG	1I	Gn	0.1
									PHC	2I		
387.91	399.45	11.54	GRD	MG	Granodiorite with pervasive weak propylitic and potassic alteration.							
						MD	GY		PRO	2I		
						MD	GN		POT	2I		
						MD	PK					
399.45	401.68	2.23	GRD	MG	Phyllic-argillic halo on mineralized vein and fractured wide massive calcite vein. Stronger chlorite alteration on fractures.							
						MD	GN		PHC	3I		
						LT	GN	FR	PRO	1I		
									ARG	2I		
401.68	413.61	11.93	GRD	MG	Pervasive propylitic and silicification with patchy potassic overprint. Patches of potassic is salmon pink in places. Cut by quartz-chlorite-pyrite veins, pink aplite dyklet, and white carbonate veinlets (3 per metre frequency).							
						MD	GN	PA	SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
									POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.32	38.46	34.14	GRD	MG	Relatively weakly altered top of hole. Granodiorite has weak silicification, propylitic, and potassic with oxidation on fractures. Oxidation is stronger in argillic patches and zones of dense fracturing. Phyllic-argillic halos on patches around white quartz-carbonate veins lacking sulphides. Patchy weak-trace potassic.							
						LT	GY	PA	OXI	3I	Li	5
						MD	BN	FR	SIL	1I	Go	1
						LT	PK		PRO	1I		
						LT	GN		POT	1I		
									PHC	1I		
38.46	50.52	12.06	GRD	MG	Phyllic-argillic halos on quartz-carbonate-pyrite veins with weak propylitic, silicification, and patchy potassic overprint. Trace oxidation on fractures.							
									ARG	1I		
						LT	GN		OXI	1I		
						LT	BN		SIL	1I		
									PRO	2I		
									POT	1I		
						MD	GN		PHC	3I		
50.52	84.02	33.50	GRD	MG	Weakly altered granodiorite with patchy silicification, propylitic, and potassic. Weak oxidation on fractures. Rare phyllic halos on few quartz-carbonate veins.							
						LT	GY	PA	OXI	1I		
						MD	PK		SIL	1I		
						LT	BN		PRO	1I		
									POT	1I		
84.02	88.26	4.24	GRD	MG	Silicified propylitic, and potassic altered granodiorite. Phyllic halos are wide, on smoky quartz veins with pyrite, sphalerite, and galena.							
						LT	GN		POT	1I		
									PHC	2I		
						MD	PK		PRO	2I		
						MD	GN		SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
88.26	134.87	46.61	GRD	MG	Weak pervasive propylitic and potassic altered granodiorite.							
						MD	PK					
						MD	GN		PRO	2I		
						MD	GY		POT	1I		
134.87	136.40	1.53	GRD	MG	Phyllic dominated halo on pyrite-bearing grey-smoky quartz veins. Patchy trace potassic.							
						LT	GN		SIL	1I		
									POT	1I		
						LT	PK		ARG	1I		
						MD	GN		PHC	3I		
136.40	144.84	8.44	GRD	MG	Weakly propylitic and potassic altered granodiorite with trace red hematization on fracture faces.							
						MD	RD		HEM	1I		
						MD	GN		POT	1I		
						MD	GY		PRO	1I		
144.84	148.11	3.27	GRD	MG	Phyllic dominated halo on pyrite-bearing grey-smoky quartz veins. Patchy trace potassic.							
						MD	GN		ARG	1I		
						LT	GN		PHC	2I		
						LT	PK		POT	1I		
148.11	160.03	11.92	GRD	MG	Pervasive propylitic and patchy potassic altered granodiorite.							
						MD	GY		POT	1I		
						MD	GN		PRO	2I		
						MD	PK					
160.03	167.29	7.26	GRD	MG	Phyllic-argillic vein halos with patchy propylitic overprint. Cut by quartz-pyrite veins and smoky quartz breccia.							
						LT	WH		ARG	2I		
						LT	GN	PA	PHC	3I		
						MD	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
167.29	179.80	12.51	GRD	MG	Pervasive propylitic and silicified granodiorite cut by phyllic-argillic halos on veins. Patchy potassic in propylitic and argillic.							
						MD	GY		SIL	1I		
									ARG	1I		
									PHC	1I		
						MD	GN		POT	1I		
						MD	PK		PRO	2I		
179.80	182.83	3.03	GRD	MG	Pervasive argillic and potassic with weak propylitic overprint. Cut by quartz and carbonate veins.							
						LT	GN		PRO	1I		
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
182.83	184.36	1.53	GRD	MG	Pervasively silicified and propylitic altered granodiorite w patchy potassic.							
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
						MD	GY		SIL	1I		
184.36	190.56	6.20	GRD	MG	Weakly mineralized granodiorite with extensive phyllic-argillic halos. Potassic overprints propylitic and argillic alteration, with some propylitic overprint on argillic. Cut by quartz-carbonate veins with sulphides.							
						LT	GN		ARG	2I		
						MD	GN	PA	PHC	3I		
						LT	WH		PRO	1I		
						MD	PK		POT	2I		
190.56	190.88	0.32	VEN	MG	White quartz vein with blebby-massive pyrite, honey brown sphalerite, arsenopyrite, and disseminated galena. Crustiform-colloform cream ankerite-calcite for 1.5cm along top margin. Crustiform yellow ankerite within vein.							
						LT	GN		SIL	3I	Py	30
											Gn	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Sp	3
									PHC	2I	As	5
190.88	192.65	1.77	GRD	MG	Intermittent propylitic and potassic with phyllic-argillic vein halos. Cut by white quartz-carbonate veins with disseminated pyrite.							
						LT	PK		POT	1I		
						LT	GN	PA	PHC	2I		
						MD	GN		PRO	2I		
						LT	WH		ARG	2I		
192.65	199.63	6.98	GRD	MG	Weakly propylitic-potassic altered granodiorite.							
						MD	GN		POT	1I		
						MD	GY		PRO	2I		
						MD	PK					
199.63	208.92	9.29	GRD	MG	Fresh granodiorite.							
						MD	GY					
208.92	235.21	26.29	GRD	MG	Weakly propylitic and potassic altered granodiorite cut by veins with phyllic-argillic halos.							
						MD	PK		PHC	1I		
						MD	GN		POT	1I		
						MD	GY		PRO	2I		
									ARG	1I		
235.21	241.09	5.88	GRD	MG	Wide phyllic-argillic halos on smoky quartz-carbonate veins, breccia, and ankerite veinlets.							
									ARG	2I		
						LT	GN		SIL	2I	Py	1
						LT	GY		PHC	3I		
241.09	276.06	34.97	GRD	MG	Moderate pervasive silicified granodiorite with patchy propylitic and potassic. Mafic xenoliths.							
						MD	PK		PRO	1I		
						MD	GY	PA	SIL	3I		
						MD	GN		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
276.06	279.28	3.22	GRD	MG	Moderate-pervasive phyllic and silicified granodiorite with crosscutting smoky quartz veins and hanging wall mineralization. Cut by grey quartz cemented breccia. Local disseminated pyrite in granodiorite.							
									ARG	1I		
						LT	GY		PHC	3I		
						LT	GN	BX	SIL	3I	Py	1
279.28	279.50	0.22	BXA	MG	Hanging wall vein breccia. Dark grey smoky quartz brecciates white quartz vein and granodiorite. Quartz vein hosts blebby pyrite and honey brown sphalerite. Smoky quartz cement hosts disseminated-blebby pyrite and arsenopyrite. Clasts are sub angular and pebbly in size. 65 TCA top contact with quartz feldspar porphyry dyke.							
						MD	BR		PHC	2I	As	5
											Sp	5
						MD	GY	BX	SIL	3I	Py	25
279.50	285.28	5.78	QFP	FG	Quartz feldspar porphyry dyke with gradational colour changes between light tan and light green. Top contact: alpha = 65, beta = 320.							
						LT	GN		HYD	3I		
						LT	TN	PO	SIL	1I		
285.28	286.20	0.92	BXA	MG	Weakly gouged granodiorite and smoky quartz breccia.							
											Sp	3
						MD	GY		PHC	3I	Gn	6
						LT	GN	BX	SIL	1I	Py	6
286.20	291.99	5.79	QFP	FG	Fractured light tan quartz feldspar porphyry dyke.							
								FR	HYD	3I		
						LT	TN	PO	SIL	1I		
291.99	292.57	0.58	BXA	FG	Clast dominated smoky quartz breccia with 80% pebbly subrounded granodiorite and vein clasts. Occasional clasts of massive honey brown sphalerite. Disseminated pyrite in some calsts and cement. Clasts are phyllic-argillic altered.							
						LT	GN		ARG	1I	Sp	1
						DK	BK		PHC	2I	Py	3
						LT	BN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
292.57	295.06	2.49	GRD	MG	Pervasive propylitic with narrow phyllic on veins and trace patchy potassic. Local disseminated pyrite in phyllic halos. Cut by white quartz-pyrite veins.							
						LT	PK		POT	1I		
						MD	GN		PRO	3I	Py	2
						LT	GN		PHC	2I		
295.06	295.59	0.53	GRD	MG	Phyllic granodiorite cut by three smoky quartz breccias. First two are weakly mineralized, with well defined clasts. Final breccia is more altered, with clast-cement contacts obscured.							
						LT	BN					
						MD	GY		PHC	2I		
						DK	BK	BX	SIL	1I	Py	3
295.59	303.68	8.09	GRD	MG	Granodiorite with patchy propylitic and phyllic-argillic vein halos. Patchy potassic on argillic and propylitic. Cut by mineralized quartz-carbonate veins and carbonate veinlets.							
						LT	PK		ARG	1I		
						LT	WH		PHC	2I		
						MD	GY	PA	PRO	2I		
						MD	GN		POT	1I		
303.68	304.17	0.49	BXA	FG	Smoky quartz brecciating phyllic granodiorite. 60% phyllic altered clasts. Smoky quartz is rich in sulphides. Hosts blebby pyrite, honey brown sphalerite, galena, and disseminated arsenopyrite. Cut by vuggy white ankerite veinlets. Zoned sphalerite mainly along ankerite veinlets. Acicular jamesonite in smoky quartz with arsenopyrite.							
						LT	GN	BX	SIL	1I	Py	5
						MD	GY		PHC	2I	As	3
											Sp	3
											Gn	2
											Jm	1
304.17	305.75	1.58	QFP	FG	Moderate hydrothermally altered quartz feldspar porphyry dyke cut by smoky quartz-carbonate veins hosting pyrite and sphalerite. Cut by wide smoky quartz breccia.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PO	HYD	3I	Py	1
305.75	307.75	2.00	GRD	MG	Phyllic-argillic halos on white-grey quartz veins with disseminated pyrite. Patchy potassic overprint.							
									POT	1I		
						LT	PK		PHC	3I		
						LT	GN	PA	ARG	1I	Py	1
307.75	312.44	4.69	GRD	MG	Pervasive propylitic altered granodiorite with patchy potassic.							
						LT	PK		PRO	1I		
						MD	GY		POT	2I		
312.44	331.88	19.44	GRD	MG	Alternating patches of propylitic, phyllic, and argillic with patchy potassic and silica overprint. Cut by smoky quartz veins with carbonate and pyrite.							
						MD	GN	PA	SIL	1I		
						LT	GN		PHC	2I		
						LT	WH		ARG	2I		
						MD	PK		PRO	2I		
									POT	1I		
331.88	339.05	7.17	GRD	MG	Overlapping phyllic-argillic vein halos with limited propylitic between halos. Propylitic and potassic overprints argillic.							
						LT	PK		POT	1I		
						LT	GN	PA	PHC	3I	Py	1
						MD	GN		ARG	2I	Sp	0.1
						LT	WH		PRO	1I	Gn	0.1
339.05	347.66	8.61	QFP	FG	Light tan-green quartz feldspar porphyry dyke with fracturing and clay seams. Pervasive hydrothermal alteration. Cut by tan ankerite-calcite veinlets. Brecciated at bottom contact by tan ankerite veinlets. 50 TCA top contact, brecciated bottom contact.							
						LT	TN	PO	HYD	3I		
						LT	GN	FR	CLY	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
347.66	349.65	1.99	BXA	FG	Breccia at quartz feldspar porphyry dyke-granodiorite contact. Clasts are jigsaw, pebbly, quartz feldspar porphyry dyke and granodiorite. Granodiorite is phyllic altered with disseminated pyrite. Main cements are tan ankerite veinlets and smoky quartz veinlets. Brecciation intensity drops near 348.7m. Occasional <1cm clay seams.							
						LT	GN	BX	SIL	1I	Py	2
						LT	TN		HYD	1I		
						DK	GY		CLY	1I		
									PHC	2I		
349.65	349.97	0.32	VEN	CG	Footwall vein. Vein of entirely massive sulphides, dominated by galena. Massive intergrown galena, sphalerite, pyrite, and chalcopyrite. Comb quartz and arsenopyrite along bottom contact. Blebby-interstitial arsenopyrite between massive sulphides. Chalcopyrite mostly near vein margins. Cut by white calcite veinlet.							
						DK	BK	MA			Py	20
											Cp	15
											Sp	15
											Gn	50
											As	1
349.97	360.09	10.12	GRD	MG	Alternating patches of propylitic, phyllic, and argillic with overprinting potassic and clay seams. Moderately fractured, with limited dumortierite on some fractures. Cut by white-cream vuggy carbonate veinlets at 4 per metre frequency.							
									CLY	1I		
						LT	WH		PHC	2I		
						MD	PK		ARG	2I		
						LT	GN	PA	PRO	1I		
						MD	GN	FR	POT	1I		
360.09	361.98	1.89	BXA	FG	Grey quartz cemented breccia with 50% rounded pebble-cobble granodiorite clasts. Clasts are phyllic altered, with somewhat blurred borders due to silicification. Disseminated pyrite in cement and clasts, coarser in clasts.							
						LT	GN		PHC	3I		
						MD	GY	BX	SIL	3I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
361.98	413.61	51.63	GRD	MG	Narrow phyllic-argillic halos on quartz-carbonate veinlets/veins. Dominated by pervasive propylitic with potassic patches. Cut by quartz-carbonate veins at 1-2 per metre frequency.							
						MD	PK	PA	POT	2I		
						MD	GN		PRO	2I		
						LT	GN		PHC	1I		
									ARG	1I		

KL-14-210

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.32	4.32	0	0	0.00	0	--	--	--	
4.32	5.18	0.86	0.74	86	0.00	0	--	2H	3W	
5.18	8.23	3.05	2.79	91	1.75	57	--	4H	2W	
8.23	11.28	3.05	2.81	92	1.81	59	--	4H	2W	
11.28	14.33	3.05	2.78	91	1.90	62	--	3H	3W	
14.33	17.38	3.05	2.86	94	1.97	65	--	3H	2W	
17.38	20.42	3.04	2.92	96	1.87	62	--	4H	2W	
20.42	23.47	3.05	2.82	92	1.45	48	--	2H	2W	
23.47	26.52	3.05	2.94	96	2.63	86	--	3H	2W	
26.52	29.57	3.05	2.97	97	2.57	84	--	3H	2W	
29.57	32.61	3.04	2.99	98	2.32	76	--	3H	3W	
32.61	35.66	3.05	3.03	99	2.60	85	--	4H	2W	
35.66	38.71	3.05	2.97	97	2.18	71	--	4H	2W	
38.71	41.76	3.05	2.86	94	2.11	69	--	3H	2W	
41.76	44.81	3.05	3.02	99	2.58	85	--	4H	2W	
44.81	47.85	3.04	3.04	100	2.73	90	--	4H	2W	
47.85	50.90	3.05	2.98	98	2.71	89	--	3H	2W	
50.90	53.95	3.05	3.05	100	2.83	93	--	4H	2W	
53.95	57.00	3.05	2.97	97	2.72	89	--	4H	2W	
57.00	60.05	3.05	3.05	100	2.75	90	--	4H	1W	
60.05	63.09	3.04	3.04	100	2.79	92	--	4H	2W	
63.09	66.14	3.05	2.99	98	2.80	92	--	4H	1W	
66.14	69.19	3.05	3	98	2.71	89	--	4H	1W	
69.19	72.24	3.05	3.03	99	2.70	89	--	4H	1W	
72.24	75.29	3.05	2.99	98	2.33	76	--	4H	1W	
75.29	78.33	3.04	3.02	99	2.87	94	--	4H	1W	
78.33	81.38	3.05	3.01	99	2.74	90	--	4H	1W	
81.38	84.43	3.05	3.05	100	2.88	94	--	4H	1W	
84.43	87.48	3.05	2.99	98	2.79	91	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.9	95	2.48	81	--	4H	1W	
90.53	93.57	3.04	2.93	96	2.38	78	--	4H	1W	
93.57	96.62	3.05	3	98	1.87	61	--	4H	1W	
96.62	99.67	3.05	2.91	95	2.25	74	--	4H	1W	
99.67	102.72	3.05	3.05	100	2.18	71	--	4H	1W	
102.72	105.77	3.05	2.98	98	2.19	72	--	4H	1W	
105.77	108.81	3.04	2.92	96	2.43	80	--	4H	1W	
108.81	111.86	3.05	3.02	99	2.83	93	--	4H	1W	
111.86	114.91	3.05	2.92	96	2.82	92	--	4H	1W	
114.91	117.96	3.05	3.05	100	2.47	81	--	4H	1W	
117.96	121.01	3.05	3	98	2.52	83	--	4H	1W	
121.01	124.05	3.04	2.98	98	2.32	76	--	4H	1W	
124.05	127.10	3.05	3.02	99	1.97	65	--	4H	1W	
127.10	130.15	3.05	2.79	91	0.40	13	--	4H	1W	
130.15	133.20	3.05	2.88	94	0.43	14	--	4H	1W	
133.20	136.25	3.05	3.04	100	1.71	56	--	4H	1W	
136.25	139.29	3.04	2.82	93	0.40	13	--	4H	1W	
139.29	142.34	3.05	2.83	93	2.02	66	--	4H	1W	
142.34	145.39	3.05	3.05	100	2.23	73	--	3H	1W	
145.39	148.44	3.05	2.98	98	2.59	85	--	3H	1W	
148.44	151.49	3.05	2.8	92	1.81	59	--	4H	1W	
151.49	154.53	3.04	2.92	96	1.83	60	--	3H	1W	
154.53	157.58	3.05	2.91	95	1.87	61	--	4H	1W	
157.58	160.63	3.05	3.04	100	2.69	88	--	3H	1W	
160.63	163.68	3.05	2.98	98	2.09	69	--	3H	1W	
163.68	166.73	3.05	2.9	95	1.61	53	--	3H	1W	
166.73	169.78	3.05	3.05	100	2.45	80	--	4H	1W	
169.78	172.83	3.05	2.83	93	1.43	47	--	3H	1W	
172.83	175.87	3.04	2.81	92	1.85	61	--	4H	1W	
175.87	178.92	3.05	2.88	94	1.98	65	--	4H	1W	
178.92	181.96	3.04	3.04	100	1.69	56	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.96	185.01	3.05	3.04	100	2.24	73	--	3H	1W	
185.01	188.06	3.05	3.01	99	2.13	70	--	3H	1W	
188.06	191.11	3.05	2.95	97	2.92	96	--	3H	1W	
191.11	194.16	3.05	3.05	100	1.44	47	--	3H	1W	
194.16	197.21	3.05	2.88	94	2.36	77	--	4H	1W	
197.21	200.25	3.04	3.04	100	3.00	99	--	4H	1W	
200.25	203.30	3.05	3.03	99	2.95	97	--	4H	1W	
203.30	206.35	3.05	3.05	100	3.05	100	--	4H	1W	
206.35	209.40	3.05	2.91	95	2.82	92	--	4H	1W	
209.40	212.45	3.05	3	98	2.52	83	--	4H	1W	
212.45	215.49	3.04	2.95	97	2.93	96	--	4H	1W	
215.49	218.54	3.05	3.02	99	2.58	85	--	4H	1W	
218.54	221.59	3.05	3.01	99	0.93	30	--	4H	1W	
221.59	224.64	3.05	3.05	100	2.61	86	--	4H	1W	
224.64	227.69	3.05	2.99	98	2.72	89	--	4H	1W	
227.69	230.73	3.04	3.04	100	1.68	55	--	4H	1W	
230.73	233.78	3.05	3	98	1.68	55	--	4H	1W	
233.78	236.83	3.05	3.04	100	2.54	83	--	4H	1W	
236.83	239.88	3.05	3.05	100	2.19	72	--	4H	1W	
239.88	242.93	3.05	3	98	2.89	95	--	4H	1W	
242.93	245.97	3.04	3.04	100	2.73	90	--	4H	1W	
245.97	249.02	3.05	2.91	95	1.97	65	--	4H	1W	
249.02	252.07	3.05	3	98	2.89	95	--	3H	1W	
252.07	255.12	3.05	3.01	99	2.95	97	--	4H	1W	
255.12	258.17	3.05	2.95	97	2.42	79	--	4H	1W	
258.17	261.21	3.04	2.97	98	2.37	78	--	4H	1W	
261.21	264.25	3.04	3.01	99	2.73	90	--	4H	1W	
264.25	267.31	3.06	2.96	97	2.70	88	--	4H	1W	
267.31	270.36	3.05	3.05	100	1.85	61	--	4H	1W	
270.36	273.41	3.05	2.9	95	1.94	64	--	4H	1W	
273.41	276.45	3.04	3.01	99	2.40	79	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.45	279.50	3.05	3.05	100	2.34	77	--	3H	1W	
279.50	282.55	3.05	3.04	100	2.12	70	--	3H	1W	
282.55	285.60	3.05	3.05	100	1.96	64	--	3H	1W	
285.60	288.65	3.05	2.93	96	0.36	12	--	3H	1W	
288.65	291.69	3.04	3.04	100	1.29	42	--	2H	1W	
291.69	294.74	3.05	2.91	95	2.14	70	--	3H	1W	
294.74	297.79	3.05	2.96	97	1.19	39	--	2H	1W	
297.79	300.84	3.05	3	98	2.14	70	--	3H	1W	
300.84	303.89	3.05	3.05	100	2.98	98	--	3H	1W	
303.89	306.93	3.04	3.03	100	2.30	76	--	3H	1W	
306.93	309.98	3.05	3.03	99	2.65	87	--	3H	1W	
309.98	313.03	3.05	3.05	100	2.67	88	--	4H	1W	
313.03	316.08	3.05	2.97	97	2.94	96	--	3H	1W	
316.08	319.13	3.05	2.96	97	2.84	93	--	3H	1W	
319.13	322.17	3.04	3	99	2.44	80	--	3H	1W	
322.17	325.22	3.05	3.02	99	2.79	91	--	4H	1W	
325.22	328.27	3.05	3.05	100	2.90	95	--	3H	1W	
328.27	331.32	3.05	3	98	2.91	95	--	3H	1W	
331.32	334.37	3.05	2.98	98	2.63	86	--	3H	1W	
334.37	337.41	3.04	2.97	98	1.45	48	--	3H	1W	
337.41	340.46	3.05	2.99	98	2.52	83	--	3H	1W	
340.46	343.51	3.05	2.95	97	1.78	58	--	3H	1W	
343.51	346.56	3.05	2.62	86	0.00	0	--	2H	1W	
346.56	349.61	3.05	2.77	91	0.70	23	--	3H	1W	
349.61	352.65	3.04	2.91	96	0.69	23	--	3H	1W	
352.65	355.70	3.05	2.57	84	0.33	11	--	2H	1W	
355.70	358.75	3.05	2.78	91	1.03	34	--	3H	1W	
358.75	361.80	3.05	3.05	100	2.64	87	--	3H	1W	
361.80	364.85	3.05	3.03	99	2.00	66	--	3H	1W	
364.85	367.89	3.04	3.04	100	2.60	86	--	4H	1W	
367.89	370.94	3.05	3.02	99	2.45	80	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
370.94	373.99	3.05	2.95	97	2.30	75	--	4H	1W	
373.99	377.04	3.05	2.99	98	0.49	16	--	3H	1W	
377.04	380.09	3.05	3.05	100	2.18	71	--	3H	1W	
380.09	383.13	3.04	2.9	95	1.43	47	--	4H	1W	
383.13	386.18	3.05	2.83	93	1.67	55	--	4H	1W	
386.18	389.23	3.05	2.8	92	0.69	23	--	2H	1W	
389.23	392.28	3.05	2.93	96	1.77	58	--	4H	1W	
392.28	395.33	3.05	2.91	95	1.44	47	--	4H	1W	
395.33	398.37	3.04	2.91	96	1.70	56	--	4H	1W	
398.37	401.42	3.05	2.97	97	1.53	50	--	3H	1W	
401.42	404.47	3.05	2.35	77	0.23	8	--	4H	1W	
404.47	407.52	3.05	2.87	94	1.35	44	--	3H	1W	
407.52	410.57	3.05	2.83	93	1.15	38	--	4H	1W	
410.57	413.61	3.04	3.04	100	2.19	72	--	3H	1W	

KL-14-210

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.675	GRD	
6	16.2	GRD	
7	14.1	GRD	
8	15.4	GRD	
9	16.6	GRD	
10	17.4	GRD	
11	2.45	GRD	
12	0.745	GRD	
13	9.94	GRD	
14	16.4	GRD	
15	17.4	GRD	
16	2.43	GRD	
17	0.854	GRD	
18	17.5	GRD	
19	15.4	GRD	
20	18.5	GRD	
21	18.1	GRD	
22	0.584	GRD	
23	0.356	GRD	
24	0.489	GRD	
25	4.58	GRD	
26	5.11	GRD	
27	0.674	GRD	
28	11.5	GRD	
29	0.591	GRD	
30	0.283	GRD	
31	0.596	GRD	
32	0.591	GRD	
33	0.989	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	6.42	GRD	
35	0.912	GRD	
36	2.05	GRD	
37	0.551	GRD	
38	16.9	GRD	
39	0.422	GRD	
40	0.389	GRD	
41	0.323	GRD	
42	6.98	GRD	
43	0.266	GRD	
44	0.337	GRD	
45	10.7	GRD	
46	2.4	GRD	
47	6.98	GRD	
48	0.357	GRD	
49	0.266	GRD	
50	0.35	GRD	
51	22.3	GRD	
52	20.3	GRD	
53	19.9	GRD	
54	19.3	GRD	
55	17.8	GRD	
56	17.2	GRD	
57	19.5	GRD	
58	17.1	GRD	
59	17.1	GRD	
60	14.8	GRD	
61	15.8	GRD	
62	19.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	20.2	GRD	
64	21	GRD	
65	18.6	GRD	
66	21.6	GRD	
67	18.5	GRD	
68	18.5	GRD	
69	20.9	GRD	
70	19.9	GRD	
71	17.1	GRD	
72	16.5	GRD	
73	19	GRD	
74	21.6	GRD	
75	21	GRD	
76	23.8	GRD	
77	23.7	GRD	
78	23	GRD	
79	19.6	GRD	
80	21.9	GRD	
81	26.2	GRD	
82	24.7	GRD	
83	23.3	GRD	
84	21.9	GRD	
85	1.04	GRD	
86	1.55	GRD	
87	8.44	GRD	
88	0.954	GRD	
89	18.5	GRD	
90	23.6	GRD	
91	20.1	GRD	
92	21.7	GRD	
93	0.833	GRD	
94	2.03	GRD	
95	11.8	GRD	
96	15.4	GRD	
97	14.9	GRD	
98	0.641	GRD	
99	21	GRD	
100	19.2	GRD	
101	22.4	GRD	
102	7.25	GRD	
103	2.03	GRD	
104	0.526	GRD	
105	17.7	GRD	
106	20	GRD	
107	18.8	GRD	
108	17.7	GRD	
109	18.4	GRD	
110	20.3	GRD	
111	21.4	GRD	
112	17.5	GRD	
113	19.1	GRD	
114	20.1	GRD	
115	19.5	GRD	
116	18.2	GRD	
117	19.4	GRD	
118	18.5	GRD	
119	17.5	GRD	
120	16.1	GRD	
121	18.1	GRD	
122	16.7	GRD	
123	13.9	GRD	
124	18.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	17.6	GRD	
126	16.5	GRD	
127	10.8	GRD	
128	14.8	GRD	
129	18.2	GRD	
130	16.8	GRD	
131	16.6	GRD	
132	21	GRD	
133	8.05	GRD	
134	21.4	GRD	
135	4.13	GRD	
136	0.572	GRD	
137	8.98	GRD	
138	23.5	GRD	
139	5.27	GRD	
140	19.4	GRD	
141	32.9	GRD	
142	22	GRD	
143	3.3	GRD	
144	1	GRD	
145	0.252	GRD	
146	0.485	GRD	
147	0.21	GRD	
148	0.901	GRD	
149	15.3	GRD	
150	1.56	GRD	
151	10.1	GRD	
152	18.9	GRD	
153	0.582	GRD	
154	15.4	GRD	
155	0.684	GRD	
156	5.68	GRD	
157	11.1	GRD	
158	6.39	GRD	
159	1.74	GRD	
160	1.09	GRD	
161	0.59	GRD	
162	0.235	GRD	
163	0.306	GRD	
164	0.382	GRD	
165	0.4	GRD	
166	0.277	GRD	
167	2.46	GRD	
168	6.51	GRD	
169	16.2	GRD	
170	0.767	GRD	
171	0.6	GRD	
172	10.8	GRD	
173	24.6	GRD	
174	17.3	GRD	
175	23.4	GRD	
176	21.8	GRD	
177	14.1	GRD	
178	21.7	GRD	
179	25.7	GRD	
180	2.46	GRD	
181	0.674	GRD	
182	1.09	GRD	
183	32.7	GRD	
184	25.6	GRD	
185	0.901	GRD	
186	0.581	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
187	0.318	GRD	
188	0.966	GRD	
189	0.415	GRD	
190	0.483	GRD	
191	0.576	GRD	
192	2.62	GRD	
193	1.6	GRD	
194	9.04	GRD	
195	16.1	GRD	
196	15.6	GRD	
197	1.06	GRD	
198	0.367	GRD	
199	0.944	GRD	
200	19.8	GRD	
201	3.59	GRD	
202	23.6	GRD	
203	24.3	GRD	
204	20.4	GRD	
205	18.1	GRD	
206	21.2	GRD	
207	18.7	GRD	
208	18	GRD	
209	10.6	GRD	
210	4.26	GRD	
211	9.89	GRD	
212	16.5	GRD	
213	0.394	GRD	
214	0.405	GRD	
215	29.7	GRD	
216	21.3	GRD	
217	14.7	GRD	
218	15.7	GRD	
219	0.993	GRD	
220	13.9	GRD	
221	19.4	GRD	
222	24.8	GRD	
223	0.785	GRD	
224	32.4	GRD	
225	12.3	GRD	
226	33.4	GRD	
227	26.3	GRD	
228	32	GRD	
229	26.9	GRD	
230	26.8	GRD	
231	0.913	GRD	
232	0.736	GRD	
233	12.8	GRD	
234	22.3	GRD	
235	13.9	GRD	
236	0.37	GRD	
237	0.363	GRD	
238	0.279	GRD	
239	0.575	GRD	
240	6.47	GRD	
241	0.488	GRD	
242	3.3	GRD	
243	18.8	GRD	
244	19.7	GRD	
245	20.8	GRD	
246	23.2	GRD	
247	6.79	GRD	
248	32.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
249	18.5	GRD	
250	30.7	GRD	
251	19.5	GRD	
252	55.7	GRD	
253	54	GRD	
254	26.4	GRD	
255	19.8	GRD	
256	20.4	GRD	
257	5.48	GRD	
258	31.8	GRD	
259	8.33	GRD	
260	34.7	GRD	
261	35.8	GRD	
262	24	GRD	
263	30.6	GRD	
264	28.8	GRD	
265	22.2	GRD	
266	25.2	GRD	
267	25	GRD	
268	23.5	GRD	
269	25	GRD	
270	20.6	GRD	
271	13.7	GRD	
272	4.11	GRD	
273	33.4	GRD	
274	18.9	GRD	
275	18.9	GRD	
276	10.3	GRD	
277	0.451	GRD	
278	0.345	GRD	
279	0.514	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
280	0.424	QFP	
281	0.363	QFP	
282	0.254	QFP	
283	0.318	QFP	
284	0.33	QFP	
285	0.348	QFP	
286	0.44	BXA	
287	0.258	QFP	
288	0.3	QFP	
289	0.23	QFP	
290	0.283	QFP	
291	0.227	QFP	
292	0.274	BXA	
293	0.168	GRD	
294	0.363	GRD	
295	0.372	GRD	
296	0.482	GRD	
297	16.8	GRD	
298	10.6	GRD	
299	4.39	GRD	
300	7.39	GRD	
301	0.949	GRD	
302	0.517	GRD	
303	5.1	GRD	
304	0.641	BXA	
305	0.361	QFP	
306	3.09	GRD	
307	0.354	GRD	
308	21.7	GRD	
309	18.9	GRD	
310	20.9	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
311	23	GRD	
312	7.98	GRD	
313	17.5	GRD	
314	0.564	GRD	
315	5.92	GRD	
316	0.402	GRD	
317	4.99	GRD	
318	0.603	GRD	
319	0.202	GRD	
320	0.362	GRD	
321	5	GRD	
322	0.577	GRD	
323	0.295	GRD	
324	2.19	GRD	
325	0.315	GRD	
326	0.331	GRD	
327	0.281	GRD	
328	12.2	GRD	
329	12.5	GRD	
330	3.05	GRD	
331	2.77	GRD	
332	0.411	GRD	
333	0.158	GRD	
334	0.252	GRD	
335	0.463	GRD	
336	0.384	GRD	
337	0.23	GRD	
338	0.178	GRD	
339	0.331	GRD	
340	0.218	QFP	
341	0.231	QFP	
342	0.231	QFP	
343	0.28	QFP	
344	0.182	QFP	
345	0.279	QFP	
346	0.196	QFP	
347	0.174	QFP	
348	0.323	BXA	
349	0.212	BXA	
350	0.103	GRD	
351	0.146	GRD	
352	0.301	GRD	
353	0.155	GRD	
354	0.38	GRD	
355	5.34	GRD	
356	0.517	GRD	
357	0.232	GRD	
358	0.319	GRD	
359	0.196	GRD	
360	0.279	GRD	
361	0.164	BXA	
362	0.306	GRD	
363	10.3	GRD	
364	4.21	GRD	
365	1.73	GRD	
366	1.31	GRD	
367	14.8	GRD	
368	0.701	GRD	
369	0.435	GRD	
370	7.81	GRD	
371	10.65	GRD	
372	7.581	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
373	0.211	GRD	
374	12.21	GRD	
375	7.24	GRD	
376	20.26	GRD	
377	13.84	GRD	
378	6.092	GRD	
379	16.06	GRD	
380	9.929	GRD	
381	5.442	GRD	
382	0.495	GRD	
383	7.22	GRD	
384	18.6	GRD	
385	20	GRD	
386	4.01	GRD	
387	6.441	GRD	
388	15.8	GRD	
389	15.28	GRD	
390	9.62	GRD	
391	15.2	GRD	
392	22	GRD	
393	21.3	GRD	
394	11.75	GRD	
395	19.3	GRD	
396	16.1	GRD	
397	19.5	GRD	
398	1.74	GRD	
399	14.4	GRD	
400	0.582	GRD	
401	0.503	GRD	
402	0.3	GRD	
403	13.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
404	9.94	GRD	
405	18.5	GRD	
406	23.6	GRD	
407	0.396	GRD	
408	23.5	GRD	
409	2.23	GRD	
410	6.68	GRD	
411	0.396	GRD	
412	0.198	GRD	
413	0.901	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382600	6889403	1425.24	102.72

ZONE: Central BRX

SECTION:

HOLE: KL-14-211

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Aug 09 - Aug 09, 2014

Geology Logged By: H. Friday

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	38	-50.8	Reflex
99.66	38	-51	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2	2	CAS
2	32.7	30.7	GRD
32.7	59.47	26.77	GRD
59.47	60.74	1.27	GRD
60.74	61.67	0.93	GRD
61.67	62.27	0.6	QFP
62.27	64.51	2.24	GRD
64.51	66.3	1.79	GRD
66.3	77.5	11.2	GRD
77.5	86.41	8.91	GRD
86.41	102.72	16.31	GRD

SAMPLES	
Numbers:	Q927911 to Q927923, Q934347 to Q934399
Total:	69
Batch:	144, 147, 156
Certificates:	WH14119110, WH14119114, WH14121949

COMMENTS

Box Log

KL-14-211

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2	5.88
2	5.88	10.15
3	10.15	14.33
4	14.33	18.59
5	18.59	22.67
6	22.67	26.99
7	26.99	31.29
8	31.29	35.34
9	35.34	39.58
10	39.58	43.84
11	43.84	47.96
12	47.96	52.09
13	52.09	56.23
14	56.23	59.88
15	59.88	63.86
16	63.86	68.15
17	68.15	72.56
18	72.56	76.86
19	76.86	80.96
20	80.96	85.33
21	85.33	89.37
22	89.37	93.57
23	93.57	97.9
24	97.9	102.19
25	102.19	102.72

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.00	7.96	5.96	GRD	MG	Primarily unaltered granodiorite with local phyllic and argillic zones surrounding veinlet/vein. Weak oxidation primarily on fractures.							
						MD	GY	MA	OXI	2I		
									PHC	1I		
									ARG	1I		
7.96	11.77	3.81	GRD	MG	Heavily oxidized phyllic, argillic, and silicified granodiorite. Local patches of unaltered granodiorite with less pervasive oxidation. Oxidation through entire core. Local carbonate and quartz stringers throughout.							
						MD	GN	MA	OXI	4I	Py	0.1
						LT	BN		PHC	4I		
									ARG	3I		
									SIL	2I		
11.77	15.68	3.91	GRD	MG	Primarily unaltered granodiorite with local phyllic and argillic zones surrounding veinlet/vein. Weak oxidation primarily on fractures.							
						MD	GY	MA	OXI	2I		
									PHC	1I		
									ARG	1I		
18.17	32.70	14.53	GRD	MG	Primarily unaltered granodiorite with local phyllic and argillic zones surrounding veinlet/vein. Weak oxidation primarily on fractures.							
						MD	GY	MA	OXI	2I		
									PHC	1I		
									ARG	1I		
32.70	41.95	9.25	GRD	MG	Heavily phyllic, propylitic, and silicified granodiorite with local patchy argillic. Quartz-tourmaline vein/veinlets throughout-surrounding veinlets is disseminated tourmaline in granodiorite. Silicified granodiorite band at 36.51-36.80m, obliterating granodiorite textures. Blebby pyrite throughout. Local oxidation on fractures.							
						MD	GN	MA	OXI	1I	To	5
						DK	GY		PHC	5I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	2I		
									PRO	3I		
									SIL	4I		
41.95	44.81	2.86	GRD	MG	Strongly oxidized phyllic granodiorite. Patchy argillic. Locally silicified. Tan to white carbonate stringers throughout. Unmineralized. Local quartz-tourmaline veinlets. Disseminated tourmaline surrounding. Locally hosts disseminated pyrite.							
						LT	GN	MA	OXI	3I	To	1
						LT	BN		PHC	5I	Py	0.1
									ARG	2I		
									SIL	3I		
44.81	59.47	14.66	GRD	MG	Patchy phyllic, argillic, propylitic, and silicified granodiorite with locally fresh granodiorite. Weak-moderate oxdiation. Disseminated tourmaline in phyllic intervals. Local zones of clay gouge. Carbonate stringers throughout (unmineralized).							
						MD	GN	MA	OXI	3I	To	2
						LT	GY		PHC	3I	Py	0.1
						LT	BN		PRO	2I		
									SIL	3I		
									CLY	3I		
									ARG	2I		
59.47	60.74	1.27	GRD	MG	Heavily phyllic and silicified granodiorite hosting disseminated to slightly banded pyrite throughout. Local sphalerite. Local mineralized gouge seams throughout.							
						MD	GY	MA	CLY	2I	Py	10
						MD	GN				Sp	0.1
60.74	61.67	0.93	GRD	MG	Extremely clay altered granodiorite with phyllic alteration. Majority of interval is gougey-crumbly granodiorite. Clay-sulphide bands throughout. Disseminated-banded pyrite throughout. Pervasive smoky quartz grains seen throughout gouge. Pyrite mainly, local sphalerite.							
						MD	GY	MA	CLY	4I	Py	10
						LT	GY				Sp	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
61.67	62.27	0.60	QFP	FG	Heavily clay altered quartz feldspar porphyry dyke. Carbonate stringers seen locally throughout. Unmineralized.							
						LT	GY	PO	CLY	4I		
						LT	GN					
62.27	64.51	2.24	GRD	MG	Extremely clay altered granodiorite with phyllic alteration. Majority of interval is gougey-crumbly granodiorite. Clay-sulphide bands throughout. Disseminated-banded pyrite throughout. Pervasive smoky quartz grains seen throughout gouge. Pyrite mainly, local sphalerite.							
						MD	GY	MA	CLY	4I	Py	10
						LT	GY				Sp	0.1
											Gn	0.1
											To	1
64.51	66.30	1.79	GRD	MG	Heavily phyllic and silicified granodiorite. Very minor clay alteration. Disseminated-blebby pyrite throughout, and local sphalerite. Galena seen in quartz-carbonate vein at contact. Quartz-carbonate veins and veinlets seen throughout. Contact between gouged granodiorite and phyllic granodiorite. Has an 11cm clay altered quartz feldspar porphyry dyke.							
						MD	GN	MA	CLY	1I	Py	5
						MD	GY		SIL	3I	Gn	0.1
									PHC	4I	Sp	1
66.30	69.84	3.54	GRD	MG	Primarily unaltered granodiorite with patchy phyllic and argillic alteration halos. Small quartz-carbonate veinlets seen throughout. Typically unmineralized.							
						MD	GY	MA	PHC	3I	Py	1
									ARG	2I		
69.84	71.51	1.67	GRD	MG	Phyllic and weakly silicified granodiorite. Hosting quartz veinlet with blebby pyrite and quartz-carbonate veins/veinlets hosting pyrite.							
						MD	GN	MA	PHC	4I	Py	2
						LT	GN		SIL	2I		
71.51	77.50	5.99	GRD	MG	Primarily unaltered granodiorite with patchy phyllic and argillic alteration halos. Small quartz-carbonate veinlets seen throughout. Typically unmineralized.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	MA	PHC	3I	Py	1
									ARG	2I		
77.50	77.72	0.22	GRD	MG	Moderately-intensly phyllic altered granodiorite with local silicification and local clay alteration. Local disseminated pyrite throughout interval with more surrounding veins. Weak oxidation on fractures. Clay and carbonate veinlets throughout.							
						MD	GN		OXI	2I		
						LT	GY		PHC	4I		
									SIL	3I		
									CLY	2I		
77.72	78.63	0.91	GRD	MG	Very clay altered gougey phyllic granodiorite. Gouge is oxidized. Carbonate stringers throughout.							
						LT	GY		CLY	3I		
						LT	BN		PHC	3I		
						LT	GN					
78.63	85.83	7.20	GRD	MG	Moderately-intensly phyllic altered granodiorite with local silicification and local clay alteration. Local disseminated pyrite throughout interval with more surrounding veins. Weak oxidation on fractures. Clay and carbonate veinlets throughout.							
						MD	GN		PHC	4I	Py	5
						LT	GY		SIL	3I		
									CLY	2I		
85.83	86.04	0.21	GRD	MG	Semi-massive sulphide banding in phyllic (with carbonate veinlets/stringers throughout), silicified, and moderately clay altered granodiorite. Quartz grains throughout.							
						DK	GY	BN	CLY	3I	Py	5
						DK	GN		PHC	4I	Gn	3
											Sp	3
									SIL	4I	As	2
86.04	86.41	0.37	GRD	MG	Moderately-intensly phyllic altered granodiorite with local silicification and local clay alteration. Local disseminated pyrite throughout interval with more surrounding veins. Weak oxidation on fractures. Clay and carbonate veinlets throughout.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		OXI	2I	Py	5
						LT	GY		PHC	4I	Gn	1
									SIL	3I	As	1
									CLY	2I	Sp	1
86.41	102.72	16.31	GRD	MG	Primarily unaltered granodiorite with local argillic and very weak phyllic halos.							
						MD	GY		ARG	3I		
									PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.00	32.70	30.70	GRD	MG	Primarily unaltered granodiorite with local phyllic and argillic zones surrounding veinlet/vein. Weak oxidation primarily on fractures.							
									PHC	1I		
									ARG	1I		
						MD	GY	MA	OXI	2I		
32.70	59.47	26.77	GRD	MG	Patchy phyllic, argillic, propylitic, and silicified granodiorite with locally fresh granodiorite. Weak-moderate oxdiation. Disseminated tourmaline in phyllic intervals. Local zones of clay gouge. Carbonate stringers throughout (unmineralized).							
						MD	GN	MA	OXI	3I	To	2
						LT	GY		PHC	3I	Py	0.1
						LT	BN		PRO	2I		
									ARG	2I		
									SIL	3I		
									CLY	3I		
59.47	60.74	1.27	GRD	MG	Heavily phyllic and silicified granodiorite hosting disseminated to slightly banded pyrite throughout. Local sphalerite. Local mineralized gouge seams throughout.							
						MD	GY	MA	CLY	2I	Py	10
						MD	GN				Sp	0.1
60.74	61.67	0.93	GRD	MG	Extremely clay altered granodiorite with phyllic alteration. Majority of interval is gougey-crumbly granodiorite. Clay-sulphide bands throughout. Disseminated-banded pyrite throughout. Pervasive smoky quartz grains seen throughout gouge. Pyrite mainly, local sphalerite.							
						MD	GY	MA	CLY	4I	Py	10
						LT	GY				Sp	1
61.67	62.27	0.60	QFP	FG	Heavily clay altered quartz feldspar porphyry dyke. Carbonate stringers seen locally throughout. Unmineralized.							
						LT	GN					
						LT	GY	PO	CLY	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
62.27	64.51	2.24	GRD	MG	Extremely clay altered granodiorite with phyllic alteration. Majority of interval is gougey-crumbly granodiorite. Clay-sulphide bands throughout. Disseminated-banded pyrite throughout. Pervasive smoky quartz grains seen throughout gouge. Pyrite mainly, local sphalerite.							
						LT	GY				Sp	0.1
											Gn	0.1
											To	1
						MD	GY	MA	CLY	4I	Py	10
64.51	66.30	1.79	GRD	MG	Heavily phyllic and silicified granodiorite. Very minor clay alteration. Disseminated-blebby pyrite throughout, and local sphalerite. Galena seen in quartz-carbonate vein at contact. Quartz-carbonate veins and veinlets seen throughout. Contact between gouged granodiorite and phyllic granodiorite. Has an 11cm clay altered quartz feldspar porphyry dyke.							
						MD	GN	MA	CLY	1I	Py	5
						MD	GY		SIL	3I	Gn	0.1
									PHC	4I	Sp	1
66.30	77.50	11.20	GRD	MG	Primarily unaltered granodiorite with patchy phyllic and argillic alteration halos. Small quartz-carbonate veinlets seen throughout. Typically unmineralized.							
						MD	GY	MA	PHC	3I	Py	1
									ARG	2I		
77.50	86.41	8.91	GRD	MG	Moderately-intensly phyllic altered granodiorite with local silicification and local clay alteration. Local disseminated pyrite throughout interval with more surrounding veins. Weak oxidation on fractures. Clay and carbonate veinlets throughout.							
						MD	GN		PHC	4I	Py	5
						LT	GY		SIL	3I	Gn	1
									CLY	2I	As	1
											Sp	1
86.41	102.72	16.31	GRD	MG	Primarily unaltered granodiorite with local argillic and very weak phyllic halos.							
									PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	MA	ARG	3I		

KL-14-211

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.00	2.00	0	0	0.00	0	--	--	--	Casing
2.00	5.18	3.18	3.18	100	1.65	52	--	4H	3W	
5.18	8.23	3.05	2.87	94	1.62	53	--	4H	3W	
8.23	11.28	3.05	2.95	97	0.69	23	--	3H	3W	
11.28	14.33	3.05	2.86	94	1.90	62	--	4H	2W	
14.33	17.37	3.04	3.01	99	2.34	77	--	4H	2W	
17.37	20.42	3.05	3.05	100	1.90	62	--	4H	2W	
20.42	23.47	3.05	3.05	100	1.41	46	--	4H	2W	
23.47	26.52	3.05	2.97	97	2.24	73	--	4H	2W	
26.52	29.57	3.05	2.99	98	2.36	77	--	4H	2W	
29.57	32.61	3.04	3.04	100	2.35	77	--	4H	2W	
32.61	35.66	3.05	2.98	98	1.12	37	--	4H	2W	
35.66	38.71	3.05	3.04	100	2.10	69	--	5H	2W	
38.71	41.76	3.05	3.05	100	2.43	80	--	4H	2W	
41.76	44.81	3.05	2.94	96	0.94	31	--	3H	3W	
44.81	47.85	3.04	3.01	99	1.65	54	--	4H	2W	
47.85	50.90	3.05	2.79	91	0.00	0	--	3H	2W	
50.90	53.95	3.05	2.9	95	1.27	42	--	4H	2W	
53.95	57.00	3.05	2.85	93	1.05	34	--	4H	2W	
57.00	60.05	3.05	3.05	100	1.29	42	--	3H	1W	
60.05	63.09	3.04	2.95	97	0.34	11	--	2H	1W	
63.09	66.14	3.05	2.98	98	2.05	67	--	4H	1W	
66.14	69.19	3.05	3.05	100	2.43	80	--	4H	1W	
69.19	72.24	3.05	2.94	96	2.09	69	--	5H	1W	
72.24	75.29	3.05	3.01	99	1.61	53	--	4H	2W	
75.29	78.33	3.04	3.04	100	2.22	73	--	4H	2W	
78.33	81.38	3.05	3.05	100	1.64	54	--	4H	2W	
81.38	84.43	3.05	3.01	99	1.77	58	--	4H	2W	
84.43	87.48	3.05	3.04	100	1.91	63	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.94	96	2.40	79	--	4H	2W	
90.53	93.57	3.04	3.04	100	2.17	71	--	4H	1W	
93.57	96.62	3.05	2.98	98	2.17	71	--	4H	1W	
96.62	99.67	3.05	3	98	2.40	79	--	4H	1W	
99.67	102.72	3.05	2.92	96	2.67	88	--	4H	1W	

KL-14-211

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	14.3	CAS	
2	14.3	GRD	
3	15.9	GRD	
4	18.1	GRD	
5	10	GRD	
6	0.522	GRD	
7	17.5	GRD	
8	2.78	GRD	
9	0.678	GRD	
10	20	GRD	
11	8.76	GRD	
12	10.3	GRD	
13	0.488	GRD	
14	15	GRD	
15	18.8	GRD	
16	0.603	GRD	
17	0.367	GRD	
18	0.458	GRD	
19	20.4	GRD	
20	0.816	GRD	
21	22.9	GRD	
22	22.1	GRD	
23	4.98	GRD	
24	17.6	GRD	
25	21.9	GRD	
26	18.5	GRD	
27	0.598	GRD	
28	17.5	GRD	
29	32.7	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
30	23.4	GRD	
31	9.65	GRD	
32	11.64	GRD	
33	0.237	GRD	
34	0.513	GRD	
35	1.01	GRD	
36	0.414	GRD	
37	0.269	GRD	
38	0.954	GRD	
39	10.3	GRD	
40	0.276	GRD	
41	0.395	GRD	
42	0.306	GRD	
43	0.631	GRD	
44	0.363	GRD	
45	0.339	GRD	
46	0.625	GRD	
48	0.327	GRD	
49	0.419	GRD	
50	0.335	GRD	
51	0.284	GRD	
52	0.235	GRD	
53	3.23	GRD	
54	0.389	GRD	
55	1.2	GRD	
56	6.36	GRD	
57	4.79	GRD	
58	0.401	GRD	
59	0.619	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	0.366	GRD	
61	0.144	GRD	
62	0.215	QFP	
63	0.435	GRD	
64	0.372	GRD	
65	0.351	GRD	
66	0.37	GRD	
67	0.469	GRD	
67	0.479	GRD	
68	0.857	GRD	
69	5.3	GRD	
70	0.709	GRD	
71	0.494	GRD	
72	10.9	GRD	
73	0.396	GRD	
74	9.9	GRD	
75	9.65	GRD	
76	0.641	GRD	
77	1.33	GRD	
78	0.459	GRD	
79	0.572	GRD	
80	0.327	GRD	
81	0.503	GRD	
82	0.367	GRD	
83	0.189	GRD	
84	0.396	GRD	
85	0.435	GRD	
87	0.286	GRD	
88	3.14	GRD	
89	0.576	GRD	
89	17.4	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
90	0.337	GRD	
91	13.9	GRD	
92	5.7	GRD	
93	16.6	GRD	
94	8.47	GRD	
95	13.8	GRD	
96	21.1	GRD	
97	9.73	GRD	
98	4.61	GRD	
99	0.378	GRD	
100	9.99	GRD	
101	19.7	GRD	
102	20.2	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382388	6890871	1299.99	130.15

ZONE: Western Klaza

SECTION:

HOLE: KL-14-212

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Aug 09 - Aug 09, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	37.2	-48.6	Reflex
130.14	35.1	-49.7	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.51	2.51	CAS
2.51	63.47	60.96	GRD
63.47	65.25	1.78	QFP
65.25	73.33	8.08	GRD
73.33	74.87	1.54	GRD
74.87	75.68	0.81	GRD
75.68	75.99	0.31	VEN
75.99	76.12	0.13	VEN
76.12	76.7	0.58	GRD
76.7	80	3.3	GRD
80	88.92	8.92	GRD
88.92	95.06	6.14	GRD
95.06	99.38	4.32	GRD
99.38	130.15	30.77	GRD

SAMPLES	
Numbers:	Q927924 to Q927931, Q933729 to Q933797
Total:	84
Batch:	146, 148, 149, 156
Certificates:	WH14119111, WH14119115, WH14119117, WH14121949

COMMENTS

Box Log

KL-14-212

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.5	5.41
2	5.41	8.55
3	8.55	11.28
4	11.28	14.17
5	14.17	17
6	17	20.03
7	20.03	22.85
8	22.85	25.45
9	25.45	28.37
10	28.37	32.49
11	32.49	34.71
12	34.71	37.67
13	37.67	40.95
14	40.95	44.25
15	44.25	47.51
16	47.51	50.64
17	50.64	53.75
18	53.75	57
19	57	60.05
20	60.05	63.16
21	63.16	66.43
22	66.43	69.75
23	69.75	72.75
24	72.75	75.9
25	75.9	78.95
26	78.95	82.06
27	82.06	85.26
28	85.26	88.52
29	88.52	91.67
30	91.67	94.82
31	94.82	98.32
32	98.32	101.35
33	101.35	104.42
34	104.42	107.58
35	107.58	110.55
36	110.55	113.51
37	113.51	116.65
38	116.65	119.84
39	119.84	122.97
40	122.97	125.68
41	125.68	129.29
42	129.29	130.15

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-212									
	70.48	18.7	HQ	GRD	1579.2	1005.7	2.89	2.8	Diamictic breccia with cobble strong phyllic altered granodiorite with disseminated pyrite and smoky quartz with pervasive pyrite clasts. Cut by 0.3 centimeter ankerite-calcite veinlent.
	70.68	9.9	HQ	GRD	846.2	555.4	2.92	2.9	Diamictic breccia with coarse sand to cobble moderate phyllic altered granodiorite and mineralized smoky quartz with pervasive pyrite clasts. Cut by 1 centimeter banded tan ankerite-calcite vein with blebby honey brown sphalerite, pyrite and galena.
	75.69		HQ	VEN	137.3		2.75		Black smoky quartz vein with disseminated pyrite.
	76.11	6.5	HQ	VEN	607.8	397.8	3.2	2.9	Strong phyllic altered granodiorite with strong silicification. Cut by pyrite rimmed 1 centimeter smoky quartz vein.
	92.04	10.5	HQ	GRD	1006	651.6	3.28	2.8	Smoky quartz vein offset by multiple generations of calcite stringers and veinlets. 2 centimeter at 3 degrees to core axis. Vein hosting dissemianted pyrite, galena, arsenopyrite and jamesonite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.51	15.65	13.14	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Sporadic patches of weak to moderate argillic alteration, partially rubbly.							
						MD	OR	PA	SIL	3I		
						MD	GY		ARG	2I		
									ARG	3I		
									POT	2I		
									PRO	2I		
15.65	16.17	0.52	GRD	MG	Moderately silicified phyllic envelope around a oxidized quartz, carbonate vein. Phyllic alteration transitions to argillic distally from vein. Pervasive strong oxidation obliterates rock textures.							
						MD	GY		PHC	3I		
						MD	OR		OXI	4I		
						LT	GN	EN	SIL	3I		
16.17	28.18	12.01	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Sporadic patches of weak to moderate argillic alteration, partially rubbly.							
						MD	OR	PA	SIL	3I		
						MD	GY		ARG	2I		
									ARG	3I		
									POT	2I		
									PRO	2I		
28.18	35.23	7.05	GRD	MG	Alternating patches of moderately silicified phyllic alteration and weak potassic/propyllitic overprinted moderate argillic alteration. Phyllic alteration hosts quartz/carbonate veining. Oxidation along fractures and patchy pervasive oxidation.							
						MD	GN		SIL	3I		
						MD	PK		PHC	3I		
						MD	OR		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	OXI	3I		
						LT	WH		POT	2I		
									PRO	2I		
35.23	36.26	1.03	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Sporadic patches of weak to moderate argillic alteration, partially rubbly.							
						MD	OR	PA	SIL	3I		
						MD	GY		ARG	2I		
									ARG	3I		
									POT	2I		
									PRO	2I		
36.26	36.60	0.34	GRD	MG	Moderately silicified phyllic envelope around a oxidized quartz, carbonate vein. Phyllic alteration transitions to argillic distally from vein. Pervasive strong oxidation obliterates rock textures.							
						MD	GY		PHC	3I		
						MD	OR		OXI	4I		
						LT	GN	EN	SIL	3I		
36.60	43.00	6.40	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Sporadic patches of weak to moderate argillic alteration, partially rubbly.							
						MD	OR	PA	SIL	3I		
						MD	GY		ARG	2I		
									ARG	3I		
									POT	2I		
									PRO	2I		
43.00	43.90	0.90	GRD	MG	Moderately silicified phyllic envelope around a oxidized quartz, carbonate vein. Phyllic alteration transitions to argillic distally from vein. Pervasive strong oxidation obliterates rock textures.							
						MD	GY		PHC	3I		
						MD	OR		OXI	4I		
						LT	GN	EN	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
43.90	50.69	6.79	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Sporadic patches of weak to moderate argillic alteration, partially rubbly.							
						MD	OR	PA	SIL	3I		
						MD	GY		ARG	2I		
									ARG	3I		
									POT	2I		
									PRO	2I		
50.69	52.66	1.97	GRD	MG	Moderately silicified phyllic altered granodiorite hosting quartz/sulphide +/- carbonate veins. Has patchy weak potassic alteration.							
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	3I		
									PRO	2I		
52.66	60.46	7.80	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Sporadic patches of weak to moderate argillic alteration, partially rubbly.							
						MD	OR	PA	SIL	3I		
						MD	GY		ARG	2I		
									PRO	2I		
									ARG	3I		
									POT	2I		
60.46	61.46	1.00	GRD	MG	Moderately silicified phyllic altered granodiorite hosting an abundance of quartz/carbonate +/- sulphide veins.							
						LT	GN		SIL	3I		
									PHC	3I		
63.47	65.25	1.78	QFP	FG	Dark red quartz feldspar porphyry dyke with a gradational transition to light tan adjacent to the contact with granodiorite. Upper and lower contacts are sharp and oriented at 60 TCA. Moderate oxidation along fracture surfaces.							
						LT	TN					
						DK	RD	PO	OXI	3I		
65.25	70.14	4.89	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
70.14	71.24	1.10	GRD	MG	Moderately silicified envelope around a quartz breccia.							
						LT	GN	EN	PHC	3I		
									SIL	3I		
71.24	73.33	2.09	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
73.33	74.87	1.54	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration.							
						MD	PK		PHC	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		PRO	2I		
						DK	GN		POT	2I		
									ARG	2I		
74.87	75.68	0.81	GRD	MG	Moderately silicifed moderate to strong phyllic alterat granodiorite hosting dissemianted pyrite and a quartz carbonate sulphide breccia.							
						MD	GN		PHC	4I		
						LT	GN		SIL	3I		
						LT	GY		PHC	3I		
75.68	75.99	0.31	GRD	MG	Smokey quartz vein hosting disseminated pyrite. Disseminated to blebby pyrite along vein margins. Last 4 cm of interval are strongly silicified phyllic altered granodiorite hosting disseminated pyrite.							
											Py	1
75.99	76.12	0.13	GRD	MG	Smokey quartz vein hosting disseminated pyrite, sphalerite, arsenopyrite and pervasive jamesonite mineralization. Honey brown sphalerite is zoned. Smokey quartz is cross-cut by a white carbonate vein (1cm) in the middle of the vein, oriented at 70 TCA. Disseminated to blebby honey brown sphalerite along carbonate vein margins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Py	3
											Sp	5
											As	1
											Jm	8
76.12	76.70	0.58	GRD	MG	Moderately silicified strong phyllic altered granodiorite hosting disseminated pyrite and multiple quartz/sulphide veins and veinlets.							
						MD	GN					
						LT	GN		PHC	4I		
						LT	GY		SIL	3I	Py	1
76.70	80.00	3.30	GRD	MG	Alternating moderate potassic overprinted argillic alteration and silicified weak to moderate potassic/propyllitic alteration.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		POT	2I		
									PRO	2I		
									PRO	3I		
									SIL	3I		
80.00	85.42	5.42	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. ~1-2 carbonate veinlets per meter.							
						MD	GY		SIL	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
85.42	86.65	1.23	GRD	MG	Small moderately silicified phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to a large moderate potassic overprinted argillic halo.							
						MD	PK		PHC	3I		
						LT	GN	EN	SIL	3I		
						DK	GN		ARG	3I		
									POT	3I		
86.65	88.92	2.27	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. ~1-2 carbonate veinlets per meter.							
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
88.92	95.06	6.14	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak argillic alteration and moderate potassic alteration. Hosts an abundance of quartz/pyrite +/- carbonate veins and veinlets. Phyllic alteration adjacent to veining hosts disseminated pyrite.							
						MD	GN		SIL	3I		
						LT	GN		PHC	3I	Py	1
						LT	WH		ARG	2I		
									POT	3I		
95.06	99.38	4.32	GRD	MG	Moderately silicified weak to moderate phyllic altered granodiorite with patchy weak argillic and weak potassic/propyllitic overprinted moderate argillic alteration.							
						MD	GY	PA	SIL	3I		
						MD	PK		PHC	3I		
						LT	WH		POT	2I		
						DK	GN		ARG	2I		
									PRO	2I		
									ARG	2I		
99.38	119.08	19.70	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified with patchy potassic/propyllitic overprinted argillic alteration and small phyllic envelopes around quartz carbonate veining.							
						MD	GY	PA	SIL	3I		
						MD	PK	EN	POT	2I		
						LT	WH		PRO	2I		
						LT	GN		PRO	3I		
						DK	GN		POT	3I		
									ARG	3I		
									PHC	3I		
119.08	122.15	3.07	GRD	MG	Potassic/propyllitic overprinted argillic altered granodiorite, with small phyllic envelopes around quartz/carbonate veins and veinlets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						LT	WH		POT	2I		
						LT	GN		ARG	3I		
						DK	GN		PHC	3I		
122.15	130.15	8.00	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified with patchy potassic/propyllitic overprinted argillic alteration and small phyllic envelopes around quartz carbonate veining.							
						MD	GY	PA	SIL	3I		
						MD	PK	EN	POT	2I		
						LT	WH		PRO	2I		
						LT	GN		PRO	3I		
						DK	GN		POT	3I		
									PHC	3I		
									ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.51	63.47	60.96	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces. Sporadic patches of weak to moderate argillic alteration, partially rubbly.							
						MD	OR	PA	SIL	3I		
						MD	GY		ARG	2I		
									ARG	3I		
									POT	2I		
									PRO	2I		
63.47	65.25	1.78	QFP	FG	Dark red quartz feldspar porphyry dyke with a gradational transition to light tan adjacent to the contact with granodiorite. Upper and lower contacts are sharp and oriented at 60 TCA. Moderate oxidation along fracture surfaces.							
						LT	TN					
						DK	RD	PO	OXI	3I		
65.25	73.33	8.08	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
73.33	74.87	1.54	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration.							
									ARG	2I		
						LT	GN	PA	SIL	3I		
						MD	PK		PHC	3I		
						DK	GN		POT	2I		
						LT	WH		PRO	2I		
74.87	75.68	0.81	GRD	MG	Moderately silicifed moderate to strong phyllic alterat granodiorite hosting dissemianted pyrite and a quartz carbonate sulphide breccia.							
						LT	GY		PHC	3I		
						MD	GN		PHC	4I		
						LT	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
75.68	75.99	0.31	VEN	--	Smokey quartz vein hosting disseminated pyrite. Disseminated to blebby pyrite along vein margins. Last 4 cm of interval are strongly silicified phyllic altered granodiorite hosting disseminated pyrite.							
											Py	1
75.99	76.12	0.13	VEN	--	Smokey quartz vein hosting disseminated pyrite, sphalerite, arsenopyrite and pervasive jamesonite mineralization. Honey brown sphalerite is zoned. Smokey quartz is cross-cut by a white carbonate vein (1cm) in the middle of the vein, oriented at 70 TCA. Disseminated to blebby honey brown sphalerite along carbonate vein margins.							
											Jm	8
											As	1
											Sp	5
											Py	3
76.12	76.70	0.58	GRD	MG	Moderately silicified strong phyllic altered granodiorite hosting disseminated pyrite and multiple quartz/sulphide veins and veinlets.							
						LT	GN		PHC	4I		
						MD	GN					
						LT	GY		SIL	3I	Py	1
76.70	80.00	3.30	GRD	MG	Alternating moderate potassic overprinted argillic alteration and silicified weak to moderate potassic/propyllitic alteration.							
						LT	WH		ARG	3I		
						DK	GN		POT	2I		
									PRO	2I		
									PRO	3I		
									SIL	3I		
						MD	PK		POT	3I		
80.00	88.92	8.92	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. ~1-2 carbonate veinlets per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
88.92	95.06	6.14	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak argillic alteration and moderate potassic alteration. Hosts an abundance of quartz/pyrite +/- carbonate veins and veinlets. Phyllic alteration adjacent to veining hosts disseminated pyrite.							
						MD	GN		SIL	3I		
						LT	WH		ARG	2I		
									POT	3I		
						LT	GN		PHC	3I	Py	1
95.06	99.38	4.32	GRD	MG	Moderately silicified weak to moderate phyllic altered granodiorite with patchy weak argillic and weak potassic/propyllitic overprinted moderate argillic alteration.							
									ARG	2I		
						MD	GY	PA	SIL	3I		
						MD	PK		PHC	3I		
						DK	GN		ARG	2I		
									PRO	2I		
						LT	WH		POT	2I		
99.38	130.15	30.77	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified with patchy potassic/propyllitic overprinted argillic alteration and small phyllic envelopes around quartz carbonate veining.							
									ARG	3I		
						LT	GN		PRO	3I		
						LT	WH		PRO	2I		
						DK	GN		POT	3I		
						MD	PK	EN	POT	2I		
						MD	GY	PA	SIL	3I		
									PHC	3I		

KL-14-212

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.50	2.50	0	0	0.00	0	--	--	--	
2.50	5.18	2.68	2.1	78	0.95	35	--	4H	2W	
5.18	8.23	3.05	2.55	84	1.54	50	--	4H	2W	
8.23	11.28	3.05	2.7	89	1.15	38	--	4H	2W	
11.28	14.33	3.05	3.02	99	2.12	70	--	3H	3W	
14.33	17.37	3.04	2.83	93	1.67	55	--	3H	2W	
17.37	20.42	3.05	2.92	96	1.93	63	--	3H	2W	
20.42	23.47	3.05	2.6	85	0.42	14	--	4H	2W	
23.47	26.52	3.05	3.02	99	1.67	55	--	4H	2W	
26.52	29.57	3.05	2.99	98	2.61	86	--	3H	2W	
29.57	32.61	3.04	3.02	99	1.81	60	--	3H	2W	
32.61	35.66	3.05	2.89	95	2.52	83	--	3H	2W	
35.66	38.71	3.05	3.02	99	1.93	63	--	4H	2W	
38.71	41.76	3.05	2.7	89	1.34	44	--	3H	2W	
41.76	44.81	3.05	2.85	93	1.99	65	--	3H	2W	
44.81	47.86	3.05	2.94	96	2.18	71	--	4H	2W	
47.86	50.90	3.04	3	99	2.13	70	--	4H	2W	
50.90	53.95	3.05	3.05	100	2.52	83	--	3H	2W	
53.95	57.00	3.05	2.95	97	1.63	53	--	3H	2W	
57.00	60.05	3.05	2.93	96	2.63	86	--	4H	2W	
60.05	63.09	3.04	3.03	100	1.62	53	--	4H	2W	
63.09	66.14	3.05	3.01	99	2.34	77	--	3H	2W	
66.14	69.19	3.05	2.79	91	1.50	49	--	4H	2W	
69.19	72.24	3.05	2.98	98	1.74	57	--	3H	2W	
72.24	75.29	3.05	2.94	96	2.20	72	--	3H	2W	
75.29	78.33	3.04	3	99	1.31	43	--	4H	1W	
78.33	81.38	3.05	3.03	99	1.50	49	--	4H	1W	
81.38	84.43	3.05	2.99	98	1.49	49	--	3H	1W	
84.43	87.48	3.05	3.01	99	2.02	66	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3	98	2.19	72	--	3H	1W	
90.53	93.57	3.04	2.94	97	1.43	47	--	3H	1W	
93.57	96.62	3.05	2.73	90	1.72	56	--	3H	1W	
96.62	99.67	3.05	2.91	95	2.41	79	--	3H	1W	
99.67	102.72	3.05	2.8	92	1.85	61	--	3H	1W	
102.72	105.77	3.05	2.79	91	1.14	37	--	3H	1W	
105.77	108.81	3.04	3	99	1.71	56	--	3H	1W	
108.81	111.86	3.05	2.88	94	1.81	59	--	3H	1W	
111.86	114.91	3.05	2.98	98	1.89	62	--	3H	1W	
114.91	117.96	3.05	3.01	99	2.56	84	--	3H	1W	
117.96	121.01	3.05	2.94	96	2.52	83	--	3H	1W	
121.01	124.05	3.04	3	99	2.59	85	--	3H	1W	
124.05	127.10	3.05	3.01	99	2.00	66	--	4H	1W	
127.10	130.15	3.05	2.61	86	2.28	75	--	4H	1W	

KL-14-212

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	15.3	GRD	
4	11.1	GRD	
5	13.5	GRD	
6	13.9	GRD	
7	2.87	GRD	
8	12.6	GRD	
9	11.9	GRD	
10	15.9	GRD	
11	13.5	GRD	
12	10.2	GRD	
13	12.6	GRD	
14	0.54	GRD	
15	9.53	GRD	
16	0.997	GRD	
17	1.22	GRD	
18	13.9	GRD	
19	0.36	GRD	
20	13.9	GRD	
21	5.62	GRD	
22	15.3	GRD	
23	16.2	GRD	
24	13.3	GRD	
25	16.6	GRD	
26	11.5	GRD	
27	19.4	GRD	
28	18.9	GRD	
29	0.321	GRD	
30	0.288	GRD	
31	0.387	GRD	
32	0.274	GRD	
33	0.477	GRD	
34	0.319	GRD	
35	0.494	GRD	
36	1.08	GRD	
37	7.62	GRD	
38	18.6	GRD	
39	0.231	GRD	
40	9.07	GRD	
41	4.78	GRD	
42	9.89	GRD	
43	10.6	GRD	
44	5.5	GRD	
45	18.6	GRD	
46	13.9	GRD	
47	17.5	GRD	
48	2.08	GRD	
49	13.6	GRD	
50	2.77	GRD	
51	0.272	GRD	
52	0.406	GRD	
53	13.2	GRD	
54	3.1	GRD	
55	10.6	GRD	
56	12	GRD	
57	18.9	GRD	
58	22.1	GRD	
59	21	GRD	
60	0.75	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	0.399	GRD	
62	2.81	GRD	
63	0.885	GRD	
64	0.349	QFP	
65	0.426	QFP	
66	19.9	GRD	
67	15.7	GRD	
68	2.9	GRD	
69	9.39	GRD	
70	9.52	GRD	
71	0.411	GRD	
72	0.443	GRD	
73	5.69	GRD	
74	1.5	GRD	
75	0.285	GRD	
76	0.411	VEN	
77	0.312	GRD	
78	1.46	GRD	
79	0.662	GRD	
80	2.94	GRD	
80	2.94	GRD	
81	18.5	GRD	
82	1.42	GRD	
83	7.48	GRD	
84	1.23	GRD	
85	18.3	GRD	
86	0.323	GRD	
87	1.66	GRD	
88	10	GRD	
89	0.461	GRD	
90	0.388	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
91	0.282	GRD	
92	0.271	GRD	
93	0.371	GRD	
94	0.358	GRD	
95	0.468	GRD	
96	0.572	GRD	
97	0.632	GRD	
98	0.359	GRD	
99	0.459	GRD	
100	8.88	GRD	
101	0.564	GRD	
102	5.46	GRD	
103	1.56	GRD	
104	1.97	GRD	
105	0.966	GRD	
106	0.512	GRD	
107	12.7	GRD	
108	1.36	GRD	
109	6.85	GRD	
110	0.538	GRD	
111	4.47	GRD	
112	0.72	GRD	
113	0.994	GRD	
114	0.817	GRD	
115	8	GRD	
116	16.5	GRD	
117	0.352	GRD	
118	1.03	GRD	
119	4.22	GRD	
120	0.594	GRD	
121	0.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
122	0.594	GRD	
123	1.51	GRD	
124	1.09	GRD	
125	0.689	GRD	
126	17.5	GRD	
127	17.1	GRD	
128	21.8	GRD	
129	1.21	GRD	
130	16.2	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382654	6889342	1432.29	90.53

ZONE: Central BRX

SECTION:

HOLE: KL-14-213

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 4.57m, Out

Drilling Dates: Aug 09 - Aug 10, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	37.1	-50.1	Reflex
90.52	36.2	-50.5	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	54.45	54.45	GRD
54.45	56.61	2.16	GRD
56.61	57.04	0.43	GRD
57.04	57.71	0.67	VEN
57.71	60.55	2.84	GRD
60.55	63.38	2.83	GRD
63.38	63.65	0.27	GRD
63.65	69.14	5.49	GRD
69.14	70.15	1.01	GRD
70.15	76.04	5.89	GRD
76.04	77.34	1.3	BXA
77.34	78.07	0.73	GRD
78.07	78.77	0.7	QFP
78.77	84.15	5.38	GRD
84.15	85.53	1.38	QFP
85.53	85.84	0.31	GRD

SAMPLES	
Numbers:	Q927933 to Q927934, Q934400, Q935651 to Q935663, Q935684 to Q935705
Total:	42
Batch:	147, 151, 153, 163
Certificates:	WH14119110, WH14121947, WH14121948, WH14125363

COMMENTS

85.84	90.53	4.69	GRD

Box Log

KL-14-213

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.36	6.19
2	6.19	10.68
3	10.68	14.63
4	14.63	18.86
5	18.86	22.96
6	22.96	27.13
7	27.13	31.64
8	31.64	35.79
9	35.79	40.03
10	40.03	44.16
11	44.16	48.22
12	48.22	52.55
13	52.55	56.28
14	56.28	60.27
15	60.27	64.45
16	64.45	68.34
17	68.34	72.33
18	72.33	76.54
19	76.54	80.18
20	80.18	84.5
21	84.5	88.72
22	88.72	90.53

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	33.32	33.32	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Oxide staining along fractures and within quartz-carbonate veins/breccia's found locally (minor). Minor areas with patchy tan-oxide weathered phyllic granodiorite. Argillic intervals are generally oxidized. Phyllic alteration is generally associated with quartz-carbonate veining (plus or minus mineralization).							
						MD	GN		ARG	2I		
						DK	GY		PHC	2I		
									PRO	2I		
									POT	2I		
									OXI	2I		
									SIL	2I		
33.32	37.35	4.03	GRD	MG	Patchy argillic and phyllic altered granodiorite. Patchy oxide-tan staining on phyllic altered granodiorite. Minor to weak quartz-carbonate veining (ankerite and smokey quartz) with trace blebby/banded pyrite. Weak propylitic altered granodiorite.							
						LT	GN		ARG	3I		
						--	WH		PHC	2I		
									SIL	2I		
									PRO	2I		
									OXI	2I		
37.35	42.99	5.64	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Oxide staining along fractures and within quartz-carbonate veins/breccia's found locally (minor). Minor areas with patchy tan-oxide weathered phyllic granodiorite. Argillic intervals are generally oxidized. Phyllic alteration is generally associated with quartz-carbonate veining (plus or minus mineralization).							
						MD	GN		ARG	2I		
						DK	GY		PHC	2I		
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	2I		
									POT	2I		
									OXI	2I		
42.99	47.26	4.27	GRD	MG	Dominantly phyllic altered granodiorite with minor propylitic altered granodiorite. Phyllic altered granodiorite hosts strong patchy oxide/tan staining on surface. Crackle breccia textures (weak and filled with calcite). Moderate quartz-carbonate veining (dark grey to smokey quartz and ankerite hosting blebby pyrite and arsenopyrite.							
						MD	GN		PRO	2I		
						LT	GN	CR	PHC	2I		
									OXI	2I		
									SIL	3I		
47.26	54.45	7.19	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Oxide staining along fractures and within quartz-carbonate veins/breccia's found locally (minor). Minor areas with patchy tan-oxide weathered phyllic granodiorite. Argillic intervals are generally oxidized. Phyllic alteration is generally associated with quartz-carbonate veining (plus or minus mineralization).							
						MD	GN		ARG	2I		
						DK	GY		PHC	2I		
									OXI	2I		
									SIL	2I		
									POT	2I		
									PRO	2I		
54.45	56.61	2.16	GRD	MG	Moderate to strongly phyllic altered granodiorite with argillic overprint. Rubbly and moderately oxidized zone withing interval. Weak crackle breccia textures with quartz-carbonate veinlets hosting trace fine grained pyrite.							
						MD	OR	CR	PHC	4I	Py	0.1
						--	WH		OXI	3I		
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
56.61	57.04	0.43	GRD	MG	Strong phyllic altered and siliceous granodiorite hosting weak disseminated pyrite. Crackle breccia near bottom on the interval. Hosts strong quartz-carbonate veinlets with oxide weathering.							
						LT	GN		PHC	4I		
						--	TN		OXI	3I		
									SIL	2I		
57.04	57.71	0.67	VEN	--	Breccia and semi-massive pyrite quartz vein. Breccia is found within first 23 cm is a fine grained dark grey sulphide rich matrix, which has been brecciated with crackle textures of quartz-carbonate with orange weathering. The remainder of the interval is rubbly dark grey to grey quartz vein hosting semi-massive pyrite.							
						DK	GY	BX			Py	20
								CR			As	1
57.71	60.55	2.84	GRD	MG	Strong phyllic and argillic altered granodiorite with crackle breccia textures at top 10 cm of interval. Crackle breccia hosts carbonate weathering orange. Pyrite and arsenopyrite stringers withing smokey quartz veins (minor). Pyrite is disseminated withing phyllic altered granodiorite.							
						LT	GN	CR	PHC	4I	Py	0.1
									ARG	4I		
									SIL	3I		
60.55	63.38	2.83	GRD	MG	Strongly silicified phyllic altered granodiorite. Relict textures have been obliterated by strong silicification (only minor relict textures remain). Core appears as medium grey silicified rock with minor visible textures. Pervasive carbonate crackle breccia (strong) within interval. Minor milky quartz and quartz stringers hosting blebby pyrite and arsenopyrite.							
						MD	GY		PHC	5I	Py	1
									SIL	5I	As	0.1
									OXI	2I		
63.38	63.65	0.27	GRD	MG	Flow banded and silicified breccia. Elongated breccia clasts withing strongly silicified dark grey matrix. Clasts comprise sub-angular quartz (up to 0.5 cm). Late stage carbonate veins (weathering orange) cross cut breccia/vein. Hosts blebby pyrite and arsenopyrite.							
						MD	GN		OXI	2I	As	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY	BX	SIL	4I	Py	1
63.65	69.14	5.49	GRD	MG	Intermittent phyllic and argillic altered granodiorite with minor intervals of gouge and rubble. Minor quartz-carbonate veining with approximately 4 cm interval of breccia/quartz veining with flow banded textures. Quartz-carbonate veinlets pervasive throughout at 10 per metre. Weak patchy oxide/tan weathering in phyllic altered zones. Phyllic altered zones are variably mineralized with blebby disseminated pyrite.							
						LT	GN	BX	PHC	4I	Py	0.1
						--	WH		ARG	2I		
									SIL	3I		
69.14	70.15	1.01	GRD	MG	Crackle breccia and gougy phyllic altered granodiorite. Interval is strongly silicified and the last 15 cm is gougy. Crackle breccia seams are calcite filled.							
						MD	GY		SIL	4I		
						LT	GN	CR	PHC	4I	Py	0.1
70.15	76.04	5.89	GRD	MG	Moderately phyllic and argillic altered granodiorite with weak quartz-carbonate veining with gouge. Quartz-carbonate seams are mostly oxide weathered (bright orange). Quartz-carbonate veining hosts trace blebby pyrite. Trace potassic altered. Quartz-carbonate veins at 8 per metre (up to 1 cm thick).							
						MD	GY		ARG	3I		
						LT	GN		PHC	3I	Py	0.1
									SIL	2I		
									POT	2I		
									OXI	2I		
76.04	77.34	1.30	BXA	--	Strong oxide/brecciated phyllic and argillic altered granodiorite. Surface of core is dominantly tan weathered with minor dark grey fine grained sulphide. Clasts comprise quartz (up to 3 cm). Mineralization is dominantly pyrite with trace arsenopyrite. Interval becomes gougy and rubbly for last 40 cm.							
						LT	GN	BX	PHC	4I	Py	0.1
						DK	GY		OXI	4I		
						--	TN		ARG	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
77.34	78.07	0.73	GRD	MG	Strongly silicified phyllic altered granodiorite. Relict textures have been obliterated by strong silicification (only minor relict textures remain). Core appears as medium grey silicified rock with minor visible textures. Pervasive carbonate crackle breccia (strong) within interval. Minor milky quartz and quartz stringers hosting blebby pyrite. Pervasive calcite veinlets at 10 per metre.							
						MD	GY		OXI	2I	Py	0.1
									SIL	5I		
									PHC	5I		
78.07	78.77	0.70	QFP	FG	Fine grained porphyry dyke with weak quartz-eyes. Interfingering with dark grey silicified breccia hosting fine grained pyrite and arsenopyrite. Interval becomes more gougy at last 15 cm. Weak oxide staining on surfaces. No feldspar phenocrysts (dyke appears to be strongly altered with feldspar phenocrysts obliterated).							
						LT	GN					
78.77	84.15	5.38	GRD	MG	Patchy phyllic and argillic altered granodiorite. Approximately 7 centimetre wide milky quartz-carbonate vein hosting blebby pyrite and trace blebby arsenopyrite. Phyllic altered granodiorite is variably mineralized with trace pyrite, while tourmaline is found disseminated throughout both phyllic and argillic altered granodiorite.							
						MD	GN		ARG	3I		
						LT	GN	PA	PHC	4I	Py	0.1
									SIL	2I		
84.15	85.53	1.38	QFP	CG	Medium to coarse grained quartz-feldspar porphyry dyke with clasts up to 2 centimetre. Top contact is foliated over 20 cm. Foliation is defined by elongation of phenocrysts aligned at 30 degrees to core axis. Foliation is cut by calcite veinlets obliquely. Centre of interval is rubbly over approximately 50 centimetres.							
						MD	GN	PA				
						LT	GN	PO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
85.53	85.84	0.31	GRD	MG	Strongly phyllic altered granodiorite with blebby pyrite disseminated throughout. Trace tourmaline disseminated within phyllic altered granodiorite. Smokey quartz vein with carbonate hosting trace fine grained pyrite.							
						MD	GN		ARG	2I		
						LT	GN		PHC	4I	Py	1
									SIL	4I		
85.84	90.53	4.69	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace argillic alteration overprinting. Pervasive calcite veinlets at 5 per metre. Minor smokey quartz veinlets hosts blebby pyrite.							
						MD	GY		POT	2I		
						DK	GY		ARG	2I		
									PRO	2I		

KL-14-213

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	54.45	54.45	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Oxide staining along fractures and withing quartz-carbonate veins/breccia's found locally (minor). Minor areas with patchy tan-oxide weathered phyllic granodiorite. Argillic intervals are generally oxidized. Phyllic alteration is generally associated with quartz-carbonate veining (plus or minus mineralization).							
						MD	GN		ARG	2I		
									PRO	2I		
									POT	2I		
						DK	GY		PHC	2I		
54.45	56.61	2.16	GRD	MG	Moderate to strongly phyllic altered granodiorite with argillic overprint. Rubbly and moderately oxidized zone withing interval. Weak crackle breccia textures with quartz-carbonate veinlets hosting trace fine grained pyrite.							
						MD	OR	CR	ARG	3I	Py	0.1
						--	WH		PHC	4I		
									OXI	3I		
									SIL	3I		
56.61	57.04	0.43	GRD	MG	Strong phyllic altered and siliceous granodiorite hosting weak disseminated pyrite. Crackle breccia near bottom on the interval. Hosts strong quartz-carbonate veinlets with oxide weathering.							
									SIL	2I		
						LT	GN		PHC	4I		
						--	TN		OXI	3I		
57.04	57.71	0.67	VEN	--	Breccia and semi-massive pyrite quartz vein. Breccia is found within first 23 cm is a fine grained dark grey sulphide rich matrix, which has been brecciated with crackle textures of quartz-carbonate with orange weathering. The remainder of the interval is rubbly dark grey to grey quartz vein hosting semi-massive pyrite.							
						DK	GY	BX			Py	20
								CR			As	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
57.71	60.55	2.84	GRD	MG	Strong phyllic and argillic altered granodiorite with crackle breccia textures at top 10 cm of interval. Crackle breccia hosts carbonate weathering orange. Pyrite and arsenopyrite stringers withing smokey quartz veins (minor). Pyrite is disseminated withing phyllic altered granodiorite.							
						LT	GN	CR	PHC	4I	Py	0.1
									ARG	4I		
									SIL	3I		
60.55	63.38	2.83	GRD	MG	Strongly silicified phyllic altered granodiorite. Relict textures have been obliterated by strong silicification (only minor relict textures remain). Core appears as medium grey silicified rock with minor visible textures. Pervasive carbonate crackle breccia (strong) within interval. Minor milky quartz and quartz stringers hosting blebby pyrite and arsenopyrite.							
						MD	GY		PHC	5I	Py	1
									SIL	5I	As	0.1
									OXI	2I		
63.38	63.65	0.27	GRD	MG	Flow banded and silicified breccia. Elongated breccia clasts withing strongly silicified dark grey matrix. Clasts comprise sub-angular quartz (up to 0.5 cm). Late stage carbonate veins (weathering orange) cross cut breccia/vein. Hosts blebby pyrite and arsenopyrite.							
						DK	GY	BX	SIL	4I	Py	1
						MD	GN		OXI	2I	As	1
63.65	69.14	5.49	GRD	MG	Intermittent phyllic and argillic altered granodiorite with minor intervals of gouge and rubble. Minor quartz-carbonate veining with approximately 4 cm interval of breccia/quartz veining with flow banded textures. Quartz-carbonate veinlets pervasive throughout at 10 per metre. Weak patchy oxide/tan weathering in phyllic altered zones. Phyllic altered zones are variably mineralized with blebby disseminated pyrite.							
						--	WH		ARG	2I		
						LT	GN	BX	PHC	4I	Py	0.1
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
69.14	70.15	1.01	GRD	MG	Crackle breccia and gougy phyllic altered granodiorite. Interval is strongly silicified and the last 15 cm is gougy. Crackle breccia seams are calcite filled.							
						LT	GN	CR	PHC	4I	Py	0.1
						MD	GY		SIL	4I		
70.15	76.04	5.89	GRD	MG	Moderately phyllic and argillic altered granodiorite with weak quartz-carbonate veining with gouge. Quartz-carbonate seams are mostly oxide weathered (bright orange). Quartz-carbonate veining hosts trace blebby pyrite. Trace potassic altered. Quartz-carbonate veins at 8 per metre (up to 1 cm thick).							
									OXI	2I		
									SIL	2I		
									POT	2I		
						MD	GY		ARG	3I		
						LT	GN		PHC	3I	Py	0.1
76.04	77.34	1.30	BXA	--	Strong oxide/brecciated phyllic and argillic altered granodiorite. Surface of core is dominantly tan weathered with minor dark grey fine grained sulphide. Clasts comprise quartz (up to 3 cm). Mineralization is dominantly pyrite with trace arsenopyrite. Interval becomes gougy and rubbly for last 40 cm.							
						--	TN		ARG	4I		
						DK	GY		OXI	4I		
						LT	GN	BX	PHC	4I	Py	0.1
77.34	78.07	0.73	GRD	MG	Strongly silicified phyllic altered granodiorite. Relict textures have been obliterated by strong silicification (only minor relict textures remain). Core appears as medium grey silicified rock with minor visible textures. Pervasive carbonate crackle breccia (strong) within interval. Minor milky quartz and quartz stringers hosting blebby pyrite. Pervasive calcite veinlets at 10 per metre.							
									PHC	5I		
									SIL	5I		
						MD	GY		OXI	2I	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
78.07	78.77	0.70	QFP	FG	Fine grained porphyry dyke with weak quartz-eyes. Interfingering with dark grey silicified breccia hosting fine grained pyrite and arsenopyrite. Interval becomes more gougy at last 15 cm. Weak oxide staining on surfaces. No feldspar phenocrysts (dyke appears to be strongly altered with feldspar phenocrysts obliterated).							
						LT	GN	PO				
78.77	84.15	5.38	GRD	MG	Patchy phyllic and argillic altered granodiorite. Approximately 7 centimetre wide milky quartz-carbonate vein hosting blebby pyrite and trace blebby arsenopyrite. Phyllic altered granodiorite is variably mineralized with trace pyrite, while tourmaline is found disseminated throughout both phyllic and argillic altered granodiorite.							
									SIL	2I		
						LT	GN	PA	PHC	4I	Py	0.1
						MD	GN		ARG	3I	As	0.01
84.15	85.53	1.38	QFP	CG	Medium to coarse grained quartz-feldspar porphyry dyke with clasts up to 2 centimetre. Top contact is foliated over 20 cm. Foliation is defined by elongation of phenocrysts aligned at 30 degrees to core axis. Foliation is cut by calcite veinlets obliquely. Centre of interval is rubbly over approximately 50 centimetres.							
						LT	GN	PO				
						MD	GN	PA				
85.53	85.84	0.31	GRD	MG	Strongly phyllic altered granodiorite with blebby pyrite disseminated throughout. Trace tourmaline disseminated within phyllic altered granodiorite. Smokey quartz vein with carbonate hosting trace fine grained pyrite.							
						LT	GN		PHC	4I	Py	1
						MD	GN		ARG	2I		
									SIL	4I		
85.84	90.53	4.69	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace argillic alteration overprinting. Pervasive calcite veinlets at 5 per metre. Minor smokey quartz veinlets hosts blebby pyrite.							
									PRO	2I		
						DK	GY		ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	2I		

KL-14-213

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	0R	--	--	
1.52	5.18	3.66	2.29	63	0.62	17	--	2H	4W	
5.18	8.23	3.05	2.9	95	1.43	47	--	4H	3W	
8.23	11.28	3.05	2.91	95	1.86	61	--	4H	2W	
11.28	14.33	3.05	3.01	99	1.62	53	--	3H	3W	
14.33	17.37	3.04	2.84	93	1.82	60	--	3H	2W	
17.37	20.42	3.05	2.45	80	0.96	31	--	3H	3W	
20.42	23.47	3.05	2.6	85	1.45	48	--	4H	3W	
23.47	26.52	3.05	2.94	96	1.90	62	--	3H	2W	
26.52	29.57	3.05	2.98	98	2.34	77	--	4H	3W	
29.57	32.61	3.04	2.92	96	1.32	43	--	4H	3W	
32.61	35.66	3.05	3.04	100	1.71	56	--	3H	2W	
35.66	38.71	3.05	2.92	96	1.10	36	--	3H	3W	
38.71	41.76	3.05	2.96	97	1.50	49	--	4H	3W	
41.76	44.81	3.05	2.8	92	1.30	43	--	3H	3W	
44.81	47.85	3.04	2.96	97	0.80	26	--	3H	3W	
47.85	50.90	3.05	2.27	74	0.43	14	--	2H	2W	
50.90	53.95	3.05	2.71	89	0.37	12	--	2H	3W	
53.95	57.00	3.05	2.69	88	0.63	21	--	2H	4W	
57.00	60.05	3.05	2.75	90	1.35	44	--	2H	4W	
60.05	63.09	3.04	2.51	83	0.40	13	--	3H	3W	
63.09	66.14	3.05	2.93	96	0.15	5	--	2H	2W	
66.14	69.19	3.05	2.63	86	0.21	7	--	2H	3W	
69.19	72.24	3.05	2.77	91	1.37	45	--	3H	2W	
72.24	75.29	3.05	2.92	96	1.37	45	--	3H	2W	
75.29	78.33	3.04	2.68	88	0.50	16	--	2H	3W	
78.33	81.38	3.05	3.05	100	1.34	44	--	2H	1W	
81.38	84.43	3.05	2.8	92	2.03	67	--	3H	2W	
84.43	87.48	3.05	3.01	99	1.88	62	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.95	97	1.78	58	--	4H	1W	

KL-14-213

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	0.462	GRD	
4	0.346	GRD	
5	1.16	GRD	
6	10	GRD	
7	2.35	GRD	
8	19.4	GRD	
9	23.4	GRD	
10	6.42	GRD	
11	0.471	GRD	
12	10.3	GRD	
13	0.294	GRD	
14	0.232	GRD	
15	0.426	GRD	
16	16.2	GRD	
17	10.4	GRD	
18	12.6	GRD	
19	0.409	GRD	
20	9.99	GRD	
21	5.72	GRD	
22	15.4	GRD	
23	26.7	GRD	
24	2.28	GRD	
25	0.386	GRD	
26	22	GRD	
27	22	GRD	
28	9.72	GRD	
29	22.2	GRD	
30	17.3	GRD	
31	23.1	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	12.8	GRD	
33	16	GRD	
34	28	GRD	
35	1.07	GRD	
36	7.97	GRD	
37	5.32	GRD	
38	19.1	GRD	
39	0.238	GRD	
40	19.5	GRD	
41	15.4	GRD	
42	1.48	GRD	
43	4.47	GRD	
44	0.313	GRD	
45	0.318	GRD	
46	1.39	GRD	
47	1.44	GRD	
48	20.3	GRD	
49	0.69	GRD	
50	0.327	GRD	
51	1.391	GRD	
52	0.678	GRD	
53	4.5	GRD	
54	1.04	GRD	
55	0.649	GRD	
56	1.01	GRD	
57	0.302	GRD	
58	0.369	GRD	
59	0.422	GRD	
60	0.495	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	0.182	GRD	
62	0.462	GRD	
63	0.354	GRD	
64	0.318	GRD	
65	0.435	GRD	
66	0.349	GRD	
67	0.515	GRD	
68	0.404	GRD	
69	0.38	GRD	
70	0.299	GRD	
71	0.38	GRD	
72	0.562	GRD	
73	0.393	GRD	
74	0.303	GRD	
75	0.983	GRD	
76	0.484	GRD	
77	0.469	BXA	
78	0.336	GRD	
79	0.185	GRD	
80	0.827	GRD	
81	0.399	GRD	
82	0.389	GRD	
83	0.49	GRD	
84	0.41	GRD	
85	0.313	QFP	
86	10.9	GRD	
87	7.75	GRD	
88	9.66	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382415	6890812	1308.02	110.64

ZONE: Western Klaza

SECTION:

HOLE: KL-14-214

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Aug 09 - Aug 10, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
19.2	36.4	-49.6	Reflex
110.64	37.5	-50.3	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.75	2.75	CAS
2.75	62	59.25	GRD
62	65.82	3.82	GRD
65.82	67.02	1.2	GRD
67.02	67.64	0.62	BXA
67.64	69.12	1.48	GRD
69.12	72.38	3.26	GRD
72.38	72.7	0.32	BXA
72.7	72.87	0.17	GRD
72.87	73.53	0.66	BXA
73.53	75.4	1.87	GRD
75.4	89.65	14.25	GRD
89.65	91.33	1.68	QFP
91.33	110.64	19.31	GRD

SAMPLES	
Numbers:	Q927935 to Q927938, Q933798 to Q933851
Total:	61
Batch:	149, 152, 154, 163
Certificates:	WH14119111, WH14119112, WH14125363, WH14125424

COMMENTS

Box Log

KL-14-214

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.75	5.18
2	5.18	7.76
3	7.76	10.89
4	10.89	13.81
5	13.81	16.69
6	16.69	19.4
7	19.4	22.56
8	22.56	25.4
9	25.4	28.38
10	28.38	31.31
11	31.31	34.37
12	34.37	37.22
13	37.22	40
14	40	42.72
15	42.72	45.6
16	45.6	48.53
17	48.53	51.28
18	51.28	54.41
19	54.41	57.33
20	57.33	60.05
21	60.05	62.89
22	62.89	65.88
23	65.88	68.8
24	68.8	71.86
25	71.86	75.55
26	75.55	77.6
27	77.6	80.9
28	80.9	84.13
29	84.13	87.24
30	87.24	90.53
31	90.53	93.62
32	93.62	96.71
33	96.71	100
34	100	103.14
35	103.14	106.05
36	106.05	109.17
37	109.17	110.64

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-214									
	47.88	14.8	HQ	GRD	927.3	611.5	2.14	2.9	Smoky, clear quartz-ankerite calcite breccia with zoned textures. Hosting disseminated blackjack and honey brown sphalerite, pyrite, arsenopyrite, galena and jamesonite.
	67.23	14.7	HQ	BXA	1293.3	828.2	3.01	2.8	Diamictic breccia with blebby acicular tourmaline, disseminated pyrite and cobble to boulder quartz clasts bearing pyrite and arsenopyrite.
	72.26	2.9	HQ	GRD	259.7	175.4	3.06	3.1	Smoky,clear quartz vein with pervasive jamesonite, sphalerite (blackjack) and disseminated pyrite hosted in smoky quartz.
	72.34	8.4	HQ	GRD	751.7	493	3.06	2.9	Banded smoky quartz-ankerite (pinkish cream coloured) vein with banded ankerite cut by smoky quartz stringers. Band margin has comb textures and blebs and veinlets of pyrite. Smoky quartz intermixed with vuggy calcite. 1.7 centimeter strong phyllic altered granodiorite.
	72.85	10.4	HQ	GRD	1026.2	696.1	3.38	3.1	Smoky quartz vein with discontinuous stringers and veinlets of pyrite, arsenopyrite (hosting jamesonite), tan ankerite, honey brown and blackjack sphalerite and disseminated galena.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	72.97	16.2	HQ	BXA	1427.6	913.8	3.02	2.8	Diamicitic breccia with megacrystic quartz clasts cut by pale ankerite stringers hosting disseminated and blebby pyrite. Strong phyllic altered matrix hosts blebby tourmaline, disseminated and stringers of pyrite and pale ankerite veinlets hosting honey brown and blackjack sphalerite

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.75	23.37	20.62	GRD	MG	Trace-weak propylitic/potassic altered granodiorite. Moderate grey along fractures.							
						MD	OR		PRO	1I		
						MD	GY		OXI	3I		
									PRO	2I		
									POT	1I		
									POT	2I		
23.37	25.53	2.16	GRD	MG	Patchy-pervasive oxidation. Patchtes of moderate argillic alteratoin and moderate silicification/phyllic. Oxidation obscures rock textures.							
						MD	OL		OXI	3I		
						MD	GY		SIL	3I		
						MD	GN		PHC	3I		
						LT	WH		OXI	4I		
									ARG	3I		
25.53	27.10	1.57	GRD	MG	Pervasive oxidation and moderate phyllic/silicified granodiorite. Oxidation obscures rock textures.							
						MD	OR		OXI	3I		
						LT	GN		OXI	4I		
									SIL	3I		
									PHC	3I		
27.10	32.95	5.85	GRD	MG	Trace-weak propylitic/potassic altered granodiorite. Moderate oxidation obscures rock textures.							
						MD	OR		POT	1I		
						MD	GY		OXI	3I		
									POT	2I		
									PRO	1I		
									PRO	2I		
32.95	33.91	0.96	GRD	MG	Pervasive oxidation, moderate phyllic, and moderate silicification in granodiorite. Oxidation obscures rock textures.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		OXI	3I		
						LT	GN		OXI	4I		
									PHC	3I		
									SIL	3I		
33.91	39.32	5.41	GRD	MG	Trace-weak propylitic/potassic altered granodiorite. Moderate oxidation obscures rock textures.							
						MD	GY		OXI	3I		
						MD	OR		POT	1I		
									PRO	2I		
									POT	2I		
									PRO	1I		
39.32	46.29	6.97	GRD	MG	Silicified alternating patches of moderate phyllic and moderate propylitic alteration. Oxidation on fractures and patchy pervasive alteration.							
						MD	GN		SIL	3I		
						MD	OR		PRO	3I		
						LT	GN	PA	OXI	3I		
									PHC	3I		
46.29	47.10	0.81	GRD	MG	Trace-weak propylitic/potassic altered granodiorite. Moderate oxidation obscures rock textures.							
						MD	GY		OXI	3I		
						MD	OR		POT	1I		
									POT	2I		
									PRO	1I		
									PRO	2I		
47.10	55.51	8.41	GRD	MG	Moderate phyllic/silicified granodiorite cut by 2 quartz/carb/sulphide breccias and multiple veins/veinlets. Phyllic alteration transitions to weak potassic and propylitic overprinting argillic. Oxidation on fracture surfaces.							
						MD	GN		OXI	3I		
						MD	OR		POT	2I		
						MD	PK		ARG	3I		
						LT	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
									PRO	2I		
55.51	62.00	6.49	GRD	MG	Trace-weak propylitic/potassic altered granodiorite. Moderate oxidation obscures rock textures.							
						MD	GY		OXI	3I		
						MD	OR		POT	1I		
									POT	2I		
									PRO	1I		
									PRO	2I		
62.00	65.82	3.82	GRD	MG	Weak potassic/propylitic overprinting argillic alteration, with patchy phyllic and silicification. Patchy-pervasive weak-moderate oxidation and moderate oxide staining on fractures.							
						MD	BN	PA	OXI	2I		
						MD	GN		ARG	3I		
						MD	PK		POT	2I		
						LT	WH		SIL	3I		
						LT	GN		OXI	3I		
									PRO	2I		
									PHC	3I		
65.82	67.02	1.20	GRD	MG	Moderate silicification, moderate-strong phyllic altered granodiorite with patchy propylitic alteration. Hosts disseminated pyrite and disseminated-blebby tourmaline. Oxidation on fracture surfaces.							
						MD	GN		OXI	3I	To	1
						MD	BN		PHC	3I		
						LT	GN	PA	SIL	3I	Py	1
									PHC	4I		
									PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
67.02	67.64	0.62	BXA	MG	Discontinuous grey aphanitic quartz (chalcedony?) brecciating granodiorite. Granodiorite clasts are subrounded-rounded, pebble to cobble, and phyllic altered and silicified. Both quartz and granodiorite host disseminated-blebby pyrite and soft black tourmaline.							
						MD	GY		PHC	3I	To	2
						LT	GN	BX	SIL	2I	Py	2
									PHC	4I		
67.64	69.12	1.48	GRD	MG	Moderate silicification, moderate-strong phyllic altered granodiorite with patchy propylitic alteration. Hosts disseminated pyrite and disseminated-blebby tourmaline. Oxidation on fracture surfaces.							
						MD	GN		OXI	3I	Py	1
						MD	BN		SIL	3I		
						LT	GN		PRO	3I	To	1
									PHC	3I		
									PHC	4I		
69.12	72.38	3.26	GRD	MG	Weak to moderate phyllic altered granodiorite with patchy weak argillic alteration. Hosts multiple quartz-carbonate +/- sulphide veins. Oxidation along fractures.							
						MD	BN		PHC	2I		
						LT	GN		OXI	3I		
						LT	WH		SIL	3I		
									PHC	3I		
									ARG	2I		
72.38	72.70	0.32	GRD	MG	Rubbly smoky quartz and light pink rhodochrosite breccia. White phyllic granodiorite clasts. Hosts disseminated pyrite, arsenopyrite, and jamesonite. Breccia is very rubbly, with poor recovery. Comb textures between smoky quartz and rhodochrosite.							
						LT	WH				As	1
						LT	PK				Jm	1
						DK	GY	BX	SIL	3I	Py	1
72.70	72.87	0.17	GRD	MG	Light to medium grey gouge hosting disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY				Py	1
						LT	GY					
72.87	73.53	0.66	BXA	MG	Smoky quartz breccia. First 14cm is a smoky quartz breccia hosting pebble-cobble silicified phyllic granodiorite clasts. Smoky quartz hosts disseminated pyrite, sphalerite, arsenopyrite, and jamesonite. The rest of the breccia is grey-smoky quartz brecciating pebble-boulder clasts of phyllic-silicified granodiorite. These clasts host disseminated-blebby pyrite and black tourmaline. Quartz matrix hosts disseminated pyrite and black tourmaline. Tourmaline concentration increases at the end of the interval. Quartz matrix and granodiorite clasts are crosscut/brecciated by light tan ankerite and white carbonate veinlets/stringers. Large portions of quartz matrix hosts pyrite stringers at 60 TCA. A few of the white carbonate stringers host honey brown sphalerite, stringers oriented at 20 TCA.							
						DK	GY	BX	SIL	3I	Py	2
											Jm	2
											Sp	2
											As	1
											To	5
73.53	75.40	1.87	GRD	MG	Weak to moderate phyllic altered granodiorite with patchy weak argillic alteration. Hosts multiple quartz-carbonate +/- sulphide veins. Hosts disseminated-blebby black tourmaline.							
						LT	GN		SIL	2I	To	1
						LT	WH		PHC	3I		
75.40	89.65	14.25	GRD	MG	Weak-moderate potassic/propylitic altered granodiorite. Moderate silicification. Small phyllic-argillic envelopes around occasional quartz-carbonate veins.							
						MD	PK		POT	2I		
						MD	GN		POT	3I		
						LT	GN		PRO	2I		
						LT	WH		PRO	3I		
									ARG	2I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	2I		
89.65	89.86	0.21	QFP	FG	Patchy dark red/light tan quartz feldspar porphyry dyke.							
						LT	TN	PO				
						DK	RD	PA				
90.26	91.33	1.07	QFP	FG	Dark red quartz feldspar porphyry dyke with gradational colour change from red to light tan at granodiorite contacts. Light tan is cut by carbonate veinlets.							
						LT	TN	PA				
						DK	RD	PO				
91.33	97.04	5.71	GRD	MG	Moderately silicified, weak potassic-propylitic altered granodiorite. 1-3 white carbonate veinlets per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
97.04	97.82	0.78	GRD	MG	Moderate phyllic/silicified envelopes on quartz-carbonate vein breccia. Phyllic to potassic/propylitic overprinted argillic vein halos.							
						MD	GN		PHC	3I		
						MD	PK		POT	3I		
						LT	GN	EN	SIL	3I		
									PRO	2I		
97.82	110.64	12.82	GRD	MG	Moderately silicified, weak potassic-propylitic altered granodiorite. 1-3 white carbonate veinlets per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.75	62.00	59.25	GRD	MG	Trace-weak propylitic/potassic altered granodiorite. Moderate grey along fractures.							
						MD	OR		POT	1I		
									POT	2I		
									PRO	1I		
									PRO	2I		
						MD	GY		OXI	3I		
62.00	65.82	3.82	GRD	MG	Weak potassic/propylitic overprinting argillic alteration, with patchy phyllic and silicification. Patchy-pervasive weak-moderate oxidation and moderate oxide staining on fractures.							
									PHC	3I		
						MD	PK	PA	OXI	2I		
						MD	GN		OXI	3I		
						LT	WH		SIL	3I		
						MD	BN		ARG	3I		
						LT	GN		POT	2I		
									PRO	2I		
65.82	67.02	1.20	GRD	MG	Moderate silicification, moderate-strong phyllic altered granodiorite with patchy propylitic alteration. Hosts disseminated pyrite and disseminated-blebby tourmaline. Oxidation on fracture surfaces.							
									PRO	3I		
									PHC	4I		
						MD	BN		PHC	3I		
						MD	GN	PA	OXI	3I	Py	1
						LT	GN		SIL	3I	To	1
67.02	67.64	0.62	BXA	MG	Discontinuous grey aphanitic quartz (chalcedony?) brecciating granodiorite. Granodiorite clasts are subrounded-rounded, pebble to cobble, and phyllic altered and silicified. Both quartz and granodiorite host disseminated-blebby pyrite and soft black tourmaline.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BX	SIL	2I	Py	2
						LT	GN		PHC	3I	To	2
									PHC	4I		
67.64	69.12	1.48	GRD	MG	Moderate silicification, moderate-strong phyllic altered granodiorite with patchy propylitic alteration. Hosts disseminated pyrite and disseminated-blebby tourmaline. Oxidation on fracture surfaces.							
									PRO	3I		
						MD	BN		PHC	3I		
						MD	GN		SIL	3I	To	1
									PHC	4I		
						LT	GN	PA	OXI	3I	Py	1
69.12	72.38	3.26	GRD	MG	Weak to moderate phyllic altered granodiorite with patchy weak argillic alteration. Hosts multiple quartz-carbonate +/- sulphide veins. Oxidation along fractures.							
						LT	WH		SIL	3I		
						LT	GN		OXI	3I		
						MD	BN		PHC	2I		
									PHC	3I		
									ARG	2I		
72.38	72.70	0.32	BXA	MG	Rubbly smoky quartz and light pink rhodochrosite breccia. White phyllic granodiorite clasts. Hosts disseminated pyrite, arsenopyrite, and jamesonite. Breccia is very rubbly, with poor recovery. Comb textures between smoky quartz and rhodochrosite.							
						LT	WH		PHC	3I	As	1
						LT	PK				Jm	1
						DK	GY	BX	SIL	2I	Py	1
72.70	72.87	0.17	GRD	MG	Light to medium grey gouge hosting disseminated pyrite.							
						LT	GY				Py	1
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
72.87	73.53	0.66	BXA	MG	Smoky quartz breccia. First 14cm is a smoky quartz breccia hosting pebble-cobble silicified phyllic granodiorite clasts. Smoky quartz hosts disseminated pyrite, sphalerite, arsenopyrite, and jamesonite. The rest of the breccia is grey-smoky quartz brecciating pebble-boulder clasts of phyllic-silicified granodiorite. These clasts host disseminated-blebby pyrite and black tourmaline. Quartz matrix hosts disseminated pyrite and black tourmaline. Tourmaline concentration increases at the end of the interval. Quartz matrix and granodiorite clasts are crosscut/brecciated by light tan ankerite and white carbonate veinlets/stringers. Large portions of quartz matrix hosts pyrite stringers at 60 TCA. A few of the white carbonate stringers host honey brown sphalerite, stringers oriented at 20 TCA.							
											Jm	2
											Sp	2
											As	1
											To	5
						DK	GY	BX	SIL	3I	Py	2
73.53	75.40	1.87	GRD	MG	Weak to moderate phyllic altered granodiorite with patchy weak argillic alteration. Hosts multiple quartz-carbonate +/- sulphide veins. Hosts disseminated-blebby black tourmaline.							
						LT	GN		SIL	2I	To	1
						LT	WH		PHC	3I		
75.40	89.65	14.25	GRD	MG	Weak-moderate potassic/propylitic altered granodiorite. Moderate silicification. Small phyllic-argillic envelopes around occasional quartz-carbonate veins.							
						MD	PK		POT	3I		
						DK	GN		PRO	2I		
									PRO	3I		
									SIL	3I		
									PHC	2I		
									ARG	2I		
						MD	GY		POT	2I		
89.65	91.33	1.68	QFP	FG	Patchy dark red/light tan quartz feldspar porphyry dyke. Sharp top contact at 60 TCA, undulatory bottom contact at 30 TCA.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	TN					
						DK	RD	PO				
91.33	110.64	19.31	GRD	MG	Moderately silicified, weak potassic-propylitic altered granodiorite. 1-3 white carbonate veinlets per meter.							
						DK	GN		PRO	2I		
						MD	PK		POT	2I		
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.75	2.75	0	0	0.00	0	--	--	--	
2.75	5.18	2.43	2.15	88	0.55	23	--	4H	3W	
5.18	8.23	3.05	2.86	94	1.19	39	--	4H	2W	
8.23	11.28	3.05	2.83	93	1.40	46	--	4H	2W	
11.28	14.33	3.05	2.79	91	1.42	47	--	4H	2W	
14.33	17.38	3.05	2.73	90	1.62	53	--	4H	2W	
17.38	20.42	3.04	2.88	95	1.97	65	--	4H	2W	
20.42	23.47	3.05	2.84	93	1.64	54	--	4H	2W	
23.47	26.52	3.05	2.84	93	1.97	65	--	3H	2W	
26.52	29.57	3.05	2.69	88	1.72	56	--	4H	2W	
29.57	32.61	3.04	2.81	92	2.75	90	--	4H	2W	
32.61	35.66	3.05	2.75	90	1.54	50	--	3H	2W	
35.66	38.71	3.05	2.79	91	1.54	50	--	4H	3W	
38.71	41.76	3.05	2.89	95	0.95	31	--	3H	3W	
41.76	44.81	3.05	3.05	100	2.19	72	--	3H	2W	
44.81	47.85	3.04	3.04	100	1.83	60	--	3H	2W	
47.85	50.90	3.05	2.78	91	2.22	73	--	3H	3W	
50.90	53.95	3.05	2.94	96	2.19	72	--	3H	2W	
53.95	57.00	3.05	2.9	95	1.15	38	--	3H	2W	
57.00	60.05	3.05	2.82	92	1.04	34	--	3H	2W	
60.05	63.09	3.04	2.79	92	1.24	41	--	3H	2W	
63.09	66.14	3.05	2.86	94	1.63	53	--	2H	2W	
66.14	69.19	3.05	3.04	100	2.07	68	--	2H	2W	
69.19	72.24	3.05	2.9	95	1.58	52	--	3H	2W	
72.24	75.29	3.05	2.75	90	0.69	23	--	3H	1W	
75.29	78.33	3.04	2.81	92	2.36	78	--	4H	1W	
78.33	81.38	3.05	3	98	2.26	74	--	4H	1W	
81.38	84.43	3.05	2.88	94	1.76	58	--	4H	1W	
84.43	87.48	3.05	3.03	99	2.08	68	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.71	89	1.09	36	--	3H	1W	
90.53	93.57	3.04	3.04	100	2.28	75	--	4H	1W	
93.57	96.62	3.05	3.05	100	2.78	91	--	4H	1W	
96.62	99.67	3.05	3	98	2.52	83	--	4H	1W	
99.67	102.72	3.05	3.03	99	2.35	77	--	4H	1W	
102.72	105.77	3.05	2.9	95	0.91	30	--	3H	1W	
105.77	108.81	3.04	2.93	96	1.37	45	--	4H	1W	
108.81	110.64	1.83	1.7	93	0.20	11	--	4H	1W	EOH

KL-14-214

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	14.8	GRD	
4	12.5	GRD	
5	13.9	GRD	
6	8.81	GRD	
7	16.8	GRD	
8	14.1	GRD	
9	13.9	GRD	
10	15.7	GRD	
11	15.5	GRD	
12	6.33	GRD	
13	17.1	GRD	
14	14.4	GRD	
15	11.4	GRD	
16	9.46	GRD	
17	13.4	GRD	
18	5.62	GRD	
19	12.1	GRD	
20	2.92	GRD	
21	14.8	GRD	
22	1.25	GRD	
23	4.51	GRD	
24	0.297	GRD	
25	0.432	GRD	
26	0.369	GRD	
27	0.312	GRD	
28	2.8	GRD	
29	1.17	GRD	
30	0.459	GRD	
31	7.21	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	0.854	GRD	
33	0.365	GRD	
34	0.382	GRD	
35	0.643	GRD	
36	8.76	GRD	
37	1.5	GRD	
38	10	GRD	
39	1.83	GRD	
40	0.409	GRD	
41	0.256	GRD	
42	0.296	GRD	
43	0.38	GRD	
44	0.451	GRD	
45	0.397	GRD	
46	0.388	GRD	
47	2.4	GRD	
48	0.489	GRD	
49	0.408	GRD	
50	0.331	GRD	
51	0.235	GRD	
52	0.333	GRD	
53	0.259	GRD	
54	0.26	GRD	
55	1.45	GRD	
56	0.397	GRD	
57	1.05	GRD	
58	4.09	GRD	
59	0.586	GRD	
60	12.8	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	3.94	GRD	
62	0.79	GRD	
62	0.79	GRD	
63	0.91	GRD	
64	0.546	GRD	
65	0.592	GRD	
66	0.283	GRD	
67	0.728	GRD	
68	0.336	GRD	
69	0.339	GRD	
70	0.311	GRD	
71	0.416	GRD	
72	0.314	GRD	
73	0.275	BXA	
74	0.421	GRD	
75	0.245	GRD	
76	4.3	GRD	
77	2.66	GRD	
78	7.39	GRD	
79	4.12	GRD	
80	1.3	GRD	
81	0.665	GRD	
82	18.3	GRD	
83	1.17	GRD	
84	15.6	GRD	
85	21.5	GRD	
86	21.7	GRD	
87	1.58	GRD	
88	5.3	GRD	
89	11.5	GRD	
90	0.435	QFP	
91	0.58	QFP	
92	18.4	GRD	
93	20.9	GRD	
94	19.1	GRD	
95	20.7	GRD	
96	19.4	GRD	EOH

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382684	6889310	1434.8	111.86

ZONE: Central BRX

SECTION:

HOLE: KL-14-215

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 6.1m, Out

Drilling Dates: Aug 10 - Aug 10, 2014

Geology Logged By: H. Friday

SURVEY			
Depth (m)	Azimuth	Dip	Method
5.18	36.3	-49.8	Reflex
111.86	36.9	-50.5	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	10.03	8.51	GRD
10.03	54.65	44.62	GRD
54.65	68.6	13.95	GRD
68.6	70.54	1.94	GRD
70.54	73.03	2.49	GRD
73.03	73.75	0.72	VEN
73.75	73.99	0.24	QFP
73.99	74.2	0.21	GRD
74.2	77.78	3.58	GRD
77.78	80.89	3.11	QFP
80.89	90.43	9.54	GRD
90.43	93.97	3.54	QFP
93.97	98.1	4.13	GRD
98.1	103.22	5.12	GRD
103.22	111.86	8.64	GRD

SAMPLES	
Numbers:	Q927939, Q935664 to Q935683, Q935706 to Q935751
Total:	71
Batch:	151, 153, 155, 163
Certificates:	WH14121947, WH14121948, WH14125363, WH14125426

COMMENTS

Box Log

KL-14-215

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	6.2
2	6.2	10.6
3	10.6	14.77
3	14.77	19.1
4	19.1	23.47
5	23.47	27.65
6	27.65	31.69
7	31.69	35.66
8	35.66	39.65
9	39.65	44.05
10	44.05	47.85
11	47.85	51.8
12	51.8	56.85
13	56.85	60.2
14	60.2	64.45
15	64.45	68.76
16	68.76	74.87
17	74.87	77.07
18	77.07	81.38
19	81.38	85.62
20	85.62	90.25
21	90.25	94.11
22	94.11	98.48
23	98.48	102.72
24	102.72	107.06
25	107.06	111.35
26	111.35	111.86

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-215									
	73.25	13.8	NQ2	VEN	1014.4	761.4	3.46	4.0	Quartz vein with blebby pyrite, arsenopyrite, galena and sphalerite. Semi-massive pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	10.03	8.51	GRD	MG	Intensely oxidized granodiorite with patchy phyllic and argillic. Oxidation is pervasive throughou entire core. Localized carbonate stringers. Goethite on fractures.							
						MD	GN	MA	OXI	3I	Go	2
						LT	GY		PHC	2I		
									ARG	2I		
10.03	12.86	2.83	GRD	MG	Moderate phyllic latered granodiorite with local patchy propylitic and argillic. Oxidation pervasive. Local disseminated pyrite around quartz-carbonate veinlets. Gouge seams, 2-5mm, throughout.							
						MD	GN	MA	OXI	3I	Py	2
						LT	BN		PHC	4I		
									CLY	2I		
									PRO	2I		
									ARG	1I		
12.86	18.88	6.02	GRD	MG	Unaltered granodiorite with patchy argillic and phyllic. Oxidation on fractures.							
						MD	GY	MA	OXI	2I		
									PHC	2I		
									ARG	1I		
18.88	20.64	1.76	GRD	MG	Moderate phyllic and argillic altered granodiorite. Pervasive oxidation. Carbonate stringers throughout.							
						LT	TN	MA	OXI	3I		
						LT	GN		PHC	3I		
									ARG	3I		
20.64	31.03	10.39	GRD	MG	Unaltered granodiorite with patchy argillic and phyllic. Oxidation on fractures.							
						MD	GY	MA	OXI	2I		
									ARG	1I		
									PHC	2I		
31.03	42.19	11.16	GRD	MG	Very patchy phyllic, argillic, propylitic, and unaltered granodiorite. Moderate oxidation. Carbonate stringers seen locally. Trace disseminated pyrite surrounding veinelts.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	MA	OXI	2I	Py	0.1
						MD	GN		PHC	3I		
									ARG	3I		
									PRO	2I		
42.19	54.65	12.46	GRD	MG	Unaltered granodiorite with patchy argillic and phyllic. Oxidation on fractures.							
						MD	GY	MA	OXI	2I		
									PHC	2I		
									ARG	1I		
54.65	68.60	13.95	GRD	MG	Moderately argillized granodiorite with local patches of unaltered granodiorite and weakly phyllic. Small gouge seams seen throughout.							
						MD	GY	MA	OXI	2I		
						LT	TN		PHC	3I		
									ARG	3I		
									PRO	2I		
68.60	70.54	1.94	GRD	MG	Moderately phyllic altered granodiorite with pervasive brecciating gouge seams. Local zones with minor argillic. Pyrite and sphalerite seen mainly in veinlets throughout, but pyrite is also locally disseminated. Pervasive oxidation. Quartz and carbonate brecciated fragments throughout.							
						MD	GY	MA	OXI	2I	Py	1
						MD	GN	BX	CLY	3I	Sp	0.1
									ARG	2I		
									PHC	4I		
70.54	73.03	2.49	GRD	MG	Moderately oxidized (pervasive through whole recovery) argillized granodiorite with patchy phyllic. Local silicification. Quartz-carbonate stringers throughout.							
						MD	GN	MA	OXI	3I		
						LT	TN		ARG	4I		
									PHC	3I		
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
73.03	73.75	0.72	VEN	FG	Hanging wall vein. Massive sulphide in quartz. Locally banded. Small carbonate stringers throughout. Pyrite is massive-blebby. Arsenopyrite is blebby, often surrounded by galena blebs. Sphalerite is blebby-banded. Lower contact has oxidized gouge (1cm thick). Upper contact at 60 TCA.							
						MD	GY	MA			Py	60
											Sp	10
											As	10
											Gn	5
73.75	73.99	0.24	QFP	FG	Light tan quartz feldspar porphyry dyke with few carbonate stringers.							
						LT	TN	PO				
73.99	74.20	0.21	GRD	MG	Extremely clay altered gougey phyllic and argillic granodiorite. Local breccia due to clay seams. Disseminated fine pyrite throughout gouge.							
						MD	TN	BX	OXI	3I	Py	3
						LT	TN		PHC	3I		
									ARG	2I		
									CLY	5I		
74.20	77.78	3.58	GRD	MG	Patchy argillic, phyllic altered granodiorite locally mineralized. Majority of interval phyllic mineralization. First metre of interval moderately oxidized with clay stringers throughout.							
						MD	GY	MA	OXI	2I	Py	3
						MD	GN		PHC	4I		
									ARG	3I		
77.78	80.89	3.11	QFP	FG	Medium-light green quartz feldspar porphyry dyke. Clay stringers seen throughout at random orientations. Both contacts with granodiorite hace 1cm gouge zone at 70 TCA.							
						MD	GN	PO				
						MD	GY					
80.89	90.43	9.54	GRD	MG	Moderate-strong phyllic altered granodiorite hosting disseminated pyrite and pyrite/sphalerite in veinlets. Local patches of argillic without mineralization.							
						MD	GY	MA	PHC	3I	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		ARG	2I	Sp	0.1
90.43	93.97	3.54	QFP	FG	Dark grey-green quartz feldspar porphyry dyke with abundant feldspar phenocrysts. Phenos locally chloritized. Undulating contact with granodiorite at 40 TCA.							
						MD	GY	PO				
						DK	GN					
93.97	98.10	4.13	GRD	MG	Mainly phyllic granodiorite with patchy argillic and unaltered segments. Local disseminated pyrite throughout. Carbonate stringers.							
						MD	GY	MA	PHC	4I	Py	1
						MD	GN		ARG	2I		
98.10	103.22	5.12	GRD	MG	Unaltered granodiorite.							
						MD	GY	MA				
103.22	104.45	1.23	GRD	MG	Phyllic granodiorite with local silicified zones and argillic zones. Disseminated pyrite locally.							
						MD	GN	MA	PHC	4I	Py	1
						MD	GY		SIL	3I	To	1
									ARG	3I		
104.45	106.54	2.09	GRD	MG	Heavily silicified brecciated phyllic granodiorite. Blebby tourmaline throughout. Locally disseminated pyrite. Pervasive quartz and carbonate veining throughout, causing brecciation.							
						MD	GN	BX	SIL	5I	To	2
						LT	GY		PHC	4I	Py	1
106.54	111.86	5.32	GRD	MG	Phyllic granodiorite with local silicified zones and argillic zones. Disseminated pyrite locally.							
						MD	GN	MA	PHC	4I	Py	1
						MD	GY		SIL	3I	To	1
									ARG	3I		

KL-14-215

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	10.03	8.51	GRD	MG	Intensely oxidized granodiorite with patchy phyllic and argillic. Oxidation is pervasive throughou entire core. Localized carbonate stringers. Goethite on fractures.							
						LT	GY		PHC	2I		
						MD	BN	MA	OXI	3I	Go	2
									ARG	2I		
10.03	54.65	44.62	GRD	MG	Unaltered granodiorite with patchy argillic and phyllic. Oxidation on fractures.							
									PHC	2I		
									ARG	1I		
						MD	GY	MA	OXI	2I		
54.65	68.60	13.95	GRD	MG	Moderately argillized granodiorite with local patches of unaltered granodiorite and weakly phyllic. Small gouge seams seen throughout.							
						LT	TN		ARG	4I		
									PHC	2I		
						MD	GY	MA	OXI	2I		
									CLY	1I		
68.60	70.54	1.94	GRD	MG	Moderately phyllic altered granodiorite with pervasive brecciating gouge seams. Local zones with minor argillic. Pyrite and sphalerite seen mainly in veinlets throughout, but pyrite is also locally disseminated. Pervasive oxidation. Quartz and carbonate brecciated fragments throughout.							
									ARG	2I		
						MD	GY	MA	OXI	2I	Py	1
						MD	GN	BX	CLY	3I	Sp	0.1
									PRO	4I		
70.54	73.03	2.49	GRD	MG	Moderately oxidized (pervasive through whole recovery) argillized granodiorite with patchy phyllic. Local silicification. Quartz-carbonate stringers throughout.							
						LT	TN		ARG	4I		
									PHC	3I		
									SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BN	MA	OXI	3I		
73.03	73.75	0.72	VEN	FG	Hanging wall vein. Massive sulphide in quartz. Locally banded. Small carbonate stringers throughout. Pyrite is massive-blebby. Arsenopyrite is blebby, often surrounded by galena blebs. Sphalerite is blebby-banded. Lower contact has oxidized gouge (1cm thick). Upper contact at 60 TCA.							
						MD	GY	MA			Py	60
											As	10
											Gn	5
											Sp	10
73.75	73.99	0.24	QFP	FG	Light tan quartz feldspar porphyry dyke with very few carbonate stringers.							
						LT	TN	PO				
73.99	74.20	0.21	GRD	MG	Extremely clay altered gougey phyllic and argillic granodiorite. Local breccia due to clay seams. Disseminated fine pyrite throughout gouge.							
									CLY	5I		
						MD	TN	BX	OXI	3I	Py	3
						LT	TN		PHC	3I		
									ARG	2I		
74.20	77.78	3.58	GRD	MG	Patchy argillic, phyllic altered granodiorite locally mineralized. Majority of interval phyllic mineralization. First metre of interval moderately oxidized with clay stringers throughout.							
						MD	GN		PHC	4I		
									ARG	3I		
						MD	GY	MA	OXI	2I	Py	3
77.78	80.89	3.11	QFP	FG	Medium-light green quartz feldspar porphyry dyke. Clay stringers seen throughout at random orientations. Both contacts with granodiorite hace 1cm gouge zone at 70 TCA.							
						MD	GY					
						MD	GN	PO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
80.89	90.43	9.54	GRD	MG	Moderate-strong phyllic altered granodiorite hosting disseminated pyrite and pyrite/sphalerite in veinlets. Local patches of argillic without mineralization.							
						MD	GY		ARG	2I	Sp	0.1
						MD	GN	MA	PHC	3I	Py	3
90.43	93.97	3.54	QFP	FG	Dark grey-green quartz feldspar porphyry dyke with abundant feldspar phenocrysts. Phenos locally chloritized. Undulating contact with granodiorite at 40 TCA.							
						DK	GN					
						MD	GY	PO				
93.97	98.10	4.13	GRD	MG	Mainly phyllic granodiorite with patchy argillic and unaltered segments. Local disseminated pyrite throughout. Carbonate stringers.							
						MD	GN		ARG	2I		
						MD	GY	MA	PHC	4I	Py	1
98.10	103.22	5.12	GRD	MG	Unaltered granodiorite.							
						MD	GY	MA				
103.22	111.86	8.64	GRD	MG	Phyllic granodiorite with local silicified zones and argillic zones. Disseminated pyrite locally.							
									ARG	3I		
						MD	GY		SIL	3I	To	1
						MD	GN	MA	PHC	4I	Py	1

KL-14-215

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	5.18	3.66	1.81	49	0.67	18	--	2H	3W	
5.18	8.23	3.05	2.52	83	0.93	30	--	3H	3W	
8.23	11.28	3.05	2.83	93	1.83	60	--	3H	3W	
11.28	14.33	3.05	2.91	95	1.49	49	--	3H	3W	
14.33	17.37	3.04	2.39	79	1.00	33	--	4H	3W	
17.37	20.42	3.05	2.81	92	1.53	50	--	3H	3W	
20.42	23.47	3.05	2.85	93	0.73	24	--	4H	2W	
23.47	26.52	3.05	2.86	94	1.52	50	--	4H	2W	
26.52	29.57	3.05	2.75	90	0.87	29	--	4H	2W	
29.57	32.61	3.04	2.6	86	1.34	44	--	3H	3W	
32.61	35.66	3.05	2.61	86	1.05	34	--	3H	2W	
35.66	38.71	3.05	2.64	87	1.36	45	--	2H	2W	
38.71	41.76	3.05	2.61	86	0.95	31	--	3H	3W	
41.76	44.81	3.05	2.52	83	0.88	29	--	4H	2W	
44.81	47.85	3.04	3.03	100	0.66	22	--	4H	2W	
47.85	50.90	3.05	2.51	82	0.57	19	--	3H	1W	
50.90	53.95	3.05	2.34	77	0.00	0	--	3H	1W	
53.95	57.00	3.05	2.78	91	0.98	32	--	2H	2W	
57.00	60.05	3.05	2.86	94	1.62	53	--	3H	2W	
60.05	63.09	3.04	2.89	95	1.02	34	--	3H	2W	
63.09	66.14	3.05	2.94	96	1.31	43	--	3H	2W	
66.14	69.19	3.05	2.8	92	1.32	43	--	3H	2W	
69.19	72.24	3.05	3.05	100	1.95	64	--	3H	2W	
72.24	75.29	3.05	3	98	0.86	28	--	2H	3W	
75.29	78.33	3.04	3	99	1.47	48	--	3H	1W	
78.33	81.38	3.05	2.95	97	2.03	67	--	3H	2W	
81.38	84.43	3.05	3.05	100	2.87	94	--	3H	1W	
84.43	87.48	3.05	3.02	99	2.59	85	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.68	88	2.54	83	--	3H	1W	
90.53	93.57	3.04	3.04	100	2.42	80	--	3H	2W	
93.57	96.62	3.05	3.05	100	2.28	75	--	3H	2W	
96.62	99.67	3.05	3.03	99	2.38	78	--	4H	1W	
99.67	102.72	3.05	3.05	100	2.37	78	--	4H	1W	
102.72	105.77	3.05	2.93	96	1.56	51	--	3H	2W	
105.77	108.81	3.04	2.99	98	1.99	65	--	3H	2W	
108.81	111.86	3.05	3.05	100	1.30	43	--	3H	2W	

