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

ASSESSMENT REPORT

describing

DIAMOND DRILLING, EXCAVATOR TRENCHING, SOIL SAMPING AND GEOPHYSICAL SURVEYS

at the

KLAZA PROPERTY

Klaza 1-2F	YC37984-YC37985
3-10	YC37986-YC37993
11-14F	YC37994-YC37997
15-17	YC37998-YC38000
18-22	YC39051-YC39055
23F-24F	YC39056-YC39057
25-64	YD09205-YD09244
65F-66F	YC99541-YC99542
68-129	YD07149-YD07210
133-166	YD07214-YD07247
167-308	YD119737-YD119878
309	YD110502

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

in the
Whitehorse Mining District
Yukon Territory

prepared by
Archer, Cathro & Associates (1981) Limited

for
ROCKHAVEN RESOURCES LTD.

by
M. Turner
J. Tarswell

April 2011

CONTENTS

INTRODUCTION	1
PROPERTY LOCATION, CLAIM DATA AND ACCESS	1
HISTORY	2
GEOMORPHOLOGY	3
GEOLOGICAL SETTING	3
PROPERTY GEOLOGY	7
MINERALIZATION	7
ALTERATION	8
EXCAVATOR TRENCHING	9
DIAMOND DRILLING	12
GEOPHYSICAL SURVEYS	17
SOIL GEOCHEMICAL SAMPLING	18
QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC)	20
DISCUSSION AND CONCLUSIONS	22
REFERENCES	24

APPENDICES

I STATEMENT OF QUALIFICATIONS

II TRENCH AND ROCK SAMPLE DESCRIPTIONS

III SAMPLE HANDLING AND ANALYTICAL PROCEDURES

IV CERTIFICATES OF ANALYSIS

V GEOLOGICAL AND GEOTECHNICAL LOGS

VI NEW-SENSE GEOPHYSICS LTD. GEOPHYSICAL REPORT

VII CONDOR CONSULTING INC. GEOPHYSICAL REPORT

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

FIGURES

		Following Page
1	Location	1
2	Claim Location	1
3	Tectonic Setting	3
4	Property Geology	3
5	2010 Trench Location and Results	10
6	TR-KL-10-01 Trench Map	10
7A	TR-KL-10-02 Trench Map	In pocket
7B	TR-KL-10-02B Trench Map	In pocket
8A	TR-KL-10-03 Trench Map	In pocket
8B	TR-KL-10-03 Trench Map	In pocket
8C	TR-KL-10-03 Trench Map	In pocket
9	TR-KL-10-04 Trench Map	In pocket
10	TR-KL-10-05 Trench Map	10
11	TR-KL-10-06 Trench Map	In pocket
12	TR-KL-10-07 Trench Map	10
13	TR-KL-10-08 Trench Map	In pocket
14	TR-KL-10-09 Trench Map	In pocket
15	TR-KL-10-10 Trench Map	In pocket
16	TR-KL-10-11 Trench Map	In pocket
17	TR-KL-10-12 Trench Map	In pocket
18	TR-KL-10-12 South Trench Map	In pocket

19	TR-KL-10-13 Trench Map	In pocket
20	TR-KL-10-14 Trench Map	In pocket
21	TR-KL-10-15 Trench Map	In pocket
22	TR-KL-10-16 Trench Map	In pocket
23	TR-KL-10-17 Trench Map	In pocket
24	TR-KL-10-18 Trench Map	In pocket
25	TR-KL-10-19 Trench Map	In pocket
26	TR-KL-10-20 Trench Map	In pocket
27	TR-KL-10-21 Trench Map	10
28	2010 Drill Hole Locations	In pocket
29	DDH-KL-10-01, -02, -03 Drill Section	12
30	DDH-KL-10-04 Drill Section	12
31	DDH-KL-10-05, -10 Drill Section	12
32	DDH-KL-10-06 Drill Section	12
33	DDH-KL-10-07 Drill Section	12
34	DDH-KL-10-08 Drill Section	12
35	DDH-KL-10-09 Drill Section	12
36	DDH-KL-10-11 Drill Section	12
37	Total Magnetic Intensity	In pocket
38	Potassium Radiometrics	In pocket
39	Geophysical Compilation	In pocket
40	2010 Soil Sample Locations	In pocket
41	Gold Soil Geochemistry	In pocket

42	Silver Soil Geochemistry	In pocket
43	Lead Soil Geochemistry	In pocket
44	Arsenic Soil Geochemistry	In pocket

TABLES

I	REGIONAL LITHOLOGY	4
II	SIGNIFICANT TRENCH RESULTS	11
III	DRILL HOLE DATA	13
IV	MAGNETIC SUSCEPTIBILY DATA	13
V	SIGNIFICANT DRILL HOLE RESULTS	14
VI	THRESHOLDS FOR SOIL VALUES	19
VII	CDN-SE-1 STANDARD	21
VIII	CDN-SE-2 STANDARD	21
IX	PL-2 STANDARD	21
X	CDN-GS-15A STANDARD	21

INTRODUCTION

The Klaza property hosts gold-silver mineralization associated with a series of subparallel vein and dyke zones. The property is owned by Rockhaven Resources Ltd.

From early June to September 2010, Rockhaven conducted an exploration program involving: i) 1638.48 m of diamond drilling; ii) about 8000 m of excavator trenching; iii) soil geochemical sampling; iv) 326 line km airborne magnetic and radiometric survey. Archer, Cathro & Associates (1981) Limited managed the exploration program. Most of the work was done from a tent camp on the property. The authors participated in and supervised the program. Appendix I contains the author's Statement of Qualifications.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The property is located in southeastern Yukon at latitude 62°07'N; longitude 137°17'W on NTS 115I/3 (Figure 1). It consists of 305 contiguous mineral claims registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Rockhaven. Claim registration data are listed below while the locations of individual claims are shown on Figure 2.

Claim Name	Grant Number	Expiry Date*
Klaza 1-2F	YC37984-YC37985	January 11, 2016
3-10	YC37986-YC37993	January 11, 2016
11-14F	YC37994-YC37997	January 11, 2016
15-17	YC37998-YC38000	January 11, 2016
18-22	YC39051-YC39055	January 11, 2016
23F-24F	YC39056-YC39057	January 11, 2016
25-64	YD09205-YD09244	January 07, 2016
65F-66F	YC99541-YC99542	January 11, 2016
68-129	YD07149-YD07210	January 11, 2016
133-166	YD07214-YD07247	January 11, 2016
167-308	YD119737-YD119878	December 6, 2011
309	YD110502	December 6, 2011

The Klaza property is located 50 km due west of Carmacks and can be reached from Whitehorse by driving 180 km north on Highway #2 (the Klondike Highway) to Carmacks, then 60 km west on the two-wheel drive Nansen Road to the Mount Nansen mine site. The Nansen Road is a narrow gravel road maintained by the Yukon Territorial Government. From the mine site, the road deteriorates in quality but continues approximately 11 km north to the Klaza River valley, passing within 0.5 km of the property. The camp and the main area of exploration interest can be reached by a 1.7 km long four-wheel drive road that connects to the Nansen Road. This point is 195 km northwest of Whitehorse and 300 km north-northwest of the year-round tidewater port at Skagway, Alaska.

HISTORY

The Klaza property covers the Esansee showing which is recorded as Yukon Minfile occurrence 115I-067 (Deklerk, 2004). In 1937, K. Paulson was rumoured to have discovered high grade silver-lead float on what is now the Klaza property. The first claims were staked in October 1947 by G. Dickson. He immediately optioned them to Conwest Exploration Limited which performed minor bulldozer trenching later that year. Dickson restaked the target as West claims in1960 but these claims were allowed to lapse without reported work.

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

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

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

BYG Natural Resources Inc. sub-optioned the property from Chevron and explored it with excavator trenching and six diamond drill holes (373.98) in 1988 and three excavator trenches in 1989. In 1996 BYG carried out a large geophysical program which included ground EM and magnetics survey and covered most of the Klaza claims. The company followed with several lines of soil sampling over the southeast corner of the claim block and drilled three holes (307.64 m) in 1998.

ATAC staked the Klaza 1-24 claims in January 2005 and optioned it to Bannockburn in October 2005.

In 2006, Bannockburn completed a gradient array induced polarization survey across an 1800 by 1450 m area in the eastern part of the property (Wengzynowski, 2006). The survey identified two prominent chargeability anomalies.

Rockhaven purchased 100% of the Klaza 1-24 claims in November 2009 and staked additional claims in 2010.

GEOMORPHOLOGY

The property covers a broad rounded ridge that lies between the northeastern flank of Mount Nansen and the Klaza River. Creeks draining the property flow either north to the Klaza River or southeast to a tributary of Victoria Creek, both of which are part of the Yukon River watershed. Local elevations range from 1200 to 1500 m above sea level. The area escaped Pleistocene continental glaciation but experienced some local Pleistocene to Holocene valley and alpine glaciation, which has incised broad U-shaped valleys. Across most of the property outcrop is nonexistent and overburden consists of a few centimetres of organics, 0 to 5 cm of volcanic ash and up to 200 cm of immature soil mixed with locally derived rock fragments over deeply weathered bedrock. At lower elevations, thick glaciofluvial outwash and till blanket the valley floors. Permafrost is extensive, particularly on the north- and west-facing slopes.

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

GEOLOGICAL SETTING

Regional Geology

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

The property is situated within the eastern part of the Yukon Crystalline Terrane, which lies between the Coast Plutonic Complex to the southwest, and the Yukon Cataclastic Terrane to the northwest (Figure 3). The Yukon Crystalline Terrane consists of Paleozoic or older metamorphic basement rocks which have been intruded and overlain by a variety of igneous rocks.

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

TABLE I - REGIONAL LITHOLOGY

UPPER CRETACEOUS

uKC

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

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

LATE CRETACEOUS TO TERTIARY

LKP

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

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

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

d. coarsely crystalline gabbro and diorite

f. quartz-feldspar porphyry

MID-CRETACEOUS

mKN

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

MID-CRETACEOUS

mKW

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

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

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

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

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

EARLY JURASSIC

EJL

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

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

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

PROTEROZOIC AND PALEOZOIC

PPa

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

LATE DEVONIAN TO MISSISSIPPIAN

DMPW

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

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

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

LATE PROTEROZOIC AND PALEOZOIC

PPN

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

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

muscovite augen schist **(assignment uncertain, could belong to DMN (Nasina))**

PROPERTY GEOLOGY

On the Klaza property the Paleozoic or older metamorphic basement rocks are not exposed and the igneous suite is limited to a biotite-hornblende granodiorite stock with lesser porphyritic dykes and volcanic rocks, all of which are believed to be of Mid-Cretaceous age and belong to the Whitehorse Suite. The granodiorite contains up to 30% hornblende and biotite, is coarse grained and is non-foliated. Northwest trending porphyry dykes (up to 30 m wide) cut the granodiorite in the main area of interest. The dykes contain up to 15%, 1 to 2 mm orthoclase phenocrysts plus rare biotite and quartz phenocrysts in a buff aphanitic groundmass. Commonly the dykes are strongly fractured and associated with both fault and vein zones. Volcanic rocks are found on the periphery of the property and include medium green-grey andesite flows and pyroclastic rocks with occasional buff to tan rhyolitic tuff.

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

MINERALIZATION

The Klaza property lies within the Mount Nansen Gold Belt (MNGB), a northwest trending structural corridor that hosts 30 known mineral occurrences. Mineralization within the MNGB exhibits a zoned porphyry to epithermal transition framework which is centered around potassic alteration cores related to the Mount Nansen porphyry complex (Hart, 1997). The character of the mineral occurrences varies with the increasing distance away from the central porphyry zone.

Mineralization discovered to date on the Klaza property consists of fault-controlled, gold and silver bearing epithermal vein and vein breccia showings hosted within four subparallel structural zones. The mineralized structures discovered to date include the BRX, Klaza, BYG and HERC Zones. All four zones range from 5 to 50 m wide and contain quartz feldspar porphyry dykes and sheeted veins and veinlets with local breccias. Argillic with local phyllic and potassic alteration is developed within the host granodiorite and extends up to 30 m from the edge of the zones. Depth of total oxidation ranges from 0 to 100 m depending on the type of mineralization and orientation of the vein.

The mineralization is spatially and probably genetically related to the porphyry dykes, which strike west-northwesterly and dip steeply to the south. The dykes pinch and swell in three dimensions and although are coupled with mineralization, are themselves barren. The structural zones consist of veins, breccias and sheeted veinlets hosting pyrite, arsenopyrite, galena,

sphalerite, stibnite and jamesonite in quartz and carbonate gangue. The sulphide minerals typically comprise 1 to 10% of the rock, often increasing to between 20 and 80% over 25 to 100 cm intervals. Textures and mineralogy observed at the Klaza property indicate the epithermal veins were deposited at shallow depths and low temperatures. Secondary replacement of galena to pyrite was locally observed in trenches.

Quartz veining ranges between 1cm to 1m and consists of a variety of textures including chalcedonic, comb, banded, speckled and vuggy. Smoky quartz is the most common colour variation at the Klaza property. However, milky quartz is also present in abundance.

Breccias and breccia veins consist of heterolithic clasts which include the host granodiorite as well as various volcanic lithologies. The matrices of the breccias contain fine-grained black sulphides with disseminated galena and sphalerite. The breccias and breccia veins have been observed within the limited drilling at the Klaza zone to range between 1cm to 2m in width.

Riddel shears associated with the main structural zones appear to form an enhanced structural framework for the formation of larger and wider areas of mineralization within the host northwest trending structural zones (Hart, 1997). These vertical shears have an average orientation of 020 and propagate up to 25 m away from the main structures. Local mineralization has been noted in these zones.

ALTERATION

Four significant alteration facies were observed on the property in drill core and trench exposures. These include Propylitic, Potassic, Argillic and Phyllic and are summarized below.

Propylitic Facies

Propylitic facies alteration observed in the Granodiorite (MKLW) is mainly represented by the minerals calcite, chlorite and sericite. Weak pervasive sericite alteration of the feldspars imparts a dark greenish grey colour to the granodiorite. Calcite usually develops as coatings within microfractures. Chlorite content is modest at about 3%. Epidote, another propylitic index mineral, is observed but rare. Propylitic alteration was mainly seen in holes KL-10-10 and KL-10-11.

Argillic Facies

Argillic facies alteration has two subgroups, montmorillonitic and kaolinitic, with each one defined by the type of clay replacing plagioclase;

> Montmorillonitic is represented by clay altered plagioclase oxidizing on exposure to air to a pale green colour. Along with this characteristic, it absorbs water and swells, resulting in a highly friable rock. This subgroup is generally less than 30cm wide. It occurs near the Kaolinite group contact.
>
> Kaolinitic alteration has a strong bleached appearance and is cut by weak phyllic veinlets with narrow alteration envelopes. Initially kaolinite is the dominant clay mineral. With increasing phyllic alteration, sericite dominates kaolinite. The kaolinitic group has been

classified into a weak, moderate and strong depending upon the presence or absence of biotite, K-feldspar, calcite, kaolinite, sericite, pyrite and hematite. The contact of these three classifications is transitional.

Weak

The plagioclase feldspars and hornblende have been altered to a chalky and/or dull white clay. Initially biotite is present as fresh to weakly altered books, as well as pink K-feldspars may also be present and only rarely pervasive calcite is seen. The magnetite has been oxidized to hematite. Disseminated pyrite is generally absent.

Moderate

Biotite, calcite and K-feldspar are absent as the intensity of alteration increases. Pale green sericite becomes common; however, the amount of sericite is still less than that of kaolinite. Hematite is still present. Chlorite, a relic of the alteration, may still be present. Pyrite content is generally absent or very weak.

Strong

In this class the kaolinite has been largely replaced by pervasive pale green sericite. Pyrite veinlets up to 10mm also become common. Wider veinlets sometimes have a narrow white, intense sericite envelope. Outside of this envelope has strong white sericite replacing kaolinite. The presence of pyrite results from the sulphidization of the hematite.

Phyllic Facies

Phyllic alteration is composed of sericite quartz and pyrite and is seen cutting propylitic and argillic alteration facies. Typical phyllic alteration consists of veinlets enveloped by sericite and pyrite. With an increase in phyllic veinlet density, the original rock texture is destroyed and is converted to a dark gray, very fine grained mixture of sericite, pyrite and quartz. The quartz, a product of the phyllic alteration, accumulates as blebs and migrates to form veinlets and veins. The strongest phyllic alteration was seen adjacent to and within the Klaza zone. Also, clasts within the breccia zones, which intensified within the Klaza zone, were strongly phyllic altered.

Potassic Facies

The granodiorite has fine-grained interstitial white feldspars that may be k-feldspar and euhedral book biotite. Both the white feldspar and biotite appear to be primary. Potassic alteration has the diagnostic alteration minerals biotite and K-feldspar as well as the occasional presence of magnetite, anhydrite, tourmaline and ankerite. No secondary biotite replacing hornblende was observed in 2010, but historical drill logs identify significant biotite alteration within the most western drill hole on the property. In a number of places the argillic altered rock has interstitial pink coloured K-feldspar that may have been replacing plagioclase.

EXCAVATOR TRENCHING

In 2010, trenches totalling approximately 8000 m were completed using a Komatsu 400 excavator and a ripper equipped Caterpillar D7-G bulldozer owned and operated by 15317

Yukon Ltd. of Whitehorse. Trench locations were selected based on results from historical programs and pre-stripping done by previous operators. The trenches were positioned 100 to 200 m apart and were generally aligned at 030° to intersect the northwest trending structural zones.

A total of 2389 chip samples were collected from bedrock exposed in trenches. Chip samples were collected from the west rib of each trench or where bedrock was the most stable. Sample descriptions of all the trench samples collected in 2010 are shown in Appendix II. Sample preparation and analyses for this material utilized the same methods described for rock samples in Appendix III. Certificates of Analysis are contained in Appendix IV.

A total of 21 trenches were excavated in 2010. The plan view map for all trench locations with significant assays are plotted on Figure 5, while trench maps are illustrated on Figures 6 to 27.

The Klaza zone has been tested by five excavator trenches over a strike length of 500 m with up to seven individual vein zones identified which range between 0.5 to 3.5 m wide. Pyrite, arsenopyrite, galena, sphalerite, and stibnite were among the sulphides present. Quartz feldspar porphyry dykes were commonly adjacent to vein zones but were not significantly mineralized. Sampling results from the five trenches include:

- 2.33 g/t gold and 34.91 g/t silver over 16.35 m in KL-10-09;
- 2.87 g/t gold and 42.3 g/t silver over 20.10 m in KL-10-10;
- 2.64 g/t gold and 10.6 g/t silver over 4.67 m and 2.04 g/t gold and 18.7 g/t silver over 5.40 m in KL-10-11;
- 2.56 g/t gold and 30.4 g/t silver over 17.70 m in KL-10-12; and
- 12.45 g/t gold and 305.0 g/t silver over 1.45 m KL-10-19

Fourteen trenches were excavated at the BRX zone and have traced the structure for over 1000 m. Of the various veins uncovered in the BRX zone, each of them hosted abundant assorted sulphides and quartz veinlets. KL-10-04 hosted an almost 80 m long zone containing sub-parallel arsenopyrite and galena veins that graded 1.01 g/t gold and 15.5 g/t silver. Higher grade intervals were found in KL-10-18 and KL-10-21 of which returned 4.18 g/t gold and 360.0 g/t silver over 3.50 m as well as 4.00 g/t gold with 434.8 g/t silver across 8.68 m respectively. The remaining eleven trenches each showed good continuity of both the structure and grade over the entire length of the zone.

The BYG zone has been traced by three excavator trenches for 500 m and consists of veins emplaced along the selvage of two separate dyke systems. The best result from trenching at the BYG zone was from drill hole KL-10-05 which returned 1.34 g/t Au with 10.5 g/t Ag over 48.76 m.

The HERC zone was a new discovery in 2010. The zone was indicated by historical soil sampling but had never been tested by trenching or drilling. The HERC zone has been traced along strike for 2000m in soil (including 575m of excavator trenching) and remains open in both directions. The best result from 2010 work returned 3.06 g/t gold and 48.5 g/t silver over 7.60 m. Table II only lists the trenches with significant mineralized intervals.

TABLE II - SIGNIFICANT TRENCH RESULTS

Trench ID	Width (m)	Gold (g/t)	Silver (g/t)	Zone
KL-10-01	1.32	1.32	30.4	HERC
KL-10-01	3.00	2.30	24.2	HERC
KL-10-01	5.00	2.91	0.6	HERC
KL-10-01	1.61	5.67	140.1	HERC
KL-10-01	3.24	4.02	76.0	BRX
KL-10-01	4.52	2.48	46.8	BRX
KL-10-01	0.93	9.28	70.3	BRX
KL-10-02	1.89	2.77	81.9	BRX
KL-10-02	5.30	1.85	29.6	BRX
KL-10-02	3.90	3.85	20.0	BRX
KL-10-02	4.30	1.21	14.1	BRX
KL-10-02	2.35	2.04	9.8	BRX
KL-10-02	5.00	1.39	28.3	BRX
KL-10-03	2.70	2.61	14.8	BYG
KL-10-03	2.80	1.58	14.1	BYG
KL-10-03	3.00	6.80	55.7	BYG
KL-10-03	2.46	7.43	146.4	BYG
KL-10-03	1.04	1.92	31.0	BYG
KL-10-03	1.03	35.10	72.5	HERC
KL-10-03	4.30	6.50	9.8	HERC
KL-10-03	2.00	1.16	30.0	HERC
KL-10-03	2.20	1.56	18.6	BRX
KL-10-03	1.25	10.90	56.4	BRX
KL-10-03	1.73	1.07	20.5	BRX
KL-10-04	3.20	2.94	330.7	BRX
KL-10-04	4.26	1.74	49.2	BRX
KL-10-04	1.03	19.8	135.0	BRX
KL-10-04	1.13	7.09	146.0	BRX
KL-10-04	1.50	12.50	237.0	BRX
KL-10-06	4.00	6.40	27.5	BRX
KL-10-07	1.35	7.83	260.2	BRX
KL-10-08	2.50	4.47	1.8	BRX
KL-10-08	5.00	1.70	1.1	BRX
KL-10-08	2.50	3.57	1.4	BRX
KL-10-09	4.20	2.26	19.9	Klaza
KL-10-09	3.00	4.73	7.6	Klaza
KL-10-09	0.80	1.39	1140.0	Klaza
KL-10-09	0.50	1.18	114.0	Klaza
KL-10-09	1.30	1.81	51.1	Klaza
KL-10-09	1.33	0.65	46.6	Klaza
KL-10-09	16.35	2.33	34.9	Klaza
KL-10-10	2.55	2.45	71.5	Klaza

KL-10-10	20.10	2.87	42.3	Klaza
KL-10-11	5.40	2.04	18.7	Klaza
KL-10-11	4.67	2.64	10.6	Klaza
KL-10-11	1.50	2.33	33.0	Klaza
KL-10-11	5.22	1.52	31.2	BYG
KL-10-12	2.20	14.15	188.0	Klaza
KL-10-12	17.70	2.56	30.4	Klaza
KL-10-12	2.10	2.58	12.5	Klaza
KL-10-12	3.00	2.78	9.9	Klaza
KL-10-12	2.00	2.50	106.0	BYG
KL-10-12	7.60	3.06	48.5	HERC
KL-10-12	1.80	0.97	282.9	BRX
KL-10-13	2.00	2.44	5.8	N/A
KL-10-14	7.80	1.93	136.5	BRX
KL-10-14	14.40	1.35	33.4	BRX
KL-10-14	2.00	3.28	7.9	BRX
KL-10-15	4.50	2.92	140.0	BRX
KL-10-15	3.00	0.79	391.8	BRX
KL-10-16	7.00	0.96	99.0	BRX
KL-10-16	1.00	0.48	34.3	BRX
KL-10-17	2.30	1.54	71.1	BRX
KL-10-19	1.45	12.45	305.0	Klaza
KL-10-19	1.50	1.77	11.0	Klaza
KL-10-20	3.50	4.18	360.1	BRX
KL-10-21	8.68	4.00	434.8	BRX

DIAMOND DRILLING

An eleven hole diamond drill program was completed on the Klaza property in 2010. The holes were designed to test the down-dip extension of favourable results returned from excavator trenching and geophysical targets identified by previous operators.

The first hole was collared on July 26, and the eleventh hole was completed on August 22. The work was contracted to Top Rank Diamond Drilling Ltd. of Ste Rose du Lac, Manitoba, and was done with two skid mounted, diesel-powered JKS-300 drills using NTW and BTW equipment. A total of 1368.48 m of diamond drilling was completed.

The plan view locations for all holes are plotted on Figure 28, while cross-sections are illustrated on Figures 29 to 36. Sampling and Analytical Procedures for the core are explained in Appendix II, Certificates of Analyses are provided in Appendix IV, and Geological and Geotechnical Logs are given in Appendix V. Key data concerning the 2010 drill hole are shown on Table III.

TABLE III – DRILL HOLE DATA

Hole	Easting (m)	Northing (m)	Elevation (m)	Azimuth	Dip Angle	Length (m)
KL-10-01	382952	6890448	1333	40	-50	76.5
KL-10-02	382881	6890351	1352	40	-50	100.3
KL-10-03	382847	6890289	1369	40	-50	158.5
KL-10-04	382694	6889232	1442	30	-50	131.4
KL-10-05	382819	6890043	1400	30	-50	179.9
KL-10-06	382826	6889392	1457	35	-50	49.1
KL-10-07	382765	6890352	1360	35	-50	167.6
KL-10-08	383093	6889590	1426	30	-50	129.9
KL-10-09	383088	6889233	1445	30	-45	152.7
KL-10-10	382883	6890152	1376	30	-50	219.46
KL-10-11	383005	6888959	1418	30	-50	273.12

The 2010 diamond drill program was successful at discovering promising gold and silver mineralization. The most significant discoveries from drilling were returned down dip of mineralized trench exposures, confirming both the continuity and grade of the mineralized structural zones.

One of the highlights of the 2010 diamond drilling program was the discovery of mineralized breccias and breccia veins within the Klaza zone. Similar type breccias were discovered at the historical Mount Nansen gold mine and in many cases were associated with the best grades that were returned from the Brown McDade open pit.

The genesis of these intrusions are postulated to result from the accumulation of hydrothermal gases and fluids exsolved from the porphyry dykes during the cooling process. These gases and fluids build up pressure over time until they are released by seismic activity along fractures. This is usually a fairly volatile event. Although the breccia zones discovered within the Klaza zone are relatively narrow (between 1cm and 2.0 m), their existence alone indicates they may be splays or fracture fills from a larger pipe like intrusion.

Magnetic susceptibility measurements taken from the 2010 core indicate that the structural zones are considerably less magnetic than the unaltered granodiorite which hosts them. Table IV illustrates the results from the three drill holes that tested the Klaza zone in 2010.

TABLE IV – MAGNETIC SUSCEPTIBILITY DATA

Drill Hole ID	Average Magnetic Susceptibility of core preceding Klaza zone (SI)	Average Magnetic Susceptibility of core within Klaza zone (SI)	Average Magnetic Susceptibility of core below Klaza zone (SI)
KL-10-03	7.33	0.75	14.04
KL-10-07	5.23	0.92	12.87
KL-10-10	7.31	0.36	Hole ended in zone

Significantly better core recovery was returned from the 2010 drilling than from historical drill programs on the property. This may be due to better drill muds or driller experience. The 2010 drilling primarily intersected the ore zones at a greater depth than in previous projects, thus minimizing the effects of surface oxidation.

Results from the 2010 diamond drill program are shown on Table V and a summary of each drill hole follows the table.

TABLE V - SIGNIFICANT DRILL HOLE RESULTS

Hole No.	From (m)	To (m)	Interval (m)	Gold (g/t)	Silver (g/t)	Remarks
KL-10-02	21.61	22.96	1.35	1.06	19.6	Veining with envelope zone
KL-10-02	25.47	28.08	2.61	0.51	52.1	Veining with envelope zone
KL-10-02	52.38	55.79	3.41	0.96	10.8	Vein-fault zone
KL-10-02	79.16	81.91	2.75	0.06	33.5	Strongly silicified vein with sulphide stringers
KL-10-03	32.96	35.50	2.54	4.34	71.2	Clay, sericite alteration with veining
KL-10-03	62.08	112.36	50.28	1.10	23.5	Feldspar porphyry dykes and related veins and breccias
Including	62.08	64.75	2.67	2.41	130.1	Brecciated zone with mineralization
Including	86.93	106.68	19.75	2.29	36.1	Feldspar porphyry dykes and related veins and breccias
Including	86.93	89.55	2.62	13.05	143	Mineralized intercept
KL-10-04	97.60	111.00	13.40	0.74	9.1	Vein zone
Including	109.83	111.00	1.17	5.07	53.6	Veining with envelope zone
KL-10-05	20.41	48.90	28.49	0.77	14.8	Intermittent brecciation and siliceous banding
Including	20.41	24.38	3.97	4.57	51.6	Strongly oxidized and brecciated vein
KL-10-05	79.20	81.16	1.96	1.47	95.1	Veining with envelope zone
KL-10-06	21.64	25.00	3.36	32.52	34.3	Quartz-carbonate vein with strong phyllic alteration
KL-10-07	33.50	34.50	1.00	1.91	38.5	Smoky quartz veinlets with intense phyllic alteration
KL-10-07	57.80	58.80	1.00	5.51	107	Gray quartz vein enveloped by bleached phyllic alteration hosting disseminated pyrite.
KL-10-07	128.00	164.50	36.50	3.23	117.7	Feldspar porphyry dykes and related veins and breccias
Including	134.00	149.30	15.30	7.20	260.0	Feldspar porphyry dykes and related veins and breccias
Including	138.50	139.50	1.00	39.3	709	Vein zone

Including	146.77	149.30	2.53	24.7	1087.0	Vein zone
KL-10-08	12.50	15.54	3.04	2.51	6.7	Vein zone
KL-10-08	35.00	36.00	1.00	14.25	15.6	Veining with envelope zone
KL-10-09	25.40	26.40	1.00	2.89	78.0	Gougy breccia hosting pervasive pyrite and strong phyllic alteration
KL-10-10	137.00	211.30	74.30	0.70	8.3	Feldspar porphyry dykes and related veins and breccias
Including	137.00	146.30	9.30	1.51	7.4	Feldspar porphyry dykes and related veins and breccias
Including	137.00	139.15	2.15	3.81	21.5	Vein zone
Including	145.10	146.30	1.20	4.12	7.8	Phyllic veining with strong pyrite.
Including	178.00	211.30	33.30	1.04	14.7	Feldspar porphyry dykes and related veins and breccias
Including	178.00	179.00	1.00	8.78	182	Massive sulphide vein
Including	203.00	204.00	1.00	3.81	19.8	Vein zone
Including	210.00	211.30	1.30	12.9	181	Smoky quartz veinlets with pyrite
KL-10-11	88.00	89.00	1.00	0.45	99.2	Propylitic altered and quartz flooded zone hosting pyrite veinlets
KL-10-11	110.20	111.20	1.00	2.25	25	large clasts of quartz and pyrite in a silicified matrix
KL-10-11	163.68	219.00	55.32	0.39	3.9	Intermittent brecciation and siliceous banding
Including	179.00	201.20	22.20	0.61	6.8	Intermittent brecciation and siliceous banding
KL-10-11	218.00	219.00	1.00	2.66	8.2	White quartz vein

Drill Hole Summary

KL-10-01 – Tested three strongly montmorillonite altered shear zones that graded 2.26 g/t gold and 19.9 g/t silver over 4.20 m, 4.73 g/t gold and 7.6 g/t silver across 3.00 m and 1.39 g/t gold and 1140.0 g/t silver over 0.80 m respectively. The hole intersected weak phyllic and potassic altered granodiorite hosting one felsic dyke and one mafic dyke. Two brecciated vein zones were intersected below the target vein exposures and contained trace pyrite and galena. No significant assays from these zones were returned.

KL-10-02 – The hole was drilled along section, collared approximately 100 m behind KL-10-01. The hole tested a number of vein zones highlighted by an assay of 23.00 g/t gold with 141.0 g/t silver across 1.15 m. The first 50 m of the core hosted strong phyllic alteration grading to strong argillic alteration. In this zone the core was typically comprised of 1-10% disseminated pyrite with discreet vein zones hosting abundant sphalerite, galena and quartz/pyrite veinlets. The hole bottomed into approximately 25 m of relatively fresh granodiorite. Four separate vein zones were intersected by KL-10-02 with the highest assay returning 1.06 g/t gold and 19.6 g/t silver over 1.35 m.

KL-10-03 – The first drill hole from the 2010 program to test the full width of the Klaza zone, KL-10-03 was collared 60 m behind the best results from trench KL-10-09 which averaged 0.72 g/t gold with 14.8 g/t silver across 58.79 m including 2.33 g/t gold and 34.9 g/t silver over 16.35 m. Drilling returned 1.10 g/t gold and 23.5 g/t silver over 50.28 m including a higher grade interval of 2.29 g/t gold and 36.1 g/t silver across 19.75 m. Veins and sheeted veinlets host disseminated to massive galena, arsenopyrite, pyrite and sphalerite in quartz and carbonate gangue. The breccias consist of sub-angular heterolithic clasts of intrusive to volcanic lithologies. The matrices contain fine-grained black sulphides and host disseminated galena and sphalerite. The best grade from the veins returned 13.05 g/t gold and 143 g/t silver over 2.62 m while the best result from the breccias assayed 1.43 g/t gold and 70.3 g/t silver over 2.58 m.

A 100 m wide section of the hole hosts moderate to strong argillic and phyllic alteration developed in the granodiorite wallrocks that host the Klaza Zone. Pervasive phyllic alteration was also observed in the intrusive clasts found within the breccias.

KL-10-04 – This hole tested below the southern part of Trench 4 that returned 1.01 g/t gold with 15.47 g/t silver over 77.64 m from nine tightly spaced semi-massive galena, sphalerite and arsenopyrite veins that range up to 1.5 m wide. The veins were hosted within intensely phyllic altered granodiorite. Drilling results showed that many of the veins pinched out at depth or narrowed; however, a 13.40 m intersection of a phyllic altered granodiorite hosting trace galena and arsenopyrite averaged 0.74 g/t gold and 9.1 g/t silver. Three other vein zones of similar mineralogy were intersected in this hole and all returned low gold and silver grades.

KL-10-05 – This hole mainly targeted the BYG zone but was extended in order to attempt a deeper intersection on the Klaza zone to the north. Results in the upper portion of the hole confirmed that the veins are developed on the selvage of two sub-parallel dyke intrusions as observed in trench exposures. Trench 11 returned 1.52 g/t gold and 31.2 g/t silver over 5.22 m with mineralization primarily developed on the northern contact of a dyke. Drilling intersected a wider and richer zone that graded 0.77 g/t gold with 14.8 g/t silver across 28.49 m including 4.57 g/t gold and 51.6 g/t silver over 3.97 m. Galena, sphalerite and pyrite veinlets as well as trace malachite and azurite were observed. The hole was extended in attempt to intersect the Klaza zone but was lost due to technical difficulties. Increasing phyllic and potassic alteration was intersected at the base of the hole.

KL-10-06 – Tested a new vein discovered on the northern edge of the BRX zone. The vein was intersected 25 m down dip of the discovery trench that returned 2.94 g/t gold and 330.7 g/t silver over 3.20 m. The drill hole averaged 32.52 g/t gold and 34.3 g/t silver over 3.36 m. The mineralized intersection consisted of a moderate to strongly phyllic and argillic altered granodiorite hosting a 0.22 m quartz-carbonate vein bearing pyrite, arsenopyrite, galena, and sphalerite. Strong limonite alteration is also present within the mineralized area.

KL-10-07 – The second drill hole that tested the full width of the Klaza Zone, KL-10-07 was collared 100 m west of KL-10-03 and approximately 40 m behind the historical drill hole DDH-98-09. KL-10-07 intersected 7.20 g/t gold and 260.0 g/t silver over 15.30 m, within a broader zone which averaged 3.23 g/t gold and 117.7 g/t silver over 36.50 m. The type and style of

mineralization was consistent with hole KL-10-03, although a generally higher grade and frequency of veining contributed to the better result.

KL-10-08 – Targeted a quartz stockwork vein system that averaged 1.34 g/t gold and 10.5 g/t silver across 48.76 m in trench 3. The drill hole intersected a much less developed vein system downdip of the trench exposure hosting quartz veinlets and disseminated pyrite. The best intercept graded 14.25 g/t gold and 15.6 g/t silver across 1.00 m.

KL-10-09 – This hole tested below the portion of trench-10-01, which hosted a broad area of highly argillic and limonite altered granodiorite hosting numerous vein structures and quartz feldspar porphyry dykes. A number of veins were discovered in trenches, grading up to 4.02 g/t gold with 76.0 g/t silver across 3.24 m and 1.32 g/t gold with 30.4 g/t silver over 1.32 m. The drill hole confirmed highly phyllic and argillic altered core hosting pervasive pyrite and quartz veinlets. The best grade was returned from a single zone hosting minor disseminated galena and assayed 2.89 g/t gold and 78.0 g/t silver across 1.00 m.

KL-10-10 – The third drill hole that tested the Klaza zone in 2010, KL-10-10 was collared 125 m east of KL-10-03. It tested below positive trenching results that returned two intervals grading 2.64 g/t gold and 10.6 g/t silver over 4.67 m and 2.04 g/t gold and 18.7 g/t silver over 5.40 m.

Diamond drilling confirmed the presence of two separate zones as indicated by trenching. The hole intersected 1.04 g/t gold and 14.7 g/t silver over 33.30 m and 1.51 g/t gold and 7.4 g/t silver over 9.30 m. These zones are hosted within a broader interval which averaged 0.70 g/t gold and 8.3 g/t silver over 74.30 m. Although there were fewer high grade veins intersected than in the previous Klaza zone drill holes, a wide system of quartz veinlets and quartz stockwork mineralization was complimented by a wide interval of propylitic and phyllic alteration associated with high density of quartz filled fractures.

The hole was abandoned in mineralization at 219.46 m due to technical difficulties related to a fault.

KL-10-11 – This hole tested a large chargeability anomaly that was identified in the southeast portion of the property by the 2006 induced polarization survey. The hole intersected a strongly altered granodiorite hosting disseminated pyrite and sheeted quartz veinlets within the core of the chargeability anomaly, which averaged 0.61 g/t gold and 6.8 g/t silver over 22.20 m. A long interval of propylitic alteration consisting of minor chlorite replacing hornblende was intersected from 163.68 m to 219 m.

GEOPHYSICAL SURVEYS

A high sensitivity helicopter-borne magnetic and gamma-ray spectrometric survey was conducted by New-Sense Geophysics (NSG) of Toronto, Ontario on August 22, 2010. A total of 326 line km were flown on a grid that covered the Klaza 1 to 129 claims. The surveys were flown with a Bell 206B3 helicopter operated by Fireweed Helicopters from a temporary base at Carmacks, with intraday refuelling from a fuel cache at the Klaza camp. Survey equipment and techniques are described in a report contained in Appendix VI.

Interpretation of the survey results was completed by Condor Consulting, Inc. of Lakewood, Colorado in spring 2010. Condor produced a 3D model of the total field magnetics and identified fifteen structural lineaments across the survey area. The Condor report is attached in Appendix VII.

Figure 37 shows the Total Magnetic Intensity of the survey area overlain by the known structural zones and their inferred trends. The known structural zones correlate well with demagnetized linear anomalies. This observation corresponds well with the low magnetic susceptibility results returned from core samples within these structural zones.

Potassium radiometric data is shown on Figure 38. An elevated potassic radiation anomaly is coincident with the strong magnetic anomaly that underlies the area of known mineralization on the eastern part of the property. The numerous dykes identified within this area are probably the main source of this anomaly.

The Klaza River valley returned a generally lowered radiometric response. This is probably due to the increased water saturation that increases greatly towards the west into the Klaza River valley. The radiometric anomaly that directly correlates with the Klaza River is probably from the exposed river gravels.

Figure 39 shows electromagnetic conductors identified by the 1996 survey with insets maps showing chargeability and resistivity maps from the 2006 induced polarization survey. There is a strong correlation between the EM conductors identified by BYG with the mineralized structural zones discovered to date. Two of the lineaments (I and II) outlined by Condor correspond well with known mineralized structural zones on the east side of the Klaza property. Lineaments I, III, IV and V directly correspond with VLFEM conductors identified by BYG in 1996. The 2006 IP survey and 1996 EM survey did not cover the full strike length of the Klaza zone.

SOIL GEOCHEMICAL SAMPLING

The soil geochemical survey conducted in 2010 was designed to confirm previously known geochemical anomalies outlined by previous programs and to test along strike of the further delineated vein zones. The majority of the sampling was conducted on the western and northern slopes of the hill that hosts the four main zones.

A total of 289 soil samples were collected at 50 m intervals along lines spaced 100 m apart within the main grid (immediately west along strike of the Klaza zone) and along individually selected routes to further delineate the other three zones. Sampling and Analytical Procedures for both the soil and silt samples are explained in Appendix III and the Certificates of Analyses are provided in Appendix IV.

Results of the 2010 soil geochemical survey are summarized as thematic maps for gold, silver, lead and arsenic on Figures 41 to 44 respectively. The results from the 2010 geochemical survey correlate well with those from previous sampling and geophysical programs. 2010 soil sample locations are shown in figure 40.

The following table lists the threshold values used to evaluate soil values from the property.

TABLE VI - THRESHOLDS FOR SOIL VALUES

	Anomalous Thresholds			
Element	**Weak**	**Moderate**	**Strong**	**Peak Value**
Gold	≥ 5 < 20 ppm	≥ 20 < 100 ppb	≥ 100 ppb	856 ppb
Silver	≥ 0.2 < 0.5 ppm	≥ 0.5 < 2 ppm	≥ 2 ppm	5.8 ppm
Lead	≥ 10 < 20 ppm	≥ 20 < 100 ppm	≥ 100ppm	494 ppm
Arsenic	≥ 10 < 20 ppm	≥ 20 < 50 ppm	≥ 50 ppm	349 ppm

Compiled soil geochemical results have outlined a number of anomalies across the property. Some are near known showings but others are unexplained. Some targets that are prospective for new discoveries are briefly described below.

Anomaly A is located east of the Klaza zone and corresponds with the western margin of a magnetic high. The anomaly is represented by a single line of auger soil samples that returned between 26 and 856 ppb gold over a 350 m distance. There has been no trenching or drilling to test the geochemical anomaly or the adjacent magnetic high.

Anomaly B represents the inferred western extension of the Klaza zone. Samples taken in this area returned strong silver, lead and arsenic values as well as moderate gold values. Permafrost hampered the collection of good soil samples in this area. The anomaly corresponds to a magnetic high, probably due to the associated magnetic dykes within the Klaza zone.