KL-14-215

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	0.2	GRD	
3	0.203	GRD	
4	0.27	GRD	
5	0.758	GRD	
6	0.676	GRD	
7	9.73	GRD	
8	14.6	GRD	
9	0.843	GRD	
10	18.3	GRD	
11	0.542	GRD	
12	0.408	GRD	
13	0.873	GRD	
14	15.5	GRD	
15	27.5	GRD	
16	22.3	GRD	
17	20.4	GRD	
18	0.977	GRD	
19	0.432	GRD	
20	0.717	GRD	
21	31	GRD	
22	11.7	GRD	
23	18	GRD	
24	27.7	GRD	
25	16.4	GRD	
26	28.2	GRD	
27	20.7	GRD	
28	21.9	GRD	
29	16.3	GRD	
30	25.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	14.4	GRD	
32	17.3	GRD	
33	2.03	GRD	
34	22.9	GRD	
35	15.1	GRD	
36	0.379	GRD	
37	0.211	GRD	
38	0.309	GRD	
39	0.704	GRD	
40	3.16	GRD	
41	0.17	GRD	
42	0.453	GRD	
43	0.371	GRD	
44	4.8	GRD	
45	0.764	GRD	
46	1.82	GRD	
47	4.37	GRD	
48	28.4	GRD	
49	22.5	GRD	
50	3.09	GRD	
51	0.525	GRD	
52	2.33	GRD	
53	7.43	GRD	
54	0.589	GRD	
55	0.592	GRD	
56	0.631	GRD	
57	0.976	GRD	
58	0.231	GRD	
59	0.694	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	0.329	GRD	
61	7.89	GRD	
62	0.401	GRD	
63	0.545	GRD	
64	0.93	GRD	
65	1.34	GRD	
66	13.3	GRD	
67	0.787	GRD	
68	0.541	GRD	
69	0.266	GRD	
70	0.319	GRD	
71	0.471	GRD	
72	0.459	GRD	
73	0.273	GRD	
74	0.748	GRD	
75	0.732	GRD	
76	0.571	GRD	
77	0.364	GRD	
78	0.363	QFP	
79	0.328	QFP	
80	0.203	QFP	
81	0.959	GRD	
82	0.828	GRD	
83	0.435	GRD	
84	0.503	GRD	
85	0.454	GRD	
86	0.245	GRD	
87	0.673	GRD	
88	0.439	GRD	
89	0.238	GRD	
90	0.398	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
91	0.413	QFP	
92	0.299	QFP	
93	0.326	QFP	
94	0.405	GRD	
95	0.467	GRD	
96	0.477	GRD	
97	1.02	GRD	
98	0.48	GRD	
99	3.94	GRD	
100	10.5	GRD	
101	1.98	GRD	
102	9.28	GRD	
103	21.5	GRD	
104	0.499	GRD	
105	0.559	GRD	
106	0.361	GRD	
107	0.396	GRD	
108	0.185	GRD	
109	0.271	GRD	
110	0.45	GRD	
111	0.477	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382451	6890779	1313.67	105.77

ZONE: Western Klaza

SECTION:

HOLE: KL-14-216

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 1.52m, Out

Drilling Dates: Aug 10 -

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	35.9	-48.7	Reflex
105.76	35	-49.2	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	47.39	45.87	GRD
47.39	48.5	1.11	GRD
48.5	55.74	7.24	GRD
55.74	55.93	0.19	VEN
55.93	57.31	1.38	GRD
57.31	58.39	1.08	GRD
58.39	60.27	1.88	GRD
60.27	105.77	45.5	GRD

SAMPLES	
Numbers:	Q927940, Q933852 to Q933873
Total:	26
Batch:	154, 163
Certificates:	WH14125363, WH14125424

COMMENTS

Box Log

KL-14-216

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	5.97
2	5.97	8.77
3	8.77	11.7
4	11.7	14.8
5	14.8	17.95
6	17.95	20.72
7	20.72	24.05
8	24.05	27.06
9	27.06	29.89
10	29.89	32.76
11	32.76	35.84
12	35.84	38.43
13	38.43	41.55
14	41.55	44.67
15	44.67	47.53
16	47.53	50
17	50	53.1
18	53.1	55.75
19	55.75	58.39
20	58.39	60.92
21	60.92	63.97
22	63.97	66.63
23	66.63	69.23
24	69.23	72.45
25	72.45	75.36
26	75.36	78.18
27	78.18	81.04
28	81.04	84
29	84	86.5
30	86.5	88.92
31	88.92	91.93
32	91.93	94.34
33	94.34	97.68
34	97.68	101.03
35	101.03	104.09
36	104.09	105.77

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-216									
	55.81	11.7	HQ	VEN	1111.5	780.2	3.25	3.4	Western klaza zone massive to semi to massive matrix vein. Quartz-carbonated vein with ankerite and oxide staining along fractures.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
31.41	32.22	0.81	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic overprinted argillic alteration distally form quartz/carbonate veins. Oxidation along fracture surfaces.							
						MD	OR		SIL	3I		
						MD	PK		ARG	3I		
						LT	GN	PA	OXI	3I		
						LT	WH		PHC	3I		
									POT	3I		
33.43	34.17	0.74	GRD	MG	Moderately silicified phyllic envelope around a quartz/pyrite breccia. Moderate oxidation along fracture surfaces.							
						MD	OR		SIL	3I		
						LT	GN	EN	PHC	3I		
									OXI	3I		
45.53	47.39	1.86	GRD	MG	Silicified patches of moderate propyllitic/potassic alteration and moderate phyllic/potassic alteration. Hosts disseminated tourmaline.							
						MD	GY	PA	POT	3I	To	1
						MD	GN		PRO	3I		
						MD	PK		SIL	3I		
						LT	GN		PHC	3I		
47.39	48.50	1.11	GRD	MG	Very rubbly pervasive strongly oxidized potassic overprinted argillic alteration. Oxidation obscures rock textures. Interval is incompetent.							
						MD	OR	RB	OXI	4I		
						LT	WH		ARG	3I		
									POT	2I		
48.50	55.74	7.24	GRD	MG	Pervasive strongly oxidized moderately silicified phyllic altered granodiorite. Hosts an abundance of quartz/carbonate veinlets and oxidized gouge. Oxidation obscures rock textures.							
						MD	OR	RB	OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		
						MD	GY		SIL	3I		
55.74	55.93	0.19	VEN	--	Oxidized smokey quartz vein with blebby oxidized ankerite hosts disseminated to blebby pyrite, sphalerite, galena and disseminated arsenopyrite and jamesonite.							
											As	3
											Jm	3
											Py	5
											Sp	4
											Gn	4
55.93	57.31	1.38	GRD	MG	Pervasive strongly oxidized and pervasive gouge altered silicified phyllic altered granodiorite. Oxidation and gouge alteration obliterates rock textures.							
						MD	OR	RB	OXI	4I		
						MD	GY		SIL	3I		
									PHC	3I		
57.31	58.39	1.08	GRD	MG	Moderately oxidized, weakly hematized, rubbly potassic overprinted argillic altered granodiorite.							
						MD	OR	PA	OXI	3I		
						MD	PK		POT	2I		
						LT	WH		HEM	2I		
						DK	RD		ARG	3I		
58.39	60.27	1.88	GRD	MG	Weakly hematized potassic overprinted argillic altered granodiorite. Moderate oxidation along fracture surfaces.							
						MD	OR		OXI	3I		
						MD	PK		POT	2I		
						LT	WH		HEM	2I		
						DK	RD		ARG	3I		
60.27	71.80	11.53	GRD	MG	Weakly potassic/propyllitic altered granodiorite, moderately silicified. Sporadic patches of rubbly and competent weak potassic/propyllitic overprinted argillic alteration. Weak oxidation and patch hematization along fracture surfaces.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PA	OXI	2I		
						MD	PK		PRO	2I		
						LT	WH		SIL	3I		
						DK	GN		POT	2I		
						DK	RD		ARG	2I		
									HEM	2I		
71.80	74.90	3.10	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration and moderately silicified phyllic envelopes around carbonate +/- quartz veins.							
						MD	PK	RB	PRO	2I		
						LT	WH	PA	POT	2I		
						LT	GN		PHC	3I		
						DK	GN		ARG	3I		
									SIL	3I		
74.90	77.43	2.53	GRD	MG	Alternating patches of fractured/rubbly moderately silicified potassic/propyllitic altered granodiorite and rubbly argillic alteration.							
						MD	PK	PA	SIL	3I		
						LT	WH		PRO	3I		
						DK	GN		POT	3I		
									ARG	3I		
77.43	81.22	3.79	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration and moderately silicified phyllic envelopes around carbonate +/- quartz veins.							
						MD	PK		PRO	2I		
						LT	WH	PA	POT	2I		
						LT	GN		PHC	3I		
						DK	GN		ARG	3I		
									SIL	3I		
81.22	92.40	11.18	GRD	MG	Weakly potassic/propyllitic altered granodiorite, moderately silicified. Sporadic patches of rubbly and competent weak potassic/propyllitic overprinted argillic alteration. Weak oxidation and patch hematization along fracture surfaces.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PA	OXI	2I		
						MD	PK		PRO	2I		
						LT	WH		SIL	3I		
						DK	GN		POT	2I		
						DK	RD		ARG	2I		
									HEM	2I		
92.40	96.80	4.40	GRD	MG	Alternating patches of silicified moderate potassic/propyllitic alteration and moderate propyllitic/potassic overprinted argillic alteration.							
						MD	GY	PA	SIL	3I		
						MD	PK		PRO	3I		
						LT	WH		ARG	3I		
						DK	GN		POT	3I		
96.80	103.97	7.17	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration and moderately silicified phyllic envelopes around carbonate +/- quartz veins.							
						MD	PK		PRO	2I		
						LT	WH	PA	POT	2I		
						LT	GN		PHC	3I		
						DK	GN		ARG	3I		
									SIL	3I		
103.97	105.77	1.80	GRD	MG	Weakly potassic/propyllitic altered granodiorite, moderately silicified. Sporadic patches of rubbly and competent weak potassic/propyllitic overprinted argillic alteration. Weak oxidation and patch hematization along fracture surfaces.							
						MD	GY	PA	OXI	2I		
						MD	PK		PRO	2I		
						LT	WH		SIL	3I		
						DK	GN		POT	2I		
						DK	RD		ARG	2I		
									HEM	2I		

KL-14-216

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	47.39	45.87	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately oxidized fracture surfaces.							
						MD	OR		POT	2I		
						MD	GY		OXI	3I		
									PRO	2I		
47.39	48.50	1.11	GRD	MG	Very rubbly pervasive strongly oxidized potassic overprinted argillic alteration. Oxidation obscures rock textures. Interval is incompetent.							
						LT	WH		POT	2I		
									OXI	4I		
						MD	OR	RB	ARG	3I		
48.50	55.74	7.24	GRD	MG	Pervasive strongly oxidized moderately silicified phyllic altered granodiorite. Hosts an abundance of quartz/carbonate veinlets and oxidized gouge. Oxidation obscures rock textures.							
						MD	OR	RB	OXI	4I		
						MD	GY		SIL	3I		
						MD	GN		PHC	3I		
55.74	55.93	0.19	VEN	--	Oxidized smokey quartz vein with blebby oxidized ankerite hosts disseminated to blebby pyrite, sphalerite, galena and disseminated arsenopyrite and jamesonite.							
											Py	5
											As	3
											Jm	3
											Sp	4
											Gn	4
55.93	57.31	1.38	GRD	MG	Pervasive strongly oxidized and pervasive gouge altered silicified phyllic altered granodiorite. Oxidation and gouge alteration obliterates rock textures.							
									PHC	3I		
						MD	OR	RB	OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	3I		
57.31	58.39	1.08	GRD	MG	Moderately oxidized, weakly hematized, rubbly potassic overprinted argillic altered granodiorite.							
						LT	WH		HEM	2I		
						DK	RD		ARG	3I		
						MD	PK		POT	2I		
						MD	OR	PA	OXI	3I		
58.39	60.27	1.88	GRD	MG	Weakly hematized potassic overprinted argillic altered granodiorite. Moderate oxidation along fracture surfaces.							
						MD	OR		OXI	3I		
						DK	RD		ARG	3I		
						LT	WH		HEM	2I		
						MD	PK		POT	2I		
60.27	105.77	45.50	GRD	MG	Weakly potassic/propyllitic altered granodiorite, moderately silicified. Sporadic patches of rubbly and competent weak potassic/propyllitic overprinted argillic alteration. Weak oxidation and patch hematization along fracture surfaces.							
						MD	GY	PA	OXI	2I		
						LT	WH		SIL	3I		
						DK	GN		POT	2I		
						MD	PK		PRO	2I		
						DK	RD		ARG	2I		
									HEM	2I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	5.18	3.66	1.53	42	0.60	16	--	4H	2W	
5.18	8.23	3.05	2.29	75	0.91	30	--	4H	2W	
8.23	11.28	3.05	3.05	100	2.06	68	--	4H	2W	
11.28	14.33	3.05	2.9	95	2.18	71	--	4H	2W	
14.33	17.37	3.04	2.84	93	1.90	63	--	4H	2W	
17.37	20.42	3.05	3.02	99	1.54	50	--	4H	2W	
20.42	23.47	3.05	2.78	91	2.13	70	--	4H	2W	
23.47	26.52	3.05	3.04	100	2.34	77	--	4H	2W	
26.52	29.57	3.05	2.84	93	2.26	74	--	4H	2W	
29.57	32.61	3.04	2.82	93	1.52	50	--	4H	2W	
32.61	35.66	3.05	2.79	91	2.17	71	--	3H	2W	
35.66	38.71	3.05	3.01	99	2.13	70	--	4H	2W	
38.71	41.76	3.05	2.23	73	1.10	36	--	4H	2W	
41.76	44.81	3.05	2.81	92	1.49	49	--	4H	2W	
44.81	47.86	3.05	2.44	80	1.43	47	--	1H	2W	
47.86	50.90	3.04	2.42	80	0.77	25	--	1H	4W	
50.90	53.95	3.05	2.67	88	0.49	16	--	2H	4W	
53.95	57.00	3.05	2.59	85	0.24	8	--	1H	3W	
57.00	60.05	3.05	2.37	78	0.00	0	--	2H	1W	
60.05	63.10	3.05	2.25	74	0.58	19	--	1H	1W	
63.10	66.15	3.05	2.2	72	0.39	13	--	3H	1W	
66.15	69.20	3.05	2.66	87	0.79	26	--	2H	1W	
69.20	72.24	3.04	1.79	59	0.00	0	--	3H	1W	
72.24	75.29	3.05	2.14	70	0.51	17	--	2H	1W	
75.29	78.33	3.04	1.88	62	0.56	18	--	1H	4W	
78.33	81.38	3.05	2.71	89	1.17	38	--	3H	3W	
81.38	84.43	3.05	1.72	56	0.68	22	--	1H	3W	
84.43	87.48	3.05	2.99	98	1.66	54	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	1.64	54	--	4H	1W	
90.53	93.57	3.04	3	99	2.10	69	--	3H	1W	
93.57	96.62	3.05	2.89	95	1.85	61	--	3H	1W	
96.62	99.67	3.05	2.94	96	2.70	89	--	3H	1W	
99.67	102.72	3.05	3.05	100	2.31	76	--	4H	1W	
102.72	105.77	3.05	3.05	100	2.31	76	--	3H	1W	EOH

KL-14-216

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	14.8	GRD	
4	12.5	GRD	
5	13.9	GRD	
6	8.81	GRD	
7	16.8	GRD	
8	14.1	GRD	
9	13.9	GRD	
10	15.7	GRD	
11	15.5	GRD	
12	6.33	GRD	
13	17.1	GRD	
14	14.4	GRD	
15	11.4	GRD	
16	9.46	GRD	
17	13.4	GRD	
18	5.62	GRD	
19	12.1	GRD	
20	2.92	GRD	
21	14.8	GRD	
22	1.25	GRD	
23	4.51	GRD	
24	0.297	GRD	
25	0.432	GRD	
26	0.369	GRD	
27	0.312	GRD	
28	2.8	GRD	
29	1.17	GRD	
30	0.459	GRD	
31	7.21	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	0.854	GRD	
33	0.365	GRD	
34	0.382	GRD	
35	0.643	GRD	
36	8.76	GRD	
37	1.5	GRD	
38	10	GRD	
39	1.83	GRD	
40	0.409	GRD	
41	0.256	GRD	
42	0.296	GRD	
43	0.38	GRD	
44	0.451	GRD	
45	0.397	GRD	
46	0.388	GRD	
47	2.4	GRD	
48	0.489	GRD	
49	0.408	GRD	
50	0.331	GRD	
51	0.235	GRD	
52	0.333	GRD	
53	0.259	GRD	
54	0.26	GRD	
55	1.45	GRD	
56	0.397	GRD	
57	1.05	GRD	
58	4.09	GRD	
59	0.586	GRD	
60	12.8	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	3.94	GRD	
62	0.79	GRD	
63	0.91	GRD	
64	0.546	GRD	
65	0.592	GRD	
66	0.283	GRD	
67	0.728	GRD	
68	0.336	GRD	
69	0.339	GRD	
70	0.311	GRD	
71	0.416	GRD	
72	0.314	GRD	
73	0.275	GRD	
74	0.421	GRD	
75	0.245	GRD	
76	4.3	GRD	
77	2.66	GRD	
78	7.39	GRD	
79	4.12	GRD	
80	1.3	GRD	
81	0.665	GRD	
82	18.3	GRD	
83	1.17	GRD	
84	15.6	GRD	
85	21.5	GRD	
86	21.7	GRD	
87	1.58	GRD	
88	5.3	GRD	
89	11.5	GRD	
90	0.435	GRD	
91	0.58	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
92	18.4	GRD	
93	20.9	GRD	
94	19.1	GRD	
95	20.7	GRD	
96	19.4	GRD	
97	2	GRD	
98	1.05	GRD	
99	0.664	GRD	
100	6.71	GRD	
101	1.54	GRD	
102	15.7	GRD	
103	14	GRD	
104	0.874	GRD	
105	0.455	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382723	6889271	1440.33	108.81

ZONE: Central BRX

SECTION:

HOLE: KL-14-217

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 6.1m, Out

Drilling Dates: Aug 10 - Aug 11, 2014

Geology Logged By: H. Friday

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	37	-50.7	Reflex
105.76	36.9	-51.5	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.27	2.27	CAS
2.27	3.35	1.08	GRD
3.35	8.34	4.99	GRD
8.34	8.7	0.36	QFP
8.7	8.95	0.25	BXA
8.95	12.19	3.24	QFP
12.19	14.65	2.46	GRD
14.65	15.92	1.27	GRD
15.92	18.88	2.96	GRD
18.88	19.49	0.61	GRD
19.49	20.8	1.31	GRD
20.8	21.77	0.97	GRD
21.77	25.15	3.38	GRD
25.15	25.85	0.7	GRD
25.85	29.56	3.71	GRD
29.56	33.42	3.86	GRD

SAMPLES	
Numbers:	Q927945 to Q927950, Q927959 to Q927963, Q935752 to Q935842
Total:	104
Batch:	155, 157, 159, 160, 163
Certificates:	WH14125363, WH14125421, WH14125422, WH14125423, WH14125426

COMMENTS

33.42	40.37	6.95	GRD
40.37	42.59	2.22	GRD
42.59	44.47	1.88	GRD
44.47	46.44	1.97	GRD
46.44	53.05	6.61	GRD
53.05	54.55	1.5	GRD
54.55	55.02	0.47	BXA
55.02	56.08	1.06	QFP
56.08	56.52	0.44	BXA
56.52	58	1.48	GRD
58	58.26	0.26	VEN
58.26	58.95	0.69	GRD
58.95	65.38	6.43	QFP
65.38	71.39	6.01	GRD
71.39	71.79	0.4	BXA
71.79	72.18	0.39	QFP
72.18	73.9	1.72	QFP
73.9	74.05	0.15	VEN
74.05	79.6	5.55	GRD
79.6	79.88	0.28	VEN
79.88	80.81	0.93	GRD
80.81	81.52	0.71	VEN
81.52	85.78	4.26	GRD
85.78	86.55	0.77	QFP
86.55	97.93	11.38	GRD
97.93	99.21	1.28	GRD
99.21	100.12	0.91	GRD
100.12	108.81	8.69	GRD

Box Log

KL-14-217

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.27	5.93
2	5.93	10.08
3	10.08	14.33
4	14.33	18.48
5	18.48	22.66
6	22.66	27
7	27	31.31
8	31.31	35.36
9	35.36	39.65
10	39.65	43.8
11	43.8	47.85
12	47.85	52.08
13	52.08	56.23
14	56.23	60.24
15	60.24	64.38
16	64.38	68.56
17	68.56	72.57
18	72.57	76.66
19	76.66	80.62
20	80.62	84.56
21	84.56	88.88
22	88.88	93.09
23	93.09	97.23
24	97.23	101.44
25	101.44	105.66
26	105.66	108.81

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-217									
	56.39		NQ2	BXA	405.6	259.2	2.8	2.8	Smoky quartz breccia with vermicular textures, calcite blebbs and disseminated pyrite.
	58	9.8	NQ2	GRD	643.8	430	3.09	3.0	Smoky quartz vein with blebby galena, pyrite and ankerite with minor breccia textures about ankerite veinlet.
	58	9.8	NQ2	VEN	643.8	430	3.09	3.0	Smoky quartz vein with blebby galena, pyrite and ankerite with minor breccia textures about ankerite veinlet.
	71.54	9.5	NQ2	BXA	586.2	411.4	2.91	3.4	Breccia hosting quartz and pyrite blebs with fine darke grey matrix hosting blebby sulphides including arsenopyrite.

KL-14-217

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.35	8.34	4.99	GRD	MG	Mainly mineralized phyllic altered granodiorite with local argillic patches throughout. Pervasive oxidation through interval.							
						MD	GN	MA	OXI	3I	Py	2
						MD	GY		PHC	4I	Sp	0.5
						LT	GN		ARG	2I	Gn	0.1
8.34	8.70	0.36	QFP	FG	Mid-brown greenish quartz feldspar porphyry dyke with chlorite altered phenocrysts. Oxidation on fracture surfaces. First 12 cm of contact heavily oxidized and gougey - no dyke orientation available.							
						MD	BN	PO	OXI	2I		
						MD	GN					
8.70	8.95	0.25	BXA	MG	Rubbly silicified breccia. Gouge upper contact into Dyke (10cm). Clasts mainly quartz and carbonate. Blebby to disseminated pyrite throughout matrix. Blebby galena and sphalerite.							
						DK	GY	BX	SIL	5I	Gn	1
									OXI	2I	Py	5
											Sp	2
8.95	11.66	2.71	QFP	FG	Quartz-feldspar porphyry dyke. Mid-brown to greenish with chlorite altered phenocrysts. Oxidation on fracture surfaces. Local gouge seams throughout.							
						MD	BN	PO	OXI	2I		
						MD	GN					
11.66	12.19	0.53	QFP	FG	Heavily clay altered and sheared quartz-feldspar porphyry dyke. Local clay gouge seams throughout.							
						MD	GN	SH	CLY	4I		
						MD	BN	PO	OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
12.19	14.65	2.46	GRD	MG	Heavily clay altered phyllic granodiorite. Interval mainly gouge. Disseminated pyrite throughout gouge and often banded. Clay/gouge stringers seen through more competent segments of granodiorite.							
						MD	GY	SH	CLY	5I	Py	2
						LT	GY		PHC	4I		
14.65	15.92	1.27	GRD	MG	Brecciated phyllic granodiorite. Numberous mineralized veinletts and veins throughout. Granodiorite hosting disseminated pyrite. Breccia from quartz, carbonate and clay stringers/veinletts. Blebby sulphides locally. Moderate oxidation.							
						MD	GY	BX	CLY	3I	Py	5
									OXI	3I	Gn	3
									PHC	5I	Sp	2
15.92	18.88	2.96	GRD	MG	Strongly phyllic altered granodiorite hosting numerous mineralized veins and veinletts. Disseminated pyrite throughout. Blebby sphalerite and galena in veins. Moderate oxidation on fracture surfaces. Locally silicified.							
						MD	GY		PHC	4I	Py	3
						LT	GN		SIL	3I	Sp	0.5
									OXI	2I	Gn	0.5
18.88	19.49	0.61	GRD	MG	Unaltered, unoxidized granodiorite.							
						MD	GY	MA				
19.49	20.80	1.31	GRD	MG	Argillic altered granodiorite with moderate oxidation on fracture surfaces.							
						LT	GY	MA	ARG	5I		
						LT	BN		PHC	1I		
									OXI	3I		
20.80	21.77	0.97	GRD	MG	Moderately phyllic altered and silicified granodiorite hosting disseminated pyrite. Blebby pyrite seen in veins.							
						MD	GN	MA	PHC	4I	Py	2
						LT	GY		SIL	2I		
									OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
21.77	25.15	3.38	GRD	MG	Pervasively oxidized argillic altered granodiorite. Entire core oxiedized. Local weakly mineralized veinlets/veins throughout.							
						MD	BN	MA	ARG	4I		
						LT	GY					
25.15	25.85	0.70	GRD	MG	Phyllic altered granodiorite. Local silicification. Disseminated pyrite throughout. Blebby galena, sphalerite, pyrite seen in veins and veinletts throughout. Moderate oxidation.							
						MD	GN	MA	PHC	5I	Py	5
						MD	GY		SIL	2I	Gn	3
											Sp	2
25.85	29.56	3.71	GRD	MG	Argillic altered granodiorite. Moderate oxidation. Select weakly minearalized veinletts.							
						LT	GY	MA	ARG	4I		
29.56	30.81	1.25	GRD	MG	Phyllic altered mineralized granodiorite. Moderate to strong oxidation locally throughout entire core. Clay stringers throughout.							
						MD	GY	MA	PHC	4I	Py	2
						MD	BN		CLY	3I	Go	2
30.81	31.21	0.40	GRD	MG	Interval moderately brecciated with vuggs. Coated in goethite and limonite. Quite rubbly. Small pyrite blebs seen.							
						MD	BN	MA				
						DK	BN	BX				
32.61	33.42	0.81	GRD	MG	Clay gouged phyllic granodiorite zone. Disseminated pyrite bands seen in gouge. Local hemaite staining.							
						MD	GY		CLY	5I	He	1
						LT	GN	SH	OXI	2I	Py	1
									PHC	4I		
33.42	40.37	6.95	GRD	MG	Pervasively oxidized argillic granodiorite. Local clay throughout.							
						MD	GN	MA	OXI	3I		
						LT	BN		ARG	4I		
									CLY	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
40.37	42.59	2.22	GRD	MG	Heavily phyllic altered granodiorite with minor argillic patches and local oxidation on fractures. No mineralization.							
						LT	GN	MA	OXI	2I		
						LT	GY		PHC	4I		
									ARG	2I		
42.59	44.47	1.88	GRD	FG	Intensly silicified phyllic granodiorite destroying majority of textures. Reddish brown. Calcite veinlets throughout. Local clay seams/clay on fractures.							
						MD	BN	MA	OXI	3I		
						MD	RD		SIL	5I		
									PHC	3I		
									CLY	2I		
44.47	46.44	1.97	GRD	MG	Patchy phyllic granodiorite with local argillic. Moderately oxidized-often oxidized through the whole core. Local disseminated to banded pyrite.							
						MD	GN	MA	OXI	3I	Py	1
						LT	BN		PHC	4I		
									ARG	2I		
46.44	53.05	6.61	GRD	MG	Unaltered granodiorite with local oxidation on fractures. Smaller zone of argillic with extreme oxidation and rubbly at 47.60-47.85m.							
						MD	GY	MA	OXI	2I		
									ARG	1I		
53.05	54.55	1.50	GRD	MG	Phyllic and argillic granodiorite with local pervasive oxidation.							
						MD	GY	MA	OXI	3I		
						LT	GN		PHC	2I		
									ARG	2I		
54.55	55.02	0.47	BXA	MG	Vuggy and silicified breccia. Dark grey fine-grained clasts-silicified locally. Mainly quartz-flooding. Clat and calcite stringers throughout. Disseminated and blebby pyrite. Rubbly contact with quartz feldspar porphyry dyke.							
						MD	GY	BX	OXI	2I	Py	1
						MD	BN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
55.02	56.08	1.06	QFP	FG	Medium brown dyke-very few phenocrysts. Lower contact with granodiorite is brecciated.							
						MD	BN	PO	OXI	2I		
56.08	56.52	0.44	BXA	MG	Weak mineralized contact breccia. Patchy phyllic granodiorite throughout. Extensive quartz and carbonate veinlet/vein. Moderate to strong oxidatoin. Clay seams throughout.							
						MD	GY	BX	OXI	3I	Py	1
						MD	BN		SIL	3I		
									PHC	3I		
									CLY	2I		
56.52	58.00	1.48	GRD	MG	Strongly oxidized phyllic granodiorite. Pervasive oxidation through whole core. Extensive carbonate stringers. Local disseminated pyrite. Clay seams. Lower contact with vein has 18cm of gouge.							
						MD	BN	MA	OXI	3I	Py	1
						MD	GN		PHC	5I		
									CLY	2I		
58.00	58.26	0.26	VEN	FG	Banded vein. Quartz with minor carbonate-smoky quartz hosting blebby galena, sphalerite, and pyrite. Locally vuggy. Oxidation on fractures, with select clay seams. Upper contact at 50 TCA. Lower contact is rubbly.							
						MD	GY	BN	OXI	2I	Gn	4
						DK	GY				Sp	2
											Py	10
58.26	58.95	0.69	GRD	MG	Interfingering phyllic phyllic granodiorite and quartz feldspar porphyry dyke. Segments ~20cm wide. Granodiorite often from banded near contacts. Clay alteration seen on fractures. Pervasively oxidized. Pyrite blebs seen throughout granodiorite segments.							
						MD	GN		OXI	3I	Py	1
						MD	BN		PHC	3I		
									CLY	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
58.95	65.38	6.43	QFP	FG	Quartz feldspar porphyry dyke with large 5mm phenocrysts (typically rectangular) and are very abundant. Comparable to pearl porphyry? Locally altered and silicified surround mineralized carbonate veinlet/vein. Carbonate veinlet/vein hosting pyrite, sphalerite, and galena. Local pervasive oxidation.							
						MD	BN		OXI	2I	Gn	1
						MD	GY				Sp	1
											Py	1
65.38	71.39	6.01	GRD	MG	Mineralized phyllic granodiorite. Pyrite disseminated and stringers throughout. Local zones with argillic overprint. Pervasive calcite veinlets throughout. Oxidation moderate locally altering entire core. Clay seams occasionally.							
						MD	GY	MA	OXI	3I	Py	3
						LT	BN		PHC	5I		
									ARG	2I		
									CLY	2I		
71.39	71.79	0.40	BXA	FG	Breccia zone. Heavily mineralized: blebby-disseminated pyrite throughout. Arsenopyrite disseminated through matrix. Very fine grained matrix: dark grey with quartz and carbonate clasts throughout. Contact at 50 TCA.							
						DK	GY	BX	OXI	2I	Py	40
											As	10
71.79	72.18	0.39	QFP	FG	Heavily sheared and clay altered quartz feldspar porphyry dyke (?). Local visible dyke. Majority of this interval is gouge. Colour banding throughout.							
						LT	GY	SH	CLY	5I	Py	0
								PO				
72.18	73.90	1.72	QFP	FG	Quartz feldspar porphyry dyke. Elongate (sheared?) pink and white irregular phenocrysts throughout. Possible hematite overprint? Rhodochrosite? Clay stringers throughout.							
						LT	GY	SH	CLY	1I	Py	0.1
73.90	74.05	0.15	VEN	FG	Banded massive sulphide vein. Bands and banded blebs of pyrite, sphalerite, and galena. Upper contact into dyke at 60 TCA.							
								MA			Py	50
											Sp	10

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Gn	5
74.05	79.60	5.55	GRD	MG	Mineralized phyllic granodiorite. Moderate oxidation throughout. Disseminated pyrite throughout granodiorite. Blebby pyrite and honey brown sphalerite in quartz-carbonate veinlets/veins throughout. Oxidized clay seams throughout.							
						MD	GN		OXI	2I	Py	5
						DK	GY		PHC	5I	Sp	2
									SIL	2I		
									CLY	2I		
79.88	80.81	0.93	GRD	MG	Mineralized phyllic granodiorite. Moderate oxidation throughout. Disseminated pyrite throughout granodiorite. Blebby pyrite and honey brown sphalerite in quartz-carbonate veinlets/veins throughout. Oxidized clay seams throughout.							
						MD	GN		OXI	2I	Py	5
						DK	GY		PHC	5I	Sp	2
									SIL	2I		
									CLY	2I		
81.52	85.78	4.26	GRD	MG	Phyllic mineralized granodiorite with local zones of propylitic overprint. Local pervasive oxidation altering entire core. Disseminated pyrite throughout, and pyrite, arsenopyrite, and sphalerite are seen in carbonate veins/veinlets. Local zones of breccia caused by carbonate flooding.							
						MD	GN	MA	OXI	3I		
						DK	GY		PHC	5I		
									PRO	2I		
85.78	86.55	0.77	QFP	FG	Quartz feldspar porphyry dyke-grey matrix with large, abundant, well-formed phenocrysts. Phenocrysts are white-light green. Extensive white-pink carbonate veinlets/stringers throughout.							
						MD	GY	PO				
						MD	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
86.55	97.93	11.38	GRD	MG	Phyllic mineralized granodiorite. Pyrite seen disseminated throughout and in pyrite-quartz or quartz-carbonate stringers/veins/veinlets. Local chalcopyrite and sphalerite also seen in veinlets. Local patchy argillic overprint.							
						MD	GN	MA	PHC	5I	Py	5
						MD	GY		ARG	1I	Sp	0.1
											Cp	0.1
97.93	99.21	1.28	GRD	MG	Extremely propylitic altered granodiorite with silicification. Quartz eyes throughout. No mineralization.							
						DK	GY	MA	SIL	4I		
						DK	GN		PHC	5I		
99.21	100.12	0.91	GRD	MG	Mineralized phyllic granodiorite. Local pervasive oxidation and clay seams throughout. Pyrite bands and disseminated pyrite throughout. Carbonate stringers.							
						MD	GN	MA	OXI	2I	Py	5
						MD	GY		PHC	5I		
									SIL	2I		
									CLY	2I		
100.12	108.81	8.69	GRD	MG	Patchy phyllic and argillic alteration halos around veinlets in fresh granodiorite. Local oxidation on fractures.							
						MD	GY		OXI	2I	Py	1
									ARG	2I		
									PHC	3I		

KL-14-217

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
2.27	3.35	1.08	GRD	MG	Heavily oxidized unaltered granodiorite.							
						MD	BN	MA	OXI	4I		
						MD	GY					
3.35	8.34	4.99	GRD	MG	Mainly mineralized phyllic altered granodiorite with local argillic patches throughout. Pervasive oxidation through interval.							
						MD	GY		PHC	4I	Sp	0.5
						MD	GN	MA	OXI	3I	Py	2
						LT	GN		ARG	2I	Gn	0.1
8.34	8.70	0.36	QFP	FG	Mid-brown greenish quartz feldspar porphyry dyke with chlorite altered phenocrysts. Oxidation on fracture surfaces. First 12 cm of contact heavily oxidized and gougey - no dyke orientation available.							
						MD	GN					
						MD	BN	PO	OXI	2I		
8.70	8.95	0.25	BXA	MG	Rubbly silicified breccia. Gouge upper contact into Dyke (10cm). Clasts mainly quartz and carbonate. Blebby to disseminated pyrite throughout matrix. Blebby galena and sphalerite.							
						DK	GY	BX	SIL	5I	Gn	1
									OXI	2I	Sp	2
											Py	5
8.95	12.19	3.24	QFP	FG	Quartz-feldspar porphyry dyke. Mid-brown to greenish with chlorite altered phenocrysts. Oxidation on fracture surfaces. Local gouge seams throughout.							
						MD	GN	PO	OXI	2I		
						MD	BN					
12.19	14.65	2.46	GRD	MG	Heavily clay altered phyllic granodiorite. Interval mainly gouge. Disseminated pyrite throughout gouge and often banded. Clay/gouge stringers seen through more competent segments of granodiorite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	SH	CLY	5I	Py	2
						LT	GY		PHC	4I		
14.65	15.92	1.27	GRD	MG	Brecciated phyllic granodiorite. Numberous mineralized veinletts and veins throughout. Granodiorite hosting disseminated pyrite. Breccia from quartz, carbonate and clay stringers/veinletts. Blebby sulphides locally. Moderate oxidation.							
									PHC	5I	Sp	2
											Gn	3
						MD	GY	BX	CLY	3I	Py	5
15.92	18.88	2.96	GRD	MG	Strongly phyllic altered granodiorite hosting numerous mineralized veins and veinletts. Disseminated pyrite throughout. Blebby sphalerite and galena in veins. Moderate oxidation on fracture surfaces. Locally silicified.							
									OXI	2I	Gn	0.5
						LT	GN		SIL	3I	Sp	0.5
						MD	GY	MA	PHC	4I	Py	3
18.88	19.49	0.61	GRD	MG	Unaltered unoxidized granodiorite.							
						MD	GY	MA				
19.49	20.80	1.31	GRD	MG	Argillic altered granodiorite with moderate oxidation on fracture surfaces.							
						LT	GY	MA	ARG	5I		
						LT	BN		PHC	1I		
									OXI	3I		
20.80	21.77	0.97	GRD	MG	Moderately phyllic altered and silicified granodiorite hosting disseminated pyrite. Blebby pyrite seen in veins.							
						MD	GN	MA	PHC	4I	Py	2
									OXI	2I		
									ARG	4I		
						LT	GY		SIL	2I		
21.77	25.15	3.38	GRD	MG	Pervasively oxidized argillic altered granodiorite. Entire core oxiedized. Local weakly mineralized veinlets/veins throughout.							
						LT	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BN	MA	ARG	4I		
25.15	25.85	0.70	GRD	MG	Phyllic altered granodiorite. Local silicification. Disseminated pyrite throughout. Blebby galena, sphalerite, pyrite seen in veins and veinletts throughout. Moderate oxidation.							
						MD	GY		SIL	2I	Gn	3
											Sp	2
						MD	GN	MA	PHC	5I	Py	5
25.85	29.56	3.71	GRD	MG	Argillic altered granodiorite. Moderate oxidation. Select weakly mineararalized veinletts.							
						LT	GY	MA	ARG	4I		
29.56	33.42	3.86	GRD	MG	Phyllic altered mineralized granodiorite. Moderate to strong oxidation locally throughout entire core. Clay stringers throughout.							
						MD	GY	MA	PHC	4I	Py	2
						MD	BN		CLY	3I	Go	2
33.42	40.37	6.95	GRD	MG	Pervasively oxidized argillic granodiorite. Local clay throughout.							
						LT	BN		ARG	4I		
									CLY	2I		
						MD	GN	MA	OXI	3I		
40.37	42.59	2.22	GRD	MG	Heavily phyllic altered granodiorite with minor argillic patches and local oxidation on fractures. No mineralization.							
						LT	GY		PHC	4I		
						LT	GN	MA	OXI	2I		
									ARG	2I		
42.59	44.47	1.88	GRD	FG	Intensly silicified phyllic granodiorite destroying majority of textures. Reddish brown. Calcite veinlets throughout. Local clay seams/clay on fractures.							
									PHC	3I		
						MD	RD		SIL	5I		
						MD	BN	MA	OXI	3I		
									CLY	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
44.47	46.44	1.97	GRD	MG	Patchy phyllic granodiorite with local argillic. Moderately oxidized-often oxidized through the whole core. Local disseminated to banded pyrite.							
						MD	GN	MA	OXI	3I	Py	1
						LT	BN		PHC	4I		
									ARG	2I		
46.44	53.05	6.61	GRD	MG	Unaltered granodiorite with local oxidation on fractures. Smaller zone of argillic with extreme oxidation and rubbly at 47.60-47.85m.							
									ARG	1I		
						MD	GY	MA	OXI	2I		
53.05	54.55	1.50	GRD	MG	Phyllic and argillic granodiorite with local pervasive oxidation.							
						LT	GN		PHC	2I		
									ARG	2I		
						MD	GY	MA	OXI	3I		
54.55	55.02	0.47	BXA	MG	Vuggy and silicified breccia. Dark grey fine-grained clasts-silicified locally. Mainly quartz-flooding. Clat and calcite stringers throughout. Disseminated and blebby pyrite. Rubbly contact with quartz feldspar porphyry dyke.							
						MD	BN		SIL	3I		
						MD	GY	BX	OXI	2I	Py	1
55.02	56.08	1.06	QFP	FG	Medium brown dyke-very few phenocrysts. Lower contact with granodiorite is brecciated.							
						MD	BN	PO	OXI	2I		
56.08	56.52	0.44	BXA	MG	Weak mineralized contact breccia. Patchy phyllic granodiorite throughout. Extensive quartz and carbonate veinlet/vein. Moderate to strong oxidatoin. Clay seams throughout.							
						MD	BN		SIL	3I		
									PHC	3I		
									CLY	2I		
						MD	GY	BX	OXI	3I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
56.52	58.00	1.48	GRD	MG	Strongly oxidized phyllic granodiorite. Pervasive oxidation through whole core. Extensive carbonate stringers. Local disseminated pyrite. Clay seams. Lower contact with vein has 18cm of gouge.							
						MD	BN	MA	OXI	3I	Py	1
						MD	GN		PHC	5I		
									CLY	2I		
58.00	58.26	0.26	VEN	FG	Banded vein. Quartz with minor carbonate-smoky quartz hosting blebby galena, sphalerite, and pyrite. Locally vuggy. Oxidation on fractures, with select clay seams. Upper contact at 50 TCA. Lower contact is rubbly.							
						MD	GY	BN	OXI	2I	Gn	4
						DK	GY				Sp	2
											Py	10
58.26	58.95	0.69	GRD	MG	Interfingering phyllic phyllic granodiorite and quartz feldspar porphyry dyke. Segments ~20cm wide. Granodiorite often from banded near contacts. Clay alteration seen on fractures. Pervasively oxidized. Pyrite blebs seen throughout granodiorite segments.							
						MD	BN		PHC	3I		
									CLY	3I		
						MD	GN		OXI	3I	Py	1
58.95	65.38	6.43	QFP	FG	Quartz feldspar porphyry dyke with large 5mm phenocrysts (typically rectangular) and are very abundant. Comparable to pearl porphyry? Locally altered and silicified surround mineralized carbonate veinlet/vein. Carbonate veinlet/vein hosting pyrite, sphalerite, and galena. Local pervasive oxidation.							
						MD	GY				Sp	1
											Py	1
						MD	BN		OXI	2I	Gn	1
65.38	71.39	6.01	GRD	MG	Mineralized phyllic granodiorite. Pyrite disseminated and stringers throughout. Local zones with argillic overprint. Pervasive calcite veinlets throughout. Oxidation moderate locally altering entire core. Clay seams occasionally.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	MA	OXI	3I	Py	3
						LT	BN		PHC	5I		
									ARG	2I		
									CLY	2I		
71.39	71.79	0.40	BXA	FG	Breccia zone. Heavily mineralized: blebby-disseminated pyrite throughout. Arsenopyrite disseminated through matrix. Very fine grained matrix: dark grey with quartz and carbonate clasts throughout. Contact at 50 TCA.							
											As	10
						DK	GY	BX	OXI	2I	Py	40
71.79	72.18	0.39	QFP	FG	Heavily sheared and clay altered quartz feldspar porphyry dyke (?). Local visible dyke. Majority of this interval is gouge. Colour banding throughout.							
						LT	GY	SH	CLY	5I	Py	0
								PO				
72.18	73.90	1.72	QFP	FG	Quartz feldspar porphyry dyke. Elongate (sheared?) pink and white irregular phenocrysts throughout. Possible hematite overprint? Rhodochrosite? Clay stringers throughout.							
						LT	GY	PO	CLY	1I		
73.90	74.05	0.15	VEN	FG	Banded massive sulphide vein. Bands and banded blebs of pyrite, sphalerite, and galena. Upper contact into dyke at 60 TCA.							
											Sp	10
								MA			Py	50
											Gn	5
74.05	79.60	5.55	GRD	MG	Mineralized phyllic granodiorite. Moderate oxidation throughout. Disseminated pyrite throughout granodiorite. Blebby pyrite and honey brown sphalerite in quartz-carbonate veinlets/veins throughout. Oxidized clay seams throughout.							
						MD	GN		OXI	2I	Py	5
						DK	GY		PHC	5I	Sp	2
									SIL	2I		
									CLY	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
79.88	80.81	0.93	GRD	MG	Mineralized phyllic granodiorite. Moderate oxidation throughout. Disseminated pyrite throughout granodiorite. Blebby pyrite and honey brown sphalerite in quartz-carbonate veinlets/veins throughout. Oxidized clay seams throughout.							
						MD	GN		OXI	2I	Py	5
						DK	GY		PHC	5I	Sp	2
									SIL	2I		
									CLY	2I		
81.52	85.78	4.26	GRD	MG	Phyllic mineralized granodiorite with local zones of propylitic overprint. Local pervasive oxidation altering entire core. Disseminated pyrite throughout, and pyrite, arsenopyrite, and sphalerite are seen in carbonate veins/veinlets. Local zones of breccia caused by carbonate flooding.							
									PRO	2I		
						MD	GN	MA	OXI	3I		
						DK	GY		PHC	5I		
85.78	86.55	0.77	QFP	FG	Quartz feldspar porphyry dyke-grey matrix with large, abundant, well-formed phenocrysts. Phenocrysts are white-light green. Extensive white-pink carbonate veinlets/stringers throughout.							
						MD	GY	PO				
						MD	GN					
86.55	97.93	11.38	GRD	MG	Phyllic mineralized granodiorite. Pyrite seen disseminated throughout and in pyrite-quartz or quartz-carbonate stringers/veins/veinlets. Local chalcopyrite and sphalerite also seen in veinlets. Local patchy argillic overprint.							
						MD	GN	MA	PHC	5I	Py	5
						MD	GY		ARG	1I	Sp	0.1
											Cp	0.1
97.93	99.21	1.28	GRD	MG	Extremely propylitic altered granodiorite with silicification. Quartz eyes throughout. No mineralization.							
						DK	GY	MA	SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PHC	5I		
99.21	100.12	0.91	GRD	MG	Mineralized phyllic granodiorite. Local pervasive oxidation and clay seams throughout. Pyrite bands and disseminated pyrite throughout. Carbonate stringers.							
						MD	GN	MA	OXI	2I	Py	5
						MD	GY		PHC	5I		
									SIL	2I		
									CLY	2I		
100.12	108.81	8.69	GRD	MG	Patchy phyllic and argillic alteration halos around veinlets in fresh granodiorite. Local oxidation on fractures.							
						MD	GY		OXI	2I	Py	1
									PHC	3I		
									ARG	2I		

KL-14-217

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.27	2.27	0	0	0.00	0	0R	--	--	
2.27	5.18	2.91	2.38	82	1.86	64	--	2H	3W	
5.18	8.23	3.05	2.96	97	1.86	61	--	3H	3W	
8.23	11.28	3.05	2.86	94	1.01	33	--	3H	2W	
11.28	14.33	3.05	3.05	100	0.54	18	--	1H	1W	
14.33	17.37	3.04	2.96	97	0.92	30	--	2H	2W	
17.37	20.42	3.05	3.02	99	1.41	46	--	3H	2W	
20.42	23.47	3.05	3.05	100	0.54	18	--	1H	1W	
23.47	26.52	3.05	2.92	96	1.17	38	--	3H	2W	
26.52	29.56	3.04	3.04	100	2.11	69	--	3H	2W	
29.56	32.61	3.05	2.98	98	1.24	41	--	2H	3W	
32.61	35.66	3.05	2.95	97	0.68	22	--	2H	3W	
35.66	38.71	3.05	3.04	100	1.80	59	--	3H	2W	
38.71	41.76	3.05	2.83	93	1.74	57	--	3H	2W	
41.76	44.81	3.05	2.83	93	0.75	25	--	3H	3W	
44.81	47.85	3.04	2.73	90	1.03	34	--	3H	3W	
47.85	50.90	3.05	2.81	92	1.19	39	--	3H	2W	
50.90	53.95	3.05	3.05	100	2.06	68	--	3H	2W	
53.95	57.00	3.05	2.8	92	0.79	26	--	3H	3W	
57.00	60.05	3.05	2.92	96	0.19	6	--	2H	3W	
60.05	63.09	3.04	2.79	92	1.43	47	--	3H	2W	
63.09	66.14	3.05	3.05	100	0.92	30	--	3H	2W	
66.14	69.19	3.05	2.92	96	1.86	61	--	3H	3W	
69.19	72.24	3.05	2.92	96	1.75	57	--	2H	3W	
72.24	75.29	3.05	2.87	94	0.36	12	--	2H	3W	
75.29	78.33	3.04	2.85	94	0.50	16	--	3H	2W	
78.33	81.38	3.05	2.89	95	1.43	47	--	3H	2W	
81.38	84.43	3.05	2.84	93	1.28	42	--	3H	2W	
84.43	87.48	3.05	2.9	95	1.57	51	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.97	97	2.05	67	--	3H	2W	
90.53	93.57	3.04	2.82	93	1.93	63	--	3H	2W	
93.57	96.62	3.05	3.05	100	2.31	76	--	3H	1W	
96.62	99.67	3.05	2.93	96	1.89	62	--	3H	2W	
99.67	102.72	3.05	2.97	97	2.17	71	--	3H	2W	
102.72	105.77	3.05	2.98	98	2.71	89	--	4H	1W	
105.77	108.81	3.04	2.96	97	2.28	75	--	3H	1W	

Magnetic Suscepatibility

KL-14-217

Klaza entral BRX Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	7.42	GRD	
4	0.363	GRD	
5	0.315	GRD	
6	0.33	GRD	
7	0.385	GRD	
8	0.204	GRD	
9	0.467	QFP	
10	0.211	QFP	
11	0.3	QFP	
12	0.24	QFP	
13	0.15	GRD	
14	0.265	GRD	
15	0.301	GRD	
16	0.261	GRD	
17	0.265	GRD	
18	0.156	GRD	
19	0.81	GRD	
20	0.365	GRD	
21	0.267	GRD	
22	0.603	GRD	
23	0.325	GRD	
24	0.398	GRD	
25	0.274	GRD	
26	0.278	GRD	
27	0.427	GRD	
28	0.398	GRD	
29	0.449	GRD	
30	0.442	GRD	
31	0.144	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	0.238	GRD	
33	0.139	GRD	
34	0.36	GRD	
35	0.205	GRD	
36	0.446	GRD	
37	0.474	GRD	
38	0.317	GRD	
39	0.373	GRD	
40	0.264	GRD	
41	0.42	GRD	
42	0.388	GRD	
43	0.145	GRD	
44	0.344	GRD	
45	0.668	GRD	
46	0.373	GRD	
47	8.97	GRD	
48	3.79	GRD	
49	12.6	GRD	
50	11.3	GRD	
51	0.793	GRD	
52	0.285	GRD	
53	1.73	GRD	
54	0.424	GRD	
55	0.276	BXA	
56	0.195	QFP	
57	0.411	GRD	
58	0.379	GRD	
58	0.379	VEN	
59	0.324	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	0.485	QFP	
61	0.32	QFP	
62	10.1	QFP	
63	7.44	QFP	
64	14.32	QFP	
65	0.342	QFP	
66	0.458	GRD	
67	0.387	GRD	
68	0.524	GRD	
69	0.332	GRD	
70	0.372	GRD	
71	0.182	GRD	
72	1.27	QFP	
73	2.32	QFP	
74	0.202	VEN	
75	0.559	GRD	
76	0.583	GRD	
77	0.309	GRD	
78	0.408	GRD	
79	0.366	GRD	
80	0.213	GRD	
81	0.359	VEN	
82	0.349	GRD	
83	0.46	GRD	
84	0.662	GRD	
85	0.451	GRD	
86	0.969	QFP	
87	0.342	GRD	
88	0.557	GRD	
89	0.555	GRD	
90	0.805	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
91	0.701	GRD	
92	0.648	GRD	
93	0.277	GRD	
94	0.57	GRD	
95	0.423	GRD	
96	0.307	GRD	
97	0.621	GRD	
98	0.481	GRD	
99	0.794	GRD	
100	0.316	GRD	
101	0.519	GRD	
102	0.397	GRD	
103	2.94	GRD	
104	0.596	GRD	
105	8.49	GRD	
106	0.641	GRD	
107	0.283	GRD	
108	0.576	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382477	6890743	1318.32	60.05

ZONE: Western Klaza

SECTION:

HOLE: KL-14-218

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Aug 10 - Aug 11, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	36.1	-48.7	Reflex
60.04	34.4	-49	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.79	1.79	CAS
1.79	44.81	43.02	GRD
44.81	50.26	5.45	GRD
50.26	51.15	0.89	BXA
51.15	53.42	2.27	GRD
53.42	60.05	6.63	GRD

SAMPLES	
Numbers:	Q927951 to Q927958, Q933874 to Q933888
Total:	24
Batch:	154, 158, 163
Certificates:	WH14123929, WH14125363, WH14125424

COMMENTS

Box Log

KL-14-218

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.79	4.91
2	4.91	8.04
3	8.04	11.21
4	11.21	14.33
5	14.33	17.37
6	17.37	20.42
7	20.42	23.7
8	23.7	26.52
9	26.52	29.57
10	29.57	32.63
11	32.63	35.66
12	35.66	38.7
13	38.7	41.89
14	41.89	45.07
15	45.07	48.73
16	48.73	51.85
17	51.85	54.63
18	54.63	57.94
19	57.94	60.05

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-218									
	45.46	18.8	HQ	GRD	1731.5	1144.3	3.15	3.0	Smoky quartz vein with brecciated textures bearing blebby arsenopyrite, ankerite, blackjack sphalerite, pyrite and disseminated jamesonite. 4 centimeters of cumulative strongly silicified, strongly oxidized granodiorite.
	45.78	15.2	HQ	GRD	1607.5	1123	3.62	3.3	banded smoky quartz-tan ankerite-calcite vein with cross cutting veinlets. Pervasive to semi-massive pyrite, arsenopyrite, disseminated galena, honey brown and blackjack sphalerite and pervasive jamesonite hosted in smoky quartz bands. Blebby, discontinuous intermixed galena and sphalerite (honey brown and blackjack) veinlet hosted in ankerite band.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	49.75	17.9	HQ	GRD	1759.2	1192.5	3.36	3.1	Multi phase flow banded smoky quartz-ankerite vein breccia. Tan ankerite vein hosting connected blebbs of blackjack sphalerite forming veinlets and blebby arsenopyrite, pyrite. Blebby to semi-massive arsenopyrite, discontinuous veinlets ankerite rimmed by galena and sphalerite hosted in smoky quartz bands. Cobble clasts of oblitereated phyllic altered granodiorite also present.
	50.26	19.7	HQ	GRD	1697.8	1082.2	2.95	2.8	Obliterated strong phyllic altered diamicitic breccia with blebby tourmaline and disseminated pyrite. Strong silicification.
	50.26	19.7	HQ	BXA	1697.8	1082.2	2.95	2.8	Obliterated strong phyllic altered diamicitic breccia with blebby tourmaline and disseminated pyrite. Strong silicification.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.79	36.74	34.95	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces.							
						MD	OR		POT	1I		
						MD	GY		SIL	3I		
									POT	2I		
									PRO	1I		
									PRO	2I		
36.74	40.14	3.40	GRD	MG	Weak potassic/propyllitic overprinted argillic altered granodiorite with moderately silicified phyllic envelopes around quartz/carbonate veins. Patchy pervasive oxidation and oxidation along fractures.							
						MD	OR	EN	OXI	3I		
						MD	PK		PHC	3I		
						LT	WH		SIL	3I		
						LT	GN		ARG	3I		
									POT	2I		
									PRO	2I		
40.14	44.81	4.67	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces.							
						MD	GY		SIL	3I		
						MD	OR		POT	1I		
									POT	2I		
									PRO	1I		
									PRO	2I		
44.81	50.26	5.45	GRD	MG	Western klaza zone. Pervasive strongly oxidized, silicified moderate-strong phyllic alteration hosting disseminated pyrite. Hosts four klaza zone veins. Hosts disseminated pyrite. Oxidation obscures rock textures. Has Patchy weak gouge alteration. POOR RECOVERY, dropped core!!							
						MD	GY		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		OXI	4I		
						MD	GN		SIL	3I		
									PHC	4I		
50.26	51.15	0.89	GRD	MG	Intense silica flooding brecciates phyllic granodiorite with grey/green quartz. Granodiorite clasts are irregular and sub-rounded. Hosts disseminated pyrite and black tourmaline. Breccias is cross-cut by four white carbonate veinlets oriented at 70 TCA. Strong silicification obliterates rock textures. Oxidation along fracture surfaces.							
								BX	OXI	3I		
									SIL	4I		
									PHC	3I		
51.15	53.42	2.27	GRD	MG	Weak potassic/propyllitic overprinted argillic altered granodiorite. Patchy phyllic/propyllitic alteration. Oxidation along fracture surfaces.							
						MD	GY	PA	POT	2I		
						MD	PK		OXI	3I		
						LT	GN		ARG	3I		
						DK	GN		PRO	2I		
									PHC	3I		
									PRO	3I		
54.52	56.41	1.89	GRD	MG	Moderately silicified/phyllic envelope around a quartz/carbonate/sulphide vein. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from the vein.							
						MD	PK		PRO	2I		
						LT	GN	EN	POT	2I		
						LT	WH		PHC	3I		
						DK	GN		ARG	3I		
									SIL	3I		
59.00	60.05	1.05	GRD	MG	Pervasive strongly oxidized moderate phyllic altered granodiorite.							
						MD	GY					
						MD	OR		OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.79	44.81	43.02	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderate oxidation along fracture surfaces.							
									POT	2I		
						MD	OR		POT	1I		
									PRO	1I		
									PRO	2I		
						MD	GY		SIL	3I		
44.81	50.26	5.45	GRD	MG	Western klaza zone. Pervasive strongly oxidized, silicified moderate-strong phyllic alteration hosting disseminated pyrite. Hosts four klaza zone veins. Hosts disseminated pyrite. Oxidation obscures rock textures. Has Patchy weak gouge alteration. POOR RECOVERY, dropped core!!							
						MD	GN		SIL	3I		
						MD	OR		OXI	4I	Py	1
									PHC	4I		
						MD	GY		PHC	3I		
50.26	51.15	0.89	BXA	MG	Intense silica flooding brecciates phyllic granodiorite with grey/green quartz. Granodiorite clasts are irregular and sub-rounded. Hosts disseminated pyrite and black tourmaline. Breccias is cross-cut by four white carbonate veinlets oriented at 70 TCA. Strong silicification obliterates rock textures. Oxidation along fracture surfaces.							
								BX	OXI	3I	Py	1
									PHC	3I		
									SIL	4I		
51.15	53.42	2.27	GRD	MG	Weak potassic/propyllitic overprinted argillic altered granodiorite. Patchy phyllic/propyllitic alteration. Oxidation along fracture surfaces.							
									PRO	3I		
						MD	GY	PA	POT	2I		
						DK	GN		PRO	2I		
						MD	PK		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		ARG	3I		
									PHC	3I		
53.42	60.05	6.63	GRD	MG	Weak potassic/propyllitic altered granodiorite.							
						DK	GN		SIL	3I		
						MD	PK		PRO	2I		
						MD	GY		POT	2I		

KL-14-218

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.79	1.79	0	0	0.00	0	--	--	--	
1.79	2.13	0.34	0.31	91	0.00	0	--	4H	2W	
2.13	5.18	3.05	2.12	70	0.69	23	--	4H	2W	
5.18	8.23	3.05	2.72	89	1.70	56	--	4H	2W	
8.23	11.28	3.05	2.78	91	1.83	60	--	4H	2W	
11.28	14.33	3.05	3.05	100	2.39	78	--	4H	2W	
14.33	17.37	3.04	2.65	87	1.22	40	--	4H	2W	
17.37	20.42	3.05	2.67	88	1.54	50	--	4H	2W	
20.42	23.47	3.05	2.44	80	0.84	28	--	4H	2W	
23.47	26.52	3.05	2.49	82	0.24	8	--	4H	3W	
26.52	29.57	3.05	2.46	81	0.70	23	--	4H	3W	
29.57	32.61	3.04	2.71	89	1.10	36	--	4H	2W	
32.61	35.66	3.05	2.78	91	1.64	54	--	4H	2W	
35.66	38.71	3.05	2.96	97	1.68	55	--	3H	2W	
38.71	41.76	3.05	2.95	97	1.87	61	--	4H	2W	
41.76	44.81	3.05	2.98	98	1.71	56	--	4H	2W	
44.81	47.85	3.04	2.11	69	0.85	28	--	3H	2W	
47.85	50.90	3.05	2.85	93	1.40	46	--	3H	3W	
50.90	53.95	3.05	2.86	94	1.82	60	--	3H	2W	
53.95	57.00	3.05	2.68	88	1.89	62	--	4H	2W	
57.00	60.05	3.05	3.05	100	1.90	62	--	3H	2W	

Magnetic Suscepatibility

KL-14-218

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	14.2	GRD	
3	7.31	GRD	
4	6.1	GRD	
5	0.303	GRD	
6	10.2	GRD	
7	11.7	GRD	
8	11.9	GRD	
9	14.3	GRD	
10	15.7	GRD	
11	13.7	GRD	
12	15.2	GRD	
13	14.8	GRD	
14	10	GRD	
15	15.6	GRD	
16	8.27	GRD	
17	17	GRD	
18	14.8	GRD	
19	18.5	GRD	
20	8.92	GRD	
21	15.7	GRD	
22	17	GRD	
23	17.1	GRD	
24	10.3	GRD	
25	12	GRD	
26	12.4	GRD	
27	16.5	GRD	
28	19.1	GRD	
29	15.6	GRD	
30	16.7	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	5.19	GRD	
32	16.4	GRD	
33	18.2	GRD	
34	19.7	GRD	
35	19.1	GRD	
36	18.9	GRD	
37	0.471	GRD	
38	0.222	GRD	
39	0.348	GRD	
40	2.14	GRD	
41	21.9	GRD	
42	20.9	GRD	
43	19.1	GRD	
44	11.1	GRD	
45	0.472	GRD	
46	0.241	GRD	
47	0.215	GRD	
48	0.173	GRD	
49	0.255	GRD	
50	0.48	GRD	
51	0.28	BXA	
52	1.21	GRD	
53	0.432	GRD	
54	1.11	GRD	
55	0.482	GRD	
56	0.369	GRD	
57	0.476	GRD	
58	6.07	GRD	
59	0.916	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	0.33	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382323	6891030	1276.68	200.25

ZONE: Western Klaza

SECTION:

HOLE: KL-14-219

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 3.05m, Out

Drilling Dates: Aug 11 - Aug 13, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
2.13	34.1	-50.7	Reflex
200.25	35.9	-52.5	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.47	3.47	-?-
3.47	28.57	25.1	GRD
28.57	62.08	33.51	GRD
62.08	154.26	92.18	GRD
154.26	160.58	6.32	GRD
160.58	179.34	18.76	GRD
179.34	199.12	19.78	GRD
199.12	200.25	1.13	GRD

SAMPLES	
Numbers:	Q935843 to Q935914
Total:	81
Batch:	160, 165, 167
Certificates:	WH14125360, WH14125368, WH14125421, WH14134300

COMMENTS

Box Log

KL-14-219

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.47	7.27
2	7.27	11.4
3	11.4	15.67
4	15.67	19.7
5	19.7	24.05
6	24.05	28
7	28	32.2
8	32.2	36.4
9	36.4	40.46
10	40.46	44.68
11	44.68	48.68
12	48.68	53.05
13	53.05	57.23
14	57.23	61.39
15	61.39	65.6
16	65.6	69.75
17	69.75	73.41
18	73.41	77.65
19	77.65	81.44
20	81.44	85.73
21	85.73	89.66
22	89.66	93.8
23	93.8	97.7
24	97.7	101.95
25	101.95	105.98
26	105.98	109.89
27	109.89	114
28	114	117.96
29	117.96	122.05
30	122.05	126.01

Box Number	From (m)	To (m)
31	126.01	129.92
32	129.92	133.92
33	133.92	137.97
34	137.97	141.78
35	141.78	145.6
36	145.6	149.72
37	149.72	153.65
38	153.65	157.51
39	157.51	161.5
40	161.5	165.62
41	165.62	169.8
42	169.8	174.28
43	174.28	178.2
44	178.2	182.4
45	182.4	186.3
46	186.3	190.93
47	190.93	195.05
48	195.05	198.75
49	198.75	200.25

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.47	4.50	1.03	GRD	MG	Moderately oxidized rubble to sand near top of hole.							
						MD	OR	RB	OXI	3I		
						MD	BN					
4.50	9.02	4.52	GRD	MG	Intermittent gouge/clay argillic altered granodiorite. More competent core appears to be propylitic granodiorite with weak argillic overprint.							
						LT	OR		OXI	3I		
						--	TN	RB	ARG	3I		
9.02	28.57	19.55	GRD	MG	Oxidized Argillic altered granodiorite with patchy propylitic and phyllic altered granodiorite. Surface of core is dominantly oxidized and tanned stained with minor propylitic and potassic altered intervals. Pervasive carbonate veins at 10 per metre. Trace hematite stringers found locally within argillic and oxide stained granodiorite.							
						MD	GY		PRO	2I		
						--	TN		POT	2I		
									ARG	2I		
28.57	47.07	18.50	GRD	MG	Trace to weak propylitic and weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Phyllic altered granodiorite is weak to mod potassic altered locally. Weak hematite veinlets/veins are mostly within phyllic altered granodiorite. Oxide staining is generally on fractures within carbonate veinlets. Oxide staining on fractures and within carbonate veinlets/veins (8 per metre).							
						MD	GY	SH	POT	2I		
						LT	GN		PHC	2I		
						DK	PU		SIL	2I		
						--	PK	PA	ARG	3I		
									PRO	2I		
									OXI	3I		
47.07	47.34	0.27	GRD	MG	Gougy oxidized phyllic altered granodiorite. Weak hematite stringers. Hematite veinlets generally associated with chlorite.							
						LT	GN		PHC	5I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	PU		OXI	3I		
47.34	52.18	4.84	GRD	MG	Trace to weak propylitic and weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Phyllic altered granodiorite is weak to mod potassic altered locally. Weak hematite veinlets/veins are mostly within phyllic altered granodiorite. Oxide staining is generally on fractures within carbonate veinlets. Oxide staining on fractures and within carbonate veinlets/veins (8 per metre).							
						MD	GY	SH	POT	2I		
						LT	GN		PHC	2I		
						DK	PU		SIL	2I		
						--	PK	PA	ARG	3I		
									PRO	2I		
									OXI	3I		
52.18	53.95	1.77	GRD	MG	Strongly phyllic altered granodiorite with up to 1.5 cm dykes cutting interval. Maroon aplite dykes are offset by shearing withing zone (15 degrees with a 3 centimetre offset). Hematite stringers are pervasive at 5 per metre. Trace pyrite disseminated withing shear zone.							
						LT	GN	SH	PHC	4I	Py	0.1
									SIL	3I		
									OXI	2I		
53.95	62.08	8.13	GRD	MG	Trace to weak propylitic and weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Phyllic altered granodiorite is weak to mod potassic altered locally. Weak hematite veinlets/veins are mostly within phyllic altered granodiorite. Oxide staining is generally on fractures within carbonate veinlets. Oxide staining on fractures and within carbonate veinlets/veins (8 per metre).							
						MD	GY	SH	POT	2I		
						LT	GN		PHC	2I		
						DK	PU		SIL	2I		
						--	PK	PA	ARG	3I		
									OXI	3I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
62.08	66.33	4.25	GRD	MG	Trace to weak propylitic, weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite.Calcite veinlets are pervasive throughout at 10 per metre. The interval is more potassic altered relative to interval prior to this one. Trace pyrite is observed in minor quartz-carbonate veins/veinlets.							
						LT	GN	PA	PRO	2I		
						DK	GY		PHC	4I		
						--	PK		POT	3I		
									SIL	2I		
									ARG	2I		
66.33	69.59	3.26	GRD	MG	Strong phyllic altered granodiorite. Gougy in centre of interval with a low angle shear zone (approximately 5 cm) with hematite veins proximal to the shear zone. Shear zones host variable blebby to disseminated pyrite.							
						LT	GN	SH	PHC	5I	Py	0.1
									SIL	3I		
69.59	84.69	15.10	GRD	MG	Trace to weak propylitic, weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite.Calcite veinlets are pervasive throughout at 10 per metre. The interval is more potassic altered relative to interval prior to this one. Trace pyrite is observed in minor quartz-carbonate veins/veinlets.							
						LT	GN	PA	PRO	2I		
						DK	GY		PHC	4I		
						--	PK		POT	3I		
									ARG	2I		
									SIL	2I		
84.69	88.68	3.99	GRD	MG	Strong phyllic altered granodiorite. Gougy in centre of interval with 2 low angle shear zons (approximately 2 and 5 cm). Shear zones host variable blebby to disseminated pyrite.							
						LT	GN	SH	PHC	5I	Py	0.1
									SIL	3I		
88.68	89.08	0.40	GRD	MG	Strong hematite overprint of phyllic altered granodiorite. Interval is mostly gougy with crackle-like breccia consisting of chlorite.							
						LT	PU		PHC	4I	He	10
									HEM	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
89.08	114.91	25.83	GRD	MG	Trace to weak propylitic, weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Calcite veinlets are pervasive throughout at 10 per metre. The interval is more potassic altered relative to interval prior to this one. Trace pyrite is observed in minor quartz-carbonate veins/veinlets.							
						LT	GN	PA	PRO	2I		
						DK	GY		PHC	4I		
						--	PK		POT	3I		
									ARG	2I		
									SIL	2I		
114.91	116.66	1.75	GRD	MG	Strong phyllic altered granodiorite. Gougy in centre of interval with 2 low angle shear zons (approximately 2 and 5 cm). Shear zones host variable blebby to disseminated pyrite.							
						LT	GN	SH	PHC	5I	Py	0.1
									SIL	3I		
116.66	118.07	1.41	GRD	MG	Trace to weak propylitic, weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite.Calcite veinlets are pervasive throughout at 10 per metre. The interval is more potassic altered relative to interval prior to this one. Trace pyrite is observed in minor quartz-carbonate veins/veinlets.							
						LT	GN		PRO	2I		
						DK	GY		PHC	4I		
						--	PK		POT	3I		
									ARG	2I		
									SIL	2I		
118.07	122.84	4.77	GRD	MG	Moderate to strongly phyllic altered granodiorite with minor carbonate veins with chlorite and hematite (8 per metre). Minor shearing/gouge (trace to weak).							
						LT	GN	SH	PHC	4I		
122.84	123.23	0.39	GRD	MG	Strong hematite overprint of phyllic altered granodiorite. Relict sericite . Also weak to moderate potassic altered with quartz-carbonate veinlets throughout interval (5 per metre).							
						LT	PU		PHC	4I	Py	0.1
									HEM	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
123.23	139.38	16.15	GRD	MG	Trace to weak propylitic, weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite.Calcite veinlets are pervasive throughout at 10 per metre. The interval is more potassic altered relative to interval prior to this one. Trace pyrite is observed in minor quartz-carbonate veins/veinlets.							
						LT	GN	PA	PRO	2I		
						DK	GY		PHC	4I		
						--	PK		POT	3I		
									ARG	2I		
									SIL	2I		
139.38	144.15	4.77	GRD	MG	Strong phyllic altered granodiorite. Gougy in centre of interval with a low angle shear zone (approximately 5 cm) with hematite veins proximal to the shear zone. Shear zones host variable blebby to disseminated pyrite. Minor breccia's (4-5 centimetres wide). Gougy and rubbly zones associated with the breccia's. Breccia's comprise hematite, chlorite and silicified matrix with quartz and ankerite clasts up to 1 centimetre and sub-angular clasts. Chlorite stringers pervasive at 14 per metre.							
						LT	GN	SH	PHC	5I		
									SIL	3I		
144.15	154.26	10.11	GRD	MG	Moderate to strong phyllic altered granodiorite with moderate potassic alteration. Strong chlorite and hematite veining throughout interval at 5 per metre. Minor crackle breccia (calcite filled).							
						LT	GN		PHC	4I		
						LT	PK		POT	3I		
154.26	160.58	6.32	GRD	MG	Strong phyllic altered granodiorite with strong hematite overprint. Hematite alteration is brecciated and color overprint of phyllic altered granodiorite. Breccia matrix may be gougy. Breccia is stained dark purple within the matrix with quartz clasts. Relict sericite is observed. Strong hematite and chlorite stringers within more hematite altered granodiorite.							
						LT	GN		PHC	4I		
						LT	PK		SIL	3I		
						DK	PU		HEM	5I		
									POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
160.58	162.54	1.96	GRD	MG	Strong phyllic altered granodiorite with calcite flooding/veins. Minor chlorite and hematite veining (veins up to 3 cm). Moderate potassic altered.							
						LT	GN		PHC	5I		
						--	PK		POT	3I		
162.54	179.34	16.80	GRD	MG	Patchy weak to moderate propylitic and potassic altered granodiorite, strong phyllic altered granodiorite, moderate to strong hematite altered granodiorite (overprinting phyllic altered granodiorite. Strongly phyllic altered granodiorite is weakly potassic altered, while propylitic altered granodiorite is moderately potassic altered. Phyllic altered granodiorite hosts minor gougy shearing and strong chlorite veining. Minor hematite altered intervals with hematite veining/stringers. Calcite veining is pervasive at 8 per metre throughout interval. Trace smokey quartz stringers with trace pyrite.							
						MD	GY		HEM	3I		
						LT	GN		SIL	3I		
						DK	PK		PHC	4I		
									PRO	3I		
									POT	2I		
179.34	199.12	19.78	GRD	MG	Propylitic and potassic altered granodiorite with moderate hematite staining throughout most of the interval. Pervasive hematite and chlorite stringers throughout both phyllic and propylitic altered granodiorite. Minor argillic alteration within interval. Hematite stringers are found at both low and high angles. Calcite veining pervasive with veins up to 1 cm at 10 per metre. Minor gougy hematite and carbonate veins withing hematite altered granodiorite. Minor gougy phyllic and hematite altered granodiorite (up to 5 centimetres).							
						LT	GN		HEM	4I		
						DK	PU		PRO	4I		
						DK	GY		PHC	4I		
									SIL	4I		
199.12	200.25	1.13	GRD	MG	Strongly potassic and propylitic altered granodiorite. Calcite veining pervasive at 7 per metre.							
						LT	PK		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY		POT	3I		

KL-14-219

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.47	28.57	25.10	GRD	MG	Oxidized Argillic altered granodiorite with patchy propylitic and phyllic altered granodiorite. Surface of core is dominantly oxidized and tanned stained with minor propylitic and potassic altered intervals. Pervasive carbonate veins at 10 per metre. Trace hematite stringers found locally within argillic and oxide stained granodiorite. Top 4.5 m of hole is rubbly to sandy with moderate oxide staining.							
						--	TN		POT	2I		
						MD	OR		ARG	3I		
									PHC	2I		
									SIL	2I		
									OXI	3I		
						MD	GY		PRO	2I	He	0.1
28.57	62.08	33.51	GRD	MG	Trace to weak propylitic and weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Phyllic altered granodiorite is weak to mod potassic altered locally. Weak hematite veinlets/veins are mostly within phyllic altered granodiorite. Minor shearing associated with phyllic altered granodiorite and has offset aplite dyke by 3 cm at 15 degrees to core axis. Oxide staining is generally on fractures within carbonate veinlets. Oxide staining on fractures and within carbonate veinlets/veins (8 per metre). Minor aplite dykes only found withing 2 metre interval.							
						--	PK	PA	POT	2I		
									OXI	2I		
						LT	GN		SIL	3I		
						MD	GY	SH	PRO	2I	Py	0.01
						DK	PU		PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
62.08	154.26	92.18	GRD	MG	Trace to weak propylitic, weak to moderate potassic altered granodiorite with patchy phyllic and argillic altered granodiorite. Phyllic altered granodiorite is variably sheared across the interval and is defined by low angle shears and usually hosts chlorite and hematite. Patchy areas with strong hematite staining/veinlets are found locally. Calcite veinlets are pervasive throughout at 10 per metre. The interval is more potassic altered relative to interval prior to this one and most holes on the property, which suggests close proximity to a fault. Trace pyrite is observed in minor quartz-carbonate veins/veinlets.							
									SIL	3I		
									OXI	2I		
						LT	GN	SH	POT	3I	Py	0.01
						--	PK	PA	PRO	2I	He	0.1
						DK	GY		PHC	4I	He	0.1
						DK	PU		ARG	2I		
154.26	160.58	6.32	GRD	MG	Strong phyllic altered granodiorite with strong hematite overprint. Hematite alteration is brecciated and color overprint of phyllic altered granodiorite. Breccia matrix may be gougy. Breccia is stained dark purple within the matrix with quartz clasts. Relict sericite is observed. Strong hematite and chlorite stringers within more hematite altered granodiorite.							
						DK	PU	BX	HEM	5I		
						LT	GN		PHC	4I		
						LT	PK		SIL	3I		
									POT	3I		
160.58	179.34	18.76	GRD	MG	Patchy weak to moderate propylitic and potassic altered granodiorite, strong phyllic altered granodiorite, moderate to strong hematite altered granodiorite (overprinting phyllic altered granodiorite. Strongly phyllic altered granodiorite is weakly potassic altered, while propylitic altered granodiorite is moderately potassic altered. Phyllic altered granodiorite hosts minor gougy shearing and strong chlorite veining. Minor hematite altered intervals with hematite veining/stringers. Calcite veining is pervasive at 8 per metre throughout interval. Trace smokey quartz stringers with trace pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		HEM	3I		
									PRO	3I		
						DK	PK		PHC	4I		
						LT	GN		SIL	3I		
									POT	2I		
179.34	199.12	19.78	GRD	MG	Propylitic and potassic altered granodiorite with moderate hematite staining throughout most of the interval. Pervasive hematite and chlorite stringers throughout both phyllic and propylitic altered granodiorite. Minor argillic alteration within interval. Hematite stringers are found at both low and high angles. Calcite veining pervasive with veins up to 1 cm at 10 per metre. Minor gougy hematite and carbonate veins withing hematite altered granodiorite. Minor gougy phyllic and hematite altered granodiorite (up to 5 centimetres).							
						DK	PU		PRO	4I		
						DK	GY		PHC	4I		
						LT	GN		HEM	4I		
									SIL	4I		
199.12	200.25	1.13	GRD	MG	Strongly potassic and propylitic altered granodiorite. Calcite veining pervasive at 7 per metre.							
						LT	PK		PRO	3I		
						DK	GY		POT	3I		

KL-14-219

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.47	3.47	0	0	0.00	0	--	--	--	Casing
3.47	5.18	1.71	1.24	73	0.13	8	--	4H	4W	
5.18	8.23	3.05	2.7	89	0.73	24	--	4H	4W	
8.23	11.28	3.05	2.85	93	1.42	47	--	4H	3W	
11.28	14.32	3.04	2.89	95	1.35	44	--	4H	3W	
14.32	17.37	3.05	3.05	100	2.15	70	--	4H	3W	
17.37	20.42	3.05	3.05	100	2.15	70	--	4H	3W	
20.42	23.47	3.05	2.98	98	1.96	64	--	4H	3W	
23.47	26.52	3.05	3.05	100	1.87	61	--	4H	3W	
26.52	29.57	3.05	3.02	99	2.06	68	--	4H	3W	
29.57	32.61	3.04	2.98	98	2.64	87	--	4H	2W	
32.61	35.66	3.05	3.01	99	1.38	45	--	4H	2W	
35.66	38.71	3.05	2.96	97	2.52	83	--	4H	2W	
38.71	41.76	3.05	3.02	99	1.91	63	--	4H	2W	
41.76	44.81	3.05	3.05	100	2.01	66	--	4H	2W	
44.81	47.85	3.04	2.84	93	1.82	60	--	4H	2W	
47.85	50.90	3.05	2.85	93	0.70	23	--	3H	2W	
50.90	53.95	3.05	2.98	98	2.95	97	--	4H	1W	
53.95	57.00	3.05	3.05	100	2.20	72	--	4H	1W	
57.00	60.05	3.05	3.04	100	2.52	83	--	4H	1W	
60.05	63.09	3.04	3.04	100	2.17	71	--	4H	2W	
63.09	66.14	3.05	2.66	87	1.73	57	--	3H	2W	
66.14	69.19	3.05	2.57	84	0.63	21	--	2H	1W	
69.19	72.24	3.05	2.66	87	0.40	13	--	2H	1W	
72.24	75.29	3.05	2.71	89	1.84	60	--	3H	1W	
75.29	78.33	3.04	2.69	88	0.76	25	--	2H	1W	
78.33	81.38	3.05	2.72	89	0.98	32	--	3H	1W	
81.38	84.43	3.05	2.84	93	1.38	45	--	3H	1W	
84.43	87.48	3.05	2.7	89	1.05	34	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.46	81	0.94	31	--	3H	1W	
90.53	93.57	3.04	2.72	89	1.48	49	--	4H	1W	
93.57	96.62	3.05	2.75	90	1.42	47	--	4H	1W	
96.62	99.67	3.05	2.56	84	0.72	24	--	3H	1W	
99.67	102.72	3.05	2.79	91	1.99	65	--	4H	1W	
102.72	105.77	3.05	2.22	73	0.47	15	--	3H	1W	
105.77	108.81	3.04	2.98	98	0.83	27	--	3H	1W	
108.81	111.86	3.05	2.82	92	1.13	37	--	4H	1W	
111.86	114.91	3.05	2.75	90	1.58	52	--	4H	1W	
114.91	117.96	3.05	2.97	97	1.50	49	--	2H	1W	
117.96	121.01	3.05	2.86	94	0.25	8	--	2H	1W	
121.01	124.05	3.04	2.71	89	0.83	27	--	2H	1W	
124.05	127.10	3.05	2.87	94	1.34	44	--	3H	1W	
127.10	130.15	3.05	2.92	96	1.79	59	--	2H	1W	
130.15	133.20	3.05	2.65	87	1.57	51	--	3H	1W	
133.20	136.25	3.05	2.7	89	0.99	32	--	3H	1W	
136.25	139.29	3.04	2.9	95	2.01	66	--	3H	1W	
139.29	142.34	3.05	2.52	83	0.53	17	--	2H	1W	
142.34	145.39	3.05	2.55	84	0.78	26	--	3H	1W	
145.39	148.44	3.05	2.77	91	1.45	48	--	2H	1W	
148.44	151.49	3.05	2.98	98	2.20	72	--	4H	1W	
151.49	154.54	3.05	2.99	98	1.34	44	--	3H	1W	
154.54	157.59	3.05	3.03	99	1.48	49	--	4H	1W	
157.59	160.63	3.04	2.88	95	1.41	46	--	3H	1W	
160.63	163.68	3.05	3.05	100	2.43	80	--	3H	1W	
163.68	166.73	3.05	2.89	95	1.28	42	--	4H	1W	
166.73	169.77	3.04	3.04	100	2.56	84	--	3H	1W	
169.77	172.82	3.05	3.05	100	2.25	74	--	3H	1W	
172.82	175.87	3.05	3.01	99	2.48	81	--	3H	1W	
175.87	178.92	3.05	3.03	99	2.02	66	--	4H	1W	
178.92	181.97	3.05	2.93	96	1.73	57	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	1.36	45	--	4H	1W	
185.01	188.06	3.05	3.02	99	2.11	69	--	4H	1W	
188.06	191.11	3.05	2.81	92	2.15	70	--	4H	1W	
191.11	194.16	3.05	3.05	100	2.15	70	--	4H	1W	
194.16	197.21	3.05	3.05	100	1.42	47	--	3H	1W	
197.21	200.25	3.04	2.68	88	1.39	46	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	1.25	GRD	
5	0.188	GRD	
6	0.244	GRD	
7	0.402	GRD	
8	0.296	GRD	
9	0.829	GRD	
10	1.91	GRD	
11	0.291	GRD	
12	1.07	GRD	
13	0.719	GRD	
14	0.216	GRD	
15	0.333	GRD	
16	3.36	GRD	
17	0.83	GRD	
18	1.01	GRD	
19	13.5	GRD	
20	0.348	GRD	
21	0.39	GRD	
22	0.264	GRD	
23	0.487	GRD	
24	0.126	GRD	
25	0.601	GRD	
26	0.346	GRD	
27	0.286	GRD	
28	0.071	GRD	
29	3.37	GRD	
30	0.967	GRD	
31	0.541	GRD	
32	0.417	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	0.445	GRD	
34	5.79	GRD	
35	11.2	GRD	
36	6.55	GRD	
37	0.5	GRD	
38	0.429	GRD	
39	0.261	GRD	
40	0.334	GRD	
41	0.323	GRD	
42	2.68	GRD	
43	0.442	GRD	
44	0.404	GRD	
45	1.24	GRD	
46	2.96	GRD	
47	0.377	GRD	
48	0.845	GRD	
49	0.143	GRD	
50	0.955	GRD	
51	0.359	GRD	
52	0.64	GRD	
53	0.231	GRD	
54	0.283	GRD	
55	0.51	GRD	
56	0.242	GRD	
57	0.223	GRD	
58	0.429	GRD	
59	6.48	GRD	
60	0.448	GRD	
61	0.375	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	2.27	GRD	
63	0.598	GRD	
64	0.338	GRD	
65	0.331	GRD	
66	0.298	GRD	
67	0.465	GRD	
68	0.374	GRD	
69	0.392	GRD	
70	3.89	GRD	
72	0.586	GRD	
73	7.91	GRD	
74	6.28	GRD	
75	0.616	GRD	
76	0.47	GRD	
77	3.31	GRD	
78	0.958	GRD	
79	0.683	GRD	
80	0.395	GRD	
81	1.19	GRD	
82	2.95	GRD	
83	4.96	GRD	
84	0.395	GRD	
85	0.289	GRD	
86	0.379	GRD	
88	1.14	GRD	
89	0.31	GRD	
89	0.488	GRD	
90	1.38	GRD	
91	7.15	GRD	
91	0.549	GRD	
92	1.61	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
93	1.24	GRD	
94	8.86	GRD	
95	2.44	GRD	
96	16.5	GRD	
97	0.579	GRD	
98	1.08	GRD	
99	0.457	GRD	
100	11.6	GRD	
101	21.2	GRD	
102	15.8	GRD	
103	15.3	GRD	
104	2.76	GRD	
105	1.12	GRD	
106	4.92	GRD	
107	0.483	GRD	
108	0.349	GRD	
109	1.37	GRD	
110	0.533	GRD	
111	2.93	GRD	
112	1.57	GRD	
113	1.38	GRD	
114	1.17	GRD	
115	0.221	GRD	
116	0.307	GRD	
117	0.253	GRD	
118	0.153	GRD	
119	0.603	GRD	
120	0.328	GRD	
121	0.589	GRD	
122	0.417	GRD	
123	0.28	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	0.421	GRD	
125	0.393	GRD	
126	0.423	GRD	
127	0.382	GRD	
128	0.34	GRD	
129	0.241	GRD	
130	0.363	GRD	
131	0.336	GRD	
132	0.358	GRD	
133	0.614	GRD	
134	0.7	GRD	
135	0.426	GRD	
136	0.355	GRD	
137	0.307	GRD	
138	0.382	GRD	
139	0.278	GRD	
140	0.31	GRD	
141	0.196	GRD	
142	0.274	GRD	
143	0.286	GRD	
144	0.281	GRD	
145	0.344	GRD	
146	0.314	GRD	
147	0.217	GRD	
148	0.3	GRD	
149	0.6	GRD	
150	0.276	GRD	
151	0.363	GRD	
152	0.256	GRD	
153	0.297	GRD	
154	0.372	GRD	
155	1.13	GRD	
156	0.646	GRD	
157	1.97	GRD	
158	0.314	GRD	
159	0.182	GRD	
160	0.948	GRD	
161	1.23	GRD	
162	0.319	GRD	
163	0.583	GRD	
164	0.597	GRD	
165	0.308	GRD	
166	0.799	GRD	
167	0.323	GRD	
168	0.319	GRD	
169	0.289	GRD	
170	0.327	GRD	
171	1.65	GRD	
172	0.5	GRD	
173	4.3	GRD	
174	0.656	GRD	
175	0.34	GRD	
176	0.307	GRD	
177	0.237	GRD	
178	0.334	GRD	
179	1.3	GRD	
180	0.249	GRD	
181	0.378	GRD	
182	0.708	GRD	
183	0.286	GRD	
184	0.242	GRD	
185	0.356	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	0.329	GRD	
187	1.15	GRD	
188	0.422	GRD	
189	0.588	GRD	
190	0.242	GRD	
191	0.182	GRD	
192	0.321	GRD	
193	0.304	GRD	
194	0.372	GRD	
195	0.817	GRD	
196	0.608	GRD	
197	0.425	GRD	
198	0.376	GRD	
199	0.22	GRD	
200	0.347	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382307	6890577	1315.22	314.55

ZONE: Western Klaza

SECTION:

HOLE: KL-14-220

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Aug 11 - Aug 15, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
9.75	32.5	-50	Reflex
314.55	42.7	-48.9	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.15	4.15	CAS
4.15	6.15	2	GRD
6.15	10.19	4.04	GRD
10.19	67.9	57.71	GRD
67.9	157.78	89.88	GRD
157.78	158.34	0.56	BXA
158.34	173.74	15.4	QFP
173.74	174.82	1.08	GRD
174.82	202.45	27.63	GRD
202.45	220.58	18.13	GRD
220.58	255.12	34.54	GRD
255.12	264.34	9.22	GRD
264.34	267.57	3.23	GRD
267.57	270.05	2.48	GRD
270.05	271.45	1.4	QFP
271.45	277.19	5.74	GRD

SAMPLES	
Numbers:	Q927970 to Q927975, Q933889 to Q934018
Total:	149
Batch:	158, 162, 166, 168, 174, 175
Certificates:	WH14123929, WH14125361, WH14125366, WH14125367, WH14125427, WH14126982, WH14136716

COMMENTS

277.19	277.72	0.53	VEN
277.72	278.5	0.78	VEN
278.5	279.33	0.83	GRD
279.33	280.95	1.62	GRD
280.95	281.45	0.5	BXA
281.45	283.02	1.57	GRD
283.02	314.55	31.53	GRD

Box Log

KL-14-220

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.15	6.68
2	6.68	9.67
3	9.67	13.89
4	13.89	15.96
5	15.96	19.12
6	19.12	22.55
7	22.55	25.6
8	25.6	28.93
9	28.93	32.19
10	32.19	35.24
11	35.24	38.71
12	38.71	42
13	42	45.21
14	45.21	48.34
15	48.34	51.41
16	51.41	54.55
17	54.55	57.62
18	57.62	60.78
19	60.78	63.83
20	63.83	67.02
21	67.02	70.06
22	70.06	73.41
23	73.41	76.77
24	76.77	79.94
25	79.94	83.22
26	83.22	86.51
27	86.51	89.51
28	89.51	92.76
29	92.76	96.21
30	96.21	99.16
31	99.16	102.06
32	102.06	105.02
33	105.02	108.29
34	108.29	111.3
35	111.3	114.64
36	114.64	117.61
37	117.61	120.66
38	120.66	123.88
39	123.88	127.24
40	127.24	130.73
41	130.73	133.27
42	133.27	136.59
43	136.59	139.63
44	139.63	143.15
45	143.15	146.33
46	146.33	149.58
47	149.58	152.94
48	152.94	156.2
49	156.2	159.63
50	159.63	162.83
51	162.83	166.06
52	166.06	169.33
53	169.33	172.61
54	172.61	175.65
55	175.65	178.78
56	178.78	181.97
57	181.97	184.91
58	184.91	188.06
59	188.06	191.33
60	191.33	194.52
61	194.52	197.77
62	197.77	201.02
63	201.02	204.01
64	204.01	207.11
65	207.11	210.28
66	210.28	212.53
67	212.53	216.71
68	216.71	219.78
69	219.78	222.9
70	222.9	226.19
71	226.19	229.47
72	229.47	232.65
73	232.65	235.95
74	235.95	239.09
75	239.09	242.3
76	242.3	245.69
77	245.69	248.87
78	248.87	252.07
79	252.07	255.22
80	255.22	258.05
81	258.05	261.09
82	261.09	264.26
83	264.26	267.31
84	267.31	270.58
85	270.58	273.64
86	273.64	276.86
87	276.86	279.65
88	279.65	282.55
89	282.55	285.6
90	285.6	288.65

Box Number	From (m)	To (m)
91	288.65	291.39
92	291.39	294.26
93	294.26	297.55
94	297.55	300.84
95	300.84	303.71
96	303.71	306.7
97	306.7	309.62
98	309.62	312.96
99	312.96	314.55

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-220									
	75.21	8.2	HQ	GRD	670.3	423.8	2.8	2.7	Moderate phyllic altered granodiorite with moderate propalytic overprintand weak silicification.
	110.02	16	HQ	GRD	1394	887.1	2.98	2.8	Smoky quartz breccia with pebble clasts of phyllic altered granodiorite, calcite and pale ankerite. Disseminated pyrite
	137.84	13.1	HQ	GRD	1212.1	793.5	3.17	2.9	strongly silicified banded clear quartz-pale ankerite breccia with veinlets, blebbs, and disseminated pyrite, blebby tourmaline. 4 centimeter weak propalytic altered granodiorite with strong phyllic overprint and strong silicification.
	158.06	15.2	HQ	BXA	1284.1	801.2	2.89	2.7	Moderate grey ankerite sand clasts. Hosting banded ankerite breccia and mineralized clasts hosting pyrite, blackjack sphalerite, and galena. Some relict strong propalytic granodiorite
	199.21	9.4	HQ	GRD	859.2	586.3	3.13	3.2	Clear quartz vein hosting blebby pyrite, galena, honey brown sphalerite and discontinuous veinlet cream ankerite. Vein hosted in strong silicified, phyllic altered granodiorite with disseminated pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	210.55	10.8	HQ	GRD	978.9	642.2	3.1	2.9	Strong phyllic altered granodiorite with quartz-carbonate vein hosting blebby veining pyrite, honey brown sphalerite and arsenopyrite. Irregular banded and undulating veins. Milky white quartz and smoky quartz. Roughly 60% vein + 40% phyllic altered granodiorite.
	219.96	8.4	HQ	GRD	756.4	487.3	3.08	2.8	Irregular banded ankerite and smoky quartz hosting blebby pyrite, galena, sphalerite and arsenopyrite.
	269.6	9.2	HQ	GRD	878.3	609.7	3.27	3.3	Banded smoky quartz vein with 1.8 centimeter strong phyllic altered granodiorite with strong silicification hosting disseminated pyrite. Smoky quartz band hosting blebby to semi-massive pyrite, blebby honey brown sphalerite and weak to strong gougle alteration.
	277.14	12.5	HQ	GRD	1504.6	1104.5	4.12	3.8	Smoky quartz vein hosting semi-massive arsenopyrite, pervasive jamesonite and blebby pyrite. Intruded by blebby breccia ankerite-calcite veins rimmed by semi-massive blackjack and honey brown sphalerite and galena.
	277.3		HQ	VEN	605.2	443.4	3.83	3.7	Smoky quartz vein hosting semi-massive arsenopyrite, pervasive jamesonite, pervasive blackjack sphalerite and blebby pyrite. Cut by white ankerite veinlets and stringers.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	281	12.1	HQ	BXA	1094.6	694.6	3.1	2.7	Diamicitic breccia in moderate phyllic, moderately silicified granodiorite. Rounded coarse sand to boulder clasts in medium sand matrix.
	285.91	16.2	HQ	GRD	1430.8	907.3	3.02	2.7	Strong silicified moderate to strong phyllic altered granodiorite with blebby honey brown sphalerite, pyrite and hematite. Strong obliterated textures.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.15	6.15	2.00	GRD	MG	Pervasively moderate to strongly oxidized moderate argillic alteration. First ~1.15cm are rubbly. Oxidation obscures rick textures.							
						MD	OR		OXI	3I		
						LT	WH	RB	OXI	4I		
									ARG	3I		
6.15	10.19	4.04	GRD	MG	Pervasive strong-moderately oxidized, silicified phyllic altered granodiorite. Oxidation obscures rock textures.							
						MD	OR		OXI	3I		
						MD	GY		OXI	4I		
						MD	GN		SIL	3I		
									PHC	3I		
10.19	12.32	2.13	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Weak pervasive oxidation at the start of the interval. Moderate oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	OR		POT	2I		
						MD	PK		PRO	2I		
						MD	GY		POT	1I		
						DK	GN		PRO	1I		
									OXI	2I		
									OXI	3I		
									SIL	3I		
12.32	13.68	1.36	GRD	MG	Pervasively oxidized moderately silicified phyllic envelope around three quartz veins.							
						MD	OR	EN	OXI	3I		
						MD	GN		PHC	3I		
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
13.68	24.20	10.52	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Weak pervasive oxidation at the start of the interval. Moderate oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	GY		POT	1I		
						MD	PK		PRO	2I		
						MD	OR		POT	2I		
						DK	GN		PRO	1I		
									OXI	2I		
									OXI	3I		
									SIL	3I		
24.20	25.60	1.40	GRD	MG	Pervasively strongly oxidized alternating patches of moderate argillic alteration and moderately silicified phyllic alteration. Oxidation obscures rock textures.							
						MD	GY		SIL	3I		
						MD	OR		OXI	4I		
						MD	GN		PHC	3I		
						LT	WH		ARG	3I		
25.60	34.13	8.53	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Weak pervasive oxidation at the start of the interval. Moderate oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	PK		PRO	2I		
						MD	GY		POT	1I		
						MD	OR		POT	2I		
						DK	GN		PRO	1I		
									OXI	2I		
									OXI	3I		
									SIL	3I		
34.13	41.90	7.77	GRD	MG	Pervasively strongly oxidized alternating patches of moderate argillic alteration and moderately silicified phyllic alteration. Oxidation obscures rock textures.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		
						MD	GY		SIL	3I		
						MD	OR		OXI	4I		
						LT	WH		ARG	3I		
41.90	51.00	9.10	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Weak pervasive oxidation at the start of the interval. Moderate oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	GY		POT	1I		
						MD	OR		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		PRO	1I		
									SIL	3I		
									OXI	2I		
									OXI	3I		
51.00	51.98	0.98	GRD	MG	Pervasively strongly oxidized alternating patches of moderate argillic alteration and moderately silicified phyllic alteration. Oxidation obscures rock textures.							
						MD	GN		SIL	3I		
						MD	GY		OXI	4I		
						MD	OR		ARG	3I		
						LT	WH		PHC	3I		
51.98	56.48	4.50	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Weak pervasive oxidation at the start of the interval. Moderate oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	PK		PRO	2I		
						MD	GY		POT	1I		
						MD	OR		POT	2I		
						DK	GN		PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									SIL	3I		
									OXI	2I		
									OXI	3I		
56.48	57.00	0.52	GRD	MG	Moderate potassic overprinted moderate argillic alteration.							
						LT	WH		ARG	3I		
						LT	PK		POT	3I		
57.00	61.55	4.55	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Weak pervasive oxidation at the start of the interval. Moderate oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	PK		PRO	2I		
						MD	GY		POT	1I		
						MD	OR		POT	2I		
						DK	GN		PRO	1I		
									SIL	3I		
									OXI	2I		
									OXI	3I		
63.23	67.90	4.67	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Weak pervasive oxidation at the start of the interval. Moderate oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	GY		POT	1I		
						MD	OR		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		PRO	1I		
									SIL	3I		
									OXI	2I		
									OXI	3I		
67.90	73.07	5.17	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
73.07	78.10	5.03	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak to moderate propyllitic altered granodiorite. Weak to moderate oxidation along fractures.							
						MD	GY	PA	OXI	2I		
						MD	OR		SIL	3I		
						LT	GN		OXI	3I		
									PHC	3I		
									PRO	2I		
									PRO	3I		
78.10	78.52	0.42	GRD	MG	Weak potassic/propyllitic overprinted argillic alteration.							
						MD	PK		PRO	2I		
						LT	WH		POT	2I		
						DK	GN		ARG	3I		
78.52	93.00	14.48	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
93.00	97.35	4.35	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Moderate phyllic envelopes around the abundance of carbonate veinlets.							
						MD	GY					
						MD	PK					
						LT	GN	EN	PHC	3I		
						DK	GN					
97.35	109.06	11.71	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
109.06	109.65	0.59	GRD	MG	Moderately silicified phyllic/propyllitic envelope around a quartz/carbonate vein. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from the vein.							
						MD	PK		PHC	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		POT	3I		
						DK	GN		ARG	3I		
									PRO	3I		
109.65	117.80	8.15	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
117.80	123.66	5.86	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration silicified weak potassic/propyllitic alteration and silicified phyllic envelopes around carbonate +/- quartz veins.							
						MD	PK	PA	POT	2I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN	EN	PRO	2I		
									SIL	3I		
123.66	132.60	8.94	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
132.60	134.17	1.57	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration silicified weak potassic/propyllitic alteration and silicified phyllic envelopes around carbonate +/- quartz veins.							
						MD	PK	PA	POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN	EN	PRO	2I		
									SIL	3I		
134.17	137.12	2.95	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
137.12	139.70	2.58	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate/pyrite veins.							
						LT	GN		PHC	3I		
									SIL	3I		
139.70	149.85	10.15	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
149.85	150.85	1.00	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration silicified weak potassic/propyllitic alteration and silicified phyllic envelopes around carbonate +/- quartz veinlets.							
						MD	PK	PA	POT	2I		
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						DK	GN	EN	PRO	2I		
									SIL	3I		
150.85	152.01	1.16	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate/pyrite veins.							
						LT	GN		PHC	3I		
									SIL	3I		
152.01	154.10	2.09	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
154.10	154.60	0.50	GRD	MG	Moderately silicified phyllic/propyllitic envelope around a quartz/carbonate vein. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from the vein.							
						MD	PK		PHC	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		POT	3I		
						DK	GN		ARG	3I		
									PRO	3I		
154.60	157.62	3.02	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
157.62	157.78	0.16	GRD	MG	Weak potassic overprinted argillic granodiorite.							
						MD	PK		POT	3I		
						LT	WH		PRO	3I		
						DK	GN		ARG	3I		
157.78	158.34	0.56	BXA	--	Multi-phase polymictic contacts breccia. Hosts trace disseminated pyrite.							
								BX			Py	1
158.34	169.68	11.34	QFP	FG	Alternating patches of light grey, dark red, light grey/green quartz feldspar porphyry dyke. Upper contact is sharp oriented at 80 degrees TCA. Lower contact is brecciated and rubbly, no angle.							
						LT	GY	PA				
						LT	GN					
						DK	RD	PO				
169.68	170.22	0.54	BXA	MG	Brecciated quartz/pyrite vein in a propyllitic/argillic matrix.							
								BX			Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
170.22	173.74	3.52	QFP	FG	Alternating patches of light grey, dark red, light grey/green quartz feldspar porphyry dyke. Upper contact is sharp oriented at 80 degrees TCA. Lower contact is brecciated and rubbly, no angle.							
						LT	GY	PA				
						LT	GN					
						DK	RD	PO				
173.74	174.82	1.08	GRD	MG	Weak potassic/propyllitic overprinted argillic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		ARG	3I		
						DK	GN		PRO	2I		
174.82	181.17	6.35	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		SIL	3I		
						MD	GY		POT	2I		
						DK	GN		PRO	2I		
183.20	198.35	15.15	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		SIL	3I		
						MD	GY		POT	2I		
						DK	GN		PRO	2I		
199.88	202.45	2.57	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. Has small phyllic envelopes around carbonate +/- quartz veinlets.							
						MD	GY		POT	2I		
						MD	PK		SIL	3I		
						DK	GN		PRO	2I		
202.45	203.10	0.65	GRD	MG	Moderately silicified phyllic alteration with patchy potassic overprinted argillic alteration. Phyllic alteration hosts multiple quartz/carbonate +/- sulphide veins.							
						MD	PK		ARG	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		POT	3I		
203.10	203.97	0.87	GRD	MG	Weak potassic/propyllitic altered granodiorite, moderately silicified.							
						MD	GY		PRO	2I		
						MD	PK		SIL	3I		
						DK	GN		POT	2I		
203.97	205.52	1.55	GRD	MG	Moderately silicified phyllic alteration with patchy potassic overprinted argillic alteration. Phyllic alteration hosts multiple quartz/carbonate +/- sulphide veins.							
						MD	PK		ARG	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	3I		
205.52	209.21	3.69	GRD	MG	Weak potassic/propyllitic altered granodiorite, moderately silicified. Transitions to silicified potassic overprinted argillic alteration with patchy propyllitic alteration.							
						MD	PK		PRO	2I		
						MD	GY		POT	2I		
						LT	WH		ARG	3I		
						DK	GN	PA	SIL	3I		
209.21	211.76	2.55	GRD	MG	Moderately silicified phyllic alteration with patchy potassic overprinted argillic alteration. Phyllic alteration hosts multiple quartz/carbonate +/- sulphide veins.							
						MD	PK		ARG	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	3I		
211.76	213.53	1.77	GRD	MG	Moderately silicified, weak to moderate potassic/propyllitic altered granodiorite.							
						MD	PK		POT	3I		
						MD	GY		SIL	3I		
						DK	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
213.53	220.58	7.05	GRD	MG	Weakly silicified, weak potassic/propyllitic overprinted argillic altered granodiorite.							
						MD	PK		SIL	2I		
						LT	WH		POT	2I		
						DK	GN		PRO	2I		
									ARG	3I		
220.58	231.05	10.47	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
231.05	231.95	0.90	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate/pyrite vein. Phyllic alteration transitions to silicified potassic overprinted argillic altered granodiorite distally from vein.							
						MD	PK		ARG	3I		
						LT	GN	EN	SIL	3I		
						LT	WH		POT	3I		
									PHC	3I		
231.95	255.12	23.17	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
255.12	260.10	4.98	GRD	MG	Moderately phyllic altered and silicified granodiorite with patchy weak to moderate propyllitic alteration. Hosts multiple quartz/carbonate/sulphide dykes. Interval is rubbly.							
						LT	GN	RB	PHC	3I		
						LT	GY		PRO	2I		
						DK	GN		SIL	3I		
									PRO	3I		
260.10	261.15	1.05	GRD	MG	Weakly silicified, moderate to strong phyllic altered granodiorite. Hosts disseminated pyrite and multiple quartz/sulphide veins. Hosts a large partially gouge altered quartz sulphide vein.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	PHC	3I	Py	5
						MD	GY		PRO	2I		
						DK	GN		SIL	3I		
									POT	2I		
261.15	264.34	3.19	GRD	MG	Moderately phyllic altered and silicified granodiorite with patchy weak to moderate propyllitic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						LT	GY		PRO	2I		
						LT	GN		PHC	3I		
						DK	GN		SIL	3I		
									PRO	3I		
264.34	267.57	3.23	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
									PRO	2I		
267.57	270.05	2.48	GRD	MG	Moderately silicified, moderate to strong phyllic altered granodiorite with patchy weak to moderate propyllitic alteration. Hosts disseminated pyrite and multiple quartz/sulphide veins.							
						MD	GY	PA	SIL	3I	Py	1
						MD	GN		PHC	3I		
						LT	GN		PHC	4I		
									PRO	2I		
									PRO	3I		
270.05	271.45	1.40	QFP	FG	Quartz feldspar porphyry dyke. Light orange adjacent to dyke contact and dark purple in the center of the dyke. Upper and lower contacts are gouge altered, no angle.							
						LT	OR					
						DK	PU					
271.45	277.19	5.74	GRD	MG	Moderately silicified, moderate to strong phyllic altered granodiorite with patchy weak to moderate propyllitic alteration. Hosts disseminated pyrite and multiple quartz/sulphide veins.							
						MD	GY	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		
						LT	GN		PHC	4I		
									PRO	3I		
									PRO	2I		
277.19	277.72	0.53	VEN	--	Smokey quartz vein pervasively mineralized with jamesonite and hosting disseminated to blebby pyrite and arsenopyrite. Upper portion of quartz vein is cross-cut by a 6cm light tan/cream ankerite vein. Ankerite brecciates 1-3cm sized quartz/pyrite/arsenopyrite/jamesonite clasts. Clasts are rimmed with blackjack sphalerite +/- galena blebs. Ankerite selvedges are lined with blebby blackjack sphalerite +/- galena. Arsenopyrite blebs are found proximal to sphalerite. Vein is fractured and rubbly.							
											Jm	20
											Gn	1
											Py	10
											As	10
											Sp	5
277.72	278.50	0.78	VEN	--	Very rubbly grey to dark grey gouge and smokey quartz vein. Hosts disseminated pyrite. POOR RECOVERY.							
								RB			Py	1
279.33	280.95	1.62	GRD	MG	Moderate to strongly silicified alternating patches of phyllic/propyllitic alteration and propyllitic potassic alteration							
						MD	PK		POT	3I		
						LT	GN	PA	SIL	3I		
						LT	GY		SIL	4I		
						DK	GN		PRO	3I		
									PHC	3I		
280.95	281.45	0.50	BXA	--	Grey to smokey quartz brecciating moderate phyllic altered granodiorite. Clasts are pebble to cobble sized and sub-rounded. Quartz matrix hosts disseminated pyrite.							
						MD	GY	BX	PHC	3I	Py	1
						MD	GN		SIL	5I		
						LT	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
281.45	283.02	1.57	GRD	MG	Moderate to strongly silicified, phyllic altered granodiorite with patchy propyllitic alteration. Hosts blebby pyrite. Silicification obscures rock textures.							
						MD	GN		PHC	4I		
						LT	GN	PA	PHC	3I	Py	1
									SIL	3I		
									SIL	4I		
									PRO	3I		
283.02	287.33	4.31	GRD	MG	Weakly potassic and propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate veinlets per meter.							
						MD	GY		POT	2I		
						MD	PK		SIL	3I		
						DK	GN		PRO	2I		
287.33	288.35	1.02	BXA	--	Gouge altered and rubbly white carbonate breccia with silicified phyllic altered granodiorite clasts.							
								BX				
288.35	294.07	5.72	GRD	MG	Moderate to strongly silicified phyllic granodiorite with patchy propyllitic alteration.							
						MD	GN					
						LT	GN					
294.07	294.62	0.55	GRD	MG	Weakly potassic and propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate veinlets per meter.							
						MD	PK		SIL	3I		
						MD	GY		POT	2I		
						DK	GN		PRO	2I		
294.62	295.92	1.30	GRD	MG	Moderately silicifed phyllic altered granodiriote with patchy propyllitic alteration and potassic overprinted argillic alteration.							
						LT	GN	PA	SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		
295.92	298.65	2.73	GRD	MG	Weakly potassic and propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate veinlets per meter.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	2I		
						MD	PK		SIL	3I		
						DK	GN		PRO	2I		
298.65	300.46	1.81	GRD	MG	Moderately silicified, moderate argillic/potassic/propyllitic altered granodiorite.							
						MD	PK		ARG	3I		
						LT	WH		SIL	3I		
						DK	GN		POT	3I		
									PRO	3I		
300.46	304.65	4.19	GRD	MG	Weakly potassic and propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate veinlets per meter.							
						MD	GY		POT	2I		
						MD	PK		SIL	3I		
						DK	GN		PRO	2I		
304.65	305.17	0.52	GRD	MG	Moderately silicified, moderate argillic/potassic/propyllitic altered granodiorite.							
						MD	PK		ARG	3I		
						LT	WH		SIL	3I		
						DK	GN		POT	3I		
									PRO	3I		
305.17	309.97	4.80	GRD	MG	Weakly potassic and propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate veinlets per meter.							
						MD	PK		SIL	3I		
						MD	GY		POT	2I		
						DK	GN		PRO	2I		
309.97	312.16	2.19	GRD	MG	Moderately silicifed phyllic altered granodiriote with patchy propyllitic alteration and potassic overprinted argillic alteration.							
						LT	GN		SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
312.16	314.55	2.39	GRD	MG	Weakly potassic and propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate veinlets per meter.							
						MD	PK		SIL	3I		
						MD	GY		POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.15	6.15	2.00	GRD	MG	Pervasively moderate to strongly oxidized moderate argillic alteration. First ~1.15cm are rubbly. Oxidation obscures rick textures.							
						LT	WH	RB	OXI	4I		
						MD	OR		OXI	3I		
									ARG	3I		
6.15	10.19	4.04	GRD	MG	Pervasive strong-moderately oxidized, silicified phyllic altered granodiorite. Oxidation obscures rock textures.							
						MD	OR		OXI	3I		
						MD	GY		OXI	4I		
						MD	GN		SIL	3I		
									PHC	3I		
10.19	67.90	57.71	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Weak pervasive oxidation at the start of the interval. Moderate oxidation along fracture surfaces. Oxidation intensity decreases with depth.							
						MD	PK		PRO	2I		
									SIL	3I		
									OXI	2I		
						DK	GN		PRO	1I		
						MD	OR		POT	2I		
						MD	GY		POT	1I		
									OXI	3I		
67.90	157.78	89.88	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 carbonate veinlet per meter.							
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
						MD	GY		SIL	3I		
157.78	158.34	0.56	BXA	--	Multi-phase polymictic contacts breccia. Hosts trace disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
								BX			Py	1
158.34	173.74	15.40	QFP	FG	Alternating patches of light grey, dark red, light grey/green quartz feldspar porphyry dyke. Upper contact is sharp oriented at 80 degrees TCA. Lower contact is brecciated and rubbly, no angle.							
						LT	GY	PO				
						DK	RD	PA				
						LT	GN					
173.74	174.82	1.08	GRD	MG	Weak potassic/propyllitic overprinted argillic altered granodiorite.							
						MD	PK		ARG	3I		
						MD	GY		POT	2I		
						DK	GN		PRO	2I		
174.82	202.45	27.63	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		
						DK	GN		PRO	2I		
						MD	PK		SIL	3I		
202.45	220.58	18.13	GRD	MG	Moderately silicified phyllic alteration with patchy potassic overprinted argillic alteration. Phyllic alteration hosts multiple quartz/carbonate +/- sulphide veins.							
						MD	PK		ARG	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	3I		
						LT	GN	EN	SIL	3I		
220.58	255.12	34.54	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
255.12	264.34	9.22	GRD	MG	Moderately phyllic altered and silicified granodiorite with patchy weak to moderate propyllitic alteration. Hosts multiple quartz/carbonate/sulphide veins.							
						DK	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		PRO	2I		
									PRO	3I		
						LT	GN	PA	PHC	3I		
264.34	267.57	3.23	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
						MD	GY		SIL	3I		
267.57	270.05	2.48	GRD	MG	Moderately silicified, moderate to strong phyllic altered granodiorite with patchy weak to moderate propyllitic alteration. Hosts disseminated pyrite and multiple quartz/sulphide veins.							
						LT	GN		PHC	4I		
									PRO	3I		
									PRO	2I		
						MD	GY	PA	SIL	3I	Py	1
						MD	GN		PHC	3I		
270.05	271.45	1.40	QFP	FG	Quartz feldspar porphyry dyke. Light orange adjacent to dyke contact and dark purple in the center of the dyke. Upper and lower contacts are gouge altered, no angle.							
						LT	OR					
						DK	PU					
271.45	277.19	5.74	GRD	MG	Moderately silicified, moderate to strong phyllic altered granodiorite with patchy weak to moderate propyllitic alteration. Hosts disseminated pyrite and multiple quartz/sulphide veins.							
									PRO	3I		
									PRO	2I		
						LT	GN		PHC	4I		
						MD	GN		PHC	3I		
						MD	GY	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
277.19	277.72	0.53	VEN	--	Smokey quartz vein pervasively mineralized with jamesonite and hosting disseminated to blebby pyrite and arsenopyrite. Upper portion of quartz vein is cross-cut by a 6cm light tan/cream ankerite vein. Ankerite brecciates 1-3cm sized quartz/pyrite/arsenopyrite/jamesonite clasts. Clasts are rimmed with blackjack sphalerite +/- galena blebs. Ankerite selvedges are lined with blebby blackjack sphalerite +/- galena. Arsenopyrite blebs are found proximal to sphalerite. Vein is fractured and rubbly.							
											Gn	1
											Jm	20
											As	10
											Py	10
											Sp	5
277.72	278.50	0.78	VEN	--	Very rubbly grey to dark grey gouge and smokey quartz vein. Hosts disseminated pyrite. POOR RECOVERY.							
								RB			Py	1
279.33	280.95	1.62	GRD	MG	Moderate to strongly silicified alternating patches of phyllic/propyllitic alteration and propyllitic potassic alteration							
						LT	GN	PA	SIL	3I		
						LT	GY		SIL	4I		
						DK	GN		PRO	3I		
						MD	PK		POT	3I		
									PHC	3I		
280.95	281.45	0.50	BXA	--	Grey to smokey quartz brecciating moderate phyllic altered granodiorite. Clasts are pebble to cobble sized and sub-rounded. Quartz matrix hosts disseminated pyrite.							
						MD	GY	BX	PHC	3I	Py	1
						MD	GN		SIL	5I		
						LT	GN					
281.45	283.02	1.57	GRD	MG	Moderate to strongly silicified, phyllic altered granodiorite with patchy propyllitic alteration. Hosts blebby pyrite. Silicification obscures rock textures.							
						LT	GN	PA	PHC	3I	Py	1
						MD	GN		PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	3I		
									SIL	3I		
									SIL	4I		
283.02	314.55	31.53	GRD	MG	Weakly potassic and propyllitic altered granodiorite. Moderately silicified. ~1-2 carbonate veinlets per meter.							
						MD	GY		POT	2I		
						MD	PK		SIL	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.15	4.15	0	0	0.00	0	--	--	--	
4.15	5.18	1.03	0.83	81	0.00	0	--	1H	4W	
5.18	8.23	3.05	2.58	85	0.65	21	--	2H	3W	
8.23	11.28	3.05	2.77	91	2.12	70	--	3H	2W	
11.28	14.33	3.05	2.91	95	1.33	44	--	3H	3W	
14.33	17.37	3.04	2.89	95	1.71	56	--	3H	2W	
17.37	20.42	3.05	3.03	99	2.33	76	--	3H	2W	
20.42	23.47	3.05	2.59	85	1.49	49	--	4H	2W	
23.47	26.52	3.05	2.86	94	1.19	39	--	2H	3W	
26.52	29.57	3.05	2.77	91	2.70	89	--	4H	2W	
29.57	32.61	3.04	2.74	90	1.82	60	--	4H	2W	
32.61	35.66	3.05	3.04	100	2.16	71	--	3H	3W	
35.66	38.71	3.05	2.95	97	1.80	59	--	3H	2W	
38.71	41.76	3.05	2.8	92	2.41	79	--	3H	2W	
41.76	44.81	3.05	3.03	99	2.44	80	--	4H	2W	
44.81	47.85	3.04	2.95	97	2.45	81	--	4H	2W	
47.85	50.90	3.05	2.95	97	2.48	81	--	4H	2W	
50.90	53.95	3.05	2.98	98	1.61	53	--	4H	2W	
53.95	57.00	3.05	3	98	2.56	84	--	3H	2W	
57.00	60.05	3.05	2.86	94	1.88	62	--	4H	2W	40 degree joint not pervasive.
60.05	63.09	3.04	2.98	98	2.11	69	--	3H	2W	
63.09	66.14	3.05	2.89	95	1.67	55	--	4H	2W	
66.14	69.19	3.05	3.05	100	2.74	90	--	4H	2W	
69.19	72.24	3.05	2.98	98	2.18	71	--	4H	2W	
72.24	75.29	3.05	2.99	98	2.58	85	--	3H	2W	
75.29	78.33	3.04	2.73	90	1.07	35	--	3H	1W	
78.33	81.38	3.05	2.98	98	2.10	69	--	4H	1W	
81.38	84.43	3.05	3.05	100	2.63	86	--	4H	1W	
84.43	87.48	3.05	2.89	95	2.22	73	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.96	97	1.82	60	--	4H	1W	
90.53	93.57	3.04	3.03	100	2.72	89	--	3H	1W	30 degree joint pervasive.
93.57	96.62	3.05	2.57	84	2.12	70	--	3H	1W	
96.62	99.67	3.05	3.04	100	2.40	79	--	4H	1W	
99.67	102.72	3.05	3.05	100	2.57	84	--	4H	1W	
102.72	105.77	3.05	3.01	99	2.27	74	--	4H	1W	
105.77	108.81	3.04	2.97	98	1.90	63	--	3H	1W	
108.81	111.86	3.05	3.05	100	2.55	84	--	4H	1W	
111.86	114.91	3.05	2.93	96	2.62	86	--	3H	1W	
114.91	117.96	3.05	3.05	100	2.28	75	--	3H	1W	
117.96	121.01	3.05	3.05	100	2.38	78	--	3H	1W	15 degree not pervasive
121.01	124.06	3.05	2.91	95	2.33	76	--	3H	1W	
124.06	127.10	3.04	2.7	89	2.36	78	--	4H	1W	
127.10	130.15	3.05	2.78	91	2.41	79	--	4H	1W	
130.15	133.20	3.05	3.05	100	2.90	95	--	4H	1W	
133.20	136.25	3.05	2.86	94	2.36	77	--	4H	1W	
136.25	139.29	3.04	3.04	100	2.50	82	--	3H	1W	
139.29	142.34	3.05	2.83	93	2.64	87	--	4H	1W	
142.34	145.39	3.05	3.05	100	2.85	93	--	4H	1W	40 degree and 70 degree not pervasive
145.39	148.44	3.05	3.05	100	2.87	94	--	4H	1W	
148.44	151.49	3.05	2.91	95	2.79	91	--	3H	1W	
151.49	154.54	3.05	1.4	46	1.06	35	--	3H	1W	
154.54	157.59	3.05	2.93	96	2.12	70	--	4H	1W	
157.59	160.62	3.03	2.91	96	2.15	71	--	3H	1W	
160.62	163.67	3.05	3.05	100	2.71	89	--	3H	1W	
163.67	166.72	3.05	3.02	99	2.35	77	--	3H	1W	
166.72	169.77	3.05	3.01	99	2.16	71	--	3H	1W	
169.77	172.82	3.05	2.84	93	2.00	66	--	3H	1W	
172.82	175.87	3.05	3.05	100	2.80	92	--	3H	1W	
175.87	178.92	3.05	3.05	100	2.41	79	--	4H	1W	
178.92	181.97	3.05	3	98	2.59	85	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	2.61	86	--	3H	1W	
185.01	188.06	3.05	2.94	96	2.87	94	--	4H	1W	
188.06	191.11	3.05	3.05	100	2.61	86	--	4H	1W	
191.11	194.16	3.05	3.01	99	2.84	93	--	4H	1W	
194.16	197.21	3.05	2.94	96	2.79	91	--	4H	1W	
197.21	200.25	3.04	2.93	96	2.00	66	--	3H	1W	
200.25	203.30	3.05	2.94	96	2.21	72	--	3H	1W	
203.30	206.35	3.05	2.94	96	2.60	85	--	3H	1W	
206.35	209.40	3.05	2.37	78	1.42	47	--	3H	1W	
209.40	212.45	3.05	2.65	87	1.90	62	--	3H	1W	
212.45	215.49	3.04	2.99	98	2.59	85	--	3H	1W	
215.49	218.54	3.05	2.79	91	0.92	30	--	3H	1W	
218.54	221.59	3.05	2.94	96	2.11	69	--	3H	1W	
221.59	224.64	3.05	3.05	100	2.61	86	--	4H	1W	
224.64	227.69	3.05	3.03	99	2.97	97	--	4H	1W	
227.69	230.73	3.04	2.98	98	2.46	81	--	4H	1W	
230.73	233.78	3.05	2.94	96	2.60	85	--	4H	1W	
233.78	236.83	3.05	3.04	100	2.19	72	--	4H	1W	
236.83	239.88	3.05	2.87	94	2.51	82	--	4H	1W	
239.88	242.93	3.05	3.04	100	2.08	68	--	4H	1W	
242.93	245.97	3.04	3.04	100	2.40	79	--	4H	1W	
245.97	249.02	3.05	3.01	99	2.11	69	--	4H	1W	
249.02	252.07	3.05	3.05	100	2.12	70	--	4H	1W	
252.07	255.12	3.05	3.05	100	1.42	47	--	4H	1W	
255.12	258.17	3.05	2.73	90	0.65	21	--	3H	1W	
258.17	261.21	3.04	2.52	83	0.86	28	--	2H	1W	
261.21	264.26	3.05	3.04	100	2.45	80	--	2H	1W	
264.26	267.31	3.05	3.03	99	2.35	77	--	4H	1W	
267.31	270.36	3.05	2.98	98	1.97	65	--	3H	1W	
270.36	273.41	3.05	2.75	90	1.66	54	--	3H	1W	
273.41	276.45	3.04	3	99	2.37	78	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.45	279.50	3.05	2.22	73	0.56	18	--	3H	1W	
279.50	282.55	3.05	2.76	90	1.06	35	--	3H	1W	
282.55	285.60	3.05	3.03	99	1.51	50	--	3H	1W	
285.60	288.65	3.05	2.34	77	0.15	5	--	2H	1W	
288.65	291.69	3.04	2.85	94	0.70	23	--	3H	1W	
291.69	294.74	3.05	2.75	90	1.98	65	--	3H	1W	
294.74	297.79	3.05	2.94	96	2.21	72	--	4H	1W	
297.79	300.84	3.05	2.91	95	2.48	81	--	4H	1W	
300.84	303.89	3.05	2.97	97	2.30	75	--	4H	1W	
303.89	306.93	3.04	3.01	99	2.67	88	--	4H	1W	
306.93	309.98	3.05	3.05	100	2.73	90	--	4H	1W	
309.98	313.03	3.05	2.93	96	2.31	76	--	4H	1W	
313.03	314.55	1.52	1.52	100	1.34	88	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	1.12	GRD	
6	0.174	GRD	
7	0.206	GRD	
8	0.169	GRD	
9	0.294	GRD	
10	0.3	GRD	
11	3.51	GRD	
12	0.488	GRD	
13	0.173	GRD	
14	5.16	GRD	
15	1.47	GRD	
16	14.3	GRD	
17	14.4	GRD	
18	13	GRD	
19	0.791	GRD	
20	14.7	GRD	
21	17.4	GRD	
22	14	GRD	
23	14	GRD	
24	4.04	GRD	
25	0.255	GRD	
26	5.42	GRD	
27	13.7	GRD	
28	5.93	GRD	
29	15.3	GRD	
30	4.69	GRD	
31	16.6	GRD	
32	17.1	GRD	
33	16.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	9.26	GRD	
35	0.382	GRD	
36	9.76	GRD	
37	0.336	GRD	
38	0.684	GRD	
39	0.35	GRD	
40	0.397	GRD	
41	6.11	GRD	
42	12.5	GRD	
43	9.84	GRD	
44	19.7	GRD	
45	20.5	GRD	
46	18.2	GRD	
47	18.4	GRD	
48	19.2	GRD	
49	15.7	GRD	
50	21.3	GRD	
51	1.56	GRD	
52	4.98	GRD	
53	0.406	GRD	
54	2.39	GRD	
55	14.7	GRD	
56	8.71	GRD	
57	5.94	GRD	
58	20.2	GRD	
59	15.1	GRD	
60	16.7	GRD	
61	11.3	GRD	
62	1.77	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	4.58	GRD	
64	8.85	GRD	
65	14.6	GRD	
66	15.3	GRD	
67	14.1	GRD	
68	0.756	GRD	
69	12	GRD	
70	17.4	GRD	
71	15.3	GRD	
72	13.4	GRD	
73	15.4	GRD	
74	0.574	GRD	
75	0.377	GRD	
76	0.489	GRD	
77	0.422	GRD	
78	0.473	GRD	
79	8.05	GRD	
80	13.2	GRD	
81	1.32	GRD	
82	1.15	GRD	
83	16.1	GRD	
84	16.9	GRD	
85	11.7	GRD	
86	15.8	GRD	
87	17.3	GRD	
88	19	GRD	
89	14.6	GRD	
90	15.8	GRD	
91	16.7	GRD	
92	14.1	GRD	
93	0.545	GRD	
94	0.397	GRD	
95	0.64	GRD	
96	0.351	GRD	
97	0.416	GRD	
98	6.21	GRD	
99	2.31	GRD	
100	20.6	GRD	
101	17.8	GRD	
102	17.7	GRD	
103	18.4	GRD	
104	0.766	GRD	
105	6.47	GRD	
106	0.46	GRD	
107	0.511	GRD	
108	0.643	GRD	
109	0.599	GRD	
110	18.3	GRD	
111	19.8	GRD	
112	1.22	GRD	
113	0.89	GRD	
114	4.31	GRD	
115	1.16	GRD	
116	3.9	GRD	
117	5.33	GRD	
118	0.35	GRD	
119	1.803	GRD	
120	0.348	GRD	
121	2.4	GRD	
122	0.346	GRD	
123	0.562	GRD	
124	12.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	10.84	GRD	
126	6.7	GRD	
127	4	GRD	
128	17.5	GRD	
129	8.26	GRD	
130	13.9	GRD	
131	12.23	GRD	
132	17.59	GRD	
133	1.05	GRD	
134	4.8	GRD	
135	4.3	GRD	
136	12.61	GRD	
137	11.21	GRD	
138	0.433	GRD	
139	0.342	GRD	
140	8.69	GRD	
141	13.36	GRD	
142	19.73	GRD	
143	18.57	GRD	
144	16.23	GRD	
145	19.21	GRD	
146	20.17	GRD	
147	14.61	GRD	
148	19.27	GRD	
149	0.594	GRD	
150	0.276	GRD	
151	0.363	GRD	
152	0.698	GRD	
153	17	GRD	
154	14.7	GRD	
155	10.3	GRD	
156	19.7	GRD	
157	10.2	GRD	
158	0.354	BXA	
159	0.256	QFP	
160	0.203	QFP	
161	0.213	QFP	
162	0.301	QFP	
163	0.289	QFP	
164	0.427	QFP	
165	0.236	QFP	
166	0.303	QFP	
167	0.209	QFP	
168	0.187	QFP	
169	0.203	QFP	
170	0.271	QFP	
171	0.335	QFP	
172	0.34	QFP	
173	0.188	QFP	
174	0.531	GRD	
175	16.8	GRD	
176	16.3	GRD	
177	16.6	GRD	
178	14.6	GRD	
179	16.7	GRD	
180	8.413	GRD	
181	0.383	GRD	
182	0.705	GRD	
183	0.497	GRD	
184	21.68	GRD	
185	19.54	GRD	
186	14.98	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
187	18.82	GRD	
188	18.35	GRD	
189	21.9	GRD	
190	22.99	GRD	
191	22.17	GRD	
192	17.4	GRD	
193	18.28	GRD	
194	19.28	GRD	
195	0.594	GRD	
196	20.5	GRD	
197	21.98	GRD	
198	17.17	GRD	
199	0.37	GRD	
200	5.695	GRD	
201	0.496	GRD	
202	11.8	GRD	
203	0.263	GRD	
204	1	GRD	
205	0.354	GRD	
206	2.87	GRD	
207	0.396	GRD	
208	0.33	GRD	
209	0.522	GRD	
210	0.275	GRD	
211	0.256	GRD	
212	0.734	GRD	
213	0.393	GRD	
214	0.406	GRD	
215	0.351	GRD	
216	0.298	GRD	
217	0.25	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
218	0.691	GRD	
219	0.38	GRD	
220	0.331	GRD	
221	19	GRD	
222	13.3	GRD	
223	19.3	GRD	
224	29.2	GRD	
225	14.7	GRD	
226	16.8	GRD	
227	20.3	GRD	
228	20.5	GRD	
229	19.6	GRD	
230	18.8	GRD	
231	2.69	GRD	
232	11	GRD	
233	18.3	GRD	
234	19.5	GRD	
235	14	GRD	
236	12.7	GRD	
237	11.7	GRD	
238	11.8	GRD	
239	19.4	GRD	
240	17.4	GRD	
241	20.5	GRD	
242	23.6	GRD	
243	17.4	GRD	
244	13.8	GRD	
245	21.7	GRD	
246	14.5	GRD	
247	18.4	GRD	
248	0.488	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
249	13.9	GRD	
250	17.1	GRD	
251	15.3	GRD	
252	8.54	GRD	
253	3.87	GRD	
254	2.36	GRD	
255	0.246	GRD	
256	0.435	GRD	
257	0.294	GRD	
258	0.451	GRD	
259	0.248	GRD	
260	0.379	GRD	
261	0.31	GRD	
262	0.432	GRD	
263	0.434	GRD	
264	0.199	GRD	
265	3.78	GRD	
266	5.5	GRD	
267	5.84	GRD	
268	0.173	GRD	
269	0.299	GRD	
270	0.218	GRD	
271	0.423	QFP	
272	0.435	GRD	
273	0.601	GRD	
274	0.798	GRD	
275	0.372	GRD	
276	0.618	GRD	
277	0.272	GRD	
278	282	VEN	
279	0.284	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
280	0.287	GRD	
281	0.721	BXA	
282	0.49	GRD	
283	0.904	GRD	
284	3.49	GRD	
285	13.1	GRD	
286	4.33	GRD	
287	0.106	GRD	
288	0.425	GRD	
289	0.272	GRD	
290	0.352	GRD	
291	0.251	GRD	
292	0.574	GRD	
293	0.339	GRD	
294	1.672	GRD	
295	0.734	GRD	
296	21.76	GRD	
297	5.05	GRD	
298	1.5	GRD	
299	2.18	GRD	
300	2.02	GRD	
301	11.12	GRD	
302	9.225	GRD	
303	8.76	GRD	
304	4.03	GRD	
305	0.669	GRD	
306	0.783	GRD	
307	17.66	GRD	
308	0.576	GRD	
309	9.019	GRD	
310	0.244	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
311	0.277	GRD	
312	0.462	GRD	
313	1.857	GRD	
314	13.25	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382325	6890954	1286.84	127.1

ZONE: Western Klaza

SECTION:

HOLE: KL-14-221

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 1.52m, Out

Drilling Dates: Aug 13 - Aug 14, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
5.18	14.39	-50.8	Reflex
127.1	35.3	-51	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	-?-
1.52	42.24	40.72	GRD
42.24	54	11.76	GRD
54	55.46	1.46	QFP
55.46	60.67	5.21	GRD
60.67	94.94	34.27	GRD
94.94	96.77	1.83	VEN
96.77	112.49	15.72	GRD
112.49	127.1	14.61	GRD

SAMPLES	
Numbers:	q927969, Q935915 to Q935965
Total:	58
Batch:	167, 169, 175
Certificates:	WH14125360, WH14125362, WH14125427, WH14134300, WH14134302

COMMENTS

Box Log

KL-14-221

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	7.76
2	7.76	11.35
3	11.35	15.95
4	15.95	20.3
5	20.3	24.41
6	24.41	28.49
7	28.49	32.71
8	32.71	37.06
9	37.06	41.18
10	41.18	44.6
11	44.6	49.88
12	49.88	54
13	54	58.3
14	58.3	62.66
15	62.66	67.04
16	67.04	71.42
17	71.42	75.55
18	75.55	79.69
19	79.69	83.95
20	83.95	87.85
21	87.85	92.15
22	92.15	95.9
23	95.9	100.05
24	100.05	104.16
25	104.16	108.33
26	108.33	112.5
27	112.5	116.73
28	116.73	121.01
29	121.01	125.23
30	125.23	127.1

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-221									
	95.59	17.01	NQ2	VEN	977.2	628.8	2.71	2.8	net textured vuggy smoky quartz-tan ankerite-calcite-rhodocrosite-chlorite vein hosting disseminated to blebby pyrite and sphalerite. Displaying comb textures on rhodocrosite-calcite boundaries and mossy ankerite textures. Vein is brecciating granodiorite.
	96.15	0	NQ2	VEN	542.2	357	2.93	2.9	net textured vuggy smoky quartz-tan ankerite-calcite-rhodocrosite-chlorite vein hosting disseminated to blebby pyrite and sphalerite. Displaying comb textures on rhodocrosite-calcite boundaries and mossy ankerite textures. Vein is brecciating granodiorite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	16.26	14.74	GRD	MG	Medium grey-green weak propalytic altered granodiorite with trace pottassic and moderate to strongly oxidation. Cut by pervasive quartz carbonate veins and veinlets with trace to moderate phyllic halos (distal to proximal). Patchy weak to strong argillic alteration.							
						MD	GY		PRO	2I		
						MD	GN		PHC	2I		
						MD	OR		POT	1I		
									ARG	3I		
									SIL	2I		
									OXI	3I		
16.26	17.92	1.66	GRD	MG	Moderate to strong phyllic alteration granodiorite with disseminated pyrite. Cut by ankerite-quartz veins and veinlets hosting pyrite, honey brown sphalerite and galena.							
						MD	GN					
17.92	20.42	2.50	GRD	MG	Medium grey-green weak propalytic altered granodiorite with trace pottassic and moderate to strongly oxidation. Cut by pervasive quartz carbonate veins and veinlets with trace to moderate phyllic halos (distal to proximal). Patchy weak to strong argillic alteration.							
						MD	OR		POT	1I		
						MD	GY		PRO	2I		
						MD	GN		PHC	2I		
									ARG	3I		
									SIL	2I		
									OXI	3I		
20.42	42.24	21.82	GRD	MG	Medium grey-green weak propalytic altered granodiorite with trace pottassic and patchy moderate oxidation. Cut by patchy quartz carbonate veins and veinlets with trace to moderate phyllic halos (distal to proximal). Patchy weak to strong argillic alteration.							
						MD	OR		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	2I		
						MD	GN		PHC	2I		
									ARG	3I		
									SIL	2I		
									OXI	3I		
42.24	47.85	5.61	GRD	MG	Hanging wall quartz feldspar dyke alteration halo in granodiorite. Moderate green,white trace pottassic altered granodiorite with weak propalytic overprint. Section of moderate argillic alteration distal to dyke plus weak to moderate phyllic and propalytic halos about pervasive quartz, carbonate and quartz carbonate veinlets and veins proximal to dyke. Weak oxidation pervasive with moderate oxidation about some fractures.							
						MD	GN		PRO	2I		
						MD	WH		POT	2I		
									PHC	3I		
									ARG	3I		
									SIL	3I		
									OXI	2I		
47.85	49.49	1.64	GRD	MG	Medium green granodiorite zone. Cut by pervasive, net textures ankerite veinlets, a chalcedony vein and 2 smoky quartz breccias. Pervasive moderate phyllic alteration with moderate propalytic overprint with moderate silicification throughout.							
									PHC	3I		
									PRO	3I		
									SIL	3I		
49.49	54.00	4.51	GRD	MG	Hanging wall quartz feldspar dyke alteration halo in granodiorite. Moderate green,white trace pottassic altered granodiorite with weak propalytic overprint. Section of moderate argillic alteration distal to dyke plus weak to moderate phyllic and propalytic halos about pervasive quartz, carbonate and quartz carbonate veinlets and veins proximal to dyke. Weak oxidation pervasive with moderate oxidation about some fractures.							
						MD	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	WH		PRO	3I		
									PHC	3I		
									ARG	3I		
									SIL	3I		
									OXI	2I		
55.46	60.67	5.21	GRD	MG	Footwall quartz feldspar altereation halo. Light white-red-green weak propalytic altered granodiorite with pervasive moderate argillic, weak pottassive and trace phyllic overprint. Cut by carbonate veinlets with small moderate phyllic halos, net chlorite veinlets with moderate chlorite halos. Weak oxidation on fracture surfaces.							
						MD	GN		POT	2I		
						MD	RD		PRO	3I		
						LT	WH		SID	2I		
									PHC	2I		
									CHL	3I		
60.67	69.19	8.52	GRD	MG	Medium green-grey weak propalytic altered granodiorite with trace pottassive overprint. Patchy moderate to strong argillic and moderate pottassic overprint with weak pottassic and trace phyllic overprints.							
						MD	GN		PRO	2I		
						MD	GY		POT	1I		
									SIL	4I		
69.19	94.94	25.75	GRD	MG	Medium green weak propalytic altered granodiorite with trace pottassive and pervasive moderate phyllic overprint. Patchy moderate argillic and moderate pottassic with patchy chloritization. Cut by frequent carbonated veinlets, net textured chlorite veinlets with chlorite halos and quartz veinlets.							
						MD	GN		PRO	2I		
									CHL	3I		
									ARG	3I		
									POT	2I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
94.94	96.77	1.83	VEN	MG	net textured vuggy smoky quartz-tan ankerite-calcite-rhodocrosite-chlorite vein hosting disseminated to blebby pyrite and sphalerite. Displaying comb textures on rhodocrosite-calcite boundaries and mossy ankerite textures. Vein is brecciating granodiorite.							
											Py	5
											Sp	0.5
96.77	112.49	15.72	GRD	MG	Footwall alteration halo about vein zone. Moderate phyllic altered granodiorite with strong phyllic alteration hosting disseminated pyrite proximal to zone. Patchy moderate pottassic distal to zone. Cut by pervasive net textured ankerite, calcite and chlorite veinlets and smoky breccias. Pervasive quartz-carbonate veins and veinlets with moderate to strong phyllic alteration and patches of disseminated pyrite. Significant vein at 97.23 (in secondary structures log).							
						MD	GN		PHC	3I	Py	0.5
									POT	3I		
									SIL	3I		
112.49	127.10	14.61	GRD	MG	Medium green-grey weak propalytic altered granodiorite with trace pottassive overprint. Patchy moderate to strong argillic and moderate pottassic overprint with weak pottassic and trace phyllic overprints. Plus patches of moderate hematization and pervasive ankerite and chlorite veinlets with moderate phyllic or chloritized halos respectively.							
						MD	GY		PRO	2I		
						MD	GN		POT	1I		
									SIL	4I		
									ARG	3I		
									HEM	3I		
									CHL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	42.24	40.72	GRD	MG	Medium grey-green weak propalytic altered granodiorite with trace pottassic and patchy moderate oxidation. Cut by patchy quartz carbonate veins and veinlets with trace to moderate phyllic halos (distal to proximal). Patchy weak to strong argillic alteration.							
						MD	GY		PRO	2I		
						MD	GN		PHC	2I		
									ARG	3I		
									SIL	2I		
									OXI	3I		
						MD	OR		POT	1I		
42.24	54.00	11.76	GRD	MG	Hanging wall quartz feldspar dyke alteration halo in granodiorite. Moderate green,white trace pottassic altered granodiorite with weak propalytic overprint. Section of moderate argillic alteration distal to dyke plus weak to moderate phyllic and propalytic halos about pervasive quartz, carbonate and quartz carbonate veinlets and veins proximal to dyke. Weak oxidation pervasive with moderate oxidation about some fractures.							
						MD	WH		PRO	3I		
						MD	GN		POT	2I		
									PHC	3I		
									ARG	3I		
									SIL	3I		
									OXI	3I		
55.46	60.67	5.21	GRD	MG	Footwall quartz feldspar altereation halo. Light white-red-green weak propalytic altered granodiorite with pervasive moderate argillic, weak pottassive and trace phyllic overprint. Cut by carbonate veinlets with small moderate phyllic halos, net chlorite veinlets with moderate chlorite halos. Weak oxidation on fracture surfaces.							
									CHL	3I		
						LT	WH		SID	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	RD		PRO	3I		
						MD	GN		POT	2I		
									PHC	2I		
60.67	94.94	34.27	GRD	MG	Medium green-grey weak propalytic altered granodiorite with trace pottassive overprint. Patchy moderate to strong argillic and moderate pottassic overprint with weak pottassic and trace phyllic overprints.							
						MD	GN		PRO	2I		
						MD	GY		POT	1I		
									SIL	4I		
94.94	96.77	1.83	VEN	MG	net textured vuggy smoky quartz-tan ankerite-calcite-rhodocrosite-chlorite vein hosting disseminated to blebby pyrite and sphalerite. Displaying comb textures on rhodocrosite-calcite boundaries and mossy ankerite textures. Vein is brecciating granodiorite.							
											Py	5
											Sp	0.5
96.77	112.49	15.72	GRD	MG	Footwall alteration halo about vein zone. Moderate phyllic altered granodiorite with strong phyllic alteration hosting disseminated pyrite proximal to zone. Patchy moderate pottassic distal to zone. Cut by pervasive net textured ankerite, calcite and chlorite veinlets and smoky breccias. Pervasive quartz-carbonate veins and veinlets with moderate to strong phyllic alteration and patches of disseminated pyrite. Significant vein at 97.23 (in secondary structures log).							
						MD	GN		PHC	3I	Py	0.5
									POT	3I		
									SIL	3I		
112.49	127.10	14.61	GRD	MG	Medium green-grey weak propalytic altered granodiorite with trace pottassive overprint. Patchy moderate to strong argillic and moderate pottassic overprint with weak pottassic and trace phyllic overprints. Plus patches of moderate hematization and pervasive ankerite and chlorite veinlets with moderate phyllic or chloritized halos respectively.							
									SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	2I		
						MD	GN		POT	1I		
									ARG	3I		
									HEM	3I		
									CHL	3I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	casing, no recovery
1.52	5.48	3.96	1.48	37	0.16	4	--	2H	3W	
5.48	8.23	2.75	2.53	92	1.20	44	--	3H	3W	
8.23	11.28	3.05	2.74	90	0.70	23	--	3H	3W	
11.28	14.33	3.05	2.44	80	0.61	20	--	4H	3W	
14.33	17.37	3.04	2.81	92	2.34	77	--	3H	2W	
17.37	20.42	3.05	2.94	96	1.77	58	--	3H	2W	
20.42	23.47	3.05	2.86	94	0.77	25	--	4H	2W	
23.47	26.52	3.05	2.96	97	0.91	30	--	3H	3W	
26.52	29.57	3.05	3.05	100	0.13	4	--	3H	2W	
29.57	32.61	3.04	2.8	92	1.37	45	--	3H	2W	
32.61	35.66	3.05	2.99	98	2.27	74	--	3H	2W	
35.66	38.71	3.05	3.05	100	1.99	65	--	4H	2W	
38.71	41.76	3.05	3.05	100	2.16	71	--	4H	2W	
41.76	44.81	3.05	2.9	95	2.00	66	--	3H	2W	
44.81	47.85	3.04	3.04	100	2.43	80	--	4H	2W	
47.85	50.90	3.05	3.05	100	1.81	59	--	4H	2W	
50.90	53.95	3.05	3.05	100	1.17	38	--	4H	2W	
53.95	57.00	3.05	3.01	99	2.18	71	--	4H	2W	
57.00	60.04	3.04	3.04	100	2.52	83	--	3H	2W	
60.04	63.09	3.05	3.02	99	2.28	75	--	4H	2W	
63.09	66.14	3.05	2.95	97	2.10	69	--	4H	2W	
66.14	69.19	3.05	3.03	99	2.18	71	--	4H	2W	
69.19	72.24	3.05	3.02	99	1.78	58	--	3H	2W	
72.24	75.29	3.05	3.05	100	2.05	67	--	4H	2W	
75.29	78.33	3.04	3.03	100	1.50	49	--	3H	2W	
78.33	81.38	3.05	3.05	100	1.84	60	--	4H	2W	
81.38	84.43	3.05	2.73	90	1.55	51	--	4H	2W	
84.43	87.48	3.05	3.05	100	2.75	90	--	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.99	98	2.38	78	--	4H	2W	
90.53	93.57	3.04	3.02	99	1.94	64	--	4H	2W	
93.57	96.62	3.05	3.03	99	1.66	54	--	4H	2W	
96.62	99.69	3.07	3.05	99	2.11	69	--	4H	2W	
99.69	102.72	3.03	2.95	97	1.52	50	--	4H	2W	
102.72	105.77	3.05	3.05	100	1.25	41	--	4H	2W	
105.77	108.81	3.04	3.04	100	1.90	63	--	3H	1W	
108.81	111.86	3.05	3.05	100	2.31	76	--	4H	1W	
111.86	114.91	3.05	2.98	98	2.26	74	--	4H	1W	
114.91	117.96	3.05	3.05	100	2.46	81	--	4H	1W	
117.96	121.01	3.05	3.05	100	2.87	94	--	4H	1W	
121.01	124.05	3.04	2.99	98	2.28	75	--	4H	1W	
124.05	127.10	3.05	3.01	99	2.26	74	--	4H	1W	

Magnetic Suscepatibility

KL-14-221

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	11.88	GRD	
6	0.235	GRD	
7	0.401	GRD	
8	0.22	GRD	
9	0.437	GRD	
10	2.613	GRD	
11	9.925	GRD	
12	5.272	GRD	
13	0.193	GRD	
14	0.062	GRD	
15	0.264	GRD	
16	0.112	GRD	
17	0.278	GRD	
18	0.33	GRD	
19	1.522	GRD	
20	0.55	GRD	
21	5.778	GRD	
22	1.75	GRD	
23	0.223	GRD	
24	11.75	GRD	
25	14.09	GRD	
26	14.73	GRD	
27	3.098	GRD	
28	3.383	GRD	
29	0.473	GRD	
30	7.189	GRD	
31	0.33	GRD	
32	0.391	GRD	
33	4.656	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	7.784	GRD	
35	16.78	GRD	
36	11.69	GRD	
37	6.315	GRD	
38	7.922	GRD	
39	9.784	GRD	
40	15.53	GRD	
41	11.88	GRD	
42	14.13	GRD	
43	0.525	GRD	
44	0.565	GRD	
45	1.341	GRD	
46	0.351	GRD	
47	0.203	GRD	
48	0.502	GRD	
49	0.304	GRD	
50	0.413	GRD	
51	0.677	GRD	
52	5.406	GRD	
53	0.513	GRD	
54	0.344	GRD	
54	0.344	QFP	
55	0.246	QFP	
56	0.352	GRD	
57	0.318	GRD	
58	0.575	GRD	
59	0.229	GRD	
60	0.842	GRD	
61	6.536	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	11.43	GRD	
63	8.875	GRD	
64	23.94	GRD	
65	14.74	GRD	
66	0.614	GRD	
67	10.45	GRD	
68	11.5	GRD	
69	1.03	GRD	
70	0.334	GRD	
71	0.205	GRD	
72	0.342	GRD	
73	0.265	GRD	
74	0.396	GRD	
75	0.42	GRD	
76	0.495	GRD	
77	0.834	GRD	
78	0.574	GRD	
79	0.319	GRD	
80	0.332	GRD	
81	0.17	GRD	
82	0.38	GRD	
83	0.297	GRD	
84	0.344	GRD	
85	0.302	GRD	
87	0.697	GRD	
88	0.405	GRD	
89	0.346	GRD	
90	0.493	GRD	
91	0.361	GRD	
92	0.445	GRD	
93	0.537	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
94	0.699	GRD	
95	0.367	VEN	
96	0.837	VEN	
97	0.461	GRD	
98	0.469	GRD	
99	0.244	GRD	
100	0.309	GRD	
101	1.028	GRD	
102	0.3	GRD	
103	0.535	GRD	
104	2.81	GRD	
105	0.153	GRD	
106	0.265	GRD	
107	0.271	GRD	
108	0.21	GRD	
109	0.312	GRD	
110	0.295	GRD	
111	0.343	GRD	
112	0.282	GRD	
113	2.96	GRD	
114	5.46	GRD	
115	7.99	GRD	
116	15.2	GRD	
117	0.309	GRD	
118	0.876	GRD	
119	0.882	GRD	
120	0.608	GRD	
121	0.813	GRD	
122	4.91	GRD	
123	6.81	GRD	
124	10.4	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	1.32	GRD	
126	3.43	GRD	
127	4.3	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382633	6890182	1377.94	450.19

ZONE: Central Klaza

SECTION:

HOLE: KL-14-222

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Aug 14 - Aug 19, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
11.27	94	-78.3	Reflex
468.47	44	-48.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.5	3.5	CAS
3.5	6.75	3.25	GRD
6.75	9.61	2.86	GRD
9.61	16.02	6.41	GRD
16.02	29.31	13.29	GRD
29.31	33.03	3.72	GRD
33.03	37.66	4.63	GRD
37.66	39.81	2.15	GRD
39.81	42.19	2.38	GRD
42.19	44.17	1.98	GRD
44.17	49.97	5.8	GRD
49.97	53.24	3.27	GRD
53.24	54.49	1.25	GRD
54.49	60.05	5.56	GRD
60.05	69.83	9.78	GRD
69.83	78.77	8.94	GRD

SAMPLES	
Numbers:	Q927976 to Q927993, Q933386 to Q933446, Q933448 to Q933514, Q933534
Total:	166
Batch:	164, 170, 175, 180, 184, 185
Certificates:	WH14125369, WH14125427, WH14125437, WH14126299, WH14128250, WH14129180

COMMENTS

78.77	84.82	6.05	GRD
84.82	120.58	35.76	GRD
120.58	123.33	2.75	GRD
123.33	167.66	44.33	GRD
167.66	172.48	4.82	GRD
172.48	176.47	3.99	GRD
176.47	178.41	1.94	GRD
178.41	187.75	9.34	GRD
187.75	196.97	9.22	GRD
196.97	198.63	1.66	GRD
198.63	206.25	7.62	GRD
206.25	208.15	1.9	GRD
208.15	217.15	9	GRD
217.15	222.65	5.5	GRD
222.65	223.77	1.12	VEN
223.77	228.24	4.47	GRD
228.24	229.43	1.19	GRD
229.43	274.6	45.17	GRD
274.6	278.06	3.46	GRD
278.06	312.37	34.31	GRD
312.37	323.78	11.41	GRD
323.78	325.42	1.64	BXA
325.42	325.59	0.17	VEN
325.59	327.3	1.71	GRD
327.3	344.78	17.48	QFP
344.78	346.56	1.78	QFP
346.56	372.44	25.88	GRD
372.44	380.64	8.2	GRD
380.64	392.99	12.35	GRD
392.99	399.48	6.49	GRD
399.48	409.44	9.96	QFP
409.44	410.57	1.13	GRD

410.57	412.05	1.48	VEN
412.05	415.08	3.03	GRD
415.08	416.31	1.23	BXA
416.31	425.35	9.04	GRD
425.35	435.34	9.99	GRD
435.34	450.19	14.85	GRD

Box Log

KL-14-222

Klaza ntral Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.5	5.18
2	5.18	7.97
3	7.97	11.17
4	11.17	14.09
5	14.09	17.15
6	17.15	20.35
7	20.35	23.4
8	23.4	26.52
9	26.52	29.69
10	29.69	32.68
11	32.68	35.95
12	35.95	39.1
13	39.1	42.05
14	42.05	45.46
15	45.46	48.77
16	48.77	52.07
17	52.07	55.47
18	55.47	58.78
19	58.78	61.98
20	61.98	65.25
21	65.25	68.65
22	68.65	72
23	72	75.29
24	75.29	78.47
25	78.47	81.7
26	81.7	84.84
27	84.84	88.05
28	88.05	91.12
29	91.12	94.5
30	94.5	97.64
31	97.64	100.75
32	100.75	104.04
33	104.04	107.25
34	107.25	110.32
35	110.32	113.62
36	113.62	117.05
37	117.05	120.48
38	120.48	123.67
39	123.67	126.98
40	126.98	130.15
41	130.15	133.35
42	133.35	136.63
43	136.63	140
44	140	143.19
45	143.19	146.6
46	146.6	149.85
47	149.85	153.1
48	153.1	156.2
49	156.2	159.2
50	159.2	162.83
51	162.83	166.16
52	166.16	169.48
53	169.48	172.54
54	172.54	175.41
55	175.41	178.65
56	178.65	181.8
57	181.8	185.12
58	185.12	188.33
59	188.33	191.6
60	191.6	194.85
61	194.85	198.03
62	198.03	201.2
63	201.2	204.57
64	204.57	207.67
65	207.67	210.9
66	210.9	213.95
67	213.95	217.15
68	217.15	220.48
69	220.48	223.72
70	223.72	226.62
71	226.62	229.77
72	229.77	232.69
73	232.69	235.75
74	235.75	238.85
75	238.85	242.19
76	242.19	245.48
77	245.48	248.6
78	248.6	251.63
79	251.63	254.82
80	254.82	258.17
81	258.17	261.48
82	261.48	264.86
83	264.86	268.25
84	268.25	271.49
85	271.49	274.55
86	274.55	277.45
87	277.45	280.62
88	280.62	283.97
89	283.97	286.02
90	286.02	290.33

Box Number	From (m)	To (m)
91	290.33	293.6
92	293.6	296.75
93	296.75	299.93
94	299.93	303.25
95	303.25	306.35
96	306.35	309.6
97	309.6	312.9
98	312.9	316.68
99	316.68	319.42
100	319.42	322.74
101	322.74	325.85
102	325.85	329.15
103	329.15	332.13
104	332.13	334.82
105	334.82	337.91
106	337.91	341.19
107	341.19	344.25
108	344.25	347.43
109	347.43	350.65
110	350.65	353.95
111	353.95	357.19
112	357.19	360.47
113	360.47	363.84
114	363.84	367.1
115	367.1	370.45
116	370.45	373.61
117	373.61	376.75
118	376.75	379.99
119	379.99	383.28
120	383.28	386.5
121	386.5	389.85
122	389.85	393.97
123	393.97	396.55
124	396.55	399.97
125	399.97	403.11
126	403.11	406
127	406	408.97
128	408.97	412.05
129	412.05	415.2
130	415.2	418.35
131	418.35	421.87
132	421.87	425.12
133	425.12	428.4
134	428.4	431.65
135	431.65	434.86
136	434.86	438
137	438	441.4
138	441.4	444.53
139	444.53	447.71
140	447.71	450.19
Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-222									
	206.4	14.2	HQ	GRD	1550.3	1102.1	3.74	3.5	Banded smoky quartz vein with bands of semi-massive pyrite. Hosts disseminated arsenopyrite, disseminated/blebby honey brown sphalerite, blebby galena, banded semi-massive arsenopyrite with interstitial jamesonite. 4cm contact breccia with pebbly granodiorite clasts rimmed by smoky quartz hosting disseminated pyrite, jamesonite, arsenopyrite, sphalerite. Vein hosted in strong phyllic altered granodiorite with strong silicification and disseminated pyrite.
	223.37		HQ	VEN	582.4		4.02		Smoky quartz vein hosting semimassive pyrite, disseminated galena, semimassive blackjack sphalerite, and disseminated honey brown sphalerite. Netted colloform ankerite veinlets.
	323.78	12.6	HQ	BXA	1186	789.1	3.22	3.0	Phyllic and silicified granodiorite and mineralized quartz vein brecciated by smoky quartz and carbonate.
	323.78	12.6	HQ	GRD	1186	789.1	3.22	3.0	Phyllic and silicified granodiorite and mineralized quartz vein brecciated by smoky quartz and carbonate.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	344.87	16.4	HQ	QFP	1613.2	1068.1	3.37	3.0	Quartz feldspar porphyry dyke with pervasive silicification and hydrothermal alteration. Disseminated-blebby pyrite throughout. Cut by pyrite and sphalerite-bearing quartz veinlets.
	410.57	15.1	HQ	VEN	1590.4	1093.6	3.6	3.2	Milky-smoky quartz vein with blebby to semi-massive pyrite, honey brown sphalerite, and arsenopyrite.
	410.57	15.1	HQ	GRD	1590.4	1093.6	3.6	3.2	Milky-smoky quartz vein with blebby to semi-massive pyrite, honey brown sphalerite, and arsenopyrite.
	411.1	11.2	HQ	VEN	1390.1	1004.6	4.25	3.6	Massive intergrown honey brown sphalerite, pyrite, galena, and arsenopyrite with interstitial calcite/quartz.
	411.9	15.2	HQ	VEN	1711.7	1258.7	3.85	3.8	Smoky quartz vein dominated by massive pyrite, banded-blebby honey brown/black jack sphalerite, arsenopyrite, and blebby galena.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.50	6.75	3.25	GRD	MG	Phyllic granodiorite with strong pervasive oxide overprint. Crumbled, earthy, and rubbly recovery.							
						MD	GN	RB	OXI	4I		
									PHC	2I		
6.75	9.61	2.86	GRD	MG	Pervasive phyllic with weak propyitic overprint and semi-pervasive oxidation stemming from fractures. Cut by white massive-comb quartz vein with chlorite selvedges and blebby pyrite and tourmaline.							
						MD	BN	FR	OXI	3I		
						MD	GN		PHC	3I		
									PRO	1I		
9.61	16.02	6.41	GRD	MG	Moderate argillic with narrow phyllic halos and patchy propylitic overprint. Semi-pervasive oxidation, with goethite on some fractures. Cut by oxidized quartz-carbonate veins.							
						MD	BN		POT	2I		
						LT	WH	FR	OXI	4I		
						LT	GN		ARG	3I		
									PHC	1I		
16.02	21.71	5.69	GRD	MG	Dominated by wide phyllic-argillic halos on mineralized veins with patchy propylitic overprint. Fracture-associated oxidation, with some goethite on fractures. Cut by white carbonate veinlets at 2 per meter frequency. Cut by mineralized quartz veins and breccias.							
						MD	BN		PRO	1I		
						LT	GN		OXI	3I		
									PHC	3I		
									ARG	2I		
21.71	24.07	2.36	GRD	MG	Weak-trace propylitic and potassic alteration with weak oxidation on fractures.							
						MD	BN		PRO	2I		
						MD	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		OXI	2I		
24.07	29.31	5.24	GRD	MG	Dominated by wide phyllic-argillic halos on mineralized veins with patchy propylitic overprint. Fracture-associated oxidation, with some goethite on fractures. Cut by white carbonate veinlets at 2 per meter frequency. Cut by mineralized quartz veins and breccias.							
						MD	BN		PRO	1I		
						LT	GN		OXI	3I		
									PHC	3I		
									ARG	2I		
29.31	33.03	3.72	GRD	MG	Granodiorite with weak pervasive propylitic and potassic, with weak oxidation on fractures.							
						MD	GY		OXI	2I		
						MD	BN		PRO	2I		
									POT	1I		
33.03	37.66	4.63	GRD	MG	Pervasive phyllic with propylitic overprint and weak oxidation on fractures. Cut by very low angle white carbonate veinlets and 3 weakly mineralized quartz veinlets.							
						MD	GN		OXI	2I		
						MD	BN		PRO	2I		
						LT	GN		PHC	3I		
37.66	39.81	2.15	GRD	MG	Moderate pervasive phyllic halos with weak propylitic overprint. Veins are smoky quartz-pyrite-carbonate. Trace oxidation on fractures.							
						LT	GN		OXI	1I		
									PHC	3I		
									PRO	1I		
39.81	42.19	2.38	GRD	MG	Pervasive propylitic and potassic altered granodiorite with trace oxidation on fractures.							
						MD	GY		OXI	1I		
						MD	PK		POT	2I		
						MD	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
42.19	44.17	1.98	GRD	MG	Pervasive phyllic and silicified granodiorite with narrow outer argillic envelopes. Potassic overprints argillic. Trace oxidation on fractures. Cut by two carbonate breccias with pyrite and honey brown sphalerite.							
						LT	GN		OXI	1I		
						LT	PK		SIL	1I		
									PHC	3I		
									POT	1I		
									ARG	1I		
44.17	46.62	2.45	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with trace oxidation on fractures.							
						MD	GY		OXI	1I		
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
						MD	BN		POT	1I		
46.62	47.47	0.85	GRD	MG	Phyllic envelope on mineralized vein. Trace oxidation on fractures. Vein is white-grey massive quartz. Cut by carbonate veinlets/stringers with sphalerite and galena. Disseminated-blebby pyrite in quartz.							
						MD	BN		PHC	3I		
						LT	GN		OXI	1I		
47.47	49.97	2.50	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with trace oxidation on fractures.							
						MD	GN		SIL	1I		
						MD	PK		PRO	2I		
						MD	BN		POT	1I		
						MD	GY		OXI	1I		
49.97	53.24	3.27	GRD	MG	Pervasive phyllic vein envelopes with distal argillic. Argillic has weak potassic overprint. Propylitic weakly overprints phyllic and argillic. Veins are white-smoky quartz with pyrite, sphalerite, and galena.							
						MD	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		ARG	2I		
						LT	GN		OXI	1I		
									PRO	1I		
									POT	1I		
53.24	54.49	1.25	GRD	MG	Pervasive weak potassic and trace propylitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	1I		
54.49	60.05	5.56	GRD	MG	Pervasive phyllic with patchy potassic and moderate-strong silica overprint. Silicification partially obliterates primary textures. Cut by low angle white carbonate veinlets and two mineralized smoky quartz-carbonate veins.							
						LT	PK		SIL	4I		
						LT	GN		SIL	3I		
									PHC	2I		
									POT	1I		
60.05	69.83	9.78	GRD	MG	Relatively fresh granodiorite with trace patchy propylitic and potassic alteration. Cut by chlorite stringers at 4 per metre frequency.							
						MD	GY	PA	PRO	1I		
						MD	PK		POT	1I		
69.83	73.06	3.23	GRD	MG	Alternating patches of argillic, phyllic, and propylitic alteration related to veining. Patches are 30-50cm wide, with phyllic immediately adjacent to veins, intermediate argillic, and distal propylitic. Potassic overprints most argillic and propylitic.							
						MD	GN		PRO	1I		
						LT	GN	PA	PHC	2I		
						LT	WH		ARG	2I		
									POT	1I		
73.06	73.97	0.91	GRD	MG	Fresh granodiorite with trace potassic.							
						MD	GY		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
73.97	77.42	3.45	GRD	MG	Alternating patches of argillic, phyllic, and propylitic alteration related to veining. Patches are 30-50cm wide, with phyllic immediately adjacent to veins, intermediate argillic, and distal propylitic. Potassic overprints most argillic and propylitic.							
						MD	GN		PRO	1I		
						LT	GN	PA	PHC	2I		
						LT	WH		ARG	2I		
									POT	1I		
77.42	78.77	1.35	GRD	MG	Argillic envelope with weak potassic and trace phyllic overprint.							
						LT	GN		PHC	1I		
						LT	WH		ARG	2I		
						LT	PK		POT	2I		
78.77	84.82	6.05	GRD	MG	Weakly propylitic granodiorite with patchy potassic and narrow phyllic halos on quartz-carbonate veinlets. Veinlets at 1-2 per metre frequency.							
						MD	GY		PRO	2I		
						LT	GN		POT	1I		
									PHC	2I		
84.82	120.58	35.76	GRD	MG	Fresh granodiorite with trace patchy potassic, silicification, and propylitic. Cut by rare quartz-carbonate or chlorite-pyrite veinlets.							
						MD	GY	PA	SIL	1I		
						MD	GN		POT	1I		
									PRO	1I		
120.58	123.33	2.75	GRD	MG	Overlapping phyllic halos on several suphide-bearing quartz-carbonate veins. Intermittent patches of argillic distal from veins. Cut by barren white carbonate veins/veinlets.							
						LT	GN		SIL	2I	Py	1
									PHC	3I		
									ARG	1I		
123.33	155.55	32.22	GRD	MG	Fresh granodiorite with trace patchy potassic, silicification, and propylitic. Cut by rare aplite dyklets, quartz-carbonate, and chlorite pyrite veinlets.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	SIL	1I		
						MD	GY		PRO	1I		
									POT	1I		
155.55	156.86	1.31	GRD	MG	Proximal phyllic/distal argillic vein envelopes. Three banded smoky quartz-carbonate veins with pyrite and honey brown sphalerite.							
						MD	GN		PHC	3I		
						LT	GN		SIL	1I		
									ARG	2I		
156.86	167.66	10.80	GRD	MG	Fresh granodiorite with trace patchy potassic, silicification, and propylitic. Cut by rare aplite dyklets, quartz-carbonate, and chlorite pyrite veinlets.							
						MD	GY		SIL	1I		
						MD	GN		PRO	1I		
									POT	1I		
167.66	172.48	4.82	GRD	MG	Proximal phyllic/distal argillic envelope on low angle fractures quartz-pyrite veins with minor clay seams. Patch propylitic and potassic overprint on phyllic and argillic alterations.							
						MD	GN	FR	SIL	2I	Py	0.1
						LT	GN	PA	PHC	3I		
									POT	1I		
									ARG	1I		
									PRO	1I		
172.48	176.47	3.99	GRD	MG	Pervasive propylitic with patchy potassic and argillic. Fractured, with sericite on fractures. Cut by carbonate veinlets.							
						MD	GY	FR	PRO	2I		
						MD	PK		ARG	1I		
						LT	WH		POT	1I		
176.47	178.41	1.94	GRD	MG	Granodiorite cut by several well mineralized veins/breccias with proximal propylitic/distal argillic halos. Trace propylitic overprints phyllic, and weak potassic overprints argillic. Veins host pyrite, sphalerite, and galena.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	1I	Sp	0.1
						LT	GN		PHC	3I	Py	0.1
						LT	WH		POT	1I	Gn	0.1
						LT	PK		ARG	1I		
178.41	187.75	9.34	GRD	MG	Wide patches of argillic granodiorite with trace phyllic overprint and pervasive weak-moderate potassic overprint. Cut by wide massive white calcite veins.							
						LT	WH		ARG	3I		
						LT	PK		PHC	1I		
									POT	2I		
187.75	196.97	9.22	GRD	MG	Fresh granodiorite with trace patchy propylitic and potassic.							
						MD	GY		PRO	1I		
						MD	PK		POT	1I		
196.97	198.63	1.66	GRD	MG	Moderate-strong phyllic halo on 6 mineralized quartz-carbonate veins/breccias. Quartz veins sometimes brecciated by white carbonate with galena and sphalerite.							
						LT	GN		SIL	1I	Py	0.1
									PHC	3I	Sp	0.1
											Gn	0.1
198.63	206.25	7.62	GRD	MG	Fresh granodiorite with patches of argillic, trace propylitic, and trace potassic.							
						MD	GY		PRO	1I		
									ARG	1I		
									POT	1I		
206.25	207.07	0.82	GRD	MG	Phyllic granodiorite cut by major vein and two minor veins. Major vein is massive pyrite with bands of sphalerite and arsenopyrite, with 4cm smoky quartz breccia.							
						LT	GN		PHC	3I	Py	1
											As	0.1
207.07	208.15	1.08	GRD	MG	Polyphase breccia: 1.) Granodiorite is silicified. 2.) Granodiorite cut by smoky quartz veins with pyrite. 3.) Brecciated by white-tan ankerite-calcite. Clay seams along continuous/discontinuous veins.							
						LT	GN	BX	PHC	3I	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		CLY	2I		
208.15	211.98	3.83	GRD	MG	Propylitic altered granodiorite. Cut by carbonate veinlets/stringers at 3 per metre frequency.							
						MD	GY		PRO	3I		
						MD	GN					
211.98	217.15	5.17	GRD	MG	Argillic altered granodiorite with weak potassic overprint. Phyllic envelope on smoky quartz-carbonate veins.							
						LT	WH		ARG	3I		
						LT	PK		POT	2I		
217.15	222.65	5.50	GRD	MG	Moderately propylitic altered granodiorite with patchy trace potassic alteration.							
						MD	GY		SIL	2I		
						MD	GN		PRO	3I		
									POT	1I		
222.65	223.19	0.54	GRD	MG	Phyllic altered granodiorite with disseminated pyrite.							
						LT	GN		SIL	1I	Py	0.1
									PHC	3I		
223.19	223.51	0.32	VEN	CG	Massive sulphide vein with some white ankerite veinlets crosscutting. Bands of 1-3cm honey brown sphalerite, 1cm bands of pyrite, and 1-2cm band of galena.							
						MD	GY	MA	SIL	2I	Py	6
						MD	BR	BX			Sp	17
											Gn	5
223.51	223.77	0.26	GRD	MG	Phyllic altered granodiorite with disseminated pyrite.							
						LT	GN		SIL	1I	Py	0.1
									PHC	3I		
223.77	228.24	4.47	GRD	MG	Fresh granodiorite with trace propylitic.							
						MD	GY		PRO	1I		
228.24	229.43	1.19	GRD	MG	Distal argillic, proximal narrow phylic envelope on banded clear quartz-white carbonate-pyrite vein. Potassic overprints argillic.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	3I		
						LT	PK		POT	2I		
						LT	GN		PHC	1I		
229.43	253.41	23.98	GRD	MG	Fresh granodiorite with trace propylitic.							
						MD	GY		PRO	1I		
253.41	256.95	3.54	GRD	MG	Moderate propylitic dominated granodiorite with narrow phyllic envelopes on quartz-carbonate +/- pyrite. Propylitic overprints phyllic. Patchy potassic overprint.							
						MD	GN	PA	SIL	1I		
						MD	PK		PHC	1I		
						LT	GN		PRO	3I		
									POT	1I		
256.95	274.60	17.65	GRD	MG	Fresh granodiorite with trace propylitic.							
						MD	GY		PRO	1I		
						MD	GN					
274.60	274.80	0.20	GRD	MG	Phyllic granodiorite cut by pyrite-quartz stringers.							
						LT	GN		PHC	3I	Py	0.1
274.80	275.05	0.25	GRD	FG	Completely gouged granodiorite with disseminated pyrite.							
						MD	GY		CLY	4I	Py	2
275.05	275.43	0.38	GRD	MG	Cracked phyllic granodiorite with clay along cracks. Cut by quartz-pyrite stringers.							
						LT	GN		CLY	2I	Py	3
									PHC	3I		
275.43	276.40	0.97	VEN	CG	White-smoky quartz massive vein with semi-massive pyrite, blebby honey brown sphalerite, and blebby galena.							
						MD	GY	FR	SIL	4I	Py	25
								RB	CLY	2I	Sp	2
											Gn	1
276.40	277.15	0.75	GRD	MG	Phyllic granodiorite with disseminated pyrite. Randomly oriented clay seams. Fracture intensified around 277m.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	FR	PHC	3I	Py	1
									CLY	2I		
277.15	278.06	0.91	GRD	MG	Phyllic halo overprints pathcy argillic halo.							
						LT	GN		PHC	3I		
									ARG	1I		
278.06	279.21	1.15	GRD	MG	Weakly propylitic granodiorite with trace potassic overprint.							
						MD	PK					
						MD	GN		POT	1I		
						MD	GY		PRO	2I		
279.21	280.82	1.61	GRD	MG	Phyllic-argillic vein envelopes with trace chlorite overprint giving pale green-blue tint to argillic. Cut by quartz-pyrite veinlets.							
						LT	GN		CHL	1I		
						LT	WH		ARG	2I		
						LT	BL		PHC	2I		
280.82	283.31	2.49	GRD	MG	Weakly propylitic granodiorite with trace potassic overprint.							
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
						MD	GN					
283.31	284.68	1.37	GRD	MG	Phyllic-argillic vein envelopes with trace chlorite overprint giving pale green-blue tint to argillic. Cut by quartz-pyrite veinlets.							
						LT	GN		CHL	1I		
						LT	WH		ARG	2I		
						LT	BL		PHC	2I		
284.68	289.36	4.68	GRD	MG	Fresh granodiorite with trace patchy propylitic and potassic.							
						MD	GY		PRO	1I		
						MD	GN		POT	1I		
						MD	PK					
289.36	312.37	23.01	GRD	MG	Phyllic-argillic halo on crustiform rhodochrosite branching vein.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	2I		
						LT	WH		ARG	2I		
312.37	323.78	11.41	GRD	MG	Alternating patches of propylitic, argillic, and phyllic with variable potassic overprints. Potassic overprints propylitic and potassic. Phyllic is proximal to veins, with distal argillic. Cut by quartz-carbonate +/- chlorite +/- disseminated pyrite stringers/veinlets.							
						MD	GN	PA	PRO	2I		
						LT	GN		POT	2I		
						LT	WH		ARG	2I		
						LT	PK		PHC	2I		
323.78	325.42	1.64	BXA	MG	Start of hanging wall zone. Breccia with smoky quartz matrix and large pebbly granodiorite clasts. Generally, clast-supported with local matrix-supported sections. Matrix hosts disseminated-blebby pyrite. Sub-rounded clasts are phyllic-argillic altered granodiorite with disseminated pyrite. Breccia is cut by discontinuous white carbonate stringers/veinlets.							
						MD	GY		PHC	3I		
						LT	GN	BX	SIL	3I	Py	3
						LT	WH		ARG	1I		
325.42	325.59	0.17	VEN	CG	Massive milky quartz vein with semi-massive pyrite. Cut by white vuggy carbonate veinlet, smoky quartz breccia (1cm wide) and pyrite bands. Weakly gouged near bottom selvedge.							
						MD	BR		SIL	3I	Py	15
						MD	GY					
325.59	327.30	1.71	GRD	MG	Pervasive moderate phyllic with silica overprint. Disseminated-blebby pyrite throughout. Cut by pyrite stringers and quartz veinlets with disseminated-blebby pyrite. Undulatory, weakly gouged 70 TCA sharp contact with quartz feldspar porphyry dyke.							
						MD	GY		PHC	3I		
						LT	GN		SIL	3I	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
327.30	330.10	2.80	QFP	FG	Light tan quartz feldspar porphyry dyke with fine, anhedral, hydrothermally altered phenocrysts. Some clear quartz eyes. Cut by high density carbonate stringers/veinlets.							
						LT	TN	PO	SIL	2I		
									HYD	3I		
330.10	330.41	0.31	GRD	MG	Phyllic granodiorite interfingering with qfp. Disseminated-blebby pyrite throughout. Weakly sheared, with clay seams.							
						LT	GN	SH	PHC	3I	Py	5
						LT	GY		CLY	1I		
330.41	331.26	0.85	QFP	FG	Light tan quartz feldspar porphyry dyke with fine, anhedral, hydrothermally altered phenocrysts. Some clear quartz eyes. Cut by high density carbonate stringers/veinlets.							
						LT	TN	PO	SIL	2I		
									HYD	4I		
331.26	344.78	13.52	QFP	FG	Medium-light tan-green quartz feldspar porphyry dyke with short gouge intervals and netted clay seams. Small anhedral phenocrysts, with locally distributed epidote phenocrysts.							
						MD	TN	PO	SIL	2I		
						MD	GN		CLY	2I		
						LT	TN	NE	HYD	4I		
						LT	GN					
344.78	346.56	1.78	QFP	FG	Light green-medium grey quartz feldspar porphyry dyke with few, very fine phenocrysts. Disseminated-blebby pyrite throughout, focused at 345m. Cut by pyrite-carbonate stringers/veinlets, some of which have honey brown sphalerite. Gouged top contact, 50 TCA bottom contact.							
						MD	GY		HYD	4I		
						LT	GN	PO	SIL	2I	Py	3
346.56	372.44	25.88	GRD	MG	Pervasive propylitic altered granodiorite with trace patchy potassic and narrow phyllic vein halos. Cut by chlorite-pyrite stringers at 4-5 per meter frequency.							
						MD	GY		SIL	1I		
						LT	GN		PRO	2I		
						LT	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	1I		
372.44	380.64	8.20	GRD	MG	Alternating patches of proximal phyllic and distal argillic vein halos on smoky quartz-pyrite veinlets.							
						LT	GN	PA	SIL	1I		
						LT	WH		PHC	3I		
						LT	PK		ARG	2I		
380.64	386.91	6.27	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with narrow phyllic envelopes on veins.							
						MD	GY		SIL	1I		
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
									PHC	1I		
386.91	388.33	1.42	GRD	MG	Proximal phyllic and distal argillic vein halos with crosscutting quartz-carbonate veins. Veins and granodiorite host disseminated pyrite.							
						MD	GY		ARG	2I		
						LT	GN		PHC	3I	Py	1
388.33	392.99	4.66	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with narrow phyllic envelopes on veins.							
						MD	GN		SIL	1I		
						MD	GY		PRO	2I		
						MD	PK		POT	1I		
									PHC	1I		
392.99	399.48	6.49	GRD	MG	Pervasive phyllic vein halos with intermitten argillic. Narrow contact breccia adjacent to quartz feldspar porphyry dyke contact. Cut by several quartz-carbonate veins with pyrite, sphalerite, and galena. Stronger patch of propylitic near quartz feldspar porphyry dyke contact.							
						MD	GY		PHC	3I		
						LT	GN		ARG	2I		
									PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
399.48	409.44	9.96	QFP	FG	Top contact at 65 TCA. Fine-medium grained anhedral phenocrysts. Phenocrysts are flow-aligned near contact. Dyke is cut by thin clay seams/stringers.							
						MD	TN	PO	SIL	1I		
						LT	GN		HYD	3I		
409.44	410.57	1.13	GRD	MG	Phyllic altered granodiorite between quartz feldspar porphyry dyke and main klaza vein. Weak pervasive potassic overprint and disseminated pyrite.							
						LT	PK		POT	1I		
						LT	GN		PHC	3I	Py	1
410.57	412.05	1.48	VEN	CG	Footwall vein zone. Dominated by black smoky quartz with minor milky quartz. Cut by netted white ankerite veinlets. Hosts blebby-semi massive pyrite and honey brown sphalerite throughout. Blebby galena and arsenopyrite in lesser amounts. Arsenopyrite blebs are usually distributed in linear trends. One vein segment has a density of 3.7g/mL.							
						DK	GY	MA	SIL	3I	Py	5
								NE	PHC	1I	As	3
											Sp	20
											Gn	5
412.05	415.08	3.03	GRD	MG	Phyllic vein halos dominate, with intermittent propylitic with potassic overprint. Disseminated pyrite in localized patches. Cut by grey quartz veins with thinly banded pyrite.							
						MD	GY		POT	1I		
						MD	GN		PRO	2I		
						LT	GN	PA	PHC	3I	Py	1
415.08	416.31	1.23	BXA	FG	Short medium grey quartz feldspar porphyry dyke brecciating phyllic granodiorite. Disseminated pyrite in quartz feldspar porphyry dyke and granodiorite. Few clay seams, gouged at top contact. Granodiorite clasts are pebbly-cobbly, with pyrite focused along their borders. Cut by quartz-pyrite veins.							
						MD	GY	BX	PHC	2I	Py	3
								PO	HYD	3I		
									CLY	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
416.31	421.18	4.87	GRD	MG	Phyllic-argillic vein halos dominate, with intermittent propylitic with potassic overprint. Disseminated pyrite in localized patches. Cut by grey quartz veins with thinly banded pyrite.							
						MD	GY		PRO	1I		
						MD	PK		PHC	2I		
						LT	GN	PA	SIL	1I	Py	0.1
									POT	1I		
									ARG	2I		
421.18	422.93	1.75	GRD	MG	Weak propylitic altered patch of granodiorite with trace potassic overprint.							
						MD	GN		PRO	2I	Py	1
						MD	PK		POT	1I		
422.93	425.35	2.42	GRD	MG	Phyllic-argillic vein halos dominate, with intermittent propylitic with potassic overprint. Disseminated pyrite in localized patches. Cut by grey quartz veins with thinly banded pyrite.							
						MD	PK		PHC	2I		
						MD	GY		PRO	1I		
						LT	GN	PA	SIL	1I	Py	0.1
									ARG	2I		
									POT	1I		
425.35	435.34	9.99	GRD	MG	Pervasive weak propylitic and trace potassic cut by pyrite stringers at 3 per metre frequency.							
						MD	GN		POT	1I		
						MD	PK					
						MD	GY		PRO	2I	Py	1
435.34	450.19	14.85	GRD	MG	Pervasive/patchy propylitic altered granodiorite with narrow proximal phyllic and distal argillic halos on veins. Patchy potassic overprint on propylitic and argillic. Cut by barren cream carbonate veinlets at 2-3 per metre frequency. EOH							
						MD	GN	PA	PRO	3I		
						MD	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	2I		
						LT	GN		PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.50	6.75	3.25	GRD	MG	Phyllic granodiorite with strong pervasive oxide overprint. Crumbled, earthy, and rubbly recovery.							
						MD	GN	RB	OXI	4I		
									PHC	2I		
6.75	9.61	2.86	GRD	MG	Pervasive phyllic with weak propyitic overprint and semi-pervasive oxidation stemming from fractures. Cut by white massive-comb quartz vein with chlorite selvedges and blebby pyrite and tourmaline.							
						MD	BN	FR	OXI	3I		
						MD	GN		PHC	3I		
									PRO	1I		
9.61	16.02	6.41	GRD	MG	Moderate argillic with narrow phyllic halos and patchy propylitic overprint. Semi-pervasive oxidation, with goethite on some fractures. Cut by oxidized quartz-carbonate veins.							
									PHC	1I		
						MD	BN		POT	2I		
						LT	GN		ARG	3I		
						LT	WH	FR	OXI	4I		
16.02	29.31	13.29	GRD	MG	Dominated by wide phyllic-argillic halos on mineralized veins with patchy propylitic overprint. Fracture-associated oxidation, with some goethite on fractures. Cut by white carbonate veinlets at 2 per meter frequency. Cut by mineralized quartz veins and breccias.							
						MD	BN		PRO	1I		
									PHC	3I		
						LT	GN		OXI	3I		
									ARG	2I		
29.31	33.03	3.72	GRD	MG	Granodiorite with weak pervasive propylitic and potassic, with weak oxidation on fractures.							
									POT	1I		
						MD	BN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		OXI	2I		
33.03	37.66	4.63	GRD	MG	Pervasive phyllic with propylitic overprint and weak oxidation on fractures. Cut by very low angle white carbonate veinlets and 3 weakly mineralized quartz veinlets.							
						MD	GN		OXI	2I		
						LT	GN		PHC	3I		
						MD	BN		PRO	2I		
37.66	39.81	2.15	GRD	MG	Moderate pervasive phyllic halos with weak propylitic overprint. Veins are smoky quartz-pyrite-carbonate. Trace oxidation on fractures.							
									PHC	3I		
						LT	GN		OXI	1I		
									PRO	1I		
39.81	42.19	2.38	GRD	MG	Pervasive propylitic and potassic altered granodiorite with trace oxidation on fractures.							
						MD	GY		OXI	1I		
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
42.19	44.17	1.98	GRD	MG	Pervasive phyllic and silicified granodiorite with narrow outer argillic envelopes. Potassic overprints argillic. Trace oxidation on fractures. Cut by two carbonate breccias with pyrite and honey brown sphalerite.							
						LT	GN		OXI	1I		
						LT	PK		SIL	1I		
									PHC	3I		
									POT	1I		
									ARG	1I		
44.17	49.97	5.80	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with trace oxidation on fractures. Cut by quartz-carbonate +/- sulphide veins with wide phyllic halos.							
						MD	BN		POT	1I		
						MD	GY		OXI	1I		
						MD	GN		SIL	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
49.97	53.24	3.27	GRD	MG	Pervasive phyllic vein envelopes with distal argillic. Argillic has weak potassic overprint. Propylitic weakly overprints phyllic and argillic. Veins are white-smoky quartz with pyrite, sphalerite, and galena.							
						MD	PK		ARG	2I		
									POT	1I		
									PRO	1I		
						LT	GN		OXI	1I		
						MD	GN		PHC	3I		
53.24	54.49	1.25	GRD	MG	Pervasive weak potassic and trace propylitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	1I		
54.49	60.05	5.56	GRD	MG	Pervasive phyllic with patchy potassic and moderate-strong silica overprint. Silicification partially obliterates primary textures. Cut by low angle white carbonate veinlets and two mineralized smoky quartz-carbonate veins.							
									PHC	2I		
									POT	1I		
						LT	PK		SIL	4I		
						LT	GN		SIL	3I		
60.05	69.83	9.78	GRD	MG	Relatively fresh granodiorite with trace patchy propylitic and potassic alteration. Cut by chlorite stringers at 4 per metre frequency.							
						MD	PK		POT	1I		
						MD	GY	PA	PRO	1I		
69.83	78.77	8.94	GRD	MG	Alternating patches of argillic, phyllic, and propylitic alteration related to veining. Patches are 30-50cm wide, with phyllic immediately adjacent to veins, intermediate argillic, and distal propylitic. Potassic overprints most argillic and propylitic.							
						LT	GN	PA	PHC	2I		
						LT	WH		ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	1I		
									POT	1I		
78.77	84.82	6.05	GRD	MG	Weakly propylitic granodiorite with patchy potassic and narrow phyllic halos on quartz-carbonate veinlets. Veinlets at 1-2 per metre frequency.							
						MD	GY		PRO	2I		
						LT	GN		POT	1I		
									PHC	2I		
84.82	120.58	35.76	GRD	MG	Fresh granodiorite with trace patchy potassic, silicification, and propylitic. Cut by rare quartz-carbonate or chlorite-pyrite veinlets.							
						MD	GY	PA	SIL	1I		
						MD	GN		POT	1I		
									PRO	1I		
120.58	123.33	2.75	GRD	MG	Overlapping phyllic halos on several suphide-bearing quartz-carbonate veins. Intermittent patches of argillic distal from veins. Cut by barren white carbonate veins/veinlets.							
									PHC	3I		
									ARG	1I		
						LT	GN		SIL	2I	Py	1
123.33	167.66	44.33	GRD	MG	Fresh granodiorite with trace patchy potassic, silicification, and propylitic. Cut by rare aplite dyklets, quartz-carbonate, and chlorite pyrite veinlets.							
						MD	GY		PRO	1I		
									POT	1I		
						MD	GN	PA	SIL	1I		
167.66	172.48	4.82	GRD	MG	Proximal phyllic/distal argillic envelope on low angle fractures quartz-pyrite veins with minor clay seams. Patch propylitic and potassic overprint on phyllic and argillic alterations.							
						LT	GN	PA	PHC	3I		
						MD	GN	FR	SIL	2I	Py	0.1
									POT	1I		
									ARG	1I		
									PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
172.48	176.47	3.99	GRD	MG	Pervasive propylitic with patchy potassic and argillic. Fractured, with sericite on fractures. Cut by carbonate veinlets.							
						LT	WH		POT	1I		
						MD	GY	FR	PRO	2I		
						MD	PK		ARG	1I		
176.47	178.41	1.94	GRD	MG	Granodiorite cut by several well mineralized veins/breccias with proximal propylitic/distal argillic halos. Trace propylitic overprints phyllic, and weak potassic overprints argillic. Veins host pyrite, sphalerite, and galena.							
						LT	WH		POT	1I	Gn	0.1
						LT	PK		ARG	1I		
						MD	GN		PRO	1I	Sp	0.1
						LT	GN		PHC	3I	Py	0.1
178.41	187.75	9.34	GRD	MG	Wide patches of argillic granodiorite with trace phyllic overprint and pervasive weak-moderate potassic overprint. Cut by wide massive white calcite veins.							
									POT	2I		
						LT	PK		PHC	1I		
						LT	WH		ARG	3I		
187.75	196.97	9.22	GRD	MG	Fresh granodiorite with trace patchy propylitic and potassic.							
						MD	GY		PRO	1I		
						MD	PK		POT	1I		
196.97	198.63	1.66	GRD	MG	Moderate-strong phyllic halo on 6 mineralized quartz-carbonate veins/breccias. Quartz veins sometimes brecciated by white carbonate with galena and sphalerite.							
											Gn	0.1
						LT	GN		SIL	1I	Py	0.1
									PHC	3I	Sp	0.1
198.63	206.25	7.62	GRD	MG	Fresh granodiorite with patches of argillic, trace propylitic, and trace potassic.							
									ARG	1I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	1I		
206.25	208.15	1.90	GRD	MG	Phyllic granodiorite cut by major vein and mineralized breccia with clay seams.							
						LT	GN	BX	PHC	3I	Py	1
						LT	GY		CLY	1I		
208.15	217.15	9.00	GRD	MG	Propylitic and argillic distal halo of vein envelopes.4							
						LT	PK		ARG	3I		
						LT	WH		POT	2I		
217.15	222.65	5.50	GRD	MG	Moderately propylitic altered granodiorite with patchy trace potassic alteration.							
						MD	GY		SIL	2I		
						MD	GN		PRO	3I		
									POT	1I		
222.65	223.77	1.12	VEN	MG	0.31m major sulphide vein with phyllic granodiorite halo.							
									PHC	3I	Sp	0.1
						LT	GN		SIL	2I	Py	0.1
223.77	228.24	4.47	GRD	MG	Fresh granodiorite with trace propylitic.							
						MD	GY		PRO	1I		
228.24	229.43	1.19	GRD	MG	Distal argillic, proximal narrow phylic envelope on banded clear quartz-white carbonate-pyrite vein. Potassic overprints argillic.							
						LT	PK		POT	2I		
						LT	GN		PHC	1I		
						LT	WH		ARG	3I		
229.43	274.60	45.17	GRD	MG	Fresh granodiorite with trace propylitic.							
						MD	GY		PRO	1I		
274.60	278.06	3.46	GRD	MG	Phyllic granodiorite cut by gouge zones, pyrite stringers, carbonate veinlets, and mineralized clear-smoky quartz veins. Main quartz vein is rubbly/fractures, bounded by gouge.							
									CLY	2I		
						LT	GY		PHC	4I		
						LT	GN	FR	SIL	1I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
278.06	312.37	34.31	GRD	MG	Weakly propylitic altered granodiorite with trace potassic overprint. Patchy phyllic-argillic envelopes on quartz-carbonate-pyrite +/- sphalerite veins.							
						MD	PK					
						MD	GN		POT	1I		
						MD	GY	PA	PRO	2I		
312.37	323.78	11.41	GRD	MG	Alternating patches of propylitic, argillic, and phyllic with variable potassic overprints. Potassic overprints propylitic and potassic. Phyllic is proximal to veins, with distal argillic. Cut by quartz-carbonate +/- chlorite +/- disseminated pyrite stringers/veinlets.							
						MD	GN	PA	PRO	2I		
						LT	GN		POT	2I		
						LT	WH		ARG	2I		
						LT	PK		PHC	2I		
323.78	325.42	1.64	BXA	MG	Start of hanging wall zone. Breccia with smoky quartz matrix and large pebbly granodiorite clasts. Generally, clast-supported with local matrix-supported sections. Matrix hosts disseminated-blebby pyrite. Sub-rounded clasts are phyllic-argillic altered granodiorite with disseminated pyrite. Breccia is cut by discontinuous white carbonate stringers/veinlets.							
						MD	GY		PHC	3I		
						LT	WH		ARG	1I		
						LT	GN	BX	SIL	3I	Py	3
325.42	325.59	0.17	VEN	CG	Massive milky quartz vein with semi-massive pyrite. Cut by white vuggy carbonate veinlet, smoky quartz breccia (1cm wide) and pyrite bands. Weakly gouged near bottom selvedge.							
						MD	BR		SIL	3I	Py	15
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
325.59	327.30	1.71	GRD	MG	Pervasive moderate phyllic with silica overprint. Disseminated-blebby pyrite throughout. Cut by pyrite stringers and quartz veinlets with disseminated-blebby pyrite. Undulatory, weakly gouged 70 TCA sharp contact with quartz feldspar porphyry dyke.							
						MD	GY		PHC	3I		
						LT	GN		SIL	3I	Py	3
327.30	344.78	17.48	QFP	FG	Light tan quartz feldspar porphyry dyke with fine, anhedral, hydrothermally altered phenocrysts. Some clear quartz eyes. Cut by high density carbonate stringers/veinlets. Interfingered with granodiorite.							
						LT	TN	PO	SIL	2I		
									HYD	3I		
344.78	346.56	1.78	QFP	FG	Light green-medium grey quartz feldspar porphyry dyke with few, very fine phenocrysts. Disseminated-blebby pyrite throughout, focused at 345m. Cut by pyrite-carbonate stringers/veinlets, some of which have honey brown sphalerite. Gouged top contact, 50 TCA bottom contact.							
						MD	GY		HYD	4I		
						LT	GN	PO	SIL	2I	Py	3
346.56	372.44	25.88	GRD	MG	Pervasive propylitic altered granodiorite with trace patchy potassic and narrow phyllic vein halos. Cut by chlorite-pyrite stringers at 4-5 per meter frequency.							
						MD	GY		SIL	1I		
						LT	PK		POT	1I		
									PHC	1I		
						LT	GN		PRO	2I		
372.44	380.64	8.20	GRD	MG	Alternating patches of proximal phyllic and distal argillic vein halos on smoky quartz-pyrite veinlets.							
						LT	WH		PHC	3I		
						LT	GN	PA	SIL	1I		
						LT	PK		ARG	2I		
380.64	392.99	12.35	GRD	MG	Pervasive propylitic, potassic, and silicified granodiorite with narrow phyllic envelopes on veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	1I		
						MD	GY		SIL	1I		
						MD	PK		POT	1I		
						MD	GN		PRO	2I		
392.99	399.48	6.49	GRD	MG	Pervasive phyllic vein halos with intermitten argillic. Narrow contact breccia adjacent to quartz feldspar porphyry dyke contact. Cut by several quartz-carbonate veins with pyrite, sphalerite, and galena. Stronger patch of propylitic near quartz feldspar porphyry dyke contact.							
									PRO	1I		
						MD	GY		PHC	3I		
						LT	GN		ARG	2I		
399.48	409.44	9.96	QFP	FG	Top contact at 65 TCA. Fine-medium grained anhedral phenocrysts. Phenocrysts are flow-aligned near contact. Dyke is cut by thin clay seams/stringers.							
						LT	GN		HYD	3I		
						MD	TN	PO	SIL	1I		
409.44	410.57	1.13	GRD	MG	Phyllic altered granodiorite between quartz feldspar porphyry dyke and main klaza vein. Weak pervasive potassic overprint and disseminated pyrite.							
						LT	GN		PHC	3I	Py	1
						LT	PK		POT	1I		
410.57	412.05	1.48	VEN	CG	Footwall vein zone. Dominated by black smoky quartz with minor milky quartz. Cut by netted white ankerite veinlets. Hosts blebby-semi massive pyrite and honey brown sphalerite throughout. Blebby galena and arsenopyrite in lesser amounts. Arsenopyrite blebs are usually distributed in linear trends. One vein segment has a density of 3.7g/mL.							
								NE	PHC	1I	As	3
											Sp	20
											Gn	5
						DK	GY	MA	SIL	3I	Py	5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
412.05	415.08	3.03	GRD	MG	Phyllic vein halos dominate, with intermittent propylitic with potassic overprint. Disseminated pyrite in localized patches. Cut by grey quartz veins with thinly banded pyrite.							
						LT	GN	PA	PHC	3I	Py	1
						MD	GY		POT	1I		
						MD	GN		PRO	2I		
415.08	416.31	1.23	BXA	FG	Short medium grey quartz feldspar porphyry dyke brecciating phyllic granodiorite. Disseminated pyrite in quartz feldspar porphyry dyke and granodiorite. Few clay seams, gouged at top contact. Granodiorite clasts are pebbly-cobbly, with pyrite focused along their borders. Cut by quartz-pyrite veins.							
									CLY	1I		
						MD	GY	BX	PHC	2I	Py	3
								PO	HYD	3I		
416.31	425.35	9.04	GRD	MG	Phyllic-argillic vein halos dominate, with intermittent propylitic with potassic overprint. Disseminated pyrite in localized patches. Cut by grey quartz veins with thinly banded pyrite.							
						MD	PK		PHC	2I		
						MD	GY		PRO	1I		
									ARG	2I		
									POT	1I		
						LT	GN	PA	SIL	1I	Py	0.1
425.35	435.34	9.99	GRD	MG	Pervasive weak propylitic and trace potassic cut by pyrite stringers at 3 per metre frequency.							
						MD	GY		PRO	2I	Py	1
						MD	GN		POT	1I		
						MD	PK					
435.34	450.19	14.85	GRD	MG	Pervasive/patchy propylitic altered granodiorite with narrow proximal phyllic and distal argillic halos on veins. Patchy potassic overprint on propylitic and argillic. Cut by barren cream carbonate veinlets at 2-3 per metre frequency. EOH							
						LT	GN		PHC	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	PRO	3I		
						MD	PK		POT	1I		
						LT	WH		ARG	2I		

KL-14-222

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.50	3.50	0	0	0.00	0	--	--	--	
3.50	5.18	1.68	1.34	80	0.00	0	--	1H	4W	
5.18	8.23	3.05	2.28	75	0.50	16	--	3H	3W	
8.23	11.28	3.05	2.9	95	1.55	51	--	3H	3W	
11.28	14.33	3.05	2.72	89	0.53	17	--	3H	4W	
14.33	17.37	3.04	2.89	95	1.77	58	--	3H	3W	
17.37	20.42	3.05	2.91	95	2.59	85	--	3H	3W	
20.42	23.47	3.05	2.94	96	2.08	68	--	3H	3W	
23.47	26.52	3.05	2.83	93	1.22	40	--	3H	3W	
26.52	29.57	3.05	2.78	91	1.54	50	--	3H	2W	
29.57	32.61	3.04	2.96	97	1.68	55	--	4H	2W	
32.61	35.66	3.05	3.03	99	1.77	58	--	3H	2W	
35.66	38.71	3.05	3.04	100	1.50	49	--	3H	2W	
38.71	41.76	3.05	2.97	97	2.55	84	--	4H	2W	
41.76	44.81	3.05	2.82	92	2.10	69	--	3H	2W	
44.81	47.85	3.04	2.96	97	1.57	52	--	4H	2W	
47.85	50.90	3.05	3.02	99	2.70	89	--	4H	2W	
50.90	53.95	3.05	2.94	96	2.55	84	--	3H	2W	
53.95	57.00	3.05	3.05	100	2.99	98	--	3H	2W	
57.00	60.05	3.05	2.96	97	2.03	67	--	3H	2W	
60.05	63.09	3.04	2.96	97	2.03	67	--	3H	2W	
63.09	66.14	3.05	3.03	99	2.69	88	--	4H	2W	
66.14	69.19	3.05	3.05	100	2.42	79	--	4H	2W	
69.19	72.24	3.05	3.03	99	2.52	83	--	3H	2W	
72.24	75.29	3.05	2.96	97	2.57	84	--	3H	2W	
75.29	78.33	3.04	3.04	100	2.80	92	--	3H	2W	
78.33	81.38	3.05	2.9	95	2.18	71	--	3H	2W	
81.38	84.43	3.05	3.05	100	2.73	90	--	4H	1W	
84.43	87.48	3.05	3.05	100	2.40	79	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.94	96	2.15	70	--	4H	2W	
90.53	93.57	3.04	3.04	100	2.34	77	--	4H	1W	
93.57	96.62	3.05	3.04	100	2.26	74	--	4H	2W	
96.62	99.67	3.05	3.05	100	2.37	78	--	3H	2W	
99.67	102.72	3.05	2.94	96	2.38	78	--	4H	1W	
102.72	105.77	3.05	3.04	100	2.05	67	--	4H	2W	
105.77	108.81	3.04	3	99	1.96	64	--	4H	2W	
108.81	111.86	3.05	2.97	97	2.49	82	--	4H	2W	
111.86	114.91	3.05	3.04	100	2.81	92	--	4H	2W	
114.91	117.96	3.05	2.99	98	2.98	98	--	4H	2W	
117.96	121.01	3.05	2.95	97	2.66	87	--	4H	2W	
121.01	124.05	3.04	3.01	99	2.54	84	--	3H	1W	
124.05	127.10	3.05	3.05	100	2.72	89	--	4H	1W	
127.10	130.15	3.05	2.94	96	1.95	64	--	4H	1W	
130.15	133.20	3.05	2.96	97	2.59	85	--	4H	1W	
133.20	136.25	3.05	3.05	100	2.86	94	--	4H	1W	
136.25	139.29	3.04	2.98	98	2.81	92	--	4H	1W	
139.29	142.34	3.05	3.05	100	2.86	94	--	4H	1W	
142.34	145.39	3.05	2.97	97	2.24	73	--	4H	1W	
145.39	148.44	3.05	2.91	95	2.06	68	--	4H	1W	
148.44	151.49	3.05	3.05	100	2.66	87	--	4H	1W	
151.49	154.53	3.04	3.04	100	2.52	83	--	4H	1W	
154.53	157.58	3.05	2.96	97	2.04	67	--	3H	1W	
157.58	160.63	3.05	3.04	100	1.93	63	--	4H	1W	
160.63	163.68	3.05	3.05	100	2.94	96	--	3H	1W	
163.68	166.73	3.05	2.79	91	2.40	79	--	4H	1W	
166.73	169.77	3.04	2.92	96	2.19	72	--	3H	1W	
169.77	172.82	3.05	3.05	100	0.94	31	--	2H	1W	
172.82	175.87	3.05	2.97	97	1.19	39	--	2H	1W	
175.87	178.92	3.05	3.03	99	1.97	65	--	3H	1W	
178.92	181.97	3.05	3.04	100	2.50	82	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.02	99	1.97	65	--	3H	1W	
185.01	188.06	3.05	3.05	100	2.42	79	--	3H	1W	
188.06	191.11	3.05	3.03	99	1.53	50	--	4H	1W	
191.11	194.16	3.05	3.03	99	1.72	56	--	4H	1W	
194.16	197.21	3.05	2.99	98	1.95	64	--	4H	1W	
197.21	200.25	3.04	3.04	100	2.09	69	--	4H	1W	
200.25	203.30	3.05	3.01	99	2.11	69	--	4H	1W	
203.30	206.35	3.05	3.03	99	1.39	46	--	4H	1W	
206.35	209.40	3.05	3.04	100	2.90	95	--	3H	1W	
209.40	212.45	3.05	2.81	92	1.61	53	--	4H	1W	
212.45	215.49	3.04	2.96	97	2.37	78	--	3H	1W	
215.49	218.54	3.05	2.94	96	2.28	75	--	3H	1W	
218.54	221.59	3.05	2.93	96	2.01	66	--	4H	1W	
221.59	224.64	3.05	3.05	100	2.96	97	--	3H	1W	
224.64	227.69	3.05	2.99	98	1.88	62	--	4H	1W	
227.69	230.73	3.04	3.04	100	2.13	70	--	4H	1W	
230.73	233.78	3.05	3.03	99	2.40	79	--	4H	1W	
233.78	236.83	3.05	2.9	95	1.78	58	--	4H	1W	
236.83	239.88	3.05	3.02	99	1.38	45	--	4H	1W	
239.88	242.93	3.05	3.05	100	2.09	69	--	4H	1W	
242.93	245.98	3.05	3.04	100	1.70	56	--	4H	1W	
245.98	249.03	3.05	3.04	100	1.50	49	--	4H	1W	
249.03	252.07	3.04	3.04	100	2.22	73	--	4H	1W	
252.07	255.12	3.05	2.96	97	1.89	62	--	4H	1W	
255.12	258.17	3.05	3.05	100	3.04	100	--	3H	1W	
258.17	261.21	3.04	2.96	97	1.89	62	--	4H	1W	
261.21	264.26	3.05	3.03	99	2.75	90	--	4H	1W	
264.26	267.31	3.05	3.03	99	3.03	99	--	4H	1W	
267.31	270.36	3.05	3.03	99	2.21	72	--	4H	1W	
270.36	273.41	3.05	2.81	92	2.26	74	--	4H	1W	
273.41	276.46	3.05	2.88	94	1.33	44	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.46	279.50	3.04	3	99	2.06	68	--	2H	1W	
279.50	282.55	3.05	2.88	94	2.73	90	--	3H	1W	
282.55	285.60	3.05	3.05	100	2.88	94	--	3H	1W	
285.60	288.64	3.04	3.04	100	2.02	66	--	4H	1W	
288.64	291.69	3.05	3.04	100	2.73	90	--	4H	1W	
291.69	294.74	3.05	2.97	97	1.24	41	--	4H	1W	
294.74	297.79	3.05	3.05	100	1.99	65	--	4H	1W	
297.79	300.84	3.05	3.04	100	2.83	93	--	3H	1W	
300.84	303.89	3.05	3	98	2.09	69	--	4H	1W	
303.89	306.93	3.04	3.03	100	2.20	72	--	4H	1W	
306.93	309.98	3.05	3.05	100	2.02	66	--	4H	1W	
309.98	313.03	3.05	2.96	97	2.44	80	--	4H	1W	
313.03	316.08	3.05	3.05	100	2.27	74	--	3H	1W	
316.08	319.13	3.05	3.04	100	2.16	71	--	3H	1W	
319.13	322.17	3.04	2.9	95	2.61	86	--	3H	1W	
322.17	325.22	3.05	3.05	100	2.45	80	--	3H	1W	
325.22	328.27	3.05	2.91	95	2.37	78	--	3H	1W	
328.27	331.32	3.05	2.92	96	2.08	68	--	3H	1W	
331.32	334.37	3.05	2.57	84	1.54	50	--	2H	1W	
334.37	337.41	3.04	2.7	89	1.33	44	--	2H	1W	
337.41	340.46	3.05	2.94	96	2.23	73	--	2H	1W	
340.46	343.51	3.05	2.66	87	1.30	43	--	2H	1W	
343.51	346.56	3.05	2.98	98	2.18	71	--	2H	1W	
346.56	349.61	3.05	2.89	95	2.54	83	--	3H	1W	
349.61	352.65	3.04	3	99	2.81	92	--	3H	1W	
352.65	355.70	3.05	2.99	98	2.16	71	--	3H	1W	
355.70	358.75	3.05	2.95	97	2.77	91	--	4H	1W	
358.75	361.80	3.05	2.94	96	2.67	88	--	4H	1W	
361.80	364.85	3.05	3.03	99	2.81	92	--	4H	1W	
364.85	367.89	3.04	3.04	100	2.82	93	--	4H	1W	
367.89	370.94	3.05	3.05	100	3.05	100	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
370.94	373.99	3.05	3.01	99	2.60	85	--	3H	1W	
373.99	377.04	3.05	3.02	99	2.82	92	--	3H	1W	
377.04	380.09	3.05	3	98	2.66	87	--	3H	1W	
380.09	383.13	3.04	2.99	98	2.60	86	--	3H	1W	
383.13	386.18	3.05	3.05	100	2.95	97	--	4H	1W	
386.18	389.23	3.05	3	98	2.85	93	--	3H	1W	
389.23	392.28	3.05	3.02	99	2.96	97	--	3H	1W	
392.28	395.33	3.05	2.98	98	2.78	91	--	3H	1W	
395.33	398.37	3.04	3	99	2.79	92	--	3H	1W	
398.37	401.42	3.05	3.04	100	2.41	79	--	3H	1W	
401.42	404.47	3.05	3.05	100	2.02	66	--	3H	1W	
404.47	407.52	3.05	3.01	99	1.22	40	--	3H	1W	
407.52	410.57	3.05	3.05	100	2.19	72	--	3H	1W	
410.57	413.61	3.04	3.04	100	1.97	65	--	3H	1W	
413.61	416.66	3.05	3.02	99	2.56	84	--	3H	1W	
416.66	419.71	3.05	3	98	2.80	92	--	3H	1W	
419.71	422.76	3.05	3.01	99	2.60	85	--	4H	1W	
422.76	425.81	3.05	3.05	100	2.85	93	--	3H	1W	
425.81	428.85	3.04	2.99	98	2.71	89	--	4H	1W	
428.85	431.90	3.05	3.03	99	2.75	90	--	4H	1W	
431.90	434.95	3.05	3.05	100	2.84	93	--	4H	1W	
434.95	438.00	3.05	3.03	99	2.88	94	--	3H	1W	
438.00	441.05	3.05	3.05	100	2.75	90	--	3H	1W	
441.05	444.09	3.04	3.04	100	2.92	96	--	3H	1W	
444.09	447.14	3.05	3.05	100	2.87	94	--	3H	1W	
447.14	450.19	3.05	3.04	100	3.00	98	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	0.709	GRD	
5	0.468	GRD	
6	1.08	GRD	
7	0.532	GRD	
8	10.2	GRD	
9	1.64	GRD	
10	2.69	GRD	
11	0.382	GRD	
12	0.568	GRD	
13	2.46	GRD	
14	2.31	GRD	
15	0.181	GRD	
16	0.293	GRD	
17	0.754	GRD	
18	0.888	GRD	
19	0.537	GRD	
20	0.455	GRD	
21	0.419	GRD	
22	8.32	GRD	
23	8.84	GRD	
24	4.1	GRD	
25	0.501	GRD	
26	0.629	GRD	
27	0.393	GRD	
28	0.364	GRD	
29	0.178	GRD	
30	0.318	GRD	
31	15.5	GRD	
32	15.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	6.28	GRD	
34	0.499	GRD	
35	7.67	GRD	
36	2.48	GRD	
37	9.09	GRD	
38	0.345	GRD	
39	0.374	GRD	
40	8.35	GRD	
41	6.62	GRD	
42	4.99	GRD	
43	0.868	GRD	
44	0.437	GRD	
45	6.15	GRD	
46	16.6	GRD	
47	0.539	GRD	
48	20.5	GRD	
49	20.5	GRD	
50	5.64	GRD	
51	0.784	GRD	
52	0.347	GRD	
53	0.402	GRD	
54	8.5	GRD	
55	4.42	GRD	
56	0.531	GRD	
57	0.416	GRD	
58	0.557	GRD	
59	0.804	GRD	
60	0.53	GRD	
61	19.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	13.7	GRD	
63	1.39	GRD	
64	16	GRD	
65	13.2	GRD	
66	17.8	GRD	
67	6.08	GRD	
68	14.2	GRD	
69	5.68	GRD	
70	1.57	GRD	
71	0.688	GRD	
72	0.355	GRD	
73	0.688	GRD	
74	0.704	GRD	
75	0.328	GRD	
76	0.472	GRD	
77	0.279	GRD	
78	0.664	GRD	
79	0.43	GRD	
80	1.1	GRD	
81	7.91	GRD	
82	0.302	GRD	
83	0.573	GRD	
84	0.517	GRD	
85	13.7	GRD	
86	10.5	GRD	
87	15.2	GRD	
88	1.45	GRD	
89	0.576	GRD	
90	12	GRD	
91	12.5	GRD	
92	4	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
93	17	GRD	
94	10.7	GRD	
95	20.8	GRD	
96	18.5	GRD	
97	15.5	GRD	
98	16.5	GRD	
99	0.754	GRD	
100	13.4	GRD	
101	4.95	GRD	
102	21.9	GRD	
103	4.9	GRD	
104	14.5	GRD	
105	18.5	GRD	
106	13	GRD	
107	13.1	GRD	
108	5.27	GRD	
109	5.4	GRD	
110	13.9	GRD	
111	15.5	GRD	
112	12.8	GRD	
113	15.3	GRD	
114	16.3	GRD	
115	24.2	GRD	
116	16.4	GRD	
117	11.3	GRD	
118	15.7	GRD	
119	16.3	GRD	
120	11.3	GRD	
121	0.441	GRD	
122	272	GRD	
123	0.569	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	18.8	GRD	
125	14.2	GRD	
126	16.1	GRD	
127	9.49	GRD	
128	9.51	GRD	
129	9.94	GRD	
130	17.6	GRD	
131	21.2	GRD	
132	19.3	GRD	
133	16.7	GRD	
134	19	GRD	
135	23.6	GRD	
136	17.8	GRD	
137	21.5	GRD	
138	18.5	GRD	
139	18.5	GRD	
140	19.7	GRD	
141	15.5	GRD	
142	19.4	GRD	
143	10.8	GRD	
144	20	GRD	
145	18.8	GRD	
146	14.8	GRD	
147	14	GRD	
148	17.6	GRD	
149	18.9	GRD	
150	5.08	GRD	
151	10.9	GRD	
152	10.6	GRD	
153	19.8	GRD	
154	20	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
155	16.5	GRD	
156	0.493	GRD	
157	6.72	GRD	
158	3.78	GRD	
159	18.6	GRD	
160	18.7	GRD	
161	3.82	GRD	
162	20	GRD	
163	22.3	GRD	
164	13.2	GRD	
165	5.53	GRD	
166	6.89	GRD	
167	13.9	GRD	
168	0.368	GRD	
169	0.494	GRD	
170	0.244	GRD	
171	0.4	GRD	
172	2.51	GRD	
173	2.34	GRD	
174	3.72	GRD	
175	5.63	GRD	
176	3.5	GRD	
177	0.311	GRD	
178	0.42	GRD	
179	0.623	GRD	
180	4.76	GRD	
181	10.6	GRD	
182	6.54	GRD	
183	0.602	GRD	
184	0.41	GRD	
185	0.558	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	7.68	GRD	
187	12.2	GRD	
188	3.91	GRD	
189	19.9	GRD	
190	22.1	GRD	
191	11.1	GRD	
192	9.36	GRD	
193	5.83	GRD	
194	1.33	GRD	
195	17	GRD	
196	17	GRD	
197	0.693	GRD	
198	0.354	GRD	
199	2.35	GRD	
200	19.1	GRD	
201	1.43	GRD	
202	1.24	GRD	
203	13.2	GRD	
204	2.59	GRD	
205	2.42	GRD	
206	1.42	GRD	
207	0.168	GRD	
208	0.266	GRD	
209	0.59	GRD	
210	4.09	GRD	
211	3.64	GRD	
212	2.52	GRD	
213	1.55	GRD	
214	0.668	GRD	
215	0.458	GRD	
216	0.23	GRD	
217	2.45	GRD	
218	7.22	GRD	
219	15.9	GRD	
220	14.3	GRD	
221	16.9	GRD	
222	14.1	GRD	
223	0.509	VEN	
224	9.46	GRD	
225	22.2	GRD	
226	23.7	GRD	
227	24.7	GRD	
228	23.8	GRD	
229	0.995	GRD	
230	5.94	GRD	
231	26.13	GRD	
232	22.7	GRD	
233	22.7	GRD	
234	17.1	GRD	
235	11.8	GRD	
236	17.4	GRD	
237	19.6	GRD	
238	19.5	GRD	
239	20.7	GRD	
240	16.3	GRD	
241	19.8	GRD	
242	17.9	GRD	
243	17.8	GRD	
244	15.3	GRD	
245	17	GRD	
246	22.8	GRD	
247	17.7	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
248	15.8	GRD	
249	15.5	GRD	
250	15.3	GRD	
251	13.9	GRD	
252	15.4	GRD	
253	16.2	GRD	
254	11.3	GRD	
255	0.416	GRD	
256	0.619	GRD	
257	10.6	GRD	
258	31.9	GRD	
259	19.9	GRD	
260	11.5	GRD	
261	14.4	GRD	
262	25.7	GRD	
263	24	GRD	
264	14.9	GRD	
265	28.4	GRD	
266	18.4	GRD	
267	13	GRD	
268	10.5	GRD	
269	26.2	GRD	
270	19.7	GRD	
271	18.4	GRD	
272	2.61	GRD	
273	1.64	GRD	
274	7.03	GRD	
275	0.458	GRD	
276	0.21	GRD	
277	0.283	GRD	
278	0.999	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
279	12.5	GRD	
280	0.398	GRD	
281	0.514	GRD	
282	11.3	GRD	
283	9.5	GRD	
284	0.384	GRD	
285	0.986	GRD	
286	21.6	GRD	
287	28.3	GRD	
288	25.7	GRD	
289	27.1	GRD	
290	0.424	GRD	
291	18.7	GRD	
292	0.809	GRD	
293	25.2	GRD	
294	7.17	GRD	
295	19.9	GRD	
296	31.4	GRD	
297	29.2	GRD	
298	0.763	GRD	
299	27.6	GRD	
300	0.462	GRD	
301	1.24	GRD	
302	3.73	GRD	
303	26.8	GRD	
304	9.8	GRD	
305	13.8	GRD	
306	43.1	GRD	
307	47.2	GRD	
308	28.5	GRD	
309	14.6	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
310	24.1	GRD	
311	28.6	GRD	
312	20.8	GRD	
313	0.773	GRD	
314	2.07	GRD	
315	22.5	GRD	
316	10.4	GRD	
317	26.5	GRD	
318	0.495	GRD	
319	0.944	GRD	
320	0.267	GRD	
321	0.389	GRD	
322	0.178	GRD	
323	0.402	GRD	
324	0.08	BXA	
325	0.249	BXA	
326	0.236	GRD	
327	0.348	GRD	
328	0.46	QFP	
329	0.287	QFP	
330	0.127	QFP	
331	0.19	QFP	
332	0.154	QFP	
333	0.26	QFP	
334	0.213	QFP	
335	0.039	QFP	
336	0.199	QFP	
337	0.246	QFP	
338	0.216	QFP	
339	0.247	QFP	
340	0.255	QFP	
341	0.232	QFP	
342	0.264	QFP	
343	0.28	QFP	
344	0.361	QFP	
345	0.446	QFP	
346	0.688	QFP	
347	3.66	GRD	
348	10.1	GRD	
349	0.926	GRD	
350	0.244	GRD	
351	17.6	GRD	
352	19	GRD	
353	0.426	GRD	
354	0.66	GRD	
355	22.3	GRD	
356	4.16	GRD	
357	2.32	GRD	
358	1.729	GRD	
359	9.942	GRD	
360	3.818	GRD	
361	24.93	GRD	
362	20.15	GRD	
363	17.64	GRD	
364	21.56	GRD	
365	8.134	GRD	
366	1.455	GRD	
367	0.49	GRD	
368	13.27	GRD	
369	13.27	GRD	
370	0.428	GRD	
371	1.728	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
372	0.6	GRD	
373	0.48	GRD	
374	0.323	GRD	
375	0.477	GRD	
376	1.042	GRD	
377	1.229	GRD	
378	0.225	GRD	
379	0.236	GRD	
380	0.362	GRD	
381	26.2	GRD	
382	11.64	GRD	
383	14.1	GRD	
384	15.91	GRD	
385	15.18	GRD	
386	30.38	GRD	
387	0.558	GRD	
388	0.79	GRD	
389	11.45	GRD	
390	10.76	GRD	
391	4.302	GRD	
392	23.05	GRD	
393	0.518	GRD	
394	0.266	GRD	
395	0.609	GRD	
396	0.302	GRD	
397	0.417	GRD	
398	0.669	GRD	
399	0.815	GRD	
400	0.307	QFP	
401	0.262	QFP	
402	0.198	QFP	
403	0.303	QFP	
404	0.175	QFP	
405	0.131	QFP	
406	0.204	QFP	
407	0.185	QFP	
408	0.208	QFP	
409	0.367	QFP	
410	0.242	GRD	
411	0.285	VEN	
412	0.183	VEN	
413	1.567	GRD	
414	10.83	GRD	
415	0.195	GRD	
416	0.292	BXA	
417	2.749	GRD	
418	0.204	GRD	
419	0.355	GRD	
420	0.467	GRD	
421	0.399	GRD	
422	1.73	GRD	
423	0.366	GRD	
424	0.202	GRD	
425	0.256	GRD	
426	13.91	GRD	
427	1.677	GRD	
428	13.57	GRD	
429	0.515	GRD	
430	7.471	GRD	
431	28.4	GRD	
432	30.53	GRD	
433	19.31	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
434	19.2	GRD	
435	0.614	GRD	
436	6.591	GRD	
437	4.421	GRD	
438	0.407	GRD	
439	2.819	GRD	
440	19.3	GRD	
441	3.504	GRD	
442	0.477	GRD	
443	16.47	GRD	
444	0.561	GRD	
445	20.31	GRD	
446	10.74	GRD	
447	15.95	GRD	
448	19.35	GRD	
449	19.67	GRD	
450	16.56	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382296	6890909	1289.78	178.92

ZONE: Western Klaza

SECTION:

HOLE: KL-14-223

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth: 3.05m, Out

Drilling Dates: Aug 14 - Aug 15, 2014

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
11.27	32.1	-49	Reflex
178.91	39.2	-50.2	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.05	3.05	CAS
3.05	7.98	4.93	GRD
7.98	32.97	24.99	GRD
32.97	34.74	1.77	GRD
34.74	42.81	8.07	GRD
42.81	51.05	8.24	GRD
51.05	53.13	2.08	GRD
53.13	59.99	6.86	GRD
59.99	63.01	3.02	GRD
63.01	76.86	13.85	GRD
76.86	78.81	1.95	GRD
78.81	80.05	1.24	QFP
80.05	80.62	0.57	GRD
80.62	111.8	31.18	GRD
111.8	113.94	2.14	GRD
113.94	119.59	5.65	GRD

SAMPLES	
Numbers:	Q935251 to Q935278, Q935966 to Q936000
Total:	71
Batch:	169, 171, 172
Certificates:	WH14125362, WH14125365, WH14126980, WH14134302

COMMENTS

119.59	122.79	3.2	GRD
122.79	129.95	7.16	GRD
129.95	134.43	4.48	GRD
134.43	139.35	4.92	GRD
139.35	154.12	14.77	GRD
154.12	167.27	13.15	GRD
167.27	173.56	6.29	GRD
173.56	178.92	5.36	GRD

Box Log

KL-14-223

Klaza

stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.05	7.84
2	7.84	11.81
3	11.81	16.17
4	16.17	20.42
5	20.42	24.71
6	24.71	29.12
7	29.12	33.33
8	33.33	37.5
9	37.5	41.66
10	41.66	45.93
11	45.93	50.15
12	50.15	54.2
13	54.2	58.33
14	58.33	62.9
15	62.9	67.11
16	67.11	71.45
17	71.45	75.8
18	75.8	80.2
19	80.2	84.39
20	84.39	88.61
21	88.61	92.88
22	92.88	96.62
23	96.62	100.55
24	100.55	104.68
25	104.68	108.81
26	108.81	112.89
27	112.89	117.16
28	117.16	121.18
29	121.18	125.25
30	125.25	129.53
31	129.53	133.96
32	133.96	137.95
33	137.95	142.09
34	142.09	145.94
35	145.94	150.03
36	150.03	154.3
37	154.3	158.35
38	158.35	162.29
39	162.29	166.49
40	166.49	170.82
41	170.82	175.2
42	175.2	178.92

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-223									
	145.65	10.2	NQ2	GRD	576.6	369.9	2.66	2.8	3.8 centimeter smoky quartz vein with disseminated to veinlets of pyrite, blebby honey brown sphalerite and blebby to veinlets of ankerite. Hosted in strong phyllic altered granodiorite with strong silicification and disseminated pyrite.
	148.75	7.9	NQ2	GRD	474.7	305.6	2.83	2.8	6 centimeter smoky quartz vein hosting disseminated to blebby pyrite, disseminated arsenopyrite, disseminated jamesonite and disseminated honey brown sphalerite and blebby to veinlets of pale and tan ankerite. Hosted in strong phyllic altered granodiorite with strong silicification and disseminated pyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.05	7.98	4.93	GRD	MG	Extremely oxidized patchy argillic and unaltered granodiorite.							
						MD	BN		OXI	4I		
									ARG	3I		
7.98	15.92	7.94	GRD	MG	Unaltered granodiorite with local patchy argillic oxidization on fractures.							
						MD	GY		OXI	2I		
									ARG	2I		
15.92	17.31	1.39	GRD	MG	Moderately oxidized argillic granodiorite. Oxidized through entire core.							
						LT	BN		OXI	3I		
									ARG	5I		
17.31	32.97	15.66	GRD	MG	Unaltered granodiorite with local patchy argillic oxidization on fractures.							
						MD	GY		OXI	2I		
									ARG	2I		
32.97	34.74	1.77	GRD	MG	Strongly phyllic altered granodiorite. Quartz-carbonate veining/veinlets throughout hosting very fine grained disseminated pyrite. Oxide stain on fracture and around a 2 cm halo of the fractures.							
						LT	GN		PHC	4I		
						DK	GY		OXI	2I	Py	0.1
34.74	42.81	8.07	GRD	MG	Patchy argillic, phyllic and unaltered granodiorite. Small quartz-carbonate veins often chlorite altered. No visible sulphides.							
						MD	GY		OXI	2I		
									PHC	2I		
									ARG	2I		
42.81	51.05	8.24	GRD	MG	Moderately oxidized argillic granodiorite. Oxidized through entire core.							
						LT	BN		OXI	3I		
									ARG	5I		
51.05	53.13	2.08	GRD	MG	Patchy argillic, phyllic and unaltered granodiorite. Small quartz-carbonate veins often chlorite altered. No visible sulphides. Trace very fine grained wispy pyrite in veinlets/veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		OXI	2I		
						LT	GN		ARG	3I		
									PHC	2I		
53.13	59.99	6.86	GRD	MG	Strongly phyllic altered granodiorite with local silica alteration. Patchy argillic overprint (weak). Numerous quartz-carbonate vein/veinlets locally hashing blebby to disseminated pyrite. Small zones of clay alteration and goethite. Oxide on fracture surfaces. Local chlorite overprint - mainly surrounding vein.							
						LT	GN		PHC	5I	Py	0.2
						--	GY		SIL	2I		
									ARG	1I		
									CHL	2I		
									CLY	2I		
59.99	63.01	3.02	GRD	MG	Patchy argillic and phyllic altered granodiorite. Local quartz-carbonate vein/veinlets in phyllic halos hosting blebby pyrite and sphalerite.							
						LT	GN		ARG	3I	Py	0.1
						--	WH		PHC	2I	Sp	0.1
63.01	66.32	3.31	GRD	MG	unaltered granodiorite.							
						MD	GY					
66.32	68.25	1.93	GRD	MG	Weak potassic overprint on argillic altered granodiorite.							
						LT	PK		ARG	3I		
						DK	GY		POT	2I		
68.25	69.40	1.15	GRD	MG	unaltered granodiorite.							
						MD	GY					
69.40	76.86	7.46	GRD	MG	Weak to moderate propylitic overprinting moderately argillic altered granodiorite. Patchy moderately silicified, weak to moderate potassic/propylitic altered granodiorite and moderate phyllic envelops around quartz plus or minus quartz veins.							
						MD	GY		PHC	2I		
						LT	GN		ARG	3I		
76.86	78.81	1.95	GRD	MG	Moderately silicified, phyllic/propylitic altered granodiorite							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		
						LT	GN		SIL	3I		
									PRO	3I		
78.81	80.05	1.24	QFP	MG	Dark purple quartz-feldspar porphyry dyke with lite pink dyke at granodiorite contacts. Upper contact is oxidized, gougy and rubbly, lower contact is sharp at 60 degrees to core axis.							
						LT	PK					
						DK	PU					
80.05	80.62	0.57	GRD	MG	Moderately silicified/phyllic to potassic/propylitic to potassic/propylitic overprinting argillic distally from dyke contact.							
						MD	GY		PHC	3I		
						LT	GN		ARG	2I		
80.62	87.06	6.44	GRD	MG	Trace to weak potassic and propylitic altered granodiorite (moderately silicified).							
						MD	GY		POT	2I		
						LT	GY		PRO	2I		
87.06	92.88	5.82	GRD	MG	Weak to moderate potassic/propylitic overprinting argillic altered granodiorite with patchy moderately silicified, moderate potassic/propylitic altered and moderate phyllic/silicified altered granodiorite. Centre of interval is pervasively strongly oxidized and rubbly. Oxide obscured rock texture.							
						MD	GY		POT	3I		
						LT	PK		PRO	3I		
									PHC	3I		
									SIL	3I		
92.88	111.80	18.92	GRD	MG	Trace to weak potassic and propylitic altered granodiorite (moderately silicified).							
						MD	GY		PRO	2I		
						LT	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
111.80	113.94	2.14	GRD	MG	Phyllic and argillic altered granodiorite with smokey quartz-carbonate veins/veinlets hosting blebby pyrite. Ankerite veinlets pervasive. Smokey quartz-carbonate veins/veinlets host banded pyrite. Ankerite veins hosting blebby pyrite and black jack sphalerite. Approximately 50 centimetre envelopes of argillic altered granodiorite around phyllic altered granodiorite.							
						LT	GN				Py	0.1
						--	WH				Sp	0.01
113.94	119.59	5.65	GRD	MG	Trace to weak propylitic altered granodiorite. Calcite veining pervasive throughout (11 per metre).							
						MD	GY		PRO	3I		
									POT	2I		
122.79	129.95	7.16	GRD	MG	Weak to moderate potassic/propylitic overprinting argillic altered granodiorite with patchy moderately silicified, moderate potassic/propylitic altered and moderate phyllic/silicified altered granodiorite. Centre of interval is pervasively strongly oxidized and rubbly. Oxide obscured rock texture.							
						MD	GY		POT	3I		
						LT	PK		PRO	3I		
									SIL	3I		
									PHC	3I		
129.95	134.43	4.48	GRD	MG	Patchy phyllic and argillic altered granodiorite with smokey quartz-carbonate veins hosting weak blebby and banded pyrite. Approximately 25 centimetre diamitic breccia comprising fine to medium grained phyllic clasts (sub-angular up to 5 centimetre clasts) withing dark grey fine grained matrix hosting very trace pyrite.							
						LT	GY					
						LT	GN		PHC	4I	Py	0.1
						DK	GY		ARG	3I		
134.43	139.35	4.92	GRD	MG	Trace to weak potassic and propylitic altered granodiorite (moderately silicified).							
						MD	GY		POT	2I		
						LT	GY		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
139.35	145.39	6.04	GRD	MG	Strong phyllic and argillic altered granodiorite with argillic envelopes around smokey quartz-carbonate veined phyllic altered granodiorite. Veins hosting blebby to banded pyrite. Veins are irregular and undulating and hosts comb and banded textures. Minor goethite and rubble intervals withing argillic and phyllic altered granodiorite, phyllic altered granodiorite is variably mineralized with trace disseminated pyrite.							
						LT	GN		PHC	5I		
						DK	GY		ARG	3I		
						--	WH		SIL	4I		
145.39	150.03	4.64	GRD	MG	Strong phyllic altered granodiorite with smokey quartz-carbonate veining and ankerite veining hosting variable blebby to banded pyrite. Minor clay altered phyllic patchy with dark grey fine grained sulphide smearing. 21 veins per interval ranging fro 0.5 to 6 centimetres. Veins comprising irregular banded smokey-quartz-carbonate-ankerite and smokey quartz with silicified grey quartz hosting variable pyrite, galena, sphalerite, arsenopyrite, jamesonite.							
											Sp	0.1
											As	0.1
											Py	0.1
											Gn	0.1
150.03	154.12	4.09	GRD	MG	Strong phyllic and argillic altered granodiorite with argillic envelopes around smokey quartz-carbonate veined phyllic altered granodiorite. Veins hosting blebby to banded pyrite. Veins are irregular and undulating and hosts comb and banded textures. Minor goethite and rubble intervals withing argillic and phyllic altered granodiorite, phyllic altered granodiorite is variably mineralized with trace disseminated pyrite.							
						LT	GN		PHC	5I		
						DK	GY		ARG	3I		
						--	WH		SIL	4I		
154.12	167.27	13.15	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy argillic altered granodiorite. Pervasive calcite veining withing propylitic and potassic altered granodiorite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
									PHC	3I		
									ARG	3I		
167.27	168.18	0.91	GRD	MG	Moderate to strong phyllic altered granodiorite with minor rubble/gouge intervals. Patchy argillic altered granodiorite (minor) Smokey quartz and ankerite veins/veinlets pervasive throughout phyllic altered granodiorite. Minor silicified intervals obliterating textures up to 10 centimetres. Irregular banded quartz-ankerite veins at 168 metres. Smokey quartz-carbonate flooding with pyrite, arsenopyrite, sphalerite. Trace variable disseminated pyrite in phyllic altered granodiorite.							
						LT	GN		SIL	4I	Py	0.5
									PHC	4I		
									ARG	2I		
168.18	168.30	0.12	GRD	MG	Smokey quartz-carbonate flooded phyllic altered granodiorite hosting blebby pyrite, arsenopyrite, galena and sphalerite. Sokey quartz-carbonate vein is offset by 5 centimetre at 20 degrees. Ductile textures withing vein as well (offsets).							
						LT	GY	SH	PHC	5I	Py	2
						DK	GY		SIL	4I	As	0.1
											Sp	2
											Gn	0.1
168.30	173.56	5.26	GRD	MG	Moderate to strong phyllic altered granodiorite with minor rubble/gouge intervals. Patchy argillic altered granodiorite (minor) Smokey quartz and ankerite veins/veinlets pervasive throughout phyllic altered granodiorite. Minor silicified intervals obliterating textures up to 10 centimetres. Irregular banded quartz-ankerite veins at 168 metres. Smokey quartz-carbonate flooding with pyrite, arsenopyrite, sphalerite. Trace variable disseminated pyrite in phyllic altered granodiorite.							
						LT	GN		SIL	4I		
									PHC	4I		
									ARG	2I		
173.56	178.92	5.36	GRD	MG	Trace to weak propylitic and potassic altered granodiorite. Calcite veinlets pervasive at 5 per metre. Moderately silicified.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY		PRO	2I		
						DK	GY		POT	2I		
									SIL	3I		

KL-14-223

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.05	7.98	4.93	GRD	MG	Extremely oxidized patchy argillic and unaltered granodiorite.							
						MD	BN		OXI	4I		
									ARG	3I		
7.98	32.97	24.99	GRD	MG	Unaltered granodiorite with local patchy argillic oxidization on fractures.							
									ARG	2I		
						MD	GY		OXI	2I		
32.97	34.74	1.77	GRD	MG	Strongly phyllic altered granodiorite. Quartz-carbonate veining/veinlets throughout hosting very fine grained disseminated pyrite. Oxide stain on fracture and around a 2 cm halo of the fractures.							
						DK	GY		OXI	2I	Py	0.1
						LT	GN		PHC	4I		
34.74	42.81	8.07	GRD	MG	Patchy argillic, phyllic and unaltered granodiorite. Small quartz-carbonate veins often chlorite altered. No visible sulphides.							
									PHC	2I		
									ARG	2I		
						MD	GY		OXI	2I		
42.81	51.05	8.24	GRD	MG	Moderately oxidized argillic granodiorite. Oxidized through entire core.							
									ARG	5I		
						LT	BN		OXI	3I		
51.05	53.13	2.08	GRD	MG	Patchy argillic, phyllic and unaltered granodiorite. Small quartz-carbonate veins often chlorite altered. No visible sulphides. Trace very fine grained wispy pyrite in veinlets/veins.							
									PHC	2I		
						LT	GN		ARG	3I		
						MD	GY		OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
53.13	59.99	6.86	GRD	MG	Strongly phyllic altered granodiorite with local silica alteration. Patchy argillic overprint (weak). Numerous quartz-carbonate vein/veinlets locally hashing blebby to disseminated pyrite. Small zones of clay alteration and goethite. Oxide on fracture surfaces. Local chlorite overprint - mainly surrounding vein.				ARG	1I		
						LT	GN		PHC	5I	Py	0.2
						--	GY		SIL	2I		
									CHL	2I		
									CLY	2I		
59.99	63.01	3.02	GRD	MG	Patchy argillic and phyllic altered granodiorite. Local quartz-carbonate vein/veinlets in phyllic halos hosting blebby pyrite and sphalerite.							
						LT	GN		ARG	3I	Py	0.1
						--	WH		PHC	2I	Sp	0.1
63.01	76.86	13.85	GRD	MG	Unaltered granodiorite with patchy mod argillic altered granodiorite, mod silicified granodiorite and weak to mod potassic/propylitic altered granodiorite. Moderate phyllic envelopes around carbonate plus or minus quartz veins.							
						MD	GY					
76.86	78.81	1.95	GRD	MG	Moderately silicified, phyllic/propylitic altered granodiorite							
						MD	GN		PHC	3I		
									PRO	3I		
						LT	GN		SIL	3I		
78.81	80.05	1.24	QFP	MG	Dark purple quartz-feldspar porphyry dyke with lite pink dyke at granodiorite contacts. Upper contact is oxidized, gougy and rubbly, lower contact is sharp at 60 degrees to core axis.							
						DK	PU					
						LT	PK					
80.05	80.62	0.57	GRD	MG	Moderately silicified/phyllic to potassic/propylitic to potassic/propylitic overprinting argillic distally from dyke contact.							
						MD	GY		PHC	3I		
						LT	GN		ARG	2I		
80.62	111.80	31.18	GRD	MG	Trace to weak potassic and propylitic altered granodiorite (moderately silicified).							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GY		PRO	2I		
						MD	GY		POT	2I		
111.80	113.94	2.14	GRD	MG	Phyllic and argillic altered granodiorite with smokey quartz-carbonate veins/veinlets hosting blebby pyrite. Ankerite veinlets pervasive. Smokey quartz-carbonate veins/veinlets host banded pyrite. Ankerite veins hosting blebby pyrite and black jack sphalerite. Approximately 50 centimetre envelopes of argillic altered granodiorite around phyllic altered granodiorite.							
						LT	GN				Py	0.1
						--	WH				Sp	0.01
113.94	119.59	5.65	GRD	MG	Trace to weak propylitic altered granodiorite. Calcite veining pervasive throughout (11 per metre).							
						MD	GY		PRO	3I		
						DK	GN		POT	2I		
122.79	129.95	7.16	GRD	MG	Weak to moderate potassic/propylitic overprinting argillic altered granodiorite with patchy moderately silicified, moderate potassic/propylitic altered and moderate phyllic/silicified altered granodiorite. Centre of interval is pervasively strongly oxidized and rubbly. Oxide obscured rock texture.							
									PHC	3I		
									SIL	3I		
						LT	PK		PRO	3I		
						MD	GY		POT	3I		
129.95	134.43	4.48	GRD	MG	Patchy phyllic and argillic altered granodiorite with smokey quartz-carbonate veins hosting weak blebby and banded pyrite. Approximately 25 centimetre diamitic breccia comprising fine to medium grained phyllic clasts (sub-angular up to 5 centimetre clasts) withing dark grey fine grained matrix hosting very trace pyrite.							
						LT	GY					
						LT	GN		PHC	4I	Py	0.1
						DK	GY		ARG	3I		
134.43	139.35	4.92	GRD	MG	Trace to weak potassic and propylitic altered granodiorite (moderately silicified).							
						MD	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		PRO	2I		
139.35	154.12	14.77	GRD	MG	Strong phyllic and argillic altered granodiorite with argillic envelopes around smokey quartz-carbonate veined phyllic altered granodiorite. Veins hosting blebby to banded pyrite. Veins are irregular and undulating and hosts comb and banded textures. Minor goethite and rubble intervals withing argillic and phyllic altered granodiorite, phyllic altered granodiorite is variably mineralized with trace disseminated pyrite.							
						DK	GY		ARG	3I		
						--	WH		SIL	4I		
						LT	GN		PHC	5I		
154.12	167.27	13.15	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy argillic altered granodiorite. Pervasive calcite veining withing propylitic and potassic altered granodiorite.							
						DK	GY		PRO	2I		
						MD	GY		POT	2I		
									PHC	3I		
									ARG	3I		
167.27	173.56	6.29	GRD	MG	Moderate to strong phyllic altered granodiorite with minor rubble/gouge intervals. Patchy argillic altered granodiorite (minor) Smokey quartz and ankerite veins/veinlets pervasive throughout phyllic altered granodiorite. Minor silicified intervals obliterating textures up to 10 centimetres. Irregular banded quartz-ankerite veins at 168 metres. Smokey quartz-carbonate flooding with pyrite, arsenopyrite, sphalerite. Trace variable disseminated pyrite in phyllic altered granodiorite.							
						LT	GN		SIL	4I	Py	0.5
									PHC	4I		
									ARG	2I		
173.56	178.92	5.36	GRD	MG	Trace to weak propylitic and potassic altered granodiorite. Calcite veinlets pervasive at 5 per metre. Moderately silicified.							
									SIL	3I		
						DK	GY		PRO	2I		
						DK	GY		POT	2I		

KL-14-223

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.05	3.05	0	0	0.00	0	--	--	--	
3.05	5.18	2.13	1.09	51	0.00	0	--	2H	3W	rubble
5.18	8.23	3.05	3.04	100	1.89	62	--	3H	3W	rubble
8.23	11.28	3.05	2.72	89	1.73	57	--	4H	2W	
11.28	14.33	3.05	2.73	90	0.58	19	--	3H	2W	
14.33	17.37	3.04	3.04	100	0.92	30	--	3H	2W	
17.37	20.42	3.05	3.05	100	2.10	69	--	4H	2W	
20.42	23.47	3.05	2.94	96	1.40	46	--	4H	2W	
23.47	26.52	3.05	2.96	97	1.52	50	--	4H	2W	
26.52	29.57	3.05	2.94	96	1.74	57	--	4H	3W	
29.57	32.61	3.04	2.8	92	0.65	21	--	3H	2W	
32.61	35.66	3.05	3.03	99	1.60	52	--	3H	3W	
35.66	38.71	3.05	2.99	98	1.35	44	--	3H	2W	
38.71	41.76	3.05	3.05	100	1.31	43	--	4H	2W	
41.76	44.81	3.05	3	98	2.47	81	--	4H	2W	
44.81	47.85	3.04	3.04	100	1.99	65	--	4H	2W	
47.85	50.90	3.05	2.9	95	2.09	69	--	4H	2W	
50.90	53.95	3.05	3.05	100	1.89	62	--	4H	2W	
53.95	57.00	3.05	3.05	100	1.76	58	--	4H	2W	
57.00	60.05	3.05	3.05	100	2.12	70	--	4H	2W	
60.05	63.09	3.04	2.98	98	1.78	59	--	4H	2W	
63.09	66.14	3.05	3.02	99	1.93	63	--	4H	2W	
66.14	69.19	3.05	2.99	98	2.58	85	--	4H	2W	
69.19	72.24	3.05	3.04	100	2.77	91	--	3H	2W	
72.24	75.29	3.05	3.05	100	2.48	81	--	3H	1W	
75.29	78.33	3.04	3.04	100	2.17	71	--	3H	1W	
78.33	81.38	3.05	3.03	99	1.12	37	--	3H	1W	
81.38	84.43	3.05	2.92	96	1.81	59	--	3H	1W	
84.43	87.48	3.05	3.05	100	2.08	68	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.88	94	1.44	47	--	3H	4W	
90.53	93.58	3.05	2.9	95	0.93	30	--	3H	1W	
93.58	96.62	3.04	2.9	95	1.70	56	--	4H	1W	
96.62	99.67	3.05	2.91	95	1.45	48	--	3H	1W	
99.67	102.72	3.05	2.82	92	2.07	68	--	4H	1W	
102.72	105.77	3.05	2.73	90	1.39	46	--	3H	1W	
105.77	108.81	3.04	2.96	97	2.34	77	--	4H	1W	
108.81	111.86	3.05	2.95	97	2.08	68	--	3H	1W	
111.86	114.91	3.05	3.05	100	2.38	78	--	3H	1W	
114.91	117.96	3.05	3.05	100	2.76	90	--	4H	1W	
117.96	121.01	3.05	3.05	100	2.34	77	--	3H	1W	
121.01	124.05	3.04	2.96	97	1.54	51	--	3H	1W	
124.05	127.10	3.05	3.05	100	2.42	79	--	3H	1W	
127.10	130.15	3.05	2.98	98	2.70	89	--	3H	1W	
130.15	133.20	3.05	2.75	90	2.27	74	--	3H	1W	
133.20	136.24	3.04	3.02	99	2.59	85	--	3H	1W	
136.24	139.29	3.05	2.77	91	0.70	23	--	3H	1W	
139.29	142.34	3.05	2.71	89	1.50	49	--	2H	1W	
142.34	145.39	3.05	2.94	96	1.09	36	--	2H	1W	
145.39	148.44	3.05	2.84	93	1.88	62	--	3H	1W	
148.44	151.49	3.05	2.96	97	2.11	69	--	3H	1W	
151.49	154.53	3.04	2.98	98	2.45	81	--	2H	1W	
154.53	157.58	3.05	2.9	95	2.13	70	--	3H	1W	
157.58	160.63	3.05	2.75	90	1.41	46	--	3H	1W	
160.63	163.68	3.05	2.95	97	1.00	33	--	3H	1W	
163.68	166.73	3.05	3.02	99	2.73	90	--	3H	1W	
166.73	169.78	3.05	2.68	88	0.95	31	--	3H	1W	
169.78	172.82	3.04	3.04	100	1.67	55	--	3H	1W	
172.82	175.87	3.05	3.05	100	2.79	91	--	3H	1W	
175.87	178.92	3.05	3.05	100	1.88	62	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.19	GRD	
6	4.18	GRD	
7	0.358	GRD	
8	4.6	GRD	
9	16.6	GRD	
10	17.4	GRD	
11	8.87	GRD	
12	15	GRD	
13	10.9	GRD	
14	15.4	GRD	
15	10.06	GRD	
16	1.102	GRD	
17	0.377	GRD	
18	4.31	GRD	
19	15	GRD	
20	12.3	GRD	
21	14.5	GRD	
22	15.6	GRD	
23	17.7	GRD	
24	16.2	GRD	
25	14.2	GRD	
26	17.4	GRD	
27	18.2	GRD	
28	14.8	GRD	
29	15	GRD	
30	9.84	GRD	
31	5.57	GRD	
32	0.917	GRD	
33	0.293	GRD	
34	0.062	GRD	
35	12.5	GRD	
36	1.81	GRD	
37	0.188	GRD	
38	5.32	GRD	
39	0.19	GRD	
40	0.138	GRD	
41	1.8	GRD	
42	0.196	GRD	
43	4.29	GRD	
44	5.78	GRD	
45	10.6	GRD	
46	7	GRD	
47	6.23	GRD	
48	0.166	GRD	
49	3.82	GRD	
50	8.97	GRD	
51	1.57	GRD	
52	1.83	GRD	
53	0.515	GRD	
54	0.162	GRD	
55	0.102	GRD	
56	0.119	GRD	
57	0.134	GRD	
58	0.143	GRD	
59	0.35	GRD	
60	0.684	GRD	
61	0.322	GRD	
62	0.353	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	4.98	GRD	
64	10.8	GRD	
65	7.22	GRD	
66	10.1	GRD	
67	0.096	GRD	
68	3.96	GRD	
69	3.78	GRD	
70	1.16	GRD	
71	0.384	GRD	
72	0.306	GRD	
73	7.77	GRD	
74	0.317	GRD	
75	0.245	GRD	
76	0.345	GRD	
77	0.191	GRD	
78	0.218	GRD	
79	0.144	QFP	
80	0.13	QFP	
81	0.961	GRD	
82	3.6	GRD	
83	1.98	GRD	
84	4.17	GRD	
85	8.2	GRD	
86	7.76	GRD	
87	4.36	GRD	
88	0.381	GRD	
89	0.173	GRD	
90	0.566	GRD	
91	0.285	GRD	
92	1.4	GRD	
93	0.998	GRD	
94	16.82	GRD	
95	14.64	GRD	
96	2.974	GRD	
97	0.412	GRD	
98	14.35	GRD	
99	15.37	GRD	
100	17.24	GRD	
101	13.94	GRD	
102	0.552	GRD	
103	2.13	GRD	
104	2.15	GRD	
105	14.88	GRD	
106	10.39	GRD	
107	17.57	GRD	
108	13.46	GRD	
109	0.319	GRD	
110	0.556	GRD	
111	0.77	GRD	
112	0.209	GRD	
113	0.169	GRD	
114	0.281	GRD	
115	9.61	GRD	
116	9.68	GRD	
117	4.52	GRD	
118	1.651	GRD	
119	3.3	GRD	
120	0.251	GRD	
121	0.137	GRD	
122	0.398	GRD	
123	3.3	GRD	
124	5.685	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	0.412	GRD	
126	7.55	GRD	
127	18.38	GRD	
128	0.796	GRD	
129	0.466	GRD	
130	1.63	GRD	
131	0.596	GRD	
132	0.603	GRD	
133	0.442	GRD	
134	10.33	GRD	
135	0.294	GRD	
136	17.23	GRD	
137	2.08	GRD	
138	6.93	GRD	
139	14.16	GRD	
140	9.75	GRD	
141	0.53	GRD	
142	10.34	GRD	
143	11.25	GRD	
144	0.534	GRD	
145	0.26	GRD	
146	0.26	GRD	
147	0.154	GRD	
148	0.345	GRD	
149	0.161	GRD	
150	0.223	GRD	
151	0.768	GRD	
152	0.377	GRD	
153	0.304	GRD	
154	14.28	GRD	
155	13.79	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
156	13.83	GRD	
157	11.62	GRD	
158	1.562	GRD	
159	16.3	GRD	
160	12.4	GRD	
161	3.74	GRD	
162	14.5	GRD	
163	11.2	GRD	
164	1.56	GRD	
165	0.581	GRD	
166	0.971	GRD	
167	0.884	GRD	
168	0.284	GRD	
169	0.329	GRD	
170	0.143	GRD	
171	0.364	GRD	
172	1.3	GRD	
173	0.877	GRD	
174	7.16	GRD	
175	16.3	GRD	
176	22.6	GRD	
177	25.4	GRD	
178	22.7	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382274	6890614	1310.1	328.27

ZONE: Western Klaza

SECTION:

HOLE: KL-14-224

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth: 3.05m, Out

Drilling Dates: Aug 15 - Aug 18, 2014

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
23.46	4.89	-25.2	Reflex
328.26	351.3	-24	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.05	3.05	CAS
3.05	46.44	43.39	GRD
46.44	51.2	4.76	GRD
51.2	57.7	6.5	GRD
57.7	122.74	65.04	GRD
122.74	124.97	2.23	GRD
124.97	127.76	2.79	GRD
127.76	128.9	1.14	GRD
128.9	131.5	2.6	GRD
131.5	135.62	4.12	GRD
135.62	158.76	23.14	GRD
158.76	173.74	14.98	QFP
173.74	177.3	3.56	GRD
177.3	188.15	10.85	GRD
188.15	192.74	4.59	GRD
192.74	194.16	1.42	GRD

SAMPLES	
Numbers:	Q934019 to Q934050, Q934901 to Q935031
Total:	172
Batch:	168, 172, 173, 174, 177, 179
Certificates:	WH14125366, WH14126980, WH14126981, WH14126982, WH14126984, WH14126986, WH14136716

COMMENTS

194.16	194.94	0.78	GRD
194.94	197	2.06	GRD
197	200.2	3.2	GRD
200.2	207.25	7.05	GRD
207.25	213.05	5.8	GRD
213.05	215.77	2.72	GRD
215.77	219.85	4.08	GRD
219.85	222.16	2.31	GRD
222.16	222.78	0.62	BXA
222.78	224.93	2.15	GRD
224.93	251.32	26.39	GRD
251.32	252.07	0.75	GRD
252.07	253.12	1.05	QFP
253.12	254.93	1.81	GRD
254.93	257.38	2.45	GRD
257.38	298.84	41.46	GRD
298.84	301.18	2.34	GRD
301.18	328.27	27.09	GRD

Box Log

KL-14-224

Klaza
stern Klaza Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.05	5.78
2	5.78	8.8
3	8.8	12.12
4	12.12	15.1
5	15.1	18.18
6	18.18	20.7
7	20.7	23.78
8	23.78	26.69
9	26.69	29.67
10	29.67	33.18
11	33.18	35.9
12	35.9	38.85
13	38.85	42.01
14	42.01	45.02
15	45.02	48.13
16	48.13	50.9
17	50.9	52.87
18	52.87	57
19	57	60.05
20	60.05	63.09
21	63.09	66.39
22	66.39	69.47
23	69.47	72.58
24	72.58	74.7
25	74.7	77.79
26	77.79	80.9
27	80.9	83.81
28	83.81	87.1
29	87.1	90.41
30	90.41	93.31
31	93.31	96.13
32	96.13	98.91
33	98.91	102
34	102	104.84
35	104.84	107.76
36	107.76	110.28
37	110.28	113.16
38	113.16	116.27
39	116.27	119.17
40	119.17	122.3
41	122.3	125.6
42	125.6	128.67
43	128.67	131.95
44	131.95	135.8
45	135.8	139
46	139	142.89
47	142.89	145.39
48	145.39	148.69
49	148.69	151.86
50	151.86	154.87
51	154.87	157.96
52	157.96	161.46
53	161.46	164.2
54	164.2	167.14
55	167.14	170.13
56	170.13	173.34
57	173.34	176.24
58	176.24	179.25
59	179.25	182.28
60	182.28	185.29
61	185.29	187.89
62	187.89	190.83
63	190.83	193.86
64	193.86	196.71
65	196.71	199.56
66	199.56	202.26
67	202.26	205.22
68	205.22	208.6
69	208.6	211.74
70	211.74	214.84
71	214.84	218
72	218	221.11
73	221.11	224.2
74	224.2	227.56
75	227.56	230.73
76	230.73	233.98
77	233.98	237.3
78	237.3	240.51
79	240.51	243.62
80	243.62	246.9
81	246.9	250
82	250	253.25
83	253.25	256.4
84	256.4	259.8
85	259.8	262.91
86	262.91	266.15
87	266.15	269.32
88	269.32	272.95
89	272.95	275.42
90	275.42	278.55

Box Number	From (m)	To (m)
91	278.55	281.51
92	281.51	284.6
93	284.6	287.61
94	287.61	290.47
95	290.47	293.4
96	293.4	296.34
97	296.34	299.38
98	299.38	302.63
99	302.63	305.88
100	305.88	308.81
101	308.81	311.98
102	311.98	315.3
103	315.3	318.6
104	318.6	321.58
105	321.58	324.74
106	324.74	327.88
107	327.88	328.27