Anomaly C is found parallel to anomaly B and most likely represents the western extension of the BYG zone. Strong silver, lead and arsenic values were found, along with moderate gold values. This soil geochemical anomaly also corresponds well with historic geophysical surveys.

Anomaly D is located along the inferred western strike of the HERC zone. Samples taken in this area returned strong silver and lead values. Similar to the soil anomalies lying parallel to anomaly G, EM conductors underlay this anomaly as well.

Anomaly E is located in the south eastern part of the property, along the projected extension of the BRX zone. Samples taken in this area returned strong silver, lead and arsenic values with moderate gold values. Soil sampling in this area was done on widely spaced lines; however, the anomaly is still traceable and after 1 km, trends off of the soil grid. This anomaly corresponds well with a strong EM conductor that is directly associated with the known BRX structure.

Anomaly F is located immediately south of Anomaly D and corresponds with a strong EM conductor. The soil anomaly is probably hosted in deeper overburden and thus relatively weaker in strength than the other anomalies.

Anomaly G was identified by BYG in 1998 and is located in the central part of the property. There is an associated EM conductor underlying the soil geochemical anomaly and has been

contoured to be the same EM conductor that represents the Klaza zone. Anomaly F is located 6 km along strike of the Klaza Zone.

Surface prospecting was done concurrently with soil sampling. Prospecting along the inferred trends of the zones was usually ineffective because of vegetation and overburden cover; however, four clusters of mineralized float were discovered in a 75 m diameter area approximately 200 m west of KL-10-19. Four composite samples collected from this area returned between 0.10 to 4.76 g/t gold and 129 to 781 g/t silver. Descriptions of these samples are included with the excavator trench sample descriptions in Appendix II and their locations are shown on figure 40.

QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC)

The authors implemented all QA/QC protocols for the 2010 Klaza Project. Rules, which all employees that worked in or around the drill, core shack and trenches were required to follow, include: 1) maintaining a clean and uncontaminated environment at the drill, core logging, cutting facility and trench; 2) preparing blank samples in a dry, secure and separate location from the core processing facility; 3) implementing a blank and standard insertion schedule in the sampling; and, 4) proper packaging and labelling of outgoing samples.

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

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

Three different types of standards were used during the drilling and trenching program. The PL-2 standard was randomly inserted into batches that contained higher grade samples for gold and silver. Batches that appeared to have mainly lower grade samples had the CDN-SE-01 and CDN-SE-02 standard randomly inserted. The PL-2 standard material was prepared, homogenized and packaged by WCM Minerals of Burnaby, BC while the CDN standards were prepared, homogenized and packaged by CDN Resource Laboratories Ltd. of Delta, B.C. All standards were certified by Smee & Associates Consulting Ltd. of North Vancouver, BC. The certified mean and two standard deviations are shown on following tables.

TABLE VII - CDN-SE-01 STANDARD

Element	Certified Mean	Two Standard Deviations (Between Lab)
Silver	712 g/t	57 g/t
Gold	0.48 g/t	0.034 g/t
Lead	1.92	0.09%
Zinc	2.65	0.20%

TABLE VIII - CDN-SE-02 STANDARD

Element	Certified Mean	Two Standard Deviations (Between Lab)
Silver	354 g/t	21 g/t
Gold	0.242 g/t	0.018 g/t
Lead	0.957	0.044%
Zinc	1.34	0.11%

TABLE IX - PL-02 STANDARD

Element	Certified Mean	Two Standard Deviations (Between Lab)
Silver	441 g/t	13 g/t
Gold	3.27 g/t	0.26 g/t
Lead	3.13%	0.27%
Zinc	3.52%	0.27%

TABLE X - CDN-GS-15A STANDARD

Element	Certified Mean	Two Standard Deviations (Between Lab)
Gold	14.83 g/t	0.61 g/t

QC procedures for core samples involved the insertion of two blanks, two standards and one duplicate sample in every batch. Batch 13 only contained one blank and one standard as the batch only contained eighteen core samples. Procedures for trench samples consisted of one blank and one standard in every third batch. The standard results for the standard and blank samples from drilling and trenching are shown in Appendix VIII.

Batch 2, 12, and 23 from diamond drilling had to undergo reanalysis due to a failure in the standard assay. Two blank samples failed for gold although the batches were deemed to have passed once the 1% allowable carry-over of the preceding sample was considered.

The final results for both the 2010 drilling and trenching presented are from batches that passed the QC testing.

DISCUSSION AND CONCLUSIONS

The Klaza property is situated in an active placer gold mining camp and historical hard rock gold and silver mining district called the Mount Nansen Gold Belt. Systematic excavator trenching and widely spaced diamond drilling have only been done in approximately 5% of the 60 sq km property. Four laterally contiguous zones have been defined within a 1500 m wide, northwesterly trending structural corridor. The individual zones have been traced by excavator trenching and drill holes over strike lengths of 500 to 1000 m. All zones are open to extension.

The Klaza zone has responded the most favourably to trenching and drilling. It has been traced on surface by excavator trenching for 500 m and has been successfully tested by diamond drilling over 225 m along strike and up to 110 m down dip. Mineralization at the Klaza zone is open to extension along strike in both directions and down dip. Highlights from 2010 drilling at the Klaza zone includes 7.20 g/t gold and 260.0 g/t silver over 15.30 m and 2.29 g/t gold and 36.1 g/t silver across 19.75 m. Wide zones of mineralization observed at the Klaza zone may be in part due to the enhanced structural framework caused by a relatively high concentration of riddle shears observed to cut the zone in trench exposures. Although more trenching and drilling is needed to fully define the role structure relates to the nature and rake of mineralization, the necessary structural preparation exists at the Klaza zone that is synonymous with significant deposits in the Mount Nansen Gold Belt.

The BRX zone has been traced by excavator trenching for 1000 m. Widely spaced drilling has been focused below the best trench showings with reasonable success, although historical drill programs appeared to be hampered by poor core recovery within the ore zones. 2010 drilling tested the BRX zone with three holes. The best result was returned from KL-10-06 which tested a new vein discovered during the 2010 trenching program. This vein is located on the northern part of the BRX zone and returned 32.52 g/t gold and 34.3 g/t silver over 3.36 m. Geophysical and soil geochemical surveys indicate the zone extends into the placer gold workings to the west of the 2010 exploration area.

The BYG zone has been traced by three excavator trenches for 500 m and tested by two diamond drill holes. Vein mineralization is emplaced along the selvage of two dyke systems that branch and bifurcate along strike. The best result from the BYG zone was from drill hole KL-10-05 which returned 0.77 g/t Au with 14.8 g/t Ag across 28.49 m including 4.57 g/t Au and 51.6 g/t Ag over 3.97 m.

The HERC zone was discovered in 2010 and has not yet been tested by diamond drilling. The best trench result from this zone returned 3.06 g/t gold and 48.5 g/t silver over 7.60 m.

The age and structural relationship between the veins, veinlets, and breccias is still yet unknown, although they are spatially and probably genetically related to the porphyry dykes which parallel and are found within the mineralized zones. Although these dykes are mostly barren or only weakly mineralized, the necessary heat, fluids and structural preparation created by the dykes would have been essential for vein formation and emplacement.

Coincident soil geochemical and geophysical anomalies that are associated with the known mineralized structural zones continue along their inferred strike in both directions. Many of the

geophysical anomalies appear to be related to alteration associated with hydrothermal fluid flow present within and around the mineralized structures. Magnetic susceptibility measurements taken from the 2010 core indicate that the structural zones are considerably less magnetic than the unaltered granodiorite that hosts the known structures. Numerous non-magnetic linears which parallel the orientation of the known structural zones were identified in other parts of the property are considered priority exploration targets

The next phase of exploration should consist of 8000 m of diamond drilling in 40 holes with continued excavator trenching along strike of the four zones. Emphasis should be placed on defining the down dip and along strike extension of the Klaza and BRX zones as well as assessing the potential for the property to host high grade breccia pipes and porphyry type mineralization as indicated by the wide areas of alteration.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Matt Turner, B.Sc.

Jared Tarswell, B.Sc.

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

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

2. From 1997 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia, Yukon Territory and Northwest Territories

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

Matthew Turner, B.Sc.

STATEMENT OF QUALIFICATIONS

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

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

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

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

Jared Tarswell, B.Sc.

APPENDIX II

TRENCH AND ROCK SAMPLE DESCRIPTIONS

KL-TR-10-01

Sample Number	Direction	From	To	Interval	Description
H805755	South	0	1.25	1.25	Orange-brown limonite and manganese stained (fractures, locally pervasive) granodiorite (fractures and pervasive)
H805756	South	1.25	1.75	1.45	Limonite altered vein fault hosting clay vein with crushed quartz. Fault trending 110/72.
H805757	South	1.75	3.2	0.75	Orange-brown limonite and manganese stained (fractures, locally pervasive) granodiorite (fractures and pervasive)
H805758	South	3.2	3.95	1	Orange clay vein hosting crushed quartz. Host fault is parallel with H805757 structure.
H805759	South	3.95	4.95	0.41	Highly fractured, limonite with manganese altered granodiorite
H805760	South	4.95	5.36	2	Grey-orange, yellow clay vein hosted in parallel fault to 758 and 756.
H805761	South	5.36	7.36	0.67	Strongly limonite altered and highly fractured intrusive
H805762	South	7.36	8.03	2.25	Yellow clay vein hosting crushed quartz
H805763	South	8.03	10.28	0.49	Very strongly limonite and manganese altered granodiorite
H805764	South	10.28	10.77	0.62	Intense clay altered shear zone hosting grey vein material (65%) with grey medium grained quartz feldspar porphyry dyke fragments.
H805765	South	10.77	11.39	2.65	Intense manganese stained intrusive. Strongly sheared and broken.
H805766	South	11.39	14.04	0.56	Strongly fractured rubbly granodiorite. 1 narrow (3cm wide) shear hosting crushed quartz and clay vein material.
H805767	South	14.04	14.6	1.4	Clay gouge hosting cobble size, grey pitted qtz vein fragments. Structure is oriented at 116/69.
H805768	South	14.6	16	1.4	Pyrite bearing, strongly faulted intrusive? Hosting large limonite crusted fractures parallel to trench orientation.
H805769	South	Standard			Gold Standard
H805770	South	16	22	6	Very blocky granodiorite with disseminated pyrite.
H805771	South	22	23	1	Manganese and limonite stained and altered (with local montmorillonite alteration (pervasive)) granodiorite.
H805772	South	23	23.5	0.5	Sericite-limonite-manganese altered intrusive. Cross cut by a 15cm wide structure hosting pitted grey quartz vein with strongly disseminated pyrite. The structure is orientated at 111/66 degrees.
H805773	South	23.5	27	3.5	Limonite-manganese altered granodiorite/intrusive. Local zones of intense clay alteration.
H805774	South	Blank			Blank Sample
H805775	South	27	32	5	Hornblende-biotite granodiorite with limonite and manganese on fractures
H805776	South	32	37	5	Hornblende-biotite granodiorite with limonite and manganese on fractures

Sample Number	Direction	From	To	Interval	Description
H805777	South	37	42	5	Hornblende-biotite granodiorite with limonite and manganese on fractures grading into stronger manganese-limonite staining
H805778	South	42	44	2	Heavily fractured intrusive hosting 2% pyrite. Strong limonite and manganese staining.
H805779	South	44	46	2	Heavily fractured quartz feldspar porphyry hosting strong (3-5%) pyrite dissemination Limonite and manganese stained. 2 parallel zones (5 cm wide) of yellow clay vein material.
H805780	South	46	48	2	Blocky, manganese-limonite stained, brown fine grained quartz feldspar porphyry
H805781	South	48	50	2	Heavily fractured limonite and manganese stained intrusive hosting a strong clay altered structure @ 042/vertical
H805782	South	50	52	2	Heavily fractured limonite and manganese stained intrusive hosting localized narrow clay vein zones.
H805783	South	52	54	2	A 1.3m wide (true width) strongly limonite stained clay vein with crushed quartz. Orientation of structure is 042/vertical.
H805784	South	54	56	2	Brown, pervasively and heavily limonite altered granodiorite/intrusive. Very heavily fractured and broken.
H805785	South	56	58	2	Completely broken, strongly altered rock fragments hosted in a limonite gouge. No relic fractures in small pieces.
H805786	South	58	60	2	Completely broken, strongly altered rock fragments hosted in a limonite gouge. No relic fractures in small pieces.
H805787	South	60	60.75	0.75	Limonite stained grey clay hosting fragments of quartz vein and highly altered intrusive. No sulphides present. Structure is trending 132/58
H805788	South	60.75	61.55	0.8	
H805789	South	61.55	63.55	2	Heavily fractured, manganese and limonite stained intrusive
H805790	South	63.55	65.65	2.1	Heavily broken, manganese and limonite stained intrusive, extremely fractured, large pods of gouge.
H805791	South	65.65	66.65	1	Heavily broken, manganese and limonite stained intrusive, extremely fractured, large pods of gouge.
H805792	South	66.65	67.65	1	Strong clay vein hosting narrow broken veins of quartz with minor pits.
H805793	South	67.65	68.95	1.3	Extremely broken, limonite stained clay vein material
H805794	South	68.95	69.85	0.9	Grey clay vein on foot-wall of dyke.
H805795	South	69.85	71.21	1.36	Green dyke hosting (parallel to dyke orientation) brown limonite zones (2.5cm) and massive and stringer zones of quartz
H805796	South	71.21	72.21	1	Strongly fractured granodiorite
H805797	South	72.21	75.21	3	Strongly fractured granodiorite, local manganese staining
H805798	South	75.21	78.21	3	Strongly fractured granodiorite, local limonite gouge zones

Sample Number	Direction	From	To	Interval	Description
H805799	South	78.21	80.21	2	Extremely altered and fractured intrusive
H805800	South	80.21	81.56	1.35	Felsic dyke intrusion, highly fractured
H805801	South	81.56	83.56	2	Pervasive limonite alteration with local hematite staining, very rubbly.
H805802	South	83.56	85.7	2.14	Very strongly manganese stained, highly strained intrusive hosting abundant hematite staining.
H805803	South	85.7	86.5	0.8	Very broken Intrusive with gouge zones on foot-wall of dyke
H805804	South	86.5	87.82	1.32	Very broken dyke (1.32cm wide) hosting a 4cm wide zone of broken limonite.
H805805	South	87.82	88.82	1	Extremely limonite altered Granodiorite intrusion hosted in the hanging wall of a vein intrusion
H805806	South	88.82	91.82	3	Intensely sheared, limonite and manganese stained intrusive. Narrow (10cm wide) clay vein zones @ 90.42m
H805807	South	91.82	94.82	3	Local limonite stained granodiorite with fairly pervasive montmorillonite alteration
H805808	South	94.82	97.82	3	intensely manganese stained, highly strained and broken
H805809	South	97.82	101.82	4	4m chip across limonite-manganese-goethite stained intrusive hosting a narrow (4 cm wide) felsic dyke intrusion oriented @ 170/75. (1 per 0.75 m).
H805810	South	101.82	102.82	1	Highly clay altered intrusive with strong manganese staining. Cross cut by a clay vein hosting crushed quartz.
H805811	South	102.82	103.82	1	Very blocky, limonite and manganese stained intrusive.
H805812	South	103.82	104.82	1	Limonite gouge with pods of pitted grey quartz.
H805813	South	104.82	105.44	0.62	Intensely manganese and goethite stained granodiorite. Rock completely breaks apart when handled.
H805814	South	105.44	106.49	1.05	Blocky, manganese stained granodiorite
H805815	South	106.49	109.65	3.16	Banded limonite and goethite staining on granodiorite.
H805816	South	109.65	110.19	0.54	Pervasive limonite altered granodiorite.
H805817	South	110.19	111.37	1.18	Extremely limonite altered (pervasive) with local narrow clay vein zones and strong manganese staining.
H805818	South	111.37	112.67	1.3	Sheeted quartz veins cross-cutting (1x15cm) intensely altered intrusive.
H805819	South	112.67	114.7	2.03	Stockwork-like fractures in super intensely altered intrusive.
H805820	South	114.7	115.7	1	Vein structure. Broken quartz and stringers (qtz-py) within extremely altered intrusive. 1 m chip samples taken across broad structures oriented @125/59
H805821	South	115.7	116.7	1	Dominantly yellow clay vein material with broken quartz pitted fragments hosting disseminated (3%) pyrite.
H805822	South	116.7	117.7	1	Yellow clay vein with limonite stringers .
H805823	South	117.7	118.7	1	Orange-yellow clay vein and highly altered intrusive.
H805824	South	118.7	119.7	1	Highly altered intrusive hosting clay vein zones.
H805825	South	Grab @ 119			Grab sample of 1 cm wide pyrite vein oriented @ 111/72

Sample Number	Direction	From	To	Interval	Description
H805826	South	119.7	120.7	1	Pyrite veins hosted in fractures of altered intrusive.
H805827	South	120.7	121.7	1	Hanging wall of montmorillonite altered granodiorite.
H805828	South	Blank			Blank Sample
H805829	South	121.7	123.7	2	Intense cross-cutting limonite-hematite clay vein structures with mainly unaltered granodiorite blocks.
H805830	South	123.7	125.7	2	Orange-grey clay vein healed structure hosting angular granodiorite fragments (strongly limonite altered) and coated with goethite and manganese
H805831	South	125.7	127.38	1.68	Blocks of fairly unaltered granodiorite within cross-cutting clay vein structures hosting hematite/limonite staining.
H805832	South	127.38	128.7	1.32	Intensely limonite/hematite altered clay vein with pieces of heavily altered intrusive
H805833	South	128.7	129.4	0.7	Manganese, limonite altered intrusive containing hematite stained fractures with local pervasive hematite alteration within the host intrusive. Highly altered clay lenses.
H805834	South	129.4	130.6	1.2	Intensely altered intrusive with pervasive hematite alteration on stockwork vein zone.
H805835	South	130.6	131.6	1	Clay vein zone hosting broken quartz pieces and dyke rock
H805836	South	131.6	132.5	0.9	Chip across extremely limonite stained clay vein zone hosting poddy sections of hematite staining. A 0.21cm section of broken milky pink quartz vein with disseminated pyrite.
H805837	South	132.5	133.5	1	Highly altered dyke/intrusive cross-cut by 1 hematite stringer @ 309/40. Abundant limonite staining.
H805838	South	133.5	134.5	1	Highly clay altered intrusive cross-cut by limonite crusted stockworks. Chip grades into near competent intrusive at very end of sample interval.
H805839	South	134.5	137.5	3	Moderately to weakly altered granodiorite hosting narrow parallel fractures(@126/69) containing limonite, hematite and manganese crusts. Rock is fairly blocky
H805840	South	137.5	140.5	3	Moderately to weakly altered granodiorite hosting narrow parallel fractures(@126/69) containing limonite, hematite and manganese crusts. Rock is fairly blocky
H805841	South	140.5	143.5	3	Intensely clay altered intrusive. Local pods of manganese staining /alteration. vienlets of limonite throughout. Hematite staining on 224/75 fractures
H805842	South	143.5	146.5	3	Intensely clay altered intrusive. Local pods of manganese staining /alteration. vienlets of limonite throughout. Hematite staining on 224/75 fractures
H805843	South	146.5	149.5	3	Limonite-goethite stained montmorillonite altered granodiorite hosting strong limonite altered stockwork veining and banding. Host crumbles when handled.

Sample Number	Direction	From	To	Interval	Description
H805844	South	149.5	152.5	3	Limonite-goethite stained montmorillonite altered granodiorite hosting strong limonite altered stockwork veining and banding. Host crumbles when handled.
H805845	South	152.5	155.5	3	Strongly altered granodiorite . Strong limonite crusts.
H805846	South	155.5	158.5	3	Local limonite clay vein zones within moderately altered intrusive
H805847	South	158.5	160.5	2	Moderate altered granodiorite hosting a 5cm wide limonite clay vein.
H805848	South	160.5	161.5	1	Foot wall of narrow limonite stained gouge filled structure.
H805849	South	161.5	162.5	1	Strong gouge structure hosting broken quartz flooded dyke fragments. Structure is oriented at 125/60
H805850	South	162.5	163.5	1	Extremely shattered hanging wall (granodiorite), very strongly clay altered.
H805851	South	163.5	165.65	2.15	Extremely fractured quartz flooded dyke containing linear clay vein zones at 130/73. Abundant remnant pyrite pits present. Some are milky white.
H805852	South	165.65	167.65	2	Montmorillonite altered granodiorite. Locally narrow zones of limonite and gouge stringers oriented approximately @ 160/60.
H805853	South	167.65	169.25	1.6	Very strongly limonite-goethite altered intrusive. Narrow clay altered dykes and vein zones trend oblique to trench (165 degrees)
H805854	South	169.25	172.25	3	Very strongly limonite-goethite altered intrusive. Narrow clay altered dykes and vein zones trend oblique to trench (165 degrees). Strong fracture @ 232/72
H805855	South	172.25	173.5	1.25	Very strongly limonite-goethite altered intrusive.
H805856	South	173.5	175.47	1.97	Highly fractured Green quartz-feldspar porphyry dyke intrusion hosting narrow quartz veining and grey clay vein zones.
H805857	South	175.47	177.47	2	Very strong clay vein zones developed in strongly altered intrusive.
H805858	South	177.47	179.07	1.6	Strongly altered intrusive in foot-wall of quartz-clay vein.
H805859	South	179.07	180.07	1	Green-grey dyke containing very strong grey clay vein material @ 136/52.
H805860	South	180.07	181.07	1	Hanging wall consists of strong hematite stained clay filled fractures with strongly altered intrusive.
H805861	South	181.07	184.07	3	Very altered intrusive, strong fracture @ 354/72. Minor clay vein near end of sample.
H805862	South	Standard			Standard
H805863	South	184.07	187.07	3	Heavily altered and oxidized intrusive with local manganese pods.
H805864	South	187.07	193.07	6	Heavily altered and oxidized intrusive with local manganese pods.
H805865	South	193.07	196.07	3	Heavily altered and oxidized intrusive with local manganese pods.
H805866	South	196.07	197.04	0.97	Heavily altered and oxidized intrusive with local manganese pods.
H805867	South	197.04	198.04	1	1.0m chip of quartz sheeted in dyke. Large pods of clay vein material.
H805868	South	198.04	199.04	1	Very strongly sheared and montmorillonite altered in hanging wall section of vein.
H805869	South	199.04	202.04	3	Areas of extremely altered intrusive within a moderately clay altered zone.
H805870	South	202.04	203.14	1.1	1.10m chip across narrow vein zone.