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-224									
	95.84		HQ	GRD	927.2	585.1	2.77	2.7	Black smokey quartz breccia with sand to blebby sized clasts. 60% subangular granodiorite clasts. Disseminated pyrite in smokey quartz.
	222.4	9.1	HQ	BXA	750.1	474.4	2.82	2.7	Strongly silicified, phyllic/propyllitic altered granodiorite brecciated by grey-Smokey quartz. Quartz breccia is brecciated by white carbonate. Quartz hosts disseminated pyrite.
	251.58	5.5	HQ	GRD	550.5	381.9	3.42	3.3	Grey to smokey quartz vein hosting disseminated to blebby pyrite, sphalerite galena and arsenopyrite. A light tan ankerite veinlet cuts the vein parallel to vein orientation.
	300.1	7.4	HQ	GRD	674	447.9	3.12	3.0	Grey to smokey quartz vein with interstitial white carbonate. Hosts disseminated to blebby pyrite, sphalerite, galena and disseminated arsenopyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.05	10.73	7.68	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fractures surfaces.							
						MD	OR		OXI	3I		
						MD	GY		POT	1I		
						LT	GY		PRO	1I		
10.73	21.00	10.27	GRD	MG	Pervasive moderate to strongly oxidized alternating patches of potassic overprinted argillic alteration and moderately silicified phyllic alteration. Oxidation obscure rock textures.							
						MD	OR	PA	OXI	3I		
						MD	GY		OXI	4I		
						MD	GN		POT	2I		
									PHC	3I		
									PRO	3I		
									ARG	3I		
21.00	26.88	5.88	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fractures surfaces.							
						MD	OR		OXI	3I		
						MD	GY		POT	1I		
						LT	GY		PRO	1I		
26.88	31.67	4.79	GRD	MG	Pervasively strongly oxidized moderately silicified phyllic altered granodiorite. Oxidation obscures rock textures.							
									SIL	3I		
									OXI	4I		
									PHC	3I		
31.67	34.38	2.71	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fractures surfaces.							
						MD	OR		OXI	3I		
						MD	GY		POT	1I		
						LT	GY		PRO	1I		
34.38	34.68	0.30	GRD	MG	Moderately silicified phyllic envelope around a quartz/carbonate vein. Oxidation along fracture surfaces.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		SIL	3I		
						LT	GN	EN	PHC	3I		
									OXI	3I		
34.68	37.40	2.72	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fractures surfaces.							
						MD	GY		POT	1I		
						MD	OR		OXI	3I		
						LT	GY		PRO	1I		
37.40	40.17	2.77	GRD	MG	Pervasive moderate to strongly oxidized alternating patches of potassic overprinted argillic alteration and moderately silicified phyllic alteration. Oxidation obscure rock textures. Phyllic alteration hosts multiple quartz/carbonate veins.							
						MD	OR		OXI	3I		
						MD	GY		OXI	4I		
						MD	GN		POT	2I		
									ARG	3I		
									PHC	3I		
									PRO	3I		
40.17	42.00	1.83	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fractures surfaces.							
						MD	GY		POT	1I		
						MD	OR		OXI	3I		
						LT	GY		PRO	1I		
42.00	44.81	2.81	GRD	MG	Pervasive moderate to strongly oxidized alternating patches of potassic overprinted argillic alteration and moderately silicified phyllic alteration. Oxidation obscure rock textures. Phyllic alteration hosts multiple quartz/carbonate veins.							
						MD	OR		OXI	3I		
						MD	GY		OXI	4I		
						MD	GN		POT	2I		
									PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	3I		
									PHC	3I		
44.81	46.44	1.63	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fractures surfaces.							
						MD	OR		OXI	3I		
						MD	GY		POT	1I		
						LT	GY		PRO	1I		
46.44	51.20	4.76	GRD	MG	Moderately silicified phyllic altered granodiorite. Moderate to strong oxidation along fracture surfaces and patchy strong pervasive oxidation. Hosts multiple quartz carbonate veins.							
						MD	OR		PHC	3I		
						MD	GY		SIL	3I		
						MD	GN		OXI	3I		
									OXI	4I		
51.20	57.23	6.03	GRD	MG	Moderately argillic altered granodiorite with patchy potassic and propyllitic/potassic overprints. Moderate oxidation along fracture surfaces.							
						MD	PK		POT	2I		
						LT	WH	PA	ARG	3I		
						DK	GN		PRO	2I		
									POT	3I		
									OXI	3I		
57.23	57.57	0.34	GRD	MG	Moderate phyllic envelope around quartz/carbonate veining. Oxidation along fracture surfaces.							
						MD	OR		PHC	3I		
						LT	GN	EN	OXI	3I		
57.57	57.70	0.13	GRD	MG	Moderately argillic altered granodiorite with patchy potassic and propyllitic/potassic overprints. Moderate oxidation along fracture surfaces.							
						MD	PK		POT	2I		
						LT	WH	PA	ARG	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									OXI	3I		
									POT	3I		
57.70	67.54	9.84	GRD	MG	Weak potassic /propyllitic altered granodiorite. Moderately silicified. Weak to moderate oxidation along fracture surfaces. Sporadic small phyllic envelopes around quartz/carbonate veinlets. Weak to moderate oxidation along fracture surfaces.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						MD	OR		OXI	2I		
						DK	GN		PRO	2I		
									OXI	3I		
67.54	69.61	2.07	GRD	MG	Moderately silicified phyllic altered granodiorite. Hosts multiple quartz/carbonate +/- pyrite veins.							
						LT	GN		SIL	3I		
									PHC	3I		
69.61	74.86	5.25	GRD	MG	Alternating patches of moderately silicified propyllitic alteration and potassic/propyllitic overprinted argillic alteration.							
						MD	PK		PRO	3I		
						LT	GY	PA	SIL	3I		
						LT	WH		POT	2I		
						DK	GN		PRO	2I		
									ARG	3I		
74.86	77.12	2.26	GRD	MG	Moderately silicified phyllic/propyllitic altered granodiorite. Hosts multiple quartz/carbonate veins. Transitions to potassic/propyllitic overprinted argillic alteration distally from veins.							
						MD	PK		PRO	3I		
						LT	WH		ARG	3I		
						LT	GN		SIL	3I		
						DK	GN		PHC	3I		
									POT	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
77.12	95.60	18.48	GRD	MG	Weak potassic /propyllitic altered granodiorite. Moderately silicified. Weak to moderate oxidation along fracture surfaces. Sporadic small phyllic envelopes around quartz/carbonate veinlets.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
95.60	96.46	0.86	GRD	MG	Moderately silicified phyllic/propyllitic altered granodiorite hosting disseminated pyrite. Hosts two smokey quartz breccias.							
						LT	GN		SIL	3I		
						DK	GN		PHC	3I		
									PRO	3I		
96.46	97.79	1.33	GRD	MG	Moderate potassic/propyllitic altered granodiorite with patchy potassic overprinted argillic alteration.							
						MD	PK	PA	POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
97.79	103.40	5.61	GRD	MG	Weak potassic /propyllitic altered granodiorite. Moderately silicified. Weak to moderate oxidation along fracture surfaces. Sporadic small phyllic envelopes around quartz/carbonate veinlets.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
103.40	104.70	1.30	GRD	MG	Moderately silicified phyllic envelope around multiple quartz +/- carbonate veins.							
						LT	GN	EN	PHC	3I		
									SIL	3I		
104.70	122.74	18.04	GRD	MG	Weak potassic /propyllitic altered granodiorite. Moderately silicified. Weak to moderate oxidation along fracture surfaces. Sporadic small phyllic envelopes around quartz/carbonate veinlets.							
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
122.74	124.97	2.23	GRD	MG	Moderate potassic overprinted moderate argillic alteration with patchy moderate propyllitic alteration.							
						MD	PK	PA	POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
124.97	127.76	2.79	GRD	MG	Moderately silicified moderate phyllic altered granodiorite with patchy weak propyllitic alteration. Hosts multiple quartz/carbonate +/- pyrite veins.							
						LT	GN	PA	SIL	3I		
						DK	GN		PHC	3I		
									PRO	2I		
127.76	128.90	1.14	GRD	MG	Alternating patches of weak to moderate potassic/propyllitic alteration and potassic/propyllitic overprinted argillic alteration.							
						MD	PK	PA	POT	2I		
						MD	GY		PRO	2I		
						LT	WH		PRO	3I		
						DK	GN		POT	3I		
									ARG	3I		
128.90	131.50	2.60	GRD	MG	Moderately silicified moderate phyllic altered granodiorite with patchy weak propyllitic alteration. Hosts multiple quartz/carbonate +/- pyrite veins.							
						LT	GN		SIL	3I		
						DK	GN		PHC	3I		
									PRO	2I		
131.50	135.62	4.12	GRD	MG	Alternating patches of phyllic alteration, potassic overprinted argillic alteration and weak potassic/propyllitic alteration.							
						MD	GY		PRO	2I		
						MD	PK		ARG	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN					
135.62	144.39	8.77	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
144.39	146.87	2.48	GRD	MG	Three quartz/carbonate veins with phyllic envelopes. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from veins.							
						MD	PK		PRO	2I		
						LT	GN	EN	PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		POT	2I		
146.87	149.32	2.45	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
149.32	150.30	0.98	GRD	MG	Moderately phyllic altered granodiorite with patchy weak propyllitic alteration. Hosts multiple quartz carbonate veinlets.							
						LT	GN	PA	PHC	3I		
						DK	GN		PRO	2I		
150.30	158.76	8.46	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
158.76	160.21	1.45	QFP	FG	Dark red quartz feldspar porphyry with tan patches.							
						MD	TN					
						DK	RD	PO				
160.21	166.50	6.29	QFP	FG	Grey/green quartz feldspar porphyry dyke.							
						MD	GY	PO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN					
166.50	168.60	2.10	QFP	FG	Dark red quartz feldspar porphyry dyke with elongated and a preferential orientation of phenocrysts oriented at 45 TCA.							
						DK	RD					
168.60	169.27	0.67	QFP	FG	Grey/green quartz feldspar porphyry dyke.							
						MD	GY	PO				
						MD	GN					
169.27	169.42	0.15	GRD	MG	Interfingering of weak gouge altered strong propyllitic altered granodiorite.							
						MD	GY					
						DK	GN					
169.42	171.00	1.58	QFP	FG	Grey/green quartz feldspar porphyry dyke.							
						MD	GY	PO				
						MD	GN					
171.00	173.74	2.74	QFP	FG	Dark red quartz feldspar porphyry dyke with tan patches.							
						MD	TN					
						DK	RD					
173.74	177.30	3.56	GRD	MG	Weak to moderate potassic/propyllitic overprinted argillic alteration with patchy moderate silica/phyllic and moderate to strong hematization.							
						MD	GY		POT	3I		
						LT	WH	PA	POT	2I		
						DK	GN		PRO	3I		
						DK	RD		PRO	2I		
									ARG	3I		
									HEM	3I		
									HEM	4I		
177.30	188.15	10.85	GRD	MG	Strongly silicified, patchy weak to moderate hematization and propyllitic altered granodiorite.							
						MD	GY		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	RD	PA	HEM	2I		
						DK	GN		HEM	3I		
									PRO	2I		
									SIL	4I		
188.15	192.74	4.59	GRD	MG	Strongly silicified, moderate potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	4I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
192.74	194.16	1.42	GRD	MG	Strongly silicified, moderate phyllic/propyllitic altered granodiorite. Silicification partially obliterates rock textures.							
						MD	GN		SIL	4I	Py	1
						DK	GN		PHC	3I	He	3
									PRO	3I		
194.16	194.94	0.78	GRD	MG	Strongly silicified, moderate potassic/propyllitic altered granodiorite.							
						MD	PK		POT	3I		
						MD	GY		SIL	4I		
						DK	GN		PRO	3I		
194.94	197.00	2.06	GRD	MG	Strongly silicified, moderate phyllic/propyllitic altered granodiorite. Silicification partially obliterates rock textures. Hosts blebby hematite and disseminated pyrite.							
						MD	GN		SIL	4I	Py	1
						DK	GN		PHC	3I	He	3
									PRO	3I		
197.00	200.20	3.20	GRD	MG	Strongly silicified moderately phyllic/propyllitic altered granodiorite with patches of gouge alteration.							
						MD	GY		PRO	3I		
						LT	GN	PA	SIL	4I		
						DK	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
200.20	207.25	7.05	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy moderate propyllitic alteration and patches of silicified weak potassic/propyllitic altered granodiorite and weak potassic/propyllitic cover printed argillic alteration.							
						MD	PK		POT	2I		
						MD	GY		PRO	2I		
						LT	GN		PHC	3I		
						LT	WH		PRO	3I		
						DK	GN	PA	SIL	3I		
207.25	213.05	5.80	GRD	MG	Alternating patches of moderate potassic/propyllitic alteration, weak potassic/propyllitic overprinted argillic alteration and moderately silicified propyllitic alteration. Has patchy moderate hematization.							
						MD	PK	PA	POT	3I		
						MD	GY		PRO	2I		
						LT	WH		POT	2I		
						DK	GN		PRO	3I		
						DK	RD		ARG	3I		
213.05	215.77	2.72	GRD	MG	Moderately silicified, weak to moderate potassic/propyllitic altered granodiorite. Moderate hematization along fracture surfaces.							
						MD	GY		SIL	3I		
						MD	PK		POT	3I		
						DK	GN		POT	2I		
						DK	RD		PRO	2I		
									PRO	3I		
									HEM	3I		
215.77	219.85	4.08	GRD	MG	Alternating patches of moderate potassic/propyllitic alteration, weak potassic/propyllitic overprinted argillic alteration and moderately silicified propyllitic alteration. Has patchy moderate hematization.							
						MD	PK	PA	POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	2I		
						LT	WH		POT	2I		
						DK	GN		PRO	3I		
						DK	RD		ARG	3I		
219.85	222.16	2.31	GRD	MG	Moderate to strongly silicified, moderate phyllic/propyllitic altered granodiorite hosts disseminated to blebby pyrite. Silicification partially obliterates rock textures.							
						MD	GN		SIL	4I		
						MD	GY		SIL	3I	Py	1
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
222.16	222.78	0.62	GRD	MG	Strongly silicified, phyllic/propyllitic altered granodiorite brecciated by grey-Smokey quartz. Quartz breccia is brecciated by white carbonate. Quartz hosts disseminated pyrite.							
								BX	SIL	4I	Py	1
									PHC	3I		
									PRO	3I		
222.78	224.93	2.15	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins. Phyllic alteration transitions to patchy potassic/argillic and potassic/propyllitic alteration distally from veins and breccia.							
						MD	PK		POT	2I		
						LT	GN	PA	SIL	3I		
						LT	WH		PRO	3I		
						DK	GN		PRO	2I		
									PHC	3I		
224.93	251.32	26.39	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 white carbonate veinlet per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
251.32	252.07	0.75	GRD	MG	Moderately silicified moderate to strong phyllic altered granodiorite with patches of moderate propyllitic alteration. Hosts disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	SIL	3I	Py	1
						MD	GY		PRO	3I		
						LT	GN		PHC	3I		
						DK	GN		PHC	4I		
252.07	253.12	1.05	QFP	FG	Dark red quartz feldspar porphyry dyke. Dyke transitions to light tan proximal to the dyke contacts. Upper contact is sharp and oriented at 70 TCA. Lower contact id gouge and oriented at ~80 TCA.							
						LT	TN					
						DK	RD	PO				
253.12	254.93	1.81	GRD	MG	Moderately silicified moderate to strong phyllic altered granodiorite with patches of moderate propyllitic alteration. Hosts disseminated pyrite.							
						MD	GN	PA	SIL	3I	Py	1
						MD	GY		PRO	3I		
						LT	GN		PHC	3I		
						DK	GN		PHC	4I		
254.93	257.38	2.45	GRD	MG	Potassic/propyllitic overprinted argillic alteration with small moderate phyllic envelopes around carbonate +/- quartz veins and veinlets.							
						MD	PK		PRO	2I		
						LT	WH	EN	POT	2I		
						LT	GN		PHC	3I		
						DK	GN		ARG	3I		
257.38	262.91	5.53	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 white carbonate veinlet per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
262.91	263.77	0.86	GRD	MG	Moderately silicified moderate to strong phyllic altered granodiorite with patches of moderate propyllitic alteration. Hosts disseminated pyrite.							
						MD	GN	PA	SIL	3I		
						MD	GY		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	3I		
						DK	GN		PHC	4I		
263.77	268.10	4.33	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 white carbonate veinlet per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
268.10	270.05	1.95	GRD	MG	Moderately phyllic altered granodiorite with patchy weak potassic alteration. Hosts multiple quartz +/- carbonate veins/veinlets.							
						MD	GN	PA	POT	2I		
						MD	PK					
						LT	GN		PHC	3I		
270.05	283.37	13.32	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 white carbonate veinlet per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
283.37	286.33	2.96	GRD	MG	Moderately phyllic altered granodiorite with patchy weak potassic alteration. Host multiple quartz +/- carbonate veins and veinlets.							
						MD	PK		POT	2I		
						MD	GN					
						LT	GN	PA	PHC	3I		
286.33	288.37	2.04	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 white carbonate veinlet per meter.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
288.37	291.77	3.40	GRD	MG	Moderately silicified phyllic granodiorite with patchy weak to moderate propyllitic alteration. Hosts a quartz pyrite vein and two quartz/carbonate/sulphide.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	3I		
						LT	GY		PRO	2I		
									PRO	3I		
291.77	298.84	7.07	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 white carbonate veinlet per meter.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
298.84	301.18	2.34	GRD	MG	Moderately silicified, moderate phyllic alteration with patchy propyllitic alteration. Strongly silicified/phyllic envelope around a polymetallic quartz vein. Gouge alteration. Hosts multiple quartz veins/breccias. Strong phyllic alteration hosts disseminated pyrite.							
						MD	GY		PHC	3I		
						MD	GN		PHC	4I		
						LT	GN	PA	SIL	3I	Py	1
									PRO	3I		
301.18	328.27	27.09	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration. ~1-3 white carbonate veinlets per meter.							
						MD	GY	PA	SIL	3I		
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.05	46.44	43.39	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate oxidation along fractures surfaces.							
						LT	GY		PRO	1I		
						MD	OR		OXI	3I		
						MD	GY		POT	1I		
46.44	51.20	4.76	GRD	MG	Moderately silicified phyllic altered granodiorite. Moderate to strong oxidation along fracture surfaces and patchy strong pervasive oxidation. Hosts multiple quartz carbonate veins.							
						MD	OR		PHC	3I		
						MD	GY		SIL	3I		
									OXI	4I		
						MD	GN		OXI	3I		
51.20	57.70	6.50	GRD	MG	Moderately argillic altered granodiorite with patchy potassic and propyllitic/potassic overprints. Moderate oxidation along fracture surfaces.							
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									POT	3I		
									OXI	3I		
						LT	WH	PA	ARG	3I		
57.70	122.74	65.04	GRD	MG	Weak potassic /propyllitic altered granodiorite. Moderately silicified. Weak to moderate oxidation along fracture surfaces. Oxidation disappears 10m from the start of interval. Sporadic small phyllic envelopes around quartz/carbonate veinlets.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
122.74	124.97	2.23	GRD	MG	Moderate potassic overprinted moderate argillic alteration with patchy moderate propyllitic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK	PA	POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
124.97	127.76	2.79	GRD	MG	Moderately silicified moderate phyllic altered granodiorite with patchy weak propyllitic alteration. Hosts multiple quartz/carbonate +/- pyrite veins.							
									PRO	2I		
						DK	GN		PHC	3I		
						LT	GN	PA	SIL	3I		
127.76	128.90	1.14	GRD	MG	Alternating patches of weak to moderate potassic/propyllitic alteration and potassic/propyllitic overprinted argillic alteration.							
						LT	WH		PRO	3I		
						MD	PK	PA	POT	2I		
						DK	GN		POT	3I		
									ARG	3I		
						MD	GY		PRO	2I		
128.90	131.50	2.60	GRD	MG	Moderately silicified moderate phyllic altered granodiorite with patchy weak propyllitic alteration. Hosts multiple quartz/carbonate +/- pyrite veins.							
									PRO	2I		
						DK	GN		PHC	3I		
						LT	GN		SIL	3I		
131.50	135.62	4.12	GRD	MG	Alternating patches of phyllic alteration, potassic overprinted argillic alteration and weak potassic/propyllitic alteration.							
						LT	GN	PA	PHC	3I		
						MD	PK		ARG	3I		
						LT	WH		POT	2I		
						MD	GY		PRO	2I		
						DK	GN					
135.62	158.76	23.14	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PRO	2I		
						MD	GY		SIL	3I		
158.76	173.74	14.98	QFP	FG	Quartz feldspar porphyry with patches of dark red, tan, grey/green dyke. Sporadic white carbonate veinlets. Upper contact is rubbly, no angle. Lower contact in secondary structures.							
						MD	GN					
						DK	RD	PA				
						MD	TN	PO				
						MD	GY					
173.74	177.30	3.56	GRD	MG	Weak to moderate potassic/propyllitic overprinted argillic alteration with patchy moderate silica/phyllic and moderate to strong hematization.							
									HEM	4I		
						LT	WH	PA	POT	2I		
						MD	GY		POT	3I		
						DK	RD		PRO	2I		
						DK	GN		PRO	3I		
									ARG	3I		
									HEM	3I		
177.30	188.15	10.85	GRD	MG	Strongly silicified, patchy weak to moderate hematization and propyllitic altered granodiorite.							
									SIL	4I		
									PRO	2I		
						MD	GY		PRO	3I		
						DK	GN		HEM	3I		
						DK	RD	PA	HEM	2I		
188.15	192.74	4.59	GRD	MG	Strongly silicified, moderate potassic/propyllitic altered granodiorite.							
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
						MD	GY		SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
192.74	194.16	1.42	GRD	MG	Strongly silicified, moderate phyllic/propyllitic altered granodiorite. Silicification partially obliterates rock textures. Hosts blebby hematite and disseminated pyrite.							
						MD	GN		SIL	4I	Py	1
									PRO	3I		
						DK	GN		PHC	3I	He	3
194.16	194.94	0.78	GRD	MG	Strongly silicified, moderate potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	4I		
						MD	PK		POT	3I		
						DK	GN		PRO	3I		
194.94	197.00	2.06	GRD	MG	Strongly silicified, moderate phyllic/propyllitic altered granodiorite. Silicification partially obliterates rock textures. Hosts blebby hematite and disseminated pyrite.							
						DK	GN		PHC	3I	He	3
						MD	GN		SIL	4I	Py	1
									PRO	3I		
197.00	200.20	3.20	GRD	MG	Strongly silicified moderately phyllic/propyllitic altered granodiorite with patches of gouge alteration.							
						MD	GY		PRO	3I		
						DK	GN		PHC	3I		
						LT	GN	PA	SIL	4I		
200.20	207.25	7.05	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy moderate propyllitic alteration and patches of silicified weak potassic/propyllitic altered granodiorite and weak potassic/propyllitic cover printed argillic alteration.							
						DK	GN	PA	SIL	3I		
						LT	GN		PHC	3I		
						LT	WH		PRO	3I		
						MD	PK		POT	2I		
						MD	GY		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
207.25	213.05	5.80	GRD	MG	Alternating patches of moderate potassic/propyllitic alteration, weak potassic/propyllitic overprinted argillic alteration and moderately silicified propyllitic alteration. Has patchy moderate hematization.							
						DK	GN		PRO	3I		
						LT	WH		POT	2I		
						MD	GY		PRO	2I		
						MD	PK	PA	POT	3I		
						DK	RD		ARG	3I		
213.05	215.77	2.72	GRD	MG	Moderately silicified, weak to moderate potassic/propyllitic altered granodiorite. Moderate hematization along fracture surfaces.							
									HEM	3I		
									PRO	3I		
						DK	RD		PRO	2I		
						MD	PK		POT	3I		
						DK	GN		POT	2I		
						MD	GY		SIL	3I		
215.77	219.85	4.08	GRD	MG	Alternating patches of moderate potassic/propyllitic alteration, weak potassic/propyllitic overprinted argillic alteration and moderately silicified propyllitic alteration. Has patchy moderate hematization.							
						DK	RD		ARG	3I		
						MD	GY		PRO	2I		
						LT	WH		POT	2I		
						MD	PK	PA	POT	3I		
						DK	GN		PRO	3I		
219.85	222.16	2.31	GRD	MG	Moderate to strongly silicified, moderate phyllic/propyllitic altered granodiorite hosts disseminated to blebby pyrite. Silicification partially obliterates rock textures.							
						MD	GY		SIL	3I	Py	1
						DK	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		SIL	4I		
						LT	GN		PHC	3I		
222.16	222.78	0.62	BXA	--	Strongly silicified, phyllic/propyllitic altered granodiorite brecciated by grey-Smokey quartz. Quartz breccia is brecciated by white carbonate. Quartz hosts disseminated pyrite.							
									PRO	3I		
									PHC	3I		
								BX	SIL	4I	Py	1
222.78	224.93	2.15	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple quartz/carbonate veins. Phyllic alteration transitions to patchy potassic/argillic and potassic/propyllitic alteration distally from veins and breccia.							
						LT	WH		PRO	3I		
						LT	GN	PA	SIL	3I		
									PHC	3I		
						DK	GN		PRO	2I		
						MD	PK		POT	2I		
224.93	251.32	26.39	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 white carbonate veinlet per meter.							
						DK	GN		PRO	2I		
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
251.32	252.07	0.75	GRD	MG	Moderately silicified moderate to strong phyllic altered granodiorite with patches of moderate propyllitic alteration. Hosts disseminated pyrite.							
						LT	GN		PHC	3I		
						DK	GN		PHC	4I		
						MD	GN	PA	SIL	3I	Py	1
						MD	GY		PRO	3I		
252.07	253.12	1.05	QFP	FG	Dark red quartz feldspar porphyry dyke. Dyke transitions to light tan proximal to the dyke contacts. Upper contact is sharp and oriented at 70 TCA. Lower contact id gouge and oriented at ~80 TCA.							
						LT	TN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	RD	PO				
253.12	254.93	1.81	GRD	MG	Moderately silicified moderate to strong phyllic altered granodiorite with patches of moderate propyllitic alteration. Hosts disseminated pyrite.							
						MD	GN	PA	SIL	3I	Py	1
						LT	GN		PHC	3I		
						DK	GN		PHC	4I		
						MD	GY		PRO	3I		
254.93	257.38	2.45	GRD	MG	Potassic/propyllitic overprinted argillic alteration with small moderate phyllic envelopes around carbonate +/- quartz veins and veinlets.							
						MD	PK		PRO	2I		
						DK	GN		ARG	3I		
						LT	GN		PHC	3I		
						LT	WH	EN	POT	2I		
257.38	298.84	41.46	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. ~1 white carbonate veinlet per meter.							
						DK	GN		PRO	2I		
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
298.84	301.18	2.34	GRD	MG	Moderately silicified, moderate phyllic alteration with patchy propyllitic alteration. Strongly silicified/phyllic envelope around a polymetallic quartz vein. Gouge alteration. Hosts multiple quartz veins/breccias. Strong phyllic alteration hosts disseminated pyrite.							
									PRO	3I		
						MD	GY		PHC	3I		
						MD	GN		PHC	4I		
						LT	GN	PA	SIL	3I	Py	1
301.18	328.27	27.09	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite with patchy potassic/propyllitic overprinted argillic alteration. ~1-3 white carbonate veinlets per meter.							
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
						MD	GY	PA	SIL	3I		

KL-14-224

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.05	3.05	0	0	0.00	0	--	--	--	
3.05	5.18	2.13	2.02	95	0.46	22	--	3H	2W	
5.18	8.23	3.05	2.85	93	1.19	39	--	3H	2W	
8.23	11.28	3.05	2.88	94	1.67	55	--	3H	2W	
11.28	14.33	3.05	3.05	100	1.94	64	--	2H	3W	
14.33	17.37	3.04	2.69	88	2.18	72	--	3H	3W	
17.37	20.42	3.05	2.66	87	0.58	19	--	2H	3W	
20.42	23.47	3.05	2.9	95	2.23	73	--	3H	2W	
23.47	26.52	3.05	2.71	89	1.35	44	--	3H	3W	
26.52	29.57	3.05	2.82	92	1.79	59	--	3H	4W	
29.57	32.61	3.04	2.47	81	1.49	49	--	3H	3W	
32.61	35.66	3.05	3.05	100	2.40	79	--	3H	2W	
35.66	38.71	3.05	2.98	98	1.59	52	--	3H	2W	
38.71	41.76	3.05	2.85	93	2.25	74	--	3H	2W	
41.76	44.81	3.05	2.76	90	1.78	58	--	3H	2W	
44.81	47.85	3.04	3.02	99	2.64	87	--	3H	2W	
47.85	50.90	3.05	2.97	97	1.64	54	--	3H	4W	
50.90	53.95	3.05	3.05	100	1.99	65	--	3H	3W	
53.95	57.00	3.05	2.74	90	2.18	71	--	3H	2W	
57.00	60.05	3.05	3.05	100	2.32	76	--	3H	3W	
60.05	63.10	3.05	3.02	99	2.33	76	--	4H	2W	
63.10	66.14	3.04	2.82	93	2.26	74	--	4H	2W	
66.14	69.19	3.05	2.94	96	2.48	81	--	3H	2W	
69.19	72.24	3.05	2.93	96	2.10	69	--	3H	1W	
72.24	75.29	3.05	2.92	96	1.14	37	--	3H	1W	
75.29	78.33	3.04	2.7	89	0.89	29	--	3H	1W	
78.33	81.38	3.05	2.97	97	2.48	81	--	4H	1W	
81.38	84.43	3.05	2.76	90	1.81	59	--	4H	1W	
84.43	87.48	3.05	2.98	98	2.76	90	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.65	87	1.49	49	--	4H	1W	
90.53	93.57	3.04	3	99	1.38	45	--	4H	1W	
93.57	96.62	3.05	2.86	94	1.46	48	--	4H	1W	
96.62	99.67	3.05	2.91	95	1.29	42	--	3H	1W	
99.67	102.72	3.05	3.02	99	1.87	61	--	3H	1W	
102.72	105.77	3.05	2.64	87	1.34	44	--	3H	1W	
105.77	108.81	3.04	2.56	84	0.61	20	--	3H	1W	
108.81	111.86	3.05	2.45	80	0.75	25	--	3H	1W	
111.86	114.91	3.05	2.83	93	1.44	47	--	4H	1W	
114.91	117.96	3.05	3.05	100	1.65	54	--	4H	1W	
117.96	121.01	3.05	2.64	87	1.50	49	--	4H	1W	
121.01	124.05	3.04	3.04	100	2.14	70	--	3H	1W	
124.05	127.10	3.05	3.05	100	1.11	36	--	4H	1W	
127.10	130.15	3.05	3.05	100	2.02	66	--	4H	1W	
130.15	133.20	3.05	2.94	96	1.64	54	--	3H	1W	
133.20	136.25	3.05	2.24	73	1.19	39	--	3H	1W	
136.25	139.30	3.05	3	98	2.82	92	--	3H	1W	
139.30	142.35	3.05	2.84	93	1.24	41	--	4H	1W	
142.35	145.39	3.04	3.04	100	2.56	84	--	4H	1W	
145.39	148.44	3.05	3.05	100	2.57	84	--	4H	1W	
148.44	151.49	3.05	3.01	99	1.87	61	--	4H	1W	
151.49	154.53	3.04	2.8	92	1.64	54	--	4H	1W	
154.53	157.58	3.05	2.54	83	1.18	39	--	4H	1W	
157.58	160.63	3.05	2.92	96	1.70	56	--	3H	1W	
160.63	163.68	3.05	3.02	99	2.16	71	--	3H	1W	
163.68	166.73	3.05	2.92	96	2.31	76	--	3H	1W	
166.73	169.77	3.04	3.01	99	1.71	56	--	3H	1W	
169.77	172.82	3.05	3.03	99	2.27	74	--	3H	1W	
172.82	175.87	3.05	3.01	99	1.55	51	--	2H	1W	
175.87	178.92	3.05	3.05	100	2.13	70	--	3H	1W	
178.92	181.97	3.05	2.99	98	2.44	80	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.71	89	1.46	48	--	3H	1W	
185.01	188.06	3.05	2.66	87	0.59	19	--	3H	1W	
188.06	191.11	3.05	2.91	95	1.47	48	--	4H	1W	
191.11	194.16	3.05	2.91	95	1.88	62	--	3H	1W	
194.16	197.21	3.05	2.78	91	0.82	27	--	3H	1W	
197.21	200.25	3.04	2.7	89	0.52	17	--	1H	1W	
200.25	203.30	3.05	2.79	91	1.40	46	--	2H	1W	
203.30	206.35	3.05	2.9	95	1.28	42	--	3H	1W	
206.35	209.40	3.05	2.96	97	2.05	67	--	3H	1W	
209.40	212.45	3.05	2.97	97	1.96	64	--	3H	1W	
212.45	215.49	3.04	3.04	100	2.19	72	--	4H	1W	
215.49	218.54	3.05	2.92	96	2.54	83	--	3H	1W	
218.54	221.59	3.05	2.96	97	1.84	60	--	3H	1W	
221.59	224.64	3.05	2.87	94	0.87	29	--	3H	1W	
224.64	227.69	3.05	3.03	99	2.36	77	--	4H	1W	
227.69	230.73	3.04	3.03	100	3.03	100	--	4H	1W	
230.73	233.78	3.05	3.03	99	2.38	78	--	4H	1W	
233.78	236.83	3.05	2.93	96	2.06	68	--	4H	1W	
236.83	239.88	3.05	2.83	93	1.64	54	--	4H	1W	
239.88	242.93	3.05	3.05	100	1.47	48	--	4H	1W	
242.93	245.97	3.04	3.04	100	2.53	83	--	4H	1W	
245.97	249.02	3.05	3.04	100	2.53	83	--	4H	1W	
249.02	252.07	3.05	2.96	97	2.29	75	--	3H	1W	
252.07	255.12	3.05	2.98	98	2.14	70	--	3H	1W	
255.12	258.17	3.05	3.02	99	2.57	84	--	3H	1W	
258.17	261.21	3.04	2.94	97	2.72	89	--	4H	1W	
261.21	264.26	3.05	3	98	2.28	75	--	3H	1W	
264.26	267.31	3.05	2.88	94	2.56	84	--	4H	1W	
267.31	270.35	3.04	3	99	2.78	91	--	3H	1W	
270.35	273.41	3.06	3.05	100	2.45	80	--	4H	1W	
273.41	276.45	3.04	3.04	100	2.82	93	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.45	279.50	3.05	2.55	84	1.90	62	--	3H	1W	
279.50	282.55	3.05	3.05	100	2.88	94	--	4H	1W	
282.55	285.60	3.05	3.04	100	2.69	88	--	3H	1W	
285.60	288.65	3.05	2.9	95	1.74	57	--	3H	1W	
288.65	291.69	3.04	2.98	98	2.06	68	--	3H	1W	
291.69	294.74	3.05	2.91	95	1.85	61	--	3H	1W	
294.74	297.79	3.05	2.89	95	2.36	77	--	3H	1W	
297.79	300.84	3.05	2.96	97	2.11	69	--	2H	1W	
300.84	303.89	3.05	2.97	97	1.68	55	--	3H	1W	
303.89	306.93	3.04	2.9	95	1.28	42	--	4H	1W	
306.93	309.98	3.05	3.02	99	2.46	81	--	3H	1W	
309.98	313.03	3.05	3.05	100	2.94	96	--	3H	1W	
313.03	316.08	3.05	2.99	98	2.44	80	--	3H	1W	
316.08	319.13	3.05	3.03	99	2.08	68	--	3H	1W	
319.13	322.17	3.04	3.04	100	1.60	53	--	4H	1W	
322.17	325.22	3.05	3.03	99	1.62	53	--	3H	1W	
325.22	328.27	3.05	3.05	100	0.46	15	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	9.39	GRD	
5	9.83	GRD	
6	7.89	GRD	
7	6.48	GRD	
8	6.21	GRD	
9	6.45	GRD	
10	1.14	GRD	
11	0.15	GRD	
12	0.124	GRD	
13	0.29	GRD	
14	0.29	GRD	
15	0.271	GRD	
16	0.242	GRD	
17	0.161	GRD	
18	0.212	GRD	
19	0.23	GRD	
20	0.169	GRD	
21	3.68	GRD	
22	5.59	GRD	
23	2.37	GRD	
24	3.21	GRD	
25	2.05	GRD	
26	3.48	GRD	
27	1.67	GRD	
28	0.279	GRD	
29	0.339	GRD	
30	0.22	GRD	
31	0.242	GRD	
32	1.6	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
33	2.3	GRD	
34	0.336	GRD	
35	0.409	GRD	
36	14.4	GRD	
37	5.13	GRD	
38	0.59	GRD	
39	6.02	GRD	
40	0.373	GRD	
41	8.58	GRD	
42	8.4	GRD	
43	0.262	GRD	
44	0.113	GRD	
45	1.02	GRD	
46	3.92	GRD	
47	0.237	GRD	
48	0.213	GRD	
49	0.509	GRD	
50	0.194	GRD	
51	0.34	GRD	
52	0.442	GRD	
53	0.485	GRD	
54	0.605	GRD	
55	0.184	GRD	
56	0.334	GRD	
57	0.486	GRD	
58	4.18	GRD	
59	5.4	GRD	
60	9.07	GRD	
61	20	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	19.1	GRD	
63	15.3	GRD	
64	10.7	GRD	
65	12.1	GRD	
66	1.4	GRD	
67	5.3	GRD	
68	0.255	GRD	
69	0.122	GRD	
70	0.268	GRD	
71	0.319	GRD	
72	0.198	GRD	
73	0.327	GRD	
74	0.562	GRD	
75	0.371	GRD	
76	0.26	GRD	
77	1.32	GRD	
78	0.89	GRD	
79	11.7	GRD	
80	10.4	GRD	
81	6.81	GRD	
82	17.4	GRD	
83	18.2	GRD	
84	15.07	GRD	
85	0.444	GRD	
86	13.4	GRD	
87	16.3	GRD	
88	8.84	GRD	
89	11.37	GRD	
90	0.44	GRD	
91	0.939	GRD	
92	12.1	GRD	
93	4.8	GRD	
94	1.27	GRD	
95	0.893	GRD	
96	0.311	GRD	
97	0.275	GRD	
98	0.457	GRD	
99	8.9	GRD	
100	6.23	GRD	
101	10.8	GRD	
102	1.45	GRD	
103	6.65	GRD	
104	0.316	GRD	
105	4.14	GRD	
106	4	GRD	
107	5.09	GRD	
108	1.63	GRD	
109	6.1	GRD	
110	0.262	GRD	
111	1.07	GRD	
112	12.9	GRD	
113	19.5	GRD	
114	19.5	GRD	
115	8.47	GRD	
116	18.2	GRD	
117	3.81	GRD	
118	18.9	GRD	
119	6.02	GRD	
120	10.2	GRD	
121	5.38	GRD	
122	2.7	GRD	
123	0.564	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	0.457	GRD	
125	0.248	GRD	
126	0.448	GRD	
127	0.26	GRD	
128	0.152	GRD	
129	0.216	GRD	
130	0.164	GRD	
131	0.322	GRD	
132	0.255	GRD	
133	0.388	GRD	
134	10.48	GRD	
135	0.653	GRD	
136	18.58	GRD	
137	20.3	GRD	
138	16.93	GRD	
139	21	GRD	
140	23.43	GRD	
141	4.07	GRD	
142	19.13	GRD	
143	19.93	GRD	
144	23.05	GRD	
145	2.16	GRD	
146	0.783	GRD	
147	4.82	GRD	
148	21.68	GRD	
149	6.6	GRD	
150	0.821	GRD	
151	19.13	GRD	
152	11.06	GRD	
153	6.295	GRD	
154	11.84	GRD	
155	0.528	GRD	
156	0.693	GRD	
157	6.6	GRD	
158	16.21	GRD	
159	0.315	QFP	
160	0.322	QFP	
161	0.295	QFP	
162	0.31	QFP	
163	0.21	QFP	
164	0.18	QFP	
165	0.186	QFP	
166	0.202	QFP	
167	0.293	QFP	
168	0.275	QFP	
169	0.216	QFP	
170	0.221	QFP	
171	0.194	QFP	
172	0.216	QFP	
173	0.215	QFP	
174	0.215	GRD	
175	0.321	GRD	
176	0.224	GRD	
177	0.367	GRD	
178	11	GRD	
179	4.95	GRD	
180	0.419	GRD	
181	5.47	GRD	
182	0.512	GRD	
183	0.276	GRD	
184	0.18	GRD	
185	0.362	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
186	0.259	GRD	
187	6.04	GRD	
188	0.582	GRD	
189	0.992	GRD	
190	5.01	GRD	
191	0.77	GRD	
192	0.405	GRD	
193	0.481	GRD	
194	0.399	GRD	
195	0.304	GRD	
196	0.347	GRD	
197	0.537	GRD	
197	0.537	GRD	
198	0.262	GRD	
199	0.277	GRD	
200	0.259	GRD	
201	0.213	GRD	
202	0.333	GRD	
203	2.94	GRD	
204	0.35	GRD	
205	0.178	GRD	
206	0.367	GRD	
207	0.793	GRD	
208	0.915	GRD	
209	0.568	GRD	
210	0.553	GRD	
211	0.704	GRD	
212	3.08	GRD	
213	7.312	GRD	
214	9.14	GRD	
215	12	GRD	
216	0.635	GRD	
217	0.894	GRD	
218	0.373	GRD	
219	0.585	GRD	
220	0.397	GRD	
221	0.705	GRD	
222	0.275	GRD	
223	0.235	GRD	
224	0.904	GRD	
225	5.59	GRD	
226	17	GRD	
227	10.3	GRD	
228	14.8	GRD	
229	18.1	GRD	
230	19.4	GRD	
231	17.8	GRD	
232	0.527	GRD	
233	15.06	GRD	
234	15.1	GRD	
235	12.8	GRD	
236	18	GRD	
237	0.851	GRD	
238	16.8	GRD	
239	13.7	GRD	
240	13.3	GRD	
241	6.17	GRD	
242	18.2	GRD	
243	8.12	GRD	
244	17.7	GRD	
245	6.98	GRD	
246	9.85	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
247	11	GRD	
248	19.5	GRD	
249	17.3	GRD	
250	18.6	GRD	
251	8.27	GRD	
252	0.427	GRD	
253	0.322	QFP	
254	1.2	GRD	
255	0.582	GRD	
256	0.873	GRD	
257	0.57	GRD	
258	19.1	GRD	
259	21.8	GRD	
260	19.4	GRD	
261	19.2	GRD	
262	0.539	GRD	
263	0.925	GRD	
264	21.5	GRD	
265	18.8	GRD	
266	2.68	GRD	
267	16.9	GRD	
268	3.31	GRD	
269	0.317	GRD	
270	0.325	GRD	
271	2.26	GRD	
272	10.2	GRD	
273	16.3	GRD	
274	0.548	GRD	
275	12.1	GRD	
276	17.4	GRD	
277	19.2	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
278	5.34	GRD	
279	0.859	GRD	
280	12	GRD	
281	6.37	GRD	
282	17.7	GRD	
283	17.7	GRD	
284	0.388	GRD	
285	0.256	GRD	
286	0.598	GRD	
287	17.2	GRD	
288	1.54	GRD	
289	14.6	GRD	
290	0.452	GRD	
291	0.377	GRD	
292	6.79	GRD	
293	0.409	GRD	
294	1.32	GRD	
295	0.562	GRD	
296	4.45	GRD	
297	4.728	GRD	
298	6.88	GRD	
299	0.191	GRD	
300	0.36	GRD	
301	0.43	GRD	
302	13.4	GRD	
303	18.3	GRD	
304	18.1	GRD	
305	17.2	GRD	
306	14.2	GRD	
307	17.9	GRD	
308	10.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
309	11.6	GRD	
310	19.4	GRD	
311	18.3	GRD	
312	9.98	GRD	
313	7.64	GRD	
314	0.646	GRD	
315	13.84	GRD	
316	2.407	GRD	
317	17	GRD	
318	16.6	GRD	
319	12.9	GRD	
320	13.8	GRD	
321	17.9	GRD	
322	17.8	GRD	
323	12.9	GRD	
324	13.3	GRD	
325	17.9	GRD	
326	11.4	GRD	
327	14.4	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381442	6890286	1245.92	35.94

ZONE: Exploration

SECTION:

HOLE: KL-14-225

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth:

Drilling Dates: -

Geology Logged By: H. Friday

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.88	4.88	CAS
4.88	35.94	31.06	OVB

SAMPLES	
Numbers:	
Total:	1
Batch:	
Certificates:	

COMMENTS
Hole terminated due to lack of casing and rods sticking.

Box Log

KL-14-225

Klaza Exploration Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.88	14.45
2	14.45	21.95
3	21.95	32
4	32	35.94

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

KL-14-225

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.88	35.94	31.06	OVB	MG	Overburdern. Typically sand-sized grains. Local gravel to cobbles of sub-rounded granodiorite. Local limonite (?) staining.							
						MD	BN		OXI	5I	Li	1

KL-14-225

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.88	35.94	31.06	OVB	MG	Overburdern. Typically sand-sized grains. Local gravel to cobbles of sub-rounded granodiorite. Local limonite (?) staining.							
						MD	BN		OXI	5I	Li	1

KL-14-225

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.88	4.88	0	0	0.00	0	--	--	--	
4.88	5.18	0.30	0.3	100	0.00	0	--	1H	5W	
5.18	8.23	3.05	0.65	21	0.00	0	--	1H	5W	
8.23	11.28	3.05	0.3	10	0.00	0	--	1H	5W	
11.28	14.33	3.05	1.28	42	0.00	0	--	1H	5W	
14.33	17.37	3.04	0.75	25	0.00	0	--	1H	5W	
17.37	20.42	3.05	1.28	42	0.00	0	--	1H	5W	
20.42	23.47	3.05	1.7	56	0.00	0	--	1H	5W	
23.47	26.52	3.05	1.28	42	0.00	0	--	1H	5W	
26.52	29.57	3.05	0.77	25	0.00	0	--	1H	5W	
29.57	32.61	3.04	0.67	22	0.00	0	--	1H	5W	
32.61	35.66	3.05	1.63	53	0.00	0	--	1H	5W	
35.66	35.94	0.28	0.25	89	0.00	0	--	1H	5W	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381523	6890400	1246.69	235.31

ZONE: Exploration

SECTION:

HOLE: KL-14-226

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth:

Drilling Dates: -

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
35.66	23.6	-25.8	Reflex
233.78	27.3	-26.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.5	3.5	CAS
3.5	26.61	23.11	OVB
26.61	57.05	30.44	GRD
57.05	70.4	13.35	GRD
70.4	87.69	17.29	GRD
87.69	98.02	10.33	GRD
98.02	99.89	1.87	QFP
99.89	115.17	15.28	GRD
115.17	117.34	2.17	QFP
117.34	124.98	7.64	GRD
124.98	159.45	34.47	GRD
159.45	161.15	1.7	GRD
161.15	167.24	6.09	GRD
167.24	168.4	1.16	GRD
168.4	180.36	11.96	QFP
180.36	180.94	0.58	GRD

SAMPLES	
Numbers:	Q935279 to Q935390
Total:	117
Batch:	176, 178, 181, 182
Certificates:	WH14125438, WH14126983, WH14126985, WH14126987

COMMENTS

180.94	190.38	9.44	QFP
190.38	192	1.62	BXA
192	193.03	1.03	QFP
193.03	193.33	0.3	BXA
193.33	209.88	16.55	QFP
209.88	210.15	0.27	BXA
210.15	211.7	1.55	GRD
211.7	235.31	23.61	GRD

Box Log

KL-14-226

Klaza Exploration Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.5	8.23
2	8.23	14.85
3	14.85	20.38
4	20.38	25.6
5	25.6	29.2
6	29.2	33.45
7	33.45	37.45
8	37.45	40.9
9	40.9	45
10	45	48.5
11	48.5	52.4
12	52.4	56.61
13	56.61	60.43
14	60.43	63.52
15	63.52	67.15
16	67.15	70.81
17	70.81	74.86
18	74.86	78.82
19	78.82	82.85
20	82.85	87.1
21	87.1	91.93
22	91.93	94.8
23	94.8	99.24
24	99.24	103.38
25	103.38	107.42
26	107.42	111.5
27	111.5	115.41
28	115.41	119.42
29	119.42	123.93
30	123.93	127.94
31	127.94	132.09
32	132.09	136.25
33	136.25	140.43
34	140.43	144.52
35	144.52	148.77
36	148.77	152.88
37	152.88	156.9
38	156.9	161.08
39	161.08	165.13
40	165.13	169.32
41	169.32	173.71
42	173.71	178.08
43	178.08	182.17
44	182.17	186.47
45	186.47	190.81
46	190.81	195.1
47	195.1	199.2
48	199.2	203.3
49	203.3	207.42
50	207.42	211.74
51	211.74	215.75
52	215.75	220.15
53	220.15	224.38
54	224.38	228.6
55	228.6	232.94
56	232.94	235.31

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.50	26.61	23.11	OVB	--	Dominantly sand tot rubble with patches of more oxidized soil/overburden. Minor competent rock (boulders). Minor hematite stained interval.							
								RB				
26.61	31.33	4.72	GRD	MG	Dominantly weak to moderate propylitic and potassic altered granodiorite. Patchy intervals with moderate to strong clay/gougy granodiorite. Pervasive carbonate veins/veinlets at 9 per metre. Patchy oxidized straining on fractures and on up to 2 cm envelopes at carbonate veins. Weak to moderate silicified granodiorite. Minor net textures and silicified patches. Further down hole is less oxide stained.							
						MD	GY		OXI	2I		
						MD	GN		SIL	3I		
									PHC	2I		
									ARG	2I		
									POT	2I		
									PRO	2I		
31.33	32.18	0.85	GRD	MG	Very strongly oxidized moderate argillic altered granodiorite. Part of the interval is rubbly near the end. Patchy phyllic and argillic altered granodiorite (minor).							
						MD	BN		OXI	4I		
						DK	OR		ARG	3I		
									PHC	2I		
32.18	57.05	24.87	GRD	MG	Dominantly weak to moderate propylitic and potassic altered granodiorite. Patchy intervals with moderate to strong clay/gougy granodiorite. Pervasive carbonate veins/veinlets at 9 per metre. Patchy oxidized straining on fractures and on up to 2 cm envelopes at carbonate veins. Weak to moderate silicified granodiorite. Minor net textures and silicified patches. Further down hole is less oxide stained.							
						MD	GY		OXI	2I		
						MD	GN		SIL	3I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									POT	2I		
									PRO	2I		
									PHC	2I		
57.05	70.40	13.35	GRD	MG	Trace to moderate propylitic and trace potassic altered granodiorite. Patchy phyllic altered granodiorite with gouge intervals and clay seams. Minor hematite-carbonate veins at low angles. Trace pyrite (variably disseminated within gougy intervals. Highly fractures/blocky interval.							
						MD	GY		PHC	3I		
						LT	GN		SIL	2I		
70.40	87.69	17.29	GRD	MG	Patchy phyllic and propylitic altered granodiorite. Moderately silicified and moderate to strong phyllic and propylitic. Extensive chlorite veinlets/veining within entire interval at 12 per metre. Trace hematite blebs within strong silicified phyllic altered granodiorite. Minor ankerite veins up to 2 cm hosting weak blebby pyrite. Minor breccia comprising silicified propylitic altered granodiorite up to 1 cm within dark grey fine grained soft matrix (anhydrite?). Late calcite veins cut breccia. Minor clay and gougy seams near top of interval generally found at low angles.							
						MD	GY		PRO	4I		
						LT	GN		SIL	4I		
									PHC	4I		
87.69	98.02	10.33	GRD	MG	Strongly phyllic altered granodiorite with gouge intervals with dark grey smears (fine grained sulphides). Clay seams pervasive with or without fine grained sulphide smearing. Minor intervals with smokey quartz ankerite veins (weakly brecciated) hosting blebby pyrite, hone brown and black jack sphalerite, galena and arsenopyrite. Net textures within phyllic altered granodiorite and is variably mineralized with disseminated pyrite.							
						LT	GN		PHC	5I	Py	0.1
											Gn	0.1
											As	0.01
											Sp	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
98.02	99.89	1.87	QFP	FG	Fine grained lite green quartz-feldspar porphyry dyke with quartz-eyes. Minor net textures locally. Upper contact is defined by gouge and lower contact sharp into gouged phyllic altered granodiorite at 65 degrees to core axis.							
						LT	GN	PO				
99.89	115.17	15.28	GRD	MG	Moderate to strong propylitic altered granodiorite with patchy moderate to strong phyllic and silicified granodiorite. Weak hematite altered. Intermittent net textured phyllic altered granodiorite (carbonate) with clay seams and gouge. Minor breccia's comprising propylitic and phyllic clasts up to 1 cm (sub-angular) within dark grey soft matrix. Gougy intervals with our without smeared dark grey fine grained sulphides. Variably chlorite veined and calcite veined. Trace hematite withing veins and disseminated locally throughout interval. Phyllic altered granodiorite hosts variable disseminated pyrite.							
						LT	GN		PHC	5I		
						DK	GY		PRO	4I		
115.17	117.34	2.17	QFP	MG	Maroon dyke with chlorite and calcite clasts and quartz eyes. Alteration envelopes of more tanned over approximately 50 centimetres. Upper contact is gougy and lower contact is at 35 degrees to core axis.							
						--	MR	PO				
						--	TN					
117.34	123.07	5.73	GRD	MG	Moderately propylitic and potassic altered granodiorite with patchy phyllic altered granodiorite. Moderate to strongly silicified phyllic altered granodiorite associated with quartz-carbonate with or without chlorite veins/veinlets hosting trace blebby pyrite and ankerite veinlets/veins with hematite stringers. Patches of strong hematite and chlorite veining (30 cm) within interval.							
						LT	GN		PHC	5I		
									SIL	4I		
123.07	123.25	0.18	GRD	MG	Strongly phyllic altered granodiorite strongly silicified. Granodiorite hosting smokey quartz-carbonate, ankerite and chlorite veins/veinlets. Minor gougy interval in centre.							
						LT	GN		PHC	5I	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									SIL	4I		
123.25	124.98	1.73	GRD	MG	Moderately propylitic and potassic altered granodiorite with patchy phyllic altered granodiorite. Moderate to strongly silicified phyllic altered granodiorite associated with quartz-carbonate with or without chlorite veins/veinlets hosting trace blebby pyrite and ankerite veinlets/veins with hematite stringers. Patches of strong hematite and chlorite veining (30 cm) within interval.							
						LT	GN		PHC	5I		
									SIL	4I		
124.98	138.88	13.90	GRD	MG	Moderately propylitic and potassic altered granodiorite with minor patchy phyllic altered granodiorite and silicified/bleached granodiorite. Pervasive calcite veinlets at 5 per metre. Strongly silicified/bleached intervals are moderately to strongly potassic altered. Chlorite-hematite-carbonate veins/veinlets are found locally.							
						MD	GN		SIL	3I		
						DK	GY		PHC	3I		
									PRO	4I		
138.88	144.44	5.56	GRD	MG	Moderately propylitic and potassic altered granodiorite with minor patchy phyllic altered granodiorite and silicified/bleached granodiorite. Pervasive calcite veinlets at 5 per metre. Strongly silicified/bleached intervals are moderately to strongly potassic altered. Chlorite-hematite-carbonate veins/veinlets are found locally.Pervasive hematite and chlorite-carbonate veins/veinlets are found locally.							
						LT	GN					
						--	PK					
144.44	159.45	15.01	GRD	MG	Moderately propylitic and potassic altered granodiorite with minor patchy phyllic altered granodiorite and silicified/bleached granodiorite. Pervasive calcite veinlets at 5 per metre. Strongly silicified/bleached intervals are moderately to strongly potassic altered. Chlorite-hematite-carbonate veins/veinlets are found locally.							
						MD	GN		SIL	3I		
						DK	GY		PHC	3I		
									PRO	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
159.45	161.15	1.70	GRD	MG	Strongly phyllic altered granodiorite with irregular dark grey quartz and ankerite veins hosting trace pyrite and black jack sphalerite.							
						LT	GN		PHC	5I	Py	0.1
									SIL	5I	Sp	0.1
161.15	167.24	6.09	GRD	MG	Moderately propylitic and potassic altered granodiorite with minor patchy phyllic altered granodiorite and silicified/bleached granodiorite. Pervasive calcite veinlets at 5 per metre. Strongly silicified/bleached intervals are moderately to strongly potassic altered. Chlorite-hematite-carbonate veins/veinlets are found locally.							
						MD	GN		SIL	3I		
						DK	GY		PHC	3I		
									PRO	4I		
167.24	168.40	1.16	GRD	MG	Strongly propylitic altered granodiorite grading into phyllic altered granodiorite over last 20 centimetres. Propylitic altered granodiorite is variably crumbly and argillic altered. Phyllic altered granodiorite is weakly gougy with minor pyrite stringers and black breccia gouge (0.5 cm) at bottom contact with dyke.							
						LT	GN		PRO	3I		
						DK	GN		PHC	3I		
									ARG	2I		
168.40	170.27	1.87	QFP	MG	Tan to light green with quartz-feldspar porphyry with minor xenoliths up to 3 centimetres (sub-angular). Porphyritic clasts are chlorite altered.							
						LT	GN					
						--	TN	PO				
170.27	170.55	0.28	QFP	MG	Net textured, tan to maroon quartz-feldspar porphyry. Net textures are gougy and light green.							
						LT	GN	PO				
						--	TN					
170.55	174.80	4.25	QFP	MG	Patchy tan to olive green quartz-feldspar porphyry with chlorite and potassic altered porphyritic clasts. Carbonate porphyritic clasts up 2 cm and irregularly shaped.							
						--	TN	PO				
						--	GN					
174.80	176.34	1.54	QFP	MG	Strong net textures and gougy interval withing olive green to tan quartz-feldspar porphyry. Gouge is light green and up to 4 centimetres.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PO				
						--	TN					
176.34	180.36	4.02	QFP	MG	Maroon quartz-feldspar porphyry with minor gougy/silicified/bleached intervals hosting quartz eyes and calcite blebs elongated along foliation at 50 degrees to core axis.							
						--	MR					
180.94	182.24	1.30	QFP	FG	Light green to tan net textured to weakly gouge altered quartz-feldspar porphyry dyke							
						LT	GN	NE	SIL	3I		
						--	TN					
182.24	184.62	2.38	QFP	FG	Maroon quartz-feldspar porphyry dyke with pervasive calcite veinlets at 8 per metre. 10 centimetre interval of weakly gouge altered quartz-feldspar porphyry dyke.							
						--	MR					
184.62	190.38	5.76	QFP	FG	Light to medium green quartz-feldspar porphyry dyke with chlorite altered clasts. Pervasive calcite veinlets at 7 per metre. Two dark grey breccia's within a 10 centimetre interval. Both are 2 centimetres wide and consist of quartz-feldspar porphyry clasts with disseminated blebby pyrite. Lowe contact is gouge.							
						MD	GN					
						LT	GN	BX				
190.38	192.00	1.62	BXA	CG	Medium green to dark green matrix hosting sub-angular clasts ranging from 1 millimetre to 3 centimetres. Clasts comprise quartz-feldspar porphyry, granodiorite, smokey quartz vein and brown to orange clasts. Lower contact is irregular. 10 centimetre medium green to tan dyke (10 centimetres wide) strongly silicified at 50 degrees to core axis. Trace disseminated pyrite.							
						MD	GN	BX	SIL	3I		
						DK	GN					
192.00	193.03	1.03	QFP	FG	Strongly silicified maroon dyke. Moderately pitted. Hematite and chlorite veinlets pervasive at 15 per metre. Upper contact is irregular and grades into irregular banded medium to dark brown and light green bands over 5 centimetres. Lower contact is irregular.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						--	MR		SIL	5I		
193.03	193.33	0.30	BXA	CG	Medium green to dark green matrix hosting sub-angular clasts ranging from 1 millimetre to 3 centimetres. Clasts comprise quartz-feldspar porphyry, granodiorite, smokey quartz vein and brown to orange clasts. Lower contact is irregular. 10 centimetre medium green to tan dyke (10 centimetres wide) strongly silicified at 50 degrees to core axis. Trace disseminated pyrite.							
						MD	GN		SIL	3I		
						DK	GN					
193.33	200.15	6.82	QFP	FG	Strongly silicified and bleached fine grained quartz-feldspar porphyry dyke. Minor hematite stringers pervasive. Trace clay seams. Pitted textures at surface (weathered feldspars?). Non-magnetic and pervasive calcite seams at 5 per metre.							
						LT	GY		SIL	5I	Py	0.01
200.15	200.85	0.70	QFP	FG	Maroon fine grained quartz-feldspar porphyry with minor clay seams and net textures. More altered zones are more silicified and light grey (minor).							
						LT	GY					
						--	MR		SIL	3I		
209.50	209.88	0.38	QFP	FG	Medium brown to medium orange fine grained quartz-feldspar porphyry dyke with pervasive hematite-chlorite and carbonate veinlets. Minor light green to hematite gouge seam near lower contact. Chlorite "pits" (<1mm) pervasive throughout interval.							
						MD	BN		SIL	3I		
						MD	OR					
209.88	210.15	0.27	BXA	CG	Gradational breccia with medium brown to medium orange fine grained quartz-feldspar porphyry dyke clasts within strongly phyllic altered granodiorite. Sub-angular clasts of medium brown to medium orange fine grained quartz-feldspar porphyry dyke ranging from 1 mm to up to 5 centimetres within phyllic altered granodiorite matrix. Minor smokey quartz clasts hosting blebby pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BN					
						MD	OR					
						LT	GN	BX	PHC	4I	Py	0.01
210.15	211.70	1.55	GRD	MG	Strongly phyllic altered granodiorite with dark grey sulphide smearing veins adjacent to approximately 15 centimetre moderate to strong gouge with ankerite veins. Moderate smokey quartz veins/veinlets/nets. Trace pyrite within smokey quartz-carbonate veinlets.							
						LT	GN		SIL	3I	Py	0.01
									PHC	4I		
									POT	4I		
211.70	216.01	4.31	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with pervasive calcite veining at 9 per metre. Minor patches of phyllic altered granodiorite associated with smokey quartz-carbonate veining (hosts trace blebby pyrite). Chlorite stringers found locally and intermittently.							
						LT	GN		PHC	2I		
						DK	GY		PRO	4I		
									POT	2I		
216.01	216.42	0.41	GRD	MG	Moderately phyllic altered granodiorite with smokey quartz-carbonate veinlets/veins hosting trace blebby pyrite.							
						LT	GN		PHC	4I	Py	0.1
									SIL	3I		
216.42	234.20	17.78	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with pervasive calcite veining at 9 per metre. Minor patches of phyllic altered granodiorite associated with smokey quartz-carbonate veining (hosts trace blebby pyrite). Chlorite stringers found locally and intermittently.							
						LT	GN		PHC	2I		
						DK	GY		PRO	4I		
									POT	2I		
234.20	234.45	0.25	GRD	MG	Moderately phyllic altered granodiorite with smokey quartz-carbonate veinlets/veins hosting trace blebby pyrite.							
						LT	GN		PHC	4I	Py	0.1
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
234.45	235.31	0.86	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with pervasive calcite veining at 9 per metre. Minor patches of phyllic altered granodiorite associated with smokey quartz-carbonate veining (hosts trace blebby pyrite). Chlorite stringers found locally and intermittently.							
						LT	GN		PHC	2I		
						DK	GY		PRO	4I		
									POT	2I		

KL-14-226

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.50	3.50	CAS	--	Casing							
						LT	OR					
						DK	BN					
						MD	BN					
3.50	26.61	23.11	OVB	--	Dominantly sand tot rubble with patches of more oxidized soil/overburden. Minor competent rock (boulders). Minor hematite stained interval.							
								RB				
26.61	57.05	30.44	GRD	MG	Dominantly weak to moderate propylitic and potassic altered granodiorite. Patchy intervals with moderate to strong clay/gougy granodiorite. Pervasive carbonate veins/veinlets at 9 per metre. Patchy oxidized straining on fractures and on up to 2 cm envelopes at carbonate veins. Weak to moderate silicified granodiorite. Minor net textures and silicified patches. Further down hole is less oxide stained.							
									PRO	2I		
						MD	GY		OXI	2I		
						MD	GN		SIL	3I		
									PHC	2I		
									ARG	2I		
									POT	2I		
57.05	70.40	13.35	GRD	MG	Trace to moderate propylitic and trace potassic altered granodiorite. Patchy phyllic altered granodiorite with gouge intervals and clay seams. Minor hematite-carbonate veins at low angles. Trace pyrite (variably disseminated within gougy intervals. Highly fractures/blocky interval.							
						MD	GY		PHC	3I		
						LT	GN		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
70.40	87.69	17.29	GRD	MG	Patchy phyllic and propylitic altered granodiorite. Moderately silicified and moderate to strong phyllic and propylitic. Extensive chlorite veinlets/veining within entire interval at 12 per metre. Trace hematite blebs within strong silicified phyllic altered granodiorite. Minor ankerite veins up to 2 cm hosting weak blebby pyrite. Minor breccia comprising silicified propylitic altered granodiorite up to 1 cm within dark grey fine grained soft matrix (anhydrite?). Late calcite veins cut breccia. Minor clay and gougy seams near top of interval generally found at low angles.							
						LT	GN		SIL	4I		
						MD	GY		PRO	4I		
									PHC	4I		
87.69	98.02	10.33	GRD	MG	Strongly phyllic altered granodiorite with gouge intervals with dark grey smears (fine grained sulphides). Clay seams pervasive with or without fine grained sulphide smearing. Minor intervals with smokey quartz ankerite veins (weakly brecciated) hosting blebby pyrite, hone brown and black jack sphalerite, galena and arsenopyrite. Net textures within phyllic altered granodiorite and is variably mineralized with disseminated pyrite.							
											Sp	0.1
											Gn	0.1
						LT	GN		PHC	5I	Py	0.1
											As	0.01
98.02	99.89	1.87	QFP	FG	Fine grained lite green quartz-feldspar porphyry dyke with quartz-eyes. Minor net textures locally. Upper contact is defined by gouge and lower contact sharp into gouged phyllic altered granodiorite at 65 degrees to core axis.							
						LT	GN	PO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
99.89	115.17	15.28	GRD	MG	Moderate to strong propylitic altered granodiorite with patchy moderate to strong phyllic and silicified granodiorite. Weak hematite altered. Intermittent net textured phyllic altered granodiorite (carbonate) with clay seams and gouge. Minor breccia's comprising propylitic and phyllic clasts up to 1 cm (sub-angular) within dark grey soft matrix. Gougy intervals with our without smeared dark grey fine grained sulphides. Variably chlorite veined and calcite veined. Trace hematite withing veins and disseminated locally throughout interval. Phyllic altered granodiorite hosts variable disseminated pyrite.							
						DK	GY		PRO	4I		
						LT	GN	RB	PHC	5I		
115.17	117.34	2.17	QFP	MG	Maroon dyke with chlorite and calcite clasts and quartz eyes. Alteration envelopes of more tanned over approximately 50 centimetres. Upper contact is gougy and lower contact is at 35 degrees to core axis.							
						--	MR	PO				
						--	TN					
117.34	124.98	7.64	GRD	MG	Moderately propylitic and potassic altered granodiorite with patchy phyllic altered granodiorite. Moderate to strongly silicified phyllic altered granodiorite associated with quartz-carbonate with or without chlorite veins/veinlets hosting trace blebby pyrite and ankerite veinlets/veins with hematite stringers. Patches of strong hematite and chlorite veining (30 cm) within interval.							
						LT	GN		PHC	5I		
									SIL	4I		
124.98	159.45	34.47	GRD	MG	Moderately propylitic and potassic altered granodiorite with minor patchy phyllic altered granodiorite and silicified/bleached granodiorite. Pervasive calcite veinlets at 5 per metre. Strongly silicified/bleached intervals are moderately to strongly potassic altered. Chlorite-hematite-carbonate veins/veinlets are found locally.							
						MD	GN		SIL	3I		
									PRO	4I		
						DK	GY		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
159.45	161.15	1.70	GRD	MG	Strongly phyllic altered granodiorite with irregular dark grey quartz and ankerite veins hosting trace pyrite and black jack sphalerite.							
						LT	GN		PHC	5I	Py	0.1
									SIL	5I	Sp	0.1
161.15	167.24	6.09	GRD	MG	Moderately propylitic and potassic altered granodiorite with minor patchy phyllic altered granodiorite and silicified/bleached granodiorite. Pervasive calcite veinlets at 5 per metre. Strongly silicified/bleached intervals are moderately to strongly potassic altered. Chlorite-hematite-carbonate veins/veinlets are found locally.							
									PRO	4I		
						MD	GN		SIL	3I		
						DK	GY		PHC	3I		
167.24	168.40	1.16	GRD	MG	Strongly propylitic altered granodiorite grading into phyllic altered granodiorite over last 20 centimetres. Propylitic altered granodiorite is variably crumbly and argillic altered. Phyllic altered granodiorite is weakly gougy with minor pyrite stringers and black breccia gouge (0.5 cm) at bottom contact with dyke.							
									ARG	2I		
						LT	GN		PRO	3I		
						DK	GN		PHC	3I		
168.40	180.36	11.96	QFP	MG	Fine to medium grained quartz-feldspar porphyry dyke with patchy solidification and net textures. More silicified quartz-feldspar porphyry dyke intervals are lighter green to tan.							
						LT	GN					
						--	MR	PO				
						--	TN					
180.94	190.38	9.44	QFP	FG	Light green to maroon quartz-feldspar porphyry dyke with pervasive calcite veining and minor gougy intervals, Minor soft dark grey veins hosting trace pyrite. Minor dark grey breccia hosting weak blebby pyrite up to 3 centimetres wide with green porphyry clasts up to 0.5 cm. Light green to tan net textured to weakly gouge altered quartz-feldspar porphyry.							
						LT	GN	PO	SIL	3I		
						--	MR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
190.38	192.00	1.62	BXA	CG	Medium green to dark green matrix hosting sub-angular clasts ranging from 1 millimetre to 3 centimetres. Clasts comprise quartz-feldspar porphyry, granodiorite, smokey quartz vein and brown to orange clasts. Lower contact is irregular. 10 centimetre medium green to tan dyke (10 centimetres wide) strongly silicified at 50 degrees to core axis. Trace disseminated pyrite.							
						MD	GN	BX	SIL	3I		
						DK	GN					
192.00	193.03	1.03	QFP	FG	Strongly silicified maroon dyke. Moderately pitted. Hematite and chlorite veinlets pervasive at 15 per metre. Upper contact is irregular and grades into irregular banded medium to dark brown and light green bands over 5 centimetres. Lower contact is irregular.							
						--	MR		SIL	5I		
193.03	193.33	0.30	BXA	CG	Medium green to dark green matrix hosting sub-angular clasts ranging from 1 millimetre to 3 centimetres. Clasts comprise quartz-feldspar porphyry, granodiorite, smokey quartz vein and brown to orange clasts. Lower contact is irregular. 10 centimetre medium green to tan dyke (10 centimetres wide) strongly silicified at 50 degrees to core axis. Trace disseminated pyrite.							
						MD	GN		SIL	3I		
						DK	GN					
193.33	209.88	16.55	QFP	FG	Weak to strongly silicified quartz-feldspar porphyry dyke. Fine grained and weakly silicified and bleached. Intermittent zones (generally more bleached and silicified intervals) host hematite stringers. Trace gougy seams. Last 40 centimetres of interval is banded and orange with chlorite and carbonate veinlets pervasive. Pitted textures on surface of core.							
						LT	GY		SIL	4I	Py	0.01
						LT	MR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
209.88	210.15	0.27	BXA	CG	Gradational breccia with medium brown to medium orange fine grained quartz-feldspar porphyry dyke clasts within strongly phyllic altered granodiorite. Sub-angular clasts of medium brown to medium orange fine grained quartz-feldspar porphyry dyke ranging from 1 mm to up to 5 centimetres within phyllic altered granodiorite matrix. Minor smokey quartz clasts hosting blebby pyrite.							
						MD	OR					
						MD	BN					
						LT	GN	BX	PHC	4I	Py	0.01
210.15	211.70	1.55	GRD	MG	Strongly phyllic altered granodiorite with dark grey sulphide smearing veins adjacent to approximately 15 centimetre moderate to strong gouge with ankerite veins. Moderate smokey quartz veins/veinlets/nets. Trace pyrite within smokey quartz-carbonate veinlets.							
									PHC	4I		
									POT	4I		
						LT	GN		SIL	3I	Py	0.01
211.70	235.31	23.61	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with pervasive calcite veining at 9 per metre. Minor patches of phyllic altered granodiorite associated with smokey quartz-carbonate veining (hosts trace blebby pyrite). Chlorite stringers found locally and intermittently.							
						LT	GN		PHC	2I		
									POT	2I		
						DK	GY		PRO	4I		

KL-14-226

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.50	3.50	0	0	0.00	0	--	--	--	Casing
3.50	5.18	1.68	1.15	68	0.00	0	--	1H	5W	
5.18	8.23	3.05	1.09	36	0.00	0	--	1H	5W	
8.23	11.28	3.05	0.95	31	0.00	0	--	1H	5W	
11.28	14.33	3.05	2.17	71	0.00	0	--	1H	4W	
14.33	17.37	3.04	1.76	58	0.00	0	--	1H	4W	
17.37	20.42	3.05	2.23	73	0.00	0	--	1H	4W	
20.42	23.47	3.05	2.16	71	0.10	3	--	2H	3W	
23.47	26.52	3.05	2.08	68	0.11	4	--	2H	3W	
26.52	29.57	3.05	2.83	93	0.45	15	--	3H	3W	
29.57	32.61	3.04	2.13	70	0.76	25	--	3H	3W	
32.61	35.66	3.05	2.6	85	0.96	31	--	3H	3W	
35.66	38.71	3.05	2.76	90	0.69	23	--	2H	3W	
38.71	41.76	3.05	2.49	82	0.53	17	--	3H	2W	
41.76	44.81	3.05	2.35	77	1.13	37	--	3H	2W	
44.81	47.85	3.04	2.53	83	1.02	34	--	2H	2W	
47.85	50.90	3.05	2.58	85	0.26	9	--	3H	2W	
50.90	53.95	3.05	2.75	90	1.44	47	--	3H	2W	
53.95	57.00	3.05	2.44	80	0.67	22	--	2H	2W	
57.00	60.05	3.05	2.25	74	0.27	9	--	3H	2W	
60.05	63.09	3.04	2.89	95	1.23	40	--	2H	1W	
63.09	66.14	3.05	2.14	70	0.65	21	--	2H	1W	
66.14	69.19	3.05	2.61	86	0.62	20	--	3H	1W	
69.19	72.24	3.05	2.77	91	1.13	37	--	3H	1W	
72.24	75.29	3.05	3.03	99	1.63	53	--	2H	1W	
75.29	78.33	3.04	2.88	95	0.28	9	--	2H	1W	
78.33	81.38	3.05	3.02	99	2.51	82	--	3H	1W	
81.38	84.43	3.05	3.05	100	2.37	78	--	3H	1W	
84.43	87.48	3.05	2.98	98	1.77	58	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.94	96	0.00	0	--	2H	1W	
90.53	93.57	3.04	2.69	88	0.15	5	--	2H	1W	
93.57	96.62	3.05	2.67	88	1.86	61	--	2H	1W	
96.62	99.67	3.05	3.04	100	1.89	62	--	2H	1W	
99.67	102.72	3.05	2.97	97	0.84	28	--	3H	1W	
102.72	105.77	3.05	2.99	98	1.16	38	--	3H	1W	
105.77	108.81	3.04	3.02	99	2.00	66	--	3H	1W	
108.81	111.86	3.05	3.02	99	0.00	0	--	2H	1W	
111.86	114.91	3.05	2.85	93	0.72	24	--	3H	1W	
114.91	117.96	3.05	3.02	99	2.00	66	--	3H	1W	
117.96	121.01	3.05	2.94	96	0.73	24	--	3H	1W	
121.01	124.05	3.04	3.04	100	1.58	52	--	4H	1W	
124.05	127.10	3.05	2.93	96	1.20	39	--	3H	1W	
127.10	130.15	3.05	2.96	97	1.20	39	--	3H	1W	
130.15	133.20	3.05	2.97	97	0.63	21	--	3H	1W	
133.20	136.25	3.05	3.05	100	1.11	36	--	4H	1W	
136.25	139.29	3.04	3.04	100	0.59	19	--	3H	1W	
139.29	142.34	3.05	3.04	100	0.59	19	--	3H	1W	
142.34	145.39	3.05	2.94	96	1.13	37	--	4H	1W	
145.39	148.44	3.05	3.05	100	2.59	85	--	3H	1W	
148.44	151.49	3.05	2.75	90	0.77	25	--	4H	1W	
151.49	154.53	3.04	2.92	96	0.50	16	--	3H	1W	
154.53	157.58	3.05	2.92	96	0.32	10	--	3H	1W	
157.58	160.63	3.05	3.02	99	1.26	41	--	3H	1W	
160.63	163.68	3.05	2.82	92	1.70	56	--	3H	1W	
163.68	166.73	3.05	2.81	92	0.46	15	--	3H	1W	
166.73	169.77	3.04	3.03	100	0.00	0	--	2H	1W	
169.77	172.82	3.05	2.97	97	0.17	6	--	2H	1W	
172.82	175.87	3.05	2.94	96	1.53	50	--	2H	1W	
175.87	178.92	3.05	2.74	90	0.46	15	--	2H	1W	
178.92	181.97	3.05	2.88	94	0.73	24	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.87	94	0.72	24	--	3H	1W	
185.01	188.06	3.05	3.05	100	1.68	55	--	3H	1W	
188.06	191.11	3.05	2.87	94	1.02	33	--	3H	1W	
191.11	194.16	3.05	3.04	100	1.95	64	--	3H	1W	
194.16	197.21	3.05	3.03	99	2.30	75	--	3H	1W	
197.21	200.25	3.04	3.04	100	1.68	55	--	3H	1W	
200.25	203.30	3.05	3.04	100	0.93	30	--	2H	1W	
203.30	206.35	3.05	3.04	100	1.04	34	--	3H	1W	
206.35	209.40	3.05	2.93	96	1.79	59	--	3H	1W	
209.40	212.45	3.05	3.04	100	2.02	66	--	2H	1W	
212.45	215.49	3.04	3.03	100	2.25	74	--	4H	1W	
215.49	218.54	3.05	3.02	99	2.84	93	--	4H	1W	
218.54	221.59	3.05	2.92	96	1.98	65	--	4H	1W	
221.59	224.64	3.05	3	98	1.42	47	--	4H	1W	
224.64	227.69	3.05	3.05	100	1.64	54	--	3H	1W	
227.69	230.73	3.04	3.04	100	3.03	100	--	4H	1W	
230.73	233.78	3.05	3.02	99	2.58	85	--	4H	1W	
233.78	235.31	1.53	1.53	100	1.46	95	--	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
23	0.4	OVB	
26	0.726	OVB	
27	0.385	GRD	
28	2.25	GRD	
29	0.574	GRD	
30	5.01	GRD	
31	0.42	GRD	
32	0.226	GRD	
33	0.465	GRD	
34	15.2	GRD	
35	16.4	GRD	
36	0.348	GRD	
37	0.328	GRD	
38	0.297	GRD	
39	2.33	GRD	
40	0.259	GRD	
41	0.597	GRD	
42	0.415	GRD	
43	0.527	GRD	
44	2.47	GRD	
45	0.41	GRD	
46	1.04	GRD	
47	4.46	GRD	
48	0.355	GRD	
49	0.478	GRD	
50	0.363	GRD	
51	0.356	GRD	
52	0.411	GRD	
53	0.605	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
54	13.7	GRD	
55	0.653	GRD	
56	0.579	GRD	
57	0.376	GRD	
58	0.521	GRD	
59	0.363	GRD	
60	0.284	GRD	
61	0.37	GRD	
62	0.369	GRD	
63	0.329	GRD	
64	0.328	GRD	
65	0.374	GRD	
66	5.66	GRD	
67	0.362	GRD	
68	0.415	GRD	
69	0.197	GRD	
70	0.337	GRD	
71	8.91	GRD	
72	0.289	GRD	
73	0.281	GRD	
74	0.397	GRD	
75	0.459	GRD	
76	0.286	GRD	
77	0.275	GRD	
78	0.329	GRD	
79	0.501	GRD	
80	0.375	GRD	
81	0.336	GRD	
82	0.511	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
83	1.14	GRD	
84	0.309	GRD	
85	0.421	GRD	
86	0.382	GRD	
87	0.782	GRD	
88	0.386	GRD	
89	0.291	GRD	
90	0.282	GRD	
91	0.544	GRD	
92	0.165	GRD	
93	0.347	GRD	
94	0.283	GRD	
95	0.117	GRD	
96	0.293	GRD	
97	0.27	GRD	
98	0.24	GRD	
99	0.234	QFP	
100	0.244	GRD	
101	0.23	GRD	
102	0.319	GRD	
103	0.383	GRD	
104	0.674	GRD	
105	0.851	GRD	
106	4.75	GRD	
107	0.476	GRD	
108	0.571	GRD	
109	0.877	GRD	
110	0.841	GRD	
111	0.728	GRD	
112	0.405	GRD	
113	0.106	GRD	
114	0.388	GRD	
115	0.774	GRD	
116	0.383	QFP	
117	0.293	QFP	
118	0.76	GRD	
119	0.9	GRD	
120	0.501	GRD	
121	0.464	GRD	
122	0.628	GRD	
123	0.364	GRD	
124	0.271	GRD	
125	0.355	GRD	
126	2.69	GRD	
127	0.798	GRD	
128	11.1	GRD	
129	1.13	GRD	
130	0.494	GRD	
131	1.76	GRD	
132	1.01	GRD	
133	0.494	GRD	
134	8.31	GRD	
135	11.4	GRD	
136	0.432	GRD	
137	0.307	GRD	
138	0.32	GRD	
139	0.445	GRD	
140	0.514	GRD	
141	0.435	GRD	
142	0.414	GRD	
143	6.82	GRD	
144	0.85	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
145	0.415	GRD	
146	2.59	GRD	
147	0.414	GRD	
148	0.43	GRD	
149	0.401	GRD	
150	2.16	GRD	
151	2.58	GRD	
152	0.958	GRD	
153	0.671	GRD	
154	0.655	GRD	
155	0.253	GRD	
156	0.425	GRD	
157	1.02	GRD	
158	0.22	GRD	
159	1.05	GRD	
160	0.353	GRD	
161	0.291	GRD	
162	0.938	GRD	
163	0.241	GRD	
164	0.273	GRD	
165	0.897	GRD	
166	0.778	GRD	
167	0.792	GRD	
168	0.408	GRD	
169	0.245	QFP	
170	0.365	QFP	
171	0.177	QFP	
172	0.234	QFP	
173	0.348	QFP	
174	0.188	QFP	
175	0.181	QFP	
176	0.057	QFP	
177	0.773	QFP	
178	0.247	QFP	
179	0.292	QFP	
180	0.32	QFP	
181	0.309	QFP	
182	0.368	QFP	
183	0.185	QFP	
184	0.233	QFP	
185	0.3	QFP	
186	0.299	QFP	
187	0.62	QFP	
188	0.264	QFP	
189	0.233	QFP	
190	0.305	QFP	
191	0.106	BXA	
192	0.139	BXA	
192	0.139	QFP	
193	0.194	QFP	
194	0.171	QFP	
195	0.057	QFP	
196	0.023	QFP	
197	0.07	QFP	
198	0.32	QFP	
199	0.127	QFP	
200	0.045	QFP	
201	0.023	QFP	
202	0.031	QFP	
203	0.087	QFP	
204	0.063	QFP	
205	0.024	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
206	0.047	QFP	
207	0.121	QFP	
208	0.211	QFP	
209	0.024	QFP	
210	0.066	BXA	
211	0.152	GRD	
212	0.186	GRD	
213	0.986	GRD	
214	0.361	GRD	
215	0.878	GRD	
216	0.309	GRD	
217	9.62	GRD	
218	2.64	GRD	
219	10.2	GRD	
220	8.53	GRD	
221	0.783	GRD	
222	2.71	GRD	
223	2.16	GRD	
224	1.95	GRD	
225	0.323	GRD	
226	4.72	GRD	
227	0.536	GRD	
228	0.334	GRD	
229	0.395	GRD	
230	6.95	GRD	
231	11.1	GRD	
232	3.02	GRD	
233	8.26	GRD	
234	1.67	GRD	
235	6.53	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381803	6890100	1307.22	99.67

ZONE: Western BRX

SECTION:

HOLE: KL-14-227

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth:

Drilling Dates: -

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
23.46	36	-50	Reflex
99.66	33.9	-50.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	7.76	7.76	CAS
7.76	8.16	0.4	GRD
8.16	13.27	5.11	GRD
13.27	15.87	2.6	GRD
15.87	18.87	3	GRD
18.87	26.27	7.4	GRD
26.27	27.8	1.53	GRD
27.8	29.57	1.77	GRD
29.57	32.61	3.04	SAN
32.61	35.97	3.36	GRD
35.97	38	2.03	GRD
38	38.32	0.32	QFP
38.32	48.29	9.97	GRD
48.29	52.29	4	GRD
52.29	80.03	27.74	GRD
80.03	82.62	2.59	GRD

SAMPLES	
Numbers:	Q935032 to Q935066
Total:	40
Batch:	179, 183
Certificates:	WH14125439, WH14126986

COMMENTS

82.62	86.13	3.51	GRD
86.13	99.67	13.54	GRD

Box Log

KL-14-227

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	7.76	10.5
2	10.5	13.16
3	13.16	15.65
4	15.65	18.22
5	18.22	20.87
6	20.87	23.89
7	23.89	27.03
8	27.03	29.93
9	29.93	33.85
10	33.85	37.07
11	37.07	41.36
12	41.36	44.5
13	44.5	47.64
14	47.64	50.72
15	50.72	53.95
16	53.95	57
17	57	60.05
18	60.05	63.18
19	63.18	66.23
20	66.23	69.44
21	69.44	72.63
22	72.63	75.86
23	75.86	79.04
24	79.04	82.15
25	82.15	85.09
26	85.09	88.12
27	88.12	91.07
28	91.07	94.64
29	94.64	97.46
30	97.46	99.67

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
7.76	8.16	0.40	GRD	MG	Unaltered granodiorite. Weakly oxidized along fractures.							
						LT	GY		OXI	2I		
8.16	13.27	5.11	GRD	MG	Rubbly, mushy argillic alteration with small patches of unaltered granodiorite.							
						MD	GY					
						LT	BN	PA	ARG	3I		
						LT	WH		OXI	3I		
13.27	15.87	2.60	GRD	MG	Pervasively oxidized moderately silicified phyllic altered granodiorite, with small patches of oxidized unaltered granodiorite and pervasively oxidized argillic alteration.							
						MD	OR	PA	OXI	3I		
						MD	GN		SIL	3I		
									PHC	3I		
									ARG	3I		
15.87	18.87	3.00	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. Moderate oxidation along fracture surfaces.							
						MD	OR		SIL	3I		
						MD	GY		OXI	3I		
									POT	2I		
									PRO	2I		
18.87	26.27	7.40	GRD	MG	Alternating patches of moderately silicified phyllic alteration and moderate potassic/propyllitic overprinted argillic alteration. Sporadic patches of trace potassic/propyllitic altered granodiorite.							
						MD	GN	PA	PHC	3I		
						MD	GY		SIL	3I		
						MD	PK		ARG	3I		
						MD	OR		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		OXI	3I		
									PRO	1I		
									PRO	2I		
									POT	1I		
26.27	27.80	1.53	GRD	MG	Strongly gouge altered, strongly silicified/phyllic altered granodiorite. Weakly oxidized.							
						MD	GY		PHC	3I		
						LT	GY		SIL	4I		
27.80	29.57	1.77	GRD	MG	Strongly silicified phyllic altered granodiorite. Moderately oxidized fracture surfaces and patchy strongly pervasive oxidation.							
						MD	GY	PA	OXI	3I		
						MD	GN		OXI	4I		
						MD	OR		SIL	4I		
									PHC	3I		
29.57	32.61	3.04	SAN	FG	Muddy fine grained to very fine grained sand.							
						MD	BN					
32.61	35.97	3.36	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic overprinted argillic alteration. Pervasive moderate oxidization.							
						MD	GY	PA	PHC	3I		
						MD	OR		POT	2I		
						MD	PK		ARG	3I		
						MD	GN		SIL	3I		
						LT	WH					
35.97	38.00	2.03	GRD	MG	Strongly gouge altered moderately silicified phyllic altered granodiorite. Looks like a gouge breccia with pebble to cobble sized granodiorite clasts in a light grey gouge matrix.							
						MD	GY					
						LT	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
38.32	48.29	9.97	GRD	MG	Alternating patches of silicifed moderately propyllitic alteration, weak potassic/propyllitic overprinted argillic alteration and silicified weak potassic/propyllitic alteration.							
						MD	PK		PRO	2I		
						LT	GN		PRO	3I		
						LT	WH		POT	2I		
						DK	GN	PA	SIL	3I		
									ARG	3I		
									PHC	3I		
48.29	52.29	4.00	GRD	MG	Moderately silicified, weak to moderate phyllic/propyllitic altered granodiorite hosting trace disseminated pyrite.							
						MD	GN		PRO	2I		
						MD	GY		SIL	3I	Py	1
									PRO	3I		
									PHC	3I		
									PHC	2I		
52.29	56.50	4.21	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small parches of rubbly potassic/propyllitic overprinted argillic alteration.							
						MD	PK		PRO	2I		
						MD	GY		ARG	3I		
						LT	WH		POT	2I		
						DK	GN		SIL	3I		
56.50	66.14	9.64	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration and moderately propyllitic/silicified altered granodiorite.							
						MD	PK		ARG	3I		
						MD	GY		PRO	2I		
						LT	WH	PA	POT	2I		
						DK	GN		SIL	3I		
									PRO	3I		
66.14	71.15	5.01	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small parches of rubbly potassic/propyllitic overprinted argillic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	2I		
						MD	GY		ARG	3I		
						LT	WH		POT	2I		
						DK	GN		SIL	3I		
71.15	73.12	1.97	GRD	MG	Moderately silicified phyllic altered granodiorite hosting multiple carbonate veins and veinlets. Phyllic alteration transitions to potassic/propyllitic overprinted argillic alteration distally from vein.							
						MD	GN		SIL	3I		
						MD	PK		ARG	3I		
						LT	GN		PHC	3I		
						LT	WH		POT	2I		
						DK	GN		PRO	2I		
73.12	80.03	6.91	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small parches of rubbly potassic/propyllitic overprinted argillic alteration.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
80.03	82.62	2.59	GRD	MG	Moderate to strongly gouge altered, moderately silicified phyllic/propyllitic altered granodiorite.							
						MD	GY		PHC	3I		
						MD	GN		SIL	3I		
						DK	GN		PRO	3I		
82.62	86.13	3.51	GRD	MG	Potassic/propyllitic altered granodiorite with small phyllic envelope around carbonate veinlets.							
						MD	GY		SIL	3I		
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
86.13	89.43	3.30	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
94.19	99.67	5.48	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		

KL-14-227

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
7.76	8.16	0.40	GRD	MG	Unaltered granodiorite. Weakly oxidized along fractures.							
						LT	GY		OXI	2I		
8.16	13.27	5.11	GRD	MG	Rubbly, mushy argillic alteration with small patches of unaltered granodiorite.							
						LT	BN	PA	ARG	3I		
						LT	WH		OXI	3I		
						MD	GY					
13.27	15.87	2.60	GRD	MG	Pervasively oxidized moderately silicified phyllic altered granodiorite, with small patches of oxidized unaltered granodiorite and pervasively oxidized argillic alteration.							
									PHC	3I		
									ARG	3I		
						MD	GN		SIL	3I		
						MD	OR	PA	OXI	3I		
15.87	18.87	3.00	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. Moderate oxidation along fracture surfaces.							
						MD	OR		SIL	3I		
									POT	2I		
									PRO	2I		
						MD	GY		OXI	3I		
18.87	26.27	7.40	GRD	MG	Alternating patches of moderately silicified phyllic alteration and moderate potassic/propyllitic overprinted argillic alteration. Sporadic patches of trace potassic/propyllitic altered granodiorite.							
						MD	GN	PA	PHC	3I		
						MD	OR		POT	2I		
									PRO	1I		
									POT	1I		
									PRO	2I		
						LT	WH		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	3I		
						MD	PK		ARG	3I		
26.27	27.80	1.53	GRD	MG	Strongly gouge altered, strongly silicified/phyllic altered granodiorite. Weakly oxidized.							
						LT	GY		SIL	4I		
						MD	GY		PHC	3I		
27.80	29.57	1.77	GRD	MG	Strongly silicified phyllic altered granodiorite. Moderately oxidized fracture surfaces and patchy strongly pervasive oxidation.							
						MD	GY	PA	OXI	3I		
						MD	GN		OXI	4I		
						MD	OR		SIL	4I		
									PHC	3I		
29.57	32.61	3.04	SAN	FG	Muddy fine grained to very fine grained sand.							
						MD	BN					
32.61	35.97	3.36	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy potassic overprinted argillic alteration. Pervasive moderate oxidization.							
						LT	WH					
						MD	GY	PA	PHC	3I		
						MD	GN		SIL	3I		
						MD	OR		POT	2I		
						MD	PK		ARG	3I		
35.97	38.00	2.03	GRD	MG	Strongly gouge altered moderately silicified phyllic altered granodiorite. Looks like a gouge breccia with pebble to cobble sized granodiorite clasts in a light grey gouge matrix.							
						LT	GY					
						MD	GY					
38.32	48.29	9.97	GRD	MG	Alternating patches of silicifed moderately propyllitic alteration, weak potassic/propyllitic overprinted argillic alteration and silicified weak potassic/propyllitic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN	PA	SIL	3I		
						LT	GN		PRO	3I		
						MD	PK		PRO	2I		
						LT	WH		POT	2I		
									ARG	3I		
									PHC	3I		
48.29	52.29	4.00	GRD	MG	Moderately silicified, weak to moderate phyllic/propyllitic altered granodiorite hosting trace disseminated pyrite.							
									PHC	3I		
									PHC	2I		
						MD	GN		PRO	2I		
						MD	GY		SIL	3I	Py	1
									PRO	3I		
52.29	80.03	27.74	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small parches of rubbly potassic/propyllitic overprinted argillic alteration.							
						LT	WH		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		SIL	3I		
						MD	GY		ARG	3I		
80.03	82.62	2.59	GRD	MG	Moderate to strongly gouge altered, moderately silicified phyllic/propyllitic altered granodiorite.							
						MD	GN		SIL	3I		
						DK	GN		PRO	3I		
						MD	GY		PHC	3I		
82.62	86.13	3.51	GRD	MG	Potassic/propyllitic altered granodiorite with small phyllic envelope around carbonate veinlets.							
						MD	PK		POT	3I		
						DK	GN		PRO	3I		
						MD	GY		SIL	3I		
						LT	GN		PHC	3I		
86.13	99.67	13.54	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		SIL	3I		
						MD	GY		POT	2I		
						MD	PK		PRO	2I		

KL-14-227

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.76	2.76	0	0	0.00	0	--	--	--	
2.76	8.23	5.47	0.65	12	0.24	4	--	1H	5W	
8.23	11.28	3.05	2.06	68	0.27	9	--	1H	5W	
11.28	14.33	3.05	2.66	87	1.07	35	--	1H	5W	
14.33	17.37	3.04	2.7	89	0.93	31	--	1H	4W	
17.37	20.42	3.05	2.94	96	0.74	24	--	2H	4W	
20.42	23.47	3.05	2.78	91	2.06	68	--	2H	4W	
23.47	26.52	3.05	2.24	73	0.00	0	--	2H	4W	
26.52	29.57	3.05	2.74	90	0.00	0	--	1H	4W	
29.57	32.61	3.04	1.57	52	0.00	0	--	1H	5W	
32.61	35.66	3.05	2.53	83	0.67	22	--	3H	4W	
35.66	38.71	3.05	2.99	98	0.00	0	--	1H	2W	
38.71	41.76	3.05	1.21	40	0.25	8	--	3H	2W	
41.76	44.81	3.05	2.39	78	0.77	25	--	3H	2W	
44.81	47.85	3.04	2.93	96	1.27	42	--	2H	1W	
47.85	50.90	3.05	3.02	99	1.16	38	--	2H	1W	
50.90	53.95	3.05	2.79	91	0.95	31	--	4H	1W	
53.95	57.00	3.05	3.05	100	0.99	32	--	4H	1W	
57.00	60.05	3.05	3.03	99	1.62	53	--	3H	1W	
60.05	63.10	3.05	3.05	100	1.39	46	--	2H	1W	
63.10	66.14	3.04	3	99	1.11	37	--	2H	2W	
66.14	69.19	3.05	2.91	95	1.68	55	--	4H	2W	
69.19	72.24	3.05	2.93	96	2.29	75	--	3H	2W	
72.24	75.29	3.05	3.05	100	2.84	93	--	3H	2W	
75.29	78.33	3.04	2.98	98	1.13	37	--	2H	2W	
78.33	81.38	3.05	3.05	100	1.79	59	--	2H	2W	
81.38	84.43	3.05	3.03	99	2.06	68	--	2H	1W	
84.43	87.48	3.05	3.05	100	1.95	64	--	2H	1W	
87.48	90.53	3.05	3.05	100	1.51	50	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
90.53	93.57	3.04	2.68	88	1.64	54	--	3H	1W	
93.57	96.62	3.05	3.02	99	2.11	69	--	2H	1W	
96.62	99.67	3.05	3.05	100	1.04	34	--	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
7	20.77	CAS	
8	0.802	GRD	
9	5.968	GRD	
10	0.559	GRD	
11	5.333	GRD	
12	0.393	GRD	
13	0.386	GRD	
14	0.949	GRD	
15	0.252	GRD	
16	14.36	GRD	
17	7.996	GRD	
18	8.286	GRD	
19	0.214	GRD	
20	0.425	GRD	
21	0.451	GRD	
22	0.304	GRD	
23	0.615	GRD	
24	0.393	GRD	
25	12.15	GRD	
26	0.428	GRD	
27	0.401	GRD	
28	0.456	GRD	
29	0.414	GRD	
32	0.893	SAN	
33	0.288	GRD	
34	0.519	GRD	
35	0.332	GRD	
36	0.333	GRD	
37	0.337	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
38	0.403	GRD	
38	0.403	QFP	
39	0.325	GRD	
41	0.487	GRD	
42	0.606	GRD	
43	0.459	GRD	
44	0.452	GRD	
45	0.474	GRD	
46	6.494	GRD	
47	1.033	GRD	
48	0.751	GRD	
49	0.883	GRD	
50	0.343	GRD	
51	0.371	GRD	
52	4.669	GRD	
53	14.03	GRD	
54	20.84	GRD	
55	17.04	GRD	
56	0.444	GRD	
57	0.522	GRD	
58	0.403	GRD	
59	0.334	GRD	
60	0.408	GRD	
61	0.478	GRD	
62	0.778	GRD	
63	0.418	GRD	
64	0.636	GRD	
65	0.692	GRD	
66	13.83	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
67	15.33	GRD	
68	12.4	GRD	
69	16.75	GRD	
70	13.44	GRD	
71	1.062	GRD	
72	0.256	GRD	
73	1.593	GRD	
74	8.134	GRD	
75	8.976	GRD	
76	18.24	GRD	
77	17.05	GRD	
78	0.565	GRD	
79	0.511	GRD	
80	0.398	GRD	
81	0.389	GRD	
82	0.373	GRD	
83	0.837	GRD	
84	0.777	GRD	
85	0.439	GRD	
86	12.22	GRD	
87	18.34	GRD	
88	5.546	GRD	
89	8.826	GRD	
90	0.27	GRD	
91	0.25	GRD	
92	0.729	GRD	
93	0.521	GRD	
94	6.824	GRD	
95	0.396	GRD	
96	0.401	GRD	
97	13.09	GRD	
98	12.61	GRD	
99	0.433	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381551	6890043	1278.58	258.17

ZONE: Western BRX

SECTION:

HOLE: KL-14-228

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth:

Drilling Dates: -

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	40.4	-49.9	Reflex
258.16	308.1	-50.3	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.5	3.5	CAS
3.5	11.49	7.99	GRD
11.49	71.42	59.93	GRD
71.42	75.39	3.97	GRD
75.39	85.17	9.78	GRD
85.17	87.07	1.9	GRD
87.07	87.5	0.43	APL
87.5	138.06	50.56	GRD
138.06	138.91	0.85	GRD
138.91	143.36	4.45	GRD
143.36	144.34	0.98	GRD
144.34	170	25.66	GRD
170	185.54	15.54	GRD
185.54	190.5	4.96	GRD
190.5	192.08	1.58	GRD
192.08	195.52	3.44	GRD

SAMPLES	
Numbers:	Q935391 to Q935461
Total:	79
Batch:	182, 188, 191
Certificates:	WH14125438, WH14128253, WH14128255, WH14136717

COMMENTS

195.52	198.24	2.72	GRD
198.24	199.88	1.64	GRD
199.88	204.3	4.42	GRD
204.3	211.95	7.65	GRD
211.95	217.98	6.03	GRD
217.98	220.28	2.3	GRD
220.28	224.31	4.03	GRD
224.31	226.45	2.14	GRD
226.45	232.11	5.66	GRD
232.11	235.03	2.92	GRD
235.03	236.74	1.71	GRD
236.74	238.53	1.79	GRD
238.53	258.17	19.64	GRD

Box Log

KL-14-228

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.05	9.1
2	9.1	12.8
3	12.8	16.73
4	16.73	21.3
5	21.3	24.75
6	24.75	29
7	29	32.85
8	32.85	37.55
9	37.55	41.42
10	41.42	45.35
11	45.35	49.8
12	49.8	53.95
13	53.95	58
14	58	61.25
15	61.25	65.35
16	65.35	69.45
17	69.45	73.33
18	73.33	77.45
19	77.45	81.56
20	81.56	85.98
21	85.98	90.1
22	90.1	94.4
23	94.4	98.77
24	98.77	102.8
25	102.8	106.86
26	106.86	111.03
27	111.03	115.03
28	115.03	119.02
29	119.02	123.37
30	123.37	126.83
31	126.83	131.05
32	131.05	135.09
33	135.09	139.16
34	139.16	143.3
35	143.3	147.64
36	147.64	151.77
37	151.77	156.19
38	156.19	160.29
39	160.29	164.37
40	164.37	168.77
41	168.77	172.88
42	172.88	177.04
43	177.04	180.91
44	180.91	185.46
45	185.46	188.78
46	188.78	193.09
47	193.09	197.21
48	197.21	201.46
49	201.46	205.45
50	205.45	209.65
51	209.65	213.9
52	213.9	217.98
53	217.98	222.08
54	222.08	226.45
55	226.45	230.73
56	230.73	234.88
57	234.88	239.12
58	239.12	243.09
59	243.09	247.08
60	247.08	251.56
61	251.56	255.52
62	255.52	258.17

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.50	10.88	7.38	GRD	MG	Rubbly to clay altered granodiorite. Unaltered to weakly argillic altered granodiorite found as competent core. Weakly to strongly oxidized. Minor competent core at top of interval (most likely boulders). Last 20 centimetres is strongly clay altered, oxidized and argillic altered.							
						MD	BN					
						MD	OR		ARG	2I		
						DK	OR					
10.88	11.49	0.61	GRD	FG	Strongly oxidized and clay altered granodiorite. Appears to be argillic altered granodiorite.							
						MD	OR					
						DK	OR		CLY	5I		
11.49	14.17	2.68	GRD	MG	Rubbly to highly fractured/blocky unaltered granodiorite with patchy argillic altered crumbly zones. Patches of weak to strong oxidized altered granodiorite. Fractures on competent core is oxidized. Competent core is generally trace to weakly propylitic and potassic altered.							
						MD	OR		PRO	2I		
						MD	GY		POT	2I		
									ARG	2I		
14.17	14.77	0.60	GRD	MG	Moderately crumbly to clay and argillic altered granodiorite. Weakly oxidized.							
						MD	BN	RB	CLY	3I		
14.77	17.76	2.99	GRD	MG	Rubbly to highly fractured/blocky unaltered granodiorite with patchy argillic altered crumbly zones. Patches of weak to strong oxidized altered granodiorite. Fractures on competent core is oxidized. Competent core is generally trace to weakly propylitic and potassic altered.							
						MD	OR		OXI	2I		
						MD	GY		PRO	2I		
									POT	2I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
17.76	19.75	1.99	GRD	MG	Moderately crumbly to clay and argillic altered granodiorite. Weakly oxidized.							
						MD	BN		ARG	3I		
									OXI	2I		
19.75	22.97	3.22	GRD	MG	Rubbly to highly fractured/blocky unaltered granodiorite with patchy argillic altered crumbly zones. Patches of weak to strong oxidized altered granodiorite. Fractures on competent core is oxidized. Competent core is generally trace to weakly propylitic and potassic altered.							
						MD	OR		OXI	2I		
						MD	GY		PRO	2I		
									POT	2I		
									ARG	2I		
22.97	24.30	1.33	GRD	MG	Rubbly to crumbly moderately to strongly oxidized argillic altered granodiorite. Moderate manganese stained.							
						MD	BN		OXI	4I		
						MD	OR		ARG	4I		
24.30	29.31	5.01	GRD	MG	Rubbly to highly fractured/blocky unaltered granodiorite with patchy argillic altered crumbly zones. Patches of weak to strong oxidized altered granodiorite. Fractures on competent core is oxidized. Competent core is generally trace to weakly propylitic and potassic altered.							
						MD	OR		PRO	2I		
						MD	GY		POT	2I		
									ARG	2I		
29.31	29.96	0.65	GRD	MG	Moderately crumbly to clay and argillic altered granodiorite. Weakly oxidized.							
						MD	BN		OXI	2I		
									ARG	3I		
29.96	32.74	2.78	GRD	MG	Strongly gouge, moderate to strongly oxidized and moderate argillic and phyllic altered granodiorite. Strong manganese stain.							
						MD	OR		PHC	3I		
						LT	GN		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									ARG	3I		
32.74	36.24	3.50	GRD	MG	Rubbly/highly fractured unaltered granodiorite with minor argillic altered intervals. Moderately oxidized with strong manganese staining.							
						MD	BN					
						DK	GY		ARG	2I		
36.24	38.53	2.29	GRD	MG	Strongly oxidized and argillic altered granodiorite with phyllic altered granodiorite in centre. Quartz-carbonate vein in centre of phyllic altered granodiorite.							
						MD	OR		ARG	2I		
						LT	GN		SIL	3I		
									PHC	3I		
38.53	50.74	12.21	GRD	MG	Rubbly to highly fractured/blocky unaltered granodiorite with patchy argillic altered crumbly zones. Patches of weak to strong oxidized altered granodiorite. Fractures on competent core is oxidized. Competent core is generally trace to weakly propylitic and potassic altered.							
						MD	OR		OXI	2I		
						MD	GN		POT	2I		
						DK	OR		PRO	2I		
									ARG	2I		
50.74	56.75	6.01	GRD	MG	Rubbly and clay/gouge altered granodiorite. Strongly oxidized. Goethite and limonite pervasive throughout. Strongly oxidized and gouge intervals. Relict argillic altered granodiorite within weakly oxidized zones.							
						MD	OR		CLY	4I		
									ARG	3I		
56.75	71.42	14.67	GRD	MG	Strong rubbly and oxidized granodiorite (approximately 70 percent of interval is rubbly) with competent core comprising unaltered granodiorite and weak argillic granodiorite. Rubble is mostly moderately argillic altered							
						MD	OR					
						DK	OR		OXI	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
71.42	75.39	3.97	GRD	MG	Strongly oxidized and clay and phyllic altered granodiorite. Relict phyllic textures present with disseminated limonite (pitted pyrite). Approximately 15 percent of interval strongly clay altered and 10 percent crumbly.							
						MD	GY		SIL	3I		
						MD	OR		OXI	4I	Py	0.1
						DK	OR		PHC	4I		
75.39	85.17	9.78	GRD	MG	Trace to weak propylitic and potassic altered granodiorite. Pervasive randomly oriented calcite veinlets at 5 per metre. Oxide staining on fractures. Weakly silicified.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
85.17	87.07	1.90	GRD	MG	Moderately phyllic altered granodiorite with pervasive oxide fractures. Trace to hematite veinlets and weak gouge on fractures. Trace disseminated fine grained pyrite.							
						MD	OR		PHC	3I		
						LT	GN		OXI	2I		
87.07	87.50	0.43	APL	FG	Light pink aplite dyke. Fine grained with pervasive calcite veinlets. Cutting at random orientations. Patchy/irregular green staining within the dyke.							
						LT	PK					
						LT	GN					
87.50	138.06	50.56	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor patchy argillic altered granodiorite. Pervasive calcite veinlets at 9 per metre. Minor intervals (up to 30 centimetres) with moderate potassic and propylitic altered granodiorite. Weakly to moderately silicified granodiorite.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
									SIL	3I		
138.06	138.91	0.85	GRD	MG	Weak to moderately argillic altered granodiorite with trace to weak potassic alteration. Minor chlorite-hematite-carbonate veins (1 per metre).							
						LT	GY		ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		SIL	2I		
									POT	2I		
138.91	143.36	4.45	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor patchy argillic altered granodiorite. Pervasive calcite veinlets at 9 per metre. Minor intervals (up to 30 centimetres) with moderate potassic and propylitic altered granodiorite. Weakly to moderately silicified granodiorite.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
									SIL	3I		
143.36	144.34	0.98	GRD	FG	Strongly silicified hematite vein with envelopes of strongly silicified propylitic (up hole over approximately 15 centimetres) and moderate to strong phyllic and argillic altered granodiorite (Approximately 63 centimetres down hole). Hematite vein is 10 centimetres and is cut by late stage calcite veinlets oriented in random directions. Phyllic altered granodiorite hosts trace disseminated pyrite with smokey-quartz carbonate vein.							
						LT	GN		HEM	3I		
						DK	PU		SIL	5I		
									PHC	3I		
									ARG	3I		
									PRO	2I		
144.34	170.00	25.66	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor patchy argillic altered granodiorite. Pervasive calcite veinlets at 9 per metre. Minor intervals (up to 30 centimetres) with moderate potassic and propylitic altered granodiorite. Weakly to moderately silicified granodiorite.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
170.00	185.54	15.54	GRD	MG	Strongly phyllic altered granodiorite with pervasive quartz-ankerite veins/veinlets with or without pyrite +/-galena. Approximately 20 percent of the interval is weak to moderately gouge altered. Strong net textures, especially in more gouge altered zones. Net textures are light green, gouge and calcareous. Irregular banded Smokey quartz-ankerite veins +/-pyrite and galena. Low angle shearing within more gouge altered zones is common and is associated with blebby/veined hematite with pyrite. Phyllic altered granodiorite is variably mineralized with disseminated pyrite.							
						LT	GN	NE	PHC	5I	Py	0.1
									SIL	4I		
185.54	190.50	4.96	GRD	MG	Patchy argillic and phyllic altered granodiorite. Phyllic altered granodiorite with minor gouge alteration. Weak hematite veinlets and trace dark grey smears hosting fine grained sulphides. Minor smokey quartz-carbonate veins host blebby pyrite.							
						LT	GN		SIL	3I	Py	0.1
						--	WH		PHC	3I		
									ARG	3I		
192.08	195.52	3.44	GRD	MG	Moderately propylitic altered granodiorite with minor patches of weakly argillic altered granodiorite. Minor hematite-carbonate veins hosting blebby pyrite.							
						MD	GY		SIL	3I		
						DK	GN		PRO	3I		
									ARG	2I		
195.52	198.24	2.72	GRD	MG	Weak to moderately propylitic and argillic altered granodiorite with trace hematite-chlorite-carbonate veinlets.							
						MD	GY		ARG	2I		
						DK	GN					
						--	WH		PRO	2I		
198.24	199.88	1.64	GRD	MG	Moderately propylitic altered granodiorite with minor patches of weakly argillic altered granodiorite. Minor hematite-carbonate veins hosting blebby pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	3I		
						DK	GN		SIL	3I		
									ARG	2I		
199.88	204.30	4.42	GRD	MG	Moderately to strongly potassic and argillic altered granodiorite. Minor quartz-hematite veinelts. Grades from less potassic up hole into strongly potassic altered towards the lower contact (with phyllic altered granodiorite).							
						MD	PK		POT	4I		
						LT	GN					
						--	WH		ARG	3I		
204.30	211.01	6.71	GRD	MG	Moderate to strong phyllic altered granodiorite with moderate gouge alteration. Intervals with or without dark grey fine grained sulphide smears. Hematite blebs up to 2 centimetres are irregularly shaped within phyllic altered granodiorite. Trace hematite-chlorite-carbonate veinlets.							
						LT	GN		PHC	4I	Py	0.1
									SIL	3I		
211.01	211.64	0.63	GRD	MG	Moderately gouge altered phyllic altered granodiorite. Local dark grey fine grained sulphide smears. Strong net textures (light green gouge).							
						LT	GN	NE	PHC	4I	Py	0.1
211.64	211.95	0.31	GRD	MG	Moderate to strong phyllic altered granodiorite with moderate gouge alteration. Intervals with or without dark grey fine grained sulphide smears. Hematite blebs up to 2 centimetres are irregularly shaped within phyllic altered granodiorite. Trace hematite-chlorite-carbonate veinlets.							
						MD	GN		PRO	2I		
						LT	GN	NE	PHC	4I		
									SIL	4I		
211.95	217.98	6.03	GRD	MG	Patchy moderate propylitic and phyllic altered granodiorite with variable trace to moderate potassic alteration. Pervasive calcite veining at 12 per metre. Trace dark purple hematite stringers, which are cut by calcite veinlets.							
						LT	GN		PRO	3I		
						DK	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									HEM	3I		
217.98	220.28	2.30	GRD	MG	Moderately gouge altered phyllic altered granodiorite. Local dark grey fine grained sulphide smears. Strong net textures (light green gouge).							
						LT	GN	NE	PHC	4I		
220.28	224.31	4.03	GRD	MG	Patchy trace to weak propylitic, argillic and potassic altered granodiorite. Pervasive calcite veinlets at 10per metre. Minor chlorite stringers pervasive.							
						LT	GY		ARG	2I		
						DK	GN		PRO	2I		
									SIL	2I		
224.31	226.45	2.14	GRD	MG	Moderately phyllic and argillic altered granodiorite with strong quartz-hematite veining defined by light to dark grey quartz veins with less than 1 millimetre hematite selvages. Up to 10 centimetres.							
						MD	GN		ARG	2I		
						LT	GN		PHC	3I		
226.45	232.11	5.66	GRD	MG	Variably phyllic, argillic and propylitic altered granodiorite. Patchy aplite dykes up to 15 centimetres at 7 per metre. Chlorite stringers pervasive at 7 per metre. Calcite veinlets at 15 per metre.							
						LT	GN		PRO	2I		
						DK	GN		POT	2I		
						--	WH		PHC	3I		
									SIL	3I		
232.11	235.03	2.92	GRD	MG	Trace to weak propylitic altered granodiorite with pervasive calcite veining at 8 per metre.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
235.03	236.74	1.71	GRD	MG	Patchy weak phyllic, argillic and propylitic altered granodiorite with moderate to strong hematite veining. Dark purple hematite with carbonate and quartz. Near stockwork calcite veining (weakly defined).							
						LT	GN	SW	PHC	3I		
						DK	GN		ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	3I		
									SIL	3I		
236.74	238.53	1.79	GRD	MG	Moderate to strong phyllic altered granodiorite. Minor intervals of moderate gouge alteration, usually associated with dark grey sulphide smear and ankerite veins. Variable hematite stringers.							
						LT	GN		PHC	4I		
									SIL	3I		
238.53	252.70	14.17	GRD	MG	Dominantly trace to weak propylitic and potassic altered granodiorite. Patchy phyllic and argillic altered granodiorite associated with aplite dykes, smokey quartz stringers and calcite and hematite veins. Minor intervals of moderate potassic altered granodiorite. Variably hematite veined.							
						DK	GY		POT	2I		
						DK	GN		PRO	3I		
									PHC	2I		
									ARG	2I		
252.70	256.49	3.79	GRD	MG	Strongly hematite veined and weakly propylitic altered granodiorite. Calcite veining/flooding hosts hematite along its selvages. Silicified hematite netted in centre of interval for approximately 50 centimetres. Top 1 metre of interval is rubbly and strongly hematite altered.							
						DK	GN	NE	PRO	3I		
						DK	PU		SIL	3I		
256.49	258.17	1.68	GRD	MG	Dominantly trace to weak propylitic and potassic altered granodiorite. Patchy phyllic and argillic altered granodiorite associated with aplite dykes, smokey quartz stringers and calcite and hematite veins. Minor intervals of moderate potassic altered granodiorite. Variably hematite veined.							
						DK	GN		PRO	3I		
						DK	GY		POT	2I		
									ARG	2I		
									PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.50	11.49	7.99	GRD	MG	Rubbly to clay altered granodiorite. Unaltered to weakly argillic altered granodiorite found as competent core. Weakly to strongly oxidized. Minor competent core at top of interval (most likely boulders). Last 20 centimetres is strongly clay altered, oxidized and argillic altered.							
						DK	OR					
						MD	BN					
						MD	OR		ARG	2I		
11.49	71.42	59.93	GRD	MG	Rubbly to highly fractured/blocky unaltered granodiorite with patchy argillic altered crumbly zones. Patches of weak to strong oxidized altered granodiorite. Fractures on competent core is oxidized. Competent core is generally trace to weakly propylitic and potassic altered.							
						MD	OR		PRO	2I		
						MD	GY		POT	2I		
									ARG	2I		
71.42	75.39	3.97	GRD	MG	Strongly oxidized and clay and phyllic altered granodiorite. Relict phyllic textures present with disseminated limonite (pitted pyrite). Approximately 15 percent of interval strongly clay altered and 10 percent crumbly.							
						MD	OR		OXI	4I	Py	0.1
						DK	OR		PHC	4I		
						MD	GY		SIL	3I		
75.39	85.17	9.78	GRD	MG	Trace to weak propylitic and potassic altered granodiorite. Pervasive randomly oriented calcite veinlets at 5 per metre. Oxide staining on fractures. Weakly silicified.							
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
85.17	87.07	1.90	GRD	MG	Moderately phyllic altered granodiorite with pervasive oxide fractures. Trace to hematite veinlets and weak gouge on fractures. Trace disseminated fine grained pyrite.							
						LT	GN		OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		PHC	3I		
87.07	87.50	0.43	APL	FG	Light pink aplite dyke. Fine grained with pervasive calcite veinlets. Cutting at random orientations. Patchy/irregular green staining within the dyke.							
						LT	PK					
						LT	GN					
87.50	138.06	50.56	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor patchy argillic altered granodiorite. Pervasive calcite veinlets at 9 per metre. Minor intervals (up to 30 centimetres) with moderate potassic and propylitic altered granodiorite. Weakly to moderately silicified granodiorite.							
						DK	GY		PRO	2I		
						MD	GY		POT	2I		
									SIL	3I		
138.06	138.91	0.85	GRD	MG	Weak to moderately argillic altered granodiorite with trace to weak potassic alteration. Minor chlorite-hematite-carbonate veins (1 per metre).							
									POT	2I		
						LT	GY		ARG	2I		
						LT	GN		SIL	2I		
138.91	143.36	4.45	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor patchy argillic altered granodiorite. Pervasive calcite veinlets at 9 per metre. Minor intervals (up to 30 centimetres) with moderate potassic and propylitic altered granodiorite. Weakly to moderately silicified granodiorite.							
						MD	GY		POT	2I		
									SIL	3I		
						DK	GY		PRO	2I		
143.36	144.34	0.98	GRD	FG	Strongly silicified hematite vein with envelopes of strongly silicified propylitic (up hole over approximately 15 centimetres) and moderate to strong phyllic and argillic altered granodiorite (Approximately 63 centimetres down hole). Hematite vein is 10 centimetres and is cut by late stage calcite veinlets oriented in random directions. Phyllic altered granodiorite hosts trace disseminated pyrite with smokey-quartz carbonate vein.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PHC	3I		
						DK	PU		SIL	5I		
						LT	GN		HEM	3I		
									ARG	3I		
									PRO	2I		
144.34	170.00	25.66	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with minor patchy argillic altered granodiorite. Pervasive calcite veinlets at 9 per metre. Minor intervals (up to 30 centimetres) with moderate potassic and propylitic altered granodiorite. Weakly to moderately silicified granodiorite.							
									SIL	3I		
						MD	GY		POT	2I		
						DK	GY		PRO	2I		
170.00	185.54	15.54	GRD	MG	Strongly phyllic altered granodiorite with pervasive quartz-ankerite veins/veinlets with or without pyrite +/-galena. Approximately 20 percent of the interval is weak to moderately gouge altered. Strong net textures, especially in more gouge altered zones. Net textures are light green, gouge and calcareous. Irregular banded Smokey quartz-ankerite veins +/-pyrite and galena. Low angle shearing within more gouge altered zones is common and is associated with blebby/veined hematite with pyrite. Phyllic altered granodiorite is variably mineralized with disseminated pyrite.							
						LT	GN	NE	PHC	5I	Py	0.1
									SIL	4I		
185.54	190.50	4.96	GRD	MG	Patchy argillic and phyllic altered granodiorite. Phyllic altered granodiorite with minor gouge alteration. Weak hematite veinlets and trace dark grey smears hosting fine grained sulphides. Minor smokey quartz-carbonate veins host blebby pyrite.							
									ARG	3I		
						--	WH		PHC	3I		
						LT	GN		SIL	3I	Py	0.1
192.08	195.52	3.44	GRD	MG	Moderately propylitic altered granodiorite with minor patches of weakly argillic altered granodiorite. Minor hematite-carbonate veins hosting blebby pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PRO	3I		
									ARG	2I		
						MD	GY		SIL	3I		
195.52	198.24	2.72	GRD	MG	Weak to moderately propylitic and argillic altered granodiorite with trace hematite-chlorite-carbonate veinlets.							
						MD	GY		ARG	2I		
						DK	GN					
						--	WH		PRO	2I		
198.24	199.88	1.64	GRD	MG	Moderately propylitic altered granodiorite with minor patches of weakly argillic altered granodiorite. Minor hematite-carbonate veins hosting blebby pyrite.							
						DK	GN		SIL	3I		
						MD	GY		PRO	3I		
									ARG	2I		
199.88	204.30	4.42	GRD	MG	Moderately to strongly potassic and argillic altered granodiorite. Minor quartz-hematite veinelts. Grades from less potassic up hole into strongly potassic altered towards the lower contact (with phyllic altered granodiorite).							
						--	WH		ARG	3I		
						LT	GN					
						MD	PK		POT	4I		
204.30	211.95	7.65	GRD	MG	Moderate to strong phyllic altered granodiorite with moderate gouge alteration. Intervals with or without dark grey fine grained sulphide smears. Hematite blebs up to 2 centimetres are irregularly shaped within phyllic altered granodiorite. Trace hematite-chlorite-carbonate veinlets.							
									SIL	3I		
						LT	GN		PHC	4I	Py	0.1
211.95	217.98	6.03	GRD	MG	Patchy moderate propylitic and phyllic altered granodiorite with variable trace to moderate potassic alteration. Pervasive calcite veining at 12 per metre. Trace dark purple hematite stringers, which are cut by calcite veinlets.							
						LT	GN		PRO	3I		
						DK	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									HEM	3I		
217.98	220.28	2.30	GRD	MG	Moderately gouge altered phyllic altered granodiorite. Local dark grey fine grained sulphide smears. Strong net textures (light green gouge).							
						LT	GN	NE	PHC	4I		
220.28	224.31	4.03	GRD	MG	Patchy trace to weak propylitic, argillic and potassic altered granodiorite. Pervasive calcite veinlets at 10per metre. Minor chlorite stringers pervasive.							
									SIL	2I		
						DK	GN		PRO	2I		
						LT	GY		ARG	2I		
224.31	226.45	2.14	GRD	MG	Moderately phyllic and argillic altered granodiorite with strong quartz-hematite veining defined by light to dark grey quartz veins with less than 1 millimetre hematite selvages. Up to 10 centimetres.							
						LT	GN		PHC	3I		
						MD	GN		ARG	2I		
226.45	232.11	5.66	GRD	MG	Variably phyllic, argillic and propylitic altered granodiorite. Patchy aplite dykes up to 15 centimetres at 7 per metre. Chlorite stringers pervasive at 7 per metre. Calcite veinlets at 15 per metre.							
						LT	GN		PRO	2I		
						DK	GN		POT	2I		
						--	WH		PHC	3I		
									SIL	3I		
232.11	235.03	2.92	GRD	MG	Trace to weak propylitic altered granodiorite with pervasive calcite veining at 8 per metre.							
						DK	GY		PRO	2I		
						MD	GY		POT	2I		
235.03	236.74	1.71	GRD	MG	Patchy weak phyllic, argillic and propylitic altered granodiorite with moderate to strong hematite veining. Dark purple hematite with carbonate and quartz. Near stockwork calcite veining (weakly defined).							
						LT	GN	SW	PHC	3I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		ARG	2I		
									PRO	3I		
236.74	238.53	1.79	GRD	MG	Moderate to strong phyllic altered granodiorite. Minor intervals of moderate gouge alteration, usually associated with dark grey sulphide smear and ankerite veins. Variable hematite stringers.							
						LT	GN		PHC	4I		
									SIL	3I		
238.53	258.17	19.64	GRD	MG	Dominantly trace to weak propylitic and potassic altered granodiorite. Patchy phyllic and argillic altered granodiorite associated with aplite dykes, smokey quartz stringers and calcite and hematite veins. Minor intervals of moderate potassic altered granodiorite. Variably hematite veined.							
									ARG	2I		
						DK	GN		PRO	3I		
						DK	GY		POT	2I		
									PHC	2I		

KL-14-228

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.05	3.05	0	0	0.00	0	--	--	--	No recovery.
3.05	5.18	2.13	0.86	40	0.00	0	--	1H	5W	
5.18	8.23	3.05	1.1	36	0.00	0	--	1H	5W	
8.23	11.28	3.05	1.63	53	0.10	3	--	1H	4W	
11.28	14.33	3.05	2.36	77	0.41	13	--	1H	3W	
14.33	17.37	3.04	2.34	77	0.34	11	--	1H	2W	
17.37	20.42	3.05	1.39	46	0.16	5	--	1H	2W	
20.42	23.47	3.05	2.54	83	0.77	25	--	2H	3W	
23.47	26.52	3.05	2.53	83	0.69	23	--	1H	3W	
26.52	29.57	3.05	2.28	75	0.15	5	--	3H	2W	
29.57	32.61	3.04	2.62	86	0.95	31	--	1H	4W	
32.61	35.66	3.05	1.47	48	0.00	0	--	1H	4W	
35.66	38.71	3.05	2.32	76	0.36	12	--	2H	4W	
38.71	41.76	3.05	2.94	96	1.88	62	--	3H	2W	
41.76	44.81	3.05	3.01	99	1.76	58	--	4H	2W	
44.81	47.85	3.04	2.21	73	0.81	27	--	3H	2W	
47.85	50.90	3.05	2.84	93	0.58	19	--	3H	3W	
50.90	53.95	3.05	1.95	64	0.10	3	--	1H	4W	
53.95	57.00	3.05	2.25	74	0.63	21	--	2H	4W	
57.00	60.05	3.05	2.55	84	0.47	15	--	1H	3W	
60.05	63.09	3.04	2.12	70	0.11	4	--	1H	4W	
63.09	66.14	3.05	2.13	70	0.10	3	--	1H	3W	
66.14	69.19	3.05	2.28	75	0.11	4	--	1H	4W	
69.19	72.24	3.05	2.34	77	0.30	10	--	2H	3W	
72.24	75.29	3.05	2.24	73	0.10	3	--	1H	4W	
75.29	78.33	3.04	3.04	100	0.98	32	--	4H	2W	
78.33	81.38	3.05	2.87	94	2.06	68	--	4H	2W	
81.38	84.43	3.05	2.96	97	1.60	52	--	4H	2W	
84.43	87.48	3.05	3.02	99	1.32	43	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.84	93	1.19	39	--	3H	1W	
90.53	93.57	3.04	3	99	1.33	44	--	4H	1W	
93.57	96.62	3.05	2.92	96	1.66	54	--	4H	1W	
96.62	99.67	3.05	3.05	100	2.28	75	--	4H	1W	
99.67	102.72	3.05	2.7	89	1.30	43	--	4H	1W	
102.72	105.77	3.05	2.92	96	0.65	21	--	3H	1W	
105.77	108.81	3.04	2.86	94	1.28	42	--	4H	1W	
108.81	111.86	3.05	2.92	96	1.55	51	--	4H	1W	
111.86	114.91	3.05	3.05	100	1.31	43	--	3H	1W	
114.91	117.96	3.05	3.05	100	0.65	21	--	3H	1W	
117.96	121.01	3.05	2.77	91	1.64	54	--	4H	1W	
121.01	124.05	3.04	3.04	100	1.25	41	--	4H	1W	
124.05	127.10	3.05	3.05	100	0.84	28	--	4H	1W	
127.10	130.15	3.05	2.89	95	1.28	42	--	4H	1W	
130.15	133.20	3.05	3.05	100	1.72	56	--	3H	1W	
133.20	136.25	3.05	2.98	98	1.11	36	--	4H	1W	
136.25	139.29	3.04	3	99	1.32	43	--	3H	1W	
139.29	142.34	3.05	3.01	99	2.36	77	--	4H	1W	
142.34	145.39	3.05	3.05	100	1.66	54	--	3H	1W	
145.39	148.44	3.05	2.94	96	2.48	81	--	4H	1W	
148.44	151.49	3.05	3.05	100	1.95	64	--	4H	1W	
151.49	154.53	3.04	2.99	98	2.10	69	--	4H	1W	
154.53	157.58	3.05	3.05	100	1.84	60	--	4H	1W	
157.58	160.63	3.05	2.98	98	1.74	57	--	4H	1W	
160.63	163.68	3.05	3.05	100	2.09	69	--	3H	1W	
163.68	166.73	3.05	2.99	98	2.13	70	--	4H	1W	
166.73	169.77	3.04	3.04	100	2.29	75	--	4H	1W	
169.77	172.82	3.05	3.05	100	1.84	60	--	3H	1W	
172.82	175.87	3.05	2.98	98	1.18	39	--	2H	1W	
175.87	178.92	3.05	3.05	100	1.79	59	--	2H	1W	
178.92	181.97	3.05	3.02	99	0.60	20	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.75	90	1.31	43	--	3H	1W	
185.01	188.06	3.05	2.95	97	1.38	45	--	3H	1W	
188.06	191.11	3.05	2.99	98	1.36	45	--	3H	1W	
191.11	194.16	3.05	3.05	100	1.57	51	--	3H	1W	
194.16	197.21	3.05	3.05	100	1.03	34	--	3H	1W	
197.21	200.25	3.04	2.95	97	1.54	51	--	3H	1W	
200.25	203.30	3.05	3.05	100	2.19	72	--	3H	1W	
203.30	206.35	3.05	3.05	100	0.72	24	--	2H	1W	
206.35	209.40	3.05	3.03	99	1.34	44	--	3H	1W	
209.40	212.45	3.05	3.03	99	1.05	34	--	2H	1W	
212.45	215.49	3.04	3.04	100	2.03	67	--	3H	1W	
215.49	218.54	3.05	3.05	100	1.11	36	--	3H	1W	
218.54	221.59	3.05	3.05	100	1.19	39	--	2H	1W	
221.59	224.64	3.05	3	98	1.31	43	--	3H	1W	
224.64	227.69	3.05	3.04	100	1.94	64	--	3H	1W	
227.69	230.74	3.05	3.05	100	1.49	49	--	4H	1W	
230.74	233.78	3.04	3.04	100	1.96	64	--	4H	1W	
233.78	236.83	3.05	3.05	100	2.11	69	--	3H	1W	
236.83	239.88	3.05	3.02	99	1.15	38	--	3H	1W	
239.88	242.93	3.05	3.05	100	1.92	63	--	4H	1W	
242.93	245.97	3.04	3.02	99	1.10	36	--	4H	1W	
245.97	249.02	3.05	3.01	99	1.37	45	--	4H	1W	
249.02	252.07	3.05	3.03	99	2.39	78	--	4H	1W	
252.07	255.12	3.05	3.05	100	1.25	41	--	4H	1W	
255.12	258.17	3.05	3.05	100	1.60	52	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	2.746	CAS	
11	0.95	GRD	
12	5.429	GRD	
13	4.822	GRD	
14	3.46	GRD	
15	0.822	GRD	
16	6.071	GRD	
17	3.417	GRD	
18	4.486	GRD	
19	1.287	GRD	
20	1.874	GRD	
21	6.369	GRD	
22	6.884	GRD	
23	1.715	GRD	
24	0.818	GRD	
25	3.333	GRD	
26	1.063	GRD	
27	0.334	GRD	
28	0.441	GRD	
29	4.551	GRD	
30	0.147	GRD	
31	0.2	GRD	
32	0.203	GRD	
33	1.862	GRD	
34	10.28	GRD	
35	3.286	GRD	
36	3.717	GRD	
37	0.266	GRD	
38	0.747	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
39	17.66	GRD	
40	17.48	GRD	
41	20.1	GRD	
42	13.92	GRD	
43	4.701	GRD	
44	12.5	GRD	
45	12.28	GRD	
47	9.977	GRD	
48	1.431	GRD	
49	1.507	GRD	
50	0.307	GRD	
51	0.14	GRD	
52	0.185	GRD	
54	0.202	GRD	
55	0.166	GRD	
56	0.467	GRD	
58	1.164	GRD	
59	1.633	GRD	
60	0.341	GRD	
62	0.68	GRD	
63	0.411	GRD	
64	1.047	GRD	
65	0.342	GRD	
66	0.944	GRD	
67	0.422	GRD	
68	0.468	GRD	
69	11.5	GRD	
70	0.449	GRD	
71	7.27	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
72	0.204	GRD	
73	0.26	GRD	
74	0.924	GRD	
75	2.59	GRD	
76	3.52	GRD	
77	3.99	GRD	
78	2.05	GRD	
79	0.624	GRD	
80	0.811	GRD	
81	1.56	GRD	
82	5.87	GRD	
83	8.79	GRD	
84	15.1	GRD	
85	13.2	GRD	
86	0.631	GRD	
87	0.571	GRD	
88	5.88	GRD	
89	10.7	GRD	
90	14.6	GRD	
91	16.3	GRD	
92	4.25	GRD	
93	17.1	GRD	
94	12.1	GRD	
95	16.2	GRD	
96	18.6	GRD	
97	16.1	GRD	
98	18.5	GRD	
99	17.2	GRD	
100	1.6	GRD	
101	2.76	GRD	
102	12.9	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
103	0.969	GRD	
104	17.7	GRD	
105	17.1	GRD	
106	20.8	GRD	
107	13.1	GRD	
108	18.2	GRD	
109	12.8	GRD	
110	18.8	GRD	
111	17.27	GRD	
112	14.67	GRD	
113	10.39	GRD	
114	0.563	GRD	
115	14.78	GRD	
116	14.8	GRD	
117	0.512	GRD	
118	15.94	GRD	
119	15.11	GRD	
120	17.33	GRD	
121	16.78	GRD	
122	11.59	GRD	
123	14.33	GRD	
124	16.78	GRD	
125	11.93	GRD	
126	15.06	GRD	
127	15.2	GRD	
128	14.6	GRD	
129	18.36	GRD	
130	12.1	GRD	
131	17.32	GRD	
132	14.83	GRD	
133	16.52	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
134	14.81	GRD	
135	15.55	GRD	
136	15.72	GRD	
137	21.28	GRD	
138	6.26	GRD	
139	18.72	GRD	
140	20.02	GRD	
141	20.1	GRD	
142	1.416	GRD	
143	3.756	GRD	
144	1.066	GRD	
145	15.03	GRD	
146	20.95	GRD	
147	15.87	GRD	
148	16.96	GRD	
149	16.69	GRD	
150	16.74	GRD	
151	17.54	GRD	
152	18.51	GRD	
153	12.83	GRD	
154	17.27	GRD	
155	13.4	GRD	
156	11.72	GRD	
157	10.46	GRD	
158	18.45	GRD	
159	15.39	GRD	
160	5.867	GRD	
161	18.2	GRD	
162	19.8	GRD	
163	10.34	GRD	
164	15.33	GRD	
165	18.08	GRD	
166	19.69	GRD	
167	18.73	GRD	
168	14.77	GRD	
169	10.73	GRD	
170	0.299	GRD	
170	0.299	GRD	
171	4.756	GRD	
172	0.362	GRD	
173	0.425	GRD	
174	0.289	GRD	
175	0.518	GRD	
176	0.494	GRD	
177	0.424	GRD	
178	0.323	GRD	
179	0.292	GRD	
180	0.367	GRD	
181	0.527	GRD	
182	0.359	GRD	
183	0.383	GRD	
184	0.441	GRD	
185	0.367	GRD	
186	0.854	GRD	
187	0.345	GRD	
188	4.95	GRD	
189	0.495	GRD	
190	0.349	GRD	
191	0.208	GRD	
192	3.77	GRD	
193	1.59	GRD	
194	0.373	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
195	0.408	GRD	
196	4.41	GRD	
197	0.526	GRD	
198	11.3	GRD	
199	16.2	GRD	
200	0.63	GRD	
201	0.573	GRD	
202	0.492	GRD	
203	0.324	GRD	
204	0.535	GRD	
205	0.309	GRD	
206	0.496	GRD	
207	0.246	GRD	
208	0.308	GRD	
209	0.342	GRD	
210	0.26	GRD	
211	0.305	GRD	
212	0.587	GRD	
213	0.394	GRD	
214	0.291	GRD	
215	0.3	GRD	
216	5.33	GRD	
217	0.436	GRD	
218	0.252	GRD	
219	0.333	GRD	
220	0.737	GRD	
221	3.17	GRD	
222	4.09	GRD	
223	0.326	GRD	
224	0.352	GRD	
225	0.444	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
226	0.591	GRD	
227	0.637	GRD	
228	0.383	GRD	
229	0.213	GRD	
230	0.319	GRD	
231	1.179	GRD	
232	2.97	GRD	
233	27.81	GRD	
234	15.13	GRD	
235	1.788	GRD	
236	0.289	GRD	
237	0.246	GRD	
238	0.306	GRD	
239	0.267	GRD	
240	9.747	GRD	
241	0.428	GRD	
242	0.663	GRD	
243	0.249	GRD	
244	0.439	GRD	
245	0.967	GRD	
246	0.86	GRD	
247	0.603	GRD	
248	0.458	GRD	
249	8.497	GRD	
250	5.207	GRD	
251	0.397	GRD	
252	1.79	GRD	
253	0.683	GRD	
254	0.733	GRD	
255	1.196	GRD	
256	3.587	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
257	0.48	GRD	
258	0.349	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381715	6889868	1306.25	320.04

ZONE: Western BRX

SECTION:

HOLE: KL-14-229

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 5.05m, Out

Drilling Dates: -

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	34.9	-49.5	Reflex
319.12	38.6	-50.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	5.05	5.05	CAS
5.05	13.4	8.35	GRD
13.4	31.07	17.67	GRD
31.07	53.45	22.38	GRD
53.45	114.47	61.02	GRD
114.47	117.96	3.49	GRD
117.96	118.77	0.81	BXA
118.77	152.15	33.38	GRD
152.15	156.18	4.03	GRD
156.18	175.76	19.58	GRD
175.76	178.88	3.12	GRD
178.88	187.71	8.83	GRD
187.71	188.87	1.16	GRD
188.87	207.27	18.4	GRD
207.27	211.06	3.79	GRD
211.06	244.23	33.17	GRD