Sample Number	Direction	From	To	Interval	Description
H805871	South	203.14	206.14	3	3m chip across weakly altered intrusive.
H805872	South	206.14	206.74	0.6	3m chip across weakly altered intrusive.
H805873	South	206.74	207.34	0.6	3m chip across weakly altered intrusive.
H805874	South	207.34	207.94	0.6	60 cm wide vein zone.
H805875	South	207.94	209.94	2	Moderately altered intrusive. Moderately sheared and broken.
H805876	South	209.94	210.69	0.75	Chip across sheared and highly altered foot wall.
H805877	South	210.69	211.55	0.86	Qtz-clay vein filled structure.
H805878	South	211.55	212.19	0.64	Hanging wall. Moderately altered intrusive, fairly fractured.
H805879	South	212.19	215.19	3	3m chip across unaltered granodiorite, blocky.
H805880	South	215.19	217.08	1.89	Chip across fairly unaltered granodiorite. Local argillic alteration, possibly silicification increases towards the end.
H805881	South	217.08	218.08	1	Intrusive hosting strong clay vein zones.
H805882	South	218.08	219.08	1	Blocky highly strained intrusive/granodiorite.
H805883	South	219.08	220.08	1	1m section of mainly grey dyke material. Very broken.
H805884	South	220.08	221.08	1	Heavily fractured granodiorite.
H805885	South	221.08	222.08	1	Heavily fractured granodiorite. Increase in clay vein material.
H805886	South	222.08	223.08	1	Strongly fractured/jointed grey feldspar/porphyry dyke containing narrow zones of grey-yellow clay vein. 3-4% of host is sulphide pitted.
H805887	South	223.08	224.08	1	Strongly fractured/jointed grey feldspar/porphyry dyke containing narrow zones of grey-yellow clay vein. 3-4% of host is sulphide pitted.
H805888	South	224.08	225.08	1	Strongly fractured/jointed grey feldspar/porphyry dyke containing narrow zones of grey-yellow clay vein. 3-4% of host is sulphide pitted.
H805889	South	225.08	226.08	1	Strongly fractured/jointed grey feldspar/porphyry dyke containing narrow zones of grey-yellow clay vein. 3-4% of host is sulphide pitted.
H805890	South	226.08	227.08	1	Strong clay vein zone hosting fragments of highly altered host granodiorite.
H805891	South	227.08	228.08	1	Strong clay vein zone hosting fragments of highly altered host granodiorite. H805886-89 poddy clay zone throughout.
H805892	South	228.08	229.32	1.24	clay vein zone within dyke
H805893	South	229.32	230.32	1	Dyke
H805894	South	230.32	231.32	1	Very broken dyke material with clay vein zones.
H805895	South	231.32	232.35	1.03	Blocky and broken dyke.
H805896	South	232.35	233.35	1	End of dyke intrusion.
H805897	South	233.35	234.35	1	Hanging wall with only altered host granodiorite.
H805898	South	234.35	235.35	1	Weakly to moderately altered intrusive
H805899	South	235.35	236.34	0.99	Narrow (12cm) clay vein zone in intrusive at 120/71
H805900	South	236.34	239.74	3.4	3.4 m chip of weakly altered, blocky intrusive

Sample Number	Direction	From	To	Interval	Description
H805901	South	239.74	240.24	0.5	0.5m chip of strongly clay altered intrusive.
H805902	South	240.24	240.64	0.4	0.4m highly pitted, broken felsic dyke fragments.
H805903	South	240.64	241.14	0.5	Many stained fractures in altered intrusive.
H805904	South	241.14	243.74	2.6	Moderately altered, manganese stained intrusive.
H805905	South	243.74	244.24	0.5	Limonite-clay altered intrusive in foot wall of dyke-gouge structure.
H805906	South	244.24	245.7	1.46	2 parallel structures hosting gouge-dyke material. Both zones very broken.
H805907	South	245.7	246.2	0.5	0.5m chip of broken hanging wall. Granodiorite.
H805908	South	246.2	250.2	4	4.0m chip of unaltered, blocky granodiorite.
H805909	South	250.2	254.2	4	4.0m chip of unaltered, blocky granodiorite.
H805910	South	254.2	255.43	1.23	Chip of foot wall, strongly clay altered granodiorite, minor clay vein zones.
H805911	South	255.43	257.24	1.81	Chip across wide clay vein zone hosting broken dyke. Limonite-grey clay vein material. Local quartz vein fragments.
H805912	South	257.24	258.64	1.4	Strongly altered granodiorite.
H805913	South	258.64	261.64	3	Blocky granodiorite with minor clay alterations on fractures.
H805914	South	261.64	262.44	0.8	Altered (highly) clay with minor zones grading into vein material.
H805915	South	262.44	263.59	1.15	Dyke intrusion hosting strong sulphide pits. Wide clay vein zones developed.
H805916	South	263.59	264.09	0.5	0.5m chip across unaltered, blocky granodiorite
H805917	South	264.09	269.09	5	Same as above.918-5m-Road
H805918	South	269.09	274.09	5	5m of unaltered, blocky granodiorite.
H805919	South	289	290	1	Montmorillonite altered, highly fractured intrusive with strong manganese/limonite staining.
H805920	South	290	292	2	2m chip of strongly montmorillonite altered shear zone. Minor gouge.
H805921	South	292	294.35	2.35	2.35m chip of montmorillonite altered, highly fractured intrusive. Probable Hornblende->chlorite alteration.
H805922	South	294.35	297.35	3	3.00m of chip granodiorite with manganese/limonite stained fractures.
H805923	South	297.35	300.35	3	3.00m of chip granodiorite with manganese/limonite stained fractures and localized zones of pyrite.
H805924	South	300.35	303.35	3	Increase in montmorillonite alteration with stronger limonite.
H805925	South	303.35	305.35	2	Still blocky, with increasing pervasive manganese staining and limonite alteration.
H805926	South	305.35	306.32	0.97	Strongly montmorillonite/clay altered granodiorite. Foot wall
H805927	South	306.32	306.82	0.5	0.50m yellow-clay vein zone hosting quartz fragments. Strongly sericite altered.
H805928	South	306.82	307.32	0.5	0.5m chip of hanging wall. Manganese/limonite stained granodiorite.
H805929	South	307.32	310.02	2.7	2.70 chip of blocky weakly altered granodiorite.
H805930	South	310.02	311.02	1	Orange clay altered intrusive.
H805931	South	311.02	312.02	1	1 m chip across banded grey-orange-yellow vein material hosting strongly broken quartz fragments.

Sample Number	Direction	From	To	Interval	Description
H805932	South	312.02	312.63	0.61	Orange yellow clay vein zone hosting highly altered white/grey quartz lenses.
H805933	South	312.63	313.13	0.5	0.5m of extremely altered/fractured intrusive. Manganese/limonite staining present, some highly altered clay zones along fractures grading into clay vein zones in some places.
H805934	South	313.13	314.19	1.06	Banded orange-yellow grey clay vein hosting 10% green quartz throughout.
H805935	South	314.19	315.19	1	Highly altered intrusive. Dark manganese/limonite staining abundant. Highly fractured.
H805936	South	315.19	316.89	1.7	Green quartz dyke with disseminated pyrite. Clay vein material found on fractures. Highly altered manganese/limonite stained bands throughout. Zones orientated 320/75
H805937	South	316.89	317.89	1	Manganese/limonite stained granodiorite. Hanging wall. No sample collected
H805939	South	317.89	320.89	3	Manganese/limonite stained granodiorite, blocky.
H805940	South	320.89	323.89	3	Manganese/limonite stained granodiorite, blocky.
H805941	South	323.89	328.89	5	biotite, hornblende, quartz granodiorite.
H805942	South	328.89	333.89	5	biotite, hornblende, quartz granodiorite. Some highly altered manganese and limonite bands 5-10cm thick. Mild clay alteration in fractures around bands.
H805943	South	333.89	335.69	1.8	Light green granodiorite, protected centers mostly quartz. Limonite/manganese stained outer areas of blocky fragments. Moderately fractured, limonite Filled pits of outer areas of the rock.
H805944	South	335.69	337.76	2.07	Highly altered, banded limonite/manganese fractured intrusive hosting quartz clasts. Yellow-orange bands straddle goethite stained fragmented rock, minor clay vein material in yellow orange bands. 096/70.
H805945	South	337.76	338.72	0.96	biotite, Hornblende, quartz granodiorite.
H805946	South	338.72	339.98	1.26	Banded highly altered manganese/limonite fractured intrusive hosting quartz clasts. Similar to 944 (less clay).
H805947	South	339.98	340.98	1	Blocky highly fractured granodiorite with limonite/manganese stained fractures.
H805948	South	340.98	343.98	3	biotite, Hornblende, quartz granodiorite. Some limonite/manganese staining in fractures.
H805949	South	343.98	344.98	1	Highly altered/fractured intrusive. Prolific manganese/limonite staining. Grades into clay vein material. footwall.
H805950	South	344.98	346.08	1.1	Extensive limonite alered clay vein zone hosting green-white quartz dyke material. Yellow-orange colour with minor manganese staining. 340/sub-vertical.
H805951	South	346.08	347.35	1.27	Highly altered, extremely fractured intrusive with extensive manganese/limonite staining. Clay vein material present in fractures grading into biotite/hornblende granodiorite orientated parallel to clay vein zones.

Sample Number	Direction	From	To	Interval	Description
H805952	South	347.35	349.55	2.2	biotite, hornblende, quartz granodiorite. Manganese/limonite stained fractures.
H805953	South	349.55	354.55	5	Altered, blocky manganese/limonite stained intrusive. Some localized clay alteration In fractures.
H805954	South	354.55	359.55	5	biotite, hornblende, quartz granodiorite. Some minor clay altered fractures in localized areas. Minor limonite/manganese staining.
H805955	South	359.55	361.8	2.25	biotite, hornblende, quartz granodiorite. Some minor clay altered fractures in localized areas. Minor limonite/manganese staining.
H805956	South	361.8	362.8	1	Highly altered limonite/manganese intrusive. Extremely fractured, orange-yellow with localized dark manganese stained blocky intrusive fragments.
H805957	South	362.8	365.3	2.5	Dark manganese/limonite stained intrusive. Localized zones of clay alteration. Moderately fractured competent structure.
H805958	South	365.3	367.8	2.5	Dark manganese/limonite stained intrusive. Highly fractured/altered. Hosts a 10cm wide limonite enriched vein with quartz dyke fragments. Sulphide pitted throughout. Vein orientated 270/sub-vertical. footwall.
H805959	South	367.8	368.8	1	Quartz dyke material extremely altered. Limonite/manganese stained. Very porous dyke material. Grey/white quartz clasts throughout. Limonite pits also present. Very fractured. Orientated 300/sub-vertical.
H805960	South	368.8	369.8	1	Extremely altered/fractured limonite/manganese intrusive hosting grey quartz clasts. Some clay alteration In fractures. Hanging wall.
H805961	South	369.8	371.25	1.45	Fractured, dark manganese/limonite stained granodiorite hosting some quartz along fracture plains.
H805962	South	371.25	374.25	3	Manganese/limonite stained granodiorite hosting abundant grey quartz clasts. Extreme limonite alteration along joints. Moderately fractured.
H805963	South	374.25	374.75	0.5	Fractured manganese/limonite stained granodioritre. Intrusion grading to clay vein through limonite alteration. Grey green quartz Bands present in clay. Foot wall.
H805964	South	374.75	375.69	0.94	Strong clay alteration. Clay hosts highly fractured white-green-grey quartz lenses. Orange-yellow. Extremely altered/fractured. Limonite staining present.
H805965	South	375.69	376.84	1.15	Strong clay alteration. Clay hosts highly fractured white-green-grey quartz lenses. Orange-yellow. Extremely altered/fractured. Limonite staining present.
H805966	South	376.84	378.21	1.37	Gray-green-white quartz dyke hosting limonite Pitting. Highly fractured and blocky with limonite staining along fractures. 332/80-90.
H805967	South	378.21	379.94	1.73	Same as 966 hosting 20-30cm highly clay altered vein zone. Limonite staining prolific.
H805968	South	379.94	381.02	1.08	Limonite/manganese stained intrusive. Pervasive quartz veins throughout, blocky clay alteration In fractures. Potty areas of biotite alteration.

Sample Number	Direction	From	To	Interval	Description
H805969	South	381.02	382.65	1.63	Manganese/limonite stained granodiorite. Clay alteration present in fractures. Serecite and biotite alteration present.
H805970	South	382.65	383.15	0.5	Same as above. Foot wall.
H805971	South	383.15	384.41	1.26	Porous grey quartz vein hosting white quartz clasts. Blocky, limonite staining in fractures. 108/80.
H805972	South	384.41	384.91	0.5	Manganese/limonite stained, highly altered granodiorite hosting grey quartz clasts. Clay altered limonite staining in fractures. Hanging wall.
H805973	South	384.91	386.51	1.6	Manganese/limonite stained intrusive hosting highly clay altered areas. Extensive limonite alteration along fractures. Grey quartz clasts present in clay altered Regions. Biotite alteration present. Highly fractured.
H805974	South	386.51	387.51	1	Highly altered gray quartz vein hosting white quartz clasts. Limonite altered fractures. Clay alteration present along fracture plains. Some limonite pitting also prevalent.
H805975	South	387.51	389.01	1.5	Highly altered gray quartz vein hosting white quartz clasts. Limonite altered fractures. Clay alteration present along fracture plains. Some limonite pitting also prevalent.
H805976	South	389.01	390.51	1.5	Highly altered gray quartz vein hosting white quartz clasts. Limonite altered fractures. Clay alteration present along fracture plains. Some limonite pitting also prevalent.
H805977	South	390.51	392.01	1.5	Manganese/limonite stained intrusive hosting 20cm of gray quartz vein with white quarts clasts. Clay alteration present in fractures and in localized areas.
H805978	South	392.01	393.35	1.34	Highly altered, Limonite/manganese stained intrusive hosting grey quartz clasts.clay vein material present along fractures along with limonite alteration.
H805979	South	Blank			
H805980	South	393.35	394.85	1.5	Extremely altered/fractured limonite/manganese stained intrusive grading into clay vein material, potty areas of biotite alteration and localized clay gouge zones. Dark orange-yellow colour. foot wall. Hosts pitted grey quartz hosting yellow/white clasts, some narrow clay veins present. limonite alteration on fracture plains. Highly fractured. 150/sub-vertical.
H805981	South	394.85	395.85	1	Clay vein zone with limonite altered material grading into the same type of quartz vein as 980.
H805982	South	395.85	396.74	0.89	Highly altered/fractured intrusive hosting grey quartz grains. Limonite alteration In fractures.
H805983	South	396.74	397.4	0.66	Clay vein zone hosting banded grey-green, white quarts veins. Yellow-orange bands present. Some manganese staining. 114/85-90.

Sample Number	Direction	From	To	Interval	Description
H805984	South	397.4	397.9	0.5	Manganese/limonite stained highly altered/fractured intrusive. Clay vein material present in fractures. Entire zones hanging wall. Minor areas of grey/white quartz development.
H805985	South	397.9	399.35	1.45	Manganese/limonite stained highly altered/fractured intrusive. Clay vein material present in fractures. Minor areas of grey/white quartz development
H805986	South	Standard PL-2			
H805987	South	399.35	401.67	2.32	Manganese/limonite stained highly altered/fractured intrusive. Clay vein material present in fractures. Minor areas of grey/white quartz development
H805988	South	401.67	403.17	1.5	Highly clay altered, manganese/limonite stained intrusive. Very fractured, minor biotite alteration in clay alteration. Some clay gouge pockets.
H805989	South	403.17	404.67	1.5	Highly clay altered, manganese/limonite stained intrusive. Very fractured, minor biotite alteration in clay alteration. Some clay gouge pockets.
H805990	South	404.67	406.17	1.5	Highly clay altered, manganese/limonite stained intrusive. Very fractured, minor biotite alteration in clay alteration. Some clay gouge pockets.
H805991	South	406.17	408.17	2	Highly clay altered, manganese/limonite stained intrusive. Very fractured, minor biotite alteration in clay alteration. Some clay gouge pockets.
H805992	South	408.17	410.17	2	Highly clay altered, manganese/limonite stained intrusive. Very fractured, minor biotite alteration in clay alteration. Some clay gouge pockets. Grading into limonite/manganese stained intrusive.
H805993	South	410.17	412.17	2	Highly altered manganese/limonite stained granodiorite. Some clay alteration in localized zones. Limonite staining in fractures. Highly fractured. Yellow, orange, brown, grey quartz clasts.
H805994	South	412.17	414.17	2	Highly altered manganese/limonite stained granodiorite. Some clay alteration in localized zones. Limonite staining in fractures. Highly fractured. Yellow, orange, brown, grey quartz clasts.
H805995	South	414.17	418.17	4	Highly altered, extremely fractured manganese/limonite stained intrusive. Some grey quartz clay alteration In fractures.
H805996	South	418.17	423.32	5.15	Biotite, hornblende, quartz granodiorite. Some minor manganese/limonite staining in fractures.
H805997	South	423.32	424.22	0.9	Altered/fractured intrusive, lots of limonite staining. Some green-grey quartz present.
H805998	South	424.22	429.22	5	Manganese/limonite stained granodiorite. Clay and limonite alteration In fractures. Competant.
H805999	South	429.22	432.92	3.7	Dark orange, brown manganese/limonite stained intrusive. Bands 30-50cm wide of intensely fractured Intrusive. clay alteration pervasive in these bands. 120/80.

Sample Number	Direction	From	To	Interval	Description
H806000	South	432.92	433.84	0.92	Intensely clay altered intrusive grading into clay vein material in some pockets. Grey-yellow speckled colour. Extremely fractured.
H806001	South	433.84	435.54	1.7	Manganese/limonite stained intrusive. Highly altered. Clay alteration throughout. Dark coloured blocky structures present.
H806002	South	435.54	438.14	2.6	Same as before Grading into extremely altered/fractured intrusive. highly clay altered pockets of clay vein material along fractures.
H806003	South	438.14	439.48	1.34	Green quartz dyke material with white quartz clasts. Highly altered, blocky fractures. Limonite staining prolific. Clay alteration in fractures. Minor manganese staining in bands. Sulphide pits in quartz.
H806004	South	439.48	444.48	5	Limonite/manganese stained intrusive. Large quartz (green grey) fragments. Bands of extreme clay alteration (10-15).
H806005	South	444.48	445.48	1	Limonite/manganese stained intrusive. Large quartz (green grey) fragments. Bands of extreme clay alteration (10-15). Grades into an intrusion hosting gray-green quartz with minor limonite alteration.
H806006	South	445.48	448.8	3.32	Extremely altered Manganese/limonite stained intrusive hosting green-grey quartz centers. Highly fractured. Bright yellow with manganese brown areas. Blocky, limonite/clay alteration in fractures.
H806007	South	448.8	449.8	1	Highly clay altered. Extremely fractured, white black speckled clay alteration grading into clay vein material in localized regions. Green-gray quartz clasts present throughout. Scattered biotite alteration.
H806008	South	449.8	452.1	2.3	Extremely clay altered zone. Green quartz still pervasive. Limonite stained clay vein found on fractures. Grades into more perpitant intrusive.
H806009	South	452.1	453.1	1	Extremely altered manganese/limonite stained intrusive. Dark manganese staining present. Clay and limonite alteration in fractures. Yellow-orange grading into brown. Hanging wall.
H806010	South	453.1	458.1	5	Manganese/limonite stained granodiorite/intrusive. Some narrow clay altered bands gray quartz clasts.
H806011	South	458.1	463.1	5	Extremely altered, manganese/limonite stained intrusive, highly fractured. Clay altered pockets grading into vein material throughout area. Intrusion hosting green quartz dyke material. Limonite alteration throughout fractures. Yellow-orange colour.
H806012	South	463.1	468.1	5	Extremely alt. Highly fractured, disseminated biotite alt. Bright yellow, no clay gouges.
H806013	South	468.1	469.1	1	Green quartz dyke. Highly fractured. White feldspar clasts. Limonite staining in fractures. Some areas of manganese staining.

Sample Number	Direction	From	To	Interval	Description
H806014	South	469.1	473.62	4.52	Highly altered, manganese/limonite stained intrusive. Extremely fractured. Minor clay/limonite alteration In fractures.
H806015	South	473.62	475.94	2.32	Extremely clay altered, highly fractured intrusive grading into clay vein material in some localized areas. Yellow-orange horizontal bands 2cm wide run through the zone. Manganese staining present.
H806016	South	475.94	477.94	2	Extremely clay altered, highly fractured intrusive grading into clay vein material in some localized areas. Yellow-orange horizontal bands 2cm wide run through the zone. Manganese staining present.
H806017	South	477.94	479.94	2	Extremely clay altered, highly fractured intrusive grading into clay vein material in some localized areas. Yellow-orange horizontal bands 2cm wide run through the zone. Manganese staining present.
H806018	South	479.94	481.94	2	Extremely clay altered, highly fractured intrusive grading into clay vein material in some localized areas. Yellow-orange horizontal bands 2cm wide run through the zone. Manganese staining present.
H806019	South	481.94	482.44	0.5	Biotite, hornblende granodiorite. Hanging wall.
H806020	South	482.44	487.44	5	Biotite, Hornblende granodiorite. Localized limonite/manganese staining in fractures.
H806021	South	487.44	492.44	5	Biotite, Hornblende granodiorite. Localized limonite/manganese staining in fractures.
H806022	South	492.44	495.04	2.6	Manganese/limonite stained highly altered intrusive. (hornblende, quartz, biotite) granodiorite grading into a feldspar porphyry dyke with manganese/limonite staining along fractures. Fault?
H806023	South	495.04	497.64	2.6	Same porphyry grading into a typical intrusive. Vein material present in fractures in both the porphyry and intrusive.
H806024	South	497.64	502.14	4.5	Intrusive grading back to feldspar porphyry. Vein material present in fractures of both the porphyry and intrusive.
H806025	South	502.14	506.64	4.5	Feldspar porphyry. Vein material present in fractures. Manganese/limonite staining.
H806026	South	506.64	510.14	3.5	Feldspar porphyry. Clay alteration in fractures. Elongate feldspar.
H806027	South	510.14	511.14	1	Manganese/limonite stained intrusive with highly clay altered zones. Clay alteration present in fractures as well. Foot wall.
H806028	South	511.14	511.64	0.5	Clay vein zone. Yellow-orange. Highly altered/fractured.
H806029	South	511.64	512.64	1	Manganese/limonite stained, highly altered intrusive grading into a highly altered feldspar porphyry dyke. Hanging wall.
H806030	South	512.64	517.14	4.5	Feldspar porphyry dyke with elongate feldspars. Pitted limonite alteration. Manganese/limonite stained fractures.

Sample Number	Direction	From	To	Interval	Description
H806031	South	517.14	518.14	1	Manganese/limonite stained feldspar porphyry dyke with clay vein material in fractures. Foot wall.
H806032	South	518.14	518.64	0.5	Clay vein material hosting white quartz fragments. White-yellow colour.
H806033	South	518.64	519.14	0.5	Manganese/limonite stained intrusive. Highly clay altered. Clay vein material in fractures. Large gray quartz clasts in vein material.
H806034	South	519.14	519.64	0.5	Clay vein material hosting disseminated green quartz clasts. Yellow-white clay grading into altered intrusive. Manganese/limonite staining around clay.
H806035	South	519.64	520.67	1.03	Manganese/limonite stained intrusive. Highly altered/fractured. Clay alteration in fractures. Sulphide pitting.
H806036	South	520.67	522.44	1.77	Extremely weathered clay vein. Relic texture, gray quartz clasts, areas of altered Intrusive hosting disseminated pyrite. Extremely fractured limonite/manganese staining in fractures.
H806037	South	522.44	523.44	1	Highly altered clay grading into clay vein material. Yellow-orange-white feldspar clasts in vein material. Manganese/limonite staining in fractures.
H806038	South	523.44	524.44	1	Manganese/limonite stained, extremely altered intrusive grading into a feldspar porphyry dyke. Clay vein material spread throughout fractures in localized zones. Feldspar porphyry dyke hosts elongate limonite altered clay vein material. Bright yellow colour.
H806039	South	524.44	525.44	1	Feldspar porphyry dyke. Manganese/limonite staining in fractures. Some clay alteration in fractures as well.
H806040	South	525.44	530.44	5	Feldspar porphyry dyke. Large altered feldspar phenocrysts. Manganes/limonite staining in fractures.
H806041	South	530.44	533.99	3.55	Feldspar porphyry dyke. Large altered feldspar phenocrysts. Manganes/limonite staining in fractures.
H806042	South	533.99	534.49	0.5	Clay vein hosting purple quartz. Manganes/limonite staining.
H806043	South	534.49	535.7	1.21	Extremely altered feldspar porphyry dyke hosting a purple covered alteration. Clay vein material in fractures. hanging wall.
H806044	South	535.7	538.34	2.64	Feldspar porphyry dyke. Some limonite/manganese staining fractures. Spread out clay vein zones.
H806045	South	538.34	543.34	5	Feldspar porphyry dyke. Some areas with substantial clay vein material in fractures. Limonite/manganese staining in fractures.
H806046	South	543.34	549.34	6	Feldspar porphyry dyke. Large white feldspar phenocrysts. Manganese/limonite staining in fractures. Clay vein material in fractures of localized areas. Feldspar porphyry dyke has a gray-green matrix.

Sample Number	Direction	From	To	Interval	Description
H806047	South	549.34	554.34	5	Manganese/limonite stained feldspar porphyry dyke hosting elongate feldspars. Highly clay altered. Weathered in fractures. Only middle of porphyry rock is preserved. Grades into granodiorite with clay vein material in fractures and limonite staining. Dark orange.
H806048	South	554.34	559.34	5	Broken, faulted green feldspar porphyry dyke. Strong limonite staining on fractures. Strongly altered. Montmorillonite alteration present.
H806049	South	559.34	559.84	0.5	Foot wall of vein structure hosting pervasive limonite.
H806050	South	559.84	560.65	0.81	Gray-yellow vein structure hosting locally pitted quartz. Zone orientated at 118/65.
H806051	South	560.65	561.15	0.5	Hanging wall of vein zone. Heavily fractured intrusive hosting brown vein material on fractures.
H806052	South	561.15	563.4	2.25	2.25m chip across heavily fractured, montmorillonite altered quartz-biotite intrusive hosting two narrow veins (108/81) that are completely limonite altered. Very pervasive manganese staining on wall.
H806053	South	563.4	564.43	1.03	1.3 chip across limonite altered intrusive hosting clay alteration.
H806054	South	564.43	565.19	0.76	0.76 chip of shear zone hosting very clay altered intrusive. Cross cut by quartz stockwork.
H806055	South	565.19	567.19	2	Extremely pyritized (10% hornfels?) Porphyry hosting fractures with covellite, chalcopyrite and manganese 90%.
H806056	South	567.19	569.19	2	Extremely pyritized (10% hornfels?) Porphyry hosting fractures with covellite, chalcopyrite and manganese 90%.
H806057	South	569.19	571.19	2	Extremely pyritized (10% hornfels?) Porphyry hosting fractures with covellite, chalcopyrite and manganese 90%.
H806058	South	571.19	573.19	2	Extremely pyritized (10% hornfels?) Porphyry hosting fractures with covellite, chalcopyrite and manganese 90%. Grading into less sulphides.
H806059	South	573.19	575.19	2	Extremely pyritized (10% hornfels?) Porphyry hosting fractures with covellite, chalcopyrite and manganese 90%. Grading into less sulphides.
H806060	South	575.19	577.19	2	Locally strong zones of sulphides.
H806061	South	577.19	579.19	2	Less sulphides, but still present.
H806062	South	579.19	581.19	2	
H806063	South	581.19	583.19	2	Granodiorite hosting course biotite. A number of narrow vein zones cut host.
H806064	South	583.19	585.19	2	Very broken/fractured limonite altered intrusive.
H806065	South	585.19	590.19	5	5.0m chip across fresh granodiorite with local limonite alteration and staining on fractures.
H806066	South	590.19	591.91	1.72	1.72m chip across shear zone with local hornfelsing and pyrite.
H806067	South	591.91	595.91	4	4.0 chip fairly fresh granodiorite with local pockets of pyrite.
H806068	South	595.91	597.43	1.52	1.52m across a very strongly pyritized intrusive.

Sample Number	Direction	From	To	Interval	Description
H806069	South	597.43	598.83	1.4	1.40m of heavily fractured, strongly limonite altered granodiorite.
H806070	South	598.83	600.28	1.45	2.45m chip of deeply altered granodiorite hosting clay vein material and minor quartz fragments and veins.
H806071	South	600.28	605.28	5	5.0m sample of granodiorite hosting local zones of pyrite hornfelsing.
H806072	South	605.28	610.28	5	Moderately altered granodiorite.
H806073	South	610.28	616.28	6	Moderately altered granodiorite.
H806074	South	616.28	617.21	0.93	Clay vein zone.
H806075	South	617.21	618.21	1	Moderately altered intrusive.
KL/TR/10/02					
H806076	North	0	1	1	Highly altered intrusive. Manganese/limonite stained, highly fractured. Extremely clay altered In fractures and localized areas. Some areas display a more competant altered granodiorite with very scattered pyrite.
H806077	North	1	3.5	2.5	Highly altered biotite, hornblende, quartz granodiorite with extreme clay alteration. Large green-grey quartz clasts throughout. Highly fractured, manganes/limonite stained fractures. Clay alteration grading to vein material in some areas.
H806078	North	3.5	6	2.5	Highly altered biotite, hornblende, quartz grannodiorite with extreme clay alteration. Large green-grey quartz clasts throughout. Highly fractured, manganese/limonite stained fractures. clay alteration grading to vein material in some areas.
H806079	North	6	8.5	2.5	Extremely fractured/altered intrusive. Heavily clay altered limonite staining. Manganese stained bands run vertically throughout zone (1cm thick) Yellow orange colour. Grey-white clasts (speckled). Very localized areas of green weathered quartz.
H806080	North	8.5	11	2.5	Same material grading into more compitant intrusive. Highly altered, manganese/limonite stained. Some very scattered zones of pyrite. Limonite pitting. Clay alteration In fractures.
H806081	North	11	13.5	2.5	Altered granodiorite (biotite, hornblende, quartz) showing an increasing abundance of disseminated pyrite pockets. Manganese/limonite stained fractures. Clay alteration abundant. Clay vein material in fractures. Orange-yellow colour. Grey-white clasts(speckled). Very localized areas of green quartz.
H806082	North	13.5	16	2.5	Altered granodiorite (biotite, hornblende, quartz) showing an increasing abundance of disseminated pyrite pockets. Manganese/limonite stained fractures. Clay alteration abundant. Clay vein material in fractures. Orange-yellow colour. Grey-white clasts(speckled). Very localized areas of green quartz.

Sample Number	Direction	From	To	Interval	Description
H806083	North	16	18.5	2.5	Biotite, hornblende, quartz granodiorite. Highly altered fracture plains. Very competant. Blue tinge colour, very weak and only in center of rock. Limonite/manganese staining. Clay alteration In fractures. Localized zones of pyrite(other sulphide begin to appear?).
H806084	North	18.5	21	2.5	Intensly altered granodiorite/intrusive? Clay alteration In fractures. Manganese/limonite staining. Very limonite pitted. No sulphides. Highly fractured. Large grey quartz fragments. Some hematite staining.
H806085	North	21	21.5	0.5	Clay vein zone. Yellow-orange with clear-gray quartz clasts. Very altered/fractured. Limonite/manganese stained. 159/90.
H806086	North	21.5	24	2.5	Extremely altered intrusive. Manganese/limonite stained. Highly fractured. Yellow-white-orange clay altered zones. Clay gouge in fractures as well as limonite/manganese staining.
H806087	North	24	26	2	Clay vein zone. Manganese/limonite stained. Orange-yellow colour grading into white-grey lenses. Extremely altered. Minor components of grey quartz clasts. 2 large quartz bands (5-10cm wide). 112/65. Some hematite staining (especially on opposite wall).
H806088	North	26	28.5	2.5	Manganese/limonite stained bright blue quartz granodiorite hosting abundant disseminated sulphides. Highly altered along fractures. Limonite pitting in altered zones. Localized areas have undergone extensive alteration. They appear extremely fractured and contain no sulphides. Manganese/limonite stained fractures.
H806089	North	28.5	31	2.5	Manganese/limonite stained bright blue quartz granodiorite hosting abundant disseminated sulphides. Highly altered along fractures. Limonite pitting in altered zones. Localized areas have undergone extensive alteration. They appear extremely fractured and contain no sulphides. Manganese/limonite stained fractures.
H806090	North	31	33.5	2.5	Manganese/limonite stained bright blue quartz granodiorite hosting abundant disseminated sulphides. Highly altered along fractures. Limonite pitting in altered zones. Localized areas have undergone extensive alteration. They appear extremely fractured and contain no sulphides. Manganese/limonite stained fractures.
H806091	North	33.5	36	2.5	Hornblende, biotite, quartz granodiorite hosting far less sulphides then before. Crystals appear large. White-black colour with areas of dark blue. Minor manganese/limonite staining in fractures. Mineralization is isolated to localized areas and a few stringers.

Sample Number	Direction	From	To	Interval	Description
H806092	North	36	41	5	Large biotite, quartz, hornblende crystals. Granodiorite with a white-grey, some areas blue, colour. Manganese/limonite staining in fractures.
H806093	North	41	46	5	Large biotite, quartz, hornblende crystals. Granodiorite with a white-grey, some areas blue, colour. Manganese/limonite staining in fractures.
H806094	North	46	48.5	2.5	Manganese/limonite stained/altered granodiorite hosting localized disseminated pyrite/arsenopyrite. Moderately fractured with clay alteration and limonite/manganese staining in fractures. Some hematite staining in zones of increased alteration.
H806095	North	48.5	51	2.5	Manganese/limonite stained/altered granodiorite hosting localized disseminated pyrite/arsenopyrite. Moderately fractured with clay alteration and limonite/manganese staining in fractures. Some hematite staining in zones of increased alteration.
H806096	North	51	53.5	2.5	Manganese/limonite stained, bright blue coloured, quartz, hornblende, biotite granodiorite hosting abundant disseminated sulphides. Highly altered along fractures. Limonite pitting in altered zone.
H806097	North	53.5	56	2.5	Sulphide bearing granodiorite grading into a highly altered clay vein zone. Manganese/limonite staining prolific. Highly fractured.
H806098	North	56	58.5	2.5	Clay vein zone hosting large gray quartz clasts. Yellow-orange colour with black manganese staining. 106/sub-vertical.
H806099	North	58.5	63.5	5	Highly altered granodiorite. Extensive manganese/limonite staining in fracture zones. Moderately fractured, limonite pitted.
H806100	North	63.5	68.5	5	Extremely altered, limonite/manganese stained intrusive. Very highly fractured. Hosts localized regions of fractured green-grey quartz clasts, clay alteration in fractures.
H806101	North	68.5	70	1.5	Highly clay altered Intrusive. Black-white speckled appearance. No clay vein zones. Highly fractured zones of manganese/limonite staining.
H806102	North	70	73	3	Biotite, hornblende, quartz granodiorite with extensive manganese/limonite staining deep into the rock. Hosts localized areas of disseminated pyrite. Alteration and limonite Staining most prolific along fractures. Seems to grade into a less altered granodiorite hosting a greater abundance of sulphide minerals. Clay alteration in some more highly altered areas along fractures.
H806103	North	73	74.25	1.25	Manganese/limonite stained biotie, hornblende, quartz granodiorite with poorly developed hornfelsing centers. Hosts abundant pyrite/arsenopyrite. Limonite stained fractures.
H806104	North	74.25	76.45	2.2	Highly altered, limonite/manganese stained intrusive. Highly fractured. Clay alteration In fractures. Biotite alteration present.

Sample Number	Direction	From	To	Interval	Description
H806105	North	76.45	81.45	5	Biotite, quartz, hornblende granodiorite with mild manganese/limonite stained fractures. Local areas are k-feldspar dominated. Competent. Limonite pitting around edges of rock fragments.
H806106	North	81.45	86.45	5	Biotite, quartz, hornblende granodiorite with mild manganese/limonite stained fractures. Competent. One rock displayed very high quanities of pyrite along fractures. No other sulphides found throughout zone.
H806107	North	86.45	92.45	6	Altered granodiorite. Manganese/limonite stained fractures. Granodiorite grades into hornfels centers. Hornfels center are 6-10cm from outside of rock. Limonite pits in some localized areas.
H806108	North	Blank			
H806109	North	92.45	97.45	5	Altered manganese/limonite stained intrusive with bands of both clay alteration and lens altered granodiorite. Highly fractured. Clay alteration does not grade into vein material. Grey quartz clasts present. Some areas show hornfelsing with altered K-feldspar clasts (white) deep inside granodiorite rocks.
H806110	North	97.45	102.45	5	Altered manganese/limonite stained intrusive with bands of both clay alteration and lens altered granodiorite. Highly fractured. Clay alteration does not grade into vein material. Grey quartz clasts present. Some areas show hornfelsing with altered K-feldspar clasts (white) deep inside granodiorite rocks.
H806111	North	102.45	104.55	2.1	Altered manganese/limonite stained intrusive with bands of both clay alteration and lens altered granodiorite. Highly fractured. Clay alteration does not grade into vein material. Grey quartz clasts present. Some areas show hornfelsing with altered K-feldspar clasts (white) deep inside granodiorite rocks.
H806112	North	104.55	107.65	3.1	Highly clay altered intrusive. Very fractured. Orange-yellow colour. Grey-quartz clasts. Some clay vein lenses in localized area. Manganese/limonite stained fractures.
H806113	North	107.65	108.65	1	Manganese/limonite stained (biotie, hornblende, quartz) granodiorite with low grade hornfels center. Hosts very small grained very low quantities of disseminated pyrite. Typical brown-red manganese/limonite stained fractures grading into blue centers with white altered K-feldspar phenocrysts. footwall.
H806114	North	108.65	112	3.35	Manganese/limonite stained (biotie, hornblende, quartz) granodiorite with low grade hornfels center. Hosts very small grained very low quantities of disseminated pyrite. Typical brown-red manganese/limonite stained fractures grading into blue centers with white altered K-feldspar phenocrysts.
H806115	North	PL-2 Standard			

Sample Number	Direction	From	To	Interval	Description
H806116	North	115	116	1	Manganese/limonite stained (biotie, hornblende, quartz) granodiorite with low grade hornfels center. Hosts very small grained very low quantities of disseminated pyrite. Typical brown-red manganese/limonite stained fractures grading into blue centers with white altered K-feldspar phenocrysts.
H806117	North	116	118.35	2.35	Highly clay altered, extremely fractured, manganese/limonite stained intrusive hosting a 0.83cm wide clay vein zone. Hematite staining in localized areas. Orange-yellow banded colour. 158/50.
H806118	North	118.35	119.35	1	Manganese/limonite stained/altered/fractured intrusive. Clay alteration in fractures. Blocky. Foot wall.
H806119	North	112	115	3	
H806120	North	119.35	124.8	5.45	Biotite, hornblende, qtuarz granodiorite with minor manganese/limonite staining in fractures. Rock is altered around edges and has blue hornfels center with white k-feldspar altered clasts. Rock hosts scattered small amounts of disseminated pyrite with localized zones of more abundant pyrite.
H806121	North	124.8	125.8	1	Manganese/limonite altered intrusive. Highly fractured. Clay alteration in fractures. 10cm wide clay vein zone dipping 30 degrees runs across the area. Can't correlate to opposite wall (blast out).
H806122	North	125.8	126.67	0.87	Highly altered/fractured clay vein zone with white clay lenses hosting fractured green-grey quartz. Bright yellow-white with some localized manganese staining. True width 43cm. 86/80.
H806123	North	126.67	127.67	1	Manganese/limonite stained granodiorite with limonite pits. Moderately fractured. Intense limonite/manganese staining in fractures.
H806124	North	127.67	130.87	3.2	Altered granodiorite. Manganese/limonite stained throughout. Hornfels in center in some areas. Rock hosts disseminated pyrite in moderate quantities. Moderately fractured.
H806125	North	130.87	131.87	1	Highly altered limonite/manganese stained, highly fractured intrusive. Blocky. Dark manganese staining in some zones. Sulphide pitted. Limonite pits as well. Hanging wall.
H806126	North	131.87	136.17	4.3	Highly altered clay vein zone hosting green-grey quartz clasts. Limonite/manganese stained bands. Dark orange-yellow-brown colour. Some localized areas of black manganese staining. Super fractured. No lenses or quartz veins/dyke material. 150/60 degrees.
H806127	North	136.17	137.17	1	Highly altered, limonite/manganese stained, highly fractured intrusive. Blocky. Dark manganese staining. Limonite pits. Footwall.
H806128	North	137.17	140.17	3	Highly altered/fractured, limonite/manganese stained intrusive. Clay alteration In fractures.