SAMPLES	
Numbers:	Q927994 to Q927999, Q933515 to Q933533, Q933535 to Q933598
Total:	97
Batch:	180, 187, 190, 192, 206
Certificates:	WH14128252, WH14128254, WH14129180, WH14129183, WH14134310

COMMENTS

244.23	266.68	22.45	GRD
266.68	288.52	21.84	GRD
288.52	293.05	4.53	GRD
293.05	297.9	4.85	GRD
297.9	301.81	3.91	GRD
301.81	303.25	1.44	VEN
303.25	310.51	7.26	QFP
310.51	314.59	4.08	GRD
314.59	320.04	5.45	GRD

Box Log

KL-14-229

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	5.05	9.5
2	9.5	12.1
3	12.1	14.33
4	14.33	17
5	17	20.25
6	20.25	23.4
7	23.4	25.75
8	25.75	28.8
9	28.8	31.65
10	31.65	34.55
11	34.55	37.55
12	37.55	40.25
13	40.25	43.75
14	43.75	46.75
15	46.75	50.15
16	50.15	53.45
17	53.45	56.45
18	56.45	59.55
19	59.55	62.7
20	62.7	65.75
21	65.75	68.5
22	68.5	71.6
23	71.6	74.25
24	74.25	76.8
25	76.8	79.85
26	79.85	82.85
27	82.85	85.55
28	85.55	88.45
29	88.45	91.4
30	91.4	94.2
31	94.2	96.62
32	96.62	99.54
33	99.54	102.3
34	102.3	105.07
35	105.07	108.1
36	108.1	110.8
37	110.8	113.75
38	113.75	116.25
39	116.25	119
40	119	122.1
41	122.1	125.2
42	125.2	128.46
43	128.46	131.53
44	131.53	134.74
45	134.74	137.81
46	137.81	141.14
47	141.14	144.42
48	144.42	147.7
49	147.7	150.5
50	150.5	153.75
51	153.75	156.55
52	156.55	159.5
53	159.5	162.45
54	162.45	165.47
55	165.47	168.52
56	168.52	171.65
57	171.65	174.91
58	174.91	178.03
59	178.03	181.05
60	181.05	184.15
61	184.15	187.38
62	187.38	190.65
63	190.65	193.85
64	193.85	197.21
65	197.21	200.35
66	200.35	203.69
67	203.69	207
68	207	210.15
69	210.15	213.38
70	213.38	216.62
71	216.62	219.75
72	219.75	222.9
73	222.9	226.2
74	226.2	229.25
75	229.25	232.65
76	232.65	235.9
77	235.9	239.05
78	239.05	242.15
79	242.15	245.3
80	245.3	248.45
81	248.45	251.6
82	251.6	254.9
83	254.9	257.9
84	257.9	261.1
85	261.1	264.26
86	264.26	267.08
87	267.08	270.1
88	270.1	273.28
89	273.28	276.45
90	276.45	279.65

Box Number	From (m)	To (m)
91	279.65	282.75
92	282.75	286.05
93	286.05	289.3
94	289.3	292.6
95	292.6	295.85
96	295.85	299.05
97	299.05	302.37
98	302.37	305.45
99	305.45	308.5
100	308.5	311.7
101	311.7	314.8
102	314.8	317.95
103	317.95	320.04

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-229									
	302.09	11.8	HQ	VEN	1102.3	714.9	3.2	2.9	Smoky quartz brecciating granodiorite and milky quartz vein. Disseminated-blebby pyrite throughout.
	302.2	16.1	HQ	VEN	1432	927.1	3.04	2.8	Massive milky quartz vein with thin discontinuous smoky quartz bands and disseminated-blebby pyrite.
	302.6	15.3	HQ	VEN	1691.5	1210.9	3.78	3.5	Dark smoky quartz brecciating silicified granodiorite. Smoky quartz hosts blebby pyrite, blebby honey brown sphalerite, blebby-disseminated arsenopyrite, blebby galena, and disseminated jamesonite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
5.05	13.40	8.35	GRD	MG	Fractured rubbly granodiorite with patchy chloritization and hematization. Hematite and oxidation on fractures.							
						MD	RD	RB	HEM	2I		
						MD	GY	FR	OXI	2I		
						MD	BN		CHL	2I		
13.40	31.07	17.67	GRD	MG	Fractured granodiorite with pervasive oxidation and clay seams. Patch argillic and oxide staining.							
						MD	BN	FR	OXI	3I		
									CLY	2I		
									ARG	3I		
31.07	45.89	14.82	GRD	MG	Light grey-green phyllic and silicified granodiorite with varying faulting and fault-associated clay/gouge. Cut by chlorite stringers, clay seams, and carbonate veinlets. Patchy clay alteration.							
						LT	GY	FR	SIL	2I		
						LT	GN		PHC	3I		
									CLY	3I		
									CHL	2I		
45.89	52.02	6.13	GRD	MG	Pervasive phyllic with intense gouge/clay alteration. Core is incompetent. Cut by fully gouged grey veinlets. Short section with strong hematization.							
						LT	GY	SH	CLY	4I		
						LT	GN		PHC	3I		
52.02	53.02	1.00	GRD	MG	Light grey-green phyllic and silicified granodiorite with varying faulting and fault-associated clay/gouge. Cut by chlorite stringers, clay seams, and carbonate veinlets. Patchy clay alteration.							
						LT	GY		SIL	2I		
						LT	GN		PHC	3I		
									CLY	3I		
53.02	53.45	0.43	GRD	MG	Strong pervasive hematized granodiorite at fault margin.							
						DK	MR		HEM	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
53.45	88.70	35.25	GRD	MG	Fresh granodiorite with oxidation on fractures and trace patchy propylitic and potassic alteration. 1mm clay gouge on some fractures.							
						MD	GY		OXI	1I		
						LT	BN		PRO	1I		
									POT	1I		
88.70	89.98	1.28	GRD	MG	Phyllic halo on gouge/clay seams.							
						LT	GN		PHC	3I		
						LT	GY		CLY	3I		
89.98	97.12	7.14	GRD	MG	Fresh granodiorite with oxidation on fractures and trace patchy propylitic and potassic alteration. 1mm clay gouge on some fractures.							
						MD	GY		OXI	1I		
						LT	BN		PRO	1I		
									POT	1I		
97.12	97.55	0.43	GRD	FG	Strongly gouged granodiorite.							
						LT	GY		CLY	5I		
97.55	112.15	14.60	GRD	MG	Fresh granodiorite with oxidation on fractures and trace patchy propylitic and potassic alteration. 1mm clay gouge on some fractures.							
						MD	GY		PRO	1I		
						LT	BN		POT	1I		
112.15	113.82	1.67	GRD	MG	Proximal phyllic and distal argillic halos on banded quartz-carbonate vein. Potassic alteration overprints argillic.							
						LT	GN		PHC	2I		
						LT	PK		ARG	2I		
									POT	2I		
113.82	114.47	0.65	GRD	MG	Moderate propylitic altered granodiorite with fracturing. Fractures enhance clay alteration.							
						MD	GY	FR	PRO	3I		
						MD	GN		CLY	2I		
114.47	117.96	3.49	GRD	MG	Pervasive strong phyllic with clay seams. Cut by many white veinlets at 10 per metre frequency.							
						LT	GN		PHC	4I		
									CLY	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
117.96	118.77	0.81	BXA	FG	Barren, complex polyphase quartz carbonate breccia. 118.40-118.63 is a distinct light grey-milky quartz matrix breccia with rounded granodiorite clasts. Clasts (but not matrix) are cut by white silicified calcite veinlets. This sub-breccia has gouged upper border. 117.96-118.40m is more complex, with granodiorite brecciated by light grey massive quartz, then by pink carbonates (rhodochrosite and ankerite), then cut by medium grey massive quartz veins. Finally, these are all cut by white calcite veins/veinlets. 118.70-118.77m is a banded pink-cream rhodochrosite-ankerite vein with discontinuous smoky quartz along its borders. Smoky quartz hosts trade disseminated pyrite.							
						LT	GY	BX	SIL	3I		
						LT	WH		PHC	3I		
						LT	PK					
118.77	152.15	33.38	GRD	MG	Fresh granodiorite with localized patches of propylitic, potassic, and silicification, manifesting as white quartz eyes. Cut by few quartz-carbonate +/- pyrite veins/veinlets with phyllic halos.							
						MD	GY		SIL	2I		
									PRO	1I		
									POT	1I		
152.15	153.90	1.75	GRD	MG	Phyllic altered and silicified granodiorite adjacent to gouge.							
						LT	GY		PHC	4I		
						LT	GN		SIL	3I		
153.90	155.70	1.80	GRD	FG	Pervasively gouged fault. Core is entirely clay, with fragments of competent granodiorite.							
						LT	GN		CLY	5I		
155.70	156.18	0.48	GRD	MG	Phyllic altered and silicified granodiorite.							
						LT	GY		PHC	4I		
						LT	GN		SIL	2I		
									CHL	2I		
156.18	175.40	19.22	GRD	MG	Fresh granodiorite with patchy weak silicification, trace propylitic and trace potassic. Cut by quartz-carbonate veinlets +/- hematite and phyllic halos.							
						MD	GY	PA	SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	1I		
									POT	1I		
175.40	175.76	0.36	GRD	FG	Phyllic-propylitic altered granodiorite that has been faulted and converted to clay.							
						MD	GY		CLY	5I		
						LT	GN					
175.76	178.88	3.12	GRD	MG	Propylitic and phyllic altered granodiorite with faulting and fault gouge. Irregular slickenside surfaces.							
						MD	GN	RB	PRO	2I		
						LT	GN		PHC	3I		
									CLY	3I		
178.88	187.71	8.83	GRD	MG	Distal argillic and proximal phyllic halos on pyrite-bearing quartz-carbonate veins. Argillic is overprinted by phyllic.							
						LT	GN		SIL	2I		
									PHC	3I		
									ARG	2I		
187.71	188.87	1.16	GRD	MG	Distal argillic and proximal phyllic halos on pyrite-bearing quartz-carbonate veins. Argillic is overprinted by phyllic.							
						LT	GN		SIL	2I		
									PHC	3I		
									ARG	2I		
188.87	207.27	18.40	GRD	MG	Pervasive silicified granodiorite cut by quartz-carbonate-pyrite veinlets at 1-2 per metre frequency.							
						MD	GY		SIL	2I		
207.27	211.06	3.79	GRD	MG	Distal argillic and proximal phyllic halos on pyrite-bearing quartz-carbonate veins. Argillic is overprinted by potassic.							
						MD	GY		SIL	2I		
						LT	GN		PHC	3I		
						LT	PK		ARG	2I		
									POT	1I		
211.06	214.82	3.76	GRD	MG	Pervasively silicified granodiorite cut by veinlets/veins with phyllic halos. Trace potassic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	2I		
									POT	1I		
214.82	218.42	3.60	GRD	MG	Distal argillic and proximal phyllic envelopes on quartz-carbonate-pyrite vein breccia. Trace potassic overprinting argillic.							
						LT	PK		POT	1I		
						LT	GN		PHC	3I	Py	0.1
						LT	WH		ARG	2I		
218.42	219.19	0.77	GRD	MG	Pervasively silicified granodiorite cut by phyllic halos on quartz-carbonate-pyrite veinlets/veins. Trace potassic alteration.							
						MD	GY		SIL	2I		
									POT	1I		
219.19	220.89	1.70	GRD	MG	Proximal phyllic and distal argillic halos on quartz-pyrite veinlets.							
						LT	GN		PHC	3I	Py	0.1
						LT	WH		ARG	3I		
220.89	227.97	7.08	GRD	MG	Pervasively silicified granodiorite cut by phyllic halos on quartz-carbonate-pyrite veinlets/veins. Trace potassic alteration.							
						MD	GY		SIL	2I		
									POT	1I		
227.97	229.04	1.07	GRD	MG	Proximal phyllic and distal argillic halos on quartz-pyrite veinlets.							
						LT	GN		PHC	3I	Py	0.1
						LT	WH		ARG	2I		
229.04	238.18	9.14	GRD	MG	Pervasively silicified granodiorite cut by phyllic halos on quartz-carbonate-pyrite veinlets/veins. Trace potassic alteration.							
						MD	GY		SIL	2I		
									POT	1I		
238.18	239.12	0.94	GRD	MG	Proximal phyllic and distal argillic halos on quartz-pyrite veinlets.							
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
239.12	244.23	5.11	GRD	MG	Pervasively silicified granodiorite cut by phyllic halos on quartz-carbonate-pyrite veinlets/veins. Trace potassic alteration.							
						MD	GY		SIL	2I		
									POT	1I		
244.23	249.73	5.50	GRD	MG	Pervasive phyllic overprinting patchy weak argillic. Semi-pervasive silicification manifests as poorly defined white quartz eyes. Cut by quartz-carbonate veinlets +/- disseminated pyrite.							
						MD	GN		PHC	4I		
						LT	GN	PA	SIL	3I		
									ARG	2I		
249.73	250.54	0.81	BXA	MG	Two quartz-carbonate-pyrite breccias cutting silicified phyllic granodiorite and grey quartz-pyrite vein. Breccia 1 is 5 cm wide. Breccia 2 is at 250.20-250.54m is smoky quartz-white silicified calcite brecciated by massive tan ankerite. Then, cut by crustiform-vuggy white tan ankerite-calcite.							
						LT	GN	BX	SIL	2I	Py	1
									PHC	4I		
250.54	252.40	1.86	GRD	MG	Pervasive phyllic overprints patchy weak argillic. Semi-pervasive silicification manifests as poorly defined white quartz eyes. Cut by quartz-carbonate veinlets +/- pyrite.							
						MD	GN		PHC	4I		
						LT	GN		SIL	3I		
									ARG	1I		
252.40	257.97	5.57	GRD	MG	Semi-pervasive phyllic from overprinting vein halos with patchy argillic. Argillic is overprinted by phyllic. Veins are white-cream quartz-carbonate with trace disseminated pyrite.							
						MD	GN		ARG	2I		
						LT	GN	PA	PHC	3I		
257.97	258.82	0.85	GRD	MG	Pervasive propylitic granodiorite with narrow argillic on fractures.							
						MD	GN					
						MD	GY		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
258.82	259.97	1.15	GRD	MG	Former phyllic-argillic vein halos overprinted by semi-pervasive propylitic and potassic with trace hematite.							
						MD	GN		PRO	2I		
						MD	PK		POT	2I		
									ARG	1I		
									HEM	1I		
259.97	260.94	0.97	GRD	MG	Pervasive argillic with trace phyllic moderate potassic overprints.							
						MD	PK		POT	3I		
						LT	GN		ARG	2I		
									PHC	1I		
260.94	266.68	5.74	GRD	MG	Proximal phyllic and distal argillic vein halos with trace-weak propylitic and potassic overprints. Cut by quartz-carbonate veins.							
						MD	GN	PA	PRO	2I		
						LT	PK		POT	1I		
						LT	GN		ARG	1I		
									PHC	2I		
266.68	279.97	13.29	GRD	MG	Fresh granodiorite with trace propylitic and phyllic-argillic vein envelopes.							
						MD	GY		PRO	1I		
279.97	282.24	2.27	GRD	MG	Proximal phyllic and distal argillic vein envelopes on banded-colloform quartz-carbonate veins with disseminated-blebby pyrite. Phyllic overprints argillic.							
						LT	GN		PHC	3I	Py	0.1
									ARG	2I		
282.24	288.52	6.28	GRD	MG	Fresh granodiorite with trace propylitic and phyllic-argillic vein envelopes.							
						MD	GY		PRO	1I		
288.52	293.05	4.53	GRD	MG	Proximal phyllic and distal argillic vein envelopes on banded-colloform quartz-carbonate veins with disseminated-blebby pyrite. Phyllic overprints argillic.							
						LT	GN		PHC	3I	Py	0.1
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
293.05	297.90	4.85	GRD	MG	Fresh granodiorite cut by few carbonate veinlets (<1 per metre frequency) and trace patchy propylitic.							
						MD	GY		PRO	1I		
						MD	GN					
297.90	301.81	3.91	GRD	MG	Proximal phyllic and distal argillic vein envelopes, mostly on cream carbonate veinlets. Phyllic overprints argillic.							
						LT	GN		PHC	3I	Py	0.1
									ARG	2I		
301.81	301.98	0.17	GRD	MG	Phyllic and silicified granodiorite with disseminated pyrite. Crosscut by branching cream silicified carbonate veinelts.							
						MD	GN		SIL	2I	Py	2
									PHC	3I		
301.98	302.26	0.28	BXA	FG	Smoky quartz with disseminated-blebby pyrite brecciating pyrite-hosting milky quartz vein and granodiorite clasts. Cut by 60 TCA grey-orange banded chalcedony/agate.							
						DK	GY	BX	SIL	4I	Py	3
302.26	302.41	0.15	VEN	CG	Massive white-milky quartz vein with blebby pyrite and discontinuous smoky quartz bands.							
						LT	WH	MA	SIL	5I	Py	5
302.41	302.89	0.48	BXA	FG	Phyllic and silicified granodiorite brecciated by smoky quartz with dense mineralization. Smoky quartz hosts blebby pyrite, blebby-disseminated arsenopyrite, blebby honey brown sphalerite, disseminated jamesonite, and blebby galena. Galena, arsenopyrite, and sphalerite tend to have linear trends.							
						LT	GY	BX	SIL	3I	Py	10
						DK	GY		PHC	3I	As	5
											Sp	8
											Jm	0.1
											Gn	1
302.89	303.25	0.36	BXA	FG	Previous breccia rebrecciated by quartz feldspar porphyry dyke contact breccia.							
						LT	GY	BX	SIL	3I	Py	2
						DK	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
303.25	304.19	0.94	QFP	FG	Light tan (near contact) and medium maroon quartz feldspar porphyry dyke at contact with granodiorite. Gouged lower contact with grey-tan quartz feldspar porphyry dyke. Phenocrysts almost completely removed by hydrothermal. Medium maroon recovery is fractured. Cut by carbonate veinlets at 2 per metre frequency.							
						MD	MR	FR	HYD	4I		
						LT	TN	PO	SIL	1I		
304.19	310.51	6.32	QFP	FG	Light tan-grey quartz feldspar porphyry dyke with fine-medium anhedral phenocrysts. Gouged top and bottom contacts.							
						LT	TN	PO	SIL	1I		
						LT	GY		HYD	3I		
310.51	314.59	4.08	GRD	MG	Pervasive phyllic and silicified granodiorite with disseminated-blebby pyrite in groundmass, cut by pyrite-bearing quartz +/- carbonate veins.							
						LT	GN		SIL	3I	Py	2
						LT	GY		PHC	4I		
314.59	320.04	5.45	GRD	MG	Patchy propylitic and silicified granodiorite cut by quartz-carbonate veinlets with narrow phyllic halos.							
						MD	GN		PHC	2I		
						MD	GY		SIL	2I		
						LT	GN		PRO	3I		

KL-14-229

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
5.05	13.40	8.35	GRD	MG	Fractured rubbly granodiorite with patchy chloritization and hematization. Hematite and oxidation on fractures.							
						MD	RD	RB	HEM	2I		
						MD	BN		CHL	2I		
						MD	GY	FR	OXI	2I		
13.40	31.07	17.67	GRD	MG	Fractured granodiorite with pervasive oxidation and clay seams. Patch argillic and oxide staining.							
						MD	BN	FR	OXI	3I		
									CLY	2I		
									ARG	3I		
31.07	53.45	22.38	GRD	MG	Light grey-green phyllic and silicified granodiorite with varying faulting and fault-associated clay/gouge. Cut by chlorite stringers, clay seams, and carbonate veinlets. Patchy clay alteration.							
						LT	GN		PHC	3I		
									CLY	3I		
						LT	GY	FR	SIL	2I		
									CHL	2I		
53.45	114.47	61.02	GRD	MG	Fresh granodiorite with oxidation on fractures and trace patchy propylitic and potassic alteration. 1mm clay gouge on some fractures.							
									POT	1I		
						MD	GY		OXI	1I		
						LT	BN		PRO	1I		
114.47	117.96	3.49	GRD	MG	Pervasive strong phyllic with clay seams. Cut by many white veinlets at 10 per metre frequency.							
									CLY	2I		
						LT	GN		PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
117.96	118.77	0.81	BXA	FG	Barren, complex polyphase quartz carbonate breccia. 118.40-118.63 is a distinct light grey-milky quartz matrix breccia with rounded granodiorite clasts. Clasts (but not matrix) are cut by white silicified calcite veinlets. This sub-breccia has gouged upper border. 117.96-118.40m is more complex, with granodiorite brecciated by light grey massive quartz, then by pink carbonates (rhodochrosite and ankerite), then cut by medium grey massive quartz veins. Finally, these are all cut by white calcite veins/veinlets. 118.70-118.77m is a banded pink-cream rhodochrosite-ankerite vein with discontinuous smoky quartz along its borders. Smoky quartz hosts trade disseminated pyrite.							
						LT	PK					
						LT	GY	BX	SIL	3I		
						LT	WH		PHC	3I		
118.77	152.15	33.38	GRD	MG	Fresh granodiorite with localized patches of propylitic, potassic, and silicification, manifesting as white quartz eyes. Cut by few quartz-carbonate +/- pyrite veins/veinlets with phyllic halos.							
									POT	1I		
									PRO	1I		
						MD	GY		SIL	2I		
152.15	156.18	4.03	GRD	MG	Phyllic altered granodiorite with gouged fault. Adjacent competent core is silicified.							
									CLY	2I		
						LT	GN		SIL	2I		
						LT	GY		PHC	4I		
156.18	175.76	19.58	GRD	MG	Fresh granodiorite with patchy weak silicification, trace propylitic and trace potassic. Cut by quartz-carbonate veinlets +/- hematite and phyllic halos.							
						MD	GN		PRO	1I		
						MD	GY	PA	CLY	5I		
									POT	1I		
175.76	178.88	3.12	GRD	MG	Propylitic and phyllic altered granodiorite with faulting and fault gouge. Irregular slickenside surfaces.							
									CLY	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	RB	PRO	2I		
						LT	GN		PHC	3I		
178.88	187.71	8.83	GRD	MG	Pervasive weak-trace propylitic altered granodiorite. Cut by low angle calcite-hematite veinlet with stronger propylitic halo.							
						MD	GY					
						MD	GN		PRO	1I		
187.71	188.87	1.16	GRD	MG	Distal argillic and proximal phyllic halos on pyrite-bearing quartz-carbonate veins. Argillic is overprinted by phyllic.							
									PHC	3I		
						LT	GN		SIL	2I		
									ARG	2I		
188.87	207.27	18.40	GRD	MG	Pervasive silicified granodiorite cut by quartz-carbonate-pyrite veinlets at 1-2 per metre frequency.							
						MD	GY		SIL	2I		
207.27	211.06	3.79	GRD	MG	Distal argillic and proximal phyllic halos on pyrite-bearing quartz-carbonate veins. Argillic is overprinted by potassic.							
									POT	1I		
						LT	PK		ARG	2I		
						LT	GN		PHC	3I		
						MD	GY		SIL	2I		
211.06	244.23	33.17	GRD	MG	Pervasively silicified granodiorite cut by veinlets/veins with phyllic halos. Trace potassic alteration.							
									POT	1I		
						MD	GY		SIL	2I		
244.23	266.68	22.45	GRD	MG	Pervasive phyllic altered granodiorite in wide envelope on quartz-carbonate breccias at 250m. Patchy argillic, potassic, and semi-pervasive silicification.							
						LT	GN		SIL	3I	Py	0.1
						MD	GN		PHC	4I		
									ARG	2I		
266.68	288.52	21.84	GRD	MG	Fresh granodiorite with trace propylitic and phyllic-argillic vein envelopes.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PRO	1I		
288.52	293.05	4.53	GRD	MG	Proximal phyllic and distal argillic vein envelopes on banded-colloform quartz-carbonate veins with disseminated-blebby pyrite. Phyllic overprints argillic.							
									ARG	2I		
						LT	GN		PHC	3I	Py	0.1
293.05	297.90	4.85	GRD	MG	Fresh granodiorite cut by few carbonate veinlets (<1 per metre frequency) and trace patchy propylitic.							
						MD	GY		PRO	1I		
						MD	GN					
297.90	301.81	3.91	GRD	MG	Proximal phyllic and distal argillic vein envelopes, mostly on cream carbonate veinlets. Phyllic overprints argillic.							
									ARG	2I		
						LT	GN		PHC	3I	Py	0.1
301.81	303.25	1.44	VEN	MG	Hanging wall vein zone. Well-mineralized zone consisting of veins, breccias, and densely disseminated sulphides in granodiorite.							
											Sp	2
						DK	GY		PHC	3I	As	2
						MD	GY	BX	SIL	3I	Py	3
											Gn	2
303.25	310.51	7.26	QFP	FG	What appears to be two differet quartz feldspar porphyry dyke phases differentiated by colour and gouged contact.							
						LT	GY	PO	SIL	1I		
						LT	TN		HYD	3I		
						LT	GN					
						MD	MR					
310.51	314.59	4.08	GRD	MG	Pervasive phyllic and silicified granodiorite with disseminated-blebby pyrite in groundmass, cut by pyrite-bearing quartz +/- carbonate veins.							
						LT	GY		PHC	4I		
						LT	GN		SIL	3I	Py	2
314.59	320.04	5.45	GRD	MG	Patchy propylitic and silicified granodiorite cut by quartz-carbonate veinlets with narrow phyllic halos.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		SIL	2I		
						LT	GN		PRO	3I		
						MD	GN		PHC	2I		

KL-14-229

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	5.05	5.05	0	0	0.00	0	--	--	--	
5.05	5.18	0.13	0.13	100	0.00	0	--	4H	3W	
5.18	8.23	3.05	0.35	11	0.00	0	--	3H	3W	
8.23	11.28	3.05	1.22	40	0.18	6	--	3H	2W	
11.28	14.33	3.05	1.84	60	0.23	8	--	3H	3W	
14.33	17.37	3.04	1.59	52	0.00	0	--	3H	3W	
17.37	20.42	3.05	1.95	64	0.27	9	--	3H	3W	
20.42	23.47	3.05	1.96	64	0.38	12	--	3H	3W	
23.47	26.52	3.05	2.53	83	0.87	29	--	3H	3W	
26.52	29.57	3.05	2.77	91	1.49	49	--	3H	3W	
29.57	32.61	3.04	2.9	95	0.81	27	--	3H	2W	
32.61	35.66	3.05	2.94	96	1.18	39	--	3H	1W	
35.66	38.71	3.05	2.63	86	0.42	14	--	3H	1W	
38.71	41.76	3.05	2.38	78	0.85	28	--	3H	1W	
41.76	44.81	3.05	2.39	78	0.30	10	--	2H	1W	
44.81	47.85	3.04	2.98	98	0.30	10	--	2H	1W	
47.85	50.90	3.05	2.83	93	0.00	0	--	2H	1W	
50.90	53.95	3.05	2.83	93	1.09	36	--	3H	2W	
53.95	57.00	3.05	2.68	88	2.03	67	--	4H	2W	
57.00	60.05	3.05	2.87	94	1.70	56	--	4H	1W	
60.05	63.09	3.04	2.64	87	1.42	47	--	4H	1W	
63.09	66.14	3.05	2.63	86	1.13	37	--	4H	1W	
66.14	69.19	3.05	2.4	79	0.70	23	--	4H	1W	
69.19	72.24	3.05	2.53	83	0.77	25	--	4H	1W	
72.24	75.29	3.05	2.46	81	0.28	9	--	4H	1W	
75.29	78.33	3.04	2.97	98	0.57	19	--	4H	1W	
78.33	81.38	3.05	2.96	97	1.54	50	--	4H	1W	
81.38	84.43	3.05	2.92	96	0.76	25	--	4H	1W	
84.43	87.48	3.05	2.67	88	1.07	35	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.78	91	1.21	40	--	3H	1W	
90.53	93.57	3.04	2.48	82	0.51	17	--	4H	1W	
93.57	96.62	3.05	2.27	74	0.11	4	--	4H	1W	
96.62	99.67	3.05	2.73	90	0.63	21	--	4H	1W	
99.67	102.72	3.05	2.88	94	1.32	43	--	4H	1W	
102.72	105.77	3.05	3	98	1.38	45	--	4H	1W	
105.77	108.81	3.04	2.94	97	0.83	27	--	4H	1W	
108.81	111.86	3.05	3.05	100	0.62	20	--	4H	1W	
111.86	114.91	3.05	2.71	89	0.36	12	--	2H	1W	
114.91	117.96	3.05	2.98	98	0.67	22	--	3H	1W	
117.96	121.01	3.05	3.01	99	1.94	64	--	4H	1W	
121.01	124.05	3.04	2.96	97	2.29	75	--	3H	1W	
124.05	127.10	3.05	2.89	95	1.86	61	--	4H	1W	
127.10	130.15	3.05	2.99	98	2.27	74	--	4H	1W	
130.15	133.20	3.05	3	98	2.83	93	--	4H	1W	
133.20	136.25	3.05	2.93	96	2.35	77	--	4H	1W	
136.25	139.29	3.04	2.92	96	2.56	84	--	4H	1W	
139.29	142.34	3.05	3	98	2.81	92	--	4H	1W	
142.34	145.39	3.05	2.99	98	2.80	92	--	4H	1W	
145.39	148.44	3.05	2.71	89	1.60	52	--	4H	1W	
148.44	151.49	3.05	3.05	100	2.14	70	--	4H	1W	
151.49	154.53	3.04	3	99	1.42	47	--	2H	1W	
154.53	157.58	3.05	2.74	90	1.03	34	--	2H	1W	
157.58	160.63	3.05	2.91	95	2.29	75	--	4H	1W	
160.63	163.68	3.05	3.05	100	3.04	100	--	3H	1W	
163.68	166.73	3.05	3.01	99	1.84	60	--	4H	1W	
166.73	169.77	3.04	2.91	96	2.49	82	--	4H	1W	
169.77	172.82	3.05	2.79	91	1.90	62	--	3H	1W	
172.82	175.87	3.05	2.41	79	1.87	61	--	2H	1W	
175.87	178.92	3.05	3.05	100	0.91	30	--	2H	1W	
178.92	181.97	3.05	3.04	100	1.20	39	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	1.63	54	--	4H	1W	
185.01	188.06	3.05	2.9	95	2.47	81	--	4H	1W	
188.06	191.11	3.05	3.05	100	2.61	86	--	4H	1W	
191.11	194.16	3.05	3.05	100	2.85	93	--	5H	1W	
194.16	197.21	3.05	3	98	2.34	77	--	4H	1W	
197.21	200.25	3.04	3.04	100	2.57	85	--	4H	1W	
200.25	203.30	3.05	3.02	99	2.64	87	--	4H	1W	
203.30	206.35	3.05	2.95	97	2.36	77	--	4H	1W	
206.35	209.40	3.05	3.05	100	2.46	81	--	4H	1W	
209.40	212.45	3.05	3.05	100	2.84	93	--	4H	1W	
212.45	215.49	3.04	3.04	100	2.02	66	--	3H	1W	
215.49	218.54	3.05	3.05	100	2.68	88	--	4H	1W	
218.54	221.59	3.05	3.04	100	2.30	75	--	4H	1W	
221.59	224.64	3.05	3.04	100	2.22	73	--	4H	1W	
224.64	227.69	3.05	3.05	100	2.32	76	--	4H	1W	
227.69	230.73	3.04	3	99	2.66	88	--	3H	1W	
230.73	233.78	3.05	3.02	99	1.93	63	--	3H	1W	
233.78	236.83	3.05	3.04	100	2.58	85	--	4H	1W	
236.83	239.88	3.05	3.05	100	2.68	88	--	3H	1W	
239.88	242.93	3.05	3.05	100	1.72	56	--	4H	1W	
242.93	245.97	3.04	2.95	97	2.33	77	--	3H	1W	
245.97	249.02	3.05	3.05	100	1.81	59	--	3H	1W	
249.02	252.07	3.05	3	98	1.33	44	--	4H	1W	
252.07	255.12	3.05	2.95	97	1.86	61	--	3H	1W	
255.12	258.17	3.05	3.05	100	1.58	52	--	3H	1W	
258.17	261.21	3.04	3.03	100	2.09	69	--	3H	1W	
261.21	264.26	3.05	3.02	99	1.88	62	--	4H	1W	
264.26	267.31	3.05	2.99	98	1.26	41	--	3H	1W	
267.31	270.36	3.05	3.02	99	0.86	28	--	3H	1W	
270.36	273.41	3.05	3.03	99	1.66	54	--	4H	1W	
273.41	276.45	3.04	3.02	99	2.45	81	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.45	279.50	3.05	3	98	2.09	69	--	4H	1W	
279.50	282.55	3.05	3.05	100	2.27	74	--	3H	1W	
282.55	285.60	3.05	3.01	99	2.56	84	--	3H	1W	
285.60	288.65	3.05	3.02	99	2.01	66	--	4H	1W	
288.65	291.69	3.04	2.98	98	2.16	71	--	3H	1W	
291.69	294.74	3.05	2.94	96	2.03	67	--	3H	1W	
294.74	297.79	3.05	3.05	100	2.29	75	--	3H	1W	
297.79	300.84	3.05	3.04	100	2.41	79	--	3H	1W	
300.84	303.89	3.05	3.02	99	2.08	68	--	3H	1W	
303.89	306.93	3.04	3.04	100	1.78	59	--	2H	1W	
306.93	309.98	3.05	3.05	100	2.38	78	--	4H	1W	
309.98	313.03	3.05	2.98	98	1.82	60	--	2H	1W	
313.03	316.08	3.05	3.05	100	2.39	78	--	3H	1W	
316.08	319.13	3.05	3.05	100	2.71	89	--	4H	1W	
319.13	320.04	0.91	0.88	97	0.70	77	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
9	1.791	GRD	
11	2.087	GRD	
12	2.699	GRD	
13	0.778	GRD	
15	0.293	GRD	
18	0.811	GRD	
19	0.554	GRD	
20	0.251	GRD	
21	0.251	GRD	
22	0.258	GRD	
23	0.251	GRD	
24	0.692	GRD	
25	0.474	GRD	
26	0.308	GRD	
27	0.386	GRD	
28	0.518	GRD	
29	0.281	GRD	
30	0.209	GRD	
31	0.296	GRD	
32	0.289	GRD	
33	0.326	GRD	
34	0.353	GRD	
35	0.33	GRD	
36	0.37	GRD	
37	0.329	GRD	
38	0.402	GRD	
39	0.298	GRD	
40	0.342	GRD	
41	0.413	GRD	
42	0.355	GRD	
43	0.388	GRD	
44	0.401	GRD	
45	0.32	GRD	
46	0.309	GRD	
47	0.247	GRD	
48	0.307	GRD	
49	0.305	GRD	
50	0.374	GRD	
51	0.327	GRD	
52	0.765	GRD	
53	0.416	GRD	
54	22.3	GRD	
55	0.529	GRD	
56	0.766	GRD	
57	11.3	GRD	
58	10.6	GRD	
59	13.9	GRD	
60	14.9	GRD	
61	15.7	GRD	
62	14.3	GRD	
63	13.8	GRD	
64	17.1	GRD	
65	33.4	GRD	
66	14.1	GRD	
67	13.4	GRD	
68	13	GRD	
69	14.8	GRD	
70	11.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
71	14.4	GRD	
72	13.3	GRD	
73	2.75	GRD	
74	10.5	GRD	
75	13.8	GRD	
76	14.4	GRD	
77	7.14	GRD	
78	12.3	GRD	
79	14.8	GRD	
80	11.5	GRD	
81	10.1	GRD	
82	0.336	GRD	
83	15.1	GRD	
84	0.828	GRD	
85	14.7	GRD	
86	5.68	GRD	
87	5.49	GRD	
88	7.47	GRD	
89	0.349	GRD	
90	1.61	GRD	
91	3.09	GRD	
92	13.3	GRD	
93	7.14	GRD	
94	17	GRD	
95	0.361	GRD	
96	0.518	GRD	
97	17	GRD	
98	8.93	GRD	
99	0.277	GRD	
100	14	GRD	
101	13.7	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
102	14.5	GRD	
103	10.5	GRD	
104	0.618	GRD	
105	16.7	GRD	
106	18.5	GRD	
107	12.47	GRD	
108	16.8	GRD	
109	20	GRD	
110	19.5	GRD	
111	7.66	GRD	
112	8.56	GRD	
113	0.315	GRD	
114	2.28	GRD	
115	0.431	GRD	
116	0.804	GRD	
117	0.396	GRD	
118	0.392	BXA	
119	0.353	GRD	
120	11.8	GRD	
121	8.18	GRD	
122	7.65	GRD	
123	9.19	GRD	
124	1.39	GRD	
125	10.99	GRD	
126	15.9	GRD	
127	16.2	GRD	
128	14.6	GRD	
129	3.49	GRD	
130	17.5	GRD	
131	16.8	GRD	
132	15.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
133	17.4	GRD	
134	17.1	GRD	
135	19.96	GRD	
136	11.8	GRD	
137	17.8	GRD	
138	17.8	GRD	
139	17.9	GRD	
140	19.3	GRD	
141	19.3	GRD	
142	16.5	GRD	
143	16.2	GRD	
144	15.6	GRD	
145	16.5	GRD	
146	11.7	GRD	
147	18.6	GRD	
148	12.3	GRD	
149	17.5	GRD	
150	20.9	GRD	
151	0.361	GRD	
152	0.338	GRD	
153	0.473	GRD	
154	0.233	GRD	
155	0.165	GRD	
156	0.68	GRD	
157	0.999	GRD	
158	21.79	GRD	
159	17.3	GRD	
160	16	GRD	
161	13.4	GRD	
162	16.6	GRD	
163	20.1	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
164	19.7	GRD	
165	19.5	GRD	
166	20.8	GRD	
167	23	GRD	
168	4.35	GRD	
169	21.4	GRD	
170	20	GRD	
171	17.9	GRD	
172	8.9	GRD	
173	0.84	GRD	
174	1.55	GRD	
175	2.53	GRD	
176	8.05	GRD	
177	0.568	GRD	
178	1.027	GRD	
179	11.5	GRD	
180	15.76	GRD	
181	18.38	GRD	
182	14.44	GRD	
183	1.11	GRD	
184	1.084	GRD	
185	2.637	GRD	
186	14.95	GRD	
187	0.595	GRD	
188	0.197	GRD	
189	14.17	GRD	
190	17.74	GRD	
191	18.05	GRD	
192	17.28	GRD	
193	19.57	GRD	
194	21.59	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
195	20.95	GRD	
196	22.48	GRD	
197	17.65	GRD	
198	17.94	GRD	
199	11.95	GRD	
200	19.21	GRD	
201	3.705	GRD	
202	20.2	GRD	
203	11.23	GRD	
204	4.412	GRD	
205	16.54	GRD	
206	0.918	GRD	
207	12.38	GRD	
208	0.369	GRD	
209	1.781	GRD	
210	4.772	GRD	
211	0.492	GRD	
212	9.686	GRD	
213	19.27	GRD	
214	15.98	GRD	
215	0.4	GRD	
216	0.413	GRD	
217	18.09	GRD	
218	18.26	GRD	
219	18.86	GRD	
220	0.522	GRD	
221	7.711	GRD	
222	2.851	GRD	
223	8.679	GRD	
224	13	GRD	
225	17.59	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
226	15.99	GRD	
227	15.28	GRD	
228	0.687	GRD	
229	7.758	GRD	
230	9.492	GRD	
231	0.263	GRD	
232	0.497	GRD	
233	0.425	GRD	
234	15.585	GRD	
235	7.972	GRD	
236	0.505	GRD	
237	6.37	GRD	
238	0.554	GRD	
239	0.524	GRD	
240	13.43	GRD	
241	6.72	GRD	
242	0.769	GRD	
243	7.15	GRD	
244	1.714	GRD	
245	0.332	GRD	
246	0.473	GRD	
247	0.455	GRD	
248	0.3	GRD	
249	0.517	GRD	
250	0.276	GRD	
251	0.31	GRD	
252	0.336	GRD	
253	4.659	GRD	
254	0.439	GRD	
255	1.753	GRD	
256	0.335	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
257	0.372	GRD	
258	11.58	GRD	
259	0.475	GRD	
260	1.853	GRD	
261	0.742	GRD	
262	0.537	GRD	
263	0.503	GRD	
264	0.848	GRD	
265	1.819	GRD	
266	0.616	GRD	
267	0.404	GRD	
268	0.504	GRD	
269	9.986	GRD	
270	12.77	GRD	
271	18.74	GRD	
272	3.11	GRD	
273	19.69	GRD	
274	13.56	GRD	
275	7.693	GRD	
276	15.54	GRD	
277	16.12	GRD	
278	19.47	GRD	
279	13.39	GRD	
280	14.23	GRD	
281	1.311	GRD	
282	0.548	GRD	
283	18.57	GRD	
284	19.13	GRD	
285	19.11	GRD	
286	19.4	GRD	
287	1.586	GRD	
288	5.86	GRD	
289	0.309	GRD	
290	0.319	GRD	
291	0.273	GRD	
292	0.313	GRD	
293	1.088	GRD	
294	0.713	GRD	
295	7.242	GRD	
296	0.452	GRD	
297	0.49	GRD	
298	0.398	GRD	
299	1.565	GRD	
300	7.313	GRD	
301	0.477	GRD	
302	0.082	VEN	
303	0.301	VEN	
304	0.394	QFP	
305	0.238	QFP	
306	0.238	QFP	
307	0.235	QFP	
308	0.232	QFP	
309	0.247	QFP	
310	0.299	QFP	
311	0.376	GRD	
312	0.333	GRD	
313	0.296	GRD	
314	0.534	GRD	
315	2.601	GRD	
316	1.689	GRD	
317	0.565	GRD	
318	12.71	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
319	14.92	GRD	
320	15.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381844	6889917	1322.29	90.53

ZONE: Tech

SECTION:

HOLE: KL-14-230

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth:

Drilling Dates: -

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	128.4	-49.2	Reflex
90.52	124.3	-50.3	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.56	3.56	CAS
3.56	22.57	19.01	GRD
22.57	25.21	2.64	GRD
25.21	28.58	3.37	GRD
28.58	32.61	4.03	GRD
32.61	36.2	3.59	GRD
36.2	46.8	10.6	GRD
46.8	52.11	5.31	QFP
52.11	52.46	0.35	GRD
52.46	56.84	4.38	GRD
56.84	90.53	33.69	GRD

SAMPLES	
Numbers:	Q935067 to Q935103
Total:	39
Batch:	183, 186
Certificates:	WH14125439, WH14128251

COMMENTS

Box Log

KL-14-230

Klaza Tech Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.59	6.4
2	6.4	9.23
3	9.23	11.74
4	11.74	14.48
5	14.48	17.37
6	17.37	20
7	20	22.57
8	22.57	25.35
9	25.35	28.41
10	28.41	30.87
11	30.87	33.53
12	33.53	36.29
13	36.29	39.19
14	39.19	42.11
15	42.11	44.97
16	44.97	48.23
17	48.23	51.5
18	51.5	54.85
19	54.85	57.74
20	57.74	60.85
21	60.85	63.8
22	63.8	66.9
23	66.9	69.8
24	69.8	72.7
25	72.7	75.65
26	75.65	78.45
27	78.45	81.38
28	81.38	84.32
29	84.32	87.32
30	87.32	90.1
31	90.1	90.53

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-230									
	52.11	10.1	HQ	QFP	1082.8	763.9	3.67	3.4	Smokey quartz vein with interstitial white carbonate. Hosts blebby pyrite, sphalerite and disseminated arsenopyrite and jamesonite.
	52.11	10.1	HQ	GRD	1082.8	763.9	3.67	3.4	Smokey quartz vein with interstitial white carbonate. Hosts blebby pyrite, sphalerite and disseminated arsenopyrite and jamesonite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.56	22.57	19.01	GRD	MG	Trace potassic/propyllitic altered granodiorite with small patches of moderately oxidized argillic alteration. Moderate oxidation along fracture surfaces.							
						MD	GY		ARG	3I		
						MD	OR		POT	1I		
						LT	GY	PA	OXI	3I		
									PRO	1I		
22.57	25.21	2.64	GRD	MG	Pervasively moderate to strongly oxidized, moderately silicified weak potassic/propyllitic/argillic (?)altered granodiorite. Patchy partial gouge altered. Silicification and oxidation obscures rock textures.							
						MD	OR		OXI	4I		
						MD	GY		SIL	3I		
						LT	OR		OXI	3I		
									ARG	2I		
									POT	2I		
									PRO	2I		
25.21	28.58	3.37	GRD	MG	Moderately silicified, weak potassic/propyllitic overprinted weak to moderate argillic alteration. Weak oxidation along fractures. Silicification obscures rock textures.							
						LT	GY		OXI	2I		
						LT	OR		OXI	3I		
						LT	GN		ARG	2I		
									PRO	2I		
									ARG	3I		
									POT	2I		
28.58	30.84	2.26	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite with patches of intensely silicifed+hematized+/- moderate to strongly chloritized. Moderate oxidation along fractures.							
						LT	GY	PA	SIL	3I		
						LT	GN		PRO	2I		
						DK	GN		POT	2I		
						DK	RD		SIL	5I		
									OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									HEM	5I		
									CHL	3I		
									CHL	4I		
30.84	31.31	0.47	GRD	MG	Gouge altered moderately silicified phyllic envelope around a quartz vein.							
						MD	GY	EN	PHC	3I		
						MD	GN		SIL	3I		
31.31	32.61	1.30	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite with patches of intensely silicifed+hematized+/- moderate to strongly chloritized. Moderate oxidation along fractures.							
						LT	GY	PA	SIL	3I		
						LT	GN		PRO	2I		
						DK	GN		POT	2I		
						DK	RD		SIL	5I		
									CHL	4I		
									HEM	5I		
									OXI	3I		
									CHL	3I		
32.61	36.20	3.59	GRD	MG	Moderately silicified, weak propyllitic/phyllic altered granodiorite with a pervasive net of strong hematization. Weak oxidation along fracture surfaces.							
						LT	GN	NE	SIL	3I		
						LT	GY		PHC	2I		
						DK	RD		PRO	2I		
									HEM	4I		
36.20	46.80	10.60	GRD	MG	Moderately silicified, moderate phyllic altered granodiorite with patches of phyllic overprinted argillic alteration. Pervasive nets of moderate-strong chlorite veinlets and gouge alteration. Silicification and gouge alteration obscures rock textures.							
						MD	GN	PA	PHC	3I		
						MD	GY	NE	SIL	3I		
									PRO	3I		
									PRO	4I		
									ARG	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
46.80	48.91	2.11	QFP	FG	Weakly gouge altered, light tan/grey and dark red quartz feldspar porphyry dyke. Light tan near dyke contacts with granodiorite. Upper contact is gouge altered and oriented at 65 TCA. Lower contact is gouge altered and rubbly, no angle.							
						LT	TN					
						LT	GY					
						DK	RD	PO				
48.91	49.94	1.03	GRD	MG	Weak to moderate gouge altered strongly silicified phyllic/propyllitic altered granodiorite. Hosts disseminated to blebby pyrite.							
						MD	GN					
						MD	GY		PHC	4I	Py	1
						DK	GN		PRO	4I		
49.94	52.11	2.17	QFP	FG	Weakly gouge altered, light tan/grey and dark red quartz feldspar porphyry dyke. Light tan near dyke contacts with granodiorite.							
						LT	GY					
						LT	TN					
						DK	RD	PO				
52.11	52.46	0.35	GRD	MG	Strongly silicified, strongly propyllitic/phyllic altered granodiorite hosting disseminated pyrite. Hosts a poly-metallic quartz contact vein.							
						DK	GY		SIL	4I	Py	1
						DK	GN		PRO	4I		
									PHC	4I		
52.46	56.84	4.38	GRD	MG	Moderately silicified, moderate potassic/propyllitic altered granodiorite. End of interval has rubbly patches of moderately argillic alteration.							
						MD	GN	RB	PRO	3I		
						MD	GY	PA	SIL	3I		
									POT	3I		
56.84	85.00	28.16	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
									ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
87.25	90.53	3.28	GRD	MG	Weak potassic/propyllitic altered granodiorite with rubbly patches of argillic alteration. Moderately silicified.							
						MD	GY	PA	SIL	3I		
						MD	PK		POT	2I		
						LT	GN		ARG	3I		
						DK	GN		PRO	2I		

KL-14-230

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
3.56	22.57	19.01	GRD	MG	Trace potassic/propyllitic altered granodiorite with small patches of moderately oxidized argillic alteration. Moderate oxidation along fracture surfaces.							
						MD	GY		ARG	3I		
						MD	OR		POT	1I		
									PRO	1I		
						LT	GY	PA	OXI	3I		
22.57	25.21	2.64	GRD	MG	Pervasively moderate to strongly oxidized, moderately silicified weak potassic/propyllitic/argillic (?)altered granodiorite. Patchy partial gouge altered. Silicification and oxidation obscures rock textures.							
						LT	OR		OXI	3I		
						MD	OR		OXI	4I		
						MD	GY		SIL	3I		
									ARG	2I		
									POT	2I		
									PRO	2I		
25.21	28.58	3.37	GRD	MG	Moderately silicified, weak potassic/propyllitic overprinted weak to moderate argillic alteration. Weak oxidation along fractures. Silicification obscures rock textures.							
						LT	GY		OXI	2I		
									PRO	2I		
									POT	2I		
									ARG	3I		
						LT	OR		OXI	3I		
						LT	GN		ARG	2I		
28.58	32.61	4.03	GRD	MG	Moderately silicified weak potassic/propyllitic altered granodiorite with patches of intensely silicifed+hematized+/- moderate to strongly chloritized. Moderate oxidation along fractures.							
									OXI	3I		
						LT	GY	PA	SIL	3I		
						LT	GN		PRO	2I		
						DK	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	RD		SIL	5I		
									HEM	5I		
									CHL	4I		
									CHL	3I		
32.61	36.20	3.59	GRD	MG	Moderately silicified, weak propyllitic/phyllic altered granodiorite with a pervasive net of strong hematization. Weak oxidation along fracture surfaces.							
						LT	GN	NE	SIL	3I		
						LT	GY		PHC	2I		
						DK	RD		PRO	2I		
									HEM	4I		
36.20	46.80	10.60	GRD	MG	Moderately silicified, moderate phyllic altered granodiorite with patches of phyllic overprinted argillic alteration. Pervasive nets of moderate-strong chlorite veinlets and gouge alteration. Silicification and gouge alteration obscures rock textures.							
									ARG	4I		
						MD	GY	NE	SIL	3I		
						MD	GN	PA	PHC	3I		
									PRO	3I		
									PRO	4I		
46.80	52.11	5.31	QFP	FG	Weakly gouge altered, light tan/grey and dark red quartz feldspar porphyry dyke. Light tan near dyke contacts with granodiorite. Upper contact is gouge altered and oriented at 65 TCA. Lower contact is gouge altered and rubbly, no angle.							
						LT	GY					
						DK	RD	PO				
						LT	TN					
52.11	52.46	0.35	GRD	MG	Strongly silicified, strongly propyllitic/phyllic altered granodiorite hosting disseminated pyrite. Hosts a poly-metallic quartz contact vein.							
						DK	GY		SIL	4I	Py	1
						DK	GN		PRO	4I		
									PHC	4I		
52.46	56.84	4.38	GRD	MG	Moderately silicified, moderate potassic/propyllitic altered granodiorite. End of interval has rubbly patches of moderately argillic alteration.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PA	SIL	3I		
						MD	GN	RB	PRO	3I		
									POT	3I		
56.84	90.53	33.69	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						DK	GN		PRO	2I		
						MD	GY		SIL	3I		
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.59	3.59	0	0	0.00	0	--	--	--	
3.59	5.18	1.59	1.58	99	0.30	19	--	2H	4W	
5.18	8.23	3.05	3	98	0.39	13	--	3H	3W	
8.23	11.28	3.05	2.65	87	0.20	7	--	3H	3W	
11.28	14.33	3.05	2.94	96	0.73	24	--	4H	3W	
14.33	17.37	3.04	2.99	98	0.84	28	--	3H	2W	
17.37	20.42	3.05	2.72	89	0.77	25	--	3H	2W	
20.42	23.47	3.05	2.7	89	0.95	31	--	3H	3W	
23.47	26.52	3.05	3.05	100	0.99	32	--	2H	3W	
26.52	29.57	3.05	2.84	93	1.03	34	--	3H	3W	
29.57	32.61	3.04	2.85	94	0.52	17	--	2H	2W	
32.61	35.66	3.05	3.05	100	1.08	35	--	3H	2W	
35.66	38.71	3.05	3.05	100	1.59	52	--	3H	1W	
38.71	41.76	3.05	2.89	95	1.43	47	--	3H	2W	
41.76	44.81	3.05	2.9	95	1.17	38	--	2H	1W	
44.81	47.85	3.04	2.96	97	2.18	72	--	2H	1W	
47.85	50.90	3.05	3	98	2.08	68	--	2H	1W	
50.90	53.95	3.05	2.93	96	1.13	37	--	3H	1W	
53.95	57.00	3.05	2.96	97	1.21	40	--	2H	1W	
57.00	60.05	3.05	3.05	100	1.24	41	--	3H	1W	
60.05	63.09	3.04	2.9	95	0.82	27	--	2H	1W	
63.09	66.14	3.05	3.04	100	0.92	30	--	3H	1W	
66.14	69.19	3.05	3.02	99	0.93	30	--	4H	1W	
69.19	72.24	3.05	3.05	100	1.64	54	--	4H	1W	
72.24	75.29	3.05	3.05	100	2.10	69	--	4H	1W	
75.29	78.33	3.04	3.04	100	0.95	31	--	3H	1W	
78.33	81.38	3.05	2.98	98	1.43	47	--	4H	1W	
81.38	84.43	3.05	3.04	100	0.51	17	--	3H	1W	
84.43	87.48	3.05	3.02	99	0.93	30	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	0.63	21	--	2H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
3	4.494	CAS	
4	0.355	GRD	
5	8.026	GRD	
6	13.95	GRD	
7	4.434	GRD	
8	6.088	GRD	
9	1.438	GRD	
10	1.23	GRD	
11	0.925	GRD	
12	0.47	GRD	
13	0.483	GRD	
14	0.429	GRD	
15	0.464	GRD	
16	1.56	GRD	
17	6.541	GRD	
18	0.387	GRD	
19	0.772	GRD	
20	0.608	GRD	
21	0.359	GRD	
22	0.286	GRD	
23	0.194	GRD	
24	0.532	GRD	
25	0.383	GRD	
26	0.22	GRD	
27	0.37	GRD	
28	0.646	GRD	
29	0.515	GRD	
30	0.524	GRD	
31	0.331	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
32	0.333	GRD	
33	0.29	GRD	
34	0.405	GRD	
35	0.28	GRD	
36	0.239	GRD	
37	0.27	GRD	
38	0.411	GRD	
39	0.333	GRD	
40	0.446	GRD	
41	0.305	GRD	
42	0.298	GRD	
43	0.295	GRD	
44	0.268	GRD	
45	0.342	GRD	
46	0.404	GRD	
47	0.407	QFP	
48	0.454	QFP	
49	0.534	QFP	
50	0.385	QFP	
51	0.234	QFP	
52	0.43	QFP	
53	0.27	GRD	
54	0.827	GRD	
55	0.615	GRD	
56	0.477	GRD	
57	10.5	GRD	
58	4.02	GRD	
59	0.654	GRD	
60	10.3	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
61	16.7	GRD	
62	8.05	GRD	
63	15.9	GRD	
64	17.6	GRD	
65	2.76	GRD	
66	17.1	GRD	
67	11.7	GRD	
68	12.8	GRD	
68	13	GRD	
69	10.7	GRD	
69	14.8	GRD	
70	18.7	GRD	
70	11.5	GRD	
71	7.9	GRD	
71	14.4	GRD	
72	18	GRD	
72	13.3	GRD	
73	18.3	GRD	
73	2.75	GRD	
74	2.97	GRD	
74	10.5	GRD	
75	17.1	GRD	
75	13.8	GRD	
76	0.315	GRD	
76	14.4	GRD	
77	2.87	GRD	
77	7.14	GRD	
78	13.7	GRD	
78	12.3	GRD	
79	2.83	GRD	
79	14.8	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
80	6.97	GRD	
80	11.5	GRD	
81	17.7	GRD	
81	10.1	GRD	
82	10.8	GRD	
82	0.336	GRD	
83	5.3	GRD	
83	15.1	GRD	
84	11.8	GRD	
84	0.828	GRD	
85	3.6	GRD	
85	14.7	GRD	
86	0.358	GRD	
86	5.68	GRD	
87	2.24	GRD	
87	5.49	GRD	
88	0.437	GRD	
88	7.47	GRD	
89	2.99	GRD	
89	0.349	GRD	
90	0.546	GRD	
90	1.61	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381995	6890250	1320.86	209.4

ZONE: Tech

SECTION:

HOLE: KL-14-231

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth:

Drilling Dates: -

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
11.27	34	-50.5	Reflex
209.39	37.7	-51.3	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.34	4.34	CAS
4.34	8.46	4.12	GRD
8.46	10.89	2.43	GRD
10.89	18.65	7.76	GRD
18.65	27.62	8.97	GRD
27.62	68.04	40.42	QFP
68.04	84.19	16.15	GRD
84.19	114.8	30.61	QFP
114.8	130.55	15.75	GRD
130.55	136.82	6.27	GRD
136.82	143.29	6.47	GRD
143.29	146.75	3.46	GRD
146.75	186.85	40.1	GRD
186.85	189.46	2.61	GRD
189.46	196.24	6.78	GRD
196.24	209.4	13.16	GRD

SAMPLES	
Numbers:	Q934501 to Q934507, Q935104 to Q935135
Total:	50
Batch:	186, 189, D01
Certificates:	WH14128251, WH14129181, WH14132986

COMMENTS

Box Log

KL-14-231

Klaza Tech Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.34	7.34
2	7.34	10.15
3	10.15	13.12
4	13.12	16.34
5	16.34	19.38
6	19.38	22.87
7	22.87	25.28
8	25.28	28.33
9	28.33	31.1
10	31.1	33.74
11	33.74	36.63
12	36.63	39.24
13	39.24	42
14	42	45.09
15	45.09	47.85
16	47.85	50.57
17	50.57	53.41
18	53.41	56.2
19	56.2	59.1
20	59.1	62.09
21	62.09	65.1
22	65.1	67.96
23	67.96	70.76
24	70.76	73.73
25	73.73	76.8
26	76.8	79.29
27	79.29	82.33
28	82.33	85.18
29	85.18	88.27
30	88.27	91.15
31	91.15	93.98
32	93.98	96.85
33	96.85	100.13
34	100.13	103.04
35	103.04	106.12
36	106.12	109.55
37	109.55	112.65
38	112.65	115.74
39	115.74	118.93
40	118.93	122.04
41	122.04	125
42	125	127.88
43	127.88	131
44	131	134.12
45	134.12	137.15
46	137.15	140.12
47	140.12	143.36
48	143.36	146.57
49	146.57	149.75
50	149.75	152.73
51	152.73	155.71
52	155.71	158.61
53	158.61	160.6
54	160.6	164.84
55	164.84	167.98
56	167.98	171.14
57	171.14	174.48
58	174.48	177.51
59	177.51	180.39
60	180.39	183.55
61	183.55	186.62
62	186.62	189.84
63	189.84	193.16
64	193.16	196.36
65	196.36	199.27
66	199.27	202.46
67	202.46	205.61
68	205.61	208.86
69	208.86	209.4

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-231									
	123.6	12.1	HQ	GRD	939.5	567.2	2.66	2.5	Weakly potassic, propyllitic and argillic altered granodiorite.
	158.5	8.4	HQ	GRD	695.4	434.5	2.83	2.7	Moderately silicified, weakly potassic/propyllitic altered granodiorite.
	194.38	11	HQ	GRD	849.2	521.6	2.64	2.6	Moderately potassic overprinted moderate argillic alteration

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.34	8.46	4.12	GRD	MG	Pervasively strongly oxidized, moderately silicified phyllic altered granodiorite with patchy weak argillic alteration.							
						MD	GY	PA	OXI	4I		
						MD	GN		SIL	3I		
						MD	OR		PHC	3I		
									ARG	2I		
8.46	10.89	2.43	GRD	MG	Moderately silicified weak potassic. Propyllitic altered granodiorite. Host a yellow gouge zone. Moderate oxidation along fracture surfaces.							
						MD	GY		SIL	3I		
						MD	OR		POT	2I		
									PRO	2I		
									OXI	3I		
10.89	18.65	7.76	GRD	MG	Moderately silicified, moderate phyllic/propyllitic altered granodiorite with patchy weak disseminated hematite and patchy moderate argillic alteration. Patchy pervasive strong oxidation and strong oxidation along fractures. Patchy moderate argillic alteration.							
						MD	GN	PA	OXI	3I		
						MD	OR		SIL	3I		
									HEM	2I		
									PHC	3I		
									ARG	3I		
18.65	22.67	4.02	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite. Moderately silicified. Moderate oxidation along fractures.							
						MD	GY		SIL	3I		
						MD	OR		OXI	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
22.67	24.97	2.30	GRD	MG	Pervasively oxidized, moderately silicified phyllic envelope around two quartz/carbonate veins. Phyllic alteration transitions potassic overprinted argillic alteration distally from veins.							
						MD	GN	EN	PHC	3I		
						MD	PK		ARG	3I		
						MD	OR		SIL	3I		
						LT	WH		POT	2I		
27.32	27.62	0.30	GRD	MG	Moderately silicified moderately propyllitic altered granodiorite.							
						MD	GY		SIL	3I		
						DK	GN		PRO	3I		
27.62	68.04	40.42	QFP	FG	Large patches of medium purple, light grey/green and medium grey quartz feldspar porphyry dyke. Upper contact is gouge altered, no angle. Lowe contact is rubbly, no angle.							
						MD	PU	PO				
						MD	GY					
						LT	GY					
						LT	GN					
68.04	84.19	16.15	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite, moderately silicified with patchy weak potassic/propyllitic overprinted moderate argillic alteration.							
						MD	PK	PA	POT	2I		
						MD	GY		PRO	2I		
						LT	WH		PRO	3I		
						DK	GN		POT	3I		
									ARG	3I		
									SIL	3I		
84.19	92.13	7.94	QFP	FG	Large patches of medium purple, medium grey/green, medium orange and light pink dyke. Upper contact is sharp and oriented at 45 TCA.							
						MD	PU	PO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY					
						MD	GN					
						MD	OR					
						LT	PK					
92.13	92.75	0.62	BXA	--	Weakly gouge altered fault breccia(?). Argillic/propyllitic(?) granodiorite matrix with sand to cobble sized, sub-angular to sub-rounded light tan, medium grey and light pink quartz feldspar porphyry dyke clasts.							
						MD	OR					
						MD	GY					
						LT	WH	BX				
						LT	PK					
						DK	GN					
92.75	96.62	3.87	QFP	FG	Large patches of medium purple, medium grey/green, medium orange and light pink dyke. Upper contact is sharp and oriented at 45 TCA.							
						MD	PU	PO				
						MD	GY					
						MD	GN					
						MD	OR					
						LT	PK					
96.62	114.80	18.18	QFP	FG	Weak to moderately gouge altered light grey and medium red dyke.							
						MD	RD					
						LT	GY	PO				
114.80	130.55	15.75	GRD	MG	Alternating patches of weak to moderate potassic/weakly overprinted argillic alteration, moderately silicified weak potassic/propyllitic alteration and moderate phyllic envelopes around carbonate +/- quartz veins and veinlets.							
						MD	PK	PA	POT	3I		
						MD	GY		ARG	3I		
						LT	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PRO	2I		
						DK	GN		POT	3I		
130.55	136.82	6.27	GRD	MG	Moderately silicified phyllic altered granodiorite with strongly phyllic envelopes hosting disseminated pyrite around quartz/carbonate/sulphide veins.							
						LT	GN		PHC	3I	Py	1
						LT	GY		SIL	3I		
									PHC	4I		
136.82	143.29	6.47	GRD	MG	Moderately silicified, weakly potassic/propyllitic altered granodiorite with small moderate phyllic envelopes around carbonate +/- quartz veinlet.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
143.29	146.75	3.46	GRD	MG	Moderately phyllic altered granodiorite with patchy weak to moderate potassic/propyllitic altered granodiorite. Hosts multiple carbonate +/- quartz veins and veinlets.							
						MD	PK		POT	3I		
						MD	GY		POT	2I		
						LT	GN	PA	PHC	3I		
						DK	GN		PRO	2I		
									PRO	3I		
146.75	174.38	27.63	GRD	MG	Moderately silicified, weakly potassic/propyllitic altered granodiorite with small moderate phyllic envelopes around carbonate +/- quartz veinlet.							
						MD	PK		POT	2I		
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
174.38	177.30	2.92	GRD	MG	Moderately silicified, moderate phyllic/propyllitic altered granodiorite. Hosts multiple quartz carbonate veinlets.							
						MD	GN		PHC	3I		
						MD	GY		SIL	3I		
						DK	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
177.30	186.85	9.55	GRD	MG	Moderately silicified, weakly potassic/propyllitic altered granodiorite with small moderate phyllic envelopes around carbonate +/- quartz veinlet.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
186.85	189.46	2.61	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy propyllitic +/- potassic alteration. Host three large quartz/carbonate/sulphide vein and breccias.							
						MD	PK		POT	3I		
						LT	GN	PA	SIL	3I		
						LT	GY		PHC	3I		
						DK	GN		PRO	3I		
196.24	209.40	13.16	GRD	MG	Moderately silicified, weakly potassic/propyllitic altered granodiorite with small moderate phyllic envelopes around carbonate +/- quartz veinlet.							
						MD	PK	PA	SIL	3I		
						MD	GY		PRO	3I		
						DK	GN		PHC	3I		
									POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.34	8.46	4.12	GRD	MG	Pervasively strongly oxidized, moderately silicified phyllic altered granodiorite with patchy weak argillic alteration.							
						MD	GY	PA	OXI	4I		
						MD	GN		SIL	3I		
						MD	OR		PHC	3I		
									ARG	2I		
8.46	10.89	2.43	GRD	MG	Moderately silicified weak potassic. Propyllitic altered granodiorite. Host a yellow gouge zone. Moderate oxidation along fracture surfaces.							
									OXI	3I		
						MD	GY		SIL	3I		
						MD	OR		POT	2I		
									PRO	2I		
10.89	18.65	7.76	GRD	MG	Moderately silicified, moderate phyllic/propyllitic altered granodiorite with patchy weak disseminated hematite and patchy moderate argillic alteration. Patchy pervasive strong oxidation and strong oxidation along fractures. Patchy moderate argillic alteration.							
						MD	OR		SIL	3I		
									PHC	3I		
									ARG	3I		
									HEM	2I		
						MD	GN	PA	OXI	3I		
18.65	27.62	8.97	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite. Moderately silicified. Moderate oxidation along fractures.							
						MD	GY		SIL	3I		
						MD	OR		OXI	3I		
						DK	GN		POT	2I		
						MD	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
27.62	68.04	40.42	QFP	FG	Large patches of medium purple, light grey/green and medium grey quartz feldspar porphyry dyke. Upper contact is gouge altered, no angle. Lowe contact is rubbly, no angle.							
						MD	PU	PO				
						LT	GY					
						LT	GN					
						MD	GY					
68.04	84.19	16.15	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite, moderately silicified with patchy weak potassic/propyllitic overprinted moderate argillic alteration.							
						LT	WH		PRO	3I		
									SIL	3I		
						MD	PK	PA	POT	2I		
						MD	GY		PRO	2I		
						DK	GN		POT	3I		
									ARG	3I		
84.19	114.80	30.61	QFP	FG	Large patches of medium purple, medium grey/green, medium orange and light pink dyke. Upper contact is sharp and oriented at 45 TCA.							
						LT	PK					
						MD	PU	PO				
						MD	GY					
						MD	GN					
						MD	OR					
114.80	130.55	15.75	GRD	MG	Alternating patches of weak to moderate potassic/weakly overprinted argillic alteration, moderately silicified weak potassic/propyllitic alteration and moderate phyllic envelopes around carbonate +/- quartz veins and veinlets.							
						MD	PK	PA	POT	3I		
						LT	GN		SIL	3I		
						MD	GY		ARG	3I		
						DK	GN		POT	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PRO	2I		
130.55	136.82	6.27	GRD	MG	Moderately silicified phyllic altered granodiorite with strongly phyllic envelopes hosting disseminated pyrite around quartz/carbonate/sulphide veins.							
						LT	GN		PHC	3I	Py	1
									PHC	4I		
						LT	GY		SIL	3I		
136.82	143.29	6.47	GRD	MG	Moderately silicified, weakly potassic/propyllitic altered granodiorite with small moderate phyllic envelopes around carbonate +/- quartz veinlet.							
						MD	GY		SIL	3I		
						DK	GN		PRO	2I		
						MD	PK		POT	2I		
143.29	146.75	3.46	GRD	MG	Moderately phyllic altered granodiorite with patchy weak to moderate potassic/propyllitic altered granodiorite. Hosts multiple carbonate +/- quartz veins and veinlets.							
						MD	GY		POT	2I		
						MD	PK		POT	3I		
						DK	GN		PRO	2I		
									PRO	3I		
						LT	GN	PA	PHC	3I		
146.75	186.85	40.10	GRD	MG	Moderately silicified, weakly potassic/propyllitic altered granodiorite with small moderate phyllic envelopes around carbonate +/- quartz veinlet.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
186.85	189.46	2.61	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy propyllitic +/- potassic alteration. Host three large quartz/carbonate/sulphide vein and breccias.							
						LT	GY		PHC	3I		
						DK	GN		PRO	3I		
						MD	PK		POT	3I		
						LT	GN	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
196.24	209.40	13.16	GRD	MG	Moderately silicified, weakly potassic/propyllitic altered granodiorite with small moderate phyllic envelopes around carbonate +/- quartz veinlet.							
						MD	PK	PA	SIL	3I		
						DK	GN		PHC	3I		
						MD	GY		PRO	3I		
									POT	3I		

KL-14-231

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.34	4.34	0	0	0.00	0	--	--	--	
4.34	5.18	0.84	0.84	100	0.46	55	--	3H	3W	
5.18	8.23	3.05	2.98	98	2.04	67	--	3H	3W	
8.23	11.28	3.05	2.89	95	0.79	26	--	2H	4W	
11.28	14.33	3.05	2.9	95	1.58	52	--	3H	3W	
14.33	17.37	3.04	2.83	93	1.22	40	--	3H	3W	
17.37	20.42	3.05	3	98	1.19	39	--	2H	3W	
20.42	23.47	3.05	3.05	100	1.21	40	--	3H	3W	
23.47	26.52	3.05	2.85	93	1.63	53	--	3H	3W	
26.52	29.56	3.04	3.04	100	2.26	74	--	3H	3W	
29.56	32.61	3.05	3.05	100	1.51	50	--	3H	2W	
32.61	35.66	3.05	3.05	100	1.39	46	--	3H	3W	
35.66	38.71	3.05	3.02	99	1.48	49	--	3H	2W	
38.71	41.76	3.05	2.99	98	1.05	34	--	2H	3W	
41.76	44.81	3.05	3.05	100	2.23	73	--	3H	2W	
44.81	47.85	3.04	3.04	100	1.16	38	--	3H	2W	
47.85	50.90	3.05	3.05	100	0.81	27	--	4H	3W	
50.90	53.95	3.05	3.05	100	2.10	69	--	3H	2W	
53.95	57.00	3.05	3.05	100	1.98	65	--	3H	2W	
57.00	60.05	3.05	3.05	100	1.26	41	--	3H	1W	
60.05	63.09	3.04	3.04	100	1.96	64	--	3H	1W	
63.09	66.14	3.05	3.05	100	1.92	63	--	3H	1W	
66.14	69.19	3.05	3.05	100	1.66	54	--	3H	1W	
69.19	72.24	3.05	3.01	99	1.94	64	--	4H	1W	
72.24	75.29	3.05	2.98	98	2.00	66	--	3H	1W	
75.29	78.33	3.04	3.04	100	1.05	35	--	3H	1W	
78.33	81.38	3.05	3	98	1.66	54	--	4H	1W	
81.38	84.43	3.05	3.02	99	1.01	33	--	4H	1W	
84.43	87.48	3.05	3.05	100	1.36	45	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	1.34	44	--	3H	1W	
90.53	93.57	3.04	3.03	100	0.98	32	--	2H	1W	
93.57	96.62	3.05	3	98	1.15	38	--	3H	1W	
96.62	99.67	3.05	3	98	2.08	68	--	3H	1W	
99.67	102.72	3.05	3.05	100	2.29	75	--	3H	1W	
102.72	105.77	3.05	2.82	92	2.07	68	--	2H	1W	
105.77	108.81	3.04	2.57	85	1.67	55	--	2H	1W	
108.81	111.86	3.05	2.96	97	2.34	77	--	3H	1W	
111.86	114.91	3.05	3.02	99	2.39	78	--	2H	1W	
114.91	117.96	3.05	2.89	95	1.18	39	--	3H	1W	
117.96	121.01	3.05	2.98	98	1.69	55	--	3H	1W	
121.01	124.05	3.04	3.04	100	2.06	68	--	3H	1W	
124.05	127.10	3.05	3.04	100	0.92	30	--	2H	1W	
127.10	130.15	3.05	3	98	1.00	33	--	3H	1W	
130.15	133.20	3.05	3.05	100	1.59	52	--	3H	1W	
133.20	136.25	3.05	3.05	100	1.79	59	--	4H	1W	
136.25	139.29	3.04	3.03	100	2.39	79	--	4H	1W	
139.29	142.34	3.05	3.03	99	2.04	67	--	3H	1W	
142.34	145.39	3.05	3.05	100	2.82	92	--	3H	1W	
145.39	148.44	3.05	3.03	99	2.40	79	--	3H	1W	
148.44	151.49	3.05	3.04	100	2.43	80	--	4H	1W	
151.49	154.53	3.04	3.04	100	2.81	92	--	4H	1W	
154.53	157.58	3.05	3.05	100	2.64	87	--	3H	1W	
157.58	160.63	3.05	3.01	99	2.48	81	--	4H	1W	
160.63	163.68	3.05	3.04	100	2.45	80	--	4H	1W	
163.68	166.73	3.05	3.05	100	2.31	76	--	3H	1W	
166.73	169.77	3.04	3.04	100	2.73	90	--	4H	1W	
169.77	172.82	3.05	2.82	92	2.46	81	--	4H	1W	
172.82	175.87	3.05	3.05	100	1.80	59	--	3H	1W	
175.87	178.92	3.05	3.03	99	2.31	76	--	3H	1W	
178.92	181.97	3.05	3.05	100	2.43	80	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	2.67	88	--	4H	1W	
185.01	188.06	3.05	2.88	94	2.52	83	--	3H	1W	
188.06	191.11	3.05	2.99	98	2.44	80	--	3H	1W	
191.11	194.16	3.05	3.01	99	2.70	89	--	3H	1W	
194.16	197.21	3.05	3.04	100	2.74	90	--	3H	1W	
197.21	200.25	3.04	3.03	100	1.80	59	--	4H	1W	
200.25	203.30	3.05	2.98	98	2.67	88	--	4H	1W	
203.30	206.35	3.05	3.01	99	2.58	85	--	4H	1W	
206.35	209.40	3.05	3.05	100	2.76	90	--	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.252	GRD	
6	0.274	GRD	
7	0.27	GRD	
8	0.821	GRD	
9	0.2	GRD	
10	0.606	GRD	
11	0.225	GRD	
12	0.238	GRD	
13	0.739	GRD	
14	0.579	GRD	
15	0.456	GRD	
16	0.392	GRD	
17	0.341	GRD	
18	6.41	GRD	
19	4.06	GRD	
20	17.6	GRD	
21	2.84	GRD	
22	1.25	GRD	
23	0.373	GRD	
24	0.421	GRD	
25	12.4	GRD	
26	8.77	GRD	
27	10.7	GRD	
28	0.408	QFP	
29	0.345	QFP	
30	0.245	QFP	
31	0.231	QFP	
32	0.259	QFP	
33	0.129	QFP	
34	0.421	QFP	
35	0.261	QFP	
36	0.274	QFP	
37	0.208	QFP	
38	0.216	QFP	
39	0.156	QFP	
40	0.315	QFP	
41	0.268	QFP	
42	0.548	QFP	
43	0.245	QFP	
44	0.207	QFP	
45	0.232	QFP	
46	0.248	QFP	
47	0.341	QFP	
48	0.239	QFP	
49	0.19	QFP	
50	0.264	QFP	
51	0.234	QFP	
52	0.183	QFP	
53	0.293	QFP	
54	0.232	QFP	
55	0.322	QFP	
56	0.193	QFP	
57	0.167	QFP	
58	0.317	QFP	
59	0.21	QFP	
60	0.193	QFP	
61	0.216	QFP	
62	0.351	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	0.234	QFP	
64	0.296	QFP	
65	0.221	QFP	
66	0.186	QFP	
67	0.196	QFP	
68	1.849	QFP	
69	4.397	GRD	
70	9.065	GRD	
71	4.167	GRD	
72	0.674	GRD	
73	8.153	GRD	
74	11.1	GRD	
75	2.678	GRD	
76	1.676	GRD	
77	0.48	GRD	
78	0.597	GRD	
79	0.708	GRD	
80	21.88	GRD	
81	10.16	GRD	
82	2.826	GRD	
83	13.89	GRD	
84	5.498	GRD	
85	0.551	QFP	
86	0.42	QFP	
87	0.304	QFP	
88	0.369	QFP	
89	0.169	QFP	
90	0.285	QFP	
91	0.009	QFP	
92	0.308	QFP	
93	0.115	QFP	
94	0.017	QFP	
95	0.024	QFP	
96	0.122	QFP	
97	0.038	QFP	
98	0.463	QFP	
99	0.11	QFP	
100	0.104	QFP	
101	0.159	QFP	
102	0.253	QFP	
103	0.173	QFP	
104	0.05	QFP	
105	0.101	QFP	
106	0.19	QFP	
107	0.058	QFP	
108	0.057	QFP	
109	0.209	QFP	
110	0.057	QFP	
111	0.049	QFP	
112	0.291	QFP	
113	0.234	QFP	
114	0.054	QFP	
115	0.423	GRD	
116	1.47	GRD	
117	1.37	GRD	
118	0.638	GRD	
119	1.59	GRD	
120	2.27	GRD	
121	0.576	GRD	
122	0.677	GRD	
123	0.484	GRD	
124	1.36	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	0.337	GRD	
126	0.275	GRD	
127	0.514	GRD	
128	0.438	GRD	
129	0.794	GRD	
130	0.703	GRD	
131	0.341	GRD	
132	0.39	GRD	
133	0.654	GRD	
134	0.644	GRD	
135	0.321	GRD	
136	0.573	GRD	
137	2.3	GRD	
138	16.3	GRD	
139	10.9	GRD	
140	12.2	GRD	
141	0.53	GRD	
142	10.6	GRD	
143	14.9	GRD	
144	0.537	GRD	
145	0.454	GRD	
146	0.293	GRD	
147	0.678	GRD	
148	3.92	GRD	
149	0.348	GRD	
150	17.9	GRD	
151	19.7	GRD	
152	9.25	GRD	
153	17.8	GRD	
154	18.1	GRD	
155	20	GRD	
156	17.4	GRD	
157	17.5	GRD	
158	16.9	GRD	
159	17.6	GRD	
160	1.91	GRD	
161	2.62	GRD	
162	17.3	GRD	
163	17.4	GRD	
164	7.91	GRD	
165	0.693	GRD	
166	16.4	GRD	
167	9.9	GRD	
168	18.3	GRD	
169	18.5	GRD	
170	18.4	GRD	
171	17.4	GRD	
172	13.8	GRD	
173	7.6	GRD	
174	9.85	GRD	
175	0.251	GRD	
176	0.405	GRD	
177	0.405	GRD	
178	1.51	GRD	
179	0.756	GRD	
180	15.9	GRD	
181	15.6	GRD	
182	14.6	GRD	
183	17.4	GRD	
184	15.8	GRD	
185	14.4	GRD	
186	9.26	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
187	0.486	GRD	
188	0.449	GRD	
189	0.356	GRD	
190	0.233	GRD	
191	0.53	GRD	
192	0.321	GRD	
193	0.3	GRD	
194	0.477	GRD	
195	7.27	GRD	
196	9.88	GRD	
197	3.57	GRD	
198	20.52	GRD	
199	23.02	GRD	
200	25.54	GRD	
201	22.5	GRD	
202	0.527	GRD	
203	0.527	GRD	
204	23.64	GRD	
205	20.5	GRD	
206	19.01	GRD	
207	17.17	GRD	
208	0.483	GRD	
209	2.156	GRD	E.O.H

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382966	6889417	1447.14	221.59

ZONE: Herc

SECTION:

HOLE: KL-14-232

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth:

Drilling Dates: -

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	222.4	-49	Reflex
221.58	38.8	-49.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.52	1.52	CAS
1.52	7.9	6.38	GRD
7.9	22.19	14.29	GRD
22.19	34.88	12.69	GRD
34.88	36.49	1.61	GRD
36.49	36.97	0.48	VEN
36.97	39.8	2.83	GRD
39.8	66.96	27.16	GRD
66.96	74.82	7.86	GRD
74.82	82.18	7.36	GRD
82.18	85.72	3.54	GRD
85.72	88.58	2.86	GRD
88.58	101	12.42	GRD
101	113.47	12.47	GRD
113.47	115.54	2.07	GRD
115.54	119.48	3.94	QFP

SAMPLES	
Numbers:	Q934856 to Q934857, Q935462 to Q935584
Total:	132
Batch:	191, 193, 194, 195, 206
Certificates:	WH14128255, WH14129182, WH14129184, WH14129185, WH14134310, WH14136717

COMMENTS

119.48	121.1	1.62	GRD
121.1	122.69	1.59	QFP
122.69	122.84	0.15	GRD
122.84	123.69	0.85	QFP
123.69	124.43	0.74	GRD
124.43	126.94	2.51	QFP
126.94	127.12	0.18	MAF
127.12	131.08	3.96	GRD
131.08	140.88	9.8	GRD
140.88	141.85	0.97	GRD
141.85	154.04	12.19	GRD
154.04	158.55	4.51	GRD
158.55	160.31	1.76	GRD
160.31	161.8	1.49	GRD
161.8	169.31	7.51	GRD
169.31	177.65	8.34	GRD
177.65	188	10.35	GRD
188	190.71	2.71	GRD
190.71	196.41	5.7	GRD
196.41	196.66	0.25	VEN
196.66	197.56	0.9	GRD
197.56	201.05	3.49	GRD
201.05	203.39	2.34	GRD
203.39	205.37	1.98	GRD
205.37	208.03	2.66	GRD
208.03	221.59	13.56	GRD

Box Log

KL-14-232

Klaza
Herc Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.52	6.47
2	6.47	10.7
3	10.7	14.86
4	14.86	19.18
5	19.18	23.37
6	23.37	27.57
7	27.57	31.94
8	31.94	36.01
9	36.01	40.52
10	40.52	44.81
11	44.81	49.32
12	49.32	53.56
13	53.56	57.92
14	57.92	62.27
15	62.27	66.49
16	66.49	70.66
17	70.66	75.03
18	75.03	79.43
19	79.43	83.77
20	83.77	88.05
21	88.05	92.33
22	92.33	96.62
23	96.62	100.84
24	100.84	105.15
25	105.15	109.44
26	109.44	113.72
27	113.72	117.96
28	117.96	122.21
29	122.21	126.36
30	126.36	130.59
31	130.59	134.96
32	134.96	139.29
33	139.29	143.55
34	143.55	148.12
35	148.12	152.43
36	152.43	156.38
37	156.38	160.63
38	160.63	164.82
39	164.82	169.05
40	169.05	173.39
41	173.39	177.7
42	177.7	182.06
43	182.06	186.65
44	186.65	190.92
45	190.92	195.22
46	195.22	199.41
47	199.41	203.52
48	203.52	207.62
49	207.62	212.86
50	212.86	216.18
51	216.18	220.36
52	220.36	221.59

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-232									
	196.41	25.4	NQ2	GRD	1480.8	1129.9	2.75	4.2	Banded to weakly brecciated semi-massive sulphide vein. Carbonate (ankerite) clasts throughout. Sulphides blebby to banded. Vein is mainly quartz. Breccia textures in bands. Crosscutting late stage uminerlized ankerite veinletts and stringers crosscutting vein.
	196.41	25.4	NQ2	VEN	1480.8	1129.9	2.75	4.2	Banded to weakly brecciated semi-massive sulphide vein. Carbonate (ankerite) clasts throughout. Sulphides blebby to banded. Vein is mainly quartz. Breccia textures in bands. Crosscutting late stage uminerlized ankerite veinletts and stringers crosscutting vein.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	7.90	6.38	GRD	MG	Strongly oxidized, rubbly granodiorite. Patchy weak argillic and trace to weak propylitic and potassic altered granodiorite. Entire interval is rubbly/highly fractured except for the last 0.75 metres. Locally moderate clay alteration (strongly oxidized).							
						LT	GN		PRO	2I		
						DK	GY		ARG	3I		
									POT	2I		
									CLY	2I		
7.90	22.19	14.29	GRD	MG	Dominantly trace to weak propylitic and potassic altered granodiorite with patchy weak argillic and phyllic altered granodiorite. Phyllic altered granodiorite is associated with light grey strong gouge seams (moderately calcareous with minor dark grey fine grained sulphide smears). Fractures are moderately oxidized. Pervasive calcite veinlets at 3 per metre. Minor smokey quartz veins/veinlets hosting weak blebby pyrite.							
						LT	GN		POT	2I		
						DK	GY		PRO	2I		
									PHC	2I		
									ARG	2I		
22.19	34.88	12.69	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy moderate to strong phyllic and argillic altered granodiorite. Tourmaline found disseminated within phyllic altered granodiorite (locally). Moderate oxide stain on fractures and within halos of quartz-carbonate veins. Light to medium grey quartz veining (1 per metre) hosting blebby pyrite up to semi-massive. Argillic altered granodiorite is variably oxidized.							
						MD	OR		ARG	2I		
						LT	GN		POT	2I		
						DK	GY		PRO	2I		
									PHC	2I		
									OXI	2I		
34.88	36.49	1.61	GRD	MG	Moderate to strong argillic and phyllic altered granodiorite with trace disseminated pyrite. Last 30 centimetres of interval is strongly phyllic altered and hosts moderate disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		PHC	4I	Py	0.1
						LT	GN		ARG	4I		
									OXI	3I		
									SIL	3I		
36.49	36.97	0.48	VEN	--	Quartz-carbonate vein with ankerite. Strong pyrite veining with intermittent dark grey fine grained matrix. Intermittent breccia comprising dark grey fine grained matrix with light grey quartz, ankerite and pyrite clasts up to 1 cm. Hosts blebby black jack sphalerite.							
						MD	OR	BX			Py	10
						DK	GY				Sp	1
36.97	39.80	2.83	GRD	MG	Moderate to strong argillic and phyllic altered granodiorite with trace disseminated pyrite. Last 30 centimetres of interval is strongly phyllic altered and hosts moderate disseminated pyrite.							
						MD	OR		PHC	4I	Py	0.1
						LT	GY		ARG	4I		
									SIL	3I		
									OXI	3I		
39.80	49.56	9.76	GRD	MG	Dominantly trace to weak propylitic and potassic altered granodiorite with patchy weak argillic and phyllic altered granodiorite. Phyllic altered granodiorite is associated with light grey strong gouge seams (moderately calcareous with minor dark grey fine grained sulphide smears). Fractures are moderately oxidized. Pervasive calcite veinlets at 3 per metre. Minor smokey quartz veins/veinlets hosting blebby pyrite with our without galena, sphalerite and arsenopyrite.							
						LT	GN		POT	2I		
						DK	GY		PRO	2I		
									PHC	2I		
									ARG	2I		
49.56	51.81	2.25	GRD	MG	Trace to weak propylitic and moderately phyllic and argillic altered granodiorite. Strong dark grey smokey quartz-ankerite veins hosting blebby pyrite, honey brown and blackjack sphalerite, galena and arsenopyrite. Phyllic altered granodiorite is variably mineralized, but more mineralized with disseminated pyrite closer to mineralized veins. Tourmaline disseminated locally within phyllic altered granodiorite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN		PHC	4I	Py	2
									PRO	2I	As	0.1
											Sp	1
									ARG	3I	Gn	0.5
51.81	66.96	15.15	GRD	MG	Dominantly trace to weak propylitic and potassic altered granodiorite with patchy weak argillic and phyllic altered granodiorite. Phyllic altered granodiorite is associated with light grey strong gouge seams (moderately calcareous with minor dark grey fine grained sulphide smears). Fractures are moderately oxidized. Pervasive calcite veinlets at 3 per metre. Minor smokey quartz veins/veinlets hosting blebby pyrite.							
						LT	GN		POT	2I		
						DK	GY		PRO	2I		
									PHC	2I		
									ARG	2I		
66.96	74.82	7.86	GRD	MG	Patchy moderately phyllic, weakly argillic and trace propylitic altered granodiorite. Phyllic altered granodiorite hosts smoky-quartz carbonate veins with blebby pyrite and arsenopyrite. Argillic envelopes around phyllic altered granodiorite and are weakly oxidized. Smoky quartz-carbonate veins are up to 15 centimetres.							
						LT	GN		OXI	2I	Py	0.1
						LT	GY		PHC	4I		
						DK	GN		SIL	3I		
									ARG	3I		
									PRO	2I		
74.82	82.18	7.36	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
						DK	GN		PRO	3I		
						DK	GY		POT	2I		
									SIL	2I		
82.18	85.72	3.54	GRD	MG	Phyllic and argillic altered granodiorite with variable disseminated pyrite. Quartz-tourmaline-pyrite veinlets pervasive. Tourmaline also found disseminated locally within phyllic altered granodiorite. Calcite vein up to 3 centimetres found locally.							
						LT	GN		PHC	4I		
						LT	GY		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									SIL	3I		
85.72	88.58	2.86	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
						DK	GN		PRO	3I		
						DK	GY		POT	2I		
									SIL	2I		
88.58	101.00	12.42	GRD	MG	Patchy moderate to strong phyllic and argillic altered granodiorite. Smoky quartz-carbonate veins found locally and are up to 10 centimetres and host blebby pyrite with our without galena, sphalerite and arsenopyrite. Minor oxidized seams withing phyllic altered granodiorite and withing an irregular banded poly-metallic quartz-carbonate vein.							
						LT	GN		PHC	4I		
						LT	GY		ARG	3I		
									SIL	3I		
101.00	113.47	12.47	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
						DK	GN		PRO	3I		
						DK	GY		POT	2I		
									SIL	2I		
113.47	115.54	2.07	GRD	MG	moderate to strong phyllic and weak argillic altered granodiorite. Moderate milky quartz veins hosting blebby pyrite (up to 4 centimetres and 6 per interval). Ankerite is found along selvages up to 1 centimetre wide. Pyrite is variably disseminated within phyllic altered granodiorite.							
						MD	GY		ARG	2I		
						LT	GN		PHC	4I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
115.54	119.48	3.94	QFP	MG	Medium green and medium grained quartz-feldspar porphyry dyke. Grades from fine grained light green into medium grained medium green quartz-feldspar porphyry dyke over 80 centimetres. Dyke hosts light green sub-rounded clasts up to 1 centimetre. Lower contact is gougy over last 10 centimetres and hosts ankerite and calcite veins with dark grey fine grained sulphide smear.							
						MD	GN	PO				
						LT	GN					
119.48	121.10	1.62	GRD	MG	Strongly phyllic altered granodiorite. Variably mineralized with disseminated pyrite. Minor smoky quartz-carbonate vein hosting blebby pyrite.							
						LT	GN		PHC	5I	Py	0.1
									SIL	4I		
121.10	122.69	1.59	QFP	MG	Medium green and medium grained quartz-feldspar porphyry dyke. Dyke hosts light green sub-rounded clasts up to 1 centimetre. Lower contact is gougy over last 10 centimetres and hosts ankerite and calcite veins with dark grey fine grained sulphide smear. Minor ankerite veining.							
						MD	GN	PO				
						DK	GN					
122.69	122.84	0.15	GRD	MG	Strong phyllic and silicified granodiorite with weak disseminated pyrite. Minor grey quartz seams with and without ankerite selvages.							
						MD	GN	PO				
						LT	GN					
122.84	123.69	0.85	QFP	CG	Medium green and medium grained quartz-feldspar porphyry dyke. Grades from fine grained light green into medium grained medium green quartz-feldspar porphyry dyke over 80 centimetres. Dyke hosts light green sub-rounded clasts up to 1 centimetre. Lower contact is gougy over last 10 centimetres and hosts ankerite and calcite veins with dark grey fine grained sulphide smear.							
						MD	GN	PO				
						LT	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
123.69	124.43	0.74	GRD	MG	Strong phyllic and silicified granodiorite with weak disseminated pyrite. Minor grey quartz seams with and without ankerite selvages.							
						MD	GN		PHC	5I	Py	0.1
						LT	GN		SIL	4I		
124.43	126.94	2.51	QFP	CG	Medium green and medium grained quartz-feldspar porphyry dyke. Grades from fine grained light green into medium grained medium green quartz-feldspar porphyry dyke over 80 centimetres. Dyke hosts light green sub-rounded clasts up to 1 centimetre. Lower contact is gougy over last 10 centimetres and hosts ankerite and calcite veins with dark grey fine grained sulphide smear.							
						MD	GN					
						LT	GN	PO				
126.94	127.12	0.18	MAF	FG	Fine grained mafic dyke - non-magnetic.							
						DK	GY		SIL	3I		
						DK	GN		PHC	4I		
127.12	131.08	3.96	GRD	MG	Strong phyllic altered granodiorite with strong smoky quartz-ankerite veining hosting blebby pyrite with or without galena, sphalerite and arsenopyrite. Patchy trace to weak propylitic altered granodiorite.							
						LT	GN		PHC	5I	Py	0.1
									SIL	4I		
131.08	140.88	9.80	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
						DK	GN		PRO	2I		
						DK	GY		POT	2I		
141.85	154.04	12.19	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
						DK	GN		PRO	2I		
						DK	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
154.04	158.55	4.51	GRD	MG	Strong phyllic and moderate argillic altered granodiorite. Smoky quartz-carbonate veins hosting pyrite with or without black jack and honey brown sphalerite, galena and arsenopyrite. Phyllic altered granodiorite is variably mineralized with disseminated pyrite and bands. Fractures within interval is weakly oxidized.							
						LT	GN		PHC	4I	Py	0.1
						LT	GY		SIL	3I		
158.55	160.31	1.76	GRD	MG	trace to weak propylitic and potassic altered granodiorite with minor dark grey breccia hosting less than 1 millimetre quartz and epidote clasts.							
						DK	GN		PRO	2I		
						DK	GY		POT	2I		
160.31	161.80	1.49	GRD	MG	Moderate phyllic and weak argillic altered granodiorite. Moderately silicified. Minor dark grey silicified/weakly brecciated veins hosting very trace pyrite. Chalcedonic textures.							
						LT	GN		PHC	3I		
									ARG	2I		
									SIL	4I		
161.80	169.31	7.51	GRD	MG	Patchy trace to weak propylitic and potassic altered granodiorite with weak to moderate argillic and potassic altered granodiorite. Argillic and potassic altered granodiorite hosts trace quartz veinlets with blebby pyrite (1 per metre).							
						LT	PK		POT	3I		
						DK	GN		PRO	3I		
									ARG	3I		
169.31	177.65	8.34	GRD	MG	trace to weak propylitic and potassic altered granodiorite with minor dark grey breccia hosting less than 1 millimetre quartz and epidote clasts.							
						DK	GN		PRO	2I		
						DK	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
177.65	188.00	10.35	GRD	MG	Strong phyllic altered granodiorite with local gouge and net texture zones. Quartz-carbonate veins hosting fine grained disseminated pyrite with or without sphalerite found pervasively throughout (1 per metre and up to 3 centimetres). Approximately 5 to 10 percent of the interval is moderate to strong gouge altered with or without fine grained dark grey sulphide smear. Phyllic altered granodiorite hosts variable disseminated pyrite.							
						LT	GN		PHC	4I		
						LT	PK		SIL	3I		
188.00	190.71	2.71	GRD	MG	Trace to weak propylitic and potassic altered granodiorite. Pervasive calcite stringers at 2 per metre.							
						DK	GN		PRO	2I		
									POT	2I		
190.71	196.41	5.70	GRD	MG	Strongly phyllic altered granodiorite with patchy argillic and potassic altered granodiorite. Phyllic alteration halos surround quartz-carbonate veins hosting blebby pyrite. Veins up to 3cm. Ankerite veins host sphalerite (honey brown and blackjack) in selvedges (less that 1mm selvedges) and 1cm veins. Moderate silicification and more pervasive veining at last 50cm of interval.							
						LT	GN	MA	SIL	3I	Py	5
						LT	GY		PHC	4I	Sp	1
									ARG	3I		
									POT	3I		
196.41	196.66	0.25	VEN	MG	Banded to weakly brecciated semi-massive sulphide vein. Carbonate (ankerite) clasts throughout. Sulphides blebby to banded. Vein is mainly quartz. Breccia textures in bands. Crosscutting late stage uminerlized ankerite veinletts and stringers crosscutting vein.							
						DK	GY	BN			As	2
											Py	20
											Gn	5
											Sp	7
196.66	197.56	0.90	GRD	MG	Phyllic altered granodiorite. Local silicification. Disseminated pyrite throughout.							
						LT	GY	MA	PHC	5I	Py	2
						LT	GN		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
197.56	201.05	3.49	GRD	MG	Unaltered granododiorite with local weak phyllic alteration halos surrounding small carbonate stringers.							
						MD	GY	MA	PHC	1I		
201.05	203.39	2.34	GRD	MG	Patchy phyllic granodiorite with local unaltered segments. Ankerite-carbonate stringers throughout. Unmineralized.							
						MD	GN	MA	PHC	3I		
						LT	GN					
203.39	205.37	1.98	GRD	MG	Mineralized phyllic granodiorite. Mainly disseminated pyrite and pyrite in quartz-carbonate veins/veinletts. Moderate clay alteration. Gouge seams throughout. 2 large (15 cm) quartz veins hosting pyrite throughout.							
						MD	GY		CLY	2I		
						LT	GY	MA	PHC	5I	Py	5
205.37	208.03	2.66	GRD	MG	Strongly phyllic granodiorite with local weak argillic segments. Carbonate and quartz-carbonate stringers and veinletts throughout.							
						LT	GN	MA	PHC	5I		
						LT	GY		ARG	2I		
208.03	212.13	4.10	GRD	MG	Patchy phyllic and argillic and unaltered granodiorite. Mainly unaltered. Local ankerite stringers throughout.							
						MD	GY		ARG	2I		
						LT	GN	MA	PHC	2I	Py	1
212.13	216.06	3.93	GRD	MG	Strongly phyllic altered granodiorite with local argillic patches. Quartz-carbonate veins/veinletts throughout hosting blebby pyrite and sphalerite.							
						MD	GN		ARG	1I	Sp	0.1
						LT	GN	MA	PHC	4I	Py	2
216.06	221.59	5.53	GRD	MG	Strongly phyllic altered granodiorite with local argillic patches. Quartz-carbonate veins/veinletts throughout hosting blebby pyrite and sphalerite.							
						MD	GY		ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	MA	PHC	2I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.52	7.90	6.38	GRD	MG	Strongly oxidized, rubbly granodiorite. Patchy weak argillic and trace to weak propylitic and potassic altered granodiorite. Entire interval is rubbly/highly fractured except for the last 0.75 metres. Locally moderate clay alteration (strongly oxidized).							
									CLY	2I		
						DK	GY		ARG	3I		
									POT	2I		
									OXI	4I		
						LT	GN		PRO	2I		
7.90	22.19	14.29	GRD	MG	Dominantly trace to weak propylitic and potassic altered granodiorite with patchy weak argillic and phyllic altered granodiorite. Phyllic altered granodiorite is associated with light grey strong gouge seams (moderately calcareous with minor dark grey fine grained sulphide smears). Fractures are moderately oxidized. Pervasive calcite veinlets at 3 per metre. Minor smokey quartz veins/veinlets hosting weak blebby pyrite.							
									OXI	2I		
									ARG	2I		
									PHC	2I		
						LT	GN		POT	2I		
						DK	GY		PRO	2I		
22.19	34.88	12.69	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with patchy moderate to strong phyllic and argillic altered granodiorite. Tourmaline found disseminated within phyllic altered granodiorite (locally). Moderate oxide stain on fractures and within halos of quartz-carbonate veins. Light to medium grey quartz veining (1 per metre) hosting blebby pyrite up to semi-massive. Argillic altered granodiorite is variably oxidized.							
									PHC	2I		
									OXI	2I		
						DK	GY		PRO	2I		
						MD	OR		ARG	2I		
						LT	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
34.88	36.49	1.61	GRD	MG	Moderate to strong argillic and phyllic altered granodiorite with trace disseminated pyrite. Last 30 centimetres of interval is strongly phyllic altered and hosts moderate disseminated pyrite.							
									OXI	3I		
									SIL	3I		
						LT	GN		ARG	4I		
						MD	OR		PHC	4I	Py	0.1
36.49	36.97	0.48	VEN	--	Quartz-carbonate vein with ankerite. Strong pyrite veining with intermittent dark grey fine grained matrix. Intermittent breccia comprising dark grey fine grained matrix with light grey quartz, ankerite and pyrite clasts up to 1 cm. Hosts blebby black jack sphalerite.							
						DK	GY				Sp	1
						MD	OR	BX			Py	10
36.97	39.80	2.83	GRD	MG	Moderate to strong argillic and phyllic altered granodiorite with trace disseminated pyrite. Last 30 centimetres of interval is strongly phyllic altered and hosts moderate disseminated pyrite.							
									SIL	3I		
									OXI	3I		
						LT	GY		ARG	4I		
						MD	OR		PHC	4I	Py	0.1
39.80	66.96	27.16	GRD	MG	Dominantly trace to weak propylitic and potassic altered granodiorite with patchy weak argillic and phyllic altered granodiorite. Phyllic altered granodiorite is associated with light grey strong gouge seams (moderately calcareous with minor dark grey fine grained sulphide smears). Fractures are moderately oxidized. Pervasive calcite veinlets at 3 per metre. Minor smokey quartz veins/veinlets hosting blebby pyrite with our without galena, sphalerite and arsenopyrite..							
						DK	GY		PRO	2I		
									ARG	2I		
									PHC	2I		
						LT	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
66.96	74.82	7.86	GRD	MG	Patchy moderately phyllic, weakly argillic and trace propylitic altered granodiorite. Phyllic altered granodiorite hosts smoky-quartz carbonate veins with blebby pyrite and arsenopyrite. Argillic envelopes around phyllic altered granodiorite and are weakly oxidized. Smoky quartz-carbonate veins are up to 15 centimetres.				ARG	3I		
						DK	GN		SIL	3I		
						LT	GY		PHC	4I		
									PRO	2I		
						LT	GN		OXI	2I	Py	0.1
74.82	82.18	7.36	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
									SIL	2I		
						DK	GY		POT	2I		
						DK	GN		PRO	3I		
82.18	85.72	3.54	GRD	MG	Phyllic and argillic altered granodiorite with variable disseminated pyrite. Quartz-tourmaline-pyrite veinlets pervasive. Tourmaline also found disseminated locally within phyllic altered granodiorite. Calcite vein up to 3 centimetres found locally.							
									SIL	3I		
						LT	GN		PHC	4I		
						LT	GY		ARG	3I		
85.72	88.58	2.86	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
						DK	GY		POT	2I		
									SIL	2I		
						DK	GN		PRO	3I		
88.58	101.00	12.42	GRD	MG	Patchy moderate to strong phyllic and argillic altered granodiorite. Smoky quartz-carbonate veins found locally and are up to 10 centimetres and host blebby pyrite with our without galena, sphalerite and arsenopyrite. Minor oxidized seams withing phyllic altered granodiorite and withing an irregular banded poly-metallic quartz-carbonate vein.							
						LT	GY		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									SIL	3I		
						LT	GN		PHC	4I		
101.00	113.47	12.47	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
									SIL	2I		
						DK	GN		PRO	3I		
						DK	GY		POT	2I		
113.47	115.54	2.07	GRD	MG	moderate to strong phyllic and weak argillic altered granodiorite. Moderate milky quartz veins hosting blebby pyrite (up to 4 centimetres and 6 per interval). Ankerite is found along selvages up to 1 centimetre wide. Pyrite is variably disseminated within phyllic altered granodiorite.							
									SIL	3I		
						LT	GN		PHC	4I		
						MD	GY		ARG	2I		
115.54	119.48	3.94	QFP	MG	Medium green and medium grained quartz-feldspar porphyry dyke. Grades from fine grained light green into medium grained medium green quartz-feldspar porphyry dyke over 80 centimetres. Dyke hosts light green sub-rounded clasts up to 1 centimetre. Lower contact is gougy over last 10 centimetres and hosts ankerite and calcite veins with dark grey fine grained sulphide smear.							
						MD	GN	PO				
						LT	GN					
119.48	121.10	1.62	GRD	MG	Strongly phyllic altered granodiorite. Variably mineralized with disseminated pyrite. Minor smoky quartz-carbonate vein hosting blebby pyrite.							
						LT	GN		PHC	5I	Py	0.1
									SIL	4I		
121.10	122.69	1.59	QFP	MG	Medium green and medium grained quartz-feldspar porphyry dyke. Dyke hosts light green sub-rounded clasts up to 1 centimetre. Lower contact is gougy over last 10 centimetres and hosts ankerite and calcite veins with dark grey fine grained sulphide smear. Minor ankerite veining.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN					
						MD	GN	PO				
122.69	122.84	0.15	GRD	MG	Strong phyllic and silicified granodiorite with weak disseminated pyrite. Minor grey quartz seams with and without ankerite selvages.							
						MD	GN	PO			Py	0.1
						LT	GN					
122.84	123.69	0.85	QFP	CG	Medium green and medium grained quartz-feldspar porphyry dyke. Grades from fine grained light green into medium grained medium green quartz-feldspar porphyry dyke over 80 centimetres. Dyke hosts light green sub-rounded clasts up to 1 centimetre. Lower contact is gougy over last 10 centimetres and hosts ankerite and calcite veins with dark grey fine grained sulphide smear.							
						MD	GN	PO				
						LT	GN					
123.69	124.43	0.74	GRD	MG	Strong phyllic and silicified granodiorite with weak disseminated pyrite. Minor grey quartz seams with and without ankerite selvages.							
						MD	GN		PHC	5I	Py	0.1
						LT	GN		SIL	4I		
124.43	126.94	2.51	QFP	CG	Medium green and medium grained quartz-feldspar porphyry dyke. Grades from fine grained light green into medium grained medium green quartz-feldspar porphyry dyke over 80 centimetres. Dyke hosts light green sub-rounded clasts up to 1 centimetre. Lower contact is gougy over last 10 centimetres and hosts ankerite and calcite veins with dark grey fine grained sulphide smear. Last 25 centimetre grades into maroon fine grained quartz-feldspar porphyry dyke.							
						LT	GN	PO				
						MD	GN					
126.94	127.12	0.18	MAF	FG	Fine grained mafic dyke - non-magnetic.							
						DK	GN					
						DK	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
127.12	131.08	3.96	GRD	MG	Strong phyllic altered granodiorite with strong smoky quartz-ankerite veining hosting blebby pyrite with or without galena, sphalerite and arsenopyrite. Patchy trace to weak propylitic altered granodiorite.							
									SIL	4I		
						LT	GN		PHC	5I	Py	0.1
131.08	140.88	9.80	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
						DK	GN		PRO	2I		
						DK	GY		POT	2I		
140.88	141.85	0.97	GRD	MG	Strong phyllic altered granodiorite hosting light grey quartz stringers with blebby pyrite. Zone with strong chalcedonic and coliform textures or smoky quartz-ankerite. Fine grained trace pyrite disseminated withing phyllic altered granodiorite.							
									SIL	3I		
						LT	GN		PHC	4I		
141.85	154.04	12.19	GRD	MG	Trace to weak propylitic and potassic altered granodiorite with trace hematite-chlorite-carbonate veinlets and medium grey quartz veins hosting blebby pyrite.							
						DK	GY		POT	2I		
						DK	GN		PRO	2I		
154.04	158.55	4.51	GRD	MG	Strong phyllic and moderate argillic altered granodiorite. Smoky quartz-carbonate veins hosting pyrite with or without black jack and honey brown sphalerite, galena and arsenopyrite. Phyllic altered granodiorite is variably mineralized with disseminated pyrite and bands. Fractures within interval is weakly oxidized.							
						LT	GN		PHC	4I	Py	0.1
						LT	GY		SIL	3I		
158.55	160.31	1.76	GRD	MG	trace to weak propylitic and potassic altered granodiorite with minor dark grey breccia hosting less than 1 millimetre quartz and epidote clasts.							
						DK	GY		POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
160.31	161.80	1.49	GRD	MG	Moderate phyllic and weak argillic altered granodiorite. Moderately silicified. Minor dark grey silicified/weakly brecciated veins hosting very trace pyrite. Chalcedonic textures.							
						LT	GN		PHC	3I		
									ARG	2I		
									SIL	4I		
161.80	169.31	7.51	GRD	MG	Patchy trace to weak propylitic and potassic altered granodiorite with weak to moderate argillic and potassic altered granodiorite. Argillic and potassic altered granodiorite hosts trace quartz veinlets with blebby pyrite (1 per metre).							
						DK	GN		PRO	3I		
									ARG	3I		
						LT	PK		POT	3I		
169.31	177.65	8.34	GRD	MG	trace to weak propylitic and potassic altered granodiorite with minor dark grey breccia hosting less than 1 millimetre quartz and epidote clasts. Minor intervals of chalcedonic quartz veins with hematite blebs. Has approximately 15 centimetres with argillic altered halos.							
						DK	GN		PRO	2I		
						DK	GY		POT	2I		
177.65	188.00	10.35	GRD	MG	Strong phyllic altered granodiorite with local gouge and net texture zones. Quartz-carbonate veins hosting fine grained disseminated pyrite with or without sphalerite found pervasively throughout (1 per metre and up to 3 centimetres). Approximately 5 to 10 percent of the interval is moderate to strong gouge altered with or without fine grained dark grey sulphide smear. Phyllic altered granodiorite hosts variable disseminated pyrite.							
						LT	PK		SIL	3I		
						LT	GN		PHC	4I		
188.00	190.71	2.71	GRD	MG	Trace to weak propylitic and potassic altered granodiorite. Pervasive calcite stringers at 2 per metre.							
									POT	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
190.71	196.41	5.70	GRD	MG	Strongly phyllic altered granodiorite with patchy argillic and potassic altered granodiorite. Phyllic alteration halos surround quartz-carbonate veins hosting blebby pyrite. Veins up to 3cm. Ankerite veins host sphalerite (honey brown and blackjack) in selvedges (less that 1mm selvedges) and 1cm veins. Moderate silicification and more pervasive veining at last 50cm of interval.							
									ARG	3I		
						LT	GY		PHC	4I	Sp	1
						LT	GN	MA	SIL	3I	Py	5
									POT	3I		
196.41	196.66	0.25	VEN	MG	Banded to weakly brecciated semi-massive sulphide vein. Carbonate (ankerite) clasts throughout. Sulphides blebby to banded. Vein is mainly quartz. Breccia textures in bands. Crosscutting late stage uminerlized ankerite veinletts and stringers crosscutting vein.							
											Py	20
											Sp	7
											Gn	5
						DK	GY	BN			As	2
196.66	197.56	0.90	GRD	MG	Phyllic altered granodiorite. Local silicification. Disseminated pyrite throughout.							
						LT	GY	MA	PHC	5I	Py	2
						LT	GN		SIL	2I		
197.56	201.05	3.49	GRD	MG	Unaltered granododiorite with local weak phyllic alteration halos surrounding small carbonate stringers.							
						MD	GY	MA	PHC	1I		
201.05	203.39	2.34	GRD	MG	Patchy phyllic granodiorite with local unaltered segments. Ankerite-carbonate stringers throughout. Unmineralized.							
						MD	GN	MA	PHC	3I		
						LT	GN					
203.39	205.37	1.98	GRD	MG	Mineralized phyllic granodiorite. Mainly disseminated pyrite and pyrite in quartz-carbonate veins/veinletts. Moderate clay alteration. Gouge seams throughout. 2 large (15 cm) quartz veins hosting pyrite throughout.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	MA	PHC	5I	Py	5
						MD	GY		CLY	2I		
205.37	208.03	2.66	GRD	MG	Strongly phyllic granodiorite with local weak argillic segments. Carbonate and quartz-carbonate stringers and veinletts throughout.							
						LT	GY		ARG	2I		
						LT	GN	MA	PHC	5I		
208.03	221.59	13.56	GRD	MG	Patchy phyllic and argillic and unaltered granodiorite. Mainly unaltered. Local ankerite stringers throughout.							
						MD	GY		ARG	2I		
						LT	GN	MA	PHC	2I	Py	1

KL-14-232

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	0	0	0.00	0	--	--	--	
1.52	5.18	3.66	1.38	38	0.00	0	--	3H	4W	
5.18	8.23	3.05	2.64	87	0.79	26	--	2H	4W	
8.23	11.28	3.05	2.92	96	1.59	52	--	3H	3W	
11.28	14.33	3.05	2.99	98	1.43	47	--	4H	3W	
14.33	17.37	3.04	3	99	2.06	68	--	3H	3W	
17.37	20.42	3.05	3.05	100	1.95	64	--	3H	3W	
20.42	23.47	3.05	3.05	100	1.91	63	--	3H	3W	
23.47	26.52	3.05	3.01	99	2.10	69	--	3H	3W	
26.52	29.57	3.05	3.04	100	2.22	73	--	3H	2W	
29.57	32.61	3.04	3.03	100	1.19	39	--	3H	3W	
32.61	35.66	3.05	3.05	100	1.93	63	--	3H	3W	
35.66	38.71	3.05	2.88	94	1.08	35	--	3H	3W	
38.71	41.76	3.05	3.03	99	2.06	68	--	3H	2W	
41.76	44.80	3.04	3.04	100	2.31	76	--	3H	2W	
44.80	47.85	3.05	3.04	100	2.23	73	--	3H	2W	
47.85	50.90	3.05	3.05	100	2.11	69	--	3H	2W	
50.90	53.95	3.05	3.04	100	2.52	83	--	4H	1W	
53.95	57.00	3.05	3.05	100	2.56	84	--	4H	1W	
57.00	60.05	3.05	3.03	99	2.19	72	--	3H	2W	
60.05	63.09	3.04	3.04	100	2.65	87	--	3H	2W	
63.09	66.14	3.05	3.04	100	1.86	61	--	2H	1W	
66.14	69.19	3.05	2.88	94	1.82	60	--	3H	1W	
69.19	72.24	3.05	2.87	94	1.44	47	--	3H	2W	
72.24	75.29	3.05	3.05	100	2.64	87	--	4H	1W	
75.29	78.33	3.04	3.01	99	2.59	85	--	4H	1W	
78.33	81.38	3.05	3.05	100	2.88	94	--	4H	1W	
81.38	84.43	3.05	2.98	98	2.02	66	--	4H	1W	
84.43	87.48	3.05	2.96	97	2.25	74	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.52	3.04	2.94	97	2.13	70	--	3H	1W	
90.52	93.57	3.05	3	98	2.14	70	--	3H	1W	
93.57	96.62	3.05	3.03	99	2.16	71	--	3H	1W	
96.62	99.67	3.05	3.05	100	1.95	64	--	3H	1W	
99.67	102.72	3.05	3.05	100	2.71	89	--	3H	1W	
102.72	105.77	3.05	2.99	98	2.85	93	--	4H	1W	
105.77	108.81	3.04	2.89	95	2.15	71	--	4H	1W	
108.81	111.86	3.05	3.02	99	2.85	93	--	4H	1W	
111.86	114.91	3.05	3.03	99	2.62	86	--	3H	1W	
114.91	117.96	3.05	3.05	100	2.74	90	--	3H	1W	
117.96	121.01	3.05	3	98	2.79	91	--	3H	1W	
121.01	124.05	3.04	3.04	100	2.17	71	--	3H	1W	
124.05	127.10	3.05	3.02	99	1.74	57	--	3H	1W	
127.10	130.15	3.05	3.05	100	2.68	88	--	4H	1W	
130.15	133.20	3.05	2.92	96	2.72	89	--	4H	1W	
133.20	136.25	3.05	3.05	100	2.62	86	--	4H	1W	
136.25	139.29	3.04	2.99	98	2.99	98	--	4H	1W	
139.29	142.34	3.05	3.05	100	2.68	88	--	4H	1W	
142.34	145.39	3.05	2.94	96	2.64	87	--	4H	1W	
145.39	148.44	3.05	3.02	99	2.65	87	--	4H	1W	
148.44	151.49	3.05	3.03	99	2.74	90	--	4H	1W	
151.49	154.53	3.04	3.04	100	2.63	87	--	4H	1W	
154.53	157.58	3.05	2.89	95	1.35	44	--	4H	2W	
157.58	160.63	3.05	2.85	93	1.67	55	--	3H	1W	
160.63	163.68	3.05	2.99	98	1.94	64	--	4H	1W	
163.68	166.73	3.05	3.03	99	2.36	77	--	4H	1W	
166.73	169.77	3.04	2.93	96	2.09	69	--	3H	1W	
169.77	172.82	3.05	3.05	100	2.36	77	--	4H	1W	
172.82	175.87	3.05	3.01	99	2.62	86	--	4H	1W	
175.87	178.92	3.05	3.05	100	1.40	46	--	4H	1W	
178.92	181.97	3.05	3.05	100	2.73	90	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.67	88	0.92	30	--	2H	1W	
185.01	188.06	3.05	3.05	100	2.00	66	--	3H	1W	
188.06	191.11	3.05	3.03	99	2.32	76	--	4H	1W	
191.11	194.16	3.05	3.05	100	2.13	70	--	3H	1W	
194.16	197.21	3.05	3.05	100	2.06	68	--	4H	1W	
197.21	200.25	3.04	3.04	100	2.10	69	--	3H	1W	
200.25	203.30	3.05	3.05	100	2.77	91	--	3H	1W	
203.30	206.35	3.05	2.96	97	2.03	67	--	3H	1W	
206.35	209.40	3.05	3.05	100	2.41	79	--	3H	1W	
209.40	212.45	3.05	3.05	100	2.62	86	--	4H	1W	
212.45	215.49	3.04	3.04	100	2.02	66	--	4H	1W	
215.49	218.54	3.05	3.04	100	2.41	79	--	4H	1W	
218.54	221.59	3.05	2.96	97	1.54	50	--	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
2	12.2	GRD	
3	15.1	GRD	
4	9.34	GRD	
5	6.95	GRD	
6	14.6	GRD	
7	1.35	GRD	
8	12.4	GRD	
9	0.201	GRD	
10	10.4	GRD	
11	16.1	GRD	
12	15.1	GRD	
13	17	GRD	
14	11.4	GRD	
15	16.1	GRD	
16	19	GRD	
17	1.03	GRD	
18	19.9	GRD	
19	16.7	GRD	
20	14.6	GRD	
21	16	GRD	
22	16.1	GRD	
23	0.491	GRD	
24	0.351	GRD	
25	0.292	GRD	
26	0.362	GRD	
27	0.591	GRD	
28	6.49	GRD	
29	0.83	GRD	
30	5.09	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
31	0.139	GRD	
32	0.212	GRD	
33	0.502	GRD	
34	0.151	GRD	
35	0.491	GRD	
36	0.373	GRD	
37	0.031	GRD	
38	0.272	GRD	
39	0.206	GRD	
40	11.9	GRD	
41	10.7	GRD	
42	18.1	GRD	
43	0.389	GRD	
44	0.324	GRD	
45	9.66	GRD	
46	1.77	GRD	
47	1.09	GRD	
48	0.492	GRD	
49	0.703	GRD	
50	0.29	GRD	
51	0.331	GRD	
52	9.27	GRD	
53	15	GRD	
54	29.1	GRD	
55	10.1	GRD	
56	19.7	GRD	
57	23.8	GRD	
58	20.4	GRD	
59	0.414	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
60	0.328	GRD	
61	15.7	GRD	
62	20.8	GRD	
63	1.19	GRD	
64	0.702	GRD	
65	0.316	GRD	
66	10.9	GRD	
67	0.393	GRD	
68	0.448	GRD	
69	0.459	GRD	
70	0.875	GRD	
71	0.282	GRD	
72	0.093	GRD	
73	0.52	GRD	
74	2.63	GRD	
75	8.19	GRD	
76	20.6	GRD	
77	15.7	GRD	
78	26.1	GRD	
79	0.492	GRD	
80	22	GRD	
81	20	GRD	
82	14.7	GRD	
83	0.298	GRD	
84	0.328	GRD	
85	0.347	GRD	
86	0.264	GRD	
87	1.62	GRD	
88	56.7	GRD	
89	0.194	GRD	
90	0.499	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
91	0.791	GRD	
92	0.109	GRD	
93	0.4	GRD	
94	0.223	GRD	
95	0.398	GRD	
96	0.381	GRD	
97	0.448	GRD	
98	0.34	GRD	
99	0.492	GRD	
100	0.426	GRD	
101	0.397	GRD	
101	0.397	GRD	
102	1.01	GRD	
103	4.26	GRD	
104	2.48	GRD	
105	20.7	GRD	
106	13.4	GRD	
107	13.4	GRD	
108	19.1	GRD	
109	17.2	GRD	
110	42.5	GRD	
111	12.2	GRD	
112	0.39	GRD	
113	0.735	GRD	
114	0.281	GRD	
115	0.64	GRD	
116	0.252	QFP	
117	0.349	QFP	
118	0.351	QFP	
119	0.2	QFP	
120	0.418	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
121	0.378	GRD	
122	0.39	QFP	
123	0.434	QFP	
124	0.32	GRD	
125	0.469	QFP	
126	0.356	QFP	
127	5.25	MAF	
128	0.649	GRD	
129	17.2	GRD	
130	0.475	GRD	
131	1.91	GRD	
132	11.13	GRD	
133	0.58	GRD	
134	8.505	GRD	
135	17.16	GRD	
136	17.73	GRD	
137	8.539	GRD	
138	15.6	GRD	
139	0.601	GRD	
140	5.475	GRD	
141	0.402	GRD	
142	0.705	GRD	
143	17.36	GRD	
144	15.44	GRD	
145	14.62	GRD	
146	0.629	GRD	
147	20.32	GRD	
148	18.48	GRD	
149	19.05	GRD	
150	20.02	GRD	
151	10.78	GRD	
152	19.45	GRD	
153	17.26	GRD	
154	0.2	GRD	
155	0.399	GRD	
156	0.393	GRD	
157	0.377	GRD	
158	2.429	GRD	
159	19.79	GRD	
160	0.397	GRD	
161	0.502	GRD	
162	18.09	GRD	
163	6.958	GRD	
164	0.678	GRD	
165	22.39	GRD	
166	0.732	GRD	
167	0.452	GRD	
168	1.511	GRD	
169	18.81	GRD	
170	21.3	GRD	
171	0.703	GRD	
172	14.76	GRD	
173	19.23	GRD	
174	1.155	GRD	
175	29.21	GRD	
176	7.454	GRD	
177	0.63	GRD	
178	0.355	GRD	
179	0.479	GRD	
180	0.243	GRD	
181	0.255	GRD	
182	0.394	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
183	0.401	GRD	
184	0.215	GRD	
185	0.259	GRD	
186	0.663	GRD	
187	0.556	GRD	
188	12.52	GRD	
188	12.52	GRD	
189	0.604	GRD	
190	0.758	GRD	
191	0.291	GRD	
192	0.223	GRD	
193	1.068	GRD	
194	0.36	GRD	
195	0.206	GRD	
196	0.417	GRD	
197	0.371	GRD	
198	1.56	GRD	
199	18.3	GRD	
200	9.61	GRD	
201	0.515	GRD	
202	0.629	GRD	
203	0.32	GRD	
204	1.31	GRD	
205	0.047	GRD	
206	0.395	GRD	
207	0.44	GRD	
208	0.557	GRD	
209	1.39	GRD	
210	1.75	GRD	
211	0.549	GRD	
212	0.355	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
213	0.351	GRD	
214	0.636	GRD	
215	0.538	GRD	
216	0.957	GRD	
217	2.14	GRD	
218	1.06	GRD	
219	4.72	GRD	
220	2.64	GRD	
221	0.47	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381927	6890159	1319.23	198.01

ZONE: Tech

SECTION:

HOLE: KL-14-233

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth:

Drilling Dates: -

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	38.7	-49.4	Reflex
198.12	36.4	-50.7	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.39	1.39	CAS
1.39	2.72	1.33	OVB
2.72	19.68	16.96	GRD
19.68	46.73	27.05	GRD
46.73	74.37	27.64	GRD
74.37	84.5	10.13	GRD
84.5	88.17	3.67	GRD
88.17	105.77	17.6	GRD
105.77	113.1	7.33	GRD
113.1	116.31	3.21	GRD
116.31	116.8	0.49	QFP
116.8	117	0.2	BXA
117	117.37	0.37	QFP
117.37	117.91	0.54	BXA
117.91	119.37	1.46	GRD
119.37	126.68	7.31	GRD

SAMPLES	
Numbers:	Q934508 to Q934511, Q934514 to Q934516, Q935136 to Q935161
Total:	42
Batch:	189, 198, D01
Certificates:	WH14119706, WH14129181, WH14132986

COMMENTS

126.68	139.55	12.87	GRD
139.55	139.9	0.35	QFP
139.9	169.71	29.81	GRD
169.71	180	10.29	GRD
180	180.39	0.39	BXA
180.39	180.52	0.13	GRD
180.52	186.85	6.33	QFP
186.85	198.01	11.16	QFP

Box Log

KL-14-233

Klaza Tech Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.39	4.98
2	4.98	8.49
3	8.49	11.42
4	11.42	14.75
5	14.75	17.52
6	17.52	20.64
7	20.64	23.91
8	23.91	26.92
9	26.92	30.05
10	30.05	33.01
11	33.01	36.06
12	36.06	39.15
13	39.15	41.82
14	41.82	45.13
15	45.13	48.17
16	48.17	51.23
17	51.23	53.95
18	53.95	57
19	57	60.05
20	60.05	62.99
21	62.99	66
22	66	69.19
23	69.19	72.24
24	72.24	75.4
25	75.4	78.2
26	78.2	81.22
27	81.22	84.38
28	84.38	87.45
29	87.45	90.42
30	90.42	93.4
31	93.4	96.42
32	96.42	99.67
33	99.67	102.72
34	102.72	105.77
35	105.77	108.75
36	108.75	111.77
37	111.77	114.81
38	114.81	117.86
39	117.86	121.16
40	121.16	124.09
41	124.09	127.1
42	127.1	130.15
43	130.15	133.2
44	133.2	136.25
45	136.25	139.5
46	139.5	142.34
47	142.34	145.39
48	145.39	148.44
49	148.44	151.49
50	151.49	154.33
51	154.33	157.58
52	157.58	160.63
53	160.63	163.68
54	163.68	166.73
55	166.73	169.77
56	169.77	172.82
57	172.82	175.87
58	175.87	178.92
59	178.92	181.97
60	181.97	185.01
61	185.01	188.06
62	188.06	191.11
63	191.11	194.16
64	194.16	197.37
65	197.37	198.01