Sample Number	Direction	From	To	Interval	Description
H806129	North	140.17	142.67	2.5	Manganese/limonite staining in fractures. Competent biotite, quartz, hornblende granodiorite with localized areas of hematite staining in fractures.
H806130	North	142.67	146.57	3.9	Extremely altered and fractured manganese/limonite stained intrusive. Blocky fragments.
H806131	North	146.57	150.47	3.9	Manganese/limonite stained, fractured/altered Intrusive hosting localized areas of clay vein material. Clay alteration throughout a lot of the zone. Dark brown-yellow with some gray clay altered zones.
H806132	North	150.47	154.44	3.97	Feldspar porphyry dyke with minor limonite stained fractures. Gray matrix hosting altered K-feld phenocrysts (white).
H806133	North	154.44	159.44	5	Feldspar porphyry dyke (the same as 132) grading into a purple colored matrix.
H806134	North	159.44	164.44	5	Altered smeared feldspar porphyry dyke. Extremely fractured, purple matrix hosting white k-feldspar clasts. Limonite staining in fractures. FAULT ZONE.
H806135	North	164.44	169.44	5	Altered intrusive, some manganese/limonite stained zones. Extremely fractured sandy texture grading into clay vein material in localized zones.
H806136	North	169.44	172.14	2.7	Feldspar porphyry dyke. Manganese/limonite stained fractures. Gray matrix hosting pink feldspar and limonite alteration.
H806137	North	172.14	175.14	3	Highly altered/fractured manganes/limonite stained intrusive hosting localized areas of clay alteration grading into clay vein material. Some hematite staining in fractures. Brown-light brown colour.
H806138	North	175.14	178.14	3	Highly altered/fractured manganes/limonite stained intrusive hosting localized areas of clay alteration grading into clay vein material. Some hematite staining in fractures. Brown-light brown colour.
H806139	North	178.14	179.14	1	Altered manganese/limonite stained intrusive. Some clay alteration still present. Highly fractured, grading into less fractured blocky structure with manganese and limonite stained fractures.
H806140	North	179.14	184.14	5	Blocky structure. Fractured feldspar porphyry dyke. Purple/gray matrix hosting altered K-feldspar phenocrysts. Some limonite staining in fractures. Limonite pitting around edges of rock. Relic texture.
H806141	North	184.14	189.14	5	Blocky structure. Fractured feldspar porphyry dyke. Purple/gray matrix hosting altered K-feldspar phenocrysts. Some limonite staining in fractures. Limonite pitting around edges of rock. Relic texture.
H806142	North	189.14	194.14	5	Blocky structure. Fractured feldspar porphyry dyke. Purple/gray matrix hosting altered K-feldspar phenocrysts. Some limonite staining in fractures. Limonite pitting around edges of rock. Relic texture.

Sample Number	Direction	From	To	Interval	Description
H806143	North	194.14	199.14	5	Blocky structure. Fractured feldspar porphyry dyke. Purple/gray matrix hosting altered K-feldspar phenocrysts. Some limonite staining in fractures. Limonite pitting around edges of rock. Relic texture.
H806144	North	199.14	204.07	4.93	Blocky structure. Fractured feldspar porphyry dyke. Purple/gray matrix hosting altered K-feldspar phenocrysts. Some limonite staining in fractures. Limonite pitting around edges of rock. Relic texture.
H806145	North	204.07	209	4.93	Blocky structure. Fractured feldspar porphyry dyke. Purple/gray matrix hosting altered K-feldspar phenocrysts. Some limonite staining in fractures. Limonite pitting around edges of rock. Relic texture.
H806146	North	209	210	1	Altered feldspar porphyry dyke. Manganese/limonite stained, highly fractured, limonite pitted intrusive. Clay alteration in fractures. Hanging wall.
H806147	North	210	210.94	0.94	Smeared feldspar porphyry dyke grading into a few thin clay vein bands. Limonite/manganese stained. Vein is yellow-purple, highly fractured. Fault zone. 118/73.
H806148	North	210.94	211.94	1	Manganese/limonite stained intrusive grading into granodiorite. Blocky. Some clay alteration In fractures. Footwall.
H806149	North	211.94	216.44	4.5	Manganese/limonite stained fractures. (hornblende, biotite, quartz) granodiorite grading into hornfelsed centers. Hosts disseminated pyrite. Some areas of intense alteration. Clay alteration. Dark manganese staining.
H806150	North	216.44	217.44	1	Intensly altered granodiorite with dark manganes and limonite staining. Highly fractured localized areas of green-grey quartz clasts. Sulphide pitted. Hanging wall.
H806201	North	217.44	220.07	2.63	Highly manganese/limonite stained. Clay alteration grading into vein material in some areas. One 10cm wide clay vein. Bright yellow colour hosting green quartz. Dyke material In zone. White-black speckled clay alteration present.
H806202	North	220.07	221.07	1	Manganese/limonite stained, (biotite, hornblende, quartz) granodiorite hosting disseminated pyrite. Local areas of intense dark manganese staining. Blue colour.
H806203	North	221.07	224.07	3	Extremely manganese/limonite stained intrusive. Highly fractured. Intense alterations did not penetrate rock in some areas. Limonite Pitting prevelant. Very center of rock has blue quartz flooding (Hornfelsing type material) hosting pyrite. Localized clay alteration. Limonite staining/clay alteration in fractures. some localized hematite staining. blocky fragments.
H806204	North	224.07	227.07	3	Extremely manganese/limonite stained intrusive. Highly fractured. Intense alterations did not penetrate rock in some areas. Limonite Pitting prevelant. Very center of rock has blue quartz flooding (Hornfelsing type material) hosting pyrite. Localized clay alteration. Limonite staining/clay alteration in fractures. some localized hematite staining. blocky fragments.

Sample Number	Direction	From	To	Interval	Description
H806205	North	227.07	230.07	3	Extremely manganese/limonite stained intrusive. Highly fractured. Intense alterations did not penetrate rock in some areas. Limonite Pitting prevelant. Very center of rock has blue quartz flooding (Hornfelsing type material) hosting pyrite. Localized clay alteration. Limonite staining/clay alteration in fractures. some localized hematite staining. blocky fragments.
H806206	North	230.07	231.07	1	Highly altered, manganese/limonite stained, highly fractured intrusive. Some clay alteration In fractures. Dark black manganese staining. Limonite pits. Hanging wall.
H806207	North	231.07	232.37	1.3	Clay vein zone. Bright gold yellow colour. Limonite/manganese staining. Areas of fractured green-gray quartz. Hematite stained bands.
H806208	North	232.37	233.97	1.6	Apparent zenolith host rock on usually sampled wall. Sampled opposite face to avoid foreign object. Clay vein with increasing abundance of fractured quartz dyke material. Bright yellow colour. Limonite/manganese stained.
H806209	North	233.97	234.97	1	Manganese/limonite stained/altered Intrusive. Dark black manganese staining. Limonite pitted. Clay altered In fractures. Footwall.
H806210	North	234.97	239.97	5	Manganese/limonite stained (biotite, quartz, hornblende) granodiorite. Blueish colour. Moderately fractured. Hosts localized areas of disseminated pyrite. Clay and limonite alteration in fractures. Blocky.
H806211	North	239.97	244.97	5	Manganese/limonite stained (biotite, quartz, hornblende) granodiorite. Blueish colour. Moderately fractured. Hosts localized areas of disseminated pyrite. Clay and limonite alteration in fractures. Blocky.
H806212	North	244.97	249.97	5	Manganese/limonite stained (biotite, quartz, hornblende) granodiorite. Blueish colour. Moderately fractured. Hosts localized areas of disseminated pyrite. Clay and limonite alteration in fractures. Blocky.
H806213	North	249.97	254.97	5	Manganese/limonite stained (biotite, quartz, hornblende) granodiorite. Blueish colour. Moderately fractured. Hosts localized areas of disseminated pyrite. Clay and limonite alteration in fractures. Blocky.
H806214	North	254.97	259.97	5	Highly altered, limonite stained, extremely fractured intrusive with localized clay altered zones. Sandy texture. Brown-light brown colour.
H806215	North	259.97	264.97	5	Highly altered, limonite stained, extremely fractured intrusive with localized clay altered zones. Sandy texture. Brown-light brown colour. Grading back to (biotite, hornblende, quartz) granodiorite.
H806216	North	264.97	267.97	3	Typical granodiorite grading into manganese/limonite stained/altered, highly fractured intrusive with clay alteration in fractures.
H806217	North	267.97	272.17	4.2	Typical granodiorite grading into manganese/limonite stained/altered, highly fractured intrusive with clay alteration in fractures.

Sample Number	Direction	From	To	Interval	Description
H806218	North	272.17	275.4	3.23	Extremely clay altered, highly fractured, manganese/limonite stained intrusive with localized vein zones. Black white speckled clay alteration. Limonite stained bands. Manganese staining In fractures.
H806219	North	275.4	276.86	1.46	Manganese/limonite stained, highly altered/fractured intrusive hosting clay altered bands of various orientations. Black/white speckled clay altered bands. Limonite stained bands. Manganese staining In fractures.
H806220	North	276.86	277.86	1	Manganese/limonite stained, highly altered/fractured intrusive hosting clay altered bands of various orientations. Black/white speckled clay altered bands. Limonite stained bands. Manganese staining In fractures.
H806221	North	277.86	278.49	0.63	Red rust coloured, highly altered/fractured intrusive with manganese/limonite stained fractures hosting disseminated pyrite and gray quartz clasts. 81/75.
H806222	North	278.49	279.49	1	Highly clay altered, limonite stained intrusive grading into hornblende, biotite, quartz granodiorite. Footwall.
H806223	North	279.49	290	10.51	Typical hornblende, biotite, quartz granodiorite.
H806224	North	290	300	10	Typical hornblende, biotite, quartz granodiorite.
H806225	North	300	310	10	Altered manganese/limonite stained, moderately fractured intrusive. Some clay alteration in fractures. Localized areas extremely fractured.
H806226	North	310	315	5	Altered manganese/limonite stained, moderately fractured intrusive. Some clay alteration in fractures. Localized areas extremely fractured.
H806227	North	315	320	5	Manganes/limonite stained granodiorite hosting very spread out, low abundance pyrite. Some zones highly fractured.
H806228	North	320	330	10	Typical hornblende, biotite, quartz granodiorite.
H806229	North	330	340	10	Typical hornblende, biotite, quartz granodiorite.
H806230	North	340	350	10	Typical hornblende, biotite, quartz granodiorite.
H806231	North	350	355	5	Highly altered/fractured, manganes/limonite stained intrusive. Some clay alteration in fractures. Reddish brown colour.
H806232	North	355	360	5	Highly altered/fractured, manganes/limonite stained intrusive. Some clay alteration in fractures. Reddish brown colour.
H806233	North	360	365	5	Limonite stained fractures. altered feldspar porphyry dyke. Gray-blue matrix hosting k-feldspar phenocrysts in center of rock. Dark coloured ring around edges.
H806234	North	365	366	1	Limonite stained fractures. altered feldspar porphyry dyke. Gray-blue matrix hosting k-feldspar phenocrysts in center of rock. Dark coloured ring around edges. hanging wall.
H806235	North	366	370	4	Extremely altered/fractured, dark manganese/limonite stained intrusive. Blocky structured areas. Localized clay alteration. Appears black-white speckled. Standout dark orange and blue/black colours.

Sample Number	Direction	From	To	Interval	Description
H806236	North	370	371	1	Extremely altered, dark manganes/limonite stained intrusive. Clay alteration in fractures. Highly fractured. Grades into yellow cloured, extremely fractured clay vein hosting fractured green-grey quartz fragments.
H806237	North	371	373.5	2.5	Clay vein zone. Limonite stained bright yellow-orange clay altered material hosting a 20cm quartz dyke vein. White clay altered lenses. Extremely fractured. 109/sub-vertical. True width approximately 1.3m (obscured by road).
H806238	North	387	392.25	5.25	Highly altered, manganese/limonite stained intrusive with localized zones of clay alteration. Moderately fractured blocky structure. Dark manganese stained fractures. Hosts low abundance of disseminated pyrite. Also hosts quartz vein zones with large pores. Veinlets are less then 1cm across. Large, well developed quartz crystals.
H806239	North	392.25	397.5	5.25	Extremely altered, limonite/manganese stained, highly fractured intrusive hosting large gray quartz fragments and localized clay altered zones. Light orange colour. Clay gouge in some fractures and zones.
H806240	North	397.5	407.5	10	(biotite, hornblende, quartz) granodiorite, Competent. Minor manganese staining in fractures.
H806241	North	407.5	410.95	3.45	(biotite, hornblende, quartz) granodiorite, Competent. Minor manganese staining in fractures.
H806242	North	410.95	411.95	1	Highly altered, limonite/manganese stained intrusive. Hanging wall.
H806243	North	411.95	412.95	1	Clay vein zone. Bright yellow with large amounts of hematite staining. Can't get orientation.
H806244	North	412.95	413.95	1	Feldspar porphyry dyke. Blue-gray matrix with white k-feldspar phenocrysts. Footwall.
H806245	North	413.95	418.95	5	Feldspar porphyry dyke grading into a manganese/limonite stained granodiorite. Blocky. Hosts localized zones of hornfelsing in center of rock with disseminated pyrite.
H806246	North	418.95	419.95	1	Highly altered, manganese/limonite stained intrusive. Blocky structure. Limonite staining and dark manganese stained fractures. Hosts disseminated pyrite. Also contains green-grey quartz dyke material. Hanging wall.
H806247	North	419.95	420.95	1	Clay altered zone. Highly fractured. Limonite/manganese stained. Hosts blue quartz dyke fragments.
H806248	North	420.95	423.55	2.6	Intensly manganese/limonite stained granodiorite hosting disseminated pyrite. Localized areas of hornfelsed rock centers.
H806249	North	423.55	424.55	1	Highly altered/fractured, Manganese/limonite stained clay gouge zone hosting fractured quartz vein/dyke material and veinlets of milky quartz. Veinlets are porous. Some hematite staining. 123/49.

Sample Number	Direction	From	To	Interval	Description
H806250	North	424.55	425.55	1	Intensly manganese/limonite stained (biotite, hornblende, quartz) granodiorite. Footwall.
H806251	North	207	202	5	Highly altered, manganese/limonite stained intrusive. highly fractured. Localized areas of clay alteration. Similairly, other areas grade into less fractured more competent intrusive. Dark orange colour with some black manganese staining. Limonite pits. Biotite alteration present.
H806252	North	202	197	5	Highly altered, manganese/limonite stained intrusive. highly fractured. Localized areas of clay alteration. Similairly, other areas grade into less fractured more competent intrusive. Dark orange colour with some black manganese staining. Limonite pits. Biotite alteration present.
H806253	North	197	192	5	Highly altered, manganese/limonite stained intrusive. highly fractured. Localized areas of clay alteration. Similairly, other areas grade into less fractured more competent intrusive. Dark orange colour with some black manganese staining. Limonite pits. Biotite alteration present.
H806254	North	192	185	7	
H806255	North	185	181.75	3.25	
H806256	North	181.75	176.75	5	
H806257	North	176.75	172.85	3.9	
H806258	North	172.85	172.35	0.5	
H806259	North	172.35	164.85	7.5	
H806260	North	164.85	157.05	7.8	
H806261	North	154.85	152.85	2	
H806262	North	150.85	148.65	2.2	
H806263	North	148.65	147.05	1.6	
H806264	North	130.05	128.75	1.3	
H806265	North	126.45	124.85	1.6	
H806266	North	118.85	118.05	0.8	
H806267	North	118.05	116.75	1.3	
H806268	North	116.75	115.25	1.5	
H806269	North	115.25	112.45	2.8	
H806270	North	99	96.3	2.7	
H806271	North	96.3	95.55	0.75	
H806272	North	95.55	92.55	3	
H806273	North	92.55	90.02	2.53	
H806274	North	90.02	87.52	2.5	
H806275	North	87.52	84.77	2.75	

Sample Number	Direction	From	To	Interval	Description
H806276	North	107.45	104.45	3	
H806277	North	84.77	81.77	3	
H806278	North	425.55	430.55	5	
H806279	North	430.55	435.55	5	
H806280	North	435.55	440.55	5	
H806281	North	440.55	445.55	5	
H806282	North	445.55	449.55	4	
H806283	North	449.55	451.55	2	
H806284	North	451.55	453.55	2	
H806285	North	453.55	455.55	2	
H806286	North	455.55	457.55	2	
H806287	North	457.55	459.55	2	
H806288	North	459.55	461.55	2	
H806289	North	373.5	375.5	2	
H806290	North	375.5	376.5	1	
H806291	North	376.5	387	10.5	
KL/TR/10/03					
H806292	South	207	212	5	Manganese/limonite stained, highly altered intrusive. Blocky structure. Localized clay alteration. Biotite alteration. Montmorillonite alteration.
H806293	South	212	217	5	Same as before some quartz/feldspar porphyry in rock.
H806294	South	217	223	6	(biotite,hornblende,quartz) granodiorite. Manganese/limonite stained (minor).
H806295	South	223	228	5	Highly altered, manganese/limonite stained intrusive. Montmorillonite alteration. Highly fractured, clay alteration in fractures. Dark manganese staining.
H806296	South	228	231	3	Highly altered, manganese/limonite stained intrusive. Montmorillonite alteration. Highly fractured. Clay alteration in fractures. Dark manganese staining.
H806297	South	231	232	1	Clay alteration. Footwall highly altered/fractured. Manganese/limonite stained. Montmorillonite alteration. Clay alteration in fractures.
H806298	South	232	233	1	Clay vein zone. Quartz feldspar porphyry fragments. Bands of montmorillonite alteration. Biotite alteration present. Yellow-orange colour. Approximately 1.0m across.
H806299	South	233	234	1	Clay vein zone.
H806300	South	234	235	1	Clay alteration. Hanging wall. Montmorillonite/biotite alteration.
H806301	South	235	240	5	Manganese/limonite stained granodiorite. Highly fractured/altered. Some clay alteration in fractures.
H806302	South	240	247.5	7.5	Manganese/limonite stained granodiorite. Highly fractured/altered. Some clay alteration in fractures.

Sample Number	Direction	From	To	Interval	Description
H806303	South	247.5	257.5	10	Manganese/limonite stained (biotite, hornblende, quartz) granodiorite hosting 2 thin bands of clay altered, highly fractured intrusive.
H806304	South	257.5	262.5	5	Highly altered/fractured intrusive. Blocky. Clay alteration in fractures with limonite alteration. Some localized zones of montmorillonite alteration.
H806305	South	262.5	264.2	1.7	Extremely fractured/altered intrusive. Clay/montmorillonite/serecite alteration. No vein material. Biotite alteration also present. Bright orange-yellow colour. Manganese stained fractures. Footwall.
H806306	South	264.2	265.2	1	Manganese/limonite stained, super fractured intrusive. Montmorillonite and Clay alteration present. 3cm band of quartz feldspar porphyry. Dark manganese in fractures. Minor serecite alteration.
H806307	South	265.2	266.2	1	Blocky mananese/limonite stained and altered Intrusive. Footwall
H806308	South	266.2	271.2	5	Manganese/limonite stained, highly altered intrusive. Blocky. Limonite/clay alteration in fractures. Same as H806307.
H806309	South	271.2	273.75	2.55	Extremely fractured, limonite/manganese stained intrusive. Biotite/montmorillonite alteration. Sandy texture. Shear zone.
H806310	South	273.75	274.75	1	Same as 309-grading into clay vein material. Bright colours. Footwall.
H806311	South	274.75	275.75	1	Clay vein zone. White colour. Quartz feldspar porphyry dyke fragments throughout. Extremely altered/fractured and manganese/limonite stained. 62cm true width 137/57.
H806312	South	275.75	276.75	1	Manganese/limonite stained intrusive. Blocky. sulphide pitted. Limonite alteration along fractures. Dark manganese staining throughout. Hanging wall.
H806313	South	276.75	280.43	3.68	Small vein zone at beginning of zone. Highly fractured.
H806314	South	280.43	281.25	0.82	Footwall. Clay altered, manganese/limonite stained intrusive.
H806315	South	281.25	282.25	1	Clay vein zone. Quartz feldspar porphyry fragments. White clay throughout. Hematite staining. 139/42, 58cm true width.
H806316	South	282.25	283.25	1	Hanging wall. Highly fractured, limonite/manganese stained intrusive. Sulphide pitted. Limonite alteration in fractures. Some clay alteration present. Gray quartz clasts throughout.
H806317	South	283.25	285.65	2.4	Hanging wall. Highly fractured, limonite/manganese stained intrusive. Sulphide pitted. Limonite alteration in fractures. Some clay alteration present. Gray quartz clasts throughout.
H806318	South	Blank/Standard			
H806319	South	290.5	291.5	1	Footwall. Red rusted look to altered intrusive. Highly fractured. highly altered. Blocky zones.

Sample Number	Direction	From	To	Interval	Description
H806320	South	291.5	292.5	1	Highly altered, dark manganese/limonite stained, blocky, highly fractured intrusive. Sulphide pitting prevalent. Zone hosts milky quartz veinlets and clay vein stringers. Pervasive pyrite throughout. Purple metallic luster to manganese staining. Clay/limonite alteration in fractures, fragmented through out zone.
H806321	South	285.65	288.5	2.85	Clay vein zone. White lenses. Quartz feldspar porphyry fragments. Opposite side of wall obscured. Hematite stained zones. Large, white quartz vein areas at 82cm into zone. Strong looking vein zone for good grades. True width is approximately 3m (obscured).
H806322	South	288.5	290.5	2	Clay vein zone. White lenses. Quartz feldspar porphyry fragments. Opposite side of wall obscured. Hematite stained zones. Large, white quartz vein areas at 82cm into zone. Strong looking vein zone for good grades.
H806323	South	290.5	295	4.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806324	South	295	297.5	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806325	South	297.5	300	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806326	South	300	302.5	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806327	South	302.5	305	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.