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-233									
	29.46	12.4	HQ	GRD	899.3	531.2	2.48	2.4	Moderately oxidized, weak potassic, overprinting argillic alteration.
	61.27	10	HQ	GRD	848.4	530.1	2.9	2.7	Moderately silicified, trace potassic/propyllitic altered granodiorite.
	85.1	12.9	HQ	GRD	976.4	604.5	2.59	2.6	Moderately potassic/propyllitic altered granodiorite with patchy weak argillic alteration.
	135.92	12.1	HQ	GRD	1032.8	647.7	2.92	2.7	Moderately silicified, weak potassic/propyllitic altered granodiorite.
	162.31	13.2	HQ	GRD	1138.1	720.4	2.95	2.7	Weak phyllic envelope around carbonate veinlet, in silicified weak potassic/propyllitic altered granodiorite.
	183.65	15.7	HQ	QFP	1332.1	825.2	2.9	2.6	Grey/green quartz feldspar porphyry dyke.
	195.75	9.6	HQ	QFP	797.8	496.6	2.84	2.7	Strong silicified brown/grey quartz feldspar porphyry dyke.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.39	2.72	1.33	OVB	--	Dark brown organic rich dirt and light brown dirt with granodiorite cobbles.							
						LT	BN					
						DK	BN					
2.72	19.68	16.96	GRD	MG	Unaltered granodiorite with patchy pervasively oxidized silicified phyllic alteration and pervasively oxidized argillic alteration. Moderately oxidized along fractures.							
						MD	GY		OXI	3I		
						MD	OR		OXI	4I		
						MD	GN		SIL	3I		
						LT	WH		PHC	3I		
									ARG	3I		
19.68	33.07	13.39	GRD	MG	Moderately argillic altered granodiorite with a weak to moderate potassic and weak propyllitic overprint. Patchy pervasive moderate oxidation. Small phyllic envelopes around carbonate +/- quartz veins.							
						MD	PK		POT	2I		
						MD	OR		PRO	2I		
						LT	WH	PA	ARG	3I		
						DK	GN		PRO	3I		
									OXI	3I		
33.07	35.05	1.98	GRD	MG	Pervasive moderate to strongly oxidized, silicified moderate phyllic/propyllitic altered granodiorite.							
						MD	OR		OXI	3I		
						MD	GY		OXI	4I		
						MD	GN		SIL	3I		
									PHC	3I		
									PRO	3I		
35.05	36.60	1.55	GRD	MG	Strongly gouge altered pervasive moderate to strongly oxidized, silicified moderate phyllic/propyllitic altered granodiorite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		OXI	3I		
						MD	GY		OXI	4I		
						MD	GN		SIL	3I		
						LT	GY		PHC	3I		
									PRO	3I		
36.60	46.73	10.13	GRD	MG	Moderately argillic altered granodiorite with a weak to moderate potassic and weak propyllitic overprint. Patchy pervasive moderate oxidation. Small phyllic envelopes around carbonate +/- quartz veins.							
						MD	PK		POT	2I		
						MD	OR		PRO	2I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
									OXI	3I		
46.73	47.94	1.21	GRD	MG	Trace to weak potassic/propyllitic alteration. Moderately silicified. Patchy potassic/propyllitic overprinted argillic alteration. Moderate to weakly oxidized fracture surfaces. Small phyllic envelopes around carbonate veins.							
						MD	GY	PA	POT	1I		
						MD	OR		SIL	3I		
						MD	PK		POT	2I		
						LT	WH		PRO	2I		
						DK	GN		PRO	1I		
									OXI	3I		
									ARG	3I		
									OXI	2I		
47.94	50.17	2.23	GRD	MG	Weak phyllic altered granodiorite with patchy weak propyllitic alteration.							
						LT	GN	PA	PHC	2I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
50.17	74.37	24.20	GRD	MG	Trace to weak potassic/propyllitic alteration. Moderately silicified. Patchy potassic/propyllitic overprinted argillic alteration. Moderate to weakly oxidized fracture surfaces. Small phyllic envelopes around carbonate veins.							
						MD	OR		SIL	3I		
						MD	GY		POT	1I		
						MD	PK		POT	2I		
						LT	WH		PRO	2I		
						DK	GN		PRO	1I		
									OXI	2I		
									OXI	3I		
									ARG	3I		
74.37	84.50	10.13	GRD	MG	Moderately silicified, phyllic/propyllitic altered granodiorite with patches of propyllitic/potassic overprinted weak to moderate argillic alteration.							
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	3I		
						LT	WH		PRO	2I		
						DK	GN		PRO	3I		
									ARG	3I		
									POT	3I		
									ARG	2I		
84.50	88.17	3.67	GRD	MG	Moderate propyllitic/potassic altered granodiorite with patchy potassic weak to moderate argillic alteration. Small phyllic envelopes around quartz carbonate veins.							
						MD	PK		PRO	3I		
						MD	GY		ARG	3I		
						LT	WH		ARG	2I		
						DK	GN	PA	POT	3I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
88.17	105.77	17.60	GRD	MG	Alternating patches of moderately potassic/propyllitic alteration, weak potassic/propyllitic alteration, and potassic/propyllitic overprinted argillic alteration and weak phyllic envelopes around carbonate veinlets.							
						MD	PK		POT	2I		
						MD	GY		PRO	2I		
						LT	WH		PRO	3I		
						LT	GN		ARG	3I		
						DK	GN	PA	POT	3I		
									PHC	3I		
105.77	113.10	7.33	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		POT	2I		
						MD	GY		PRO	2I		
						DK	GN		SIL	3I		
113.10	116.31	3.21	GRD	MG	Patchy weak to moderately phyllic altered granodiorite with patchy propyllitic, potassic/propyllitic and weak to moderate argillic alteration.							
						MD	PK		PHC	3I		
						LT	WH		PRO	3I		
						LT	GN		PRO	2I		
						DK	GN	PA	PHC	2I		
									ARG	3I		
									POT	2I		
									ARG	2I		
116.31	116.80	0.49	QFP	FG	Light grey quartz feldspar porphyry dyke.							
						LT	GY	PO				
116.80	117.00	0.20	BXA	--	Polymictic breccia with a silicified/propyllitic(?) granodiorite(?) matrix and grey quartz feldspar porphyry dyke clasts, silicified/phyllic granodiorite clasts and smokey quartz pyrite vein clasts. Clast are sub angular to sub-rounded and sand to cobble in size. Breccia is silicified. Contacts with dyke are brecciated.							
						DK	GY	BX	SIL	4I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	BK					
117.00	117.37	0.37	QFP	FG	Light grey and light tan quartz feldspar porphyry dyke. Minorly brecciated by grey quartz.							
						LT	GY	PO				
						LT	TN					
117.37	117.91	0.54	BXA	--	Polymictic dark grey to black smokey quartz. Angular to sub-angular sand to pebble sized clasts of light grey to light tan dyke, phyllic granodiorite, quartz/carbonate vein and light tan ankerite. Smokey quartz hosts disseminated pyrite. Lower 1/4 of the breccia is cross-cut by vuggy light tan ankerite veins.							
								BX			Py	1
117.91	119.37	1.46	GRD	MG	Weak to moderately phyllic altered granodiorite with patchy weak argillic alteration.							
						LT	GN	PA	PHC	2I		
						LT	WH		PHC	3I		
									ARG	2I		
119.37	126.68	7.31	GRD	MG	Alternating patches moderate potassic overprinted moderate argillic alteration, moderate phyllic/propyllitic alteration, weak potassic/propyllitic alteration and weak potassic/propyllitic overprinted argillic alteration.							
						MD	GY	PA	PRO	2I		
						MD	PK		ARG	3I		
						LT	WH		PHC	3I		
						LT	GN		PRO	3I		
						DK	GN		POT	2I		
126.68	139.55	12.87	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. Small phyllic envelopes around the occasional carbonate veinlet.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
139.55	139.90	0.35	QFP	FG	Pink/green quartz feldspar. Weakly gouge altered. Has a 1cm x 1cm rounded square clast of unaltered(?) granodiorite. Small 1-2mm orange halo around clast.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK	PO				
						MD	GN					
139.90	150.25	10.35	GRD	MG	Alternating patches of weak to moderate potassic/propyllitic altered granodiorite, weak potassic/propyllitic overprinted argillic alteration and phyllic envelopes around quartz/carbonate veins.							
						MD	PK		POT	3I		
						MD	GY		PRO	3I		
						LT	WH		PRO	2I		
						DK	GN	PA	POT	2I		
									PHC	3I		
150.25	161.25	11.00	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy weak potassic/propyllitic moderately silicified granodiorite and weak potassic/propyllitic overprinted argillic altered granodiorite. Phyllic alteration hosts quartz/carbonate veins							
						MD	GN		PHC	3I		
						MD	PK		ARG	3I		
						MD	GY		POT	2I		
						LT	GN	PA	SIL	3I		
						LT	WH		PRO	2I		
						DK	GN					
161.25	169.71	8.46	GRD	MG	Alternating patches of weak to moderate potassic/propyllitic altered granodiorite, weak potassic/propyllitic overprinted argillic alteration and phyllic envelopes around quartz/carbonate veins.							
						MD	GY		PRO	3I		
						MD	PK		POT	3I		
						LT	WH		PRO	2I		
						DK	GN		POT	2I		
									PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
169.71	173.85	4.14	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy propyllitic alteration and weak argillic alteration.							
						LT	WH		PRO	3I		
						LT	GN		PHC	3I		
						DK	GN		SIL	3I		
									ARG	3I		
173.85	174.50	0.65	GRD	MG	Moderately silicified weakly potassic/propyllitic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	2I		
174.50	176.00	1.50	GRD	MG	Moderately potassic overprinted argillic alteration.							
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
176.00	180.00	4.00	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy propyllitic alteration and weak argillic alteration. Hosts multiple quartz/carbonate/sulphides veins.							
						LT	GN		PHC	3I		
						LT	WH		PRO	3I		
						DK	GN		SIL	3I		
									ARG	3I		
180.00	180.39	0.39	BXA	--	Polymictic dark grey to black quartz breccia. Sand to pebble sized white carbonate, grey quartz, dyke and phyllic granodiorite clasts.							
								BX				
180.39	180.52	0.13	GRD	MG	Moderately gouge altered moderately silicified phyllic altered granodiorite with patchy propyllitic alteration and weak argillic alteration.							
						LT	GN		PHC	3I		
						LT	WH		PRO	3I		
						DK	GN		SIL	3I		
									ARG	3I		
180.52	186.85	6.33	QFP	FG	Grey/green and purple quartz feldspar porphyry dyke. Sand to pebble sized phenocrysts.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PO				
						MD	GN					
186.85	198.01	11.16	QFP	FG	Patchy weakly gouge altered, strongly silicified tan, orange and brown quartz feldspar porphyry dyke..							
						MD	OR	PO	SIL	4I		
						MD	BN					
						MD	TN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.39	2.72	1.33	OVB	--	Dark brown organic rich dirt and light brown dirt with granodiorite cobbles.							
						LT	BN					
						DK	BN					
2.72	19.68	16.96	GRD	MG	Unaltered granodiorite with patchy pervasively oxidized silicified phyllic alteration and pervasively oxidized argillic alteration. Moderately oxidized along fractures.							
						MD	GY		OXI	3I		
									ARG	3I		
						LT	WH		PHC	3I		
						MD	OR		OXI	4I		
						MD	GN		SIL	3I		
19.68	46.73	27.05	GRD	MG	Moderately argillic altered granodiorite with a weak to moderate potassic and weak propyllitic overprint. Patchy pervasive moderate oxidation. Small phyllic envelopes around carbonate +/- quartz veins.							
									OXI	3I		
						LT	WH	PA	ARG	3I		
						MD	PK		POT	2I		
						DK	GN		PRO	3I		
						MD	OR		PRO	2I		
46.73	74.37	27.64	GRD	MG	Trace to weak potassic/propyllitic alteration. Moderately silicified. Patchy potassic/propyllitic overprinted argillic alteration. Moderate to weakly oxidized fracture surfaces. Small phyllic envelopes around carbonate veins.							
						MD	PK		POT	2I		
						DK	GN		PRO	1I		
									ARG	3I		
						LT	WH		PRO	2I		
						MD	OR		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									OXI	2I		
									OXI	3I		
						MD	GY	PA	POT	1I		
74.37	84.50	10.13	GRD	MG	Moderately silicified, phyllic/propyllitic altered granodiorite with patches of propyllitic/potassic overprinted weak to moderate argillic alteration.							
									ARG	3I		
									ARG	2I		
						LT	GN	PA	SIL	3I		
						MD	GN		PHC	3I		
						DK	GN		PRO	3I		
						LT	WH		PRO	2I		
									POT	3I		
84.50	88.17	3.67	GRD	MG	Moderate propyllitic/potassic altered granodiorite with patchy potassic weak to moderate argillic alteration. Small phyllic envelopes around quartz carbonate veins.							
									PHC	3I		
						MD	GY		ARG	3I		
						LT	WH		ARG	2I		
						DK	GN	PA	POT	3I		
						MD	PK		PRO	3I		
88.17	105.77	17.60	GRD	MG	Alternating patches of moderately potassic/propyllitic alteration, weak potassic/propyllitic alteration, and potassic/propyllitic overprinted argillic alteration and weak phyllic envelopes around carbonate veinlets.							
						MD	PK		POT	2I		
						LT	GN		ARG	3I		
						MD	GY		PRO	2I		
									PHC	3I		
						DK	GN	PA	POT	3I		
						LT	WH		PRO	3I		
105.77	113.10	7.33	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						DK	GN		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		POT	2I		
						MD	GY		PRO	2I		
113.10	116.31	3.21	GRD	MG	Patchy weak to moderately phyllic altered granodiorite with patchy propyllitic, potassic/propyllitic and weak to moderate argillic alteration.							
						DK	GN	PA	PHC	2I		
						MD	PK		PHC	3I		
						LT	WH		PRO	3I		
						LT	GN		PRO	2I		
									ARG	3I		
									POT	2I		
									ARG	2I		
116.31	116.80	0.49	QFP	FG	Weakly gouge altered light grey quartz feldspar porphyry dyke.							
						LT	GY	PO				
116.80	117.00	0.20	BXA	--	Polymictic breccia with a silicified/propyllitic(?) granodiorite(?) matrix and grey quartz feldspar porphyry dyke clasts, silicified/phyllic granodiorite clasts and smokey quartz pyrite vein clasts. Clast are sub angular to sub-rounded and sand to cobble in size. Breccia is silicified. Contacts with dyke are brecciated.							
						DK	BK					
						DK	GY	BX	SIL	4I	Py	1
117.00	117.37	0.37	QFP	FG	Light grey and light tan quartz feldspar porphyry dyke. Minorly brecciated by grey quartz.							
						LT	GY	PO				
						LT	TN					
117.37	117.91	0.54	BXA	--	Polymictic dark grey to black smokey quartz. Angular to sub-angular sand to pebble sized clasts of light grey to light tan dyke, phyllic granodiorite, quartz/carbonate vein and light tan ankerite. Smokey quartz hosts disseminated pyrite. Lower 1/4 of the breccia is cross-cut by vuggy light tan ankerite veins.							
								BX			Py	1
117.91	119.37	1.46	GRD	MG	Weak to moderately phyllic altered granodiorite with patchy weak argillic alteration.							
						LT	GN	PA	PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		PHC	3I		
									ARG	2I		
119.37	126.68	7.31	GRD	MG	Alternating patches moderate potassic overprinted moderate argillic alteration, moderate phyllic/propyllitic alteration, weak potassic/propyllitic alteration and weak potassic/propyllitic overprinted argillic alteration.							
						MD	PK		ARG	3I		
						LT	WH		PHC	3I		
						DK	GN		POT	2I		
						MD	GY	PA	PRO	2I		
						LT	GN		PRO	3I		
126.68	139.55	12.87	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. Small phyllic envelopes around the occasional carbonate veinlet.							
						MD	GY		SIL	3I		
						DK	GN		POT	2I		
						MD	PK		PRO	2I		
139.55	139.90	0.35	QFP	FG	Pink/green quartz feldspar. Weakly gouge altered. Has a 1cm x 1cm rounded square clast of unaltered(?) granodiorite. Small 1-2mm orange halo around clast.							
						MD	PK	PO				
						MD	GN					
139.90	169.71	29.81	GRD	MG	Alternating patches of weak to moderate potassic/propyllitic altered granodiorite, weak potassic/propyllitic overprinted argillic alteration and phyllic envelopes around quartz/carbonate veins.							
						DK	GN	PA	POT	2I		
									PHC	3I		
						MD	PK		POT	3I		
						MD	GY		PRO	3I		
						LT	WH		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
169.71	180.00	10.29	GRD	MG	Moderately silicified phyllic altered granodiorite with patchy propyllitic alteration and weak argillic alteration.							
						LT	GN		PHC	3I		
						DK	GN		SIL	3I		
						LT	WH		PRO	3I		
									ARG	3I		
180.00	180.39	0.39	BXA	--	Polymictic dark grey to black quartz breccia. Sand to pebble sized white carbonate, grey quartz, dyke and phyllic granodiorite clasts.							
								BX				
180.39	180.52	0.13	GRD	MG	Moderately gouge altered moderately silicified phyllic altered granodiorite with patchy propyllitic alteration and weak argillic alteration.							
						LT	GN		PHC	3I		
									ARG	3I		
						DK	GN		SIL	3I		
						LT	WH		PRO	3I		
180.52	186.85	6.33	QFP	FG	Grey/green and purple quartz feldspar porphyry dyke. Sand to pebble sized phenocrysts.							
						MD	GY	PO				
						MD	GN					
186.85	198.01	11.16	QFP	FG	Patchy weakly gouge altered, strongly silicified tan, orange and brown quartz feldspar porphyry dyke..							
						MD	OR	PO	SIL	4I		
						MD	TN					
						MD	BN					

KL-14-233

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.39	1.39	0	0	0.00	0	--	--	--	
1.39	2.13	0.74	0.5	68	0.00	0	--	1H	5W	
2.13	5.18	3.05	1.82	60	0.38	12	--	1H	4W	
5.18	8.23	3.05	2.31	76	0.48	16	--	2H	3W	
8.23	11.27	3.04	2.6	86	0.64	21	--	3H	3W	
11.27	14.33	3.06	3	98	1.82	59	--	3H	3W	
14.33	17.37	3.04	3.03	100	0.58	19	--	2H	4W	
17.37	20.42	3.05	2.55	84	1.01	33	--	2H	4W	
20.42	23.47	3.05	2.97	97	1.30	43	--	2H	4W	
23.47	26.52	3.05	3.05	100	2.19	72	--	3H	3W	
26.52	29.57	3.05	2.92	96	1.81	59	--	3H	3W	
29.57	32.62	3.05	3.05	100	2.36	77	--	3H	3W	
32.62	35.67	3.05	3.01	99	1.71	56	--	2H	4W	
35.67	38.71	3.04	2.83	93	1.25	41	--	2H	3W	
38.71	41.76	3.05	2.84	93	0.71	23	--	2H	4W	
41.76	44.81	3.05	2.86	94	0.81	27	--	2H	3W	
44.81	47.85	3.04	2.9	95	1.38	45	--	2H	3W	
47.85	50.90	3.05	3	98	1.66	54	--	3H	3W	
50.90	53.95	3.05	2.95	97	1.02	33	--	3H	3W	
53.95	57.00	3.05	2.98	98	1.29	42	--	4H	3W	
57.00	60.05	3.05	2.84	93	1.54	50	--	4H	3W	
60.05	63.09	3.04	3.04	100	2.08	68	--	3H	2W	
63.09	66.14	3.05	3.03	99	2.16	71	--	3H	3W	
66.14	69.19	3.05	2.9	95	2.09	69	--	3H	3W	
69.19	72.24	3.05	3.04	100	2.10	69	--	3H	2W	
72.24	75.29	3.05	3.05	100	2.57	84	--	3H	2W	
75.29	78.33	3.04	2.95	97	1.01	33	--	3H	1W	
78.33	81.38	3.05	2.86	94	1.34	44	--	2H	1W	
81.38	84.43	3.05	3.01	99	1.55	51	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
84.43	87.48	3.05	3.05	100	2.36	77	--	3H	1W	
87.48	90.53	3.05	2.97	97	2.49	82	--	3H	1W	
90.53	93.57	3.04	3.04	100	1.86	61	--	3H	1W	
93.57	96.62	3.05	3.05	100	2.42	79	--	3H	1W	
96.62	99.67	3.05	3.03	99	2.35	77	--	3H	1W	
99.67	102.72	3.05	3.05	100	2.03	67	--	3H	1W	
102.72	105.77	3.05	3.02	99	1.98	65	--	3H	1W	
105.77	108.81	3.04	3.04	100	2.34	77	--	4H	1W	
108.81	111.86	3.05	3.03	99	1.66	54	--	4H	1W	
111.86	114.91	3.05	3.05	100	2.40	79	--	3H	1W	
114.91	117.96	3.05	3.05	100	2.25	74	--	3H	1W	
117.96	121.01	3.05	3.01	99	2.34	77	--	3H	1W	
121.01	124.05	3.04	3.04	100	2.30	76	--	3H	1W	
124.05	127.10	3.05	2.99	98	2.28	75	--	3H	1W	
127.10	130.15	3.05	3.03	99	1.73	57	--	4H	1W	
130.15	133.20	3.05	3.05	100	2.56	84	--	4H	1W	
133.20	136.25	3.05	3.04	100	1.86	61	--	4H	1W	
136.25	139.29	3.04	3.02	99	2.41	79	--	4H	1W	
139.29	142.34	3.05	2.58	85	1.13	37	--	3H	1W	
142.34	145.39	3.05	3.05	100	1.97	65	--	3H	1W	
145.39	148.44	3.05	3.05	100	2.34	77	--	3H	1W	
148.44	151.49	3.05	3.04	100	1.61	53	--	3H	1W	
151.49	154.53	3.04	3.02	99	1.54	51	--	3H	1W	
154.53	157.58	3.05	2.98	98	2.18	71	--	3H	1W	
157.58	160.63	3.05	3.05	100	1.94	64	--	3H	1W	
160.63	163.68	3.05	3.05	100	2.74	90	--	3H	1W	
163.68	166.73	3.05	3.01	99	2.33	76	--	3H	1W	
166.73	169.77	3.04	3.04	100	2.28	75	--	3H	1W	
169.77	172.82	3.05	3.05	100	2.02	66	--	3H	1W	
172.82	175.87	3.05	3.04	100	0.82	27	--	3H	1W	
175.87	178.92	3.05	3.05	100	2.44	80	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
178.92	181.97	3.05	3.05	100	1.58	52	--	3H	1W	
181.97	185.01	3.04	3.04	100	1.52	50	--	3H	1W	
185.01	188.06	3.05	2.98	98	2.05	67	--	3H	1W	
188.06	191.11	3.05	3.04	100	2.39	78	--	3H	1W	
191.11	194.16	3.05	3	98	1.73	57	--	3H	1W	
194.16	197.21	3.05	3.02	99	1.81	59	--	3H	1W	
197.21	198.01	0.80	0.8	100	0.52	65	--	3H	1W	E.O.H

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
1	13.04	CAS	
2	17.48	OVB	
3	8.54	GRD	
4	0.453	GRD	
5	0.3	GRD	
6	1.054	GRD	
7	14.5	GRD	
8	0.506	GRD	
9	0.432	GRD	
10	0.425	GRD	
11	1.634	GRD	
12	16.57	GRD	
13	20.36	GRD	
14	15.83	GRD	
15	18.66	GRD	
16	18.01	GRD	
17	15.62	GRD	
18	16.34	GRD	
19	17.9	GRD	
20	10.38	GRD	
21	2.257	GRD	
22	0.343	GRD	
23	0.212	GRD	
24	0.256	GRD	
25	0.322	GRD	
26	2.31	GRD	
27	0.181	GRD	
28	1.083	GRD	
29	0.285	GRD	
30	7.741	GRD	
31	3.363	GRD	
32	2.282	GRD	
33	1.594	GRD	
34	0.275	GRD	
35	0.224	GRD	
36	0.257	GRD	
37	0.351	GRD	
38	2.416	GRD	
39	2.148	GRD	
40	2.253	GRD	
41	0.411	GRD	
42	0.341	GRD	
43	0.701	GRD	
44	2.735	GRD	
45	0.255	GRD	
46	0.641	GRD	
47	1.902	GRD	
48	0.401	GRD	
49	0.299	GRD	
50	0.258	GRD	
51	8.095	GRD	
52	15.47	GRD	
53	0.444	GRD	
54	9.082	GRD	
55	17.48	GRD	
56	18.68	GRD	
57	2.441	GRD	
58	14.25	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
59	18.51	GRD	
60	7.249	GRD	
61	9.996	GRD	
62	20.77	GRD	
63	16.93	GRD	
64	18.89	GRD	
65	11.65	GRD	
66	0.66	GRD	
67	20.88	GRD	
68	12.97	GRD	
69	13.84	GRD	
70	3.599	GRD	
71	0.336	GRD	
72	21	GRD	
73	0.488	GRD	
74	0.301	GRD	
75	0.528	GRD	
76	0.329	GRD	
77	1.408	GRD	
78	0.256	GRD	
79	0.363	GRD	
80	0.421	GRD	
81	0.451	GRD	
82	0.293	GRD	
83	2.64	GRD	
84	0.498	GRD	
85	0.345	GRD	
86	0.539	GRD	
87	0.513	GRD	
88	0.467	GRD	
89	0.352	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
90	0.245	GRD	
91	0.292	GRD	
92	0.757	GRD	
93	0.485	GRD	
94	0.289	GRD	
95	0.346	GRD	
96	17.92	GRD	
97	0.373	GRD	
98	0.577	GRD	
99	0.337	GRD	
100	0.421	GRD	
101	0.42	GRD	
102	2.64	GRD	
103	0.442	GRD	
104	0.428	GRD	
105	7.3	GRD	
106	17.7	GRD	
107	5.13	GRD	
108	10.2	GRD	
109	2.97	GRD	
110	0.497	GRD	
111	1.16	GRD	
112	5.82	GRD	
113	0.22	GRD	
114	0.264	GRD	
115	0.593	GRD	
116	0.309	GRD	
117	0.197	BXA	
117	0.197	QFP	
118	0.391	GRD	
119	0.423	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
120	0.418	GRD	
121	6.04	GRD	
122	0.046	GRD	
123	0.557	GRD	
124	0.364	GRD	
125	0.584	GRD	
126	0.467	GRD	
127	13.9	GRD	
128	0.635	GRD	
129	11.8	GRD	
130	22.2	GRD	
131	15.8	GRD	
132	19.3	GRD	
133	41.1	GRD	
134	20	GRD	
135	4.29	GRD	
136	11.6	GRD	
137	11.8	GRD	
138	2.14	GRD	
139	14.2	GRD	
140	2.73	GRD	
141	3.08	GRD	
142	18.8	GRD	
143	0.394	GRD	
144	0.333	GRD	
145	0.644	GRD	
146	0.526	GRD	
147	3.31	GRD	
148	19	GRD	
149	4.843	GRD	
150	0.335	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
151	0.291	GRD	
152	0.974	GRD	
153	0.308	GRD	
154	0.359	GRD	
155	0.418	GRD	
156	1.557	GRD	
157	0.312	GRD	
158	0.487	GRD	
159	13.93	GRD	
160	10.76	GRD	
161	20.07	GRD	
162	0.958	GRD	
163	10.05	GRD	
164	0.527	GRD	
165	1.912	GRD	
166	14.34	GRD	
167	3.134	GRD	
168	0.399	GRD	
169	8.896	GRD	
170	0.597	GRD	
171	0.453	GRD	
172	0.391	GRD	
173	0.447	GRD	
174	1.844	GRD	
175	0.349	GRD	
176	0.378	GRD	
177	0.719	GRD	
178	0.39	GRD	
179	0.217	GRD	
180	0.191	GRD	
180	0.191	BXA	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
181	0.318	QFP	
182	0.245	QFP	
183	0.227	QFP	
184	0.267	QFP	
185	0.245	QFP	
186	0.255	QFP	
187	0.043	QFP	
188	0.048	QFP	
189	0.035	QFP	
190	0.024	QFP	
191	0.126	QFP	
192	0.023	QFP	
193	0.033	QFP	
194	0.023	QFP	
195	0.04	QFP	
196	0.032	QFP	
197	0.139	QFP	
198	0.142	QFP	E.O.H.

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		383726	6889429	1368.55	279.5

ZONE: Pearl

SECTION:

HOLE: KL-14-234

CLAIM:

Contractor: Platinum

Drill: 3

Core Size: NQ2

Casing Depth:

Drilling Dates: -

Geology Logged By: H. Friday

SURVEY			
Depth (m)	Azimuth	Dip	Method
5.18	7.5	-50.3	Reflex
279.5	34.3	-51.8	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.11	4.11	CAS
4.11	8.08	3.97	GRD
8.08	24.92	16.84	GRD
24.92	27.38	2.46	GRD
27.38	33.3	5.92	GRD
33.3	42.95	9.65	GRD
42.95	51.83	8.88	GRD
51.83	52.28	0.45	GRD
52.28	52.78	0.5	GRD
52.78	55.88	3.1	QFP
55.88	56.93	1.05	GRD
56.93	58.2	1.27	GRD
58.2	60.2	2	BXA
60.2	62	1.8	GRD
62	62.75	0.75	GRD
62.75	63.55	0.8	GRD

SAMPLES	
Numbers:	Q934601 to Q934650, Q935585 to Q935650
Total:	121
Batch:	195, 197, 199, 200
Certificates:	WH14119707, WH14129185, WH14129186, WH14132988

COMMENTS

63.55	66.14	2.59	GRD
66.14	81.68	15.54	GRD
81.68	82.48	0.8	GRD
82.48	84.83	2.35	GRD
84.83	89.7	4.87	GRD
89.7	97.28	7.58	GRD
97.28	97.81	0.53	GRD
97.81	99.85	2.04	GRD
99.85	104.68	4.83	GRD
104.68	114.35	9.67	GRD
114.35	123.28	8.93	GRD
123.28	124.78	1.5	QFP
124.78	125.05	0.27	QFP
125.05	125.72	0.67	BXA
125.72	127.19	1.47	QFP
127.19	129.97	2.78	GRD
129.97	138	8.03	GRD
138	176.54	38.54	GRD
176.54	177.29	0.75	GRD
177.29	183.97	6.68	GRD
183.97	193.03	9.06	GRD
193.03	204.85	11.82	GRD
204.85	205.97	1.12	GRD
205.97	215.62	9.65	GRD
215.62	222.36	6.74	GRD
222.36	223.45	1.09	GRD
223.45	225.81	2.36	VOL
225.81	240.7	14.89	GRD
240.7	242.93	2.23	GRD
242.93	244.6	1.67	QFP
244.6	246.36	1.76	GRD
246.36	249.57	3.21	GRD

249.57	252.88	3.31	GRD
252.88	256.6	3.72	QFP
256.6	266.78	10.18	GRD
266.78	271.54	4.76	GRD
271.54	279.5	7.96	GRD

Box Log

KL-14-234

Klaza
Pearl Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.11	7.41
2	7.41	11.6
3	11.6	15.4
4	15.4	19.25
5	19.25	23.47
6	23.47	27.55
7	27.55	31.9
8	31.9	36.1
9	36.1	40.15
10	40.15	44.59
11	44.59	48.63
12	48.63	52.94
13	52.94	57.04
14	57.04	61.35
15	61.35	65.74
16	65.74	70.06
17	70.06	74.33
18	74.33	78.44
19	78.44	82.69
20	82.69	86.88
21	86.88	91.24
22	91.24	95.78
23	95.78	99.85
24	99.85	103.8
25	103.8	108.09
26	108.09	112.58
27	112.58	116.95
28	116.95	121.01
29	121.01	124.89
30	124.89	129.04
31	129.04	133.2
32	133.2	137.56
33	137.56	141.86
34	141.86	146.06
35	146.06	150.28
36	150.28	154.66
37	154.66	159.03
38	159.03	163.16
39	163.16	167.11
40	167.11	171.48
41	171.48	175.65
42	175.65	179.71
43	179.71	183.97
44	183.97	188.32
45	188.32	192.73
46	192.73	197.12
47	197.12	201.35
48	201.35	205.8
49	205.8	209.9
50	209.9	214.35
51	214.35	218.59
52	218.59	222.61
53	222.61	226.84
54	226.84	231.1
55	231.1	235.55
56	235.55	239.88
57	239.88	243.9
58	243.9	248.13
59	248.13	252.56
60	252.56	256.62
61	256.62	260.86
62	260.86	265.05
63	265.05	269.67
64	269.67	273.81
65	273.81	277.26
66	277.26	279.5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.11	8.08	3.97	GRD	MG	Rubbly, weakly phyllic altered granodiorite. Oxidized clay alteration seen on rubble surfaces. Weak limonite and goethite weakly on fractures.							
						MD	BN	MA	PHC	3I	Li	1
						LT	BN		CLY	2I	Go	1
8.08	24.92	16.84	GRD	MG	Moderately phyllic altered granodiorite with local argillic patches. Oxidation pervasive and locally altering whole core. Disseminated to blebby pyrite seen locally. Limonite seen on select fractures. Clay stringers seen locally.							
						LT	GN	MA	PHC	4I	Py	1
						LT	TN		ARG	2I	Li	1
									CLY	1I		
24.92	27.38	2.46	GRD	MG	Patchy weak argillic, potassic, propylitic and unaltered granodiorite. Weak clay seen on fracture surfaces. Weak oxidation on fracture surfaces only.							
						MD	GY		PRO	1I		
						LT	GY	MA	ARG	2I		
									CLY	2I		
									POT	1I		
27.38	33.30	5.92	GRD	MG	Unaltered granodiorite with weak oxidation on select fracture surfaces. Small oxidized gouge seams and stringers throughout.							
						MD	GY	MA	CLY	2I		
33.30	42.95	9.65	GRD	MG	Moderately phyllic altered granodiorite with patchy argillic alteration. Oxidation pervasive and altering whole core for most of interval. Disseminated to blebby pyrite. Clay alteration pervasive and on majority of fracture surfaces. Undulatory calcite stringers throughout.							
						LT	GN	MA	PHC	4I		
						LT	TN		ARG	3I		
									CLY	3I		
42.95	51.83	8.88	GRD	MG	Unaltered granodiorite with weak oxidation on select fracture surfaces. Small oxidized gouge seams and stringers throughout.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	MA	CLY	2I		
									PRO	1I		
51.83	52.28	0.45	GRD	MG	Strongly phyllic granodiorite. Weak oxidation on fracture surfaces.							
						LT	GN	MA	PHC	5I		
									ARG	1I		
52.28	52.78	0.50	GRD	MG	Heavily clay altered and gougey phyllic granodiorite contact into dyke. Gouge seams and veins locally brecciating granodiorite. Disseminated to blebby pyrite. Barren calcite veins and veinletts locally.							
						LT	TN	MA	PHC	4I	Py	5
						LT	GY		CLY	5I		
52.78	55.88	3.10	QFP	FG	Mid brown to light grey quartz feldspar porphyry dyke. Clay seen on select fracture surfaces and as stringers throughout. Clay concentrated around contacts.							
						MD	BN	PO	CLY	3I		
						LT	GY					
55.88	56.93	1.05	GRD	MG	Moderately phyllic and argillic granodiorite with very pervasive oxidation and oxidized gouge zones. Locally quartz rubble in oxidized gouge. Disseminated pyrite throughout.							
						MD	TN	MA	CLY	4I	Py	2
						LT	GY		PHC	3I		
									ARG	3I		
56.93	58.20	1.27	GRD	MG	Patchy phyllic, argillic and propylitic granodiorite with pervasive oxidation throughout. Weak clay seen on fracture surfaces.							
						LT	TN	MA	PHC	3I		
						LT	GY		ARG	3I		
									CLY	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
58.20	60.20	2.00	BXA	CG	Breccia zone - 2 main segments (58.20 - 58.59m and 59.60 - 60.20m) with very weakly brecciated/veined phyllic and argillic altered granodiorite between breccia zones. Breccia matrix is a mid to dark grey and soft. Disseminated pyrite throghout matrix. Quartz grains and angular to rounded granodiorite clasts throuhgout. Pyrite blebs seen throughout clasts.							
						MD	GY	BX	ARG	4I	Py	3
						LT	GN		PHC	2I		
60.20	62.00	1.80	GRD	MG	Intensly argillic granodiorite with weak phyllic alteration. Dark grey smokey quartz stringers throughout. Weak chlorite alteration surrounding veinletts. Trace blebby pyrite in and surrounding veinletts.							
						LT	WH	MA	ARG	5I	Py	0.1
						LT	GN		PHC	2I		
									CHL	1I		
62.00	62.75	0.75	GRD	MG	Silicified propylitic granodiorite with blebby hemetite throughout. Trace pyrite in veinletts.							
						MD	GN	MA	PRO	3I	He	2
						MD	GY		SIL	3I	Py	1
62.75	63.55	0.80	GRD	MG	Extremely argillic altered granodiorite. Clay clasts brilliant white and opaque - very easy to scratch. Weak potassic overprint. Small quartz stringers throughout. Weakly silicified.							
						LT	WH	MA	ARG	5I		
						LT	GY		POT	1I		
									SIL	2I		
63.55	66.14	2.59	GRD	MG	Propylitic and potassic altered granodiorite. Argillic alteration prior to silicification (?) - white clay clasts still present and soft but much smaller than previous interval. Trace blebby pyrite in quartz veins/veinletts.							
						MD	GY	MA	PRO	3I	Py	1
						MD	RD		POT	3I		
						MD	GN		ARG	2I		
						MD	BN		SIL	5I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
66.14	81.68	15.54	GRD	MG	Propylitic, potassic silicified granodiorite with local patchy argillic alteration. Trace pyrite seen in veinletts and disseminated locally in selvedges. Local oxidation on fracture surfaces.							
						MD	GY	MA	OXI	1I	Py	1
						MD	GN		PRO	3I		
						MD	BN		ARG	2I		
									POT	3I		
									SIL	3I		
81.68	82.48	0.80	GRD	MG	Phyllic and argillic altered granodiorite -- alteration halo surrounding mineralized quartz-carb veins. Locally silicified.							
						MD	GY		ARG	3I	Sp	0.1
						LT	GN	MA	PHC	4I	Py	1
									SIL	2I		
82.48	84.83	2.35	GRD	MG	Propylitic, potassic silicified granodiorite with local patchy argillic alteration. Trace pyrite seen in veinletts and disseminated locally in selvedges. Local oxidation on fracture surfaces.							
						MD	GY	MA	PRO	3I	Py	1
						MD	GN		ARG	2I		
									POT	3I		
									SIL	3I		
84.83	89.70	4.87	GRD	MG	Patchy argillic, phyllic, propylitic and potassic altered granodiorite. Phyllic alteration surrounding mineraliazed quartz-carbonate veinletts hosting blebby arsenopyrite, sphalerite, pyrite and galena. Oxidation seen on select fracture surfaces. Trace chlorite alteration surrounding select veins/veinletts.							
						MD	GY		ARG	3I	Sp	1
						LT	GN	MA	PHC	3I	Py	2
									CHL	1I	As	0.1
									PRO	2I	Gn	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
89.70	97.28	7.58	GRD	MG	Phyllic altered granodiorite with patchy argillic and clay altered zones. Clay is typically stringers throughout the core. Local chlorite alteration surrounding veinletts - which host disseminated to blebby pyrite.							
						LT	GN	MA	PHC	4I	Py	1
						LT	GY		ARG	3I		
									CLY	2I		
									CHL	1I		
97.28	97.81	0.53	GRD	MG	Banded, heavily sheared and clay altered phyllic altered granodiorite. Quartz grains throughout gouge. Pyrite seen as disseminated to massive bands - often undulatory and sheared.							
						MD	GY	SH	PHC	4I		
						LT	GY	BN	CLY	5I	Py	30
97.81	99.85	2.04	GRD	MG	Phyllic altered granodiorite with pervasive banded quartz-carbonate-pyrite veins and veinletts. Gouge seams throughout. Locally oxidized.							
						MD	GY		CLY	2I		
						LT	GN	MA	PHC	5I	Py	4
99.85	104.68	4.83	GRD	MG	Patchy phyllic, propylitic and weak argillic altered granodiorite. Local silicified patches. Trace blebby pyrite in ankerite veineltts and weakly surrounding veinletts.							
						MD	GY		PRO	3I		
						LT	GN	MA	PHC	3I	Py	0.5
									ARG	1I		
									SIL	3I		
104.68	107.45	2.77	GRD	MG	Propylitic, potassic silicified granodiorite with local patchy argillic alteration. Trace pyrite seen in veinletts and disseminated locally in selvedges. Local oxidation on fracture surfaces.							
						MD	GY	MA	PRO	3I	Py	1
						MD	GN		ARG	2I		
									POT	3I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
107.45	108.58	1.13	GRD	MG	Argillic altered granodiorite with local propylitic overprint. Weak phyllic alteration surrounding veinletts/veins.							
						MD	GY	MA	ARG	4I	Py	1
						MD	GN		PRO	2I		
									PHC	1I		
108.58	114.35	5.77	GRD	MG	Propylitic, potassic silicified granodiorite with local patchy argillic alteration. Trace pyrite seen in veinletts and disseminated locally in selvedges. Local oxidation on fracture surfaces.							
						MD	GY	MA	PRO	3I		
						MD	GN		POT	3I		
									ARG	2I		
									SIL	3I		
114.35	123.28	8.93	GRD	MG	Argillic and phyllic altered granodiorite with patchy propylitic and potassic zones. Quartz and quartz-carbonate veins and veinletts throughout hosting blebby pyrite.							
						MD	GY		PHC	3I		
						LT	GN	MA	ARG	3I	Py	1
									PRO	2I		
									POT	1I		
123.28	124.78	1.50	QFP	FG	Quartz-feldspar-porphyry dyke - light mid grey with very few phenocrysts. Local clay stringers throughout and weakly sheared in places. Unmineralized carbonate/ankerite veins and veinletts throughout.							
						MD	GY	PO	CLY	1I		
						MD	GN					
124.78	125.05	0.27	QFP	FG	Sheared and heavily clay altered quartz feldspar porphyry gouge - quartz grains seen throughout. Contact into lower breccia.							
						MD	GY					
						LT	GY	SH	CLY	5I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
125.05	125.72	0.67	BXA	CG	Breccia zone - clasts are angular quartz-feldspar porphyry dyke and local granodiorite clasts. Matrix is dark grey smokey quartz. Local grains/blebs/clasts of ankerite. Blebby pyrite seen throughout matrix.							
						MD	GY	BX	SIL	4I	Py	1
						MD	GN					
125.72	127.19	1.47	QFP	FG	Quartz-feldspar-porphyry dyke - light mid grey with very few phenocrysts. Local clay stringers throughout and weakly sheared in places. Unmineralized carbonate/ankerite veins and veinletts throughout.							
						MD	GN	PO	CLY	1I		
						MD	GY					
127.19	129.97	2.78	GRD	MG	Moderate to strongly phyllic altered granodiorite hosting weak to moderate disseminated pyrite and pyrite stringers. Light grey quartz vein hosting 30% pyrite. Also approximately 4 centimetre smoky quartz-carbonate vein hosting disseminated blebby pyrite and black jack sphalerite. Sphalerite hosting in ankerite vein while pyrite found in smoky quartz and light grey quartz.							
						LT	GN		SIL	3I	Py	5
									PHC	4I	Sp	1
129.97	138.00	8.03	GRD	MG	Patchy moderate phyllic, trace to weak propylitic and argillic altered granodiorite. Phyllic altered granodiorite hosts small veinlets (up to 15 centimetre intervals) of blebby hematite. Approximately 15 centimetre zone of strongly silicified phyllic altered granodiorite with obliterated textures. Weak calcite veining pervasive at 3 per metre.							
						LT	GN		PHC	3I		
						LT	GY		PRO	2I		
						DK	GY		ARG	2I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
138.00	176.54	38.54	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre.							
						DK	GY		PRO	3I		
						DK	GN		POT	2I		
									SIL	3I		
176.54	177.29	0.75	GRD	MG	Moderately argillic and trace potassic altered granodiorite hosting approximately 2 centimetre smoky quartz-carbonate vein with blebby pyrite in centre of interval. Hosts secondary biotite?							
						LT	GY		POT	2I		
						LT	PK		ARG	3I		
177.29	183.97	6.68	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre.							
						DK	GY		PRO	3I		
						DK	GN		POT	2I		
									SIL	3I		
183.97	193.03	9.06	GRD	MG	Dominantly moderate phyllic and argillic altered granodiorite hosting variable disseminated pyrite. Patchy propylitic altered granodiorite (minor). Light to medium grey quartz veins are found pervasively throughout and host weak to strong blebby pyrite. Veins are irregularly banded and undulating. Minor moderately gouge altered intervals. Minor breccia zones with dark grey fine grained matrix hosting broken up ankerite veins (up to 2 centimetres).							
						LT	GN		PHC	3I		
						DK	GN		ARG	3I		
									PRO	2I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
193.03	204.85	11.82	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre. Hosts approximately 30 centimetre phyllic and argillic altered interval with light grey quartz-carbonate hosting weak blebby pyrite. Trace disseminated pyrite withing phyllic altered granodiorite. Pyrite stringers are found along some fractures. Tourmaline found within aplite dykes (blebby).							
						DK	GN		PRO	3I		
						DK	GY		POT	2I		
									SIL	3I		
204.85	205.97	1.12	GRD	MG	Moderate to strong phyllic and argillic altered granodiorite with irregular smoky quartz-ankerite veins. Minor dark grey sulphide smears in weak to moderate gouge altered zone (4 centimetres wide). Approximately 4 centimetre strongly silicified medium grey band hosting fine grained phyllic altered granodiorite and quartz clasts. Weak disseminated and blebby hematite found locally.							
						LT	GN		PHC	3I	Py	0.1
						LT	GY		PRO	2I		
									ARG	3I		
205.97	215.62	9.65	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre. Local dark pink aplite dykes found locally with offsets of these dykes at 3 centimetres at 10 degrees.							
						DK	GY		PRO	3I		
						DK	GN		POT	2I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
215.62	222.36	6.74	GRD	MG	Dominantly moderate to strong phyllic altered granodiorite with patchy propylitic altered granodiorite. Minor smoky quartz veins hosting banded pyrite and ankerite veins (up to 1.5 centimetres) with chlorite selvages (less than 1 millimetre). Pyrite variably disseminated withing phyllic altered granodiorite.							
						LT	GN		PHC	4I		
									PRO	2I		
									SIL	3I		
222.36	223.45	1.09	GRD	MG	Moderately propylitic and phyllic altered granodiorite hosting moderate disseminated pyrite and banded pyrite. Calcite veins/veinlets abundant near lower contact (65 degrees to core axis). 5 centimetre of moderate gouge altered granodiorite hosting up to 15 percent pyrite in centre of interval.							
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		
223.45	225.81	2.36	VOL	MG	Fine grained dark grey to dark green volcanic (andesite?) dyke hosting variably banded and disseminated pyrite. Pervasive calcite veins/veinlets at 10 per metre. Approximately 5 percent of rock hosts dark red/pale red phenocrysts (hematite?) Lower contact is at 50 degrees to core axis.							
						DK	GY					
						DK	GN					
225.81	240.70	14.89	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre.							
						DK	GY		PRO	3I		
						DK	GN		SIL	3I		
240.70	242.93	2.23	GRD	MG	Moderate to strongly phyllic altered granodiorite hosting moderate smoky quartz-carbonate veins with disseminated pyrite. Weak pyrite disseminated within phyllic altered granodiorite.							
						LT	GN		PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									SIL	3I		
242.93	244.60	1.67	QFP	MG	Light to medium green quartz-feldspar porphyry dyke hosting medium green clasts (sub angular) with minor chlorite altered clasts. Pervasive tan sericite clasts. Pervasive calcite veinlets at 5 per metre.							
						MD	GN					
						LT	GN	PO				
244.60	246.36	1.76	GRD	MG	Moderate to strong phyllic altered granodiorite hosting medium grey quartz-carbonate veins with blebby pyrite. Hosts variable disseminated pyrite withing phyllic altered granodiorite.							
						LT	GN		PHC	4I		
						LT	GY		SIL	4I		
246.36	249.57	3.21	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre.							
						DK	GY		PRO	3I		
						DK	GN		POT	2I		
									SIL	3I		
249.57	252.88	3.31	GRD	MG	Moderate to strong phyllic and argillic altered granodiorite hosting variably disseminated pyrite. Pyrite is more abundant closer to the dyke contact. Pyrite stringers highly abundant near lower contact (70 degrees to core axis).							
						LT	GY		ARG	3I		
						LT	GN		PHC	4I		
									SIL	4I		
252.88	256.60	3.72	QFP	MG	Light green quartz-feldspar porphyry dyke hosting up to 1 centimetre light green clasts and quartz-eyes. Dark grey smoky quartz veins hosting blebby pyrite found locally. Patchy fine grained medium brown quartz-feldspar porphyry dyke. Last part of interval hosts weakly gouge and netted altered quartz-feldspar porphyry dyke.							
						MD	GN	PO	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	BN	NE				
256.60	266.78	10.18	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre. Hosts blebby pyrite and minor chalcopyrite locally.							
						DK	GY		PRO	3I		
						DK	GN		POT	2I		
									SIL	3I		
266.78	271.54	4.76	GRD	MG	Moderate phyllic and argillic altered granodiorite. Smokey quartz-carbonate veins hosting variable pyrite. Irregular banded with coliform textures. Pyrite found locally disseminated within phyllic altered granodiorite.							
						LT	GN		PHC	3I		
									ARG	3I		
271.54	279.50	7.96	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre. Hosts blebby pyrite and minor chalcopyrite locally. More fractured in argillic altered areas at lower angles over approximately 1.5 metre interval withing centre. Lower angle fractures healed with calcite.							
						DK	GN		SIL	3I		
						DK	GY		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.11	8.08	3.97	GRD	MG	Rubbly, weakly phyllic altered granodiorite. Oxidized clay alteration seen on rubble surfaces. Weak limonite and goethite weakly on fractures.							
						LT	BN		CLY	2I	Go	1
						MD	BN	MA	PHC	3I	Li	1
8.08	24.92	16.84	GRD	MG	Moderately phyllic altered granodiorite with local argillic patches. Oxidation pervasive and locally altering whole core. Disseminated to blebby pyrite seen locally. Limonite seen on select fractures. Clay stringers seen locally.							
						LT	GN	MA	PHC	4I	Py	1
						LT	TN		ARG	2I	Li	1
									CLY	1I		
24.92	27.38	2.46	GRD	MG	Patchy weak argillic, potassic, propylitic and unaltered granodiorite. Weak clay seen on fracture surfaces. Weak oxidation on fracture surfaces only.							
						LT	GY	MA	ARG	2I		
						MD	GY		PRO	1I		
									POT	1I		
									CLY	2I		
27.38	33.30	5.92	GRD	MG	Unaltered granodiorite with weak oxidation on select fracture surfaces. Small oxidized gouge seams and stringers throughout.							
						MD	GY	MA	CLY	2I		
33.30	42.95	9.65	GRD	MG	Moderately phyllic altered granodiorite with patchy argillic alteration. Oxidation pervasive and altering whole core for most of interval. Disseminated to blebby pyrite. Clay alteration pervasive and on majority of fracture surfaces. Undulatory calcite stringers throughout.							
						LT	GN	MA	PHC	4I	Py	1
						LT	TN		ARG	3I		
									CLY	3I		
42.95	51.83	8.88	GRD	MG	Unaltered granodiorite with weak oxidation on select fracture surfaces. Small oxidized gouge seams and stringers throughout.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	MA	CLY	2I		
									PRO	1I		
51.83	52.28	0.45	GRD	MG	Strongly phyllic granodiorite. Weak oxidation on fracture surfaces.							
						LT	GN	MA	PHC	5I		
									ARG	1I		
52.28	52.78	0.50	GRD	MG	Heavily clay altered and gougey phyllic granodiorite contact into dyke. Gouge seams and veins locally brecciating granodiorite. Disseminated to blebby pyrite. Barren calcite veins and veinletts locally.							
						LT	TN	MA	PHC	4I	Py	5
						LT	GY		CLY	5I		
52.78	55.88	3.10	QFP	FG	Mid brown to light grey quartz feldspar porphyry dyke. Clay seen on select fracture surfaces and as stringers throughout. Clay concentrated around contacts.							
						MD	BN	PO	CLY	3I		
						LT	GY					
55.88	56.93	1.05	GRD	MG	Moderately phyllic and argillic granodiorite with very pervasive oxidation and oxidized gouge zones. Locally quartz rubble in oxidized gouge. Disseminated pyrite throughout.							
						LT	GY		PHC	3I		
									ARG	3I		
						MD	TN	MA	CLY	4I	Py	2
56.93	58.20	1.27	GRD	MG	Patchy phyllic, argillic and propylitic granodiorite with pervasive oxidation throughout. Weak clay seen on fracture surfaces.							
						LT	GY		ARG	3I		
						LT	TN	MA	PHC	3I		
									CLY	2I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
58.20	60.20	2.00	BXA	CG	Breccia zone - 2 main segments (58.20 - 58.59m and 59.60 - 60.20m) with very weakly brecciated/veined phyllic and argillic altered granodiorite between breccia zones. Breccia matrix is a mid to dark grey and soft. Disseminated pyrite throghout matrix. Quartz grains and angular to rounded granodiorite clasts throuhgout. Pyrite blebs seen throughout clasts.							
						MD	GY	BX	ARG	4I	Py	3
						LT	GN		PHC	2I		
60.20	62.00	1.80	GRD	MG	Intensly argillic granodiorite with weak phyllic alteration. Dark grey smokey quartz stringers throughout. Weak chlorite alteration surrounding veinletts. Trace blebby pyrite in and surrounding veinletts.							
						LT	WH	MA	ARG	5I	Py	0.1
						LT	GN		PHC	2I		
									CHL	1I		
62.00	62.75	0.75	GRD	MG	Silicified propylitic granodiorite with blebby hemetite throughout. Trace pyrite in veinletts.							
						MD	GY		SIL	3I	Py	1
						MD	GN	MA	PRO	3I	He	2
62.75	63.55	0.80	GRD	MG	Extremely argillic altered granodiorite. Clay clasts brilliant white and opaque - very easy to scratch. Weak potassic overprint. Small quartz stringers throughout. Weakly silicified.							
						LT	WH	MA	ARG	5I		
						LT	GY		POT	1I		
									SIL	2I		
63.55	66.14	2.59	GRD	MG	Propylitic and potassic altered granodiorite. Argillic alteration prior to silicification (?) - white clay clasts still present and soft but much smaller than previous interval. Trace blebby pyrite in quartz veins/veinletts.							
						MD	BN		SIL	5I		
						MD	GN		ARG	2I		
						MD	GY	MA	PRO	3I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	RD		POT	3I		
66.14	81.68	15.54	GRD	MG	Propylitic, potassic silicified granodiorite with local patchy argillic alteration. Trace pyrite seen in veinletts and disseminated locally in selvedges. Local oxidation on fracture surfaces.							
									SIL	3I		
									POT	3I		
						MD	BN		ARG	2I		
						MD	GN		PRO	3I		
						MD	GY	MA	OXI	1I	Py	1
81.68	82.48	0.80	GRD	MG	Phyllic and argillic altered granodiorite -- alteration halo surrounding mineralized quartz-carb veins. Locally silicified.							
									SIL	2I		
						MD	GY		ARG	3I	Sp	0.1
						LT	GN	MA	PHC	4I	Py	1
82.48	84.83	2.35	GRD	MG	Propylitic, potassic silicified granodiorite with local patchy argillic alteration. Trace pyrite seen in veinletts and disseminated locally in selvedges. Local oxidation on fracture surfaces.							
						MD	GY	MA	PRO	3I	Py	1
									SIL	3I		
									POT	3I		
						MD	GN		ARG	2I		
84.83	89.70	4.87	GRD	MG	Patchy argillic, phyllic, propylitic and potassic altered granodiorite. Phyllic alteration surrounding mineraliazed quartz-carbonate veinletts hosting blebby arsenopyrite, sphalerite, pyrite and galena. Oxidation seen on select fracture surfaces. Trace chlorite alteration surrounding select veins/veinletts.							
									PRO	2I	Gn	0.01
									CHL	1I	As	0.1
						MD	GY		ARG	3I	Sp	1
						LT	GN	MA	PHC	3I	Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
89.70	97.28	7.58	GRD	MG	Phyllic altered granodiorite with patchy argillic and clay altered zones. Clay is typically stringers throughout the core. Local chlorite alteration surrounding veinletts - which host disseminated to blebby pyrite.							
									CLY	2I		
						LT	GN	MA	PHC	4I	Py	1
						LT	GY		ARG	3I		
									CHL	1I		
97.28	97.81	0.53	GRD	MG	Banded, heavily sheared and clay altered phyllic altered granodiorite. Quartz grains throughout gouge. Pyrite seen as disseminated to massive bands - often undulatory and sheared.							
						LT	GY	BN	CLY	5I	Py	30
						MD	GY	SH	PHC	4I		
97.81	99.85	2.04	GRD	MG	Phyllic altered granodiorite with pervasive banded quartz-carbonate-pyrite veins and veinletts. Gouge seams throughout. Locally oxidized.							
						MD	GY		CLY	2I		
						LT	GN	MA	PHC	5I	Py	4
99.85	104.68	4.83	GRD	MG	Patchy phyllic, propylitic and weak argillic altered granodiorite. Local silicified patches. Trace blebby pyrite in ankerite veineltts and weakly surrounding veinletts.							
						LT	GN	MA	PHC	3I	Py	0.5
						MD	GY		PRO	3I		
									ARG	1I		
									SIL	3I		
104.68	114.35	9.67	GRD	MG	Propylitic, potassic silicified granodiorite with local patchy argillic alteration. Trace pyrite seen in veinletts and disseminated locally in selvedges. Local oxidation on fracture surfaces.							
									POT	3I		
						MD	GN		ARG	2I		
						MD	GY	MA	PRO	3I	Py	1
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
114.35	123.28	8.93	GRD	MG	Argillic and phyllic altered granodiorite with patchy propylitic and potassic zones. Quartz and quartz-carbonate veins and veinletts throughout hosting blebby pyrite.							
									POT	1I		
									PRO	2I		
						MD	GY		PHC	3I		
						LT	GN	MA	ARG	3I	Py	1
123.28	124.78	1.50	QFP	FG	Quartz-feldspar-porphyry dyke - light mid grey with very few phenocrysts. Local clay stringers throughout and weakly sheared in places. Unmineralized carbonate/ankerite veins and veinletts throughout.							
						MD	GY	PO	CLY	1I		
						MD	GN					
124.78	125.05	0.27	QFP	FG	Sheared and heavily clay altered quartz feldspar porphyry gouge - quartz grains seen throughout. Contact into lower breccia.							
						LT	GY	SH	CLY	5I		
						MD	GY					
125.05	125.72	0.67	BXA	CG	Breccia zone - clasts are angular quartz-feldspar porphyry dyke and local granodiorite clasts. Matrix is dark grey smokey quartz. Local grains/blebs/clasts of ankerite. Blebby pyrite seen throughout matrix.							
						MD	GN					
						MD	GY	BX	SIL	4I	Py	1
125.72	127.19	1.47	QFP	FG	Quartz-feldspar-porphyry dyke - light mid grey with very few phenocrysts. Local clay stringers throughout and weakly sheared in places. Unmineralized carbonate/ankerite veins and veinletts throughout.							
						MD	GN	PO	CLY	1I		
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
127.19	129.97	2.78	GRD	MG	Moderate to strongly phyllic altered granodiorite hosting weak to moderate disseminated pyrite and pyrite stringers. Light grey quartz vein hosting 30% pyrite. Also approximately 4 centimetre smoky quartz-carbonate vein hosting disseminated blebby pyrite and black jack sphalerite. Sphalerite hosting in ankerite vein while pyrite found in smoky quartz and light grey quartz.							
						LT	GN		SIL	3I	Py	5
									PHC	4I	Sp	1
129.97	138.00	8.03	GRD	MG	Patchy moderate phyllic, trace to weak propylitic and argillic altered granodiorite. Phyllic altered granodiorite hosts small veinlets (up to 15 centimetre intervals) of blebby hematite. Approximately 15 centimetre zone of strongly silicified phyllic altered granodiorite with obliterated textures. Weak calcite veining pervasive at 3 per metre.							
						LT	GN		PHC	3I		
						LT	GY		PRO	2I		
						DK	GY		ARG	2I		
									POT	2I		
138.00	176.54	38.54	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre.							
									SIL	3I		
						DK	GN		POT	2I		
						DK	GY		PRO	3I		
176.54	177.29	0.75	GRD	MG	Moderately argillic and trace potassic altered granodiorite hosting approximately 2 centimetre smoky quartz-carbonate vein with blebby pyrite in centre of interval. Hosts secondary biotite?							
						LT	PK		ARG	3I		
						LT	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
177.29	183.97	6.68	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre.							
									SIL	3I		
						DK	GN		POT	2I		
						DK	GY		PRO	3I		
183.97	193.03	9.06	GRD	MG	Dominantly moderate phyllic and argillic altered granodiorite hosting variable disseminated pyrite. Patchy propylitic altered granodiorite (minor). Light to medium grey quartz veins are found pervasively throughout and host weak to strong blebby pyrite. Veins are irregularly banded and undulating. Minor moderately gouge altered intervals. Minor breccia zones with dark grey fine grained matrix hosting broken up ankerite veins (up to 2 centimetres).							
									SIL	3I		
									PRO	2I		
						DK	GN		ARG	3I		
						LT	GN		PHC	3I		
193.03	204.85	11.82	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre. Hosts approximately 30 centimetre phyllic and argillic altered interval with light grey quartz-carbonate hosting weak blebby pyrite. Trace disseminated pyrite withing phyllic altered granodiorite. Pyrite stringers are found along some fractures. Tourmaline found within aplite dykes (blebby).							
						DK	GY		POT	2I		
						DK	GN		PRO	3I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
204.85	205.97	1.12	GRD	MG	Moderate to strong phyllic and argillic altered granodiorite with irregular smoky quartz-ankerite veins. Minor dark grey sulphide smears in weak to moderate gouge altered zone (4 centimetres wide). Approximately 4 centimetre strongly silicified medium grey band hosting fine grained phyllic altered granodiorite and quartz clasts. Weak disseminated and blebby hematite found locally.							
						LT	GN		PHC	3I	Py	0.1
									ARG	3I		
						LT	GY		PRO	2I		
205.97	215.62	9.65	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre. Local dark pink aplite dykes found locally with offsets of these dykes at 3 centimetres at 10 degrees.							
						DK	GY		PRO	3I		
						DK	GN		POT	2I		
									SIL	3I		
215.62	222.36	6.74	GRD	MG	Dominantly moderate to strong phyllic altered granodiorite with patchy propylitic altered granodiorite. Minor smoky quartz veins hosting banded pyrite and ankerite veins (up to 1.5 centimetres) with chlorite selvages (less than 1 millimetre). Pyrite variably disseminated withing phyllic altered granodiorite.							
									SIL	3I		
						LT	GN		PHC	4I		
									PRO	2I		
222.36	223.45	1.09	GRD	MG	Moderately propylitic and phyllic altered granodiorite hosting moderate disseminated pyrite and banded pyrite. Calcite veins/veinlets abundant near lower contact (65 degrees to core axis). 5 centimetre of moderate gouge altered granodiorite hosting up to 15 percent pyrite in centre of interval.							
						LT	GN		PHC	3I		
						DK	GN		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
223.45	225.81	2.36	VOL	MG	Fine grained dark grey to dark green volcanic (andesite?) dyke hosting variably banded and disseminated pyrite. Pervasive calcite veins/veinlets at 10 per metre. Approximately 5 percent of rock hosts dark red/pale red phenocrysts (hematite?) Lower contact is at 50 degrees to core axis.							
						DK	GN					
						DK	GY					
225.81	240.70	14.89	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre.							
						DK	GY		PRO	3I		
						DK	GN		SIL	3I		
240.70	242.93	2.23	GRD	MG	Moderate to strongly phyllic altered granodiorite hosting moderate smoky quartz-carbonate veins with disseminated pyrite. Weak pyrite disseminated within phyllic altered granodiorite.							
						LT	GN		PHC	4I		
									SIL	3I		
242.93	244.60	1.67	QFP	MG	Light to medium green quartz-feldspar porphyry dyke hosting medium green clasts (sub angular) with minor chlorite altered clasts. Pervasive tan sericite clasts. Pervasive calcite veinlets at 5 per metre.							
						MD	GN					
						LT	GN	PO				
244.60	246.36	1.76	GRD	MG	Moderate to strong phyllic altered granodiorite hosting medium grey quartz-carbonate veins with blebby pyrite. Hosts variable disseminated pyrite withing phyllic altered granodiorite.							
						LT	GY		SIL	4I		
						LT	GN		PHC	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
246.36	249.57	3.21	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre.							
						DK	GY		PRO	3I		
						DK	GN		SIL	3I		
249.57	252.88	3.31	GRD	MG	Moderate to strong phyllic and argillic altered granodiorite hosting variably disseminated pyrite. Pyrite is more abundant closer to the dyke contact. Pyrite stringers highly abundant near lower contact (70 degrees to core axis).							
						LT	GY		ARG	3I		
						LT	GN		PHC	4I		
									SIL	4I		
252.88	256.60	3.72	QFP	MG	Light green quartz-feldspar porphyry dyke hosting up to 1 centimetre light green clasts and quartz-eyes. Dark grey smoky quartz veins hosting blebby pyrite found locally. Patchy fine grained medium brown quartz-feldspar porphyry dyke. Last part of interval hosts weakly gouge and netted altered quartz-feldspar porphyry dyke.							
						MD	GN	PO	SIL	3I		
						MD	BN	NE				
256.60	266.78	10.18	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre. Hosts blebby pyrite and minor chalcopyrite locally.							
						DK	GN		SIL	3I		
						DK	GY		PRO	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
266.78	271.54	4.76	GRD	MG	Moderate phyllic and argillic altered granodiorite. Smokey quartz-carbonate veins hosting variable pyrite. Irregular banded with coliform textures. Pyrite found locally disseminated within phyllic altered granodiorite.							
									ARG	3I		
						LT	GN		PHC	3I		
271.54	279.50	7.96	GRD	MG	Dominantly trace to weak propylitic altered granodiorite with patchy argillic altered granodiorite. Patchy zones of more potassic altered propylitic granodiorite. Minor light grey quartz veins hosting pyrite and chlorite blebs. Minor aplite dykes (dark pink). Pervasive chlorite-epidote veinlets at up to 5 per metre, while epidote is also patchy throughout the propylitic altered granodiorite. Pervasive calcite veinlets at 3 per metre. Hosts blebby pyrite and minor chalcopyrite locally. More fractured in argillic altered areas at lower angles over approximately 1.5 metre interval withing centre. Lower angle fractures healed with calcite.							
						DK	GN		SIL	3I		
						DK	GY		PRO	3I		

KL-14-234

Klaza
Pearl Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.11	4.11	0	0	0.00	0	--	--	--	Casing
4.11	5.18	1.07	1.07	100	0.13	12	--	3H	4W	disregard joints
5.18	8.23	3.05	2.14	70	0.67	22	--	3H	4W	
8.23	11.28	3.05	2.69	88	1.39	46	--	3H	3W	
11.28	14.33	3.05	3.05	100	1.54	50	--	3H	3W	
14.33	17.37	3.04	3.04	100	1.93	63	--	3H	3W	
17.37	20.42	3.05	2.99	98	2.66	87	--	3H	2W	
20.42	23.47	3.05	3.05	100	1.82	60	--	4H	2W	
23.47	26.52	3.05	2.88	94	1.56	51	--	4H	2W	
26.52	29.57	3.05	2.89	95	1.82	60	--	4H	2W	
29.57	32.61	3.04	3.04	100	1.73	57	--	3H	3W	
32.61	35.66	3.05	3.05	100	1.84	60	--	3H	3W	
35.66	38.71	3.05	3.05	100	0.90	30	--	3H	2W	
38.71	41.76	3.05	2.81	92	2.05	67	--	2H	2W	
41.76	44.81	3.05	2.89	95	0.63	21	--	3H	2W	
44.81	47.85	3.04	2.94	97	0.90	30	--	4H	2W	
47.85	50.90	3.05	2.87	94	0.49	16	--	4H	2W	
50.90	53.95	3.05	2.78	91	1.40	46	--	4H	2W	
53.95	57.00	3.05	2.95	97	0.33	11	--	3H	2W	
57.00	60.05	3.05	2.78	91	1.00	33	--	3H	2W	
60.05	63.09	3.04	3.04	100	2.23	73	--	4H	2W	
63.09	66.14	3.05	2.94	96	2.25	74	--	4H	2W	
66.14	69.19	3.05	3.04	100	2.34	77	--	3H	1W	
69.19	72.24	3.05	2.96	97	1.85	61	--	3H	3W	
72.24	75.29	3.05	3.05	100	1.54	50	--	3H	2W	
75.29	78.33	3.04	3.04	100	2.09	69	--	3H	1W	
78.33	81.38	3.05	3.05	100	1.83	60	--	4H	2W	
81.38	84.43	3.05	3.05	100	2.13	70	--	3H	1W	
84.43	87.48	3.05	3.05	100	2.11	69	--	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.92	96	1.57	51	--	3H	2W	
90.53	93.57	3.04	2.94	97	1.39	46	--	2H	2W	
93.57	96.62	3.05	2.93	96	1.15	38	--	3H	2W	
96.62	99.67	3.05	2.86	94	0.95	31	--	2H	2W	
99.67	102.72	3.05	3.01	99	1.89	62	--	3H	2W	
102.72	105.77	3.05	3.05	100	1.62	53	--	3H	1W	
105.77	108.81	3.04	3.04	100	2.17	71	--	3H	1W	
108.81	111.86	3.05	2.82	92	1.35	44	--	3H	1W	
111.86	114.91	3.05	3.05	100	2.04	67	--	3H	1W	
114.91	117.96	3.05	3.05	100	1.94	64	--	3H	1W	
117.96	121.01	3.05	3.05	100	1.39	46	--	3H	1W	
121.01	124.05	3.04	3.04	100	1.34	44	--	3H	1W	
124.05	127.10	3.05	3.05	100	1.15	38	--	2H	1W	
127.10	130.15	3.05	3	98	0.65	21	--	3H	1W	
130.15	133.20	3.05	3.05	100	2.40	79	--	3H	1W	
133.20	136.25	3.05	3.01	99	1.90	62	--	3H	1W	
136.25	139.29	3.04	3.04	100	2.78	91	--	4H	1W	
139.29	142.34	3.05	3.05	100	2.43	80	--	4H	1W	
142.34	145.39	3.05	2.98	98	1.91	63	--	3H	1W	
145.39	148.44	3.05	3.05	100	2.70	89	--	4H	1W	
148.44	151.49	3.05	3.01	99	2.01	66	--	3H	1W	
151.49	154.53	3.04	2.98	98	2.50	82	--	4H	1W	
154.53	157.58	3.05	3.05	100	2.38	78	--	4H	1W	
157.58	160.63	3.05	3.05	100	2.28	75	--	4H	1W	
160.63	163.68	3.05	3.05	100	2.23	73	--	4H	1W	
163.68	166.73	3.05	3.05	100	2.59	85	--	4H	1W	
166.73	169.77	3.04	3.04	100	2.10	69	--	3H	1W	
169.77	172.82	3.05	3	98	2.14	70	--	4H	1W	
172.82	175.87	3.05	3.02	99	1.33	44	--	4H	1W	
175.87	178.92	3.05	3.05	100	1.62	53	--	3H	1W	
178.92	181.97	3.05	2.98	98	2.47	81	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	2.41	79	--	3H	1W	
185.01	188.06	3.05	3.05	100	2.18	71	--	4H	1W	
188.06	191.11	3.05	3	98	1.88	62	--	3H	1W	
191.11	194.16	3.05	3.02	99	2.05	67	--	4H	1W	
194.16	197.21	3.05	3.05	100	2.58	85	--	3H	1W	
197.21	200.25	3.04	3.04	100	2.10	69	--	4H	1W	
200.25	203.30	3.05	3.04	100	1.86	61	--	4H	1W	
203.30	206.35	3.05	3.03	99	2.40	79	--	3H	1W	
206.35	209.40	3.05	3.05	100	1.57	51	--	4H	1W	
209.40	212.45	3.05	2.98	98	1.38	45	--	4H	1W	
212.45	215.49	3.04	3	99	1.51	50	--	4H	1W	
215.49	218.54	3.05	3	98	1.84	60	--	3H	1W	
218.54	221.59	3.05	3.03	99	1.78	58	--	4H	1W	
221.59	224.64	3.05	2.87	94	1.05	34	--	3H	1W	
224.64	227.69	3.05	2.89	95	1.87	61	--	4H	1W	
227.69	230.73	3.04	3.04	100	1.46	48	--	4H	1W	
230.73	233.78	3.05	3	98	2.54	83	--	4H	1W	
233.78	236.83	3.05	3.05	100	2.47	81	--	4H	1W	
236.83	239.88	3.05	3.01	99	2.43	80	--	3H	1W	
239.88	242.93	3.05	2.9	95	1.41	46	--	3H	1W	
242.93	245.97	3.04	3.04	100	1.83	60	--	4H	1W	
245.97	249.02	3.05	3.05	100	2.56	84	--	4H	1W	
249.02	252.07	3.05	3.04	100	2.74	90	--	3H	1W	
252.07	255.12	3.05	2.96	97	1.35	44	--	3H	1W	
255.12	258.17	3.05	3.02	99	1.88	62	--	3H	1W	
258.17	261.21	3.04	3.04	100	1.70	56	--	4H	1W	
261.21	264.26	3.05	2.97	97	1.74	57	--	4H	1W	
264.26	267.31	3.05	2.98	98	2.07	68	--	4H	1W	
267.31	270.36	3.05	2.94	96	2.09	69	--	3H	1W	
270.36	273.41	3.05	3.05	100	1.97	65	--	3H	1W	
273.41	276.45	3.04	2.94	97	0.60	20	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.45	279.50	3.05	3.05	100	0.44	14	--	3H	1W	E.O.H

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	0.315	GRD	
6	0.165	GRD	
7	0.187	GRD	
8	0.436	GRD	
9	0.592	GRD	
10	0.335	GRD	
11	0.443	GRD	
12	0.312	GRD	
13	0.343	GRD	
14	0.44	GRD	
15	1.23	GRD	
16	3.64	GRD	
17	0.293	GRD	
18	0.239	GRD	
19	1.54	GRD	
20	8.1	GRD	
21	0.388	GRD	
22	0.327	GRD	
23	0.418	GRD	
24	0.261	GRD	
25	0.224	GRD	
26	3.95	GRD	
27	0.401	GRD	
28	20.4	GRD	
29	8.37	GRD	
30	23	GRD	
31	0.36	GRD	
32	17.4	GRD	
33	24.1	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	0.463	GRD	
35	0.369	GRD	
36	0.344	GRD	
37	7.55	GRD	
38	0.421	GRD	
39	0.526	GRD	
40	0.527	GRD	
41	0.558	GRD	
42	0.32	GRD	
43	1.31	GRD	
44	15.6	GRD	
45	29	GRD	
46	27.3	GRD	
47	0.491	GRD	
48	0.551	GRD	
49	0.468	GRD	
50	17.3	GRD	
51	31.1	GRD	
52	0.498	GRD	
53	0.286	QFP	
54	0.156	QFP	
55	0.137	QFP	
56	0.119	GRD	
57	0.317	GRD	
58	0.282	GRD	
59	0.266	BXA	
60	0.298	BXA	
61	0.204	GRD	
62	0.243	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
62	0.243	GRD	
63	0.746	GRD	
64	1.18	GRD	
65	0.305	GRD	
66	13.43	GRD	
67	0.366	GRD	
68	0.319	GRD	
69	0.431	GRD	
70	0.154	GRD	
71	0.496	GRD	
72	1.425	GRD	
73	0.798	GRD	
74	11.4	GRD	
75	9.482	GRD	
76	5.35	GRD	
77	14.93	GRD	
78	5.776	GRD	
79	9.653	GRD	
80	24.55	GRD	
81	29.85	GRD	
82	0.242	GRD	
83	3.604	GRD	
84	0.448	GRD	
85	6.566	GRD	
86	0.292	GRD	
87	0.566	GRD	
88	0.292	GRD	
89	11.09	GRD	
90	0.179	GRD	
91	0.557	GRD	
92	0.225	GRD	
93	0.215	GRD	
94	0.196	GRD	
95	0.299	GRD	
96	0.182	GRD	
97	0.265	GRD	
98	0.129	GRD	
99	0.227	GRD	
100	0.18	GRD	
101	0.357	GRD	
102	0.167	GRD	
103	0.357	GRD	
104	0.327	GRD	
105	10.14	GRD	
106	31.91	GRD	
107	0.433	GRD	
108	0.247	GRD	
109	41.05	GRD	
110	0.225	GRD	
111	19.52	GRD	
112	0.229	GRD	
113	0.264	GRD	
114	0.204	GRD	
115	0.078	GRD	
116	0.233	GRD	
117	0.69	GRD	
118	0.157	GRD	
119	0.233	GRD	
120	0.204	GRD	
121	0.142	GRD	
122	0.137	GRD	
123	0.175	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
124	0.636	QFP	
125	0.209	QFP	
126	0.181	QFP	
127	0.301	QFP	
128	0.281	GRD	
129	0.01	GRD	
130	0.223	GRD	
131	0.241	GRD	
132	0.221	GRD	
133	0.205	GRD	
134	0.223	GRD	
135	0.169	GRD	
136	13.77	GRD	
137	0.038	GRD	
138	0.226	GRD	
138	0.226	GRD	
139	27.52	GRD	
140	12.94	GRD	
141	2.005	GRD	
142	0.293	GRD	
143	21.82	GRD	
144	0.163	GRD	
145	6.633	GRD	
146	4.934	GRD	
147	0.693	GRD	
148	0.132	GRD	
149	0.128	GRD	
150	0.146	GRD	
151	0.155	GRD	
152	0.14	GRD	
153	0.203	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
154	0.147	GRD	
155	0.129	GRD	
156	0.23	GRD	
157	0.454	GRD	
158	21.8	GRD	
159	30.19	GRD	
160	17.63	GRD	
161	0.323	GRD	
162	4.898	GRD	
163	34.42	GRD	
164	38.78	GRD	
165	2.718	GRD	
166	8.134	GRD	
167	39.13	GRD	
168	12.1	GRD	
169	18.26	GRD	
170	6.683	GRD	
171	30.71	GRD	
172	30.17	GRD	
173	33.32	GRD	
174	42.06	GRD	
175	0.889	GRD	
176	53.08	GRD	
177	0.711	GRD	
178	0.142	GRD	
179	25.8	GRD	
180	32.44	GRD	
181	16.45	GRD	
182	46.13	GRD	
183	0.365	GRD	
184	0.178	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
185	0.183	GRD	
186	0.208	GRD	
187	0.247	GRD	
188	0.446	GRD	
189	0.138	GRD	
190	0.168	GRD	
191	0.252	GRD	
192	20.02	GRD	
193	22.2	GRD	
194	0.315	GRD	
195	3.65	GRD	
196	0.387	GRD	
197	11.5	GRD	
198	1.28	GRD	
199	4.95	GRD	
200	4.29	GRD	
201	49.1	GRD	
202	0.493	GRD	
203	0.432	GRD	
204	12.7	GRD	
205	0.566	GRD	
206	59.3	GRD	
207	60.2	GRD	
208	0.379	GRD	
209	0.264	GRD	
210	0.227	GRD	
211	0.569	GRD	
212	44	GRD	
213	51.9	GRD	
214	31.8	GRD	
215	11	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
216	1.05	GRD	
217	0.257	GRD	
218	34.5	GRD	
219	19.7	GRD	
220	1	GRD	
221	26.5	GRD	
222	47.1	GRD	
223	0.518	GRD	
224	12.1	VOL	
225	26.5	VOL	
226	18.7	GRD	
227	22.7	GRD	
228	23.9	GRD	
229	2.32	GRD	
230	46	GRD	
231	0.357	GRD	
232	42.9	GRD	
233	47.2	GRD	
234	66.4	GRD	
235	56.2	GRD	
236	56	GRD	
237	9.86	GRD	
238	15.88	GRD	
239	0.391	GRD	
240	37.08	GRD	
241	0.254	GRD	
242	0.37	GRD	
243	0.4	QFP	
244	0.369	QFP	
245	0.371	GRD	
246	0.117	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
247	61.73	GRD	
248	46.5	GRD	
249	10.8	GRD	
250	7.4	GRD	
251	0.312	GRD	
252	0.327	GRD	
253	0.359	QFP	
254	0.231	QFP	
255	0.05	QFP	
256	0.238	QFP	
257	3.389	GRD	
258	0.432	GRD	
259	54.55	GRD	
260	20.71	GRD	
261	2.84	GRD	
262	0.399	GRD	
263	1.423	GRD	
264	0.342	GRD	
265	0.57	GRD	
266	0.782	GRD	
267	0.23	GRD	
268	0.286	GRD	
269	0.511	GRD	
270	0.489	GRD	
271	0.641	GRD	
272	0.426	GRD	
273	26.63	GRD	
274	2.276	GRD	
275	18.08	GRD	
276	0.373	GRD	
277	0.424	GRD	
278	49.21	GRD	
279	36.64	GRD	E.O.H

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381661	6889952	1298.48	297.79

ZONE: Western BRX

SECTION:

HOLE: KL-14-235

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 4.35m,

Drilling Dates: -

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
8.22	32.2	-51.2	Reflex
297.78	39.9	-51.1	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.35	4.35	CAS
4.35	15.44	11.09	GRD
15.44	23.47	8.03	GRD
23.47	38.71	15.24	GRD
38.71	40.34	1.63	GRD
40.34	85.41	45.07	GRD
85.41	91.14	5.73	GRD
91.14	97.43	6.29	GRD
97.43	100.72	3.29	GRD
100.72	126.97	26.25	GRD
126.97	130.38	3.41	GRD
130.38	143.79	13.41	GRD
143.79	146.6	2.81	GRD
146.6	173.74	27.14	GRD
173.74	179.93	6.19	GRD
179.93	200.25	20.32	GRD

SAMPLES	
Numbers:	Q933618 to Q933673, Q934858 to Q934861
Total:	68
Batch:	192, 196, 201, 206
Certificates:	WH14119705, WH14119708, WH14129183, WH14134310

COMMENTS

200.25	204.07	3.82	GRD
204.07	205.55	1.48	GRD
205.55	227.24	21.69	GRD
227.24	236.47	9.23	GRD
236.47	236.9	0.43	BXA
236.9	242.15	5.25	GRD
242.15	243.28	1.13	QFP
243.28	243.64	0.36	VEN
243.64	249.04	5.4	QFP
249.04	276.78	27.74	GRD
276.78	290.07	13.29	GRD
290.07	291.69	1.62	MAF
291.69	297.79	6.1	GRD

Box Log

KL-14-235

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.35	7.5
2	7.5	10.85
3	10.85	14.15
4	14.15	17.6
5	17.6	20.65
6	20.65	23.85
7	23.85	27.2
8	27.2	30.35
9	30.35	33.55
10	33.55	37
11	37	40.08
12	40.08	43.41
13	43.41	46.75
14	46.75	49.75
15	49.75	52.85
16	52.85	56.25
17	56.25	59.55
18	59.55	62.7
19	62.7	65.85
20	65.85	69.05
21	69.05	72.2
22	72.2	75.53
23	75.53	77.91
24	77.91	80.79
25	80.79	83.92
26	83.92	86.8
27	86.8	89.6
28	89.6	92.6
29	92.6	95.6
30	95.6	98.25
31	98.25	100.44
32	100.44	103.29
33	103.29	106.38
34	106.38	109.5
35	109.5	112.88
36	112.88	115.92
37	115.92	118.76
38	118.76	121.83
39	121.83	124.33
40	124.33	127.28
41	127.28	130.49
42	130.49	133.7
43	133.7	136.6
44	136.6	139.6
45	139.6	142.6
46	142.6	145.75
47	145.75	149.1
48	149.1	152.1
49	152.1	155.13
50	155.13	158.02
51	158.02	161.18
52	161.18	164.26
53	164.26	167.37
54	167.37	170.32
55	170.32	173.69
56	173.69	176.66
57	176.66	179.76
58	179.76	182.8
59	182.8	186.1
60	186.1	189.3
61	189.3	192.31
62	192.31	195.66
63	195.66	198.91
64	198.91	202.1
65	202.1	204.8
66	204.8	207.3
67	207.3	210.55
68	210.55	213.35
69	213.35	216.32
70	216.32	219.55
71	219.55	222.35
72	222.35	224.8
73	224.8	227.8
74	227.8	230.74
75	230.74	233.75
76	233.75	236.83
77	236.83	240.05
78	240.05	243.1
79	243.1	246.12
80	246.12	249.3
81	249.3	252.5
82	252.5	255.77
83	255.77	259.09
84	259.09	262.48
85	262.48	265.65
86	265.65	269.05
87	269.05	272.33
88	272.33	275.45
89	275.45	278.7
90	278.7	281.9

Box Number	From (m)	To (m)
91	281.9	285.1
92	285.1	288.15
93	288.15	291.12
94	291.12	294.5
95	294.5	297.67
96	297.67	297.79

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-235									
	243.49	14.7	HQ	VEN	1808.4	1314	4.21	3.7	BRX vein: smoky quartz with massive pyrite and arsenopyrite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.35	15.44	11.09	GRD	MG	Fresh granodiorite with weak oxidation on fractures. Mafic xenoliths.							
						MD	GY		OXI	2I		
						LT	BN					
15.44	23.47	8.03	GRD	MG	Fresh granodiorite with semi-pervasive oxidation and stronger oxidation on fractures. Cut by two strongly oxidized gouge zones.							
						MD	GY		OXI	3I		
						MD	BN					
23.47	38.71	15.24	GRD	MG	Fresh granodiorite with trace oxidation on fractures.							
						MD	GY		OXI	1I		
						LT	BN					
38.71	40.34	1.63	GRD	MG	Moderate-strong oxidation is pervasive from fractures. Cut by quartz-carbonate veins with inferred phyllic and argillic envelopes.							
						MD	BN		OXI	4I		
						MD	GY					
40.34	85.41	45.07	GRD	MG	Weak orange oxidation on fractures in fresh granodiorite.							
						MD	GY		OXI	2I		
						LT	OR					
85.41	88.60	3.19	GRD	MG	Weakly faulted with trace hematite on slip planes. Patchy argillic with overprinted potassic near faulted granodiorite.							
						MD	GN	PA	SIL	1I		
						MD	RD		POT	2I		
						LT	WH		ARG	2I		
									HEM	1I		
88.60	91.14	2.54	GRD	MG	Strong pervasive phyllic with disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	4I		
						LT	GN		SIL	1I	Py	3
91.14	97.43	6.29	GRD	MG	Fresh granodiorite with weak propylitic alteration.							
						MD	GY		PRO	2I		
97.43	100.72	3.29	GRD	MG	Intensely faulted granodiorite, reduced fully to sandy-pebbly fragments with clay altered coatings.							
						MD	GY	RB	CLY	3I		
100.72	122.54	21.82	GRD	MG	Fresh granodiorite cut by rare quartz-carbonate veinlets with phyllic halos. Pebbly mafic xenoliths. Occasional fracture zones.							
						MD	GY	FR				
122.54	123.14	0.60	GRD	MG	Moderate-strong phyllic halos on smoky quartz-pyrite veins.							
						LT	GN		PHC	3I	Py	0.1
123.14	126.97	3.83	GRD	MG	Fresh granodiorite with fracturing. Light green clay on fractures. Somewhat crumbled recovery.							
						MD	GY	FR	CLY	2I		
126.97	130.38	3.41	GRD	MG	Proximal phyllic and distal argillic halos on quartz-carbonate veins with patchy potassic overprint. Localized hematization overprint.							
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
						LT	PK		HEM	1I		
									POT	2I		
130.38	132.26	1.88	GRD	MG	Fresh granodiorite cut by rare quartz-carbonate veinlets with narrow phyllic halos.							
						MD	GY					
132.26	132.80	0.54	GRD	MG	Moderate argillic with pervasive potassic overprint.							
						LT	WH		ARG	3I		
						LT	PK		POT	1I		
132.80	143.79	10.99	GRD	MG	Fresh granodiorite cut by rare quartz-carbonate veinlets with narrow phyllic halos.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY					
143.79	146.60	2.81	GRD	MG	Moderate-strongly phyllic altered granodiorite with clay alteration along netted fractures.							
						LT	GN		PHC	3I		
									CLY	2I		
146.60	155.86	9.26	GRD	MG	Fresh granodiorite with mafic xenoliths.							
						MD	GN					
155.86	158.26	2.40	GRD	MG	Weakly faulted/fractured fresh granodiorite with light green sericite on fractures. Narrow phyllic halos on quartz-carbonate veins.							
						MD	GN	FR	SER	2I		
									PHC	2I		
158.26	173.74	15.48	GRD	MG	Fresh granodiorite with mafic xenoliths.							
						MD	GN					
173.74	175.74	2.00	GRD	MG	Pervasive moderate-strong proximal phyllic and distal argillic vein envelopes. Phyllic and trace potassic overprint argillic. Cut by mineralized banded quartz-carbonate veins, carbonate stringers, and hematite-stained quartz veinlets.							
						MD	GY		PHC	3I		
						LT	GN	PA	SIL	2I		
						LT	WH		ARG	2I		
									POT	1I		
175.74	176.48	0.74	GRD	MG	Fresh granodiorite with trace semi-pervasive propylitic and potassic.							
						MD	GY		PRO	1I		
									POT	1I		
176.48	179.93	3.45	GRD	MG	Pervasive moderate-strong proximal phyllic and distal argillic vein envelopes. Phyllic and trace potassic overprint argillic. Narrow patches of fresh granodiorite. Cut by mineralized banded quartz-carbonate veins, carbonate stringers, and hematite-stained quartz veinlets.							
						MD	GY		PHC	3I		
						LT	GN	PA	SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH		ARG	2I		
									POT	1I		
179.93	200.25	20.32	GRD	MG	Fresh granodiorite with narrow proximal phyllic and distal argillic halos on quartz-carbonate veinlets. Cobbly mafic xenoliths.							
						MD	GY					
200.25	204.07	3.82	GRD	MG	Proximal phyllic/distal argillic fault envelop with semi-pervasive clay and weak gouge. Cut by rare gouged quartz-carbonate-pyrite veinlets. Patch potassic overprinting argillic.							
						LT	WH		CLY	3I		
						LT	GN		PHC	3I		
									ARG	3I		
									POT	1I		
204.07	205.55	1.48	GRD	MG	Fractured, crumbled granodiorite with weak pervasive propylitic. Light green sericite on fractures.							
						MD	GN	FR	SER	1I		
						LT	GN		PRO	2I		
205.55	227.24	21.69	GRD	MG	Alternating patches of phyllic, argillic, and overprinting potassic due to proximal/distal vein envelopes. Light green sericite on some fractures. Cut by quartz-carbonate veins +/- pyrite.							
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
						LT	PK		POT	1I		
									SER	1I		
227.24	232.37	5.13	GRD	MG	Semipervasive phyllic altered granodiorite with patchy argillic. Patchy potassic overprints argillic. Cut by quartz-carbonate veins, hosting pyrite +/- sphalerite +/- chalcopyrite.							
						LT	GN	PA	PHC	3I		
						LT	PK		POT	1I		
									ARG	2I		
232.37	233.11	0.74	GRD	MG	Propylitic altered crumbled fault with limited light green sericite on fracture faces. Trace potassic.							
						MD	GN		SER	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	PK		PRO	2I		
									POT	1I		
233.11	236.47	3.36	GRD	MG	Semipervasive phyllic altered granodiorite with patchy argillic. Patchy potassic overprints argillic. Cut by quartz-carbonate veins, hosting pyrite +/- sphalerite +/- chalcopyrite.							
						LT	GN	PA	PHC	3I		
						LT	PK		POT	1I		
									ARG	2I		
236.47	236.90	0.43	BXA	FG	Breccia where main clasts are a rusty red agate. Clasts are pebbly, sub-angular, and poorly sorted. These were brecciated by banded aphanitic quartz with blebby pyrite. Cut further by dark smoky quartz bands and white calcite veinlets. Band of cream ankerite with blebby honey brown sphalerite and massive pyrite band along lower selvege.							
						MD	RD	BX	SIL	4I	Py	3
						DK	GY				Sp	0.1
236.90	242.15	5.25	GRD	MG	Propylitic altered granodiorite cut by veins with phyllic halos that dominate the interval. Mineralized quartz-pyrite veinlets are focused near breccia and quartz feldspar porphyry dyke contacts. Sharp fractured contact between granodiorite and quartz feldspar porphyry dyke.							
						MD	GN	PA	SIL	1I		
						LT	GN		PHC	2I		
									PRO	2I		
242.15	243.28	1.13	QFP	FG	Light green hydrothermally altered quartz feldspar porphyry dyke with clear quartz eyes and green altered phenocrysts (3-5% total rock content).							
						LT	GN	PO	SIL	1I		
									HYD	2I		
243.28	243.64	0.36	VEN	CG	Main breccia vein with gouged contacts with quartz feldspar porphyry dyke. Dark grey smoky quartz vein with massive pyrite and arsenopyrite. <3% interstitial milky quartz.							
						DK	GY	MA	SIL	4I	Py	45
											As	35

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
243.64	246.68	3.04	QFP	FG	Light green quartz feldspar porphyry dyke with gouged contact with vein and maroon dyke. Phenocrysts are 30-50% of total rock content. Cut by discontinuous calcite veinlets.							
						LT	GN	PO	HYD	3I		
									CLY	2I		
246.68	248.59	1.91	QFP	FG	Tan near gouged contacts, maroon at centre. Elongate, aligned phenocrysts are fine. Cut by discontinuous white calcite veinlets.							
						MD	MR					
						LT	TN	PO	HYD	4I		
248.59	249.04	0.45	BXA	FG	Contact breccia between tan/maroon dyke, grey/green dyke, and granodiorite. Medium grey dyke brecciates tan dyke, with granodiorite clasts and disseminated pyrite near granodiorite contact. Cut by gouge and white colloform quartz veinlets.							
						MD	GY	BX				
249.04	270.55	21.51	GRD	MG	Alternating patches of propylitic-argillic/phyllic granodiorite, due to sporadic vein halos. Veins are clear-white quartz-carbonate +/- pyrite.							
						MD	GN		PHC	2I		
						LT	GN	PA	PRO	2I		
						LT	WH		ARG	2I		
270.55	273.47	2.92	GRD	MG	Pervasive moderate-weak argillic with netted carbonate-hematite veinlets. Light purple throughout interval related to hematite.							
						LT	PU	NE	HEM	2I		
						LT	WH		ARG	3I		
273.47	276.78	3.31	GRD	MG	Alternating patches of propylitic-argillic/phyllic granodiorite, due to sporadic vein halos. Veins are clear-white quartz-carbonate +/- pyrite.							
						MD	GN		PHC	2I		
						LT	GN	PA	PRO	2I		
						LT	WH		ARG	2I		
276.78	290.07	13.29	GRD	MG	Semi-pervasive propylitic with patchy potassic and argillic. Strong-moderate chloritization and lower dyke contact.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	PA	PRO	2I		
						LT	PK		POT	1I		
									ARG	1I		
290.07	291.69	1.62	MAF	FG	Pervasive hydrothermally altered dark grey mafic dyke with few fine phenocrysts. Dyke is magnetite-bearing.							
						DK	GY	PO	HYD	3I		
291.69	297.79	6.10	GRD	MG	Fresh granodiorite with patchy trace propylitic. Cut by quartz-carbonate-chlorite veinlets.							
						MD	GY		PRO	1I		

KL-14-235

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.35	15.44	11.09	GRD	MG	Fresh granodiorite with weak oxidation on fractures. Mafic xenoliths.							
						LT	BN					
						MD	GY		OXI	2I		
15.44	23.47	8.03	GRD	MG	Fresh granodiorite with semi-pervasive oxidation and stronger oxidation on fractures. Cut by two strongly oxidized gouge zones.							
						MD	GY		OXI	3I		
						MD	BN					
23.47	38.71	15.24	GRD	MG	Fresh granodiorite with trace oxidation on fractures.							
						MD	GY		OXI	1I		
						LT	BN					
38.71	40.34	1.63	GRD	MG	Moderate-strong oxidation is pervasive from fractures. Cut by quartz-carbonate veins with inferred phyllic and argillic envelopes.							
						MD	BN		OXI	4I		
						MD	GY					
40.34	85.41	45.07	GRD	MG	Weak orange oxidation on fractures in fresh granodiorite.							
						LT	OR					
						MD	GY		OXI	2I		
85.41	91.14	5.73	GRD	MG	Weakly faulted with trace hematite on slip planes. Patchy argillic with overprinted potassic near faulted granodiorite. Strong phyllic altered granodiorite with disseminated pyrite follows.							
						LT	WH		PHC	4I		
									HEM	1I		
						MD	RD		ARG	2I		
						MD	GN	PA	SIL	1I	Py	3
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
91.14	97.43	6.29	GRD	MG	Fresh granodiorite with weak propylitic alteration.							
						MD	GY		PRO	2I		
97.43	100.72	3.29	GRD	MG	Intensely faulted granodiorite, reduced fully to sandy-pebbly fragments with clay altered coatings.							
						MD	GY	RB	CLY	3I		
100.72	126.97	26.25	GRD	MG	Fresh granodiorite cut by rare quartz-carbonate veinlets with phyllic halos. Pebbly mafic xenoliths. Occasional fracture zones.							
						MD	GY	FR				
126.97	130.38	3.41	GRD	MG	Proximal phyllic and distal argillic halos on quartz-carbonate veins with patchy potassic overprint. Localized hematization overprint.							
						LT	WH		ARG	3I		
						LT	PK		HEM	1I		
									POT	2I		
						LT	GN	PA	PHC	3I		
130.38	143.79	13.41	GRD	MG	Fresh granodiorite cut by rare quartz-carbonate veinlets with narrow phyllic halos.							
						MD	GY					
143.79	146.60	2.81	GRD	MG	Moderate-strongly phyllic altered granodiorite with clay alteration along netted fractures.							
									CLY	2I		
						LT	GN		PHC	3I		
146.60	173.74	27.14	GRD	MG	Fresh granodiorite with mafic xenoliths.							
						MD	GN					
173.74	179.93	6.19	GRD	MG	Pervasive moderate-strong proximal phyllic and distal argillic vein envelopes. Phyllic and trace potassic overprint argillic. Patches of fresh granodiorite. Cut by mineralized banded quartz-carbonate veins, carbonate stringers, and hematite-stained quartz veinlets.							
						MD	GY		PHC	3I		
						LT	WH		ARG	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GN	PA	SIL	2I		
179.93	200.25	20.32	GRD	MG	Fresh granodiorite with narrow proximal phyllic and distal argillic halos on quartz-carbonate veinlets. Cobbly mafic xenoliths.							
						MD	GY					
200.25	204.07	3.82	GRD	MG	Proximal phyllic/distal argillic fault envelop with semi-pervasive clay and weak gouge. Cut by rare gouged quartz-carbonate-pyrite veinlets. Patch potassic overprinting argillic.							
									ARG	3I		
						LT	GN		PHC	3I		
						LT	WH		CLY	3I		
									POT	1I		
204.07	205.55	1.48	GRD	MG	Fractured, crumbled granodiorite with weak pervasive propylitic. Light green sericite on fractures.							
						LT	GN		PRO	2I		
						MD	GN	FR	SER	1I		
205.55	227.24	21.69	GRD	MG	Alternating patches of phyllic, argillic, and overprinting potassic due to proximal/distal vein envelopes. Light green sericite on some fractures. Cut by quartz-carbonate veins +/- pyrite.							
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	3I		
						LT	PK		POT	1I		
									SER	1I		
227.24	236.47	9.23	GRD	MG	Semipervasive phyllic altered granodiorite with patchy argillic. Patchy potassic overprints argillic. Cut by quartz-carbonate veins, hosting pyrite +/- sphalerite +/- chalcopyrite.							
									ARG	2I		
						LT	GN	PA	PHC	3I		
						LT	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
236.47	236.90	0.43	BXA	FG	Breccia where main clasts are a rusty red agate. Clasts are pebbly, sub-angular, and poorly sorted. These were brecciated by banded aphanitic quartz with blebby pyrite. Cut further by dark smoky quartz bands and white calcite veinlets. Band of cream ankerite with blebby honey brown sphalerite and massive pyrite band along lower selvege.							
						MD	RD	BX	SIL	4I	Py	3
						DK	GY				Sp	0.1
236.90	242.15	5.25	GRD	MG	Propylitic altered granodiorite cut by veins with phyllic halos that dominate the interval. Mineralized quartz-pyrite veinlets are focused near breccia and quartz feldspar porphyry dyke contacts. Sharp fractured contact between granodiorite and quartz feldspar porphyry dyke.							
						MD	GN	PA	SIL	1I		
									PRO	2I		
						LT	GN		PHC	2I		
242.15	243.28	1.13	QFP	FG	Light green hydrothermally altered quartz feldspar porphyry dyke with clear quartz eyes and green altered phenocrysts (3-5% total rock content).							
									HYD	2I		
						LT	GN	PO	SIL	1I		
243.28	243.64	0.36	VEN	CG	Main BRX vein with gouged contacts with quartz feldspar porphyry dyke. Dark grey smoky quartz vein with massive pyrite and arsenopyrite. <3% interstitial milky quartz.							
											As	35
						DK	GY	MA	SIL	4I	Py	45
243.64	249.04	5.40	QFP	FG	Moderately hydrothermally altered quartz feldspar porphyry dyke of different colours. Typically gouged contacts between dykes.							
						LT	TN					
						LT	GN	PO	HYD	3I		
						MD	MR					
249.04	276.78	27.74	GRD	MG	Alternating patches of propylitic-argillic/phyllic granodiorite, due to sporadic vein halos. Veins are clear-white quartz-carbonate +/- pyrite.							
						LT	GN	PA	PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	2I		
						LT	WH		ARG	2I		
276.78	290.07	13.29	GRD	MG	Semi-pervasive propylitic with patchy potassic and argillic. Strong-moderate chloritization and lower dyke contact.							
						MD	GN	PA	PRO	2I		
						LT	PK		POT	1I		
									ARG	1I		
290.07	291.69	1.62	MAF	FG	Pervasive hydrothermally altered dark grey mafic dyke with few fine phenocrysts. Dyke is magnetite-bearing.							
						DK	GY	PO	HYD	3I		
291.69	297.79	6.10	GRD	MG	Fresh granodiorite with patchy trace propylitic. Cut by quartz-carbonate-chlorite veinlets.							
						MD	GY		PRO	1I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.35	4.35	0	0	0.00	0	--	--	--	
4.35	5.18	0.83	0.82	99	0.49	59	--	3H	3W	
5.18	8.23	3.05	2.88	94	2.39	78	--	3H	3W	
8.23	11.28	3.05	2.79	91	2.04	67	--	3H	3W	
11.28	14.33	3.05	2.83	93	2.22	73	--	3H	3W	
14.33	17.37	3.04	2.78	91	2.10	69	--	3H	3W	
17.37	20.42	3.05	2.96	97	1.08	35	--	2H	3W	
20.42	23.47	3.05	2.87	94	1.14	37	--	2H	4W	
23.47	26.52	3.05	2.78	91	2.04	67	--	3H	3W	
26.52	29.57	3.05	2.99	98	1.97	65	--	4H	3W	
29.57	32.61	3.04	3	99	2.70	89	--	4H	3W	
32.61	35.66	3.05	2.78	91	2.11	69	--	2H	3W	
35.66	38.71	3.05	2.88	94	2.45	80	--	4H	3W	
38.71	41.76	3.05	2.63	86	1.59	52	--	2H	4W	
41.76	44.81	3.05	2.86	94	1.98	65	--	4H	3W	
44.81	47.85	3.04	2.97	98	2.29	75	--	4H	3W	
47.85	50.90	3.05	2.98	98	2.02	66	--	4H	3W	
50.90	53.95	3.05	2.76	90	1.31	43	--	2H	3W	
53.95	57.00	3.05	2.83	93	2.11	69	--	4H	3W	
57.00	60.05	3.05	2.88	94	2.58	85	--	3H	3W	
60.05	63.09	3.04	2.93	96	2.39	79	--	4H	2W	
63.09	66.14	3.05	3	98	2.55	84	--	4H	2W	
66.14	69.19	3.05	2.93	96	2.74	90	--	4H	2W	
69.19	72.24	3.05	3.05	100	2.96	97	--	4H	2W	
72.24	75.29	3.05	2.99	98	2.24	73	--	4H	1W	
75.29	78.33	3.04	3.04	100	2.05	67	--	4H	1W	
78.33	81.38	3.05	3	98	2.05	67	--	2H	1W	
81.38	84.43	3.05	2.03	67	0.46	15	--	1H	1W	
84.43	87.48	3.05	2.39	78	1.45	48	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.95	97	2.18	71	--	1H	1W	
90.53	93.57	3.04	2.99	98	2.41	79	--	3H	1W	
93.57	96.62	3.05	3.04	100	1.68	55	--	3H	1W	
96.62	99.67	3.05	2.33	76	0.13	4	--	1H	1W	
99.67	102.72	3.05	2.65	87	1.39	46	--	1H	1W	
102.72	105.77	3.05	2.86	94	2.16	71	--	4H	1W	
105.77	108.81	3.04	2.9	95	2.44	80	--	4H	1W	
108.81	111.86	3.05	2.73	90	2.02	66	--	4H	1W	
111.86	114.91	3.05	3.05	100	2.63	86	--	4H	1W	
114.91	117.96	3.05	2.76	90	1.66	54	--	4H	1W	
117.96	121.01	3.05	2.4	79	0.68	22	--	2H	1W	
121.01	124.05	3.04	2.54	84	1.40	46	--	1H	1W	
124.05	127.10	3.05	2.22	73	1.02	33	--	1H	1W	
127.10	130.15	3.05	2.82	92	2.07	68	--	3H	1W	
130.15	133.20	3.05	2.95	97	2.58	85	--	3H	1W	
133.20	136.25	3.05	2.87	94	2.18	71	--	4H	1W	
136.25	139.29	3.04	2.71	89	1.52	50	--	4H	1W	
139.29	142.34	3.05	2.07	68	0.81	27	--	1H	1W	
142.34	145.39	3.05	2.82	92	2.25	74	--	3H	1W	
145.39	148.44	3.05	2.62	86	2.21	72	--	2H	1W	
148.44	151.49	3.05	2.81	92	2.33	76	--	4H	1W	
151.49	154.53	3.04	2.88	95	2.31	76	--	2H	1W	
154.53	157.58	3.05	2.48	81	1.15	38	--	1H	1W	
157.58	160.63	3.05	2.93	96	2.11	69	--	2H	1W	
160.63	163.68	3.05	2.98	98	1.70	56	--	3H	1W	
163.68	166.73	3.05	2.74	90	2.12	70	--	4H	1W	
166.73	169.77	3.04	2.92	96	2.42	80	--	4H	1W	
169.77	172.82	3.05	2.92	96	2.67	88	--	4H	1W	
172.82	175.87	3.05	3	98	2.04	67	--	3H	1W	
175.87	178.92	3.05	2.77	91	1.95	64	--	1H	1W	
178.92	181.97	3.05	2.71	89	2.11	69	--	1H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3	99	2.38	78	--	3H	1W	
185.01	188.06	3.05	3	98	2.18	71	--	4H	1W	
188.06	191.11	3.05	2.9	95	1.80	59	--	4H	1W	
191.11	194.16	3.05	2.94	96	2.47	81	--	4H	1W	
194.16	197.21	3.05	3	98	2.23	73	--	4H	1W	
197.21	200.25	3.04	2.91	96	2.36	78	--	4H	1W	
200.25	203.30	3.05	2.87	94	2.04	67	--	2H	1W	
203.30	206.35	3.05	2.12	70	0.41	13	--	1H	1W	
206.35	209.40	3.05	2.66	87	2.15	70	--	2H	1W	
209.40	212.45	3.05	2.76	90	1.88	62	--	3H	1W	
212.45	215.49	3.04	2.46	81	1.25	41	--	2H	1W	
215.49	218.54	3.05	3.01	99	1.86	61	--	3H	1W	
218.54	221.59	3.05	3.05	100	1.70	56	--	3H	1W	
221.59	224.64	3.05	2.9	95	1.02	33	--	2H	1W	
224.64	227.69	3.05	3.05	100	1.65	54	--	3H	1W	
227.69	230.73	3.04	2.98	98	1.35	44	--	3H	1W	
230.73	233.78	3.05	2.93	96	1.23	40	--	3H	1W	
233.78	236.83	3.05	3.04	100	2.25	74	--	3H	1W	
236.83	239.88	3.05	3.05	100	2.31	76	--	4H	1W	
239.88	242.93	3.05	3.05	100	1.99	65	--	3H	1W	
242.93	245.97	3.04	3.04	100	1.49	49	--	2H	1W	
245.97	249.02	3.05	3.03	99	0.95	31	--	2H	1W	
249.02	252.07	3.05	3.05	100	2.43	80	--	3H	1W	
252.07	255.12	3.05	2.9	95	2.50	82	--	4H	1W	
255.12	258.17	3.05	2.99	98	2.98	98	--	4H	1W	
258.17	261.21	3.04	2.86	94	2.33	77	--	4H	1W	
261.21	264.26	3.05	2.95	97	2.09	69	--	4H	1W	
264.26	267.31	3.05	2.88	94	2.68	88	--	3H	1W	
267.31	270.36	3.05	2.9	95	1.69	55	--	2H	1W	
270.36	273.41	3.05	2.83	93	1.99	65	--	3H	1W	
273.41	276.45	3.04	2.96	97	2.53	83	--	2H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
276.45	279.50	3.05	2.98	98	2.49	82	--	2H	1W	
279.50	282.55	3.05	2.84	93	2.24	73	--	4H	1W	
282.55	285.60	3.05	3.03	99	2.11	69	--	4H	1W	
285.60	288.65	3.05	2.79	91	1.50	49	--	4H	1W	
288.65	291.69	3.04	3.01	99	1.14	38	--	4H	1W	
291.69	294.74	3.05	3.02	99	2.73	90	--	4H	1W	
294.74	297.79	3.05	3.05	100	2.51	82	--	5H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
5	12.59	GRD	
6	13.21	GRD	
7	10.38	GRD	
8	12.22	GRD	
9	14.11	GRD	
10	7.137	GRD	
11	11.78	GRD	
12	10.5	GRD	
13	22.55	GRD	
14	12.03	GRD	
15	17.23	GRD	
16	0.501	GRD	
17	0.185	GRD	
18	0.653	GRD	
19	0.255	GRD	
20	2.788	GRD	
21	0.39	GRD	
22	2.715	GRD	
23	4.791	GRD	
24	10.28	GRD	
25	12.58	GRD	
26	12.16	GRD	
27	3.228	GRD	
28	1.61	GRD	
29	1.926	GRD	
30	3.102	GRD	
31	4.5	GRD	
32	2.56	GRD	
33	0.574	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
34	3.126	GRD	
35	5.974	GRD	
36	5.609	GRD	
37	4.511	GRD	
38	5.825	GRD	
39	0.614	GRD	
40	3.242	GRD	
41	12.66	GRD	
42	13.67	GRD	
43	12.96	GRD	
44	10.2	GRD	
45	8.33	GRD	
46	12.8	GRD	
47	10.6	GRD	
48	9	GRD	
49	10.3	GRD	
50	16.8	GRD	
51	6.59	GRD	
52	16.1	GRD	
53	13.1	GRD	
54	12.9	GRD	
55	15.7	GRD	
56	17.3	GRD	
57	14.9	GRD	
58	0.521	GRD	
59	16.3	GRD	
60	19.3	GRD	
61	17.7	GRD	
62	16.9	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
63	16.2	GRD	
64	19.3	GRD	
65	17.8	GRD	
66	17.7	GRD	
67	16.3	GRD	
68	17.3	GRD	
69	19.4	GRD	
70	21.7	GRD	
71	20.5	GRD	
72	0.623	GRD	
73	2.39	GRD	
74	0.979	GRD	
75	20.8	GRD	
76	19.4	GRD	
77	23.5	GRD	
78	23.2	GRD	
79	1.61	GRD	
80	0.458	GRD	
81	15.04	GRD	
82	9.479	GRD	
83	0.959	GRD	
84	2.096	GRD	
85	17.17	GRD	
86	9.606	GRD	
87	0.632	GRD	
88	0.392	GRD	
89	0.516	GRD	
90	0.389	GRD	
91	1.202	GRD	
92	23.43	GRD	
93	24.86	GRD	
94	20.44	GRD	
95	23.11	GRD	
96	0.537	GRD	
97	9.663	GRD	
98	16.64	GRD	
99	18.49	GRD	
100	0.575	GRD	
101	14.95	GRD	
102	25.93	GRD	
103	26.94	GRD	
104	1.147	GRD	
105	20.7	GRD	
106	21.92	GRD	
107	21.45	GRD	
108	19.44	GRD	
109	22.76	GRD	
110	22.8	GRD	
111	21.17	GRD	
112	22.13	GRD	
113	20.13	GRD	
114	20.69	GRD	
115	20.29	GRD	
116	20.58	GRD	
117	19.64	GRD	
118	15.74	GRD	
119	7.603	GRD	
120	20.65	GRD	
121	14.93	GRD	
122	11.23	GRD	
123	0.619	GRD	
124	0.717	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
125	20.94	GRD	
126	10.78	GRD	
127	4.849	GRD	
128	0.3	GRD	
129	0.843	GRD	
130	0.334	GRD	
131	0.637	GRD	
132	17.97	GRD	
133	6.308	GRD	
134	1.283	GRD	
135	14.2	GRD	
136	13.83	GRD	
137	18.8	GRD	
138	17.36	GRD	
139	4.868	GRD	
140	0.372	GRD	
141	17.14	GRD	
142	5.04	GRD	
143	11.78	GRD	
144	0.332	GRD	
145	1.101	GRD	
146	0.995	GRD	
147	7.008	GRD	
148	1.628	GRD	
149	0.671	GRD	
150	8.212	GRD	
151	18.07	GRD	
152	14.95	GRD	
153	14.36	GRD	
154	0.622	GRD	
155	15.5	GRD	
156	1.767	GRD	
157	15.89	GRD	
158	1.533	GRD	
159	1.528	GRD	
160	18.75	GRD	
161	23.11	GRD	
162	18.59	GRD	
163	21.23	GRD	
164	13.15	GRD	
165	20.89	GRD	
166	19.5	GRD	
167	16.74	GRD	
168	17.84	GRD	
169	29.16	GRD	
170	12.76	GRD	
171	10.92	GRD	
172	18.14	GRD	
173	17.67	GRD	
174	0.265	GRD	
175	3.54	GRD	
176	18.15	GRD	
177	9.342	GRD	
178	6.931	GRD	
179	0.762	GRD	
180	7.948	GRD	
181	8.744	GRD	
182	18.25	GRD	
183	4.3	GRD	
184	19.08	GRD	
185	18.05	GRD	
186	16.27	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
187	18.58	GRD	
188	19.14	GRD	
189	11.86	GRD	
190	8.75	GRD	
191	17.18	GRD	
192	19.21	GRD	
193	17.96	GRD	
194	18.66	GRD	
195	21.24	GRD	
196	19.11	GRD	
197	18.06	GRD	
198	1.084	GRD	
199	1.067	GRD	
200	16.05	GRD	
201	0.29	GRD	
202	0.445	GRD	
203	0.282	GRD	
206	1.909	GRD	
207	0.482	GRD	
208	0.35	GRD	
209	0.378	GRD	
210	0.586	GRD	
211	0.62	GRD	
212	0.555	GRD	
213	0.025	GRD	
214	6.604	GRD	
215	7.324	GRD	
216	0.402	GRD	
217	12.9	GRD	
218	1.33	GRD	
219	1.16	GRD	
220	0.613	GRD	
221	17.1	GRD	
222	3.3	GRD	
223	2.52	GRD	
224	11.8	GRD	
225	6.3	GRD	
226	0.468	GRD	
227	0.414	GRD	
228	0.308	GRD	
229	0.456	GRD	
230	0.365	GRD	
231	0.509	GRD	
232	0.392	GRD	
233	0.356	GRD	
234	0.192	GRD	
235	0.268	GRD	
236	0.634	GRD	
237	0.182	GRD	
238	0.416	GRD	
239	0.416	GRD	
240	0.627	GRD	
241	0.521	GRD	
242	0.493	GRD	
243	0.355	QFP	
244	0.233	QFP	
245	0.264	QFP	
246	0.264	QFP	
247	0.354	QFP	
248	0.319	QFP	
249	0.352	QFP	
250	1.34	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
251	5.97	GRD	
252	0.488	GRD	
253	1.285	GRD	
254	8.858	GRD	
255	0.664	GRD	
256	10.22	GRD	
257	1.27	GRD	
258	2.766	GRD	
259	0.66	GRD	
260	0.328	GRD	
261	0.366	GRD	
262	0.366	GRD	
263	0.494	GRD	
264	2.112	GRD	
265	0.316	GRD	
266	3.493	GRD	
267	2.021	GRD	
268	1.313	GRD	
269	1.622	GRD	
270	0.437	GRD	
271	0.337	GRD	
272	0.416	GRD	
273	0.402	GRD	
274	0.858	GRD	
275	0.42	GRD	
276	0.503	GRD	
277	1.289	GRD	
278	0.43	GRD	
279	3.141	GRD	
280	0.88	GRD	
281	16.62	GRD	
282	16.88	GRD	
283	3.904	GRD	
284	0.311	GRD	
285	0.535	GRD	
286	0.32	GRD	
287	0.412	GRD	
288	0.287	GRD	
289	1.183	GRD	
290	25.4	GRD	
291	21.74	MAF	
292	10.08	GRD	
293	9.034	GRD	
294	20.52	GRD	
295	1.238	GRD	
296	10.62	GRD	
297	15.38	GRD	E.O.H

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382077	6890345	1321.53	209.4

ZONE: Tech

SECTION:

HOLE: KL-14-236

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth:

Drilling Dates: -

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
11.27	33.8	-50.2	Reflex
209.39	38.2	-51.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.04	4.04	CAS
4.04	9.2	5.16	GRD
9.2	10	0.8	QFP
10	30.2	20.2	GRD
30.2	41.15	10.95	GRD
41.15	47.55	6.4	GRD
47.55	99.72	52.17	GRD
99.72	178.3	78.58	GRD
178.3	178.94	0.64	GRD
178.94	179.21	0.27	BXA
179.21	179.33	0.12	GRD
179.33	179.8	0.47	BXA
179.8	180.6	0.8	GRD
180.6	182.65	2.05	GRD
182.65	183.08	0.43	BXA
183.08	188.88	5.8	QFP

SAMPLES	
Numbers:	Q934512 to Q934513, Q934517 to Q934520, Q934523 to Q934525, Q935162 to Q935216, Q9354521, Q9354522
Total:	73
Batch:	198, 200, 204, D01
Certificates:	WH14119706, WH14132986, WH14132988, WH14132989

COMMENTS

188.88	189.24	0.36	BXA
189.24	189.43	0.19	GRD
189.43	189.9	0.47	BXA
189.9	190.6	0.7	GRD
190.6	193.93	3.33	GRD
193.93	194.32	0.39	BXA
194.32	197.18	2.86	GRD
197.18	209.4	12.22	GRD

Box Log

KL-14-236

Klaza Tech Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.04	7
2	7	12
3	12	14.93
4	14.93	17.85
5	17.85	20.8
6	20.8	23.7
7	23.7	26.7
8	26.7	29.9
9	29.9	33
10	33	36.15
11	36.15	39.2
12	39.2	42.1
13	42.1	44.81
14	44.81	47.85
15	47.85	50.99
16	50.99	53.95
17	53.95	57.11
18	57.11	60.37
19	60.37	63.51
20	63.51	66.77
21	66.77	69.84
22	69.84	73
23	73	76.37
24	76.37	79.5
25	79.5	82.68
26	82.68	85.82
27	85.82	88.97
28	88.97	92.01
29	92.01	95.35
30	95.35	98.27
31	98.27	101.38
32	101.38	104.58
33	104.58	107.81
34	107.81	110.87
35	110.87	114.05
36	114.05	117.3
37	117.3	120.67
38	120.67	123.89
39	123.89	127.03
40	127.03	130.25
41	130.25	133.54
42	133.54	136.76
43	136.76	139.97
44	139.97	143.2
45	143.2	146.2
46	146.2	149.5
47	149.5	152.7
48	152.7	155.9
49	155.9	159.15
50	159.15	162.3
51	162.3	165.6
52	165.6	168.9
53	168.9	172.05
54	172.05	175.23
55	175.23	178.3
56	178.3	181.37
57	181.37	184.26
58	184.26	187.28
59	187.28	190.5
60	190.5	193.75
61	193.75	195.88
62	195.88	200.03
63	200.03	203.21
64	203.21	206.51
65	206.51	209.4

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-236									
	27.02	9.3	HQ	GRD	769.6	460.9	2.83	2.5	Moderately argillic altered granodiorite with moderate pervasive oxidation.
	59.35	9	HQ	GRD	747.2	468.4	2.84	2.7	Weak potassic/propyllitic altered granodiorite.
	101.59	10.3	HQ	GRD	865.4	544	2.87	2.7	Trace potassic/propyllitic altered granodiorite.
	149.5	11.5	HQ	GRD	964.9	605.4	2.87	2.7	Trace potassic/propyllitic altered granodiorite.
	175.98	9.6	HQ	GRD	778.4	487	2.77	2.7	Moderately silicified, moderate potassic/weak propyllitic altered granodiorite.
	179.07	9.4	HQ	BXA	873.4	550.1	3.18	2.7	Polymictic black quartz breccia. Sub-angular to sub-rounded, sand to cobble sized clasts of phyllic granodiorite, light green dyke and smokey quartz vein hosting disseminated pyrite, arsenopyrite and galena. Quartz matrix hosts disseminated pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	179.65	13.3	HQ	BXA	1287.9	843.2	3.31	2.9	Smokey quartz polymictic breccia. Sand to pebble sized clasts of sub-angular to sub-rounded phyllic granodiorite, white carbonate and quartz/pyrite vein and smokey quartz vein hosting disseminated to blebby pyrite, galena and sphalerite. Quartz matrix hosts disseminated pyrite and arsenopyrite.
	182.7	10.2	HQ	BXA	832.4	527.6	2.79	2.7	Polymictic clast-supported(?) contact breccia. Smokey quartz matrix. Sub-angular to sub-rounded, sand to pebble sized clast of phyllic granodiorite, tan-grey quartz feldspar porphyry dyke and smokey quartz vein hosting blebby galena, pyrite and sphalerite. Breccia is cross-cut by a white carbonate veinlet.
	183.36	12.5	HQ	QFP	1058.1	660.9	2.9	2.7	Grey/tan quartz feldspar porphyry dyke.
	187.35	11.9	HQ	QFP	1011.6	627.2	2.91	2.6	Medium grey quartz feldspar porphyry dyke.
	188.98	14	HQ	BXA	1283.6	827.4	3.14	2.8	Polymictic contact breccia. Fine grained silicified/choloritized granodiorite matrix. Sand to pebble sized clasts of dyke. Well preserved segments of brecciated or ripped up smokey quartz vein hosting blebby galena, sphalerite and pyrite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	189.8	9.6	HQ	BXA	794.7	504.1	2.83	2.7	Polymictic breccia. Grey to smokey quartz matrix, sub-angular to sub-rounded, sand to pebble sized clasts of weak to moderate phyllic granodiorite, weak argillic granodiorite, grey-green dyke clasts, grey quartz/pyrite vein and smokey quartz vein hosting blebby pyrite, sphalerite and galena.
	195.8	10.6	HQ	GRD	874.7	547.3	2.82	2.7	Polymictic grey-smokey quartz breccia. Sub-angular to sub-rounded, sand to pebble sized clast of phyllic granodiorite, light green dyke and cream ankerite. Quartz matrix hosts disseminated pyrite.
	196.29	10	HQ	GRD	892.7	552	3.05	2.6	Weakly silicified phyllic altered granodiorite.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.04	9.20	5.16	GRD	MG	Moderately pervasive oxidized granodiorite with patchy moderate argillic alteration. Strong oxidization along fracture surfaces. Oxidation partially masks primary textures.							
						MD	BN		OXI	3I		
									ARG	3I		
9.20	10.00	0.80	QFP	FG	Rubbly and fractured quartz feldspar porphyry dyke with pervasive silicification and hydrothermal oxidation on fracture surfaces.							
						MD	BN	FR	OXI	3I		
								RB	SIL	2I		
									HYD	3I		
10.00	30.20	20.20	GRD	MG	Semi-pervasively oxidize granodiorite with patchy moderate argillic alteration. Cut by a few orange brown gouge zones, typically 1-3cm wide. Trace goethite on fracture surfaces. Oxidized carbonate veinlets with a 3m spacing.							
						MD	BN		OXI	3I		
						MD	OR		ARG	3I		
30.20	41.15	10.95	GRD	MG	Granodiorite with patchy argillic/phyllic related to occasional quartz/carbonate veins. Moderate oxidation is semi-pervasive from fractures. Few orange-brown gouge zone, typically 1-2cm wide.							
						MD	BN		OXI	3I		
						LT	GN		ARG	2I		
									PHC	2I		
41.15	47.55	6.40	GRD	MG	Weak to moderate phyllic altered granodiorite with moderate oxidation along fracture surfaces. Hosts multiple quartz/pyrite +/- carbonate veins. Moderately silicified phyllic envelopes around veins.							
						MD	GN		PHC	2I		
						MD	OR		PHC	3I		
						LT	GN		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
47.55	48.24	0.69	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1 carbonate veinlet per meter. Moderate to weakly oxidized fracture surfaces. Oxidation intensity decreases with depth.							
						MD	GY		POT	1I		
						MD	PK		POT	2I		
						DK	GN		PRO	1I		
									PRO	2I		
									OXI	2I		
									OXI	3I		
48.24	51.24	3.00	GRD	MG	Weakly silicified, weak potassic/propyllitic/phyllic overprinted weak argillic alteration. Phyllic envelopes around quartz/carbonate/sulphide veins.							
						MD	GN		PHC	2I		
						LT	GN		SIL	2I		
						LT	PK		POT	2I		
						LT	WH		PRO	2I		
									ARG	2I		
									PHC	3I		
51.24	78.50	27.26	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1 carbonate veinlet per meter. Moderate to weakly oxidized fracture surfaces. Oxidation intensity decreases with depth.							
						MD	GY		POT	1I		
						MD	PK		POT	2I		
						DK	GN		PRO	1I		
									PRO	2I		
									OXI	3I		
									OXI	2I		
78.50	79.47	0.97	GRD	MG	Moderately argillic alteration with a weak to moderate potassic/propyllitic overprinted.							
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
						DK	GN		POT	3I		
									PRO	3I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
79.47	91.10	11.63	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1 carbonate veinlet per meter. Moderate to weakly oxidized fracture surfaces. Oxidation intensity decreases with depth.							
						MD	PK		POT	2I		
						MD	GY		POT	1I		
						DK	GN		PRO	1I		
									PRO	2I		
									OXI	3I		
									OXI	2I		
91.10	94.68	3.58	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite with patchy potassic overprinted argillic alteration and phyllic envelopes around quartz/carbonate veins. ~1 carbonate veinlet per meter. Moderate to weakly oxidized fracture surfaces.							
						MD	GY	PA	POT	1I		
						MD	PK		POT	2I		
						LT	GN		OXI	3I		
						LT	WH		PRO	2I		
						DK	GN		PRO	1I		
									OXI	2I		
									PHC	3I		
									ARG	3I		
94.68	99.72	5.04	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1 carbonate veinlet per meter.Weakly oxidized fracture surfaces.							
						MD	GY		POT	1I		
						MD	PK		POT	2I		
						DK	GN		PRO	1I		
									OXI	2I		
									OXI	3I		
									PRO	2I		
99.72	124.85	25.13	GRD	MG	Trace to weak potassic/propyllitic overprinted granodiorite.							
						MD	GY		POT	1I		
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						DK	GN		PRO	1I		
									PRO	2I		
124.85	125.05	0.20	GRD	MG	Moderately silicified phyllic envelope around a quartz carbonate breccia.							
						MD	GN		SIL	3I		
						LT	GN	EN	PHC	3I		
125.05	159.15	34.10	GRD	MG	Trace to weak potassic/propyllitic overprinted granodiorite.							
						MD	GY		POT	1I		
						MD	PK		POT	2I		
						DK	GN		PRO	1I		
									PRO	2I		
159.15	163.68	4.53	GRD	MG	Potassic overprinted argillic altered granodiorite with strong silica/phyllic envelopes around quartz/carbonate veining. Envelopes hosts disseminated pyrite. Veins ~2 per meter.							
						MD	PK	EN	POT	3I		
						MD	GN		PHC	4I		
						MD	GY		SIL	4I		
						LT	WH		ARG	3I		
163.68	168.80	5.12	GRD	MG	Trace to weak potassic/propyllitic overprinted granodiorite with moderately silicified moderate to strong phyllic envelopes around quartz/carbonate/sulphide veins, ~2 per meter.							
						MD	PK		POT	2I		
						MD	GN		PHC	3I		
						MD	GY		POT	1I		
						LT	GN		PRO	2I		
						DK	GN		PRO	1I		
									PHC	3I		
									SIL	3I		
168.80	170.80	2.00	GRD	MG	Trace to weak potassic/propyllitic overprinted granodiorite.							
						MD	PK		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	1I		
						DK	GN		PRO	1I		
									PRO	2I		
170.80	173.31	2.51	GRD	MG	Weak to strongly phyllic altered granodiorite hosting multiple blank breccia veins and quartz pyrite veins.							
						MD	GN		PHC	3I		
						LT	GN	PA	PHC	2I		
						LT	WH		PHC	4I		
									ARG	3I		
173.31	178.30	4.99	GRD	MG	Trace to weak potassic/propyllitic overprinted granodiorite.							
						MD	GY		POT	1I		
						MD	PK		POT	2I		
						DK	GN		PRO	1I		
									PRO	2I		
178.30	178.94	0.64	GRD	MG	Weak to moderately phyllic altered granodiorite with patchy weak argillic alteration.							
						MD	GN		PHC	3I		
						LT	GN	PA	PHC	2I		
						LT	WH		ARG	2I		
178.94	179.21	0.27	BXA	--	Polymictic black quartz breccia. Sub-angular to sub-rounded, sand to cobble sized clasts of phyllic granodiorite, light green dyke and smokey quartz vein hosting disseminated pyrite, arsenopyrite and galena. Quartz matrix hosts disseminated pyrite.							
								BX			Py	1
											Gn	0.1
											As	0.1
179.21	179.33	0.12	GRD	MG	Moderate to strong phyllic altered granodiorite hosting disseminated pyrite.							
						MD	GN		PHC	3I		
						LT	GN		PHC	3I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
179.33	179.80	0.47	BXA	--	Smokey quartz polymictic breccia. Sand to pebble sized clasts of sub-angular to sub-rounded phyllic granodiorite, white carbonate and quartz/pyrite vein and smokey quartz vein hosting disseminated to blebby pyrite, galena and sphalerite. Quartz matrix hosts disseminated pyrite and arsenopyrite.							
								BX			Py	2
											Gn	1
											Sp	1
											As	1
180.60	182.65	2.05	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite.							
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
						DK	GN		POT	3I		
									PRO	3I		
182.65	183.08	0.43	BXA	MG	Polymictic clast-supported(?) contact breccia. Smokey quartz matrix. Sub-angular to sub-rounded, sand to pebble sized clast of phyllic granodiorite, tan-grey quartz feldspar porphyry dyke and smokey quartz vein hosting blebby galena, pyrite and sphalerite. Breccia is cross-cut by a white carbonate veinlet.							
								BX			Py	1
											Gn	1
											Sp	1
183.08	183.74	0.66	QFP	FG	Grey-purple/grey quartz feldspar porphyry dyke. Tan/grey at contacts with granodiorite. Upper contact is sharp @70 TCA.							
						MD	GY	PO				
						MD	PU					
183.74	184.13	0.39	GRD	MG	Weakly gouge altered, weakly propyllitic/phyllic altered granodiorite.							
						MD	GY		PRO	2I		
						MD	GN		POT	2I		
						LT	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
184.13	188.88	4.75	QFP	FG	Grey-purple/grey quartz feldspar porphyry dyke. Tan/grey at contacts with granodiorite. Upper contact is sharp @70 TCA.							
						MD	GY	PO				
						MD	PU					
188.88	189.24	0.36	BXA	MG	Polymictic contact breccia. Fine grained silicified/choloritized granodiorite matrix. Sand to pebble sized clasts of dyke. Well preserved segments of brecciated or ripped up smokey quartz vein hosting blebby galena, sphalerite and pyrite.							
								BX			Py	1
											Gn	1
											Sp	1
189.24	189.43	0.19	GRD	MG	Moderately silicified, moderate propyllitic/weak phyllic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	GN		PRO	3I		
						LT	GN		PHC	2I		
189.43	189.90	0.47	BXA	--	Polymictic breccia. Grey to smokey quartz matrix, sub-angular to sub-rounded, sand to pebble sized clasts of weak to moderate phyllic granodiorite, weak argillic granodiorite, grey-green dyke clasts, grey quartz/pyrite vein and smokey quartz vein hosting blebby pyrite, sphalerite and galena.							
								BX			Py	2
											Sp	2
											Gn	2
189.90	190.60	0.70	GRD	MG	Weak phyllic/argillic altered granodiorite with patchy propyllitic alteration and patchy weak potassic alteration.							
						MD	PK		POT	2I		
						LT	GN	PA	PHC	2I		
						LT	WH		ARG	2I		
						DK	GN		PRO	2I		
190.60	193.93	3.33	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. Moderate potassic /propyllitic alteration with patchy argillic alteration adjacent to breccia.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		POT	3I		
						MD	PK		PRO	2I		
						LT	WH		PRO	3I		
						DK	GN		POT	2I		
									ARG	2I		
									SIL	3I		
193.93	194.32	0.39	BXA	--	Smokey quartz breccia hosting disseminated pyrite. Sub-angular to sub-rounded, sand to cobble sized phyllic granodiorite clasts.							
								BX			Py	1
194.32	197.18	2.86	GRD	MG	Weak to moderate phyllic altered granodiorite with patchy weak potassic overprinted argillic alteration.							
						MD	GN		PHC	3I		
						MD	PK		POT	2I		
						LT	GN		PHC	2I		
						LT	WH		ARG	3I		
197.18	209.40	12.22	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small phyllic envelopes around quartz veining.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.04	9.20	5.16	GRD	MG	Moderately pervasive oxidized granodiorite with patchy moderate argillic alteration. Strong oxidization along fracture surfaces. Oxidation partially masks primary textures.							
									ARG	3I		
						MD	BN		OXI	3I		
9.20	10.00	0.80	QFP	FG	Rubbly and fractured quartz feldspar porphyry dyke with pervasive silicification and hydrothermal oxidation on fracture surfaces.							
									HYD	3I		
								RB	SIL	2I		
						MD	BN	FR	OXI	3I		
10.00	30.20	20.20	GRD	MG	Semi-pervasively oxidize granodiorite with patchy moderate argillic alteration. Cut by a few orange brown gouge zones, typically 1-3cm wide. Trace goethite on fracture surfaces. Oxidized carbonate veinlets with a 3m spacing.							
						MD	OR		ARG	3I		
						MD	BN		OXI	3I		
30.20	41.15	10.95	GRD	MG	Granodiorite with patchy argillic/phyllic related to occasional quartz/carbonate veins. Moderate oxidation is semi-pervasive from fractures. Few orange-brown gouge zone, typically 1-2cm wide.							
									PHC	2I		
						MD	BN		OXI	3I		
						LT	GN		ARG	2I		
41.15	47.55	6.40	GRD	MG	Weak to moderate phyllic altered granodiorite with moderate oxidation along fracture surfaces. Hosts multiple quartz/pyrite +/- carbonate veins. Moderately silicified phyllic envelopes around veins.							
						LT	GN		OXI	3I		
						MD	GN		PHC	2I		
						MD	OR		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
47.55	99.72	52.17	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. ~1 carbonate veinlet per meter. Moderate to weakly oxidized fracture surfaces. Oxidation intensity decreases with depth.							
									PRO	2I		
						MD	PK		POT	2I		
						DK	GN		PRO	1I		
									OXI	2I		
									OXI	3I		
						MD	GY		POT	1I		
99.72	178.30	78.58	GRD	MG	Trace to weak potassic/propyllitic overprinted granodiorite.							
						MD	GY		POT	1I		
						DK	GN		PRO	1I		
									PRO	2I		
						MD	PK		POT	2I		
178.30	178.94	0.64	GRD	MG	Weak to moderately phyllic altered granodiorite with patchy weak argillic alteration.							
						LT	GN	PA	PHC	2I		
						MD	GN		PHC	3I		
						LT	WH		ARG	2I		
178.94	179.21	0.27	BXA	--	Polymictic black quartz breccia. Sub-angular to sub-rounded, sand to cobble sized clasts of phyllic granodiorite, light green dyke and smokey quartz vein hosting disseminated pyrite, arsenopyrite and galena. Quartz matrix hosts disseminated pyrite.							
											As	0.1
								BX			Py	1
											Gn	0.1
179.21	179.33	0.12	GRD	MG	Moderate to strong phyllic altered granodiorite hosting disseminated pyrite.							
						LT	GN		PHC	3I	Py	1
						MD	GN		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
179.33	179.80	0.47	BXA	--	Smokey quartz polymictic breccia. Sand to pebble sized clasts of sub-angular to sub-rounded phyllic granodiorite, white carbonate and quartz/pyrite vein and smokey quartz vein hosting disseminated to blebby pyrite, galena and sphalerite. Quartz matrix hosts disseminated pyrite and arsenopyrite.							
								BX			Py	2
											As	1
											Gn	1
											Sp	1
180.60	182.65	2.05	GRD	MG	Weak to moderate potassic/propyllitic altered granodiorite.							
									PRO	3I		
						DK	GN		POT	3I		
						MD	GY		POT	2I		
						MD	PK		PRO	2I		
182.65	183.08	0.43	BXA	--	Polymictic clast-supported(?) contact breccia. Smokey quartz matrix. Sub-angular to sub-rounded, sand to pebble sized clast of phyllic granodiorite, tan-grey quartz feldspar porphyry dyke and smokey quartz vein hosting blebby galena, pyrite and sphalerite. Breccia is cross-cut by a white carbonate veinlet.							
											Sp	1
								BX			Py	1
											Gn	1
183.08	188.88	5.80	QFP	FG	Grey-purple/grey quartz feldspar porphyry dyke. Tan/grey at contacts with granodiorite. Upper contact is sharp @70 TCA.							
						MD	PU					
						MD	GY	PO				
188.88	189.24	0.36	BXA	--	Polymictic contact breccia. Fine grained silicified/choloritized granodiorite matrix. Sand to pebble sized clasts of dyke. Well preserved segments of brecciated or ripped up smokey quartz vein hosting blebby galena, sphalerite and pyrite.							
								BX			Py	1
											Sp	1
											Gn	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
189.24	189.43	0.19	GRD	MG	Moderately silicified, moderate propyllitic/weak phyllic altered granodiorite.							
						MD	GY		SIL	3I		
						MD	GN		PRO	3I		
						LT	GN		PHC	2I		
189.43	189.90	0.47	BXA	--	Polymictic breccia. Grey to smokey quartz matrix, sub-angular to sub-rounded, sand to pebble sized clasts of weak to moderate phyllic granodiorite, weak argillic granodiorite, grey-green dyke clasts, grey quartz/pyrite vein and smokey quartz vein hosting blebby pyrite, sphalerite and galena.							
								BX			Py	2
											Gn	2
											Sp	2
189.90	190.60	0.70	GRD	MG	Weak phyllic/argillic altered granodiorite with patchy propyllitic alteration and patchy weak potassic alteration.							
						MD	PK		POT	2I		
						LT	WH		ARG	2I		
						LT	GN	PA	PHC	2I		
						DK	GN		PRO	2I		
190.60	193.93	3.33	GRD	MG	Moderately silicified, weak potassic/propyllitic altered granodiorite. Moderate potassic /propyllitic alteration with patchy argillic alteration adjacent to breccia.							
									ARG	2I		
						MD	GY		POT	3I		
									SIL	3I		
						LT	WH		PRO	3I		
						MD	PK		PRO	2I		
						DK	GN		POT	2I		
193.93	194.32	0.39	BXA	--	Smokey quartz breccia hosting disseminated pyrite. Sub-angular to sub-rounded, sand to cobble sized phyllic granodiorite clasts.							
								BX			Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
194.32	197.18	2.86	GRD	MG	Weak to moderate phyllic altered granodiorite with patchy weak potassic overprinted argillic alteration.							
						LT	GN		PHC	2I		
						MD	GN		PHC	3I		
						MD	PK		POT	2I		
						LT	WH		ARG	3I		
197.18	209.40	12.22	GRD	MG	Weak potassic/propyllitic altered granodiorite. Moderately silicified. Small phyllic envelopes around quartz veining.							
						MD	PK		PRO	2I		
						MD	GY		SIL	3I		
						DK	GN		POT	2I		

KL-14-236

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.04	4.04	0	0	0.00	0	--	--	--	
4.04	5.18	1.14	1.14	100	0.60	53	--	2H	4W	
5.18	8.23	3.05	1.77	58	1.04	34	--	2H	4W	
8.23	11.28	3.05	0.62	20	0.00	0	--	1H	4W	
11.28	14.33	3.05	2.39	78	1.02	33	--	1H	4W	
14.33	17.37	3.04	2.82	93	1.75	58	--	2H	4W	
17.37	20.42	3.05	2.85	93	2.02	66	--	2H	4W	
20.42	23.47	3.05	2.62	86	1.40	46	--	2H	4W	
23.47	26.52	3.05	2.71	89	2.25	74	--	2H	4W	
26.52	29.57	3.05	2.72	89	2.26	74	--	3H	3W	
29.57	32.61	3.04	2.69	88	2.34	77	--	2H	4W	
32.61	35.66	3.05	2.82	92	2.44	80	--	2H	4W	
35.66	38.71	3.05	2.76	90	2.65	87	--	3H	3W	
38.71	41.76	3.05	2.58	85	1.97	65	--	2H	3W	
41.76	44.81	3.05	2.82	92	2.04	67	--	3H	3W	
44.81	47.85	3.04	2.83	93	2.11	69	--	2H	3W	
47.85	50.90	3.05	2.96	97	2.77	91	--	3H	3W	
50.90	53.95	3.05	2.95	97	2.16	71	--	3H	3W	
53.95	57.00	3.05	2.91	95	2.57	84	--	4H	3W	
57.00	60.05	3.05	2.88	94	2.61	86	--	4H	3W	
60.05	63.09	3.04	2.95	97	2.68	88	--	4H	2W	
63.09	66.14	3.05	2.9	95	2.65	87	--	4H	2W	
66.14	69.19	3.05	2.91	95	1.97	65	--	3H	2W	
69.19	72.24	3.05	3	98	2.94	96	--	4H	2W	
72.24	75.29	3.05	2.96	97	2.65	87	--	4H	2W	
75.29	78.33	3.04	2.99	98	2.43	80	--	3H	2W	
78.33	81.38	3.05	2.95	97	2.42	79	--	4H	2W	
81.38	84.43	3.05	2.98	98	1.82	60	--	3H	2W	
84.43	87.48	3.05	2.91	95	2.27	74	--	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.89	95	2.20	72	--	4H	1W	
90.53	93.57	3.04	2.99	98	2.44	80	--	4H	2W	
93.57	96.62	3.05	3.05	100	2.50	82	--	4H	3W	
96.62	99.67	3.05	3.05	100	2.63	86	--	4H	2W	
99.67	102.72	3.05	3.02	99	2.14	70	--	4H	2W	
102.72	105.77	3.05	3.03	99	2.56	84	--	5H	2W	
105.77	108.81	3.04	3.04	100	2.55	84	--	4H	3W	
108.81	111.86	3.05	3.05	100	2.54	83	--	4H	1W	
111.86	114.91	3.05	3	98	2.45	80	--	4H	2W	
114.91	117.96	3.05	3.05	100	2.60	85	--	4H	2W	
117.96	121.01	3.05	3	98	2.58	85	--	3H	1W	
121.01	124.05	3.04	3.04	100	2.59	85	--	5H	2W	
124.05	127.10	3.05	3.05	100	2.58	85	--	4H	2W	
127.10	130.15	3.05	3.02	99	2.82	92	--	4H	1W	
130.15	133.20	3.05	3.02	99	2.49	82	--	4H	2W	
133.20	136.25	3.05	3.05	100	2.96	97	--	4H	1W	
136.25	139.29	3.04	2.96	97	2.84	93	--	5H	1W	
139.29	142.34	3.05	3.05	100	2.97	97	--	4H	1W	
142.34	145.39	3.05	3.04	100	2.82	92	--	4H	2W	
145.39	148.44	3.05	2.95	97	2.86	94	--	5H	1W	
148.44	151.49	3.05	3.05	100	2.93	96	--	4H	1W	
151.49	154.53	3.04	3.04	100	3.04	100	--	4H	1W	
154.53	157.58	3.05	3.05	100	3.04	100	--	5H	1W	
157.58	160.63	3.05	2.91	95	2.72	89	--	4H	2W	
160.63	163.68	3.05	3.05	100	2.80	92	--	3H	2W	
163.68	166.73	3.05	3	98	2.84	93	--	3H	1W	
166.73	169.77	3.04	3.01	99	2.70	89	--	3H	2W	
169.77	172.82	3.05	2.9	95	2.19	72	--	4H	2W	
172.82	175.87	3.05	2.96	97	2.71	89	--	4H	2W	
175.87	178.92	3.05	3.02	99	2.73	90	--	4H	1W	
178.92	181.97	3.05	3.05	100	2.22	73	--	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	2.97	98	1.60	53	--	3H	2W	
185.01	188.06	3.05	3.04	100	2.49	82	--	4H	1W	
188.06	191.11	3.05	3.05	100	2.30	75	--	3H	1W	
191.11	194.16	3.05	3.02	99	2.73	90	--	4H	1W	
194.16	197.21	3.05	3.05	100	2.05	67	--	3H	1W	
197.21	200.25	3.04	3.04	100	2.03	67	--	4H	1W	
200.25	203.30	3.05	3.05	100	3.05	100	--	4H	1W	
203.30	206.35	3.05	3.04	100	2.53	83	--	4H	1W	
206.35	209.40	3.05	3.01	99	2.87	94	--	4H	1W	E.O.H.

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
4	21.2	CAS	
5	0.668	GRD	
6	2.77	GRD	
7	0.516	GRD	
8	0.237	GRD	
9	0.151	GRD	
12	0.294	GRD	
13	0.255	GRD	
14	0.355	GRD	
15	0.192	GRD	
16	0.15	GRD	
17	0.204	GRD	
18	0.335	GRD	
19	0.216	GRD	
20	0.535	GRD	
21	0.198	GRD	
22	0.282	GRD	
23	0.464	GRD	
24	0.353	GRD	
25	0.269	GRD	
26	0.162	GRD	
27	0.212	GRD	
28	0.15	GRD	
29	0.38	GRD	
30	0.18	GRD	
31	0.97	GRD	
32	0.28	GRD	
33	0.478	GRD	
34	0.277	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
35	0.224	GRD	
36	0.288	GRD	
37	0.278	GRD	
38	0.34	GRD	
39	0.297	GRD	
40	0.502	GRD	
41	0.197	GRD	
42	0.377	GRD	
43	0.258	GRD	
44	0.288	GRD	
45	0.304	GRD	
46	0.246	GRD	
47	0.322	GRD	
48	8.823	GRD	
49	0.322	GRD	
50	0.326	GRD	
51	0.426	GRD	
52	0.356	GRD	
53	9.589	GRD	
54	0.716	GRD	
55	1.29	GRD	
56	0.679	GRD	
57	14.26	GRD	
58	7.498	GRD	
59	18.76	GRD	
60	17.38	GRD	
61	6.786	GRD	
62	5.314	GRD	
63	0.671	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
64	19.74	GRD	
65	18.91	GRD	
66	14.9	GRD	
67	0.437	GRD	
68	14.14	GRD	
69	14.31	GRD	
70	20.63	GRD	
71	19.89	GRD	
72	17.63	GRD	
73	16.83	GRD	
74	10.24	GRD	
75	2.24	GRD	
76	18.69	GRD	
77	20.37	GRD	
78	14.59	GRD	
79	0.653	GRD	
80	20.92	GRD	
81	19.32	GRD	
82	3.369	GRD	
83	18.83	GRD	
84	20.23	GRD	
85	19.53	GRD	
86	21.12	GRD	
87	20.83	GRD	
88	21.21	GRD	
89	19.39	GRD	
90	10.96	GRD	
91	3.618	GRD	
92	0.434	GRD	
93	0.281	GRD	
94	0.531	GRD	
95	3.921	GRD	
96	19.27	GRD	
97	13	GRD	
98	18.23	GRD	
99	18.5	GRD	
100	18.07	GRD	
101	19.05	GRD	
102	22.07	GRD	
103	21.95	GRD	
104	18.85	GRD	
105	14.54	GRD	
106	21.26	GRD	
107	9.35	GRD	
108	0.478	GRD	
109	20.758	GRD	
110	19.54	GRD	
111	19.5	GRD	
112	19.69	GRD	
113	21.32	GRD	
114	20.05	GRD	
115	20.43	GRD	
116	14.76	GRD	
117	1.906	GRD	
118	13.46	GRD	
119	16.19	GRD	
120	19.59	GRD	
121	19.68	GRD	
122	11.01	GRD	
123	19.17	GRD	
124	0.364	GRD	
125	5.395	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
126	19.44	GRD	
127	20.92	GRD	
128	11.08	GRD	
129	19.87	GRD	
130	22.04	GRD	
131	19.33	GRD	
132	21.85	GRD	
133	21.86	GRD	
134	21.32	GRD	
135	22.72	GRD	
136	20.01	GRD	
137	20.78	GRD	
138	21.9	GRD	
139	19.56	GRD	
140	17.36	GRD	
141	21.58	GRD	
142	22.27	GRD	
143	18.01	GRD	
144	0.529	GRD	
145	17.64	GRD	
146	21.68	GRD	
147	20.76	GRD	
148	20.64	GRD	
149	19.37	GRD	
150	21.08	GRD	
151	21.6	GRD	
152	20.24	GRD	
153	19.28	GRD	
154	0.672	GRD	
155	22.76	GRD	
156	2.234	GRD	
157	19.32	GRD	
158	15.18	GRD	
159	3.121	GRD	
160	0.648	GRD	
161	0.388	GRD	
162	0.344	GRD	
163	0.761	GRD	
164	3.345	GRD	
165	13.24	GRD	
166	0.54	GRD	
167	0.434	GRD	
168	0.238	GRD	
169	5.046	GRD	
170	1.779	GRD	
171	0.352	GRD	
172	0.56	GRD	
173	4.476	GRD	
174	0.412	GRD	
175	25.32	GRD	
176	20.28	GRD	
177	4.761	GRD	
178	0.434	GRD	
179	0.355	BXA	
180	0.313	GRD	
181	7.869	GRD	
182	0.564	GRD	
183	0.261	BXA	
184	0.268	QFP	
185	0.225	QFP	
186	0.214	QFP	
187	0.199	QFP	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
188	0.341	QFP	
189	0.309	BXA	
190	0.31	GRD	
191	8.766	GRD	
192	19.05	GRD	
193	1.471	GRD	
194	0.315	BXA	
195	0.246	GRD	
196	0.176	GRD	
197	1.386	GRD	
198	17.16	GRD	
199	0.478	GRD	
200	16.79	GRD	
201	0.817	GRD	
202	17.52	GRD	
203	16.78	GRD	
204	5.293	GRD	
205	14.01	GRD	
206	20.69	GRD	
207	23.03	GRD	
208	1.797	GRD	
209	0.45	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		382149	6890440	1316.04	194.16

ZONE: Tech

SECTION:

HOLE: KL-14-237

CLAIM:

Contractor: Platinum

Drill: 2

Core Size: HQ

Casing Depth:

Drilling Dates: -

Geology Logged By: D. Walsh

SURVEY			
Depth (m)	Azimuth	Dip	Method
11.27	34.9	-49.4	Reflex
194.15	38.7	-49.9	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	1.16	1.16	CAS
1.16	9.5	8.34	OVB
9.5	29.4	19.9	GRD
29.4	73.04	43.64	GRD
73.04	73.69	0.65	BXA
73.69	74.36	0.67	GRD
74.36	78.36	4	QFP
78.36	96.96	18.6	GRD
96.96	105.88	8.92	GRD
105.88	109.65	3.77	GRD
109.65	182.71	73.06	GRD
182.71	194.16	11.45	GRD

SAMPLES	
Numbers:	Q934526 to Q934535, Q935217 to Q935239
Total:	45
Batch:	204, 205, 666, D01
Certificates:	WH14132986, WH14132989, WH14135054

COMMENTS

Box Log

KL-14-237

Klaza Tech Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	1.16	3.52
2	3.52	7.52
3	7.52	11.04
4	11.04	14.07
5	14.07	17.37
6	17.37	20.56
7	20.56	23.73
8	23.73	27.08
9	27.08	30.39
10	30.39	33.43
11	33.43	36.64
12	36.64	39.93
13	39.93	43
14	43	45.86
15	45.86	48.95
16	48.95	51.69
17	51.69	54.53
18	54.53	57.45
19	57.45	60.67
20	60.67	63.65
21	63.65	66.75
22	66.75	69.7
23	69.7	72.7
24	72.7	75.65
25	75.65	78.95
26	78.95	81.39
27	81.39	84.6
28	84.6	88
29	88	90.9
30	90.9	94.34
31	94.34	96.96
32	96.96	100.2
33	100.2	102.82
34	102.82	106.23
35	106.23	109.25
36	109.25	111.86
37	111.86	114.91
38	114.91	118.08
39	118.08	121.1
40	121.1	124.3
41	124.3	127.35
42	127.35	130.5
43	130.5	133.79
44	133.79	137.27
45	137.27	140.39
46	140.39	143.5
47	143.5	146.78
48	146.78	149.9
49	149.9	153.33
50	153.33	156.39
51	156.39	159.56
52	159.56	162.83
53	162.83	165.89
54	165.89	169.17
55	169.17	172.3
56	172.3	175.45
57	175.45	178.83
58	178.83	182.07
59	182.07	185.18
60	185.18	188.07
61	188.07	191.11
62	191.11	193.03
63	193.03	194.16

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-237									
	37.29	12.3	HQ	GRD	1053	658.7	2.93	2.7	Pervasively oxidized moderate phyllic/silicified granodiorite.
	77.8	10.6	HQ	QFP	902.3	557.7	2.91	2.6	Light grey/green quartz feldspar porphyry dyke.
	87.14	12.3	HQ	GRD	1067.9	670.1	2.97	2.7	Moderately silicified, weak potassic/propyllitic altered granodiorite.
	102.96	11.5	HQ	GRD	982.3	619.2	2.92	2.7	Black quartz polymictic breccia with propyllitic/silicified, phyllic, potassic/propyllitic altered granodiorite clasts. Hosts disseminated pyrite.
	108.18	12.8	HQ	GRD	1085.1	678.8	2.9	2.7	Moderately phyllic altered granodiorite with weak argillic alteration.
	122.08	9.8	HQ	GRD	877.4	550.9	3.06	2.7	Moderately silicified, trace potassic/propyllitic altered granodiorite.
	144.5	7.3	HQ	GRD	594.7	373.4	2.79	2.7	Trace potassic/propyllitic altered granodiorite.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	160.21	18.5	HQ	GRD	1867.7	1290.3	3.45	3.2	Two stage vein. Stage 1 is a slow cooling quartz vein hosting disseminated to blebby pyrite and magnetite. Quartz crystals exhibit comb texture and are well formed (up to 2cm in length). Sporadic quartz crystals are colored purple (amethyst?). Vein has brecciated a few phyllic granodiorite clasts. Stage 2, upper 1/3 of the vein is cut by a 5cm cream ankerite vein that hosts concentrated patches of disseminated arsenopyrite and trace amounts of disseminated pyrite. Ankerite infill's vugs between crystals in quartz vein. Ankerite has blebs or clasts(?) of grey quartz.
	184.5	14.5	HQ	GRD	1212.4	771.7	2.86	2.8	Moderately phyllic altered granodiorite hosting irregularly banded quartz/ankerite/chlorite veins up to 1cm.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.16	9.50	8.34	OVB	--	Light to medium brown overburden. Sporadic pebble to cobble sized granodiorite clasts. Top 30 cm are dark brown and organic rich.							
						MD	BN					
						LT	BN					
9.50	29.40	19.90	GRD	MG	Pervasively oxidized, strongly weathered, rubbly and incompetent (mushy) argillic altered granodiorite. Most primary rock textures have been obliterated. Small competent patches of oxidized silicified phyllic alteration with proximal semi-competent argillic alteration.							
						MD	BN	PA	ARG	3I		
						LT	BN	RB	OXI	3I		
						LT	WH					
29.40	30.95	1.55	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate to weak oxidation along fracture surfaces. Oxidation decreases with depth.							
						MD	GY		OXI	2I		
						MD	PK		POT	1I		
						MD	OR		PRO	1I		
						DK	GN		OXI	3I		
30.95	40.89	9.94	GRD	MG	Pervasively strongly oxidized, moderately silicified phyllic altered granodiorite with small patches of argillic alteration. Oxidation obscures rock textures. Oxide staining and goethite along fracture surfaces. Heavily fractured.							
						MD	OR	PA	PHC	3I		
						MD	GN	FR	ARG	3I		
									OXI	4I		
									OXI	3I		
40.89	45.19	4.30	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate to weak oxidation along fracture surfaces. Oxidation decreases with depth.							
						MD	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		PRO	1I		
						MD	GY		OXI	2I		
						DK	GN		OXI	3I		
45.19	47.12	1.93	GRD	MG	Pervasively strongly oxidized, moderately silicified phyllic altered granodiorite. Oxidation obscures rock textures. Oxide staining and goethite along fracture surfaces.							
						MD	OR		PHC	3I		
						MD	GN		OXI	4I		
									OXI	3I		
47.12	49.34	2.22	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate to weak oxidation along fracture surfaces. Oxidation decreases with depth.							
						MD	GY		OXI	2I		
						MD	PK		POT	1I		
						MD	OR		PRO	1I		
						DK	GN		OXI	3I		
49.34	51.53	2.19	GRD	MG	Pervasively oxidized phyllic altered granodiorite with rubbly oxidized, hematized and gouge altered argillic alteration in the center.							
						MD	OR	RB	PHC	3I		
						MD	GN		HEM	2I		
						LT	WH					
						DK	RD		ARG	3I		
51.53	56.36	4.83	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate to weak oxidation along fracture surfaces. Oxidation decreases with depth.							
						MD	PK		POT	1I		
						MD	OR		PRO	1I		
						MD	GY		OXI	2I		
						DK	GN		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
56.36	58.00	1.64	GRD	MG	Pervasively strongly oxidized, moderately silicified phyllic altered granodiorite with small patches of argillic alteration. Oxidation obscures rock textures. Oxide staining and goethite along fracture surfaces.							
						MD	OR		PHC	3I		
						MD	GN		ARG	3I		
									OXI	4I		
									OXI	3I		
58.00	67.05	9.05	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate to weak oxidation along fracture surfaces. Oxidation decreases with depth.							
						MD	GY		OXI	2I		
						MD	PK		POT	1I		
						MD	OR		PRO	1I		
						DK	GN		OXI	3I		
67.05	69.23	2.18	GRD	MG	Alternating patches of weak potassic/propyllitic altered granodiorite, moderate potassic/propyllitic alteration and moderate phyllic/propyllitic alteration. Patchy pervasive oxidization. Hosts a oxidized breccia.							
						MD	PK	PA	OXI	3I		
						MD	OR		PRO	2I		
						MD	GY		POT	3I		
						LT	GN		POT	2I		
						DK	GN		OXI	4I		
									PHC	3I		
									PRO	3I		
69.23	73.04	3.81	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate to weak oxidation along fracture surfaces. Oxidation decreases with depth.							
						MD	GY		OXI	2I		
						MD	PK		POT	1I		
						MD	OR		PRO	1I		
						DK	GN		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
73.04	73.69	0.65	BXA	--	Multiphase polymictic breccia. Up to two initial breccia phases with grey quartz brecciating propyllitic/silicified granodiorite, argillic granodiorite, light grey to green dyke and smokey quartz/pyrite vein. Clasts are sub-angular to sub-rounded and sand to cobble in size. The third(?) phase is a lighter grey quartz matrix along the upper selvedge with sand to pebble sized clasts of light grey/green dyke, phyllic/argillic granodiorite and smokey quartz/pyrite vein. The final (4th?) stage is a black quartz breccia, that brecciates the contact between phase 2 and 3. has sand to pebble, sub-angular to sub-rounded sized casts of light grey/green dyke, argillic granodiorite, phyllic/propyllitic granodiorite and smokey quartz/pyrite vein. Black quartz matrix hosts trace disseminated pyrite.							
								BX			Py	0.1
73.69	74.36	0.67	GRD	MG	Patchy silicified propyllitic/potassic alteration and potassic overprinted argillic alteration.							
						MD	GY	PA	SIL	3I		
						MD	PK		POT	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
74.36	78.36	4.00	QFP	FG	Light grey/green quartz feldspar porphyry dyke. Medium to dark purple at contacts. Moderate oxidation along fractured and patchy pervasive oxidation. Contacts are undulating, no angles.							
						MD	OR	PO	OXI	3I		
						LT	GY					
						LT	GN					
						DK	PU					
78.36	93.57	15.21	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures.							
						MD	GY		SIL	3I		
						MD	PK		POT	1I		
						MD	OR		OXI	3I		
						DK	GN		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	1I		
									PRO	2I		
93.57	96.00	2.43	GRD	MG	Two black breccias with small moderate phyllic envelopes transitioning to distal potassic overprinted argillic alteration distally from breccias.							
						MD	PK		ARG	3I		
						LT	GN	EN	PHC	3I		
						LT	WH		POT	3I		
96.96	105.88	8.92	GRD	MG	Moderately silicified, trace to weak potassic/propyllitic altered granodiorite. Small phyllic envelopes around black breccia veins. ~1 per two meters.							
						MD	GY		SIL	3I		
						MD	PK		POT	2I		
						LT	GN		PRO	1I		
						DK	GN		POT	1I		
									PRO	2I		
105.88	109.65	3.77	GRD	MG	Moderate phyllic altered granodiorite with patchy potassic/propyllitic overprinted moderate-weak argillic alteration.							
						MD	PK		POT	2I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	2I		
						DK	GN		PRO	3I		
									ARG	3I		
109.65	154.43	44.78	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	1I		
						DK	GN		PRO	2I		
									POT	1I		
									SIL	3I		
155.18	160.00	4.82	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK		PRO	1I		
						DK	GN		PRO	2I		
									POT	1I		
									SIL	3I		
160.00	160.52	0.52	GRD	MG	Moderately silicified, moderate to strongly phyllic envelope with patchy propyllitic alteration around polymetallic quartz. Carbonate vein.							
						MD	GY		PRO	3I		
						MD	GN		PHC	4I		
						LT	GN	EN	PHC	3I		
									SIL	3I		
160.52	161.19	0.67	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	1I		
						DK	GN		PRO	2I		
									POT	1I		
									SIL	3I		
161.19	163.09	1.90	GRD	MG	Moderately phyllic/propyllitic envelope around a grey-dark grey quartz breccia. Phyllic/propyllitic alteration transitions to potassic overprinted argillic alteration distally form breccia.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
163.09	179.67	16.58	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	1I		
						DK	GN		PRO	2I		
									POT	1I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
179.67	180.44	0.77	GRD	MG	Moderately phyllic/propyllitic envelope around a quartz/carbonate/pyrite. Phyllic/propyllitic alteration transitions to potassic overprinted argillic alteration distally form vein.							
						MD	PK		POT	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	3I		
180.44	182.71	2.27	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	GY		POT	2I		
						MD	PK		PRO	1I		
						DK	GN		PRO	2I		
									POT	1I		
									SIL	3I		
182.71	194.16	11.45	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration, silicified propyllitic alteration and moderately silicified, weak potassic/propyllitic alteration.							
						MD	PK	PA	POT	2I		
						MD	GY		SIL	3I		
						LT	GN		PHC	3I		
						LT	WH		ARG	3I		
						DK	GN		PRO	2I		
									PRO	3I		

KL-14-237

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
1.16	9.50	8.34	OVB	--	Light to medium brown overburden. Sporadic pebble to cobble sized granodiorite clasts. Top 30 cm are dark brown and organic rich.							
						LT	BN					
						MD	BN					
9.50	29.40	19.90	GRD	MG	Pervasively oxidized, strongly weathered, rubbly and incompetent (mushy) argillic altered granodiorite. Most primary rock textures have been obliterated. Small competent patches of oxidized silicified phyllic alteration with proximal semi-competent argillic alteration.							
						LT	WH					
						MD	BN	PA	ARG	3I		
						LT	BN	RB	OXI	3I		
29.40	73.04	43.64	GRD	MG	Trace potassic/propyllitic altered granodiorite. Moderate to weak oxidation along fracture surfaces. Oxidation decreases with depth.							
						MD	GY		OXI	2I		
						DK	GN		OXI	3I		
						MD	PK		POT	1I		
						MD	OR		PRO	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
73.04	73.69	0.65	BXA	--	Multiphase polymictic breccia. Up to two initial breccia phases with grey quartz brecciating propyllitic/silicified granodiorite, argillic granodiorite, light grey to green dyke and smokey quartz/pyrite vein. Clasts are sub-angular to sub-rounded and sand to cobble in size. The third(?) phase is a lighter grey quartz matrix along the upper selvedge with sand to pebble sized clasts of light grey/green dyke, phyllic/argillic granodiorite and smokey quartz/pyrite vein. The final (4th?) stage is a black quartz breccia, that brecciates the contact between phase 2 and 3. has sand to pebble, sub-angular to sub-rounded sized casts of light grey/green dyke, argillic granodiorite, phyllic/propyllitic granodiorite and smokey quartz/pyrite vein. Black quartz matrix hosts trace disseminated pyrite.							
								BX			Py	0.1
73.69	74.36	0.67	GRD	MG	Patchy silicified propyllitic/potassic alteration and potassic overprinted argillic alteration.							
						LT	WH		ARG	3I		
						MD	GY	PA	SIL	3I		
						MD	PK		POT	3I		
						DK	GN		PRO	3I		
74.36	78.36	4.00	QFP	FG	Light grey/green quartz feldspar porphyry dyke. Medium to dark purple at contacts. Moderate oxidation along fractured and patchy pervasive oxidation. Contacts are undulating, no angles.							
						DK	PU					
						LT	GY					
						LT	GN					
						MD	OR	PO	OXI	3I		
78.36	96.96	18.60	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified. Moderately oxidized along fractures.							
									PRO	1I		
						DK	GN		POT	2I		
						MD	PK		POT	1I		
									PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR		OXI	3I		
						MD	GY		SIL	3I		
96.96	105.88	8.92	GRD	MG	Moderately silicified, trace to weak potassic/propyllitic altered granodiorite. Small phyllic envelopes around black breccia veins. ~1 per two meters.							
									PRO	2I		
						LT	GN		PRO	1I		
						MD	PK		POT	2I		
						DK	GN		POT	1I		
						MD	GY		SIL	3I		
105.88	109.65	3.77	GRD	MG	Moderate phyllic altered granodiorite with patchy potassic/propyllitic overprinted moderate-weak argillic alteration.							
						MD	PK		POT	2I		
									ARG	3I		
						DK	GN		PRO	3I		
						LT	GN	PA	PHC	3I		
						LT	WH		ARG	2I		
109.65	182.71	73.06	GRD	MG	Trace to weak potassic/propyllitic altered granodiorite. Moderately silicified.							
						MD	PK		PRO	1I		
									SIL	3I		
						DK	GN		PRO	2I		
						MD	GY		POT	2I		
									POT	1I		
182.71	194.16	11.45	GRD	MG	Alternating patches of potassic/propyllitic overprinted argillic alteration, silicified propyllitic alteration and moderately silicified, weak potassic/propyllitic alteration.							
						LT	WH		ARG	3I		
						LT	GN		PHC	3I		
						MD	PK	PA	POT	2I		
						DK	GN		PRO	2I		
						MD	GY		SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	3I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.16	1.16	0	0	0.00	0	--	--	--	
1.16	2.13	0.97	0.74	76	0.00	0	--	1H	5W	
2.13	5.18	3.05	1.82	60	0.00	0	--	1H	5W	
5.18	8.23	3.05	2.25	74	0.00	0	--	1H	5W	
8.23	11.28	3.05	1.61	53	0.00	0	--	1H	5W	
11.28	14.33	3.05	2.8	92	0.00	0	--	2H	4W	
14.33	17.37	3.04	2.19	72	0.00	0	--	1H	5W	
17.37	20.42	3.05	1.68	55	0.00	0	--	1H	5W	
20.42	23.47	3.05	2.33	76	0.15	5	--	2H	4W	
23.47	26.52	3.05	1.96	64	0.13	4	--	2H	4W	
26.52	29.57	3.05	1.94	64	0.00	0	--	2H	5W	
29.57	32.61	3.04	2.49	82	1.11	37	--	3H	3W	
32.61	35.66	3.05	2	66	0.56	18	--	3H	3W	
35.66	38.71	3.05	2.5	82	1.58	52	--	3H	3W	
38.71	41.76	3.05	2.87	94	2.05	67	--	3H	3W	
41.76	44.81	3.05	2.81	92	1.43	47	--	3H	3W	
44.81	47.85	3.04	2.92	96	1.99	65	--	3H	3W	
47.85	50.90	3.05	2.6	85	1.61	53	--	3H	3W	
50.90	53.95	3.05	2.93	96	1.38	45	--	3H	3W	
53.95	57.00	3.05	2.96	97	1.83	60	--	3H	3W	
57.00	60.05	3.05	2.7	89	1.86	61	--	4H	3W	
60.05	63.09	3.04	3.04	100	1.83	60	--	4H	3W	
63.09	66.14	3.05	2.64	87	1.92	63	--	3H	3W	
66.14	69.19	3.05	3.03	99	1.85	61	--	3H	3W	
69.19	72.24	3.05	3.05	100	2.42	79	--	4H	3W	
72.24	75.29	3.05	3.03	99	2.35	77	--	3H	3W	
75.29	78.33	3.04	2.81	92	2.32	76	--	3H	3W	
78.33	81.38	3.05	3.05	100	2.61	86	--	4H	3W	
81.38	84.43	3.05	2.71	89	2.30	75	--	3H	3W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
84.43	87.48	3.05	2.84	93	1.71	56	--	4H	2W	
87.48	90.53	3.05	3.05	100	3.05	100	--	4H	2W	
90.53	93.57	3.04	2.72	89	2.40	79	--	5H	2W	
93.57	96.62	3.05	3.05	100	2.19	72	--	3H	3W	
96.62	99.67	3.05	3.03	99	2.59	85	--	4H	2W	
99.67	102.72	3.05	3.05	100	2.54	83	--	4H	2W	
102.72	105.77	3.05	2.86	94	2.14	70	--	4H	2W	
105.77	108.81	3.04	2.77	91	1.80	59	--	4H	2W	
108.81	111.86	3.05	3.05	100	1.58	52	--	4H	3W	
111.86	114.91	3.05	3.05	100	2.69	88	--	5H	2W	
114.91	117.96	3.05	3.01	99	2.56	84	--	4H	2W	
117.96	121.01	3.05	3.05	100	2.56	84	--	5H	1W	
121.01	124.05	3.04	3.04	100	2.30	76	--	4H	1W	
124.05	127.10	3.05	3.01	99	1.50	49	--	4H	2W	
127.10	130.15	3.05	3.05	100	2.42	79	--	4H	1W	
130.15	133.20	3.05	3.02	99	2.83	93	--	4H	1W	
133.20	136.25	3.05	2.86	94	2.08	68	--	5H	1W	
136.25	139.29	3.04	3.04	100	2.22	73	--	5H	1W	
139.29	142.34	3.05	3.05	100	2.22	73	--	4H	1W	
142.34	145.39	3.05	2.92	96	1.80	59	--	4H	1W	
145.39	148.44	3.05	3.05	100	2.27	74	--	5H	1W	
148.44	151.49	3.05	2.93	96	2.51	82	--	5H	1W	
151.49	154.53	3.04	3.04	100	2.61	86	--	5H	1W	
154.53	157.58	3.05	3.05	100	2.67	88	--	4H	1W	
157.58	160.63	3.05	3.04	100	2.70	89	--	4H	1W	
160.63	163.68	3.05	2.81	92	1.95	64	--	4H	1W	
163.68	166.73	3.05	3.05	100	2.29	75	--	4H	1W	
166.73	169.77	3.04	3.03	100	2.51	83	--	4H	1W	
169.77	172.82	3.05	2.97	97	2.06	68	--	5H	1W	
172.82	175.87	3.05	3.05	100	2.50	82	--	5H	1W	
175.87	178.92	3.05	2.95	97	2.15	70	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
178.92	181.97	3.05	2.99	98	2.43	80	--	4H	1W	
181.97	185.01	3.04	2.61	86	1.00	33	--	3H	1W	
185.01	188.06	3.05	2.55	84	0.48	16	--	3H	1W	
188.06	191.11	3.05	2.28	75	0.81	27	--	3H	1W	
191.11	194.16	3.05	3.05	100	0.53	17	--	3H	1W	E.O.H.

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
12	0.701	GRD	
13	1.767	GRD	
14	8.445	GRD	
17	0.583	GRD	
22	0.93	GRD	
23	8.845	GRD	
29	0.579	GRD	
30	6.382	GRD	
31	0.319	GRD	
32	0.185	GRD	
33	0.364	GRD	
34	4.788	GRD	
35	0.292	GRD	
36	0.207	GRD	
37	0.237	GRD	
38	0.151	GRD	
39	0.141	GRD	
40	0.384	GRD	
41	6.863	GRD	
42	9.951	GRD	
43	11.02	GRD	
44	16.32	GRD	
45	5.525	GRD	
46	0.306	GRD	
47	0.312	GRD	
48	3.956	GRD	
49	11.55	GRD	
51	0.394	GRD	
52	11.15	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
53	3.307	GRD	
54	6.386	GRD	
55	0.774	GRD	
56	0.915	GRD	
57	0.42	GRD	
58	0.671	GRD	
59	16.31	GRD	
60	12.82	GRD	
61	2.426	GRD	
62	3.977	GRD	
63	12.1	GRD	
64	0.351	GRD	
65	2.827	GRD	
66	0.363	GRD	
67	1.534	GRD	
68	0.363	GRD	
69	0.379	GRD	
70	0.334	GRD	
71	14.53	GRD	
72	0.566	GRD	
73	0.326	GRD	
74	0.368	GRD	
75	0.173	QFP	
76	0.25	QFP	
77	0.354	QFP	
78	0.369	QFP	
79	3.794	GRD	
80	0.735	GRD	
81	14.59	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
82	17.9	GRD	
83	1.746	GRD	
84	0.512	GRD	
85	19.44	GRD	
86	19.54	GRD	
87	17.33	GRD	
88	17.94	GRD	
89	12.9	GRD	
90	18.1	GRD	
91	14.5	GRD	
92	19.9	GRD	
93	18.2	GRD	
94	0.483	GRD	
95	0.465	GRD	
96	14.22	GRD	
97	20.1	GRD	
98	2.91	GRD	
99	0.98	GRD	
100	15.38	GRD	
101	0.887	GRD	
102	18.6	GRD	
103	0.366	GRD	
104	14	GRD	
105	0.84	GRD	
106	0.279	GRD	
107	0.307	GRD	
108	0.223	GRD	
109	0.265	GRD	
110	8.74	GRD	
111	21.9	GRD	
112	8.4	GRD	
113	20.5	GRD	
114	19.6	GRD	
115	24.2	GRD	
116	27.5	GRD	
117	0.714	GRD	
118	25.9	GRD	
119	19.7	GRD	
120	20.6	GRD	
121	8.53	GRD	
122	7.2	GRD	
123	23	GRD	
124	15	GRD	
125	0.585	GRD	
126	4.15	GRD	
127	0.881	GRD	
128	23.8	GRD	
129	24.4	GRD	
130	19.5	GRD	
131	0.462	GRD	
132	20.3	GRD	
133	19.6	GRD	
134	19.1	GRD	
135	20.9	GRD	
136	21	GRD	
137	21.2	GRD	
138	22.1	GRD	
139	20.6	GRD	
140	22.1	GRD	
141	17.9	GRD	
142	4.49	GRD	
143	21.5	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
144	24.3	GRD	
145	27.2	GRD	
146	22.6	GRD	
147	20.6	GRD	
148	17.1	GRD	
149	22.4	GRD	
150	13.8	GRD	
151	20.64	GRD	
152	20.9	GRD	
153	21.1	GRD	
154	20.4	GRD	
155	0.387	GRD	
156	17.9	GRD	
157	17	GRD	
158	23.2	GRD	
159	17.3	GRD	
160	1.4	GRD	
161	6.22	GRD	
162	0.24	GRD	
163	0.624	GRD	
164	11.1	GRD	
165	9.13	GRD	
166	19.9	GRD	
167	16.8	GRD	
168	17.2	GRD	
169	0.906	GRD	
170	19.4	GRD	
171	19.4	GRD	
172	19.7	GRD	
173	20.1	GRD	
174	22.7	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
175	22.1	GRD	
176	17.4	GRD	
177	11.2	GRD	
178	19.8	GRD	
179	18.1	GRD	
180	0.733	GRD	
181	20.5	GRD	
182	2.97	GRD	
183	11.5	GRD	
184	0.797	GRD	
185	0.419	GRD	
186	0.399	GRD	
187	16.51	GRD	
188	5.83	GRD	
189	2.42	GRD	
190	2.3	GRD	
191	0.392	GRD	
192	0.349	GRD	
193	0.507	GRD	
194	1.03	GRD	

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381574	6889675	1285.25	559.92

ZONE: Western BRX

SECTION:

HOLE: KL-14-238

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth:

Drilling Dates: - Sep 01, 2014

Geology Logged By: T. Cruz

SURVEY			
Depth (m)	Azimuth	Dip	Method
56.99	27.4	-52.3	Reflex
559.91	41.9	-49.7	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	20.7	20.7	CAS
20.7	46.95	26.25	GRD
46.95	50.63	3.68	GRD
50.63	65.8	15.17	GRD
65.8	82.85	17.05	GRD
82.85	83.15	0.3	BXA
83.15	87.72	4.57	QFP
87.72	90.31	2.59	GRD
90.31	90.64	0.33	BXA
90.64	95.97	5.33	GRD
95.97	108.91	12.94	GRD
108.91	115.49	6.58	GRD
115.49	121.25	5.76	QFP
121.25	124.58	3.33	GRD
124.58	142.03	17.45	GRD
142.03	160.83	18.8	GRD

SAMPLES	
Numbers:	Q933674 to Q933700, Q934701 to Q934772, Q934862 to Q934887
Total:	133
Batch:	201, 202, 203, 206, 209
Certificates:	WH14119708, WH14131119, WH14132987, WH14134310, WH14135057

COMMENTS

160.83	178.8	17.97	GRD
178.8	204.32	25.52	GRD
204.32	206.26	1.94	GRD
206.26	227.8	21.54	GRD
227.8	230.11	2.31	GRD
230.11	299.81	69.7	GRD
299.81	311.05	11.24	GRD
311.05	356.46	45.41	GRD
356.46	391.64	35.18	GRD
391.64	415.38	23.74	GRD
415.38	421.91	6.53	GRD
421.91	425.22	3.31	GRD
425.22	430.96	5.74	GRD
430.96	451.07	20.11	GRD
451.07	460.42	9.35	GRD
460.42	492.68	32.26	GRD
492.68	495.31	2.63	QFP
495.31	502.47	7.16	GRD
502.47	504.85	2.38	GRD
504.85	505.59	0.74	QFP
505.59	507.01	1.42	GRD
507.01	511.69	4.68	GRD
511.69	513.39	1.7	QFP
513.39	513.98	0.59	GRD
513.98	517.63	3.65	QFP
517.63	519.58	1.95	GRD
519.58	520.79	1.21	VEN
520.79	522.6	1.81	GRD
522.6	528.67	6.07	GRD
528.67	530.07	1.4	GRD
530.07	545.57	15.5	GRD
545.57	559.92	14.35	GRD

Box Log

KL-14-238

Klaza
estern BRX Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	20.7	23.3
2	23.3	26.1
3	26.1	29.15
4	29.15	32.25
5	32.25	35.2
6	35.2	38.71
7	38.71	41.55
8	41.55	44.45
9	44.45	47.35
10	47.35	50.7
11	50.7	53.95
12	53.95	57.25
13	57.25	60.5
14	60.5	63.45
15	63.45	66.55
16	66.55	69.8
17	69.8	72.9
18	72.9	76.05
19	76.05	79.25
20	79.25	82.35
21	82.35	85.3
22	85.3	88.5
23	88.5	91.6
24	91.6	94.8
25	94.8	98.01
26	98.01	101.17
27	101.17	103.96
28	103.96	107.03
29	107.03	109.75
30	109.75	112.98
31	112.98	115.8
32	115.8	118.9
33	118.9	122.15
34	122.15	125.3
35	125.3	128.15
36	128.15	131.45
37	131.45	134.25
38	134.25	137.15
39	137.15	139.95
40	139.95	142.95
41	142.95	145.9
42	145.9	148.8
43	148.8	151.8
44	151.8	154.8
45	154.8	157.9
46	157.9	161.01
47	161.01	164.1
48	164.1	167.25
49	167.25	170.15
50	170.15	173.3
51	173.3	176.2
52	176.2	179.05
53	179.05	181.97
54	181.97	185.01
55	185.01	188.06
56	188.06	190.54
57	190.54	193.38
58	193.38	196.41
59	196.41	199.55
60	199.55	202.65
61	202.65	205.95
62	205.95	209.15
63	209.15	212.15
64	212.15	215.25
65	215.25	218
66	218	221.1
67	221.1	224.35
68	224.35	227.4
69	227.4	229.95
70	229.95	232.61
71	232.61	235.77
72	235.77	238.93
73	238.93	242.14
74	242.14	244.86
75	244.86	248.07
76	248.07	250.96
77	250.96	254.1
78	254.1	257
79	257	260.12
80	260.12	263.05
81	263.05	266.1
82	266.1	269.05
83	269.05	272.11
84	272.11	275.25
85	275.25	278.2
86	278.2	281.35
87	281.35	284.2
88	284.2	287.55
89	287.55	290.55
90	290.55	293.35

Box Number	From (m)	To (m)
91	293.35	296.46
92	296.46	299.56
93	299.56	302.73
94	302.73	305.88
95	305.88	308.95
96	308.95	312.13
97	312.13	315.25
98	315.25	318.47
99	318.47	321.7
100	321.7	324.85
101	324.85	328.05
102	328.05	331.25
103	331.25	334.37
104	334.37	337.5
105	337.5	340.7
106	340.7	343.9
107	343.9	347.15
108	347.15	350.2
109	350.2	353.15
110	353.15	356.25
111	356.25	359.4
112	359.4	362.6
113	362.6	364.65
114	364.65	367.65
115	367.65	371.95
116	371.95	375.05
117	375.05	377.8
118	377.8	380.95
119	380.95	384.24
120	384.24	387.39
121	387.39	390.51
122	390.51	393.77
123	393.77	396.93
124	396.93	400.14
125	400.14	403.38
126	403.38	406.55
127	406.55	409.75
128	409.75	412.9
129	412.9	416
130	416	419.15
131	419.15	422.25
132	422.25	425.45
133	425.45	428.55
134	428.55	431.67
135	431.67	434.95
136	434.95	438.12
137	438.12	441.23
138	441.23	444.35
139	444.35	447.26
140	447.26	450.27
141	450.27	453.24
142	453.24	456.41
143	456.41	459.33
144	459.33	462.38
145	462.38	465.55
146	465.55	468.75
147	468.75	471.35
148	471.35	474.6
149	474.6	477.7
150	477.7	480.8
151	480.8	484
152	484	487.25
153	487.25	490.3
154	490.3	493.35
155	493.35	496.33
156	496.33	499.6
157	499.6	502.55
158	502.55	505.4
159	505.4	508.3
160	508.3	511.4
161	511.4	514.41
162	514.41	517.34
163	517.34	520.45
164	520.45	523.45
165	523.45	526.69
166	526.69	529.98
167	529.98	532.9
168	532.9	536.15
169	536.15	539.3
170	539.3	542.45
171	542.45	545.65
172	545.65	548.65
173	548.65	551.84
174	551.84	554.59
175	554.59	557.7
176	557.7	559.92

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-238									
	210.77	8.5	HQ	GRD	636.6	393.3	2.56	2.6	Medium pink aplite dyke.
	289.35	12.4	HQ	GRD	1083.5	674.3	2.99	2.7	Argillized and potassic altered granodiorite with moderate hematite overprint.
	503.43	8	HQ	GRD	827.3	534.5	3.54	2.8	Phyllic altered BRX zone halo with disseminated pyrite and quartz-pyrite veinlets.
	513.4	13.6	HQ	GRD	1195.3	766	3.01	2.8	Granodiorite brecciated by smoky quartz with disseminated-blebby pyrite.
	519.66	14.2	HQ	VEN	1712.8		4.13		Part of main BRX vein. Quartz with semi-massive pyrite, disseminated jamesonite, and blebby sphalerite.
	519.85	18.7	HQ	VEN	2701.2		4.94		Banded massive sulphides and carbonate in BRX vein.
	520.45	17.6	HQ	VEN	2234.2		4.34		Banded massive sulphide section of BRX vein.
	520.7	16.6	HQ	VEN	1378.6		2.84		White carbonate breccia adjacent to BRX vein.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
20.70	46.95	26.25	GRD	MG	Moderate-strong pervasively oxidized granodiorite with patch argillic. Oxidation is strongest on fractures, but pervasive through entire recovery. Frequent orange-brown gouge sections. Recovery is generally crumbled-rubbly, with approximately 40% gouge.							
						MD	OR	FR	ARG	2I	Go	1
						DK	BN	RB	OXI	4I	Li	3
46.95	50.63	3.68	GRD	MG	Semi-pervasive moderate oxidation, radiating outward from fractures. Brown oxide staining is most intense on fractures. Cut by quartz-carbonate veins +/- disseminated pyrite. Phyllic overprints patchy argillic alteration, with trace patchy potassic. Oxidation intensity decreases with depth.							
						MD	BN		PHC	3I		
						LT	GN	PA	OXI	3I		
						LT	PK		ARG	2I		
									POT	1I		
50.63	64.18	13.55	GRD	MG	Very similar to previous, but lacks semi-pervasive oxidation. Oxidation is limited to fractures, but can be intense where fractures are close together. Weakly brecciated by medium grey wispy crackle brecciation.							
						MD	BN		PHC	3I		
						LT	GN	BX	OXI	1I		
									POT	1I		
									ARG	2I		
64.18	65.80	1.62	GRD	MG	Argillic with trace phyllic and potassic overprints. Trace oxidation on fractures.							
						LT	GN		PHC	1I		
						LT	WH		OXI	1I		
						LT	PK		ARG	3I		
									POT	1I		
65.80	70.81	5.01	GRD	MG	Fresh granodiorite.							
						MD	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
70.81	73.82	3.01	GRD	MG	Argillic-dominated vein halos with narrow phyllic and patchy potassic. Veins are cream-white quartz-carbonate.							
						LT	WH		ARG	2I		
						LT	GN		PHC	1I		
						LT	PK		POT	2I		
73.82	76.77	2.95	GRD	MG	Fresh granodiorite.							
						MD	GY					
76.77	78.45	1.68	GRD	MG	Patchy distal argillic and proximal phyllic envelopes, on white carbonate/white-smoky quartz veins.							
						LT	WH		ARG	2I		
						LT	PK		POT	1I		
						LT	GN		PHC	1I		
78.45	81.09	2.64	GRD	MG	Trace propylitic altered fresh granodiorite. Cut by few white carbonate veinlets/stringers.							
						MD	GY		PRO	1I		
						MD	GN					
81.09	82.85	1.76	GRD	MG	Weak propylitic altered granodiorite with trace potassic overprint.							
						MD	GN		PRO	2I		
						MD	PK		POT	1I		
82.85	83.15	0.30	BXA	FG	Contact breccia between granodiorite and quartz feldspar porphyry dyke. Light-medium green quartz feldspar porphyry dyke matrix supports granule-sized granodiorite clasts. Weak clay along cracks and contacts. 65 TCA bottom contact with quartz feldspar porphyry dyke.							
						MD	GN	BX	PRO	2I		
						LT	GN		CLY	2I		
83.15	87.72	4.57	QFP	FG	Medium green quartz feldspar porphyry dyke with fine-grained ~35% altered phenocrysts. 30 TCA sharp bottom contact. Cut by locally netted white carbonate stringers.							
						MD	GN	PO	HYD	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
87.72	90.31	2.59	GRD	MG	Locally mottled green-pink granodiorite with pervasive propylitic and potassic alteration. Patchy quartz eyes from silicification. Cut by white carbonate stringers. Gouged contact with breccia.							
						MD	GN	MO	SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		
90.31	90.64	0.33	BXA	FG	White-cream quartz-carbonate cemented breccia with pebbly phyllic granodiorite clasts. Gouged at contacts with granodiorite. Trace pyrite in crosscutting quartz-pyrite stringers.							
						LT	GN	BX	SIL	3I	Py	0.1
									CLY	1I		
									PHC	3I		
90.64	92.28	1.64	GRD	MG	Granodiorite with patchy overprinting phyllic-argillic vein envelopes and intermittent propylitic. Patchy potassicc overprints propylitic and argillic.							
						MD	GN	BX	PHC	3I		
						MD	PK		PRO	2I		
						LT	GN	PA	SIL	1I		
									ARG	2I		
									POT	1I		
92.28	92.55	0.27	BXA	FG	Phyllic granodiorite brecciated by greenish quartz. Clast-supported. Clasts are sub-angular, granule/pebbly, and poorly sorted.							
						MD	GN		SIL	3I		
									PHC	2I		
92.55	95.97	3.42	GRD	MG	Granodiorite with patchy overprinting phyllic-argillic vein envelopes and intermittent propylitic. Patchy potassicc overprints propylitic and argillic. Black tourmaline at 94.90m.							
						MD	GN		PHC	3I		
						MD	PK		PRO	2I		
						LT	GN	PA	SIL	1I	To	0.1
									ARG	2I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
95.97	98.93	2.96	GRD	MG	Fractured granodiorite with weak propylitic and patchy trace potassic. Weak-trace green sericite on fractures. Cut by and white carbonate stringers.							
						MD	GY	FR	PRO	2I		
						MD	GN		POT	1I		
						LT	PK		SER	1I		
98.93	100.01	1.08	GRD	MG	Argillic carbonate-quartz vein halo overprinted by propylitic and potassic.							
						MD	GN		POT	2I		
						LT	WH		ARG	3I		
						LT	PK		PRO	2I		
100.01	103.96	3.95	GRD	MG	Fractured granodiorite with weak propylitic and patchy trace potassic. Weak-trace green sericite on fractures. Cut by and white carbonate stringers.							
						MD	GY	FR	PRO	2I		
						MD	GN		POT	1I		
						LT	PK		SER	1I		
103.96	104.60	0.64	GRD	MG	Weak pervasive clay altered phyllic-argillic halo on few quartz-carbonate veins.							
									PHC	2I		
									ARG	2I		
									CLY	1I		
104.60	108.91	4.31	GRD	MG	Fractured granodiorite with weak propylitic and patchy trace potassic. Weak-trace green sericite on fractures. Cut by local phyllic-argillic vein halos and white carbonate stringers.							
						MD	GY		ARG	3I		
						MD	GN		PRO	2I		
						LT	PK		POT	2I		
108.91	115.49	6.58	GRD	MG	Faulted phyllic/clay altered granodiorite with patchy potassic. Pervasive clay alteration with several gouge zones. Cut by white-grey quartz carbonate veins.							
						LT	GN		POT	1I		
						LT	WH		PHC	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									CLY	3I		
115.49	120.50	5.01	QFP	FG	Crackle fractured quartz feldspar porphyry dyke with pervasive moderate hydrothermal and weak silicificiation. Clay alteration along fractures. Gouged top contact with granodiorite.							
						LT	TN	PO	SIL	1I		
						LT	GY	FR	HYD	3I		
									CLY	3I		
120.50	120.72	0.22	QFP	FG	Gouged contact between two different coloured quartz feldspar porphyry dykes.							
						MD	GY		CLY	4I	Py	0.1
						LT	GY					
120.72	121.25	0.53	QFP	FG	Light grey quartz feldspar porphyry dyke with low phenocryst content.							
						LT	GY		SIL	2I		
									HYD	4I		
									CLY	2I		
121.25	124.58	3.33	GRD	MG	Strong pervasive phyllic altered granodiorite with semi-pervasive clay alteration along fractures near quartz feldspar porphyry dyke contact. Gouged light grey quartz-pyrite veins near contact.							
						MD	GY		CLY	3I		
						LT	GN		PHC	4I	Py	1
124.58	132.89	8.31	GRD	MG	Pervasive strong phyllic vein envelopes with patchy moderate argililc. Weak-moderate clay alteration along fractures. Fractures often crackle core. Cut by grey quartz-white carbonate veins/stringers.							
						LT	GN	SH	SIL	2I		
						LT	WH		PHC	4I		
									ARG	3I		
									CLY	2I		
132.89	134.41	1.52	GRD	MG	Moderate pervasive silicified and phyllic altered granodiorite with fine red hematite along stringers.							
						LT	RD		SIL	3I	He	1
						LT	GN		PHC	3I		
									HEM	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
134.41	142.03	7.62	GRD	MG	Pervasive strong phyllic vein envelopes with patchy moderate argililc. Weak-moderate clay alteration along fractures. Fractures often crackle core. Cut by grey quartz-white carbonate veins/stringers.							
						LT	GN	SH	SIL	2I		
						LT	WH		PHC	4I		
									ARG	3I		
									CLY	2I		
142.03	160.83	18.80	GRD	MG	Pervasive phyllic and silicified granodiorite with patchy argillic and propylitic. Silicification manifests as white quartz eyes. Trace clay alteration on fractures and in few gouge zones. Cut by quartz-carbonate +/- hematite +/- pyrite at 3-5 per metre frequency.							
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	3I		
									ARG	2I		
									CLY	1I		
									PRO	2I		
160.83	164.97	4.14	GRD	MG	Granodiorite with moderate-strong pervasive silicification and densely netted dark green chlorite veins/stringers. Patchy weak hematization, focused on fractures. Silicification tends to whiten granodiorite groundmass.							
						MD	RD		CHL	4I		
						LT	WH		SIL	4I		
						DK	GN	NE	SIL	3I		
									HEM	2I		
164.97	166.41	1.44	GRD	MG	Short patch where proximal phyllic and distal argillic vein envelopes have removed chlorite, leaving textures intact but changing original colours. Potassic overprints argillic.							
						LT	PK		PHC	2I		
						LT	GN		SIL	2I		
									ARG	3I		
									POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
166.41	173.35	6.94	GRD	MG	Granodiorite with moderate-strong pervasive silicification and densely netted dark green chlorite veins/stringers. Silicification tends to whiten granodiorite groundmass.							
						LT	WH		SIL	4I		
						DK	GN	NE	SIL	3I		
									CHL	4I		
173.35	175.57	2.22	GRD	MG	Short patch where proximal phyllic and distal argillic vein envelopes have removed chlorite, leaving textures intact but changing original colours. Potassic overprints argillic.							
						LT	PK		PHC	2I		
						LT	GN		SIL	2I		
									CLY	1I		
									POT	1I		
									ARG	2I		
175.57	178.80	3.23	GRD	MG	Granodiorite with moderate-strong pervasive silicification and densely netted dark green chlorite veins/stringers. Patchy weak hematization, focused on fractures. Silicification tends to whiten granodiorite groundmass.							
						LT	GN		SIL	2I		
						LT	PK		PHC	2I		
									ARG	3I		
									POT	1I		
178.80	193.94	15.14	GRD	MG	Propylitic altered granodiorite with strong-intense silicification. Patchy primary texture obliteration. Weak remaining propylitic and trace potassic along stringers. Cut by hematite-chlorite-carbonate stringers. Fractured, with light green sericite on fractures. Occasional hematization and slickensides on fractures.							
						MD	GY	FR	SIL	5I		
						DK	GN		SIL	4I		
									PRO	2I		
									SER	1I		
									POT	1I		
193.94	194.07	0.13	GRD	MG	Faulted and silicified granodiorite, with phyllic and hematite alteration related to fault. Cut by netted white carbonate stringers. Sericite and hematite on slickensides. Primary textures obscured by silicification.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	RD		PHC	2I		
						LT	GN	SH	SIL	4I		
									HEM	2I		
									SER	1I		
194.07	204.32	10.25	GRD	MG	Propylitic altered granodiorite with moderate silicification. Patchy primary texture obliteration. Weak remaining propylitic and trace potassic along stringers. Cut by hematite-chlorite-carbonate stringers. Fractured, with light green sericite on fractures. Occasional hematization and slickensides on fractures.							
						MD	GY	FR	SIL	3I		
						DK	GN		POT	1I		
									PRO	2I		
									SER	1I		
204.32	206.26	1.94	GRD	MG	Argillic-dominated envelope on quartz-carbonate veins. Trace potassic halos on thin closed fractures. Patchy propylitic overprint.							
						LT	GN		SIL	2I		
						LT	PK		ARG	2I		
									PRO	2I		
									POT	1I		
206.26	223.51	17.25	GRD	MG	Pervasive silicified granodiorite with patchy argillic, propylitic, and vein/fracture-associated hematization and potassic alteration. Hematization on fractures, which are sometimes slickensides. Cut by pink aplite dykes. Argillic is strongest in dyke halos, while potassic dominates carbonate veinlets/stringer halos. Brittle fracturing due to silicification.							
						MD	GY	PA	SIL	3I		
						MD	PK	FR	ARG	2I		
						MD	GN		POT	2I		
									HEM	1I		
									PRO	2I		
223.51	224.00	0.49	APL	VF	Pink aplite dyke with netted closed fractures.							
						MD	PK	AN	SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
224.00	227.80	3.80	GRD	MG	Pervasive silicified granodiorite with patchy argillic, propylitic, and vein/fracture-associated hematization and potassic alteration. Hematization on fractures, which are sometimes slickensides. Cut by pink aplite dykes. Argillic is strongest in dyke halos, while potassic dominates carbonate veinlets/stringer halos. Brittle fracturing due to silicification.							
						MD	GY	PA	SIL	3I		
						MD	PK	FR	ARG	2I		
						MD	GN		POT	2I		
									HEM	1I		
									PRO	2I		
227.80	230.11	2.31	GRD	MG	Argillic-dominated envelope on quartz-carbonate veins. Trace potassic halos on thin closed fractures. Patchy propylitic overprint.							
						LT	GN		SIL	2I		
						LT	PK		POT	1I		
									ARG	2I		
									PRO	2I		
230.11	247.21	17.10	GRD	MG	Pervasive silicified granodiorite with patchy argillic, propylitic, and vein/fracture-associated hematization and potassic alteration. Hematization on fractures, which are sometimes slickensides. Cut by pink aplite dykes. Argillic is strongest in dyke halos, while potassic dominates carbonate veinlets/stringer halos. Brittle fracturing due to silicification.							
						MD	GY	PA	SIL	3I		
						MD	PK	FR	ARG	2I		
						MD	GN		POT	2I		
									HEM	1I		
									PRO	2I		
247.21	247.77	0.56	APL	VF	Medium pink aplite dyke.							
						MD	PK	AN	SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
247.77	254.10	6.33	GRD	MG	Pervasive silicified granodiorite with patchy argillic, propylitic, and vein/fracture-associated hematization and potassic alteration. Hematization on fractures, which are sometimes slickensides. Cut by pink aplite dykes. Argillic is strongest in dyke halos, while potassic dominates carbonate veinlets/stringer halos. Brittle fracturing due to silicification.							
						MD	GY	PA	SIL	3I		
						MD	PK	FR	ARG	2I		
						MD	GN		POT	2I		
									HEM	1I		
									PRO	2I		
254.10	254.75	0.65	GRD	MG	Granodiorite with weak pervasive argillic and phyllic overprint. Cut by pair of white quartz veins.							
						LT	GN		ARG	2I		
						LT	WH		PHC	2I		
254.75	288.75	34.00	GRD	MG	Pervasive silicified granodiorite with patchy argillic, propylitic, and vein/fracture-associated hematization and potassic alteration. Hematization on fractures, which are sometimes slickensides. Cut by pink aplite dykes. Argillic is strongest in dyke halos, while potassic dominates carbonate veinlets/stringer halos. Brittle fracturing due to silicification.							
						MD	GN		POT	2I		
						MD	GY		SIL	3I		
						MD	PK		ARG	2I		
									HEM	1I		
									PRO	2I		
288.75	290.19	1.44	GRD	MG	Argillic altered granodiorite overprinted by trace potassic and moderate hematization, givein rock a bright pink-red colour.							
						MD	PK		ARG	2I		
						MD	RD		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									HEM	3I		
290.19	299.81	9.62	GRD	MG	Pervasive silicified granodiorite with patchy argillic, propylitic, and vein/fracture-associated hematization and potassic alteration. Hematization on fractures, which are sometimes slickensides. Cut by pink aplite dykes. Argillic is strongest in dyke halos, while potassic dominates carbonate veinlets/stringer halos. Brittle fracturing due to silicification.							
						MD	PK		ARG	2I		
						MD	GY		SIL	3I		
						MD	GN		PRO	2I		
									HEM	1I		
									POT	2I		
299.81	304.96	5.15	GRD	MG	Weakly faulted granodiorite with slickensides on many fractures, typically accompanied by clay and hematization. Patchy moderate argillic and trace potassic overprint. Potassic is a pale pink, while hematization is a medium pink-red. Patchy propylitic overprint. Clay on fractures.							
						MD	GY	PA	ARG	3I		
						MD	RD	FR	CLY	1I		
									HEM	2I		
									PRO	2I		
									POT	1I		
304.96	305.46	0.50	GRD	MG	Pervasively gouged granodiorite with red hematization.							
						MD	RD	FR	CLY	3I		
						LT	GN		HEM	3I		
305.46	311.05	5.59	GRD	MG	Weakly faulted granodiorite with slickensides on many fractures, typically accompanied by clay and hematization. Patchy moderate argillic and trace potassic overprint limited to fracture halos. Potassic is a pale pink, while hematization is a medium pink-red. Patchy propylitic overprint. Clay on fractures.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	RD	PA	ARG	2I		
						MD	GN	FR	PRO	2I		
									CLY	2I		
									POT	1I		
									HEM	1I		
311.05	314.41	3.36	GRD	MG	Fresh granodiorite with semi-pervasive propylitic and weak potassic in vein/fracture halos.							
						MD	GY	PA	SIL	2I		
									PRO	2I		
									POT	2I		
314.41	318.72	4.31	GRD	MG	Proximal phyllic and distal argillic vein envelopes with patchy potassic overprint. Veins are banded white-smoky quartz-carbonate +/- disseminated pyrite.							
						MD	GN	PA	ARG	2I		
						LT	GN	EN	PHC	3I	Py	0.1
									POT	1I		
318.72	333.73	15.01	GRD	MG	Fresh granodiorite with semi-pervasive propylitic and weak potassic in vein/fracture halos.							
						MD	GY	PA	SIL	2I		
									PRO	2I		
									POT	2I		
333.73	337.21	3.48	GRD	MG	Proximal phyllic and distal argillic vein envelopes with patchy potassic overprint. Veins are banded white-smoky quartz-carbonate +/- disseminated pyrite.							
						MD	GN	PA				
						LT	GN	EN			Py	0.1
337.21	356.46	19.25	GRD	MG	Fresh granodiorite with semi-pervasive propylitic and weak potassic in vein/fracture halos.							
						MD	GY	PA	SIL	2I		
									PRO	2I		
									POT	2I		
356.46	366.32	9.86	GRD	MG	Pervasive weak-moderate propylitic and moderately silicified granodiorite. Cut by quartz-carbonate veins with proximal phyllic/distal argillic veins and fractures with potassic halos.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PA	SIL	3I		
						MD	RD		ARG	1I		
						LT	GN		PHC	2I		
									POT	2I		
									PRO	2I		
									HEM	2I		
366.32	368.88	2.56	GRD	MG	Faulted granodiorite cut by aplite dykes, netted chlorite, clay seams, and quartz-hematite veins/crackle breccia. Trace epidote in clay altered zone.							
						MD	RD	SH	CLY	3I	Ep	0.1
						MD	GN	NE	HEM	3I		
									CHL	2I		
									PHC	2I		
368.88	391.64	22.76	GRD	MG	Pervasive weak-moderate propylitic and moderately silicified granodiorite. Cut by quartz-carbonate veins with proximal phyllic/distal argillic veins and fractures with potassic halos. Hematization around weakly faulted section at 367.32-368.88m.							
						MD	GY	PA	SIL	3I		
						MD	RD		ARG	1I		
						LT	GN		PHC	2I		
									POT	2I		
									HEM	2I		
									PRO	2I		
391.64	415.38	23.74	GRD	MG	Fresh granodiorite with patchy trace propylitic, semi-pervasive weak silicification, and potassic vein envelopes. Mafic xenoliths are cobble-sized.							
						MD	GY		SIL	2I		
						LT	PK		PRO	1I		
									POT	1I		
415.38	416.66	1.28	GRD	MG	Phyllic and clay altered granodiorite with netted white-cream carbonate veinlets.							
						LT	GN	NE	PHC	3I		
									CLY	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
416.66	421.91	5.25	GRD	MG	Wide patch of phyllic and propylitic alteration cut by massive green quartz-chlorite brecciating white quartz vein, aplite dyke brecciated by netted chlorite stringers, and silicified cream-tan carbonate-pyrite-hematite vein brecciated by green chlorite-carbonate.							
						MD	GN		PRO	1I		
						LT	GN	BX	CLY	1I		
									PHC	2I		
421.91	425.22	3.31	GRD	MG	Granodiorite with pervasive weak silicification, propylitic, and vein-/fracture-associated potassic.							
						MD	GN		SIL	2I		
						LT	PK		PRO	2I		
									POT	1I		
425.22	430.96	5.74	GRD	MG	Granodiorite with vein-associated phyllic and argillic. Patchy propylitic. Moderate-weak potassic overprints propylitic and argillic. Cut by maroon quartz feldspar porphyry dyke dyke and carbonate veins.							
						MD	PK	MO	PHC	3I		
						LT	GN	PA	POT	2I		
									PRO	1I		
									ARG	2I		
430.96	451.07	20.11	GRD	MG	Patchy trace propylitic, vein-associated potassic, and semi-pervasive weak silicification. Cut by few white carbonate veins.							
						MD	GY	PA	SIL	2I		
						MD	GN		PRO	1I		
									POT	1I		
451.07	460.42	9.35	GRD	MG	Moderately chloritized and weakly clay altered faulted granodiorite. Many slickensides on joints with chlorite and hematite.							
						MD	GN	SH	CLY	2I		
						LT	GN		CHL	3I		
									HEM	1I		
460.42	478.57	18.15	GRD	MG	Fresh granodiorite with patchy propylitic, chlorite/hematite on some fractures, and phyllic envelopes on quartz-carbonate veins.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY		PHC	1I		
						LT	GN		PRO	1I		
									CHL	1I		
									HEM	1I		
478.57	479.67	1.10	GRD	MG	Phyllic envelope on quartz-carbonate +/- pyrite veins. Weak pervasive silicification.							
						LT	GN		SIL	2I	Py	0.1
									PHC	2I		
479.67	481.64	1.97	GRD	MG	Fresh granodiorite with patchy propylitic, chlorite/hematite on some fractures, and phyllic envelopes on quartz-carbonate veins.							
						MD	GY	PA	PHC	1I		
						LT	GN		PRO	1I		
									HEM	1I		
									CHL	1I		
481.64	482.79	1.15	GRD	MG	Phyllic envelope on quartz-carbonate +/- pyrite veins. Weak pervasive silicification.							
						LT	GN		SIL	2I	Py	0.1
									PHC	2I		
482.79	485.65	2.86	GRD	MG	Fresh granodiorite with patchy propylitic, chlorite/hematite on some fractures, and phyllic envelopes on quartz-carbonate veins.							
						MD	GN	PA	PHC	1I		
						LT	GN		PRO	1I		
									CHL	1I		
									HEM	1I		
485.65	487.54	1.89	GRD	MG	Phyllic envelope on quartz-carbonate +/- pyrite veins. Weak pervasive silicification.							
						LT	GN		SIL	2I	Py	0.1
									PHC	2I		
487.54	492.68	5.14	GRD	MG	Fresh granodiorite with patchy propylitic, chlorite/hematite on some fractures, and phyllic envelopes on quartz-carbonate veins.							
						MD	GN	PA	PHC	1I		
						LT	GN		PRO	1I		
									CHL	1I		
									HEM	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
492.68	495.31	2.63	QFP	FG	Light tan-green quartz feldspar porphyry dyke with clear quartz eyes and green altered phenocrysts. Cut by white carbonate veinlets. Pervasive silicification and hydrothermal alteration. Sharp chilled 70 TCA bottom contact. Sharp chilled rubbly top contact.							
						LT	TN	PO	SIL	1I		
						LT	GN		HYD	2I		
495.31	502.47	7.16	GRD	MG	Propylitic altered granodiorite with phyllic near upper quartz feldspar porphyry dyke contact. Potassic alteration is vein-associated. Cut by quartz-pyrite veinlets with chlorite selvedges.							
						MD	GN		SIL	2I	Py	0.1
						MD	GY		PHC	2I		
						LT	PK		PRO	3I		
									POT	1I		
502.47	504.28	1.81	GRD	MG	Hanging wall vein zone with strong pervasive phyllic and moderate pervasive silicification. Local strong silicification. Cut by milky-grey massive quartz veins with blebby-disseminated pyrite. Pyrite-quartz stringers common. Disseminated jamesonite in prominent vein.							
						LT	GN		SIL	3I	Py	3
						LT	GY		PHC	4I	Jm	0.1
504.28	504.73	0.45	VEN	CG	Massive milky white quartz veins with blebby to semi-massive pyrite and blebby arsenopyrite. Crosscut by smoky quartz-pyrite stringers.							
						LT	WH		SIL	5I	Py	4
						LT	GY		PHC	3I	As	1
504.73	504.85	0.12	BXA	FG	Medium grey quartz breccia at granodiorite-quartz feldspar porphyry dyke contact. Also minor white carbonate crackle breccia (of phyllic granodiorite).							
						MD	GY	BX	SIL	5I	Py	2
504.85	505.59	0.74	QFP	FG	Light green quartz feldspar porphyry dyke with pervasive hydrothermal alteration and silicification. Sharp 30 TCA top contact and gouged lower contact.							
						LT	GN	PO	SIL	2I	Py	2
									HYD	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
505.59	507.01	1.42	GRD	MG	Pervasive strong phyllic and clay gouged granodiorite between quartz feldspar porphyry dykes. Cut by white massive quartz veins of varying widths, up to 30cm. Blebby-disseminated pyrite throughout granodiorite, gouge, and veins. Trace galena and sphalerite in veins.							
						LT	GY		SIL	2I	Py	4
						LT	GN		CLY	4I	Sp	0.1
									PHC	4I	Gn	0.1
507.01	511.69	4.68	GRD	MG	Pervasive moderate-strong phyllic altered, silicified, and patchy argillic altered granodiorite. Argillic is overprinted by phyllic. Granodiorite hosts disseminated pyrite throughout. Cut by white-grey quartz veins and veinlets with blebby pyrite, +/- sphalerite, +/- arsenopyrite at 1 per 3cm spacing. Minor quartz-carbonate brecca at 510.60m.							
						LT	GN		SIL	3I	Py	3
						LT	GY		PHC	3I	As	0.1
									ARG	2I	Sp	0.1
511.69	513.39	1.70	QFP	FG	Sharp 50 TCA top contact, sharp 55 TCA bottom contact. Light green-grey quartz feldspar porphyry dyke with clear quartz eyes and green altered phenocrysts.							
						LT	GN	PO	SIL	3I		
						LT	GY		HYD	3I		
513.39	513.98	0.59	GRD	MG	Phyllic and silicified granodiorite cut by white quartz veins with pyrite, sphalerite, and white carbonate with galena and sphalerite. Patchy brecciation of granodiorite by smoky quartz hosting pyrite.							
						MD	GY		PHC	3I	Gn	0.1
						LT	GN	BX	SIL	4I	Sp	0.1
513.98	514.91	0.93	QFP	FG	Mixed top contact at granodiorite, and sharp 45 TCA lower contact with breccia. Clay alteration in gouge zones and on cracks.							
						LT	GN	PO	SIL	2I		
									HYD	4I		
									CLY	2I		
514.91	515.06	0.15	BXA	FG	Light green quartz feldspar porphyry dyke brecciated by light green-grey quartz feldspar porphyry dyke. Hosts disseminated pyrite. Gouged 60 TCA lower contact.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	BX				
						LT	GN	PO	HYD	3I	Py	1
517.63	519.58	1.95	GRD	MG	Strong phyllic, moderately silicified granodiorite in the footwall halo between quartz feldspar porphyry dyke and main veins. Weak clay alteration on fractures. Disseminated pyrite in granodiorite. Cut by white-grey quartz veins-stringers with blebby pyrite and white-tan carbonate.							
						MD	GN		PHC	4I		
						LT	GN		SIL	3I	Py	2
									CLY	1I		
519.58	520.06	0.48	VEN	CG	50 TCA sharp top and bottom contacts. White-grey massive quartz with blebby-semi massive pyrite causes phyllic alteration and silicification of granodiorite. Brecciated by smoky quartz with pyrite, arsenopyrite, and jamesonite. Cut/brecciated by tank ankerite veins hosting blebby to semi-massive galena and honey brown sphalerite.							
						MD	GY	BX			As	5
						MD	BR	BN	SIL	4I	Py	10
											Sp	3
											Gn	5
											Jm	3
520.06	520.34	0.28	GRD	MG	Narrow strongly phyllic altered granodiorite with disseminated pyrite. Cut by quartz-carbonate-pyrite veinlets.							
						MD	GN	EN	SIL	3I	Py	3
						LT	GN		PHC	4I		
520.34	520.79	0.45	VEN	CG	Sharp 40 TCA contacts. Central smoky quartz vein with massive pyrite, banded arsenopyrite, and jamesonite needles along arsenopyrite bands. Margins of this vein are brecciated by white silicified carbonate with honey brown sphalerite and galena. Carbonate is then brecciated by black smoky quartz hosting jamesonite and arsenopyrite.							
						MD	GY	BX			As	7
						MD	BR	BN	SIL	3I	Py	7

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH				Sp	5
											Gn	3
											Jm	3
520.79	522.60	1.81	GRD	MG	Phyllic and silicified granodiorite vein halo with disseminated pyrite. Cut by quartz-pyrite veinlets/veins. Patchy argillic is overprinted by phyllic.							
						LT	GN		SIL	3I		
									PHC	3I		
									ARG	2I		
522.60	528.67	6.07	GRD	MG	Central patch of argillic overprinted by trace phyllic and potassic. Wide weak-moderate propylitic alteration alongisde argillic patches. Cut by carbonate-chlorite veinlets with potassic halos.							
						MD	GN		ARG	3I		
						LT	PK		PHC	1I		
						LT	GN		SIL	3I		
						LT	WH		POT	2I		
									PRO	3I		
528.67	530.07	1.40	GRD	MG	Strong phyllic envelope on quartz-pyrite veins and a smoky quartz breccia. Trace clay alteration on some fractures.							
						LT	GN	BX	SIL	1I	Py	2
								EN	PHC	4I	Gn	0.1
									CLY	1I		
530.07	532.90	2.83	GRD	MG	Pervasive moderately silicified and propylitic altered granodiorite. Patchy potassic overprints propylitic granodiorite.							
						MD	GY	PA	SIL	3I		
						LT	PK		PRO	1I		
									POT	2I		
532.90	535.96	3.06	GRD	MG	Phyllic-argillic vein halos on quartz-carbonate-pyrite veinlets. Patchy potassic overprint.							
						LT	GN	PA	SIL	3I		
						LT	PK		PHC	2I		
									POT	1I		
									ARG	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
535.96	545.57	9.61	GRD	MG	Pervasive moderately silicified and propylitic altered granodiorite. Patchy potassic overprints propylitic granodiorite.							
						MD	GY		PRO	1I		
						LT	PK	PA	SIL	3I		
									POT	2I		
545.57	547.31	1.74	GRD	MG	Patchy proximal phyllic and distal argillic halos on quartz-carbonate veinlets. Patchy potassic overprint.							
						LT	GN	PA	PHC	2I		
						LT	WH		ARG	2I		
						LT	PK		POT	2I		
547.31	548.65	1.34	GRD	MG	Trace argillic overprinted by dominant phyllic alteration. Cut by white-grey quartz-carbonate vein with disseminated pyrite. Trace disseminated pyrite in granodiorite.							
						LT	GN		SIL	2I	Py	0.1
									PHC	3I		
									ARG	1I		
548.65	554.28	5.63	GRD	MG	Alternating patches of variably overprinting phyllic, argillic, propylitic, and potassic alterations. Phyllic is proximal to veinlets, argillic is distal. Potassic overprints argillic and propylitic. Cut by occasional, rarely mineralized quartz-carbonate veins.							
						MD	GN		POT	1I		
						LT	WH	PA	PHC	2I		
						LT	GN		ARG	3I		
						LT	PK		PRO	2I		
554.28	556.30	2.02	GRD	MG	Patchy proximal phyllic and distal argillic halos on quartz-carbonate veinlets. Patchy potassic overprint.							
						LT	GN	PA	PHC	2I		
						LT	WH		ARG	2I		
						LT	PK		POT	2I		
556.30	559.92	3.62	GRD	MG	Alternating patches of argillic, propylitic, and weak potassic overprint. Cut by few white quartz-carbonate veinlets with blebby-disseminated pyrite.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PRO	2I		
						LT	PK	PA	ARG	3I	Py	0.1
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
20.70	46.95	26.25	GRD	MG	Moderate-strong pervasively oxidized granodiorite with patch argillic. Oxidation is strongest on fractures, but pervasive through entire recovery. Frequent orange-brown gouge sections. Recovery is generally crumbled-rubbly, with approximately 40% gouge.							
						MD	OR	FR	ARG	2I	Go	1
						DK	BN	RB	OXI	4I	Li	3
46.95	50.63	3.68	GRD	MG	Semi-pervasive moderate oxidation, radiating outward from fractures. Brown oxide staining is most intense on fractures. Cut by quartz-carbonate veins +/- disseminated pyrite. Phyllic overprints patchy argillic alteration, with trace patchy potassic. Oxidation intensity decreases with depth.							
						MD	BN		PHC	3I		
						LT	PK		ARG	2I		
									POT	1I		
						LT	GN	PA	OXI	3I		
50.63	65.80	15.17	GRD	MG	Very similar to previous, but lacks semi-pervasive oxidation. Oxidation is limited to fractures, but can be intense where fractures are close together. Weakly brecciated by medium grey wispy crackle brecciation.							
									POT	1I		
						LT	GN	BX	OXI	1I		
						MD	BN		PHC	3I		
									ARG	2I		
65.80	82.85	17.05	GRD	MG	Fresh granodiorite with patchy distal argillic/proximal phyllic vein envelopes.							
									PHC	1I		
						MD	GY		ARG	1I		
82.85	83.15	0.30	BXA	FG	Contact breccia between granodiorite and quartz feldspar porphyry dyke. Light-medium green quartz feldspar porphyry dyke matrix supports granule-sized granodiorite clasts. Weak clay along cracks and contacts. 65 TCA bottom contact with quartz feldspar porphyry dyke.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN	BX	PRO	2I		
						LT	GN		CLY	2I		
83.15	87.72	4.57	QFP	FG	Medium green quartz feldspar porphyry dyke with fine-grained ~35% altered phenocrysts. 30 TCA sharp bottom contact. Cut by locally netted white carbonate stringers.							
						MD	GN	PO	HYD	2I		
87.72	90.31	2.59	GRD	MG	Locally mottled green-pink granodiorite with pervasive propylitic and potassic alteration. Patchy quartz eyes from silicification. Cut by white carbonate stringers. Gouged contact with breccia.							
						MD	GN	MO	SIL	1I		
						MD	PK		PRO	2I		
									POT	1I		
90.31	90.64	0.33	BXA	FG	White-cream quartz-carbonate cemented breccia with pebbly phyllic granodiorite clasts. Gouged at contacts with granodiorite. Trace pyrite in crosscutting quartz-pyrite stringers.							
						LT	GN	BX	SIL	3I	Py	0.1
									CLY	1I		
									PHC	3I		
90.64	95.97	5.33	GRD	MG	Granodiorite with patchy overprinting phyllic-argillic vein envelopes and intermittent propylitic. Patchy potassicc overprints propylitic and argillic. Cut by minor barren breccia. Trace blebby black tourmaline at 94.90m.							
						LT	GN	PA	SIL	1I	To	0.1
						MD	PK		PRO	2I		
									POT	1I		
									ARG	2I		
						MD	GN	BX	PHC	3I		
95.97	108.91	12.94	GRD	MG	Fractured granodiorite with weak propylitic and patchy trace potassic. Weak-trace green sericite on fractures. Cut by local phyllic-argillic vein halos and white carbonate stringers.							
						MD	GN		POT	1I		
						MD	GY	FR	PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	PK		SER	1I		
108.91	115.49	6.58	GRD	MG	Faulted phyllic/clay altered granodiorite with patchy potassic. Pervasive clay alteration with several gouge zones. Cut by white-grey quartz carbonate veins.							
						LT	WH		PHC	3I		
						LT	GN		POT	1I		
									CLY	3I		
115.49	121.25	5.76	QFP	FG	Crackle fractured quartz feldspar porphyry dyke with pervasive moderate hydrothermal and weak silicification. Clay alteration along fractures. Gouged top contact with granodiorite. Weakly mineralized and gouged lower contact with granodiorite.							
									CLY	3I		
						LT	TN	PO	SIL	1I		
						LT	GY	FR	HYD	3I		
121.25	124.58	3.33	GRD	MG	Strong pervasive phyllic altered granodiorite with semi-pervasive clay alteration along fractures near quartz feldspar porphyry dyke contact. Gouged light grey quartz-pyrite veins near contact.							
						MD	GY		CLY	3I		
						LT	GN		PHC	4I	Py	1
124.58	142.03	17.45	GRD	MG	Pervasive strong phyllic vein envelopes with patchy moderate argililc. Weak-moderate clay alteration along fractures. Fractures often crackle core. Cut by grey quartz-white carbonate veins/stringers.							
						LT	GN	SH	SIL	2I		
									ARG	3I		
									CLY	2I		
						LT	WH		PHC	4I		
142.03	160.83	18.80	GRD	MG	Pervasive phyllic and silicified granodiorite with patchy argillic and propylitic. Silicification manifests as white quartz eyes. Trace clay alteration on fractures and in few gouge zones. Cut by quartz-carbonate +/- hematite +/- pyrite at 3-5 per metre frequency.							
									ARG	2I		
									CLY	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		PHC	3I		
						LT	GN	PA	SIL	3I		
									PRO	2I		
160.83	178.80	17.97	GRD	MG	Granodiorite with moderate-strong pervasive silicification and densely netted dark green chlorite veins/stringers. Patchy weak hematization, focused on fractures. Silicification tends to whiten granodiorite groundmass.							
						MD	RD		CHL	4I		
						DK	GN	NE	SIL	3I		
									HEM	2I		
						LT	WH		SIL	4I		
178.80	204.32	25.52	GRD	MG	Propylitic altered granodiorite with strong-intense silicification. Patchy primary texture obliteration. Weak remaining propylitic and trace potassic along stringers. Cut by hematite-chlorite-carbonate stringers. Fractured, with light green sericite on fractures. Occasional hematization and slickensides on fractures.							
						MD	GY	FR	SIL	5I		
						DK	GN		SIL	4I		
									POT	1I		
									PRO	2I		
									SER	1I		
204.32	206.26	1.94	GRD	MG	Argillic-dominated envelope on quartz-carbonate veins. Trace potassic halos on thin closed fractures. Patchy propylitic overprint.							
									POT	1I		
						LT	PK		ARG	2I		
						LT	GN		SIL	2I		
									PRO	2I		
206.26	227.80	21.54	GRD	MG	Pervasive silicified granodiorite with patchy argillic, propylitic, and vein/fracture-associated hematization and potassic alteration. Hematization on fractures, which are sometimes slickensides. Cut by pink aplite dykes. Argillic is strongest in dyke halos, while potassic dominates carbonate veinlets/stringer halos. Brittle fracturing due to silicification.							
						MD	GY	PA	SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	PK	FR	ARG	2I		
						MD	GN		POT	2I		
									HEM	1I		
									PRO	2I		
227.80	230.11	2.31	GRD	MG	Argillic-dominated envelope on quartz-carbonate veins. Trace potassic halos on thin closed fractures. Patchy propylitic overprint.							
									ARG	2I		
						LT	GN		SIL	2I		
						LT	PK		POT	1I		
									PRO	2I		
230.11	299.81	69.70	GRD	MG	Pervasive silicified granodiorite with patchy argillic, propylitic, and vein/fracture-associated hematization and potassic alteration. Hematization on fractures, which are sometimes slickensides. Cut by pink aplite dykes. Argillic is strongest in dyke halos, while potassic dominates carbonate veinlets/stringer halos. Brittle fracturing due to silicification.							
									PRO	2I		
						MD	GN		POT	2I		
						MD	PK	FR	ARG	2I		
						MD	GY	PA	SIL	3I		
									HEM	1I		
299.81	311.05	11.24	GRD	MG	Weakly faulted granodiorite with slickensides on many fractures, typically accompanied by clay and hematization. Patchy moderate argillic and trace potassic overprint. Potassic is a pale pink, while hematization is a medium pink-red. Patchy propylitic overprint. Clay on fractures.							
						MD	RD	FR	CLY	1I		
									HEM	2I		
									PRO	2I		
									POT	1I		
						MD	GY	PA	ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
311.05	356.46	45.41	GRD	MG	Fresh granodiorite with semi-pervasive propylitic and weak potassic in vein/fracture halos.							
									POT	2I		
						MD	GY	PA	SIL	2I		
									PRO	2I		
356.46	391.64	35.18	GRD	MG	Pervasive weak-moderate propylitic and moderately silicified granodiorite. Cut by quartz-carbonate veins with proximal phyllic/distal argillic veins and fractures with potassic halos. Hematization around weakly faulted section at 367.32-368.88m.							
						LT	GN		PHC	2I		
									POT	2I		
									HEM	2I		
						MD	RD		ARG	1I		
						MD	GY	PA	SIL	3I		
									PRO	2I		
391.64	415.38	23.74	GRD	MG	Fresh granodiorite with patchy trace propylitic, semi-pervasive weak silicification, and potassic vein envelopes. Mafic xenoliths are cobble-sized.							
						MD	GY		SIL	2I		
						LT	PK		PRO	1I		
									POT	1I		
415.38	421.91	6.53	GRD	MG	Wide patch of phyllic-propylitic and cut by 3 narrow breccias. Weak clay alteration along fractures and netted carbonate veinlets 416.00-416.66m.							
						LT	GN		PRO	2I		
						MD	GN		PHC	2I		
									CLY	1I		
421.91	425.22	3.31	GRD	MG	Granodiorite with pervasive weak silicification, propylitic, and vein-/fracture-associated potassic.							
									POT	1I		
						LT	PK		PRO	2I		
						MD	GN		SIL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
425.22	430.96	5.74	GRD	MG	Granodiorite with vein-associated phyllic and argillic. Patchy propylitic. Moderate-weak potassic overprints propylitic and argillic. Cut by maroon quartz feldspar porphyry dyke dyke and carbonate veins.							
									PRO	1I		
						MD	PK	MO	PHC	3I		
						LT	GN	PA	POT	2I		
									ARG	2I		
430.96	451.07	20.11	GRD	MG	Patchy trace propylitic, vein-associated potassic, and semi-pervasive weak silicification. Cut by few white carbonate veins.							
						MD	GN		PRO	1I		
									POT	1I		
						MD	GY	PA	SIL	2I		
451.07	460.42	9.35	GRD	MG	Moderately chloritized and weakly clay altered faulted granodiorite. Many slickensides on joints with chlorite and hematite.							
						MD	GN	SH	CLY	2I		
						LT	GN		CHL	3I		
									HEM	1I		
460.42	492.68	32.26	GRD	MG	Fresh granodiorite with patchy propylitic, chlorite/hematite on some fractures, and phyllic envelopes on quartz-carbonate veins.							
						LT	GN		PRO	1I		
						MD	GY		PHC	1I		
									CHL	1I		
									HEM	1I		
492.68	495.31	2.63	QFP	FG	Light tan-green quartz feldspar porphyry dyke with clear quartz eyes and green altered phenocrysts. Cut by white carbonate veinlets. Pervasive silicification and hydrothermal alteration. Sharp chilled 70 TCA bottom contact. Sharp chilled rubbly top contact.							
						LT	TN	PO	SIL	1I		
						LT	GN		HYD	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
495.31	502.47	7.16	GRD	MG	Propylitic altered granodiorite with phyllic near upper quartz feldspar porphyry dyke contact. Potassic alteration is vein-associated. Cut by quartz-pyrite veinlets with chlorite selvedges.							
						MD	GY		PHC	2I		
									POT	1I		
						LT	PK		PRO	3I		
						MD	GN		SIL	2I	Py	0.1
502.47	504.85	2.38	GRD	MG	Hanging wall vein zone with strong pervasive phyllic and moderate pervasive silicification. Local strong silicification. Cut by milky-grey massive quartz veins with blebby-disseminated pyrite. Pyrite-quartz stringers common. Blebby-disseminated arsenopyrite and jamesonite in prominent veins.							
											Jm	0.1
						LT	GY		PHC	4I	As	0.1
						LT	GN		SIL	3I	Py	3
504.85	505.59	0.74	QFP	FG	Light green quartz feldspar porphyry dyke with pervasive hydrothermal alteration and silicification. Sharp 30 TCA top contact and gouged lower contact.							
						LT	GN	PO	SIL	2I	Py	2
									HYD	4I		
505.59	507.01	1.42	GRD	MG	Pervasive strong phyllic and clay gouged granodiorite between quartz feldspar porphyry dykes. Cut by white massive quartz veins of varying widths, up to 30cm. Blebby-disseminated pyrite throughout granodiorite, gouge, and veins. Trace galena and sphalerite in veins.							
						LT	GY		SIL	2I	Py	4
						LT	GN		CLY	4I	Sp	0.1
									PHC	4I	Gn	0.1
507.01	511.69	4.68	GRD	MG	Pervasive moderate-strong phyllic altered, silicified, and patchy argillic altered granodiorite. Argillic is overprinted by phyllic. Granodiorite hosts disseminated pyrite throughout. Cut by white-grey quartz veins and veinlets with blebby pyrite, +/- sphalerite, +/- arsenopyrite at 1 per 3cm spacing. Minor quartz-carbonate brecca at 510.60m.							
						LT	GN		SIL	3I	Py	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY		PHC	3I	As	0.1
									ARG	2I	Sp	0.1
511.69	513.39	1.70	QFP	FG	Sharp 50 TCA top contact, sharp 55 TCA bottom contact. Light green-grey quartz feldspar porphyry dyke with clear quartz eyes and green altered phenocrysts.							
						LT	GN	PO	SIL	3I		
						LT	GY		HYD	3I		
513.39	513.98	0.59	GRD	MG	Phyllic and silicified granodiorite cut by white quartz veins with pyrite, sphalerite, and white carbonate with galena and sphalerite. Patchy brecciation of granodiorite by smoky quartz hosting pyrite.							
						LT	GN	BX	SIL	4I	Sp	0.1
						MD	GY		PHC	3I	Gn	0.1
513.98	517.63	3.65	QFP	FG	Light green quartz feldspar porphyry dyke cut by breccia and white carbonate veinlets. Dyke changes colour after breccia.							
									HYD	3I		
						LT	GN	PO	SIL	2I		
517.63	519.58	1.95	GRD	MG	Strong phyllic, moderately silicified granodiorite in the footwall halo between quartz feldspar porphyry dyke and main veins. Weak clay alteration on fractures. Disseminated pyrite in granodiorite. Cut by white-grey quartz veins-stringers with blebby pyrite and white-tan carbonate.							
						MD	GN		PHC	4I		
									CLY	1I		
						LT	GN		SIL	3I	Py	2
519.58	520.79	1.21	VEN	CG	Main footwall vein zone! Two major sulphide-bearing veins with minor phyllic granodiorite inbetween them.							
						LT	GN				Sp	2
											Gn	3
											Jm	2
						MD	BR	BN	SIL	4I	Py	5
						MD	GY		PHC	3I	As	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
520.79	522.60	1.81	GRD	MG	Phyllic and silicified granodiorite vein halo with disseminated pyrite. Cut by quartz-pyrite veinlets/veins. Patchy argillic is overprinted by phyllic.							
									PHC	3I		
						LT	GN		SIL	3I		
									ARG	2I		
522.60	528.67	6.07	GRD	MG	Central patch of argillic overprinted by trace phyllic and potassic. Wide weak-moderate propylitic alteration alongisde argillic patches. Cut by carbonate-chlorite veinlets with potassic halos.							
						LT	WH		POT	2I		
						LT	GN		SIL	3I		
						MD	GN		ARG	3I		
						LT	PK		PHC	1I		
									PRO	3I		
528.67	530.07	1.40	GRD	MG	Strong phyllic envelope on quartz-pyrite veins and a smoky quartz breccia. Trace clay alteration on some fractures.							
						LT	GN	BX	SIL	1I	Py	2
									CLY	1I		
								EN	PHC	4I	Gn	0.1
530.07	545.57	15.50	GRD	MG	Pervasive moderately silicified and propylitic altered granodiorite with patchy phyllic-argillic vein envelopes. Patchy potassic overprints argillic and propylitic granodiorite.							
						MD	GY	PA	SIL	3I		
						LT	PK		PRO	1I		
									POT	2I		
									ARG	1I		
									PHC	1I		
545.57	559.92	14.35	GRD	MG	Alternating patches of variably overprinting phyllic, argillic, propylitic, and potassic alterations. Phyllic is proximal to veinlets, argillic is distal. Potassic overprints argillic and propylitic. Cut by occasional, rarely mineralized quartz-carbonate veins.							
						LT	WH	PA	PHC	2I		
						LT	GN		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		POT	1I		
						LT	PK		PRO	2I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	23.47	23.47	2.25	10	0.00	0	--	2H	4W	
23.47	26.52	3.05	2.57	84	0.00	0	--	2H	4W	
26.52	29.57	3.05	2.65	87	0.27	9	--	2H	4W	
29.57	32.61	3.04	3.01	99	0.21	7	--	2H	4W	
32.61	35.66	3.05	2.47	81	0.11	4	--	2H	4W	
35.66	38.71	3.05	2.81	92	0.00	0	--	2H	4W	
38.71	41.75	3.04	2.29	75	0.63	21	--	3H	4W	
41.75	44.80	3.05	2.57	84	0.61	20	--	3H	4W	
44.80	47.85	3.05	2.68	88	0.59	19	--	3H	4W	
47.85	50.90	3.05	2.61	86	1.92	63	--	4H	3W	
50.90	53.95	3.05	2.88	94	2.66	87	--	4H	2W	
53.95	57.00	3.05	2.97	97	2.91	95	--	4H	2W	
57.00	60.05	3.05	2.86	94	2.34	77	--	4H	1W	
60.05	63.09	3.04	2.92	96	1.94	64	--	4H	1W	
63.09	66.14	3.05	3	98	2.83	93	--	4H	1W	
66.14	69.19	3.05	2.97	97	2.01	66	--	3H	1W	
69.19	72.24	3.05	3.05	100	2.81	92	--	3H	2W	
72.24	75.29	3.05	3	98	2.59	85	--	4H	1W	
75.29	78.33	3.04	3.04	100	2.19	72	--	4H	1W	
78.33	81.38	3.05	3.01	99	2.11	69	--	3H	1W	
81.38	84.43	3.05	3.05	100	2.28	75	--	4H	1W	
84.43	87.48	3.05	3.05	100	1.43	47	--	3H	1W	
87.48	90.53	3.05	3.05	100	1.92	63	--	2H	1W	
90.53	93.57	3.04	3.01	99	1.84	61	--	3H	1W	
93.57	96.62	3.05	3.05	100	2.15	70	--	3H	1W	
96.62	99.67	3.05	2.93	96	2.17	71	--	3H	1W	
99.67	102.72	3.05	3.05	100	0.86	28	--	3H	1W	
102.72	105.77	3.05	2.89	95	1.35	44	--	3H	1W	
105.77	108.81	3.04	3.04	100	1.33	44	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
108.81	111.86	3.05	3.05	100	2.03	67	--	2H	1W	
111.86	114.91	3.05	3	98	1.28	42	--	3H	1W	
114.91	117.96	3.05	3.05	100	1.65	54	--	3H	1W	
117.96	121.01	3.05	3	98	1.63	53	--	2H	1W	
121.01	124.05	3.04	3.01	99	2.64	87	--	2H	1W	
124.05	127.10	3.05	3.04	100	2.33	76	--	3H	1W	
127.10	130.15	3.05	2.97	97	2.53	83	--	3H	1W	
130.15	133.20	3.05	3.05	100	2.27	74	--	4H	1W	
133.20	136.25	3.05	2.9	95	1.60	52	--	3H	1W	
136.25	139.29	3.04	3.03	100	1.15	38	--	3H	1W	
139.29	142.34	3.05	3.05	100	1.66	54	--	2H	1W	
142.34	145.39	3.05	3.05	100	2.18	71	--	3H	1W	
145.39	148.44	3.05	2.79	91	1.45	48	--	4H	1W	
148.44	151.49	3.05	3.05	100	1.78	58	--	3H	1W	
151.49	154.53	3.04	3.04	100	2.07	68	--	3H	1W	
154.53	157.58	3.05	3.04	100	2.56	84	--	4H	1W	
157.58	160.63	3.05	2.98	98	2.50	82	--	3H	1W	
160.63	163.68	3.05	3.05	100	2.48	81	--	4H	1W	
163.68	166.73	3.05	3.05	100	2.36	77	--	3H	1W	
166.73	169.77	3.04	3.04	100	2.26	74	--	4H	1W	
169.77	172.82	3.05	3.05	100	2.48	81	--	3H	1W	
172.82	175.87	3.05	3.05	100	1.99	65	--	2H	1W	
175.87	178.92	3.05	3.01	99	1.61	53	--	3H	1W	
178.92	181.97	3.05	2.97	97	1.34	44	--	4H	1W	
181.97	185.01	3.04	3.04	100	1.00	33	--	4H	1W	
185.01	188.06	3.05	3.05	100	1.39	46	--	4H	1W	
188.06	191.11	3.05	3.05	100	0.91	30	--	4H	1W	
191.11	194.16	3.05	3.03	99	0.71	23	--	3H	1W	
194.16	197.21	3.05	3.05	100	1.49	49	--	4H	1W	
197.21	200.26	3.05	3.01	99	2.06	68	--	4H	1W	
200.26	203.31	3.05	2.97	97	2.18	71	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
203.31	206.35	3.04	3.01	99	2.10	69	--	3H	1W	
206.35	209.40	3.05	3.05	100	2.39	78	--	4H	1W	
209.40	212.45	3.05	3.05	100	1.47	48	--	3H	1W	
212.45	215.49	3.04	3.04	100	1.70	56	--	5H	1W	
215.49	218.54	3.05	3.05	100	1.24	41	--	4H	1W	
218.54	221.59	3.05	2.98	98	2.11	69	--	4H	1W	
221.59	224.64	3.05	3.05	100	1.70	56	--	5H	1W	
224.64	227.69	3.05	3.01	99	2.38	78	--	4H	1W	
227.69	230.73	3.04	2.84	93	0.73	24	--	3H	1W	
230.73	233.78	3.05	3.05	100	1.42	47	--	4H	1W	
233.78	236.83	3.05	3.03	99	2.27	74	--	5H	1W	
236.83	239.88	3.05	3.02	99	1.28	42	--	4H	1W	
239.88	242.93	3.05	3.01	99	1.66	54	--	5H	1W	
242.93	245.97	3.04	3.04	100	1.30	43	--	4H	1W	
245.97	249.02	3.05	3.05	100	1.12	37	--	4H	1W	
249.02	252.07	3.05	2.96	97	1.59	52	--	5H	1W	
252.07	255.12	3.05	3.03	99	1.97	65	--	4H	1W	
255.12	258.17	3.05	2.93	96	1.36	45	--	5H	1W	
258.17	261.21	3.04	3.04	100	1.77	58	--	5H	1W	
261.21	264.26	3.05	2.87	94	1.56	51	--	4H	1W	
264.26	267.31	3.05	3.05	100	2.42	79	--	4H	1W	
267.31	270.36	3.05	2.89	95	1.54	50	--	4H	1W	
270.36	273.41	3.05	3.05	100	1.43	47	--	4H	1W	
273.41	276.45	3.04	3.04	100	1.52	50	--	4H	1W	
276.45	279.50	3.05	2.96	97	1.90	62	--	4H	4W	
279.50	282.55	3.05	3.05	100	1.82	60	--	4H	1W	
282.55	285.60	3.05	3.05	100	1.61	53	--	3H	1W	
285.60	288.65	3.05	3.02	99	1.54	50	--	3H	1W	
288.65	291.69	3.04	2.99	98	2.26	74	--	3H	1W	
291.69	294.74	3.05	2.81	92	1.79	59	--	4H	1W	
294.74	297.79	3.05	3.03	99	0.69	23	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
297.79	300.84	3.05	2.94	96	1.65	54	--	3H	1W	
300.84	303.88	3.04	2.87	94	1.48	49	--	3H	1W	
303.88	306.93	3.05	2.9	95	0.80	26	--	3H	1W	
306.93	309.98	3.05	2.92	96	1.41	46	--	4H	1W	
309.98	313.03	3.05	3.05	100	2.21	72	--	3H	1W	
313.03	316.08	3.05	2.95	97	2.19	72	--	3H	1W	
316.08	319.13	3.05	3.02	99	1.68	55	--	3H	1W	
319.13	322.17	3.04	3.02	99	2.28	75	--	4H	1W	
322.17	325.22	3.05	3.05	100	2.20	72	--	4H	1W	
325.22	328.27	3.05	2.97	97	2.36	77	--	4H	1W	
328.27	331.32	3.05	3.05	100	2.61	86	--	4H	1W	
331.32	334.37	3.05	2.93	96	2.47	81	--	4H	1W	
334.37	337.41	3.04	3.04	100	2.01	66	--	3H	1W	
337.41	340.46	3.05	3.05	100	2.51	82	--	4H	1W	
340.46	343.51	3.05	3.05	100	2.94	96	--	4H	1W	
343.51	346.56	3.05	2.85	93	2.54	83	--	4H	1W	
346.56	349.61	3.05	3.05	100	2.58	85	--	4H	1W	
349.61	352.65	3.04	3.04	100	2.10	69	--	4H	1W	
352.65	355.70	3.05	2.9	95	1.40	46	--	4H	1W	
355.70	358.75	3.05	3.05	100	2.73	90	--	4H	1W	
358.75	361.80	3.05	3.05	100	2.51	82	--	4H	1W	
361.80	364.85	3.05	3.05	100	2.48	81	--	3H	1W	
364.85	367.89	3.04	3.04	100	2.00	66	--	3H	1W	
367.89	370.94	3.05	3.04	100	1.38	45	--	3H	1W	
370.94	373.99	3.05	2.83	93	2.51	82	--	3H	1W	
373.99	377.04	3.05	3.05	100	0.36	12	--	3H	1W	
377.04	380.09	3.05	3.03	99	1.30	43	--	4H	1W	
380.09	383.13	3.04	3.04	100	1.98	65	--	3H	1W	
383.13	386.18	3.05	3.02	99	2.19	72	--	3H	1W	
386.18	389.23	3.05	3.03	99	2.27	74	--	4H	1W	
389.23	392.28	3.05	3.01	99	1.72	56	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
392.28	395.33	3.05	3.05	100	2.80	92	--	4H	1W	
395.33	398.37	3.04	3.04	100	2.45	81	--	5H	1W	
398.37	401.42	3.05	3.02	99	2.48	81	--	4H	1W	
401.42	404.47	3.05	2.93	96	2.76	90	--	5H	1W	
404.47	407.52	3.05	3.05	100	2.77	91	--	4H	1W	
407.52	410.57	3.05	2.97	97	2.83	93	--	4H	1W	
410.57	413.61	3.04	3.01	99	2.88	95	--	4H	1W	
413.61	416.66	3.05	3.05	100	2.33	76	--	4H	1W	
416.66	419.71	3.05	3.04	100	2.73	90	--	4H	1W	
419.71	422.76	3.05	3.04	100	2.44	80	--	4H	1W	
422.76	425.81	3.05	3.03	99	2.63	86	--	4H	1W	
425.81	428.85	3.04	3.02	99	2.43	80	--	3H	1W	
428.85	431.90	3.05	3.05	100	2.80	92	--	3H	1W	
431.90	434.95	3.05	3.03	99	2.72	89	--	4H	1W	
434.95	438.00	3.05	3.05	100	2.21	72	--	4H	1W	
438.00	441.05	3.05	3.05	100	2.72	89	--	4H	1W	
441.05	444.09	3.04	2.98	98	1.90	63	--	3H	1W	
444.09	447.14	3.05	3.05	100	1.30	43	--	4H	1W	
447.14	450.19	3.05	3.05	100	0.98	32	--	3H	1W	
450.19	453.24	3.05	2.99	98	1.13	37	--	3H	1W	
453.24	456.29	3.05	3.04	100	1.39	46	--	3H	1W	
456.29	459.33	3.04	2.97	98	1.25	41	--	3H	1W	
459.33	462.38	3.05	3.03	99	1.34	44	--	3H	1W	
462.38	465.43	3.05	3.05	100	2.08	68	--	4H	1W	
465.43	468.48	3.05	2.89	95	2.17	71	--	3H	1W	
468.48	471.53	3.05	3.05	100	1.63	53	--	3H	1W	
471.53	474.57	3.04	3.02	99	0.92	30	--	4H	1W	
474.57	477.62	3.05	2.89	95	1.61	53	--	3H	1W	
477.62	480.67	3.05	3.05	100	2.64	87	--	4H	1W	
480.67	483.72	3.05	2.99	98	2.06	68	--	4H	1W	
483.72	486.77	3.05	3.05	100	2.41	79	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
486.77	489.81	3.04	3.03	100	2.47	81	--	4H	1W	
489.81	492.86	3.05	3.01	99	2.04	67	--	4H	1W	
492.86	495.91	3.05	3.05	100	2.19	72	--	3H	1W	
495.91	498.96	3.05	3.02	99	2.27	74	--	4H	1W	
498.96	502.01	3.05	3.05	100	2.85	93	--	5H	1W	
502.01	505.05	3.04	3.04	100	2.27	75	--	4H	1W	
505.05	508.10	3.05	3.05	100	1.53	50	--	3H	1W	
508.10	511.15	3.05	2.92	96	1.89	62	--	4H	1W	
511.15	514.20	3.05	3.05	100	2.66	87	--	4H	1W	
514.20	517.25	3.05	3.04	100	1.90	62	--	3H	1W	
517.25	520.29	3.04	3.04	100	2.46	81	--	4H	1W	
520.29	523.34	3.05	3.05	100	2.63	86	--	4H	1W	
523.34	526.39	3.05	3	98	2.43	80	--	3H	1W	
526.39	529.44	3.05	2.97	97	2.63	86	--	3H	1W	
529.44	532.49	3.05	3.05	100	2.08	68	--	4H	1W	
532.49	535.53	3.04	2.9	95	2.48	82	--	3H	1W	
535.53	538.58	3.05	3.03	99	2.71	89	--	4H	1W	
538.58	541.63	3.05	3.01	99	2.08	68	--	4H	1W	
541.63	544.68	3.05	3.01	99	2.34	77	--	4H	1W	
544.68	547.73	3.05	3.05	100	2.08	68	--	4H	1W	
547.73	550.77	3.04	3.04	100	2.64	87	--	4H	1W	
550.77	553.82	3.05	3.02	99	2.87	94	--	4H	1W	
553.82	556.87	3.05	2.83	93	2.18	71	--	4H	1W	
556.87	559.92	3.05	3.05	100	2.15	70	--	4H	1W	E.O.H.

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
20	3.85	CAS	
21	7.815	GRD	
22	2.031	GRD	
23	0.25	GRD	
24	0.137	GRD	
25	0.47	GRD	
26	0.671	GRD	
27	0.182	GRD	
28	0.236	GRD	
29	0.809	GRD	
30	0.14	GRD	
31	0.163	GRD	
32	0.204	GRD	
33	0.264	GRD	
34	3.87	GRD	
35	0.207	GRD	
36	0.136	GRD	
37	0.303	GRD	
38	0.118	GRD	
39	0.576	GRD	
40	1.392	GRD	
41	2.541	GRD	
42	1.625	GRD	
43	0.724	GRD	
44	0.329	GRD	
45	0.399	GRD	
46	0.266	GRD	
47	0.3	GRD	
48	0.357	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
49	0.311	GRD	
50	0.322	GRD	
51	0.461	GRD	
52	0.345	GRD	
53	0.409	GRD	
54	0.341	GRD	
55	0.313	GRD	
56	0.294	GRD	
57	0.38	GRD	
58	0.368	GRD	
59	0.453	GRD	
60	0.677	GRD	
61	0.428	GRD	
62	0.614	GRD	
63	0.496	GRD	
64	0.378	GRD	
65	0.393	GRD	
66	3.447	GRD	
67	14.4	GRD	
68	2.28	GRD	
69	0.582	GRD	
70	10.66	GRD	
71	0.415	GRD	
72	0.583	GRD	
73	0.58	GRD	
74	18.84	GRD	
75	0.617	GRD	
76	2.606	GRD	
77	0.529	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
78	1.967	GRD	
79	0.939	GRD	
80	4.522	GRD	
81	0.597	GRD	
82	0.188	GRD	
83	0.292	BXA	
84	0.349	QFP	
85	0.369	QFP	
86	0.249	QFP	
87	0.303	QFP	
88	0.56	GRD	
89	0.403	GRD	
90	0.416	GRD	
91	0.32	GRD	
92	0.242	GRD	
93	0.387	GRD	
94	0.366	GRD	
95	3.883	GRD	
96	6.561	GRD	
97	11.06	GRD	
98	10.47	GRD	
99	0.741	GRD	
100	0.554	GRD	
101	0.652	GRD	
102	0.414	GRD	
103	0.423	GRD	
104	0.286	GRD	
105	1.013	GRD	
106	23.37	GRD	
107	20.63	GRD	
108	7.63	GRD	
109	0.39	GRD	
110	0.227	GRD	
111	0.272	GRD	
112	0.523	GRD	
113	1.417	GRD	
114	0.953	GRD	
115	0.264	GRD	
116	0.267	QFP	
117	0.246	QFP	
118	0.156	QFP	
119	0.137	QFP	
120	1.256	QFP	
121	0.177	QFP	
122	0.338	GRD	
123	0.347	GRD	
124	0.379	GRD	
125	0.393	GRD	
126	0.499	GRD	
127	0.507	GRD	
128	0.276	GRD	
129	0.262	GRD	
130	0.397	GRD	
131	0.539	GRD	
132	0.935	GRD	
133	0.462	GRD	
134	0.85	GRD	
135	0.356	GRD	
136	0.305	GRD	
137	0.644	GRD	
138	0.56	GRD	
139	0.448	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
140	0.312	GRD	
141	0.337	GRD	
142	0.521	GRD	
143	0.677	GRD	
144	0.417	GRD	
145	0.475	GRD	
146	0.506	GRD	
147	0.372	GRD	
148	0.327	GRD	
149	0.462	GRD	
150	0.422	GRD	
151	0.475	GRD	
152	0.319	GRD	
153	0.367	GRD	
154	0.403	GRD	
155	0.381	GRD	
156	0.483	GRD	
157	0.442	GRD	
158	0.355	GRD	
159	0.563	GRD	
160	0.483	GRD	
161	0.71	GRD	
162	2.611	GRD	
163	1.264	GRD	
164	2.637	GRD	
165	0.676	GRD	
166	1.095	GRD	
167	0.987	GRD	
168	0.801	GRD	
169	0.46	GRD	
170	1.864	GRD	
171	0.371	GRD	
172	0.472	GRD	
173	0.875	GRD	
174	0.944	GRD	
175	0.274	GRD	
176	2.375	GRD	
177	4.856	GRD	
178	2.196	GRD	
179	0.666	GRD	
180	20.56	GRD	
181	1.08	GRD	
182	13.69	GRD	
183	22.54	GRD	
184	15.07	GRD	
185	3.259	GRD	
186	12.04	GRD	
187	0.58	GRD	
188	1.713	GRD	
189	3.699	GRD	
190	6.645	GRD	
191	0.943	GRD	
192	0.655	GRD	
193	0.691	GRD	
194	0.843	GRD	
195	13.33	GRD	
196	6.476	GRD	
197	14.07	GRD	
198	16.08	GRD	
199	0.592	GRD	
200	17.92	GRD	
201	5.225	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
202	16.59	GRD	
203	11.53	GRD	
204	0.425	GRD	
205	0.464	GRD	
206	1.303	GRD	
207	17.52	GRD	
208	18.94	GRD	
209	1.074	GRD	
210	7.998	GRD	
211	13.79	GRD	
212	9.236	GRD	
213	12.28	GRD	
214	9.277	GRD	
215	0.39	GRD	
216	14.41	GRD	
217	7.174	GRD	
218	14.38	GRD	
219	17.02	GRD	
220	3.387	GRD	
221	18.73	GRD	
222	18.43	GRD	
223	0.315	GRD	
224	13.55	GRD	
225	19.3	GRD	
226	16.77	GRD	
227	0.575	GRD	
228	0.326	GRD	
229	0.585	GRD	
230	1.056	GRD	
231	11.46	GRD	
232	0.391	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
233	2.581	GRD	
234	0.963	GRD	
235	7.552	GRD	
236	9.235	GRD	
237	21.31	GRD	
238	15.1	GRD	
239	18.95	GRD	
240	17.09	GRD	
241	14.92	GRD	
242	17.72	GRD	
243	15.74	GRD	
244	20.23	GRD	
245	2.531	GRD	
246	2.607	GRD	
247	1.878	GRD	
248	4.327	GRD	
249	17.84	GRD	
250	8.548	GRD	
251	10.2	GRD	
252	18.12	GRD	
253	5.761	GRD	
254	0.5	GRD	
255	1.782	GRD	
256	8.802	GRD	
257	9.737	GRD	
258	16.08	GRD	
259	12.53	GRD	
260	15.36	GRD	
261	8.578	GRD	
262	15.57	GRD	
263	14.58	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
264	14.48	GRD	
265	15.88	GRD	
266	11.99	GRD	
267	13.44	GRD	
268	7.665	GRD	
269	12.05	GRD	
270	16.23	GRD	
271	15.61	GRD	
272	10.27	GRD	
273	13.7	GRD	
274	13.24	GRD	
275	11.72	GRD	
276	7.178	GRD	
277	7.14	GRD	
278	18.11	GRD	
279	17.62	GRD	
280	17.09	GRD	
281	6.177	GRD	
282	16.24	GRD	
283	14.56	GRD	
284	0.513	GRD	
285	0.828	GRD	
286	0.376	GRD	
287	0.841	GRD	
288	6.996	GRD	
289	0.574	GRD	
290	0.352	GRD	
291	6.146	GRD	
292	14.58	GRD	
293	1.315	GRD	
294	1.844	GRD	
295	11.59	GRD	
296	16.08	GRD	
297	17.91	GRD	
298	6.801	GRD	
299	2.82	GRD	
300	0.421	GRD	
301	4.597	GRD	
302	0.758	GRD	
303	1.786	GRD	
304	0.598	GRD	
305	0.709	GRD	
306	12.09	GRD	
307	1.402	GRD	
308	0.8	GRD	
309	0.911	GRD	
310	3.201	GRD	
311	8.256	GRD	
312	16.73	GRD	
313	2.011	GRD	
314	7.103	GRD	
315	0.548	GRD	
316	1.242	GRD	
317	9.353	GRD	
318	0.37	GRD	
319	1.142	GRD	
320	14.58	GRD	
321	3.509	GRD	
322	1.577	GRD	
323	2.246	GRD	
324	6.46	GRD	
325	13.87	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
326	0.632	GRD	
327	15.74	GRD	
328	12.85	GRD	
329	8.112	GRD	
330	0.855	GRD	
331	17.87	GRD	
332	15.54	GRD	
333	17.23	GRD	
334	0.83	GRD	
335	0.459	GRD	
336	16.99	GRD	
337	3.142	GRD	
338	21.14	GRD	
339	16.9	GRD	
340	0.608	GRD	
341	0.774	GRD	
342	19.24	GRD	
343	3.156	GRD	
344	1.387	GRD	
345	1.559	GRD	
346	1.302	GRD	
347	0.689	GRD	
348	1.961	GRD	
349	15.69	GRD	
350	20	GRD	
351	13.4	GRD	
352	17.9	GRD	
353	5.433	GRD	
354	0.624	GRD	
355	6.054	GRD	
356	14.85	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
357	0.463	GRD	
358	7.33	GRD	
359	16.1	GRD	
360	0.731	GRD	
361	14.8	GRD	
362	0.687	GRD	
363	0.428	GRD	
364	0.731	GRD	
365	4.52	GRD	
366	0.734	GRD	
367	0.991	GRD	
368	0.168	GRD	
369	0.833	GRD	
370	0.877	GRD	
371	3.56	GRD	
372	20.1	GRD	
373	14.9	GRD	
374	18.4	GRD	
375	17.4	GRD	
376	18.64	GRD	
377	9.48	GRD	
378	10.3	GRD	
379	22.4	GRD	
380	8.71	GRD	
381	18.2	GRD	
382	11	GRD	
383	1.98	GRD	
384	0.269	GRD	
385	0.428	GRD	
386	16.9	GRD	
387	16.4	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
388	7.36	GRD	
389	16.9	GRD	
390	11.1	GRD	
391	17.7	GRD	
392	19.2	GRD	
393	21.2	GRD	
394	17.6	GRD	
395	8.59	GRD	
396	7.74	GRD	
397	14.1	GRD	
398	18.8	GRD	
399	13.4	GRD	
400	4.12	GRD	
401	19.6	GRD	
402	17.9	GRD	
403	9.54	GRD	
404	20.1	GRD	
405	18.7	GRD	
406	11.6	GRD	
407	17	GRD	
408	19.3	GRD	
409	12.8	GRD	
410	20.2	GRD	
411	21.5	GRD	
412	9.95	GRD	
413	12.1	GRD	
414	20.3	GRD	
415	13.1	GRD	
416	0.478	GRD	
417	0.237	GRD	
418	0.517	GRD	
419	0.447	GRD	
420	0.516	GRD	
421	0.706	GRD	
422	2.29	GRD	
423	14.8	GRD	
424	6.77	GRD	
425	9.35	GRD	
426	2.21	GRD	
427	0.183	GRD	
428	1.59	GRD	
429	1.53	GRD	
430	5.34	GRD	
431	18.6	GRD	
432	19.1	GRD	
433	7.63	GRD	
434	16.6	GRD	
435	23	GRD	
436	17.2	GRD	
437	18	GRD	
438	8.74	GRD	
439	16	GRD	
440	16.7	GRD	
441	21.9	GRD	
442	17.2	GRD	
443	10.8	GRD	
444	18	GRD	
445	17.8	GRD	
446	19	GRD	
447	2.3	GRD	
448	17.8	GRD	
449	18.1	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
450	17.49	GRD	
451	0.579	GRD	
452	0.289	GRD	
453	0.353	GRD	
454	0.443	GRD	
455	0.469	GRD	
456	0.448	GRD	
457	0.384	GRD	
458	0.694	GRD	
459	0.415	GRD	
460	0.443	GRD	
461	0.667	GRD	
462	16.8	GRD	
463	13.93	GRD	
464	19.27	GRD	
465	17.06	GRD	
466	20.7	GRD	
467	4.577	GRD	
468	1.286	GRD	
469	0.475	GRD	
470	20.32	GRD	
471	17	GRD	
472	20.24	GRD	
473	18.34	GRD	
474	14.12	GRD	
475	16.37	GRD	
476	2.769	GRD	
477	2.614	GRD	
478	1.074	GRD	
479	0.53	GRD	
480	9.514	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
481	0.283	GRD	
482	0.572	GRD	
483	7.204	GRD	
484	24.44	GRD	
485	0.562	GRD	
486	2.736	GRD	
487	0.338	GRD	
488	3.467	GRD	
489	8.16	GRD	
490	4.322	GRD	
491	0.455	GRD	
492	1.106	GRD	
493	0.382	QFP	
494	0.507	QFP	
495	0.528	QFP	
496	0.347	GRD	
497	2.487	GRD	
498	16.32	GRD	
499	7.401	GRD	
500	14.29	GRD	
501	13.68	GRD	
502	3.291	GRD	
503	0.181	GRD	
504	0.15	GRD	
505	0.35	QFP	
506	0.114	GRD	
507	0.374	GRD	
508	0.287	GRD	
509	0.195	GRD	
510	0.407	GRD	
511	0.48	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
512	0.408	QFP	
513	0.256	QFP	
514	0.333	QFP	
515	0.24	QFP	
516	0.336	QFP	
517	0.32	QFP	
518	0.477	GRD	
519	0.299	GRD	
520	0.142	VEN	
521	0.095	GRD	
522	0.493	GRD	
523	8.045	GRD	
524	0.882	GRD	
525	7.365	GRD	
526	1.06	GRD	
527	2.505	GRD	
528	8.847	GRD	
529	0.149	GRD	
530	13.91	GRD	
531	13.16	GRD	
532	17.21	GRD	
533	0.297	GRD	
534	0.89	GRD	
535	0.551	GRD	
536	12.28	GRD	
537	16.58	GRD	
538	10.09	GRD	
539	4.79	GRD	
540	13.55	GRD	
541	16.93	GRD	
542	18.12	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
543	0.547	GRD	
544	9.982	GRD	
545	1.082	GRD	
546	1.13	GRD	
547	0.959	GRD	
548	0.638	GRD	
549	1.944	GRD	
550	1.059	GRD	
551	3.171	GRD	
552	1.821	GRD	
553	0.494	GRD	
554	1.628	GRD	
555	0.673	GRD	
556	0.165	GRD	
557	2.676	GRD	
558	15.61	GRD	
559	0.67	GRD	E.O.H

Klaza - Klaza Project

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		381486	6890253	1252.39	288.65

ZONE: Exploration

SECTION:

HOLE: KL-14-239

CLAIM:

Contractor: Platinum

Drill: 1

Core Size: HQ

Casing Depth: 48.77m, In

Drilling Dates: -

Geology Logged By: A. Mitchell

SURVEY			
Depth (m)	Azimuth	Dip	Method
14.32	30.6	-50	Reflex
288.64	41.4	-53	Reflex

TARGET: BRX

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	22.73	22.73	-?-
22.73	48.76	26.03	GRD
48.76	61.96	13.2	GRD
61.96	68.23	6.27	GRD
68.23	85.3	17.07	GRD
85.3	113.18	27.88	GRD
113.18	114.4	1.22	GRD
114.4	115.5	1.1	GRD
115.5	116.03	0.53	GRD
116.03	117.7	1.67	VOL
117.7	123.88	6.18	GRD
123.88	125.76	1.88	GRD
125.76	143.71	17.95	GRD
143.71	154.2	10.49	GRD
154.2	177.65	23.45	GRD
177.65	178.87	1.22	VOL

SAMPLES	
Numbers:	Q934537 to Q934550, Q934651 to Q934671, Q934773 to Q934800, Q934888 to Q934891, Q935240 to Q935250
Total:	84
Batch:	205, 207, 208, 209
Certificates:	WH14135054, WH14135055, WH14135056, WH14135057

COMMENTS

178.87	201.59	22.72	GRD
201.59	202.49	0.9	GRD
202.49	217.82	15.33	GRD
217.82	218.54	0.72	GRD
218.54	221.45	2.91	QFP
221.45	235.01	13.56	GRD
235.01	239.22	4.21	GRD
239.22	240.26	1.04	BXA
240.26	243.51	3.25	GRD
243.51	248.42	4.91	GRD
248.42	249.09	0.67	BXA
249.09	252.97	3.88	VOL
252.97	253.71	0.74	GRD
253.71	288.65	34.94	GRD

Box Log

KL-14-239

Klaza Exploration Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	22.73	27.43
2	27.43	31
3	31	35.66
4	35.66	41.1
5	41.1	44.55
6	44.55	48.56
7	48.56	51.9
8	51.9	55
9	55	58
10	58	61.07
11	61.07	64.2
12	64.2	67.33
13	67.33	70.46
14	70.46	73.45
15	73.45	76.72
16	76.72	79.58
17	79.58	82.48
18	82.48	85.51
19	85.51	88.39
20	88.39	91.25
21	91.25	94.25
22	94.25	97.06
23	97.06	100.16
24	100.16	103.38
25	103.38	106.45
26	106.45	109.77
27	109.77	112.66
28	112.66	115.73
29	115.73	118.65
30	118.65	121.67
31	121.67	124.83
32	124.83	127.75
33	127.75	130.97
34	130.97	133.88
35	133.88	137.14
36	137.14	140.14
37	140.14	143.44
38	143.44	146.38
39	146.38	149.55
40	149.55	152.45
41	152.45	155.53
42	155.53	158.79
43	158.79	161.88
44	161.88	164.77
45	164.77	167.91
46	167.91	171.12
47	171.12	174.16
48	174.16	177.11
49	177.11	179.98
50	179.98	183.34
51	183.34	186.34
52	186.34	189.37
53	189.37	192.6
54	192.6	195.57
55	195.57	198.69
56	198.69	201.78
57	201.78	204.85
58	204.85	207.77
59	207.77	211.02
60	211.02	213.86
61	213.86	216.93
62	216.93	220.04
63	220.04	223.05
64	223.05	226.18
65	226.18	229.42
66	229.42	232.4
67	232.4	235.61
68	235.61	238.64
69	238.64	241.66
70	241.66	244.33
71	244.33	247.4
72	247.4	251.39
73	251.39	255.27
74	255.27	259.17
75	259.17	263.2
76	263.2	267.17
77	267.17	270.96
78	270.96	275.08
79	275.08	279.08
80	279.08	282.81
81	282.81	286.44
82	286.44	288.65

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
KL-14-239									
	125.35	11.9	HQ	GRD	907.1	564.5	2.61	2.7	Very strongly silica altered granodiorite with much of the interval with obliterated phyllic and argillic altered granodiorite. Dark grey black vein fragments up to 2 centimetres with fine grained sulphide (pyrite?). Minor smoky quartz-ankerite veins hosting blebby and euhedral pyrite. Blebby pyrite is disseminated throughout. Minor patches of hematite found locally within strongly silicified areas.

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
	239.48	19	HQ	BXA	1700.2	1111.7	3.06	2.9	Dark grey fine grained matrix hosting fine grained sulphides with phyllic altered granodiorite clasts and light grey quartz, calcite and ankerite vein fragments up to 4 centimetres. Clasts are sub-angular. Light grey quartz-calcite and ankerite vein fragments. Quartz-ankerite-calcite veins host blebby pyrite, chalcopyrite, arsenopyrite and honey brown sphalerite. Cubic pyrite found disseminated. Interval is trace to moderately gouge altered, especially for last 10 centimetres of the interval. Areas with dark grey fine grained matrix hosts net textures with late stage calcite infilling them.
	248.85	8.5	HQ	BXA	684.7	429.8	2.76	2.7	Strongly phyllic altered granodiorite hosting blebby disseminated pyrite. A 25 centimetre dark grey fine grained matrix breccia hosting quartz-feldspar porphyry, phyllic altered granodiorite clasts and quartz-carbonate vein fragments (sub-angular). 1 light green gouge seam with chlorite stringers 3 centimetres wide found in center of breccia. Minor calcite seams cut breccia. An approximately 1 centimetre ankerite vein hosts honey brown sphalerite along its selvages.