Sample Number	Direction	From	To	Interval	Description
H806328	South	305	307.5	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806329	South	307.5	310	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806330	South	310	312.5	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806331	South	312.5	315	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806332	South	315	317.5	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806333	South	317.5	320	2.5	Manganese/limonite stained intrusive. Highly altered/fractured material hosting gray quartz clasts. Sulphide pitting throughout. Limonite alteration in fractures. Quartz veinlets in some some fractures. Localized hematite stained regions. Intrusive hosts milky quartz veins from 15cm-2cm throughout area. Zone is orientated 58/sub-vertical. Milky quartz in the zone hosts pervasive pyrite. Blocky structure.
H806334	South	Rep. Sample			
H806335	South	Blank/Standard			
H806336	South	320	324.5	4.5	Manganese/limonite stained granodiorite. Moderately fractured/highly altered. First 1.5m appears to be feldspar porphyry dyke hosting pyrite. Large wallrock inclusions of granodiorite. Largest fragments grade into hornfelsed centers hosting disseminated pyrite.

Sample Number	Direction	From	To	Interval	Description
H806337	South	324.5	329.5	5	highly altered/fractured intrusive. Manganese/limonite stained throughout. Large, pervasive gray quartz clasts.
H806338	South	329.5	334.5	5	highly altered/fractured intrusive. Manganese/limonite stained throughout. Large, pervasive gray quartz clasts.
H806339	South	Standard PL-2			
H806340	South	334.5	339.5	5	highly altered/fractured intrusive. Manganese/limonite stained throughout. Large, pervasive gray quartz clasts.
H806341	South	339.5	346.5	7	Extremely altered/fractured intrusive. Sandy texture in some areas. Clay alteration present with localized montmorillonite alteration. Light orange colour. Fractures darkly manganese stained. Gray quartz clasts.
H806342	South	346.5	347.5	1	Highly altered, manganese/limonite stained intrusive. Clay alteration grading into vein material in some spots. Highly fractured quartz fragments throughout. Footwall.
H806343	South	347.5	349.5	2	Extremely altered/fractured clay vein zone. Quartz vein fragments present. Limonite/manganese stained. No bands (colours smeared together).
H806344	South	349.5	351.5	2	Extremely altered/fractured clay vein zone. Quartz vein fragments present. Limonite/manganese stained. No bands (colours smeared together). Some hematite staining. 107/43.
H806345	South	351.5	352.5	1	Highly altered, manganese/limonite stained, highly fractured intrusive. Blocky. Hanging wall.
H806346	South	352.5	357.5	5	Altered manganese/limonite stained granodiorite. Blocky sections but mostly fractured. Localized areas of dark manganese staining. Limonite alteration in fractures.
H806347	South	357.5	362.5	5	Manganese/limonite stained, fractured granodiorite hosting a light blue/white quartz feldspar porphyry with disseminated pyrite. Limonite alteration in fractures.
H806348	South	362.5	367.5	5	Highly altered/fractured, limonite/manganese stained intrusive. Blocky fragments have deep dark manganese staining.
H806349	South	367.5	372.5	5	Manganese/limonite stained granodiorite with localized zones of clay alteration In fractures.
H806350	South	372.5	377.5	5	Manganese/limonite stained granodiorite with localized zones of clay alteration In fractures.
H806401	South	377.5	379.75	2.25	Highly altered, limonite/manganese stained intrusive. Intense clay and montmorillonite alteration.
H806402	South	379.75	384.75	5	Highly altered, manganese/limonite stained intrusive. Highly fractured. Dark manganese staining along fractures. Blocky. Some clay alteration in fractures.

Sample Number	Direction	From	To	Interval	Description
H806403	South	384.75	389.75	5	Manganese/limonite stained intrusive. Highly altered/fractured. Blocky. Dark manganese staining on fractures. Clay alteration in fractures.
H806404	South	389.75	393.45	3.7	Manganese/limonite stained intrusive. Highly altered/fractured. Blocky. Dark manganese staining on fractures. Clay alteration in fractures.
H806405	South	393.45	397.68	4.23	Highly altered, manganese (dark) stained intrusive. Blocky. Minor clay alteration. Less fractured then before. Gray quartz clasts present.
H806406	South	397.68	399.88	2.2	Intensly fractured/altered intrusive. Limonite/manganese stained. Clay alteration throughout. Localized areas of hemitite staining and montmorillonite alteration. Dark purple manganese staining.
H806407	South	399.88	401.98	2.1	Dark manganese stained, limonite stained intrusive. Blocky. Clay alteration in fractures.
H806408	South	401.98	403.38	1.4	Highly altered/fractured, manganese/limonite stained clay altered zone. Localized clay vein areas and montmorillonite alteration. Dark red/light brown colour.
H806409	South	403.38	408.38	5	Highly fractured/altered, limonite/manganese stained intrusive. Zones of black manganese staining. Clay alteration in fractures. Red rust colour in some areas.
H806410	South	408.38	413.38	5	Highly fractured/altered, limonite/manganese stained intrusive. Zones of black manganese staining. Clay alteration in fractures. Red rust colour in some areas.
H806411	South	413.38	418.38	5	limonite and black manganese stained intrusive. Clay alteration in fractures. Moderately fractured. Some hematite staining. Highly altered.
H806412	South	418.38	423.38	5	Dark manganese/limonite stained intrusive. Limonite alteration in fractures. Some hematite staining in some fractures. Blocky. Some rocks have bluish quartz Feldspar alteration in their centers.
H806413	South	423.38	428.38	5	Manganese/limonite stained intrusive.
H806151	North	1	2.06	1.06	1.06 chip across a strong clay vein zone at bottom of trench.
H806152	North	43.5	45.75	2.25	2.25 chip of limonite/manganese stained fault gouge.
H806153	North	45.75	49.96	4.21	4.21 chip of fairly competent, fresh granodiorite.
H806154	North	49.96	54.28	4.32	Highly fractured, limonite stained shear zone. Moderately altered fragments of granodiorite present.
H806155	North	54.28	65.55	11.27	11.27 of fresh granodiorite.
H806156	North	65.55	70.36	4.81	chip across weakly hornfels intrusive hosting local yellow-gray clay vein zones.
H806157	North	70.36	71.16	0.8	0.80 chip across yellow clay vein zones hosting quartz fragments. Structure is fairly weak.
H806158	North	71.16	76.36	5.2	Intrusive. Locally fractured, limonite and manganese stained fractures.
H806159	North	76.36	86.36	10	Fresh green-gray granodiorite.
H806160	North	86.36	96.18	9.82	Fresh green-gray granodiorite.
H806161	North	96.18	98.59	2.41	Silicified/hornfelsed granodiorite with local clay vein zones.

Sample Number	Direction	From	To	Interval	Description
H806162	North	98.59	102.85	4.26	Freshly, fairly broken granodiorite.
H806163	North	102.85	108.57	5.72	Needs cleaning to be chipped.
H806164	North	108.57	112.4	3.83	Fairly shattered, hornfelsed intrusive hosting localized clay vein zones.
H806165	North	112.4	122.4	10	Very fresh/competent gray-blue granodiorite.
H806166	North	122.4	127.86	5.46	Fresh granodiorite.
H806167	North	127.86	130.8	2.94	Strongly faulted granodiorite with local clay vein zones.
H806168	North	130.8	141.1	10.3	Fresh granodiorite.
H806169	North	141.1	148.06	6.96	Mainly fresh granodiorite hosting minor brown clay vein zones.
H806170	North	148.06	148.77	0.71	0.69m chip of yellow-orange clay vein material from a strong vein structure. Vein at 122/63.
H806171	North	148.77	149.77	1	1.00 chip of strongly fractured footwall sedimants.
H806172	North	149.77	155.11	5.34	Strongly brecciated footwall. Hematite and clay/limonite alteration. Feldspar porphyry dyke with numerous fractures hosting limonite and carbonate crusts.
H806173	North	155.11	162.85	7.74	Gray, strongly fractured quartz feldspar porphyry.
H806174	North	162.85	163.85	1	Yellow clay vein material in narrow shear zone. Local zones of strongly pitted quartz vein hosting very local malachite staining.
H806175	North	163.85	171.35	7.5	7.5 chip of green quartz feldspar porphyry.
H806176	North	171.35	178.85	7.5	7.5 chip of green quartz feldspar porphyry.
H806177	North	178.85	186.85	8	Chip of greeen quartz-feldspar porphyry.
H806178	North	186.85	189.79	2.94	Chip of green quartz feldspar porphyry with areas of increasing manganese and limonite alteration.
H806179	North	189.79	195	5.21	Red feldspar porphyry dyke. Grades from a sandy white southern contact with porphyry to heavily fractured.
H806180	North	195	198	3	3m chip across strongly pyritic, limonite altered quartz feldspar porphyry hosting narrow clay alteration and vein zones.
H806181	North	198	200.81	2.81	2.31 chip across altered quartz feldspar porphyry. strongly manganese/limonite stained. Most relic textures are gone.
H806182	North	200.81	202.54	1.73	1.73m (1.54) of gray-orange banded vein hosting dyke fragments. Vein obviosly pinches and swells as east wall is 2m and west wall is 1.2m wide.
H806183	North	202.54	205.26	2.72	2.72 chip of manganese/limonite stained quartz feldspar porphyry.
H806184	North	205.26	206.51	1.25	1.25(1.14) limonite stained gouge/sheared feldspar porphyry dyke? Local pockets of white clay vein material.
H806185	North	206.51	211.51	5	5.00m chip of sheared red feldspar porphyry dyke.
H806186	North	211.51	217.51	6	6.00m chip of sheared red feldspar porphyry dyke.
H806187	North	217.51	224.06	6.55	6.55m of sheared red dyke.
H806188	North	224.06	228.3	4.24	Very strongly clay altered with local gouge zones.

Sample Number	Direction	From	To	Interval	Description
H806189	North	228.3	229.97	1.67	Strongly limonite stained feldspar porphyry dyke in hanging wall of vein structure.
H806190	North	229.97	230.72	0.75	Gray-orange clay vein. Moderate vein structure.
H806191	North	230.72	233.86	3.14	3.14m chip of moderately fractured, red feldspar porphyry dyke. Local vein zones.
H806192	North	233.86	235.91	2.05	Extremely altered (to gouge) red feldspar porphyry dyke.
H806193	North	235.91	236.96	1.05	1.05m chip of limonite altered vein material on hanging wall of a major vein structure.
H806194	North	236.96	237.29	0.33	0.33m chip of gray clay vein hosting 7cm (TW) pyrite vein.
H806195	North	237.29	238.21	0.92	0.92m chip of green quartz feldspar porphyry dyke hosting pyrite and vein zones.
H806196	North	238.21	239.21	1	1.00m sample of footwall manganese/limonite stained quartz feldspar porphyry.
H806197	North			0	Blank Sample
H806198	North	239.21	244.21	5	Green quartz feldspar porphyry. Local disseminated pyrite with abundant pyrite coating fractures.
H806199	North	244.21	249.21	5	Green quartz feldspar porphyry. Local disseminated pyrite with abundant pyrite coating fractures.
H806200	North	249.21	254.21	5	Manganese/limonite stained (hornblend, biotite) granodiorite.
KL/TR/10/04					
G0557701	South	59	64	5	Large angular granodiorite blocks (hornblende, biotite, quartz) grading into a moderately fractured manganese/limonite stained Granodiorite. Some clay alteration in fractures. montmorillonite alteration for last 20 cm.
G0557702	South	64	66.2	2.2	manganese/limonite stained, highly altered/fractured intrusive. Some clay alteration. Montmorillonite alteration present. Large gray Quartz clasts. Seresite alteration near 7m mark.
G0557703	South	66.2	67.47	1.27	Limonite/dark manganese stained intrusive. Highly altered/moderately fractured. Blocky, hosting scattered calcite veins 1-2cm thick. Limonite alteration in fractures. Seresite alteration throughout. Footwall.
G0557704	South	67.47	68.33	0.86	Vein zone hosting quartz feldspar dyke material. Extremely fractured/altered. Dark orange colour. Hosted betweem two black manganese stained bands 10cm thick. True width = 47cm.
G0557705	South	68.33	69.33	1	Dark manganese/limonite stained intrusive. Highly altered/fractured. Weak seresite alteration. Hanging wall.
G0557706	South	69.33	72.23	2.9	Angular blocky (hornblende, biotite, quartz) granodiorite. Manganese/limonite stained fractures.
G0557707	South	72.23	73.63	1.4	Limonite/dark manganese stained intrusive. Highly altered/fractured. Montmorillonite/clay/seresite alteration. Footwall.
G0557708	South	73.63	75.25	1.62	Clay vein zone hosting large (40cm) quartz feldspar dyke band at 74m. Dark orange/light orange bands. True width = 1.6m. 145/46.

Sample Number	Direction	From	To	Interval	Description
G0557709	South	75.25	76.25	1	Dark black manganese stained intrusive. Highly altered. Blocky. Seresite alteration present. Hanging wall.
G0557710	South	76.25	81.25	5	Highly altered, manganese/limonite stained intrusive. Dark manganese staining. Blocky. Some montmorillonite alteration. Clay alteration throughout. Calcite veins > 1cm wide.
G0557711	South	81.25	86.25	5	Dark manganese/limonite stained intrusive hosting scattered calcite veins about 1cm thick. Clay/montmorillonite alteration. Large gray quartz clasts in much of the zones.
G0557712	South	86.25	91.25	5	Dark manganese/limonite stained intrusive hosting scattered calcite veins about 1cm thick. Clay/montmorillonite alteration. Large gray quartz clasts in much of the zones. Large angular granodiorite abundant.
G0557713	South	91.25	96.25	5	Dark manganese/limonite stained intrusive hosting scattered calcite veins about 1cm thick. Clay/montmorillonite alteration. Large gray quartz clasts in much of the zones. Large angular granodiorite abundant.
G0557714	South	96.25	101.25	5	Dark manganese/limonite stained intrusive hosting scattered calcite veins about 1cm thick. Clay/montmorillonite alteration. Large gray quartz clasts in much of the zones. Large angular granodiorite abundant.
G0557715	South	101.25	102.6	1.35	Dark manganese/limonite stained, blocky, highly altered intrusive. Quartz feldspar porphyry centers. Seresite alteration. Extremely dark manganese sections host very low abundance of blackjack sphalerite. Whole zone hosts disseminated pyrite. Montmorillonite alteration. Footwall.
G0557716	South	102.6	103.95	1.35	Dark manganese/limonite stained, blocky, highly altered intrusive. Quartz feldspar porphyry centers. Seresite alteration. Extremely dark manganese sections host very low abundance of blackjack sphalerite. Whole zone hosts disseminated pyrite. Montmorillonite alteration. Footwall.
G0557717	South	103.95	105.5	1.55	Extremely fractured/altered clay vein zone. Nuclear yellow/green colour hosting stockwork orange bands. Abundant quartz fragments and quartz feldspar dyke material. Area hosts pyrite blebs scattered throughout zone.
G0557718	South	105.5	107	1.5	Extremely fractured/altered clay gouge zone. Nuclear yellow/green colour. Abundant quartz fragments and quartz feldspar dyke material. Increased pyrite throughout zone. True width = 4.5m. 126/sub-vertical.
G0557719	South	107	108.7	1.7	Center of zone. Hosts a gray gouge band 10cm thick and a pyrite vein 7cm thick. Lots of pyrite outside vein.
G0557720	South	108.7	109.8	1.1	Orange vein material with massive ammounts of hemitite staining (hemitite lenses). Red rust colour to dark yellow. Quartz feldspar dyke still present. Quickly grades into granodiorite. Manganese staining just before granodiorite. Hanging wall.

Sample Number	Direction	From	To	Interval	Description
G0557721	South	109.8	120.8	11	(biotite, quartz, hornblende) granodiorite. Large angular blocks.
G0557722	South	120.8	123.8	3	Extremely altered/fractured intrusive. Limonite stained. Clay alteration. Small ammounts of seresite/montmorillonite alteration.
G0557723	South	123.8	124.8	1	Extremely altered/fractured intrusive. Limonite stained. Clay alteration. Small ammounts of seresite/montmorillonite alteration. Footwall
G0557724	South	124.8	127.95	3.15	Tourmaline vein. Black. Hosts gray qyartz veinlets and large disseminated pyrite crystals with a red alteration. Clay alteration in fractures. Some limonite staining. 2x 1m veins. 145/51.
G0557725	South	127.95	129.95	2	Highly altered/fractured intrusive. Clay alteration. Small clay vein area at 129m. Montmorillonite/seresite alteration. Dark black manganese staining.
G0557726	South	129.95	130.95	1	Clay alteration. Less abundant montmorillonite alteration. Highly fractured/altered. Hanging wall.
G0557727	South	130.95	135.95	5	Angular large blocky granodiorite (biotite, hornblende, quartz). Manganese/limonite stained (little).
G0557728	South	135.95	140.95	5	Angular large blocky granodiorite (biotite, hornblende, quartz). Manganese/limonite stained (little). Localized area at 138m of intensely fractured/altered intrusive. Red rust colour. Manganese stained. Hemitite stained.
G0557801	North	350.95	345.95	-5	Blocky, brittle (hornblende, biotite) syenite. Altered/moderately fractured. Manganese/limonite stained.
G0557802	North	345.95	340.95	-5	Manganese/limonite stained syenite grading into granodiorite. Altered/moderately fractured.
G0557803	North	340.95	338.45	-2.5	Moderately fractured blocky, angular granodiorite. Manganese/limonite stained.
G0557804	North	338.45	337.45	-1	Highly altered/fractured, manganese/limonite stained granodiorite grading into intrusive green-gray quartz feldspar dyke material. Hanging wall. Calcite vein runs along boundary of 804/805
G0557805	North	337.45	336.35	-1.1	Green-gray quartz dyke with sulphide pits. Milky quartz fragments. Limonite stained/altered in fractures. Blocky highly altered calcite vein material present.
G0557806	North	336.35	335.25	-1.1	Highly fractured dyke material. White altered feldspar clasts. Sulphide pitted. Limonite stained. Clay vein material in fractures.
G0557807	North	335.25	333.7	-1.55	Clay vein zone. Lots of dyke fragments present. Dark orange colour. Two 10cm white clay bands. Milky quartz fragments. Sulphide pitted fragments. 146/78. True width = 1.5m.
G0557808	North	333.7	332.7	-1	Highly altered/fractured, manganese/limonite stained intrusive. Footwall.
G0557809	North	332.7	327.7	-5	Feldspar porphyry dyke. Highly altered. Purple colour. Shear zone. Some limonite/manganese staining.

Sample Number	Direction	From	To	Interval	Description
G0557810	North	327.7	322.7	-5	Feldspar porphyry dyke. Blue/white feldspar phenocrysts. Manganese/limonite stained.
G0557811	North	322.7	321.7	-1	Feldspar porphyry dyke grading into highly altered/fractured vein material. Manganese/limonite stained. Hanging wall.
G0557812	North	321.7	321	-0.7	Low grade (dry) clay vein zone hosting 10cm arsenopyrite vein. Dark manganese/limonite staining. Scorodite in 10cm vein. Some calcite veinlets in zone as well. 139/90.
G0557813	North	321	320	-1	Highly fractured/altered feldspar porphyry dyke. Manganese/limonmite stained. Footwall.
G0557814	North	320	317	-3	Manganese/limonite stained feldspar porphyry dyke. Moderately fractured/altered.
G0557815	North	317	316	-1	Manganese/limonite stained feldspar porphyry dyke. Moderately fractured/altered. Grading to vein zone. Hanging wall.
G0557816	North	316	314.5	-1.5	Clay vein zone. Light/dark orange colour. Hosting a thin broken galena band at 0.5m. Dark manganes/limonite stained quartz porphyry/dyke material at end of zone. Sulphide pits. 140/80.
G0557817	North	314.5	313	-1.5	Highly altered/fractured volcanic alternating between intense manganese and limonite stained bands 20cm wide. Very isolated montmorillonite alteration.
G0557818	North	313	311.5	-1.5	Intensely altered, highly fractured intrusive. Darkly manganese/limonite stained. Thin quartz feldspar porphyry dyke at 50cm hosting disseminated pyrite.
G0557819	North	311.5	310	-1.5	Highly altered manganese/limonite stained intrusive. Quartz feldspar dyke at 1.25m 30cm thick hosting large pyrite stringers and disseminated pyrite. Very stained.
G0557820	North	310	306.7	-3.3	Highly fractured/altered, manganese/limonite stained intrusive. Localized montmorillonite alteration. Clay alteration in fractures.
G0557821	North	306.7	304.1	-2.6	Highly altered, manganese/limonite stained. Highly fractured. Montmorillonite altered. Clay alteration. Intrusive zones. Extremely manganese (dark) stained quartz feldspar porphyry dyke material hosting disseminated pyrite. Intensely montmorillonite altered bands. Approximately half of sample.
G0557822	North	304.1	302.6	-1.5	Angular blocky granodiorite (quartz, biotite, hornblende) grading into more highly fractured intrusive and finally a zone with montmorillonite alteration in fractures.
G0557823	North	302.6	301.8	-0.8	Manganese/limonite stained intrusive. Clay alteration in fractures. Moderately fractured. Intensely altered. Montmorillonite alteration. Hanging wall.
G0557824	North	301.8	300.67	-1.13	quartz feldspar dyke (60cm) limonite stained sulphide pitted. Clay vein material in fractures grading into clay gouge hosting white lenses and 4cm massive, intensely limonite stained, galena band. Gray dirt/clay alteration along FW side of galena vein 4cm thick. opposite rib has galena vein grade down into much less massive with scorodite and disseminated pyrite. 102/72.