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
22.73	48.76	26.03	GRD	MG	Strongly oxidized and patchy clay altered granodiorite. Competent core found locally (~15% of interval) and comprises variably propylitic, phyllic and argillic altered granodiorite. Argillic altered granodiorite is strongly oxidized, while phyllic altered granodiorite hosts rough textures with weathered clays. Limonite and goethite is common within clay altered granodiorite. Relict hematite veinlets/stringers within granodiorite.							
						LT	OR		PHC	2I		
						DK	GN		ARG	3I		
									PRO	1I		
									SIL	3I		
									OXI	5I		
48.76	59.28	10.52	GRD	MG	Trace to weak propylitic altered granodiorite with patchy argillic and phyllic altered granodiorite. Zones with strong chlorite and hematite plus or minus calcite stringers (hematite cuts chlorite). Patchy, irregular oxidized stain withing phyllic altered granodiorite. Pervasive calcite veining. Trace pyrite disseminated within some of the phyllic altered granodiorite.							
						MD	OR		PRO	2I		
						LT	GN		PHC	3I		
						DK	GN		ARG	2I		
						DK	PK					
59.28	61.96	2.68	GRD	MG	Weak phyllic altered granodiorite with patchy oxidized staining hosting very trace disseminated pyrite. Interval is moderately silicified. Last 10 centimetres of interval hosts strong clay altered granodiorite (medium brown) with minor limonite. Minor light grey quartz-carbonate veining. Quartz cuts ankerite.							
						LT	GN		PHC	3I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
61.96	68.23	6.27	GRD	MG	Moderate to strong phyllic and argillic altered granodiorite hosting minor weakly gouge altered zones. Moderate hematite-calcite veining and zones with strong silica flooding defined banded light and medium grey quartz. Minor calcite veining with < 1 millimetre comb hematite and specularite along vein selvages. Trace dark brown aplite dyke found locally. Trace pyrite cubes withing ankerite blebs within argillic altered granodiorite (trace).							
						LT	GN		PHC	3I		
									ARG	3I		
									SIL	3I		
68.23	70.49	2.26	GRD	MG	Weak propylitic altered granodiorite with patchy phyllic and argillic altered granodiorite. Propylitic altered granodiorite is dark green with weak potassic alteration. Pervasive calcite veinlets at 7 per metre. Phyllic and argillic altered granodiorite hosts hematite-chlorite plus or minus calcite veins/veinlets at 9 per metre and are up to 3 centimetres wide. Weak blebby/banded pyrite within hematite-chlorite-calcite veins (trace). Minor broken up ankerite veins/veinlets hosting trace blebby pyrite. Minor gouge alteration within phyllic altered granodiorite associated with strong chlorite and ankerite veins.							
						DK	GN		PHC	2I		
									PRO	2I		
									ARG	2I		
									SIL	3I		
70.49	83.38	12.89	GRD	MG	Phyllic and argillic altered granodiorite hosts hematite-chlorite plus or minus calcite veins/veinlets at 9 per metre and are up to 3 centimetres wide. Weak blebby/banded pyrite within hematite-chlorite-calcite veins (trace). Minor broken up ankerite veins/veinlets hosting trace blebby pyrite. Minor gouge alteration within phyllic altered granodiorite associated with strong chlorite and ankerite veins.							
						LT	GN		PHC	3I		
									ARG	3I		
83.38	84.48	1.10	GRD	MG	Propylitic altered granodiorite. Dark green with weak potassic alteration. Pervasive calcite veinlets at 7 per metre.							
						DK	GN		PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									PRO	2I		
									ARG	2I		
									SIL	3I		
84.48	85.30	0.82	GRD	MG	Phyllic and argillic altered granodiorite hosts hematite-chlorite plus or minus calcite veins/veinlets at 9 per metre and are up to 3 centimetres wide. Weak blebby/banded pyrite within hematite-chlorite-calcite veins (trace). Minor broken up ankerite veins/veinlets hosting trace blebby pyrite. Minor gouge alteration within phyllic altered granodiorite associated with strong chlorite and ankerite veins.							
						LT	GN		PHC	3I		
									ARG	3I		
85.30	88.57	3.27	GRD	MG	Moderately silicified moderately propylitic and potassic altered granodiorite. Minor aplite dykes (dark ping) up to 5 centimetres at 1 per metre. Pervasive calcite veinlets at 6 per metre. Dykes cut by medium grey quartz-veins/veinlets. Minor low angled clay seams (fault?) with minor dark grey sulphide smears along fractures. An approximately 30 centimetre phyllic and gouge altered zone with calcite veining.							
						LT	PK		PHC	3I		
						DK	GN		SIL	3I		
									ARG	3I		
88.57	89.21	0.64	GRD	MG	Rubbly and weakly phyllic altered granodiorite with minor gouge zones. Dark grey sulphide stringer at end of interval. Weakly potassic altered.							
						LT	GN		PHC	3I		
									POT	2I		
89.21	113.18	23.97	GRD	MG	Moderately silicified moderately propylitic and potassic altered granodiorite. Minor aplite dykes (dark ping) up to 5 centimetres at 1 per metre. Pervasive calcite veinlets at 6 per metre. Dykes cut by medium grey quartz-veins/veinlets. Minor low angled clay seams (fault?) with minor dark grey sulphide smears along fractures.							
						LT	PK		PHC	3I		
						DK	GN		SIL	3I		
									ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
113.18	114.40	1.22	GRD	MG	Strongly phyllic altered granodiorite with light grey quartz veining and smoky quartz-carbonate vein within weak gouge altered granodiorite with disseminated pyrite. Smokey quartz-carbonate vein hosts blebby pyrite, arsenopyrite, black jack sphalerite and galena. Dark grey sulphide smear. Vein is approximately 14 centimetres.							
						LT	GN		PHC	4I	Py	1
									SIL	3I	As	0.01
											Sp	0.01
											Gn	0.01
114.40	115.50	1.10	GRD	MG	Moderately propylitic altered granodiorite with moderate hematite flooding/veining. Calcite flooding and hematite altered zones. Cubic pyrite near calcite and hematite altered granodiorite (cubes about 1 millimetre and disseminated).							
						DK	PU		HEM	2I		
						DK	GN		PRO	2I		
115.50	116.03	0.53	GRD	MG	Patchy weak to moderate propylitic and argillic altered granodiorite with pervasive calcite veinlets at 3 per metre. Interval hosts weak blebby disseminated pyrite.							
						MD	GN		ARG	3I		
						LT	GN		PRO	2I		
116.03	117.70	1.67	VOL	MG	Light brown to beige volcanic dyke with fine grained phenocrysts comprising black and dark green sub-hedral fragments (<1 millimetre). Moderate hematite stringers/veins pervasive plus or minus chlorite and hematite.							
						LT	BN					
						--	BG					
117.70	123.88	6.18	GRD	MG	Patchy propylitic and argillic altered granodiorite. Pervasive calcite veins up to 4 centimetres. Minor light to medium grey quartz veins with or without trace blebby pyrite. Variable pyrite found disseminated withing argillic altered granodiorite (trace). Pyrite appears to be replacing mafics.							
						LT	GN		ARG	3I		
						DK	GN		PRO	3I	Py	0.1
									PHC	1I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
123.88	125.76	1.88	GRD	FG	Very strongly silica altered granodiorite with much of the interval with obliterated phyllic and argillic altered granodiorite. Dark grey black vein fragments up to 2 centimetres with fine grained sulphide (pyrite?). Minor smoky quartz-ankerite veins hosting blebby and euhedral pyrite. Blebby pyrite is disseminated throughout. Minor patches of hematite found locally within strongly silicified areas.							
						MD	GN		PHC	3I	Py	1
						LT	GN		ARG	3I		
									SIL	5I		
125.76	143.71	17.95	GRD	MG	Patchy propylitic and argillic altered granodiorite with trace weak potassic alteration. Minor phyllic envelopes around dark pink-brown aplite dykes (3 within interval). Trace quartz-ankerite veins hosting trace blebby pyrite. Pervasive calcite veinlets at 5 per metre.							
						DK	GN		PRO	2I		
									ARG	2I		
									POT	2I		
143.71	154.20	10.49	GRD	MG	Moderate patchy propylitic and argillic altered granodiorite with intermittent rubble with or without gouge. Interval appears to be a small fault zone/splays off the main fault. Locally potassic altered. Minor calcite-hematite veins found locally. Strong calcite veining (veinlets found pervasive along fractures - dominantly low angle fractures are calcite healed.							
						MD	GN		ARG	3I		
						DK	GN		PRO	3I		
									PHC	2I		
154.20	177.65	23.45	GRD	MG	Dominantly propylitic altered granodiorite with patchy argillic altered granodiorite. Local areas with hematite-chlorite-calcite veining. 1 aplite dyke (medium pink) up to 15 centimetres wide. Higher abundance of hematite-chlorite and calcite veining host fine grained weak phyllic altered granodiorite envelopes.							
						LT	GN		ARG	3I		
						DK	GN		PRO	3I		
									PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
177.65	178.87	1.22	VOL	FG	Light brown to beige volcanic dyke with fine grained phenocrysts comprising black and dark green sub-hedral fragments (<1 millimetre). Moderate hematite stringers/veins pervasive plus or minus chlorite and hematite.							
						LT	BN					
						--	BG					
178.87	201.59	22.72	GRD	MG	Dominantly propylitic altered granodiorite with patchy argillic altered granodiorite. Local areas with hematite-chlorite-calcite veining. 1 aplite dyke (medium pink) up to 15 centimetres wide. Higher abundance of hematite-chlorite and calcite veining host fine grained weak phyllic altered granodiorite envelopes. Minor gouge seams within argillic and phyllic envelopes.							
						DK	GN		PRO	3I		
									ARG	3I		
									PHC	2I		
201.59	202.49	0.90	GRD	MG	Moderately phyllic and argillic altered granodiorite hosting trace clay seams (light green) with minor hematite stringers with or without calcite.							
						MD	GN		ARG	3I		
						LT	GN		PHC	3I		
202.49	217.82	15.33	GRD	MG	Dominantly propylitic altered granodiorite with patchy argillic altered granodiorite. Local areas with hematite-chlorite-calcite veining.							
						MD	GN		ARG	1I		
						DK	GN		PRO	3I		
									POT	2I		
217.82	218.54	0.72	GRD	MG	Weak to moderately phyllic altered granodiorite with pervasive hematite-chlorite-calcite veinlets/stringers that form net textures/veins.							
						LT	GN		PHC	2I		
						DK	PU		HEM	2I		
218.54	221.45	2.91	QFP	MG	Fine to medium grained maroon dyke with about 10 centimetres of beige chilled margins at contacts. Clasts comprise chlorite, quartz-eyes, light green and soft sub-angular. Pervasive calcite veinlets at 3 per metre. Calcite veins have chlorite selvages less than 1 millimetre.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						--	MR					
221.45	235.01	13.56	GRD	MG	Patchy weak to moderately phyllic and argillic altered granodiorite with minor propylitic altered intervals. Moderate gouge seams found locally. Weakly potassic altered pervasive throughout. Chlorite stingers pervasive at 2 per metre. Minor quartz-chlorite irregularly banded veins hosting trace blebby pyrite locally.							
						MD	GN		ARG	3I		
						LT	GN		PHC	3I		
									PRO	2I		
									POT	2I		
235.01	239.22	4.21	GRD	MG	Moderately phyllic and argillic altered granodiorite hosting locally disseminated and banded pyrite. Pyrite generally cubic, but minor blebs withing light grey quartz veins up to 2 centimetre. Pervasive chlorite-calcite without or without hematite veinlets increasing in density near contact with vein. Minor weak to moderate gouge zones up to 5 centimetres found locally.							
						MD	GN		ARG	2I		
						LT	GN		PHC	3I		
									SIL	4I		
239.22	240.26	1.04	BXA	--	Dark grey fine grained matrix hosting fine grained sulphides with phyllic altered granodiorite clasts and light grey quartz, calcite and ankerite vein fragments up to 4 centimetres. Clasts are sub-angular. Light grey quartz-calcite and ankerite vein fragments. Quartz-ankerite-calcite veins host blebby pyrite, chalcopyrite, arsenopyrite and honey brown sphalerite. Cubic pyrite found disseminated. Interval is trace to moderately gouge altered, especially for last 10 centimetres of the interval. Areas with dark grey fine grained matrix hosts net textures with late stage calcite infilling them.							
						DK	GY				Py	5
											Cp	1
											Sp	0.1
											As	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
240.26	243.51	3.25	GRD	MG	Strongly phyllic and argillic altered granodiorite hosting moderate smoky quartz-carbonate veins with blebby pyrite. Minor gouge altered granodiorite with dark grey fine grained sulphide seams. Phyllic altered granodiorite hosts variable disseminated pyrite.							
						LT	GN		PHC	4I	Py	0.01
									ARG	3I	Py	0.01
									SIL	4I		
243.51	248.42	4.91	GRD	MG	Patchy propylitic, phyllic and argillic altered granodiorite hosting pervasive calcite veinlets at 10 per metre. Minor quartz-ankerite veins with or without disseminated blebby pyrite (2 per metre).							
						LT	GN		ARG	3I		
						DK	GN		PHC	2I		
									PRO	2I		
									POT	2I		
248.42	249.09	0.67	BXA	MG	Strongly phyllic altered granodiorite hosting blebby disseminated pyrite. A 25 centimetre dark grey fine grained matrix breccia hosting quartz-feldspar porphyry, phyllic altered granodiorite clasts and quartz-carbonate vein fragments (sub-angular). 1 light green gouge seam with chlorite stringers 3 centimetres wide found in center of breccia. Minor calcite seams cut breccia. An approximately 1 centimetre ankerite vein hosts honey brown sphalerite along its selvages.							
						LT	GN	BX	PHC	4I	Py	0.1
						DK	GY		SIL	4I		
249.09	252.97	3.88	VOL	FG	Fine grained dark green dyke hosting strong chlorite altered and beige sub-angular clasts. Moderately fractured with minor calcite veinlets at 4 per metre. Last 30 centimetres is bleached along its chilled margins.							
						DK	GN					
252.97	253.71	0.74	GRD	MG	Strongly phyllic altered granodiorite hosting weak disseminated blebby and banded pyrite with minor ankerite fragments. Weak gouge altered intervals found locally. Smoky quartz stringers hosting blebby pyrite.							
						LT	GN		PHC	4I		
						DK	GN		PRO	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
253.71	267.48	13.77	GRD	MG	Dominantly moderately phyllic altered granodiorite with patchy weak propylitic and argillic altered granodiorite. Phyllic altered granodiorite generally hosts ankerite with or without smoky quartz veins with our without blebby pyrite. Phyllic altered granodiorite is variably gouge altered and zones appear to host fine grained sulphide seams. Propylitic altered granodiorite hosts pervasive calcite veining at 4 per metre and hosts minor hematite-carbonate veins. Entire interval hosts pervasive hematite-chlorite-calcite irregular banded veins at 3 per metre.							
						MD	GN		ARG	2I		
						LT	GN		PHC	3I		
									PRO	2I		
									POT	2I		
									SIL	3I		
267.48	269.51	2.03	GRD	MG	Dominantly strongly phyllic altered granodiorite with moderate to strong gouge altered intervals with minor dark grey seams up to 1 centimetre hosting fine grained dark sulphide smears. Competent core is phyllic altered, but no visible mineralization.							
						LT	GN		PHC	4I	Py	0.1
									SIL	3I		
269.51	288.65	19.14	GRD	MG	Dominantly moderately phyllic altered granodiorite with patchy weak propylitic and argillic altered granodiorite. Phyllic altered granodiorite generally hosts ankerite with or without smoky quartz veins with our without blebby pyrite. Phyllic altered granodiorite is variably gouge altered and zones appear to host fine grained sulphide seams. Propylitic altered granodiorite hosts pervasive calcite veining at 4 per metre and hosts minor hematite-carbonate veins. Entire interval hosts pervasive hematite-chlorite-calcite irregular banded veins at 3 per metre.							
						MD	GN		ARG	2I		
						LT	GN		PHC	3I		
									SIL	3I		
									PRO	2I		
									POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
22.73	48.76	26.03	GRD	MG	Strongly oxidized and patchy clay altered granodiorite. Competent core found locally (~15% of interval) and comprises variably propylitic, phyllic and argillic altered granodiorite. Argillic altered granodiorite is strongly oxidized, while phyllic altered granodiorite hosts rough textures with weathered clays. Limonite and goethite is common within clay altered granodiorite. Relict hematite veinlets/stringers within granodiorite.							
						LT	OR		PHC	2I		
						DK	GN		ARG	3I		
									PRO	1I		
									SIL	3I		
									OXI	5I		
48.76	61.96	13.20	GRD	MG	Trace to weak propylitic altered granodiorite with patchy argillic and phyllic altered granodiorite. Zones with strong chlorite and hematite plus or minus calcite stringers (hematite cuts chlorite). Patchy, irregular oxidized stain withing phyllic altered granodiorite. Pervasive calcite veining. Trace pyrite disseminated within some of the phyllic altered granodiorite.							
						LT	GN		PHC	3I		
						DK	GN		ARG	2I		
						MD	OR		PRO	2I		
						DK	PK					
61.96	68.23	6.27	GRD	MG	Moderate to strong phyllic and argillic altered granodiorite hosting minor weakly gouge altered zones. Moderate hematite-calcite veining and zones with strong silica flooding defined banded light and medium grey quartz. Minor calcite veining with < 1 millimetre comb hematite and specularite along vein selvages. Trace dark brown aplite dyke found locally. Trace pyrite cubes withing ankerite blebs within argillic altered granodiorite (trace).							
						LT	GN		PHC	3I		
									SIL	3I		
									ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
68.23	85.30	17.07	GRD	MG	Weak propylitic altered granodiorite with patchy phyllic and argillic altered granodiorite. Propylitic altered granodiorite is dark green with weak potassic alteration. Pervasive calcite veinlets at 7 per metre. Phyllic and argillic altered granodiorite hosts hematite-chlorite plus or minus calcite veins/veinlets at 9 per metre and are up to 3 centimetres wide. Weak blebby/banded pyrite within hematite-chlorite-calcite veins (trace). Minor broken up ankerite veins/veinlets hosting trace blebby pyrite. Minor gouge alteration within phyllic altered granodiorite associated with strong chlorite and ankerite veins.							
						DK	GN		PHC	2I		
						LT	GN		PRO	2I		
									ARG	2I		
									SIL	3I		
85.30	113.18	27.88	GRD	MG	Moderately silicified moderately propylitic and potassic altered granodiorite. Minor aplite dykes (dark ping) up to 5 centimetres at 1 per metre. Pervasive calcite veinlets at 6 per metre. Dykes cut by medium grey quartz-veins/veinlets. Minor low angled clay seams (fault?) with minor dark grey sulphide smears along fractures. An approximately 30 centimetre phyllic and gouge altered zone with calcite veining.							
									ARG	3I		
						LT	PK		PHC	3I		
						DK	GN		SIL	3I		
113.18	114.40	1.22	GRD	MG	Strongly phyllic altered granodiorite with light grey quartz veining and smoky quartz-carbonate vein within weak gouge altered granodiorite with disseminated pyrite. Smokey quartz-carbonate vein hosts blebby pyrite, arsenopyrite, black jack sphalerite and galena. Dark grey sulphide smear. Vein is approximately 14 centimetres.							
											Gn	0.01
						LT	GN		PHC	4I	Py	1
									SIL	3I	As	0.01
											Sp	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
114.40	115.50	1.10	GRD	MG	Moderately propylitic altered granodiorite with moderate hematite flooding/veining. Calcite flooding and hematite altered zones. Cubic pyrite near calcite and hematite altered granodiorite (cubes about 1 millimetre and disseminated).							
						DK	GN		PRO	2I		
						DK	PU		HEM	2I		
115.50	116.03	0.53	GRD	MG	Patchy weak to moderate propylitic and argillic altered granodiorite with pervasive calcite veinlets at 3 per metre. Interval hosts weak blebby disseminated pyrite.							
						LT	GN		PRO	2I		
						MD	GN		ARG	3I		
116.03	117.70	1.67	VOL	MG	Light brown to beige volcanic dyke with fine grained phenocrysts comprising black and dark green sub-hedral fragments (<1 millimetre). Moderate hematite stringers/veins pervasive plus or minus chlorite and hematite.							
						LT	BN					
						--	BG					
117.70	123.88	6.18	GRD	MG	Patchy propylitic and argillic altered granodiorite. Pervasive calcite veins up to 4 centimetres. Minor light to medium grey quartz veins with or without trace blebby pyrite. Variable pyrite found disseminated withing argillic altered granodiorite (trace). Pyrite appears to be replacing mafics.							
						DK	GN		PRO	3I	Py	0.1
									POT	2I		
						LT	GN		ARG	3I		
									PHC	1I		
123.88	125.76	1.88	GRD	FG	Very strongly silica altered granodiorite with much of the interval with obliterated phyllic and argillic altered granodiorite. Dark grey black vein fragments up to 2 centimetres with fine grained sulphide (pyrite?). Minor smoky quartz-ankerite veins hosting blebby and euhedral pyrite. Blebby pyrite is disseminated throughout. Minor patches of hematite found locally within strongly silicified areas.							
						MD	GN		PHC	3I	Py	1
						LT	GN		ARG	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									SIL	5I		
125.76	143.71	17.95	GRD	MG	Patchy propylitic and argillic altered granodiorite with trace weak potassic alteration. Minor phyllic envelopes around dark pink-brown aplite dykes (3 within interval). Trace quartz-ankerite veins hosting trace blebby pyrite. Pervasive calcite veinlets at 5 per metre.							
						DK	GN		PRO	2I		
									ARG	2I		
									POT	2I		
143.71	154.20	10.49	GRD	MG	Moderate patchy propylitic and argillic altered granodiorite with intermittent rubble with or without gouge. Interval appears to be a small fault zone/splays off the main fault. Locally potassic altered. Minor calcite-hematite veins found locally. Strong calcite veining (veinlets found pervasive along fractures - dominantly low angle fractures are calcite healed.							
									PHC	2I		
						MD	GN		ARG	3I		
						DK	GN		PRO	3I		
154.20	177.65	23.45	GRD	MG	Dominantly propylitic altered granodiorite with patchy argillic altered granodiorite. Local areas with hematite-chlorite-calcite veining. 1 aplite dyke (medium pink) up to 15 centimetres wide. Higher abundance of hematite-chlorite and calcite veining host fine grained weak phyllic altered granodiorite envelopes.							
						LT	GN		ARG	3I		
									PHC	2I		
						DK	GN		PRO	3I		
177.65	178.87	1.22	VOL	FG	Light brown to beige volcanic dyke with fine grained phenocrysts comprising black and dark green sub-hedral fragments (<1 millimetre). Moderate hematite stringers/veins pervasive plus or minus chlorite and hematite.							
						LT	BN					
						--	BG					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
178.87	201.59	22.72	GRD	MG	Dominantly propylitic altered granodiorite with patchy argillic altered granodiorite. Local areas with hematite-chlorite-calcite veining. 1 aplite dyke (medium pink) up to 15 centimetres wide. Higher abundance of hematite-chlorite and calcite veining host fine grained weak phyllic altered granodiorite envelopes. Minor gouge seams within argillic and phyllic envelopes.							
						DK	GN		PRO	3I		
						LT	GN		ARG	3I		
									PHC	2I		
201.59	202.49	0.90	GRD	MG	Moderately phyllic and argillic altered granodiorite hosting trace clay seams (light green) with minor hematite stringers with or without calcite.							
						MD	GN		ARG	3I		
						LT	GN		PHC	3I		
202.49	217.82	15.33	GRD	MG	Dominantly propylitic altered granodiorite with patchy argillic altered granodiorite. Local areas with hematite-chlorite-calcite veining.							
						MD	GN		ARG	1I		
						DK	GN		PRO	3I		
									POT	2I		
217.82	218.54	0.72	GRD	MG	Weak to moderately phyllic altered granodiorite with pervasive hematite-chlorite-calcite veinlets/stringers that form net textures/veins.							
						DK	PU		HEM	2I		
						LT	GN		PHC	2I		
218.54	221.45	2.91	QFP	MG	Fine to medium grained maroon dyke with about 10 centimetres of beige chilled margins at contacts. Clasts comprise chlorite, quartz-eyes, light green and soft sub-angular. Pervasive calcite veinlets at 3 per metre. Calcite veins have chlorite selvages less than 1 millimetre.							
						--	MR					
221.45	235.01	13.56	GRD	MG	Patchy weak to moderately phyllic and argillic altered granodiorite with minor propylitic altered intervals. Moderate gouge seams found locally. Weakly potassic altered pervasive throughout. Chlorite stingers pervasive at 2 per metre. Minor quartz-chlorite irregularly banded veins hosting trace blebby pyrite locally.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN		ARG	3I		
									PRO	2I		
									POT	2I		
						LT	GN		PHC	3I		
235.01	239.22	4.21	GRD	MG	Moderately phyllic and argillic altered granodiorite hosting locally disseminated and banded pyrite. Pyrite generally cubic, but minor blebs withing light grey quartz veins up to 2 centimetre. Pervasive chlorite-calcite without or without hematite veinlets increasing in density near contact with vein. Minor weak to moderate gouge zones up to 5 centimetres found locally.							
									SIL	4I		
						LT	GN		PHC	3I		
						MD	GN		ARG	2I		
239.22	240.26	1.04	BXA	--	Dark grey fine grained matrix hosting fine grained sulphides with phyllic altered granodiorite clasts and light grey quartz, calcite and ankerite vein fragments up to 4 centimetres. Clasts are sub-angular. Light grey quartz-calcite and ankerite vein fragments. Quartz-ankerite-calcite veins host blebby pyrite, chalcopyrite, arsenopyrite and honey brown sphalerite. Cubic pyrite found disseminated. Interval is trace to moderately gouge altered, especially for last 10 centimetres of the interval. Areas with dark grey fine grained matrix hosts net textures with late stage calcite infilling them.							
											As	0.01
											Sp	0.1
											Cp	1
						DK	GY				Py	5
240.26	243.51	3.25	GRD	MG	Strongly phyllic and argillic altered granodiorite hosting moderate smoky quartz-carbonate veins with blebby pyrite. Minor gouge altered granodiorite with dark grey fine grained sulphide seams. Phyllic altered granodiorite hosts variable disseminated pyrite.							
						LT	GN		PHC	4I	Py	0.01
									ARG	3I	Py	0.01
									SIL	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
243.51	248.42	4.91	GRD	MG	Patchy propylitic, phyllic and argillic altered granodiorite hosting pervasive calcite veinlets at 10 per metre. Minor quartz-ankerite veins with or without disseminated blebby pyrite (2 per metre).							
						LT	GN		ARG	3I		
									PRO	2I		
									POT	2I		
						DK	GN		PHC	2I		
248.42	249.09	0.67	BXA	MG	Strongly phyllic altered granodiorite hosting blebby disseminated pyrite. A 25 centimetre dark grey fine grained matrix breccia hosting quartz-feldspar porphyry, phyllic altered granodiorite clasts and quartz-carbonate vein fragments (sub-angular). 1 light green gouge seam with chlorite stringers 3 centimetres wide found in center of breccia. Minor calcite seams cut breccia. An approximately 1 centimetre ankerite vein hosts honey brown sphalerite along its selvages.							
						DK	GY		SIL	4I		
						LT	GN	BX	PHC	4I	Py	0.1
249.09	252.97	3.88	VOL	FG	Fine grained dark green dyke hosting strong chlorite altered and beige sub-angular clasts. Moderately fractured with minor calcite veinlets at 4 per metre. Last 30 centimetres is bleached along its chilled margins.							
						DK	GN					
252.97	253.71	0.74	GRD	MG	Strongly phyllic altered granodiorite hosting weak disseminated blebby and banded pyrite with minor ankerite fragments. Weak gouge altered intervals found locally. Smoky quartz stringers hosting blebby pyrite.							
						DK	GN		PRO	2I		
						LT	GN		PHC	4I	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
253.71	288.65	34.94	GRD	MG	Dominantly moderately phyllic altered granodiorite with patchy weak propylitic and argillic altered granodiorite. Phyllic altered granodiorite generally hosts ankerite with or without smoky quartz veins with our without blebby pyrite. Phyllic altered granodiorite is variably gouge altered and zones appear to host fine grained sulphide seams. Propylitic altered granodiorite hosts pervasive calcite veining at 4 per metre and hosts minor hematite-carbonate veins. Entire interval hosts pervasive hematite-chlorite-calcite irregular banded veins at 3 per metre.							
						LT	GN		PHC	3I		
									SIL	3I		
									POT	2I		
									PRO	2I		
						MD	GN		ARG	2I		

KL-14-239

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	22.86	22.86	0	0	0.00	0	--	--	--	
22.86	23.47	0.61	0.6	98	0.00	0	--	1H	4W	
23.47	26.52	3.05	0.74	24	0.00	0	--	2H	5W	
26.52	29.57	3.05	2.25	74	0.00	0	--	2H	4W	
29.57	32.61	3.04	2.58	85	0.00	0	--	2H	4W	
32.61	35.66	3.05	1.27	42	0.00	0	--	2H	4W	
35.66	38.71	3.05	1.59	52	0.00	0	--	2H	4W	
38.71	41.76	3.05	1.36	45	0.11	4	--	2H	4W	
41.76	44.81	3.05	2.47	81	0.71	23	--	2H	4W	
44.81	47.85	3.04	1.74	57	0.12	4	--	2H	4W	
47.85	50.90	3.05	2.78	91	1.45	48	--	2H	3W	
50.90	53.95	3.05	2.67	88	1.55	51	--	3H	3W	
53.95	57.00	3.05	2.97	97	1.36	45	--	4H	3W	
57.00	60.05	3.05	2.75	90	1.74	57	--	3H	2W	
60.05	63.09	3.04	2.74	90	1.48	49	--	2H	3W	
63.09	66.14	3.05	3.05	100	2.00	66	--	4H	1W	
66.14	69.19	3.05	3.01	99	1.83	60	--	3H	1W	
69.19	72.24	3.05	3.01	99	1.80	59	--	4H	1W	
72.24	75.29	3.05	3.05	100	2.16	71	--	4H	1W	
75.29	78.33	3.04	3.04	100	0.72	24	--	3H	1W	
78.33	81.39	3.06	3.05	100	1.62	53	--	3H	1W	
81.39	84.43	3.04	3.04	100	1.72	57	--	2H	1W	
84.43	87.48	3.05	3.01	99	0.93	30	--	4H	1W	
87.48	90.53	3.05	3.05	100	1.06	35	--	4H	1W	
90.53	93.57	3.04	2.91	96	1.35	44	--	4H	1W	
93.57	96.62	3.05	3.05	100	1.49	49	--	4H	1W	
96.62	99.67	3.05	2.96	97	1.69	55	--	3H	1W	
99.67	102.72	3.05	3.02	99	2.12	70	--	4H	1W	
102.72	105.77	3.05	3.05	100	2.23	73	--	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
105.77	108.81	3.04	2.89	95	1.91	63	--	4H	1W	
108.81	111.86	3.05	3.05	100	2.02	66	--	4H	1W	
111.86	114.91	3.05	2.97	97	1.83	60	--	3H	1W	
114.91	117.96	3.05	2.95	97	1.90	62	--	4H	1W	
117.96	121.00	3.04	3.04	100	2.37	78	--	3H	1W	
121.00	124.05	3.05	2.89	95	1.69	55	--	4H	1W	
124.05	127.10	3.05	3.05	100	1.31	43	--	3H	1W	
127.10	130.15	3.05	3.05	100	1.11	36	--	3H	1W	
130.15	133.20	3.05	3.05	100	2.01	66	--	3H	1W	
133.20	136.25	3.05	2.97	97	1.78	58	--	4H	1W	
136.25	139.29	3.04	3.04	100	2.07	68	--	3H	1W	
139.29	142.34	3.05	2.93	96	2.18	71	--	5H	1W	
142.34	145.39	3.05	3.04	100	1.06	35	--	2H	1W	
145.39	148.44	3.05	2.93	96	0.54	18	--	3H	1W	
148.44	151.49	3.05	3.01	99	0.42	14	--	3H	1W	
151.49	154.53	3.04	2.86	94	0.24	8	--	2H	1W	
154.53	157.58	3.05	2.98	98	2.13	70	--	4H	1W	
157.58	160.63	3.05	3.05	100	1.91	63	--	4H	1W	
160.63	163.68	3.05	3.02	99	1.60	52	--	4H	1W	
163.68	166.73	3.05	3.04	100	1.58	52	--	3H	1W	
166.73	169.77	3.04	3.03	100	1.86	61	--	4H	1W	
169.77	172.82	3.05	3.05	100	2.07	68	--	3H	1W	
172.82	175.87	3.05	3.04	100	1.36	45	--	4H	1W	
175.87	178.92	3.05	2.9	95	1.61	53	--	3H	1W	
178.92	181.97	3.05	3.01	99	1.10	36	--	4H	1W	
181.97	185.01	3.04	3.04	100	1.14	38	--	3H	1W	
185.01	188.06	3.05	3.05	100	1.74	57	--	4H	1W	
188.06	191.11	3.05	3.02	99	2.30	75	--	5H	1W	
191.11	194.16	3.05	3.04	100	2.02	66	--	4H	1W	
194.16	197.21	3.05	2.93	96	1.49	49	--	4H	1W	
197.21	200.25	3.04	3.04	100	2.36	78	--	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
200.25	203.30	3.05	3.05	100	1.30	43	--	4H	1W	
203.30	206.35	3.05	2.95	97	1.42	47	--	5H	1W	
206.35	209.40	3.05	3.04	100	2.00	66	--	5H	1W	
209.40	212.45	3.05	3.05	100	1.66	54	--	5H	1W	
212.45	215.49	3.04	3.04	100	1.17	38	--	3H	1W	
215.49	218.54	3.05	2.98	98	1.82	60	--	4H	1W	
218.54	221.59	3.05	3.04	100	1.96	64	--	4H	1W	
221.59	224.64	3.05	3.05	100	1.43	47	--	3H	1W	
224.64	227.69	3.05	3.05	100	1.04	34	--	4H	1W	
227.69	230.73	3.04	3.01	99	1.58	52	--	4H	1W	
230.73	233.78	3.05	3.03	99	1.70	56	--	3H	1W	
233.78	236.83	3.05	3.01	99	2.15	70	--	4H	1W	
236.83	239.88	3.05	2.98	98	1.33	44	--	3H	1W	
239.88	242.93	3.05	2.98	98	0.73	24	--	3H	1W	
242.93	245.97	3.04	3.04	100	1.44	47	--	4H	1W	
245.97	249.02	3.05	2.97	97	2.11	69	--	3H	1W	
249.02	252.07	3.05	3.05	100	2.32	76	--	3H	1W	
252.07	255.12	3.05	3.05	100	2.35	77	--	2H	1W	
255.12	258.17	3.05	3.05	100	1.65	54	--	3H	1W	
258.17	261.21	3.04	3.04	100	1.61	53	--	4H	1W	
261.21	264.26	3.05	3	98	2.22	73	--	4H	1W	
264.26	267.31	3.05	3.05	100	2.01	66	--	3H	1W	
267.31	270.36	3.05	2.95	97	2.00	66	--	2H	1W	
270.36	273.41	3.05	2.96	97	2.67	88	--	3H	1W	
273.41	276.45	3.04	3.02	99	1.28	42	--	3H	1W	
276.45	279.50	3.05	3.04	100	1.21	40	--	3H	1W	
279.50	282.55	3.05	3.05	100	1.62	53	--	4H	1W	
282.55	285.60	3.05	3.05	100	0.84	28	--	3H	1W	
285.60	288.65	3.05	2.9	95	1.31	43	--	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
23	0.28	GRD	
24	0.224	GRD	
26	0.277	GRD	
27	0.395	GRD	
28	0.237	GRD	
29	0.185	GRD	
30	0.271	GRD	
31	0.291	GRD	
32	0.223	GRD	
33	4.002	GRD	
34	0.282	GRD	
35	0.285	GRD	
36	0.282	GRD	
37	0.418	GRD	
38	0.41	GRD	
39	0.236	GRD	
40	0.931	GRD	
41	0.699	GRD	
42	0.357	GRD	
43	0.523	GRD	
44	0.431	GRD	
45	0.226	GRD	
46	0.143	GRD	
47	0.305	GRD	
48	0.195	GRD	
49	0.684	GRD	
50	0.775	GRD	
51	2.056	GRD	
52	0.293	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
53	0.631	GRD	
54	0.316	GRD	
55	0.588	GRD	
56	2.561	GRD	
57	0.618	GRD	
58	0.291	GRD	
59	0.266	GRD	
60	0.392	GRD	
61	0.282	GRD	
62	0.32	GRD	
63	0.311	GRD	
64	0.278	GRD	
65	0.256	GRD	
66	0.226	GRD	
67	0.285	GRD	
68	0.463	GRD	
69	0.639	GRD	
70	0.508	GRD	
71	0.413	GRD	
72	0.387	GRD	
73	0.334	GRD	
74	0.344	GRD	
75	0.374	GRD	
76	0.386	GRD	
77	0.423	GRD	
78	0.283	GRD	
79	0.444	GRD	
80	0.29	GRD	
81	0.278	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
82	0.251	GRD	
83	0.439	GRD	
84	1.443	GRD	
85	0.285	GRD	
86	0.334	GRD	
87	0.272	GRD	
88	0.454	GRD	
89	0.55	GRD	
90	9.352	GRD	
91	16.31	GRD	
92	14.03	GRD	
93	9.397	GRD	
94	3.149	GRD	
95	9.308	GRD	
96	0.335	GRD	
97	0.912	GRD	
98	4.424	GRD	
99	1.632	GRD	
100	3.601	GRD	
101	22.16	GRD	
102	14.96	GRD	
103	17.55	GRD	
104	0.469	GRD	
105	9.192	GRD	
106	2.71	GRD	
107	8.863	GRD	
108	14.83	GRD	
109	16.48	GRD	
110	2.7	GRD	
111	0.525	GRD	
112	11.81	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
113	0.587	GRD	
114	2.135	GRD	
115	0.37	GRD	
116	0.529	GRD	
117	0.658	VOL	
118	0.515	GRD	
119	0.539	GRD	
120	1.01	GRD	
121	0.45	GRD	
122	0.354	GRD	
123	0.621	GRD	
124	0.644	GRD	
125	0.104	GRD	
126	0.474	GRD	
127	0.288	GRD	
128	1.047	GRD	
129	0.739	GRD	
130	0.349	GRD	
131	0.533	GRD	
132	2.756	GRD	
133	0.368	GRD	
134	0.794	GRD	
135	21.73	GRD	
136	0.631	GRD	
137	0.843	GRD	
138	0.279	GRD	
139	4.797	GRD	
140	17.25	GRD	
141	13.87	GRD	
142	14.97	GRD	
143	0.434	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
144	10.16	GRD	
145	14.75	GRD	
146	0.445	GRD	
147	0.524	GRD	
148	0.911	GRD	
149	20.67	GRD	
150	3.328	GRD	
151	17.09	GRD	
152	0.387	GRD	
153	0.442	GRD	
154	0.378	GRD	
155	0.297	GRD	
156	21.09	GRD	
157	0.703	GRD	
158	0.416	GRD	
159	0.53	GRD	
160	4.254	GRD	
161	0.534	GRD	
162	0.489	GRD	
163	0.509	GRD	
164	20.06	GRD	
165	25.86	GRD	
166	26.97	GRD	
167	24.1	GRD	
168	0.703	GRD	
169	21.98	GRD	
170	21.49	GRD	
171	28.16	GRD	
172	1.51	GRD	
173	3.906	GRD	
174	17.73	GRD	

Depth (m)	Magnetic Susceptibility	Unit	Comments
175	13.23	GRD	
176	0.4	GRD	
177	0.571	GRD	
178	0.504	VOL	
179	14.29	GRD	
180	20.72	GRD	
181	25.92	GRD	
182	0.608	GRD	
183	0.295	GRD	
184	0.41	GRD	
185	16.89	GRD	
186	9.68	GRD	
187	15.8	GRD	
188	23.39	GRD	
189	19.72	GRD	
190	19.73	GRD	
191	20.21	GRD	
192	3.924	GRD	
193	18.56	GRD	
194	20.57	GRD	
195	0.442	GRD	
196	1.144	GRD	
197	0.628	GRD	
198	0.737	GRD	
199	6.294	GRD	
200	0.536	GRD	
201	0.323	GRD	
202	0.36	GRD	
203	3.367	GRD	
204	11.15	GRD	
205	0.333	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
206	3.599	GRD	
207	12.72	GRD	
208	7.801	GRD	
209	15.83	GRD	
210	21.12	GRD	
211	10.27	GRD	
212	1.19	GRD	
213	0.45	GRD	
214	0.316	GRD	
215	0.459	GRD	
216	2.543	GRD	
217	0.456	GRD	
218	0.341	GRD	
219	0.31	QFP	
220	0.401	QFP	
221	0.512	QFP	
222	0.275	GRD	
223	0.472	GRD	
224	0.547	GRD	
225	0.446	GRD	
226	0.302	GRD	
227	0.325	GRD	
228	0.395	GRD	
229	0.745	GRD	
230	4.176	GRD	
231	0.295	GRD	
232	0.353	GRD	
233	0.632	GRD	
234	0.571	GRD	
235	0.4	GRD	
236	0.478	GRD	
237	0.339	GRD	
238	0.155	GRD	
239	0.458	GRD	
240	0.56	BXA	
241	0.279	GRD	
242	0.363	GRD	
243	0.315	GRD	
244	5.399	GRD	
245	1.938	GRD	
246	0.461	GRD	
247	0.418	GRD	
248	0.5	GRD	
249	0.903	BXA	
250	0.283	VOL	
251	0.31	VOL	
252	0.319	VOL	
253	0.248	GRD	
254	0.301	GRD	
255	0.431	GRD	
256	0.344	GRD	
257	0.308	GRD	
258	0.41	GRD	
259	0.348	GRD	
260	0.251	GRD	
261	0.806	GRD	
262	0.374	GRD	
263	0.453	GRD	
264	4.802	GRD	
265	0.419	GRD	
266	1.082	GRD	
267	0.395	GRD	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
268	0.575	GRD	
269	0.519	GRD	
270	0.572	GRD	
271	0.29	GRD	
272	1.742	GRD	
273	0.46	GRD	
274	0.398	GRD	
275	0.5	GRD	
276	0.261	GRD	
277	0.577	GRD	
278	0.269	GRD	
279	0.403	GRD	
280	0.399	GRD	
281	0.694	GRD	
282	0.411	GRD	
283	0.483	GRD	
284	0.3	GRD	
285	0.689	GRD	
286	0.639	GRD	
287	0.303	GRD	
288	0.246	GRD	EOH

Depth (m)	Magnetic Susceptibility	Unit	Comments

APPENDIX VI

SIGNIFICANT DRILL INTERSECTIONS

Hole ID	Zone ID	From (m)	To (m)	Interval (m)	Gold (g/t)	Silver (g/t)	Gold Equiv.*
KL-10-03	Central Klaza	32.96	35.50	2.54	4.34	71.2	5.76
and		62.08	112.36	50.28	1.10	23.5	1.57
including		62.08	64.74	2.67	2.41	130.1	5.01
including		86.93	106.68	19.75	2.29	36.1	3.01
including		86.93	89.55	2.62	13.05	143	15.91
KL-10-04	BRX	97.60	98.75	1.15	1.55	23.2	2.01
and		109.83	111.00	1.17	5.07	53.6	6.14
KL-10-06	Pika	21.64	25.00	3.36	32.52	34.3	33.20
KL-10-07	Central Klaza	33.50	34.50	1.00	1.91	38.5	2.68
and		57.80	58.80	1.00	5.51	107	7.65
and		128.00	164.50	36.50	3.23	117.7	5.58
including		134.00	149.30	15.30	7.20	260	12.40
including		138.50	139.50	1.00	39.30	709	53.48
including		146.77	149.30	2.53	24.70	1087	46.44
KL-10-09	Pika	25.40	26.40	1.00	2.89	78.0	4.50
KL-10-10	Central Klaza	137.00	211.30	74.30	0.70	8.3	0.87
including		137.00	146.30	9.30	1.51	7.4	1.66
including		137.00	139.15	2.15	3.81	21.5	4.24
including		145.10	146.30	1.20	4.12	7.8	4.28
including		178.00	211.30	33.30	1.04	14.7	1.33
including		178.00	179.00	1.00	8.78	182	12.42
including		203.00	204.00	1.00	3.81	19.8	4.21
including		210.00	211.30	1.30	12.90	181	16.52
KL-10-11	AEX	88.00	89.00	1.00	0.45	99.2	2.43
and		110.20	111.20	1.00	2.25	25.0	2.75
and	BRX	182.00	189.60	7.60	0.89	9.17	1.07
including		182.00	183.00	1.00	2.86	3.7	2.93

and including		188.66	189.60	0.94	3.43	66.8	4.77
and		199.20	200.20	1.00	1.48	43.6	2.35
and		218.00	219.00	1.00	2.66	8.2	2.82
KL-11-12	Central Klaza	107.08	108.10	1.02	3.06	253	8.12
and		194.40	196.36	1.96	1.98	49.0	2.96
and		217.34	225.80	8.46	1.75	42.0	2.59
including		221.00	225.80	4.80	2.80	70.0	4.20
and		257.70	258.72	1.02	3.70	7.0	3.84
KL-11-13	Central Klaza	89.23	94.00	4.77	1.71	34.0	2.39
and		137.23	139.16	1.93	1.13	37.0	1.87
and		156.45	203.61	47.16	0.52	6.0	0.64
including		156.45	165.46	9.01	1.24	12.0	1.48
KL-11-14	Central Klaza	120.10	121.10	1.00	1.75	32.0	2.39
and		155.13	156.07	0.94	0.58	135	3.28
and		231.76	232.79	1.03	7.99	45.0	8.89
and		289.68	307.46	17.78	1.14	12.0	1.38
including		289.68	297.79	8.11	2.39	22.0	2.83
KL-11-15	Central Klaza	76.66	87.12	10.46	4.24	15.0	4.54
and		109.80	111.18	1.38	1.98	56.0	3.10
KL-11-16	Central Klaza	55.28	57.00	1.72	1.00	16.0	1.32
and		79.71	94.82	15.11	2.89	49.0	3.87
including		88.04	94.82	6.78	6.09	101	8.11
KL-11-17	Central Klaza	141.42	142.50	1.08	9.68	211	13.90
and		207.27	219.30	12.03	3.78	25.0	4.28
including		215.36	219.30	3.94	11.25	72.0	12.69
and		267.11	269.58	2.47	3.98	20.0	4.38
KL-11-18	Central Klaza	72.48	75.26	2.78	0.94	12.0	1.18
and		131.22	172.77	41.55	0.75	18.0	1.11
including		131.22	136.25	5.03	1.07	84.0	2.75
and		153.00	172.77	19.77	1.03	9.0	1.21

KL-11-19	Central Klaza	176.28	177.79	1.51	1.00	19.0	1.38
and		204.49	234.91	30.42	1.27	12.0	1.51
including		232.02	234.91	2.89	7.81	43.0	8.67
KL-11-20	Central Klaza	61.29	62.37	1.08	0.57	83.0	2.23
and		118.12	119.14	1.02	1.48	78.0	3.04
and		213.94	215.79	1.85	1.84	3.0	1.90
and		226.55	228.21	1.66	1.29	55.0	2.39
and		262.00	263.00	1.00	11.90	12.0	12.14
and		274.30	277.22	2.92	1.99	16.0	2.31
and		314.29	317.34	3.05	1.54	7.0	1.68
and		345.47	356.32	10.85	1.75	11.0	1.97
KL-11-21	Central Klaza	133.00	145.34	12.34	1.25	31.0	1.87
including		133.00	134.92	1.92	7.24	176	10.76
and		166.48	171.88	5.40	2.37	23.0	2.83
KL-11-22	BRX	56.20	61.40	5.20	0.47	124	2.95
KL-11-23	BRX	109.00	110.55	1.55	3.99	229	8.57
KL-11-24	BRX	72.00	73.37	1.37	3.15	72.0	4.59
KL-11-25	Central Klaza	52.48	64.42	11.94	2.31	41.0	3.13
including		52.48	58.75	6.27	4.22	75.0	5.72
and		94.70	95.71	1.01	7.48	445	16.38
KL-11-26	Central Klaza	72.01	83.34	11.33	0.98	15.0	1.28
KL-11-27	Central Klaza	101.28	114.33	13.05	2.27	15.0	2.57
including		101.28	103.22	1.94	8.56	77.0	10.10
and		143.82	170.03	26.21	1.76	26.0	2.28
including		144.37	145.16	0.79	27.40	549	38.38
including		155.93	157.53	1.60	6.43	50.0	7.43
including		168.57	170.03	1.46	7.41	54.0	8.49

and		211.99	213.43	1.44	10.19	23.0	10.65
including		211.99	212.60	0.61	21.30	39.0	22.08
KL-11-28	Central Klaza	72.48	75.10	2.62	1.60	32.0	2.24
and		202.00	202.63	0.63	5.41	54.0	6.49
and		253.66	255.12	1.46	10.25	585	21.95
KL-11-29	BRX	31.90	41.24	9.34	1.95	147	4.89
including		31.90	34.90	3.00	3.29	407	11.43
KL-11-31	Central Klaza	229.73	231.72	1.99	2.58	19.0	2.96
and		248.52	249.53	1.01	5.07	98.0	6.87
KL-11-32	Central Klaza	70.36	71.34	0.98	0.68	98.0	2.64
and		117.09	118.04	0.98	4.20	16.0	4.52
and		122.81	123.43	0.62	2.47	14.0	2.75
KL-11-33	BRX	120.30	121.64	1.34	5.51	180	9.11
KL-11-34	Western Klaza	16.52	18.53	2.01	1.48	33.0	2.14
and		148.95	157.42	8.47	1.31	66.0	2.63
including		156.28	157.42	1.14	5.84	122	8.28
KL-11-35	BRX	112.42	115.44	3.02	3.03	84.0	4.71
including		126.74	130.60	3.86	5.85	92.0	7.69
KL-11-36	Western Klaza	59.42	62.46	3.04	0.41	165	3.71
and		136.00	138.00	2.00	1.61	102	3.65
and		174.00	176.02	2.02	1.48	32.0	2.12
and		242.71	245.00	2.29	1.37	32.0	2.01
KL-11-37	BRX	81.13	95.93	14.80	5.43	50.0	6.43
including		81.13	82.83	1.70	11.05	133	13.71
and including		88.95	90.17	1.22	34.00	298	39.96
and including		94.68	95.93	1.25	13.10	97.0	15.04

KL-11-38	Central Klaza	64.82	84.22	19.40	0.99	25.0	1.49
including		66.80	69.70	2.90	2.88	14.0	3.16
including		75.38	76.62	1.24	6.00	179	9.58
and		102.87	104.19	1.32	6.67	94.0	8.55
and		115.55	116.77	1.22	3.54	42.0	4.38
KL-11-39	BRX	151.29	152.94	1.65	23.50	239	28.28
KL-11-40	Central Klaza	63.33	68.02	4.69	5.39	26.0	5.91
and		82.36	83.36	1.00	4.48	5.0	4.58
and		130.60	137.68	7.08	0.70	13.0	0.96
and		175.65	177.17	1.57	2.06	11.0	2.28
KL-11-41	Central Klaza	183.63	193.31	9.68	1.59	9.0	1.77
and		207.44	212.58	5.14	1.16	12.0	1.40
and		253.31	254.75	1.44	3.09	12.0	3.33
and		306.93	308.31	1.38	1.08	17.0	1.42
and		340.30	341.30	1.00	2.60	16.0	2.92
KL-11-42	Regional	41.63	42.51	0.88	1.45	30.0	2.05
and		94.82	96.62	1.80	0.01	422	8.45
KL-11-43	Central Klaza	89.44	90.80	1.36	1.95	84.0	3.63
and		120.15	135.02	14.87	1.08	18.0	1.44
and		149.95	151.66	1.71	3.02	46.0	3.94
and		202.59	208.80	6.21	0.93	16.0	1.25
and		260.55	262.70	2.15	4.42	12.0	4.66
KL-11-44	Central Klaza	14.21	17.02	2.81	0.86	9.0	1.04
and		80.39	82.19	1.80	1.85	67.0	3.19
and		193.00	194.42	1.42	0.50	143	3.36
and		234.00	235.00	1.00	2.56	3.0	2.62
and		291.55	301.70	10.15	2.67	50.0	3.67
including		291.55	296.41	4.86	4.76	88.0	6.52
and		342.96	343.98	1.02	1.63	35.0	2.33
KL-11-45	Regional	125.64	127.10	1.46	1.05	51.0	2.07
and		134.95	136.25	1.30	2.94	94.0	4.82

KL-11-46	Central Klaza	179.03	204.51	25.48	0.53	11.0	0.75
including		179.03	188.15	9.12	0.88	22.0	1.32
and		242.90	243.71	0.81	11.95	151	14.97
and		293.48	294.68	1.20	4.25	16.0	4.57
KL-11-47	Central Klaza	57.72	61.48	3.76	6.93	36.0	7.65
and		73.86	74.86	1.00	2.79	52.0	3.83
and		145.39	157.52	12.13	1.18	14.0	1.46
including		156.52	157.52	1.00	9.28	78.0	10.84
KL-11-50	Central Klaza	51.05	53.95	2.90	14.05	30.0	14.65
and		108.49	125.01	16.52	1.18	6.0	1.30
and		199.35	214.22	14.87	1.02	8.0	1.18
and		252.02	253.48	1.46	4.71	19.0	5.09
KL-11-52	Central Klaza	149.24	166.09	16.85	1.20	8.0	1.36
and		192.51	193.53	1.02	2.48	49.0	3.46
and		257.37	265.55	8.18	2.22	19.0	2.60
including		263.08	263.58	0.50	31.10	208	35.30
KL-11-53	Central Klaza	33.38	34.28	0.90	3.26	4.0	3.34
and		45.27	58.26	12.99	0.77	5.0	0.87
including		45.27	49.89	4.62	1.41	7.0	1.55
and		174.67	176.46	1.79	8.19	30.0	8.79
KL-11-55	Central Klaza	82.85	84.43	1.50	4.87	35.0	5.57
and		244.00	255.34	11.34	0.76	10.0	0.96
and		264.46	265.58	1.12	3.08	57.0	4.22
and		276.80	284.22	7.42	0.67	46.0	1.59
and		308.25	311.22	2.97	2.26	21.0	2.67
and		369.64	370.64	1.00	3.37	141	6.19
KL-11-56	Central Klaza	109.12	121.63	12.51	5.03	14.0	5.31
and		232.23	233.23	1.00	9.34	76.0	10.86
KL-11-57	Central Klaza	60.05	71.95	11.90	0.58	8.0	0.74

including		67.63	71.95	4.32	0.96	10.0	1.16
KL-11-58	Central Klaza	18.62	20.42	1.80	2.79	26.0	3.31
and		61.32	62.32	1.00	2.85	47.0	3.79
and		70.07	71.35	1.28	13.05	60.0	14.25
and		179.28	196.70	17.42	1.50	36.0	2.22
including		182.66	184.86	2.20	4.38	192	8.22
including		187.56	188.96	1.40	5.11	27.0	5.65
including		195.70	196.70	1.00	3.81	112	6.05
and		238.07	239.51	1.44	2.46	28.0	3.02
and		248.97	249.97	1.00	5.45	18.0	5.81
and		264.20	265.20	1.00	3.66	112	5.90
and		290.03	291.03	1.00	3.84	44.0	4.72
KL-11-59	Central Klaza	107.65	119.22	11.57	0.57	12.0	0.81
including		117.67	119.22	1.55	1.20	6.0	1.32
KL-11-60	Central Klaza	66.14	67.06	0.92	4.45	6.0	4.57
and		90.03	96.38	6.35	1.17	16.0	1.49
and		133.19	138.01	4.82	1.42	22.0	1.86
and		234.62	239.95	5.33	0.82	6.0	0.94
and		261.21	265.95	4.74	0.86	17.0	1.20
and		293.41	295.33	1.92	1.17	17.0	1.51
KL-11-61	Central Klaza	15.04	17.47	2.43	2.03	23.0	2.49
and		24.28	27.35	3.07	1.76	7.0	1.90
and		75.08	82.20	7.12	1.39	19.0	1.77
and		160.63	184.90	24.27	1.21	8.0	1.37
and		279.86	286.66	6.80	0.81	7.0	0.95
and		299.75	301.05	1.30	1.42	105	3.52
and		308.73	309.98	1.25	2.92	41.0	3.74
KL-11-62	Central Klaza	51.81	55.40	3.59	3.81	14.0	4.09
and		161.03	173.20	12.17	0.65	25.0	1.15
including		161.03	163.68	2.65	1.50	71.0	2.92
and		275.03	276.03	1.00	1.02	169	4.40
and		299.05	300.70	1.65	7.17	14.0	7.45

KL-11-63	Central Klaza	69.77	71.20	1.43	6.29	342	13.13
and		125.41	126.41	1.00	1.84	111	4.06
and		300.67	310.92	10.25	1.17	15.0	1.47
including		300.67	301.67	1.00	8.17	91.0	9.99
KL-11-51x	Eastern Klaza	250.30	251.50	1.20	2.07	27.9	2.63
and		427.39	428.43	1.04	0.88	10.7	1.09
and		435.32	439.27	3.95	0.82	8.45	0.99
KL-12-64	Eastern Klaza	56.46	61.14	4.68	0.76	8.85	0.94
and		88.84	93.26	4.42	2.07	20.7	2.48
and		125.00	126.33	1.33	2.02	46.7	2.95
KL-12-65	Eastern Klaza	11.87	12.87	1.00	2.78	20.0	3.18
and		97.15	98.44	1.29	1.47	10.8	1.69
and		119.82	121.84	2.02	1.78	12.9	2.04
and		130.70	135.04	4.34	3.91	30.2	4.51
including		134.04	135.04	1.00	16.05	90.2	17.85
and		188.61	190.77	2.16	0.81	98.0	2.77
KL-12-66	BRX	51.28	59.98	8.70	0.74	35.0	1.44
including		58.98	59.98	1.00	2.63	261	7.85
and		63.39	64.39	1.00	2.50	24.6	2.99
and		80.53	81.53	1.00	2.93	15.0	3.23
and	Pika	276.95	277.90	0.95	0.64	130	3.24
KL-12-67	Eastern Klaza	119.98	121.00	1.02	2.34	234	7.02
and		131.70	135.15	3.45	1.03	129.12	3.61
including		132.70	133.95	1.25	2.07	341	8.89
and		203.78	206.35	2.57	3.07	23.1	3.53
KL-12-68	Eastern Klaza	53.18	54.18	1.00	5.19	34.0	5.87
and		88.82	96.55	7.73	0.81	6.35	0.93
including		88.82	90.78	1.96	1.16	14.21	1.44
and		93.97	96.55	2.58	1.26	5.43	1.37
and		122.20	123.20	1.00	34.10	47.5	35.06
and		174.65	178.14	3.49	1.14	107.28	3.28
and		236.97	238.41	1.44	1.52	16.75	1.86

and		254.64	256.74	2.10	0.22	68.2	1.59
KL-12-69	BRX	190.44	194.86	4.42	3.23	58.88	4.41
including		190.44	192.26	1.82	5.79	40.2	6.59
KL-12-70	Eastern Klaza	37.29	38.30	1.01	1.07	7.89	1.22
KL-12-71	Eastern Klaza	69.40	73.17	3.77	1.72	13.24	1.99
including		69.40	71.00	1.60	3.03	28.0	3.87
and		99.89	108.05	8.16	1.25	14.89	1.55
including		99.89	104.98	5.09	1.67	21.55	2.10
and		147.70	148.83	1.13	1.31	81.8	2.99
and		177.26	179.37	2.11	0.80	48.22	1.76
and		196.32	199.79	3.47	0.93	24.12	1.41
and		206.39	208.63	2.24	1.27	11.51	1.50
KL-12-72	BRX	178.48	179.81	1.33	10.60	23.2	11.06
and		203.19	210.00	6.81	1.55	11.02	1.77
including		203.19	204.40	1.21	4.48	15.1	4.78
KL-12-73	Eastern Klaza	38.25	41.57	3.32	0.98	28.8	1.56
and		64.55	65.55	1.00	2.30	36.2	3.02
and		165.30	166.50	1.20	0.62	84.1	2.30
and		237.75	238.82	1.07	2.06	6.15	2.18
KL-12-74	BRX	206.89	207.89	1.00	4.85	35.7	5.56
and		244.64	246.70	2.06	3.75	0.05	3.75
KL-12-75	Western Klaza	78.68	80.50	1.82	5.66	5.57	5.77
and		103.30	104.30	1.00	2.91	299	8.89
KL-12-76	Eastern Klaza	92.00	93.08	1.08	1.64	6.97	1.77
and		103.27	111.51	8.24	1.11	5.27	1.22
Including		103.27	104.53	1.26	3.22	6.82	3.36
and		173.94	175.35	1.41	0.77	86.4	2.50
KL-12-77	Eastern	58.00	59.00	1.00	14.65	392	22.49

and	Klaza	193.04	199.26	6.22	1.39	16.07	1.71
and		194.26	195.26	1.00	7.43	65.2	8.73
KL-12-78		48.22	57.27	9.05	1.12	38.5	1.89
and	Eastern Klaza	97.05	98.05	1.00	2.43	22.6	2.88
and		191.43	193.45	2.02	1.08	9.02	1.26
and		203.85	205.98	2.13	1.30	4.67	1.39
KL-12-79	Western Klaza	91.56	94.77	3.21	3.18	516	13.50
including		92.65	93.77	1.12	7.47	1350	34.50
KL-12-80		187.53	189.95	2.42	2.29	24.7	2.78
and	Eastern Klaza	196.95	204.20	7.25	1.06	8.58	1.23
including		203.15	204.20	1.05	6.52	6.88	6.66
and		288.00	289.25	1.25	1.94	3.22	2.00
KL-12-81		12.68	13.68	1.00	2.84	14.5	3.13
and	Dickson	28.24	29.76	1.52	1.61	3.44	1.67
and		59.43	61.61	2.18	4.81	2.36	4.86
and		89.37	90.37	1.00	3.63	130	6.23
KL-12-82		92.90	94.50	1.60	0.85	369	8.23
and	Eastern Klaza	185.52	189.75	4.23	0.54	36.09	1.26
including		185.52	186.52	1.00	1.76	146	4.68
and		240.22	247.04	6.82	1.13	14.6	1.42
including		240.22	241.23	1.01	3.19	49.2	4.17
KL-12-83	Dickson	45.01	46.36	1.35	5.83	132	8.47
and		105.83	107.17	1.34	0.73	59.1	1.91
KL-12-85	Eastern Klaza	207.64	208.64	1.00	0.62	36.5	1.35
KL-12-86	Dickson	115.69	116.69	1.00	7.08	127	9.62
KL-12-87	Regional	194.50	196.00	1.50	1.19	7.06	1.33
KL-12-88	BRX	236.83	247.42	10.59	1.36	58.1	2.52

including		236.83	239.41	2.58	4.64	181	8.26
KL-12-89	Pika	55.39	57.59	2.20	3.84	43.2	4.70
KL-12-91	AEX?	98.02	99.07	1.05	17.65	119	20.03
and	BRX	295.13	296.50	1.37	3.27	33.6	3.94
and		333.89	336.13	2.24	0.73	19.5	1.12
KL-12-92	Pika	117.08	120.05	2.97	1.14	4.5	1.23
and	Herc	171.82	172.82	1.00	2.80	8.46	2.97
KL-12-95	Pika	121.65	123.08	1.43	1.38	0.74	1.39
and	Herc	250.57	252.85	2.28	3.39	205	7.49
and		258.75	259.75	1.00	1.38	53.7	2.45
KL-12-93	Pika	90.17	93.59	3.42	1.51	23.2	1.97
including		90.17	91.51	1.34	3.47	21.2	3.94
and		108.70	109.70	1.00	6.29	61.9	7.53
KL-12-96	BRX	329.74	345.36	15.62	5.78	111	8.00
including		329.74	332.06	2.32	25.10	621	37.50
and including		342.46	345.36	2.90	10.55	92.7	12.40
KL-12-97	AEX	63.85	65.33	1.48	1.15	5.54	1.26
and		72.74	75.29	2.55	1.57	4.26	1.66
and	BRX	223.86	225.69	1.83	1.61	12.7	1.86
and		236.92	248.51	11.59	1.71	6.44	1.84
including		236.92	238.23	1.31	13.05	17.65	13.40
KL-12-99	BRX	204.22	205.22	1.00	0.52	118	2.88
KL-12-100	Herc	208.55	209.55	1.00	0.45	61.4	1.68
and		247.04	248.04	1.00	1.31	29.3	1.90
KL-12-101	Dickson	44.37	45.60	1.23	2.37	34.4	3.06
KL-12-102	BRX	296.93	308.20	11.27	0.31	40.5	1.12
including		296.93	298.44	1.51	1.75	209	5.93

KL-12-103	AEX	19.28	20.28	1.00	1.16	35.7	1.87
and		26.07	29.90	3.83	1.21	49.0	2.19
including		28.38	29.90	1.52	1.90	111	4.12
KL-12-105	BRX	179.84	180.95	1.11	0.54	50.0	1.54
and		189.46	191.11	1.65	1.62	286	7.34
KL-12-106	BRX	227.99	228.99	1.00	1.01	59.3	2.20
and		250.36	251.36	1.00	3.42	116	5.74
KL-12-107	Western Klaza	111.49	112.49	1.00	4.64	191	8.46
and		121.73	122.73	1.00	1.18	3.42	1.25
and		204.80	206.08	1.28	2.13	4.94	2.23
KL-12-108	Dickson	73.71	77.09	3.38	3.09	78.6	4.66
KL-12-109	AEX	4.90	6.89	1.99	1.29	24.7	1.78
and	BRX	266.67	267.86	1.19	3.57	283	9.23
and		276.97	277.97	1.00	0.92	16.9	1.26
KL-12-110	Eastern Klaza	36.82	38.05	1.23	1.39	7.64	1.54
and		49.22	50.22	1.00	1.96	8.46	2.13
and		56.53	62.94	6.41	1.71	10.53	1.92
including		61.83	62.94	1.11	4.81	39.1	5.59
and		113.75	114.77	1.02	1.22	156	4.34
and		136.80	137.80	1.00	0.72	33.6	1.39
and		212.52	213.52	1.00	1.26	3.97	1.34
and		218.82	219.82	1.00	1.67	6.1	1.79
and		233.00	234.01	1.01	1.55	40.2	2.35
and		298.35	299.94	1.59	1.50	2.76	1.56
and		302.97	304.08	1.11	1.40	2.77	1.46
and		319.64	322.01	2.37	3.18	1.67	3.21
KL-12-112	BRX	262.34	263.11	0.77	1.74	167	5.08
and		266.09	267.09	1.00	1.08	19.8	1.48
KL-12-114	BRX	45.58	47.85	2.27	6.86	153	9.92

and		81.15	82.15	1.00	2.26	51.2	3.28
and	Pika	106.64	119.22	12.58	2.25	40.0	3.05
including		106.64	107.64	1.00	9.55	137	12.30
and including		117.70	119.22	1.52	11.30	233	16.00
and	Herc	183.51	185.85	2.34	1.32	8.4	1.48
KL-12-115	Western Klaza	180.42	181.53	1.11	1.60	1.08	1.62
and		214.47	221.59	7.12	4.51	332	11.15
including		214.47	215.50	1.03	2.98	1560	34.18
and including		219.48	221.59	2.11	13.75	357	20.89
KL-12-116	Eastern Klaza	115.75	116.75	1.00	0.53	53.6	1.60
and		211.09	212.09	1.00	2.56	2.31	2.61
and		226.79	227.92	1.13	2.15	8.35	2.32
and		229.24	230.62	1.38	0.98	19.6	1.37
and		273.35	274.35	1.00	0.98	12.9	1.24
and		297.74	298.79	1.05	3.81	6.6	3.94
and		323.81	325.22	1.41	0.70	34.9	1.40
and		368.50	369.51	1.01	1.76	11.65	1.99
and		396.00	397.00	1.00	1.22	0.59	1.23
KL-12-117	Chevron	108.81	109.81	1.00	1.73	38.0	2.49
KL-12-118	BRX	158.42	166.05	7.63	0.62	33.3	1.29
including		165.05	166.05	1.00	1.85	145	4.75
KL-12-120	Chevron	72.79	73.80	1.01	2.54	45.6	3.45
and		101.09	102.35	1.26	3.97	95.4	5.88
and		118.73	119.73	1.00	0.34	50.0	1.34
KL-12-121	Eastern Klaza	87.69	89.03	1.34	1.29	5.02	1.39
and		93.50	94.50	1.00	0.71	25.1	1.21
and		295.70	296.85	1.15	1.24	1.58	1.27
and		301.10	302.12	1.02	1.22	2.48	1.27
and		374.60	376.42	1.82	1.52	4.14	1.60
and		386.60	404.63	18.03	1.43	2.69	1.48
including		386.60	387.70	1.10	5.30	11.8	5.54

and including		393.79	396.09	2.30	3.88	4.38	3.97
KL-12-122	Western Klaza	35.45	37.20	1.75	0.48	82.5	2.13
and		160.20	161.50	1.30	0.70	40.1	1.50
and		207.07	208.07	1.00	2.42	37.0	3.16
and		235.45	238.35	2.90	1.44	15.83	1.76
including		235.45	237.16	1.71	2.09	20.3	2.50
and		301.20	302.25	1.05	15.90	333	22.60
KL-12-123	BRX	248.85	249.85	1.00	5.09	37.4	5.84
and		258.33	259.53	1.20	1.89	13.9	2.17
and		277.07	278.07	1.00	1.02	15.05	1.32
KL-12-124	Western Klaza	7.20	9.82	2.62	1.33	42.6	2.18
and		42.00	43.00	1.00	0.67	49.5	1.66
and		202.94	203.94	1.00	1.98	72.3	3.43
and		260.75	264.59	3.84	0.95	40.1	1.75
and		291.78	292.91	1.13	1.08	34.1	1.76
KL-12-125	BRX	202.93	203.98	1.05	3.94	18.2	4.30
and		225.17	228.69	3.52	1.83	17.81	2.19
including		225.17	226.51	1.34	2.69	29.9	3.29
and		236.83	237.83	1.00	1.56	18.55	1.93
and		252.07	257.00	4.93	2.86	20.2	3.26
including		252.07	253.44	1.37	5.75	8.05	5.91
and including		255.85	257.00	1.15	5.36	75.8	6.88
and		265.26	266.26	1.00	2.49	3.33	2.56
and		269.73	270.73	1.00	4.96	5.95	5.08
KL-12-126	BRX	65.30	68.95	3.65	1.31	43.9	2.19
including		65.30	66.40	1.10	1.62	116	3.94
and including		67.80	68.95	1.15	2.40	22.9	2.86
and	Pika	133.70	135.30	1.60	4.40	4.06	4.48
and		145.40	147.30	1.90	2.06	23.9	2.54
and		179.92	181.97	2.05	1.58	1.54	1.61
and		189.50	190.50	1.00	1.56	2.5	1.61

KL-12-127	Western Klaza	37.51	38.56	1.05	1.72	94.8	3.62
and		168.11	169.11	1.00	5.73	204	9.81
and		186.35	187.35	1.00	1.41	169	4.79
KL-12-128	BRX	160.74	162.15	1.41	1.15	10.85	1.37
and		163.80	164.80	1.00	0.80	23.6	1.27
and		171.48	174.15	2.67	1.08	0.96	1.10
KL-12-131	Western Klaza	168.80	172.30	3.50	1.28	14.69	1.57
including		168.80	169.90	1.10	2.75	1.05	2.77
and		243.09	246.50	3.41	1.28	135	3.98
including		243.09	245.25	2.16	1.25	207	5.39
and		291.50	292.50	1.00	0.55	46.0	1.47
KL-12-132	BRX	186.88	188.36	1.48	5.11	41.1	5.93
KL-12-133	Central Klaza	104.20	105.20	1.00	0.82	88.4	2.59
and		136.25	137.27	1.02	1.03	28.3	1.60
and		160.63	161.63	1.00	1.62	105	3.72
and		237.41	239.41	2.00	2.36	218	6.72
including		237.41	238.41	1.00	3.22	400	11.22
and		260.45	261.45	1.00	1.92	13.6	2.19
and		292.77	293.77	1.00	2.13	19.3	2.52
and		334.30	336.10	1.80	2.78	29.0	3.36
and		359.93	360.93	1.00	0.66	265	5.96
and		383.27	384.27	1.00	0.97	16.0	1.29
and		422.76	423.76	1.00	1.57	55.3	2.67
and		439.00	445.70	6.70	11.90	5.23	12.01
including		439.00	440.00	1.00	5.25	8.32	5.42
and including		442.70	445.70	3.00	24.50	3.39	24.57
KL-12-134	BRX	65.60	66.90	1.30	0.36	53.1	1.42
KL-12-135	BRX	433.51	436.15	2.64	3.66	112	5.90
including		434.70	436.15	1.45	5.87	197	9.81
KL-14-136	BRX	58.30	58.80	0.50	2.98	12.5	3.23

KL-14-137	secondary	24.42	27.41	2.99	1.92	29.8	2.52
and	BRX	110.87	112.28	1.41	10.60	32.2	11.24
including		111.40	111.71	0.31	38.90	107	41.04
and		125.15	128.10	2.95	26.90	181	30.52
including		125.15	126.46	1.31	56.40	318	62.76
KL-14-138	BRX	131.80	132.43	0.63	40.50	536	51.22
KL-14-139	secondary	98.05	98.81	0.76	1.98	13.0	2.24
KL-14-141	secondary	109.40	110.35	0.95	1.84	13.0	2.10
and	BRX	137.21	138.31	1.10	29.90	660	43.10
KL-14-142	BRX	155.13	157.52	2.39	6.38	83.8	8.06
including		157.16	157.52	0.36	39.00	498	48.96
KL-14-143	BRX	118.92	120.20	1.28	2.23	47.0	3.17
and		123.40	125.05	1.65	28.90	669	42.28
KL-14-144	BRX	102.27	104.67	2.40	10.25	259	15.43
including		102.92	103.76	0.84	26.80	705	40.90
and		108.34	112.10	3.76	10.99	21.0	11.41
including		111.09	112.10	1.01	29.30	36.8	30.04
KL-14-145	BRX	96.99	99.89	2.90	10.79	121	13.21
including		96.99	97.76	0.77	13.05	310	19.25
and including		99.59	99.89	0.30	67.40	320	73.80
KL-14-146	secondary	63.36	64.36	1.00	3.62	24.9	4.12
KL-14-147	BRX	145.81	150.40	4.59	7.36	225	11.86
including		145.81	147.70	1.89	15.95	123	18.41
and including		149.56	150.40	0.84	4.06	946	22.98
KL-14-148	BRX	190.95	194.97	4.02	1.35	10.5	1.56
and	secondary	210.20	210.47	0.27	4.31	148	7.27

KL-14-149	BRX	60.00	60.95	0.95	0.76	2.51	0.81
KL-14-149		67.68	71.35	3.67	1.39	4.58	1.48
KL-14-149		76.03	77.53	1.50	0.51	15.7	0.82
KL-14-149		84.94	87.55	2.61	0.92	12.6	1.17
KL-14-150	BRX	46.49	49.47	2.98	26.71	172	30.15
incl.		46.49	47.17	0.68	51.50	181	55.12
and incl.		48.31	49.47	1.16	38.20	333	44.86
and		57.92	58.43	0.51	1.64	36.7	2.37
KL-14-151	BRXb	142.95	144.20	1.25	1.50	77.8	3.06
and	BRX	183.95	187.16	3.21	22.43	245	27.33
and		183.95	188.18	4.23	17.37	193	21.23
incl.		183.95	184.75	0.80	31.00	310	37.20
and incl.		186.44	187.16	0.72	64.90	725	79.40
KL-14-152	BRXb	6.24	9.66	3.42	1.63	5.54	1.74
and	BRX	61.20	64.24	3.04	7.86	61.3	9.09
incl.		62.14	62.83	0.69	25.20	163	28.46
KL-14-153	BRXb	17.37	18.09	0.72	8.74	71.2	10.16
and	BRX	63.30	67.10	3.80	4.47	23.8	4.95
incl.		66.70	67.10	0.40	19.10	112	21.34
and		71.45	73.51	2.06	14.30	142	17.14
incl.		72.75	73.51	0.76	32.20	252	37.24
and		63.30	73.51	10.21	4.59	38.1	5.35
KL-14-154	BRX	46.70	49.27	2.57	26.39	163	29.65
incl.		46.70	47.70	1.00	66.20	403	74.26
and		60.05	60.38	0.33	2.74	7.04	2.88
KL-14-155	BRX	105.60	106.02	0.42	6.14	369	13.52
and		116.70	117.02	0.32	3.09	18.8	3.47
KL-14-156	BRXb	114.03	114.50	0.47	6.05	101	8.07
and	BRX	196.32	198.81	2.49	5.68	253	10.74
incl.		197.84	198.81	0.97	14.30	513	24.56

KL-14-157	BRX	69.59	71.33	1.74	9.65	240	14.45
incl.		69.59	70.24	0.65	18.55	334	25.23
and		79.52	79.93	0.41	1.58	777	17.12
KL-14-158	BRX	144.65	146.04	1.39	12.28	123	14.74
incl.		144.65	145.57	0.92	17.27	175	20.77
and		163.12	163.88	0.76	27.84	291	33.66
incl.		163.12	163.62	0.50	42.00	432	50.64
KL-14-159	PEARL	22.86	25.91	3.05	1.52	8.61	1.69
and		184.40	184.83	0.43	1.90	3.2	1.96
and		215.15	215.80	0.65	2.23	23.8	2.71
KL-14-160	BRX	74.20	76.14	1.94	2.15	88.4	3.92
KL-14-161	BRX	36.91	37.37	0.46	0.47	110	2.67
KL-14-162	Pearl	38.35	40.08	1.73	2.00	7.27	2.15
and		52.25	52.70	0.45	2.94	64.0	4.22
KL-14-163	BRX	170.63	171.14	0.51	4.06	75.5	5.57
KL-14-165	BRX	84.30	88.35	4.05	1.30	59.9	2.50
incl.		84.30	85.34	1.04	4.70	190	8.50
KL-14-166	Central Klaza	32.37	35.52	3.15	1.62	59.0	2.80
incl.		32.37	32.90	0.53	3.09	118	5.45
and		48.75	49.80	1.05	1.64	147	4.58
and		70.62	71.63	1.01	0.15	154	3.23
and		98.68	100.15	1.47	2.00	17.4	2.35
KL-14-167	BRX	142.17	145.24	3.07	0.31	121	2.73
incl.		142.17	142.56	0.39	2.02	619	14.40
and		150.74	152.60	1.86	1.24	107	3.38
incl.		150.74	151.33	0.59	3.27	304	9.35
KL-14-168	BRX	141.93	144.38	2.45	0.55	39.9	1.35

incl.		141.93	142.34	0.41	1.68	114	3.96
and		149.10	149.55	0.45	1.84	116	4.16
KL-14-169	Central Klaza	77.28	78.46	1.18	6.01	72.7	7.46
and		88.35	95.20	6.85	0.68	10.7	0.89
incl.		94.80	95.20	0.40	6.57	116	8.89
and		126.20	126.74	0.54	3.37	112	5.61
and		138.40	141.02	2.62	3.87	38.3	4.64
incl.		140.06	141.02	0.96	7.13	46.6	8.06
KL-14-170	BRX	184.03	185.67	1.64	1.21	271	6.63
incl.		184.96	185.41	0.45	2.49	664	15.77
KL-14-171	Central Klaza	76.78	81.19	4.41	3.58	160	6.78
incl.		76.78	77.40	0.62	22.90	1100	44.90
and		137.22	137.95	0.73	11.85	56.4	12.98
KL-14-172	BRXb	180.31	182.22	1.91	2.85	20.4	3.26
and	BRX	261.29	265.74	4.45	6.65	157	9.79
incl.		261.29	262.30	1.01	27.80	656	40.92
KL-14-173	Central Klaza	74.90	76.83	1.93	3.03	39.0	3.81
and		104.30	105.37	1.07	1.00	291	6.82
KL-14-174	Central Klaza	35.92	37.39	1.47	4.08	71.1	5.50
KL-14-175	Central Klaza	87.47	88.72	1.25	1.58	128	4.14
and		129.20	130.17	0.97	4.67	34.0	5.35
and		142.17	144.12	1.95	1.72	12.6	1.97
and		150.05	150.65	0.60	1.98	66.6	3.31
and		185.83	187.20	1.37	1.04	58.9	2.22
and		201.35	204.60	3.25	1.67	29.0	2.25
incl.		201.35	202.41	1.06	2.10	62.1	3.34
KL-14-176	Western Klaza	58.61	58.86	0.25	10.25	130	12.85

KL-14-177	BRX	279.39	281.80	2.41	8.71	38.2	9.47
incl.		281.14	281.80	0.66	26.80	101	28.82
KL-14-178	Western Klaza	95.86	97.64	1.78	14.19	353	21.25
including		95.86	96.82	0.96	25.30	637	38.04
KL-14-179	Western Klaza	111.85	112.69	0.84	3.20	149	6.18
KL-14-180	secondary	45.20	46.20	1.00	1.64	361	8.86
and	Western Klaza	249.55	250.61	1.06	20.60	93.8	22.48
KL-14-181	BRX	285.06	287.45	2.39	10.21	115	12.51
incl.		286.34	287.45	1.11	20.73	235	25.43
KL-14-182	Klaza	183.89	184.71	0.82	14.60	778	30.16
KL-14-183	BRXb	163.68	164.84	1.16	3.62	107	5.76
and	BRX	225.44	226.01	0.57	2.88	16.0	3.20
and		231.52	232.16	0.64	2.99	53.2	4.05
and		261.22	261.59	0.37	35.50	359	42.68
KL-14-184	Western Klaza	163.62	170.65	7.03	3.55	41.6	4.25
including		163.62	163.86	0.24	12.60	1130	35.20
and including		169.99	170.65	0.66	30.90	5.28	31.01
KL-14-185	secondary	49.30	50.30	1.00	0.66	314	6.94
and	Western Klaza	147.17	149.74	2.57	3.94	270	9.34
including		147.17	148.85	1.68	5.20	168	8.56
KL-14-186	BRX	219.02	221.20	2.18	10.23	298	16.19
incl.		219.02	219.76	0.74	3.79	593	15.65
and incl.		220.74	221.20	0.46	41.80	433	50.46
KL-14-187	secondary	39.82	40.96	1.14	3.13	8.85	3.31
and	Western Klaza	203.30	203.82	0.52	8.35	96.0	10.27
and		212.26	212.52	0.26	5.11	420	13.51

KL-14-188	BRX	211.25	213.05	1.80	2.08	3.81	2.16
and		215.28	218.75	3.47	9.86	220	14.25
incl.		217.28	218.75	1.47	21.50	323	27.96
KL-14-189	Western Klaza	133.45	136.36	2.91	4.35	159	7.53
including		133.45	134.39	0.94	5.80	250	10.80
KL-14-190	Western Klaza	121.08	122.21	1.13	2.84	25.3	3.35
and		140.19	140.55	0.36	6.59	107	8.73
KL-14-192	BRX	230.30	235.13	4.83	2.08	30.6	2.69
incl.		230.30	231.20	0.90	8.92	63.5	10.19
KL-14-193	Central Klaza	157.49	158.11	0.62	2.63	53.3	3.70
and		180.50	180.70	0.20	2.25	169	5.63
and		249.84	253.00	3.16	2.59	9.16	2.77
incl.		252.71	253.00	0.29	23.60	55.1	24.70
KL-14-194	BRX	63.23	63.95	0.72	6.05	318	12.41
and		72.40	73.65	1.25	2.84	185	6.55
incl.		72.75	73.65	0.90	3.84	241	8.66
KL-14-195	BRX	214.94	218.57	3.63	3.21	18.7	3.52
incl.		214.94	215.51	0.57	6.14	44.0	6.87
and incl.		218.23	218.57	0.34	13.30	68.1	14.44
KL-14-196	BRX	57.72	62.33	4.61	1.92	214	6.21
incl.		57.72	58.78	1.06	2.65	359	9.83
and incl.		59.26	60.05	0.79	4.87	457	14.01
KL-14-197	BRX	79.70	80.43	0.73	6.76	978	26.32
KL-14-198	BRX	69.28	70.53	1.25	3.56	102	5.61
incl.		70.26	70.53	0.27	14.90	412	23.14
and		79.68	80.75	1.07	7.74	156	10.87
incl.		79.68	80.30	0.62	13.20	266	18.52

KL-14-199	Central Klaza	104.18	104.66	0.48	2.29	116	4.61
and		114.20	114.69	0.49	2.65	85.0	4.35
and		193.30	193.82	0.52	3.87	111	6.09
and		284.56	285.09	0.53	31.80	481	41.42
and		339.30	342.28	2.98	2.56	33.7	3.23
incl.		339.30	340.25	0.95	6.23	82.0	7.87
and		360.12	362.57	2.45	11.13	65.9	12.45
incl.		360.12	360.37	0.25	37.70	111	39.92
and incl.		362.25	362.57	0.32	55.30	406	63.42
and		377.15	377.67	0.52	2.30	122	4.74
KL-14-200	BRX	60.28	62.43	2.15	1.04	63.1	2.30
incl.		60.28	60.58	0.30	2.70	99.9	4.70
KL-14-201	Western Klaza	47.05	47.91	0.86	1.90	32.5	2.55
KL-14-202	BRX	69.05	69.35	0.30	2.49	80.2	4.09
KL-14-203	BRX	67.72	68.38	0.66	1.89	102	3.92
KL-14-204	Western Klaza	33.22	33.71	0.49	0.59	62.2	1.83
KL-14-205	BRX	76.76	79.11	2.35	1.28	104	3.37
incl.		77.51	78.33	0.82	2.49	203	6.55
KL-14-206	Western Klaza	83.70	85.71	2.01	2.56	757	17.70
KL-14-207	BRX	71.72	80.08	8.36	0.91	80.0	2.51
incl.		71.72	72.43	0.71	3.20	121	5.62
and incl.		74.33	74.93	0.60	5.40	110	7.61
and incl.		78.38	78.78	0.40	1.92	683	15.58
and incl.		79.73	80.08	0.35	1.96	582	13.60
KL-14-208	secondary	70.12	71.50	1.38	2.62	2.82	2.68
and	Western Klaza	129.38	129.89	0.51	16.45	208	20.61

KL-14-209	BRX	63.37	63.83	0.46	3.03	52.3	4.08
KL-14-210	Central Klaza	87.74	88.04	0.30	0.84	234	5.52
and		278.15	279.50	1.35	5.70	19.6	6.09
and		285.28	286.20	0.92	8.52	232	13.16
and		303.68	305.75	2.07	2.33	18.3	2.70
incl.		303.68	304.17	0.49	8.10	46.9	9.04
and		348.65	349.97	1.32	5.65	466	14.98
incl.		349.65	349.97	0.32	16.60	1900	54.60
KL-14-211	BRX	85.79	86.09	0.30	3.23	25.0	3.73
KL-14-212	Western Klaza	75.96	76.12	0.16	14.20	872	31.64
and		89.84	90.21	0.37	2.14	244	7.02
KL-14-213	BRX	56.61	57.71	1.10	7.79	128	10.35
incl.		57.04	57.71	0.67	12.15	196	16.07
KL-14-214	secondary	25.61	26.24	0.63	1.64	145	4.54
and	Western Klaza	72.27	73.54	1.27	7.74	427	16.28
including		72.27	72.70	0.43	14.35	1160	37.55
KL-14-215	BRX	73.03	73.75	0.72	10.20	95.8	12.12
KL-14-216	Western Klaza	55.74	56.61	0.87	13.92	495	23.82
including		55.74	55.93	0.19	49.50	1320	75.90
KL-14-217	BRX	57.70	60.00	2.30	2.71	10.4	2.91
incl.		58.00	58.30	0.30	17.20	36.3	17.93
and		71.39	82.00	10.61	0.89	29.6	1.48
incl.		73.90	74.91	1.01	3.12	76.1	4.65
and incl.		78.44	79.92	1.48	1.90	82.6	3.55
KL-14-218	Western Klaza	45.46	49.99	4.53	4.46	176	7.97
including		45.46	46.24	0.78	15.25	789	31.03
and including		49.69	49.99	0.30	25.10	544	35.98

KL-14-220	BYG	6.00	7.08	1.08	0.13	90.5	1.94
and		12.35	13.30	0.95	1.64	43.5	2.51
and		34.13	35.75	1.62	0.97	18.8	1.34
and	Western Klaza	267.63	270.06	2.43	2.82	61.2	4.05
including		269.60	270.06	0.46	9.83	305	15.93
and		277.19	278.65	1.46	15.38	741	30.20
including		277.19	277.72	0.53	33.20	1625	65.70
KL-14-221	Western Klaza	95.28	97.44	2.16	2.18	37.9	2.93
including		97.14	97.44	0.30	5.04	227	9.58
KL-14-222	Central Klaza	206.40	207.07	0.67	3.46	40.3	4.27
and		223.17	223.52	0.35	3.98	124	6.46
and		275.43	276.90	1.47	5.15	179	8.73
and		410.57	412.05	1.48	8.33	201	12.35
KL-14-224	BYG	17.89	19.57	1.68	11.22	10.6	11.44
and	Western Klaza	251.50	254.53	3.03	0.59	24.5	1.08
incl.		251.50	252.07	0.57	1.72	104	3.80
KL-14-229	BRX	301.81	302.90	1.09	3.68	38.2	4.45
incl.		302.57	302.90	0.33	10.90	94.7	12.79
KL-14-231	unnamed	133.25	133.91	0.66	4.31	15.7	4.62
KL-14-232	unnamed	48.36	49.69	1.33	2.29	38.8	3.07
and	Herc	196.41	196.66	0.25	8.06	175	11.56
and		204.14	204.69	0.55	6.75	25.4	7.26
KL-14-234	Pearl	97.28	99.85	2.57	2.09	5.68	2.21
and		128.79	129.20	0.41	5.97	13.6	6.24
and		263.86	264.26	0.40	4.20	15.8	4.52
KL-14-235	BRX	236.47	236.90	0.43	12.25	60.3	13.46
KL-14-238	BRX	502.44	520.94	18.50	2.19	120	4.58
incl.		519.57	520.94	1.37	16.29	1435	44.98

KL-14-239	unnamed	239.22	240.26	1.04	3.68	20.9	4.10

*Au equivalence (EQ) has been calculated using metal prices of $1100 per ounce gold and $22.00 per ounce silver (50:1), to be consistent with earlier calculations. It assumes 100% recoveries.

APPENDIX VII

EXCAVATOR TRENCH DATA

035°

ING WEST

383,719 mE
6,899368mN

383,737.2mE
6,899,345 mN

383,755.5mE
6,899,431 mN

VEN

UNSAMPLED

OVB OVB OVB

VEN

QFP

QFP

40 45 50 55 60 65 70 75 80 85 90 95 105 110 115 120 125 130 135 140 145 150 155 160 165

unaltered granodiorite.
not sampled.

mainly unaltered granodiorite with moderate oxidation

unaltered granodiorite with moderate to pervasive oxidation and limonite staining on fractures.

quartz-feldspar dyke and a small ~50cm heavily oxidized and fractured zone of granodiorite; both heavily oxidized and limonite stained.

highly fractured and intensly silicified phyllic granodiorite with pervasive gauge and clay on fracture surfaces. local sulphide pitting. segments highly clay altered gauge.

highly clay altered granodiorite. gauge seams throughout. moderate limonite on fracture surfaces.

patchy phyllic altered granodiorite with pervasive oxidized grit on fracture surfaces. limonite and goethite on fractures.

heavily phyllic and silicified granodiorite. pervasive oxidation and limonite on fracture surfaces

unaltered granodiorite with oxidation and limonite on fracture surfaces.

pervasively oxidized granodiorite. limonite staining. small gauge veins throughout.

heavily oxidized gauge with local nuclear blue bleb. quartz grains throughout.

nuclear blue gauge zone bands in oxidized gauge zone. quartz grains throughout. local hematite and limonite staining.

intensly goethite altered granodiorite. very friable. oxidized grit on fractures.

intensly oxidized and locally altered granodiorite pervasive limonite and goethite staining on fracture surfaces. granodiorite is argillic to moderately phyllic altered

Moderately phyllic altered granodiorite with moderate silicification. Pervasive goethite staining on fractures. disseminated pyrite.

phyllic and heavily oxidized granodiorite. pervasive oxidation and clay grit on all fracture surfaces. local limonite and goethite.

heavily clay and phyllic altered granodiorite with oxidized gauge locally limonite and goethite alteration on fractures.

- oxidized to nuclear white gauge. quartz grains throughout.
- nuclear bluish-yellow gauge vein. quartz grains throughout
- oxidized to nuclear white gauge. quartz grains throughout
- block, extremely friable goethite stained granodiorite.
- patchy argillic granodiorite highly fractured and intensly oxidized
- oxidized gauge zone with quartz grains and fractured quartz veins. local bright red hematite alteration
- highly friable intensly silicified and phyllic granodiorite
- oxidized gauge quartz grains locally throughout.
- friable, altered granodiorite with local limonite and hematite alteration clay on fractures
- orange to tan gauge zone. quartz grains locally throughout.
- blocky, friable, heavily altered granodiorite with clay alteration on fractures. pervasive hematite alteration
- gauge to oxidized zone. abundant quartz grains throughout.
- nuclear gauge zone. quartz grains throughout.
- oxidized with quartz grains/veins within white quartz.
- zone with visible pockets granodiorite. pervasive hematite competent blocky granodiorite
- altered granodiorite with clay alteration and local limonite and hematite
- nuclear white/yellow limonite and hematite
- altered phyllic granodiorite. pervasive oxidation and limonite

- patchy altered granodiorite. locally silicified phyllic. pervasive oxidation and limonite staining
- moderately altered granodiorite with local clay seams throughout. pervasive oxidation and limonite
- nuclear gauge zone. quartz grains and fragments of quartz veins throughout.
- alternating nuclear gauge and oxidized gauge. small ~15cm intensly goethite altered granodiorite in middle of zone. quartz grains throughout.

VEIN ZONE
light tan to nuclear blue vein zone. intensly gaugey. colour variation mottled throughout. quartz grains and fractured veins/veinlets seen.

- heavily oxidized grit/gauge zone. local gray quartz bands throughout. quartz grains pervasive.
- highly friable, intensly limonite altered with pervasive gauge throughout. quartz grains locally in gauge.
- nuclear gauge zone and oxidized gauge zone. colour change is patchy and mottled. quartz grains throughout.
- mainly unaltered granodiorite with oxidized grit on fracture surfaces. local limonite staining

mid-red quartz-feldspar porphyry dyke. weakly oxid... and limonite stained. very blocky.

highly altered granodiorite with local argillic a... local clay gauge zones. pervasive limonite and g... all fracture surfaces.

intensly fractured and limonite stained granod... oxidation and limonite and goethite on fractures. ... seams throughout with quartz grains.

light tan to nuclear white gauge vein. quartz grains throughout. competent sections are intensly silicified, phyllic granodiorite.

intensly fractured and limonite stained granodiorite. pervasive oxidation, limonite and goethite on fractures. local clay gauge seams throughout with quartz grains.

VEN ZONE - gaugey vein zone with nuclear vein material

propylitic ... local oxidiz...

Heavily cl... argillic alt... in gauge.

intensly a... purple st... oxidation

blocky ... local ar... oxidation

sections

c on

pervasive clay gauge

d granodiorite with ouge seams

tered gauge zone with local segments. quartz grains locally

c altered granodiorite with local grey- g (hematite?). moderate to strong

derately to strongly altered granodiorite. ic and phyllic alteration pervasive and clay on fractures. trace disseminated pyrite in phyllic altered segments.

Highly friable heavily oxidized and and altered granodiorite. Goethite and limonite staining on fractures

intensly argillic altered granodiorite with weak to moderate oxidation. local limonite and goethite.

- weak phyllic altered granodiorite with moderate argillic. nubbly extensive oxidation and limonite/goethite alteration

blocky, mainly unaltered granodiorite with local clay alteration on fractures. moderately limonite + goethite stained.

intensly argillic and oxidized granodiorite. heavy clay alteration limonite and weak hematite on fractures.

moderately argillic altered granodiorite with clay seams throughout. heavy oxidation and limonite. highly fractured.

granodiorite with extensive clay alteration on all fractures. mainly unalt. granodiorite with local argillic. moderate limonite

moderately argillic granodiorite with pervasive clay alteration. local clay gauge zones.

oxidized gauge zone with very intense goethite staining. heavy sericite alteration in bands. very pitted. limonite on fractures.

Majority of interval gauge.
- gaugey clay altered granodiorite segments with smokey qtz veins. local limonite + goethite.

- moderately to intensly clay altered granodiorite. local visible argillic patches. heavily oxidized. limonite and goethite on fractures.
- moderately to intensly clay altered granodiorite with local argillic alteration. moderate limonite on fractures.
- highly goethite altered granodiorite with gauge seams throughout. very intense hematite staining and blebs locally along seams. weak sericite alteration
- gaugey clay zone with quartz veins and veinlets throughout - smokey. limonite and goethite.
- intensly quartz-rich altered granodiorite, gauge seams throughout. limonite + goethite staining. smokey quartz veins and veinlets throughout.
- highly altered granodiorite with pervasive clay alteration on fractures. limonite + goethite throughout.
- intensly argillic altered granodiorite with weak to moderate oxidation. local limonite and goethite.
- highly friable, heavily oxidized and altered granodiorite goethite and limonite staining on fractures.

- unaltered gra... unsampled.
- Argillic altered granod... oxidized clay gauge zone
- unaltered granodiorite w... oxidation on fracture
- very friable argillic altered ... to strong clay alteration on frac...
- unaltered granodiorite - very b... and clay seams. weak limonite ...

35°
WEST

383,907.9 mE
6,889,954.1 mN

Q925842

Q925757 Q925740 Q925741 Q925742 Q925811 Q925812 Q925813 Q925814 Q925815 Q925816 Q925817 Q925818* Q925820* Q925821 Q925822 Q925823 Q925824 Q925825 Q925826 Q925827 Q925828 Q925829 Q925830 Q925831 Q925832 Q925835* Q925836 Q925837 Q925838 Q925839 Q925840 Q925841 Q925842 Q925843* Q925845 Q925846 Q925847 Q925848 Q925849 Q925850 Q925851 Q925852 Q925853 Q925854 Q925855 Q925856 Q925857 Q925858 Q925859 Q925860* Q925862 Q925863 Q925864 Q925865 Q925866 Q925867 Q925868* Q925870 Q925871 Q925872 Q925873 Q925874 Q925875 Q925876 Q925877 Q925878* Q925899 Q925900 Q925901 Q925902 Q925903 Q925904 Q925905 UNSAMPLED Q925877 Q925878

upper bench sample.

OVB OVB OVB OVB OVB

GFP

289.6 291.8

160/SV 160/SV

255 260 265 270 295 290 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380

Heavily oxidized gauge vein at 250/30 intensely silicified, phyllic granodiorite with disseminated pyrite throughout, limonite + goeth. on fractures.

heavily argillic altered granodiorite with local gouge and oxidation throughout.

moderately argillic altered granodiorite. Crumbly and white. oxidation pervasive.

- moderately argillic altered granodiorite limonite and goethite on fractures

Heavily silicified granodiorite with 1-5cm white to orange gouge zones throughout, limonite + goethite on all fractures. ok brown to bluish white in colour.

intensly silicified, phyllic granodiorite disseminated pyrite throughout. silicification destroying and texture

intensly phyllic and silicified granodiorite with 0.5% disseminated pyrite throughout. pyrite stringers (1-3mm) frequent. pervasive limonite and goethite alteration on fracture surfaces.

intensly phyllic and silicified granodiorite with disseminated pyrite throughout with stringers (1-3mm) frequent. weak limonite and goethite on fractures. light blue-green colour

moderately to intensely argillic altered granodiorite with local zones of phyllic alteration pervasive limonite and goethite on fracture surfaces.

silicified phyllic footwall with 2-4% disseminated pyrite, locally tarnished or visible chalcopyrite

pervasive limonite staining

quartz grains seen throughout gouge zone. limonite/hematite/goethite altered vein

white milky quartz veins with intense alteration surrounding. vein approx 20cm true thickness dipping @ 20° TTA. actual orientation of vein 160/SV

heavily silicified granodiorite with disseminated pyrite, strong to intense limonite + hematite altered. local gouge veinlets.

heavily phyllic altered granodiorite with disseminated pyrite (stringers also seen) silicification, pyrite blebs, limonite on fracture surfaces.

heavily argillic altered granodiorite, patchy white staining throughout.

argillic and silicified granodiorite, limonite + goethite on fractures.

moderately argillic altered granodiorite staining

- moderately to strongly argillic altered granodiorite. intensly oxidized with local silicification. quartz grains throughout. pyrite + limonite on fractures).

phyllic altered granodiorite with local argillic. pyrite stringers and disseminated throughout

moderately argillic + phyllic granodiorite. local disseminated pyrite

moderately phyllic and argillic altered granodiorite. minor quartz grains. silicified zones throughout. milky quartz veinlets, small zones of intensly limonite/hematite/goethite alteration - surrounding veinlets.

moderately to intensely clay altered granodiorite - phyllic + silicified. quartz grains seen throughout. 2-3% disseminated pyrite. small limonite + quartz stringers throughout

moderately phyllic altered granodiorite. limonite + goethite on fractures.

moderately phyllic/silicified granodiorite with minor white quartz veins/veinlets. quartz gouge surrounding veins. visible disseminated pyrite in the granodiorite.

moderately phyllic and propylitic granodiorite. disseminated pyrite throughout + locally tarnished. weak oxidized clay on fractures. hematite stringers and blebs throughout.

- heavily silicified, phyllic altered granodiorite with disseminated pyrite, very oxidized and tarnished. goethite + limonite on fractures. local hematite staining on fractures of competent segments.

- phyllic and argillic altered granodiorite. Very crumbly. local oxidized gouge pockets. no visible sulphides. limonite + goethite staining on fractures of competent segments.

Heavily phyllic/silicified granodiorite. Visible quartz grains throughout, disseminated pyrite seen locally. limonite + goethite on fx.

- Footwall of vein. heavily phyllic altered granodiorite with weak propylitic alteration. limonite + goethite on fracture surfaces + oxidized gouge locally. quartz grains + disseminated pyrite locally.

- Gougey nuclear veins in intensly phyllic altered granodiorite. Sulphides seen in vein gouge. disseminated py in more competent granodiorite. Vein heavily oxidized locally.

hanging wall to vein zone. phyllic altered granodiorite with disseminated sulphides (py) throughout. limonite + goethite on all fractures.

- Heavily goethite stained granodiorite. extremely pervasive oxidation and highly fractured.

light tan to orange gougey zone. quartz grains throughout

- quartz-feldspar porphyry dyke. light brown in colour. moderate hematite, limonite, goethite staining. moderate clay on fractures.

heavily limonite goethite, hematite stained quartz-feldspar porphyry dyke. highly fractured. dark red. clay on fractures.

- low angle vein zone with local oxidized quartz-feldspar porphyry dyke dasht throughout.

combination of low angle vein zone, quartz grains throughout. more limonite/goethite/hematite staining than previous interval. minor ore grains seen in intensly limonite/hematite veins. no visible sulphides.

light tan grey to dark grey red gougey vein zone. very banded colour zones. low angle (20°) to trench floor quartz

intensly argillic altered granodiorite with moderate pervasive clay alteration. limonite + goethite on fracture surfaces.

moderately argillic and phyllic granodiorite with local quartz grains throughout. goethite and limonite on fracture surfaces.

Argillic altered granodiorite with patchy quartz grains.

moderately hematite/limonite/goethite altered argillic granodiorite. local silicification + qtz grains throughout. no sulphides.

intensly hematite altered granodiorite. highly fractured. local goethite staining

intensly argillic altered granodiorite. very pervasive oxidation

strongly argillic altered granodiorite with pervasive hematite alteration and clay alteration.

- strongly argillic altered granodiorite.

intensly goethite stained argillic granodiorite. pervasive oxidation throughout. highly fractured.

footwall to gouge vein zone. orange oxide. quartz grains. limonite on more competent fractures

nuclear white gouge vein zone. heavily clay altered with quartz grains throughout. very low angle. Strike of 170° hanging wall to vein zone. heavily clay altered to phyllic granodiorite.

moderately phyllic altered granodiorite. pervasive oxidation and limonite/hematite on fracture surfaces.

- strongly oxidized and phyllic altered granodiorite. local silicified zones throughout. minor argillic limonite/hematite. Moderately to locally intensly phyllic altered granodiorite. local nuclear clay gouge. clay alteration pervasive

moderately phyllic and argillic altered granodiorite.

Moderately oxidized/clay altered granodiorite limonite + goethite on fracture surfaces). phyllic altered

moderately propylitic + phyllic altered granodiorite with disseminated pyrite. pervasive clay alteration on all fracture surfaces)

unaltered granodiorite with pervasive limonite + goethite on all fractures

Heavily clay altered quartz-grain rich gouge zone. bright orange in colour. structure @ 25° to trench. floor colour variations within gouge.

moderately argillic altered granodiorite with local phyllic alteration. intensly clay altered. pervasive oxidation and limonite + goethite on fractures

semi-frozen oxidized hanging wall gouge. qtz grains throughout.

Heavily oxidized hangingwall to vein. tan/brown/orange gouge. quartz grains throughout

Phyllic and local argillic altered granodiorite with moderate to intense goethite staining. pervasive clay alteration on fractures.

- patchy argillic and phyllic altered granodiorite. pervasive goethite staining

Very intensly argillic and clay altered granodiorite. pervasive limonite + goethite staining

- blocky, weakly argillic and phyllic altered granodiorite with local propylitic alteration. intense goethite + limonite on fractures.

- heavily clay altered gouge zone. local spots of lighter, almost nuclear gouge. pervasive limonite/qtz on competent fractures. qtz grains throughout.

+ patchy argillic alteration throughout. moderately phyllic altered granodiorite. intense oxidation - altering whole rock. goethite/limonite on fractures. local clay alteration on fractures.

Heavily argillic, weakly phyllic altered blocky granodiorite. pervasive limonite, hematite, goethite on fractures. local clay alteration.

- Heavily argillic altered blocky granodiorite. pervasive hematite + limonite on fractures.

unaltered, blocky granodiorite. unsampled.

moderately argillic altered granodiorite + pervasive limonite + goethite. local gouge veins/veinlets.

intensly clay altered granodiorite. quartz grains throughout. limonite, goethite on fx

- moderately argillic granodiorite with local hematite/limonite staining) and local phyllic alteration

- intensly clay and argillic altered gouge zone. pervasive limonite + goethite + hematite staining

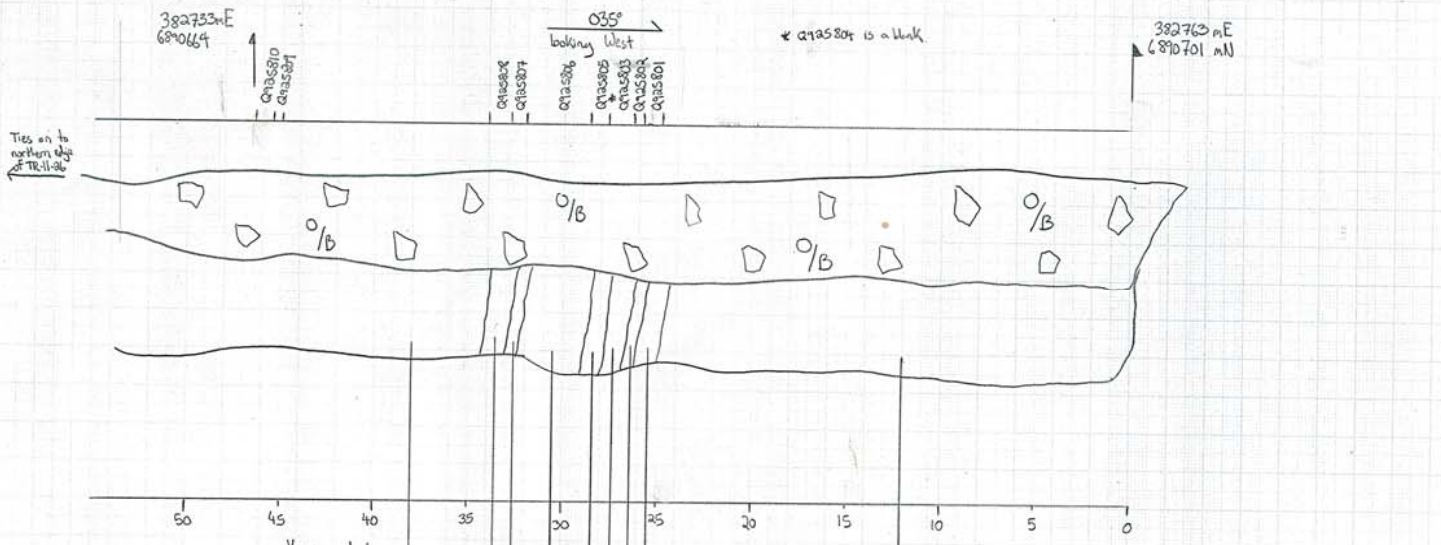
- moderately phyllic and argillic and propylitic granodiorite locally with pervasive limonite and hematite

- Heavily oxidized and hematite stained gouge zone. light tan to orange colour

- nuclear gouge with local oxidized tan/brown gouge throughout. nuclear vein @ 25° to floor. quartz grains throughout.

Heavily argilly and oxidized gouge zone with pervasive hematite staining. quartz grains throughout.

nuclear gouge with local oxidation and tan/brown gouge throughout. main vein @ 25° to trench floor. quartz grains throughout. orientation 160/SV



Very competent, argillic altered granodiorite. Minor hem/specularite on fracture plane 190/64W

Purple-white, highly sheared feldspar porphyry dyke.

Sample oblique to dyke trend.

Hanging wall contact making water (½ gallon/min).

Grey-green-red clay gouge @ footwall contact of feldspar dyke

Footwall contact @ 070/80SE

Green-grey medium-grained granodiorite. Pervasive propylitic alt'n throughout w/ local limonite and phyllic alt'n

Fairly blocky in general

Joints & Fracts @ 232/73°W * → limonite stained carbonate crusts
076/66° S
150/52° S

Blocky, moderately fractured, grey-green phyllic & argillic altered granodiorite

In footwall of feldspar dyke

limonite stained fracts @ 020/85°E

White-grey, medium grained argillic altered granodiorite

Strongly Fractured & pitted, green medium grained, phyllic altered granodiorite within footwall of vein zone

Moderately sheared, grey-brown, medium grained granodiorite hosting two 5 cm wide white clay gouge zones

Vein Zone → UTM @ 382745mE 6890680mN

1.30m chip across two discrete mineralized bands. The most northerly consists of heavily pitted, phyllic altered granodiorite. The second hosts a 5-10cm wide carbonate-qtz vein hosting disseminated sulphides. (stibnite + gyl + sphal).

Entire zone is very rubbly or gougy & goethite stained.

Zone trending @ 155/65° SW

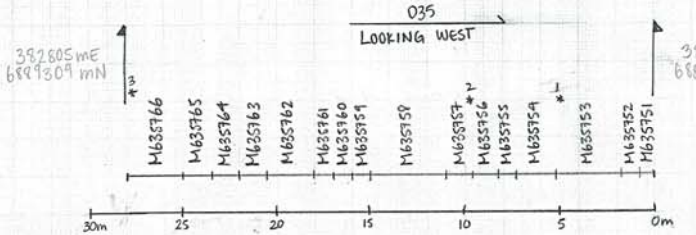
OCKHAVEN RESOURCES LTD.
RCHER, CATHRO & ASSOCIATES (1978) LIMITED

TR-14-27 EXT

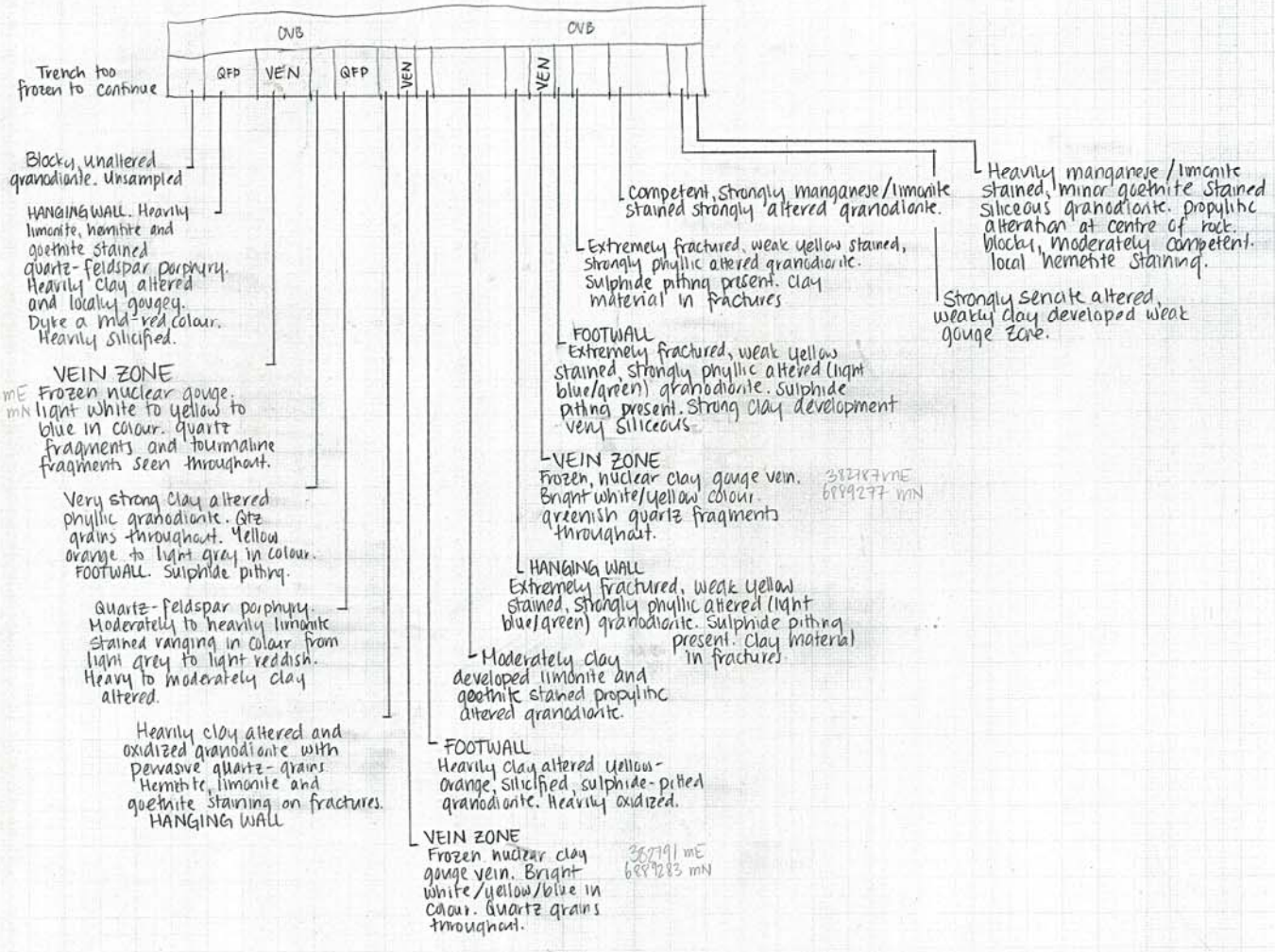
Klaza Property

0 2 4 6 8 10m
SCALE 1:200

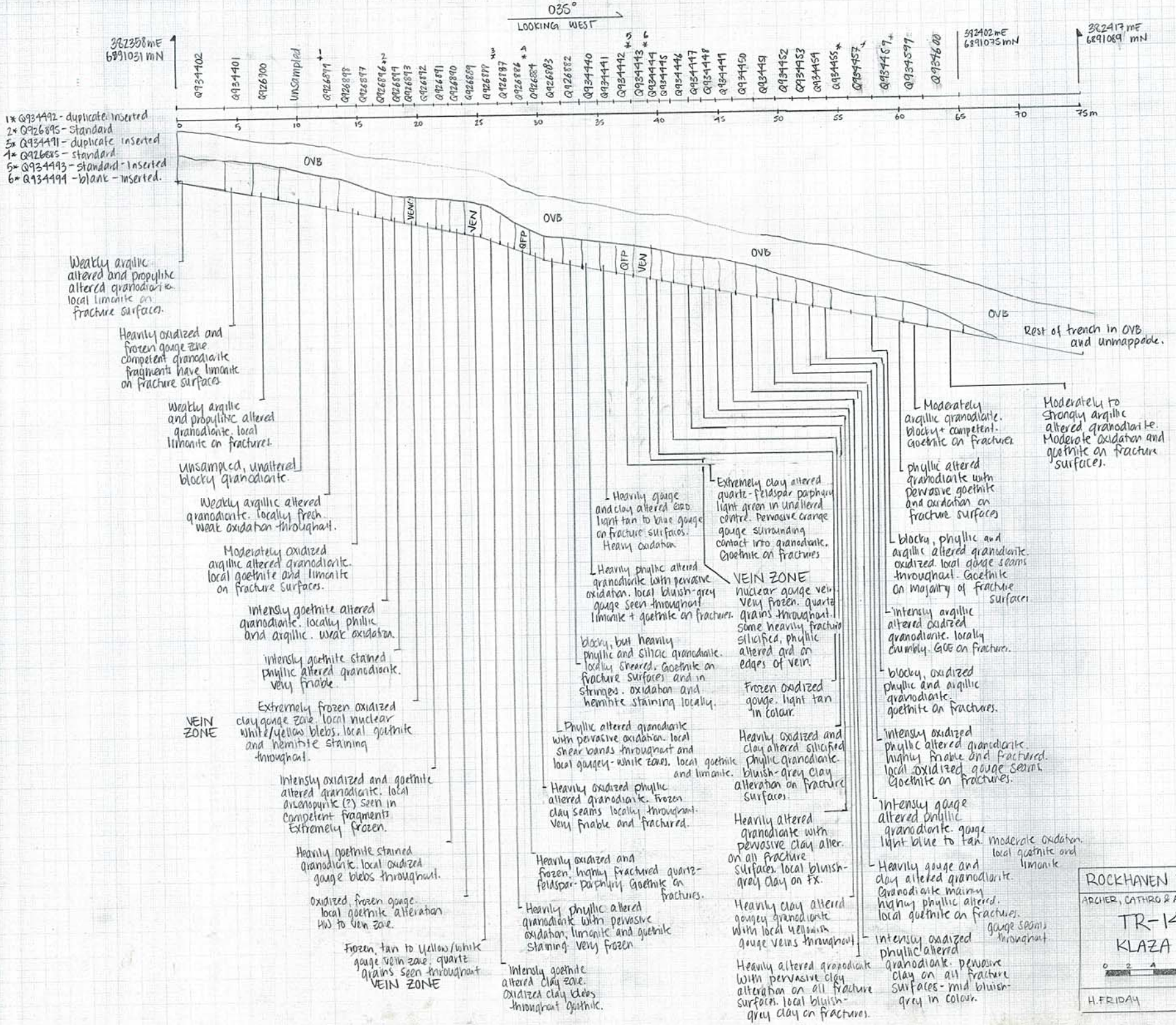
M. Turner | July 2014

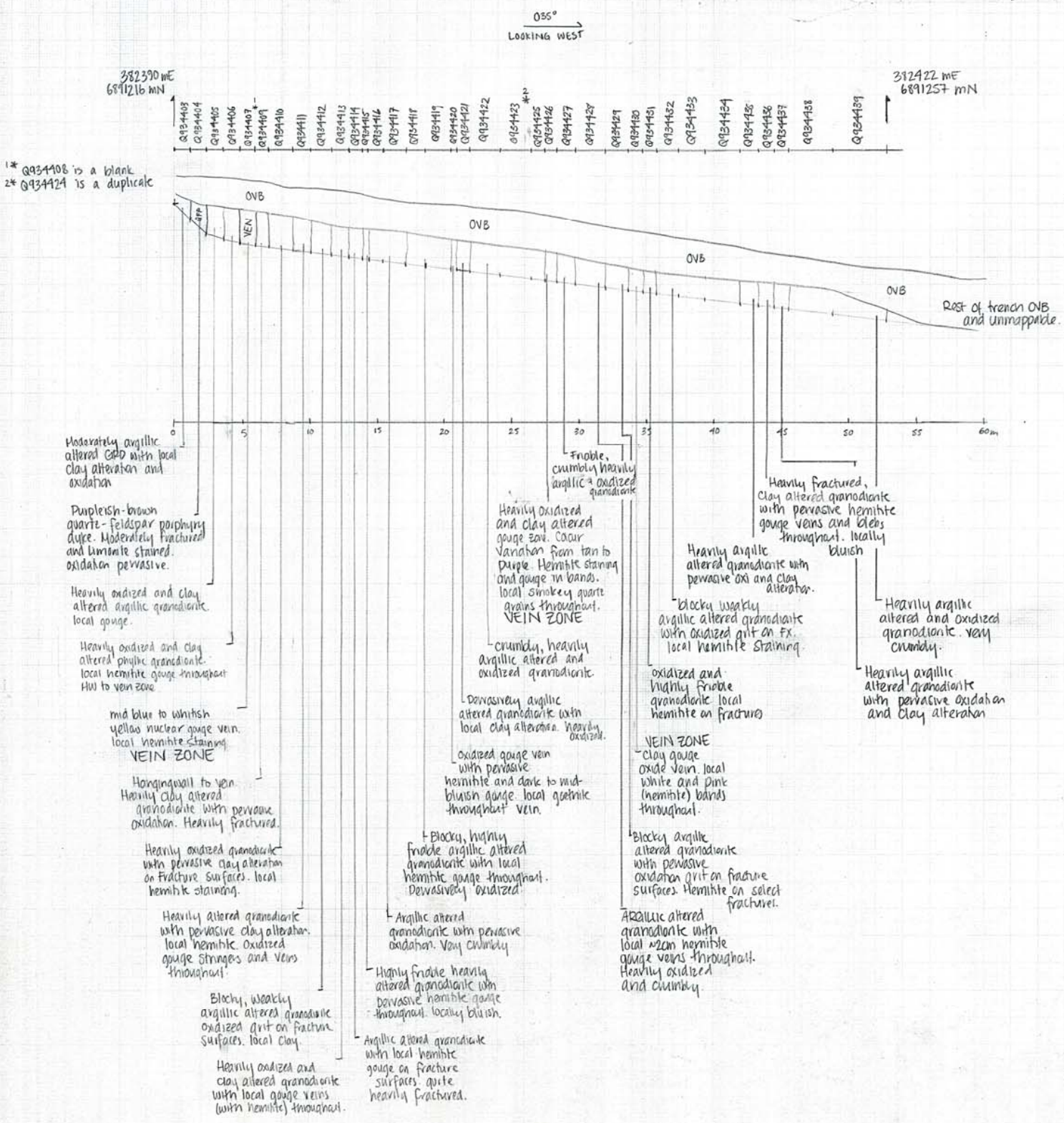


*1 Q934488 - Standard - inserted
*2 Q934489 - Blank - inserted
*3 Q934490 - Duplicate of 766 - inserted



ROCKHAVEN RESOURCES LTD	
ARCHER, CATHRO & ASSOCIATES (1981) LTD.	
TR-14-79	
KLAZA PROPERTY	
0 2 4 6 8 10 12m	
H. FRIDAY	JULY 2014


035°
LOOKING WEST
382358mE
6891031mN
382417mE
6891069mN
592402mE
6891075mN
Q9344402
Q9344401
Q926900
Unsampled
Q926894 *1
Q926898
Q926897
Q926896 *2
Q926895
Q926893
Q926892
Q926891
Q926890
Q926889
Q926887 *3
Q926887
Q926886 *4
Q926884
Q926883
Q926882
Q9344440
Q9344441
Q9344442 *5
Q9344443 *6
Q9344444
Q9344445
Q9344446
Q9344447
Q9344448
Q9344449
Q9344450
Q9344451
Q9344452
Q9344453
Q9344454
Q9344455 *
Q9344456
Q9344457 +
Q9344458
Q9344597
Q9376600
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75m
1* Q9344492 - duplicate inserted
2* Q926895 - Standard
5* Q9344491 - duplicate inserted
1* Q926885 - standard
5* Q9344493 - Standard - inserted
6* Q9344494 - blank - inserted.
OVB
VEIN
VEIN
QFP
QFP
VEIN
OVB
OVB
OVB
Rest of trench in OVB and unmappable.
Weakly argillic altered and propylitic altered granodiorite. local limonite on fracture surfaces.
Heavily oxidized and frozen gouge zone competent granodiorite fragments have limonite on fracture surfaces
Weakly argillic and propylitic altered granodiorite. local limonite on fractures.
Unsampled, unaltered blocky granodiorite.
Weakly argillic altered granodiorite. locally fresh weak oxidation throughout.
Moderately oxidized argillic altered granodiorite. local goethnite and limonite on fracture surfaces.
Intensly goethnite altered granodiorite. locally phillic and argillic. weak oxidation.
Intensly goethnite stained phyllic altered granodiorite. very friable.
Extremely frozen oxidized clay gouge zone. local nuclear white/yellow blebs. local goethnite and hemitite staining throughout.
VEIN ZONE
Intensly oxidized and goethnite altered granodiorite. local arsenopyrite (?) seen in competent fragments Extremely frozen.
Heavily goethnite stained granodiorite. local oxidized gouge blebs throughout.
Oxidized, frozen gouge. local goethnite alteration HW to vein zone.
Frozen, tan to yellow/white gouge vein zone. quartz grains seen throughout
VEIN ZONE
Heavily gouge and clay altered grd. light tan to blue gouge on fracture surfaces. Heavy oxidation
Heavily phyllic altered granodiorite with pervasive oxidation. local bluish-grey gouge seen throughout limonite + goethnite on fractures.
blocky, but heavily phyllic and silicic granodiorite. locally sheared. Goethnite on fracture surfaces and in stringers. oxidation and hemitite staining locally.
Phyllic altered granodiorite with pervasive oxidation. local shear bands throughout and local gougey-white zones. local goethnite and limonite.
Heavily oxidized phyllic altered granodiorite. frozen clay seams locally throughout. Very friable and fractured.
Heavily oxidized and frozen. highly fractured quartz-feldspar-porphyry Goethnite on fractures.
Heavily phyllic altered granodiorite with pervasive oxidation, limonite and goethnite staining very frozen
Intensly goethnite altered clay zone. oxidized clay blebs throughout goethnite.
Extremely clay altered quartz-feldspar porphyry light green in unaltered centre. Pervasive orange gouge surrounding contact into granodiorite. Goethnite on fractures
VEIN ZONE
Nuclear gouge vein very very frozen. quartz grains throughout. some heavily fracture silicified, phyllic altered grd on edges of vein.
Frozen oxidized gouge. light tan in colour.
Heavily oxidized and clay altered silicified phyllic granodiorite. bluish-grey clay alteration on fracture surfaces.
Heavily altered granodiorite with pervasive clay alter. on all fracture surfaces. local bluish-grey clay on fx.
Heavily clay altered gougey granodiorite with local yellowish gouge veins throughout
Heavily altered granodiorite with pervasive clay alteration on all fracture surfaces. local bluish-grey clay on fractures.
Moderately argillic granodiorite. blocky + competent. Goethnite on fractures
phyllic altered granodiorite with pervasive goethnite and oxidation on fracture surfaces
Moderately to Strongly argillic altered granodiorite. Moderate oxidation and goethnite on fracture surfaces.
blocky, phyllic and argillic altered granodiorite. oxidized. local gouge seams throughout. Goethnite on majority of fracture surfaces
intensly argillic altered oxidized granodiorite. locally crumbly. GOE on fracture.
blocky, oxidized phyllic and argillic granodiorite. goethnite on fractures.
intensly oxidized phyllic altered granodiorite. highly friable and fractured. local oxidized gouge seams. Goethnite on fractures.
intensly gouge altered phyllic granodiorite. gouge light blue to tan. moderate oxidation. local goethnite and limonite
Heavily gouge and clay altered granodiorite. Granodiorite mainly highly phyllic altered. local goethnite on fractures. gouge seams throughout
intensly oxidized phyllic altered granodiorite. pervasive clay on all fracture surfaces - mid bluish-grey in colour.
ROCKHAVEN RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LTD.
TR-14-80
KLAZA PROPERTY.
0 2 4 6 8 10 12m
H. FRIDAY
JULY 2014



ROCKHAVEN RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-14-81

KLAZA PROPERTY.

0 2 4 6 8 10 12 14m

H. FRIDAY. | JULY 2014

T.N.

1°59.4'

20°12.5'

Grid north

Magnetic north

Annual change decreasing 20'

6 894 000 mN

6 892 000 mN

6 890 000 mN

6 888 000 mN

6 886 000 mN

378 000 mE

380 000 mE

382 000 mE

384 000 mE

386 000 mE

388 000 mE

4,200

4,700

4,000

4,100

4,400

4,800

ROCKHAVEN RESOURCES LTD.

FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS

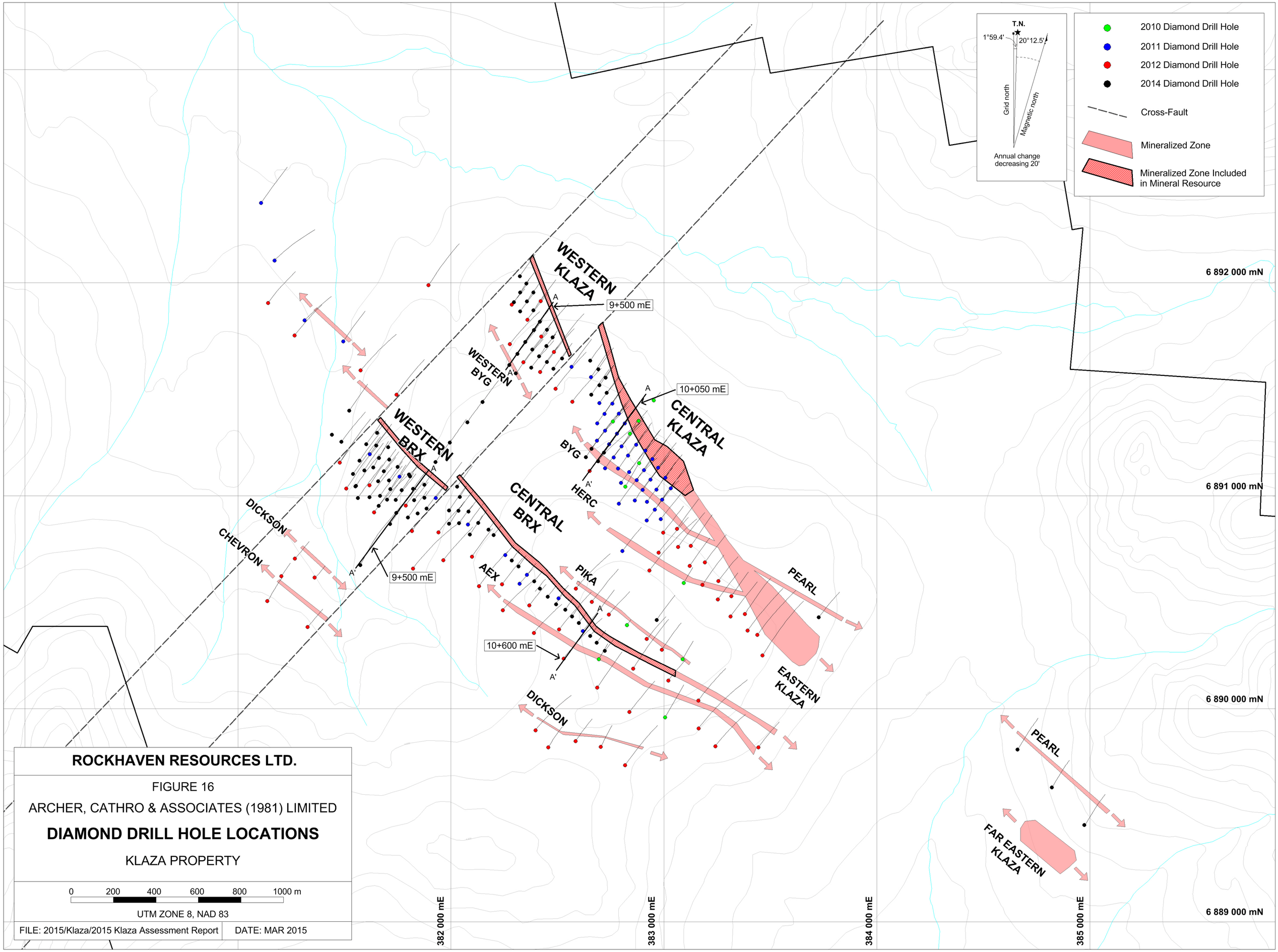
KLAZA PROPERTY

0 600 1200 1800 2400 3000 m

UTM ZONE 8, NAD 83

FILE: 2015/Klaza/2015 Klaza Assessment Report

DATE: APRIL 2015



ROCKHAVEN RESOURCES LTD.

FIGURE 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DIAMOND DRILL HOLE LOCATIONS

KLAZA PROPERTY

0 200 400 600 800 1000 m

UTM ZONE 8, NAD 83

FILE: 2015/Klaza/2015 Klaza Assessment Report | DATE: MAR 2015