Sample Number	Direction	From	To	Interval	Description
G0557825	North	300.67	300.17	-0.5	Blocky. Altered limonite/manganese stained feldspar porphyry dyke. Footwall.
G0557826	North	300.17	297.67	-2.5	Highly altered, moderately fractured, blocky feldspar porphyry dyke. Limonite/manganese stained fractures.
G0557827	North	297.67	297.17	-0.5	Dark manganese/limonite stained highly altered/fractured intrusive. Light brown colour. Hanging wall.
G0557828	North	297.17	295.8	-1.37	Extremely altered/fractured, dark manganese/limonite stained intrusive grading to limonite stained quartz feldspar dyke hosting dissemenated pyrite. Clay vein material in fractures.
G0557829	North	295.8	294.3	-1.5	Dark manganese stained intrusive. Highly altered, blocky, moderately fractured. Some limonite staining hosting disseminated pyrite.
G0557830	North	294.3	292.8	-1.5	clay vein (dry) dark purple white gray colour. Montmorillonite alteration. highly altered/fractured.
G0557831	North	292.8	291.3	-1.5	Highly altered/fractured, dark manganese/limonite stained. Clay gouge in fractures. Quartz feldspar dyke material in small dark manganese bands. Footwall.
G0557832	North	291.3	289.48	-1.82	Limonite/manganese stained clay vein zone. Quartz feldspar dyke material. Large white sticky clay areas. Disseminated pyrite and large pyrite blebs throughout vein area. Sulphide pitted dyke material. Milky quartz veinlets run in zone <1cm thick. Nuclear yellow colours. 149/56 (beware dip, structures apparently solofluxing).
G0557833	North	289.48	288.48	-1	Blocky, large angular granodiorite. Dark manganese/limonite stained fractures. Highly alt. Haing wall.
G0557834	North	288.48	287.48	-1	Highly fractured. Dry clay alteration. montmorillonite alteration. Dark black manganese staining. Some limonite staining in clay altered zones. Purplish colour.
G0557835	North	287.48	282.88	-4.6	Black manganese stained/limonite stained intrusive. Highly altered/moderately fractured. Clay alteration in fractures.
G0557836	North	282.88	282.38	-0.5	Limonite/manganese stained highly altered/fractured intrusive. Black manganese stained bands grading into clay vein. Haning wall.
G0557837	North	282.38	281.58	-0.8	Clay vein zone. Orange outside white interior. Dyke fragments in zone. Very rich looking. Highly altered/fractured. 135/80.
G0557838	North	281.58	281.08	-0.5	Blocky/angular, manganese/limonite stained intrusive. Highly altered/moderately fractured. Foot wall.
G0557839	North	281.08	276.28	-4.8	Manganese stained granodiorite. Fairly blocky with local rubbly zones.
G0557840	North	276.28	274.2	-2.08	Manganese stained granodiorite. Fairly blocky with local rubbly zones.
G0557841	North	274.2	273.7	-0.5	Manganese stained granodiorite. Fairly blocky with local rubbly zones. Includes a 0.06 m wide carbonate vein hosted by disseminated sphalerite and galena. Quartz minor as blebs and fragments.

Sample Number	Direction	From	To	Interval	Description
G0557842	North	273.7	268.45	-5.25	Strongly montmorillonite altered intrusive hosting a number of narrow competent bands hosting very minor sphalerite. To altered to tell if the mineralization is secondary along a fracture or competent bands are veins.
G0557843	North	268.45	267.17	-1.28	Orange clay vein hosting broken dyke and crushed quartz.
G0557844	North	267.17	265.41	-1.76	Manganese/limonite stained quartz feldspar porphyry.
G0557845	North	265.41	264.22	-1.19	Manganese/limonite stained quartz feldspar porphyry.
G0557846	North	264.22	263.72	-0.5	Manganese/limonite stained quartz feldspar porphyry. Foot wall.
G0557847	North	263.72	258.5	-5.22	Blocky, locally limoniote/manganese stained quartz feldspar porphyry. Fractures at 104/80 and 202/75.
G0557848	North	258.5	257.47	-1.03	Includes two narrow 20 and 13 cm wide dyke/vein intrusions. Well fractured. 085/vertical.
G0557849	North	257.47	249.84	-7.63	Strongly limonite altered material. Quartz feldspar porphyry.
G0557850	North	249.84	248.32	-1.52	1.52 m chip of quartz feldspar porphyry imediately adjacent to vein.
G0557851	North	248.32	247.65	-0.67	Brown and green clay vein zone.
G0557852	North	247.65	246.68	-0.97	Fractured dyke.
G0557853	North	246.68	246.2	-0.48	Orange vein on foot wall side.
G0557854	North	246.2	244.79	-1.41	Highly broken, manganese stained granodiorite
G0557855	North	244.79	244.06	-0.73	Orange-grey clay vein material on hanging wall side of vein.
G0557856	North	244.06	243.67	-0.39	
G0557857	North	243.67	243.28	-0.39	
G0557858	North	BLANK			
G0557859	North	243.28	238.02	-5.26	Very broken, rubbly granodiorite.
G0557860	North	238.02	237.52	-0.5	Hanging wall. Shattered, broken granodiorite.
G0557861	North	237.52	237.04	-0.48	Orange-white clay vein. 114/73.
G0557862	North	237.04	236.54	-0.5	Foot wall. Shattered, broken granodiorite.
G0557863	North	236.54	233.6	-2.94	Very competent, unaltered granodiorite.
G0557864	North	233.6	233.1	-0.5	Hanging wall. Moderately altered, increase in fractures.
G0557865	North	233.1	232.27	-0.83	Clay vein zone.
G0557866	North	232.27	231.77	-0.5	Foot wall. Moderately altered, increase in fractures.
G0557867	North	Standard Gold			
G0557868	North	231.77	222.87	-8.9	Very broken and competent granodiorite.
G0557869	North	222.87	219.7	-3.17	Clay altered/vein material. Hanging wall. Granodiorite. Limonite stained. Sampled east rib as the west has slumped.
G0557870	North	219.7	219	-0.7	Clay vein zone.
G0557871	North	219	214	-5	Manganese/limonite altered granodiorite.
G0557872	North	214	209.39	-4.61	Manganese/limonite altered granodiorite.

Sample Number	Direction	From	To	Interval	Description
G0557873	North	209.39	208.89	-0.5	Hanging wall. Sampled because more altered and minor clay vein material.
G0557874	North	208.89	207.76	-1.13	Green broken dyke with orange clay vein material. 111/76.
G0557875	North	207.76	199.76	-8	Locally montmorillonite altered granodiorite. Limonite stained, local manganese staining.
G0557876	North	199.76	189.76	-10	Blocky granodiorite with minor montmorillonite alteration.
G0557877	North	189.76	184.84	-4.92	Blocky granodiorite with minor montmorillonite alteration.
G0557878	North	184.84	182.03	-2.81	Strongly montmorillonite altered granodiorite.
KL/TR/10/05					
G0557729	South	Blank			
G0557730	South	0	1	1	Fresh granodiorite. Unaltered.
G0557731	South	1	2.5	1.5	1.38 m is true width.
G0557732	South	2.5	4	1.5	
G0557733	South	4	4.8	0.8	
G0557734	South	4.8	5.9	1.1	
G0557735	South	Standard			
G0557736	South	5.9	11.6	5.7	Locally montmorillonite altered. Fresh granodiorite.
G0557737	South	11.6	12.67	1.07	Felsic dyke hosting local clay vein zones. 120/71.
G0557738	South	12.67	14.77	2.1	Granodiorite.
G0557739	South	14.77	15.82	1.05	0.96 m is true width. Clay vein zone. Dyke structure hosting localized pyrite.
G0557740	South	15.82	19.67	3.85	Fresh granodiorite.
G0557741	South	19.67	20.67	1	6cm wide orange clay vein zone with pyritic wall rock.
G0557742	South	20.67	24.97	4.3	Fresh granodiorite.
G0557743	South	24.97	25.75	0.78	Clay vein zone hosting quartz veinlets.
G0557744	South	25.75	26.47	0.72	Strongly limonite/manganese/goethite altered. Hanging wall.
G0557745	South	26.47	32.01	5.54	Granodiorite.
G0557746	South	32.01	32.5	0.49	True width is 0.46 m. Pyrite bearing (8%) yellow clay vein zone hosting crushed quartz.
G0557747	South	32.5			
KL/TR/10/06					
G0557753	North	0	3	3	Limonite stained/altered. Large blocky granodiorite hosting disseminated pyrite. Localized montmorillonite alteration.
G0557754	North	3	6	3	Blocky granodiorite. Chlorite stained. Limonite stained. Montmorillonite altered. Hosts disseminated pyrite.
G0557755	North	6	8	2	Extremely altered/fractured, manganese/limonite stained intrusive. Localized hematite staining. Hosts disseminated pyrite. 4cm pyrite vein in the center of the zone.

Sample Number	Direction	From	To	Interval	Description
G0557756	North	8	9.35	1.35	Gray/blackish intrusive hosting pervasive pyrite and 8cm arsenopyrite/sphalerite vein in center of zone. Loclaized manganese/goethite staining. Limonite altered in fractures.
G0557757	North	9.35	12.65	3.3	Manganese/limonite stained granodiorite. Localized montmorillonite altered veins. Limonite alteration in fractures.
G0557758	North	12.65	14.48	1.83	Goethite/manganese stained. Dark black with loclaized limonite stained intrusive. Clay vein material in fractures.
G0557759	North	14.48	15.18	0.7	Clay vein zone (dry). Limonite stained. Quartz feldspar dyke fragments. Gray quartz clasts. Hosts a galena stringer <1cm.
G0557760	North	15.18	19.48	4.3	Manganese/limonite stained feldspar porphyry dyke. Limonite altered stringers. Galena stringers at beginning of zone. Goethite stained. Limonite altered intrusive at end of zone.
G0557761	North	19.48	21.24	1.76	Clay vein zone. Deep orange colour with white lenses. Dyke fragments in material.
G0557762	North	21.24	23.74	2.5	Intensely limonite altered. Goethite/manganese stained. Intrusive hosts localized clay vein material and clay vein in fractures.Dyke fragments in this material.
G0557763	North	Standard			
G0557764	North	23.74	28.74	5	Manganese/limonite stained (biotite, hornblende, quartz) granodiorite. Very competent. Hosts disseminated pyrite and pervasive pyrite in veins. Localized clay altered zones.
G0557765	North	28.74	29.24	0.5	Limonite/manganese stained intrusive hosting a pyrite vein 3cm wide. Disseminated pyrite throughout zone. Loclaized montmorillonite alteration. Goethite stained.
G0557766	North	29.24	30.24	1	Manganese/limonite stained intrusive hosting disseminated pyrite. Localized montmorillonite alteration. Clay alteration in fractures.
G0557767	North	30.24	31.62	1.38	Clay vein zone. White-orange colour hosting quartz feldspar dyke material.
G0557768	North	31.62	34.9	3.28	Manganese/limonite stained, highly altered/fractured intrusive hosting disseminated pyrite.
G0557769	North	34.9	36.2	1.3	Manganese/limonite stained, highly altered/fractured, sulphide pitted intrusive. Loclaized hematite staining. Clay vein material in fractures.
G0557770	North	36.2	37.3	1.1	Manganese/limonite stained intrusive grading into clay vein material. Loclaized hematite staining. Grey rock alteration near vein material. Hanging wall.
G0557771	North	37.3	37.9	0.6	Clay vein zone. Bright purple. White lenses. Hematite staining.
G0557772	North	37.9	38.6	0.7	Clay vein zone hosting massive 4cm galena vein. Quartz feldspar dyke present. Hematite.
G0557773	North	38.6	39.6	1	Clay vein zone grades to intrusive. Foot wall.
G0557774	North	Blank			

Sample Number	Direction	From	To	Interval	Description
G0557775	North	39.6	41.9	2.3	Manganese/limonite stained/altered intrusive. Moderately fractured. Centers are fresh (biotite, quartz, hornblende) granodiorite.
G0557776	North	41.9	42.4	0.5	Manganese/limonite stained quartz feldspar porphyry. Sulphide pitted. Clay alteration in fractures.
G0557777	North	42.4	47.4	5	Manganese/limonite stained/altered intrusive. Moderately fractured. Centers are fresh (biotite, quartz, hornblende) granodiorite.
G0557778	North	47.4	50.7	3.3	Intensely manganese/limonite stained intrusive. Highly altered/moderately fractured. Localized montmorillonite alteration. Some hematite staining. Competent.
G0557779	North	50.7	52	1.3	Clay vein zone (dry/weak) with quartz feldspar porphyry fragments. Hematite band at beginning of zone. Clay vein material strong around band. Manganese/limonite stained.
G0557780	North	52	53.45	1.45	Quartz feldspar porphyry dyke. Sulphide pitted. White feldspar alteration. Fine grained. Clay vein material in fractures. Strong orange-black clay vein 6cm wide at end of zone.
G0557781	North	53.45	56.28	2.83	Manganese/limonite stained. Some goethite staining. Altered/moderately fractured. Localized hematite staining.
G0557782	North	56.28	57.38	1.1	Quartz feldspar porphyr with clay vein bands on both sides. Clay vein in fractures. Sulphide pitted. Limonite stained. Gray quartz clasts in clay vein material.
G0557783	North	57.38	63.18	5.8	Minor limonite.manganese stained, fresh (biotite, hornblende, quartz) granodiorite. Large blocky chunks. Very competent.
G0557784	North	63.18	68.18	5	Manganese/limonite stained. Highly altered granodiorite. Clay altered areas. Some gray bands in these areas. Moderately fractured.
G0557785	North	68.18	74.58	6.4	Very competent (quartz, hornblende, biotite) granodiorite. Almost no fractures.
G0557786	North	74.58	77.58	3	Quartz feldspar dyke. Sulphide pitted. Clay vein material in fractures and on both sides of the dyke. Localized hematite staining. Gray quartz clasts. Moderately fractured. Manganese/limonite staining.
G0557787	North	77.58	78.48	0.9	Quartz feldspar dyke. Sulphide pitted. Clay vein material in fractures and on both sides of the dyke. Localized hematite staining. Gray quartz clasts.
G0557788	North	78.48	81.48	3	Quartz feldspar dyke. Sulphide pitted. Clay vein material in fractures and on both sides of the dyke. Localized hematite staining. Gray quartz clasts.
KL/TR/10/08					
G0558051		50	52.5	2.5	Highly altered/fractured intrusive hosting broken quartz feldspar dyke material. Feldspars are altered white. Manganese/limonite stained. Clay vein material in fractures.

Sample Number	Direction	From	To	Interval	Description
G0558052		52.5	55.5	3	Highly altered/fractured, manganese/limonite stained intrusive. Large quartz (gray) clasts. Clay alteration in fractures. Sandy texture. Quartz feldspar dyke in rock.
G0558053		55.5	57.7	2.2	Highly altered/fractured, manganese/limonite stained quartz feldspar dyke with white feldspar alteration. Dyke hosts milky quartz veinlets with sulphide pitting. Clay vein material in fractures and bands throughout zones.
G0558054		57.7	60.2	2.5	Highly altered/fractured manganese/limonite stained intrusive hosting quartz feldspar dyke material. Sulphide pitted. Large gray quartz clasts. Some narrow quartz veins.
G0558055		60.2	62.7	2.5	Highly altered/fractured manganese/limonite stained intrusive hosting quartz feldspar dyke material. Sulphide pitted. Large gray quartz clasts. Some narrow quartz veins.
G0558056		62.7	65.2	2.5	Highly altered/fractured, manganese/limonite stained intrusive hosting quartz feldspar dyke. Quartz feldspar porphery also present. Disseminated pyrite (30%). Quartz veins present 71cm into the zone.
G0558057		65.2	67.2	2	Highly altered/fractured, blocky quartz feldspar dyke. Sulphide pitted. Clay vein material in fractures grading into clay vein zones with fractured dyke throughout. Limonite stained. Sulphides present in dyke.
G0558058		118	125	7	Altered limonite stained, moderately fractured granodiorite.
G0558059		141	144	3	Highly altered, manganese/limonite stained intrusive. Limonite Pitting. Hosts small amounts of quartz feldspar dyke fragments.
G0558060		144	146.5	2.5	Highly altered/fractured, manganese/limonite stained intrusive hosting quartz feldspar dyke bands and large gray quartz clasts. 5cm milky quartz veins at end of zone. Clay altered material in fractures.
G0558061		146.5	148.35	1.85	Highly altered/fractured, manganese/limonite stained intrusive hosting quartz feldspar porphyry with white altered feldspar clasts. grades into quartz feldspar porphyry dyke hosting milk quartz veinlets.
G0558062		148.35	151.15	2.8	Dry clay vein zone. Limonite stained. Quartz feldspar dyke fragments. 110/80 degrees.
G0558063		193	194	1	Highly altered/fractured intrusive. Lots of clay material in fractures. Limonite stained. Hanging wall.
G0558064		194	196.1	2.1	Clay vein zone hosting white clay lenses. Quartz feldspar dyke fragments. Hard to map/sample (frozen). 140/71. True width 2m with low grade (dry gouge for 60 cm in middle).
G0558065		196.1	197.1	1	Highyl altered/fractured, limonite/manganese stained intrusive. Sandy texture. Clat alteration in fractures. Footwall.

Sample Number	Direction	From	To	Interval	Description
G0558066		197.1	198.15	1.05	Highly altered/fractured, limonite/manganese stained intrusive. Sandy texture. Clat alteration in fractures. Footwall. Grades into more competent manganese/limonite stained/altered granodiorite.
G0558067		198.15	202.25	4.1	Manganese/limonite stained granodiorite. Larger rocks have blue, unaltered centers with disseminated pyrite. Clay alteration In fractures. Moderately fractured. Dark manganese/limonite stained zones.
G0558068		202.25	205.25	3	Highly altered/fractured intrusive. Manganese/limonite stained. Montmorillonite altered. Clay alteration in localized regions and fractures.
G0558069		205.25	206.9	1.65	Manganese/limonite stained granodiorite grading into highly altered/fractured intrusive hosting quartz feldspar dyke material in the center of rocks. Montmorillonite altered. Dyke material is limonite/sulphide pitted and some areas host disseminated pyrite. Clay alteration in fractures.
G0558070		206.9	208.8	1.9	Altered, blocky, manganese/limonite stained intrusive. Localized chlorite alteration. Highly fractured.
G0558071		208.8	211.3	2.5	Manganese/limonite stained granodiorite grading into highly altered/fractured intrusive hosting quartz feldspar dyke material in the center of rocks. Montmorillonite altered. Dyke material is limonite/sulphide pitted and some areas host disseminated pyrite. Clay alteration In fractures.
G0558072		238	242.5	4.5	Highly altered/fractured intrusive. Gray quartz clasts. Manganese/limonite stained. Hosts localized areas of quartz feldspar dyke material. Clay alteration in fractures. Sandy type textures.
G0558073		242.5	244.35	1.85	Quartz feldspar dyke material. Blocky, angular, manganese/limonite stained. lots of sandy type clay/quartz in fractures.
G0558074		244.35	245.95	1.6	Highly altered/fractured intrusive. Manganese/limonite stained. Montmorillonite altered. Clay alteration In fractures. Gray quartz clasts.
G0558075		245.95	246.95	1	Quartz feldspar dyke material. Blocky, angular, manganese/limonite stained. lots of sandy type clay/quartz in fractures.
G0558076		246.95	249.28	2.33	Highly altered/fractured intrusive. Manganese/limonite stained. Sandy texture grades to clay vein (dry) bands. Light brown colour. Hosts dyke fragments.
G0558077		249.28	251.48	2.2	Quartz feldspar dyke material hosted in a clay altered/dry vein material. Manganese/limonite stained intrusive present. Localized clay vein material in areas. Montmorillonite altered.
G0558078		251.48	256.48	5	Manganese/limonite stained intrusive. Highly altered/fractured. Light and dark limonite stained areas grading into quartz feldspar dyke. Quarter fist size blocky angular pieces. Fragmented quartz in fractures. Sulphide pitted. Porous.

Sample Number	Direction	From	To	Interval	Description
G0558079		256.48	261.48	5	Quartz feldspar dyke material, blocky/fist size angular clasts hosting limonite pits and large gray quartz clasts. Manganese/limonite stained.
G0558080		261.48	266.48	5	Quartz feldspar dyke material, blocky/fist size angular clasts hosting limonite pits and large gray quartz clasts. Manganese/limonite stained.
G0558081		266.48	271.48	5	Quartz feldspar dyke material, blocky/fist size angular clasts hosting limonite pits and large gray quartz clasts. Manganese/limonite stained.
G0558082		271.48	276.48	5	Quartz feldspar dyke material, blocky/fist size angular clasts hosting limonite pits and large gray quartz clasts. Manganese/limonite stained.
G0558083		276.48	281.08	4.6	Quartz feldspar dyke material, blocky/fist size angular clasts hosting limonite pits and large gray quartz clasts. Manganese/limonite stained.
G0558084		281.08	286.08	5	Limonite stained, super altered/fractured intrusive. Sandy texture. Localized areas of manganese staining.
G0558085		286.08	287.48	1.4	Clay vein. True width 0.50m at the end of the zone. 142/sub-vertical. Vein hosts white clay lenses and stock work manganese stained bands at edge of zone. Intrusive rocks with montmorillonite alteration in zone.
G0558086		287.48	290.18	2.7	Manganese/limonite stained intrusive. Highly altered/fractured. Sulphide pitted. Montmorillonite alteration. Manganese stained bands in some areas.
G0558087		290.18	291.18	1	Hanging wall. Some weak vein material. Manganese/limonite stained intrusive. Highly altered/fractured. Sulphide pitted. Montmorillonite altered. Manganese stained bands in some areas.
G0558088		291.18	293.14	1.96	Clay vein hosting quartz feldspar porphyry dyke 093/sub-vertical. True width 1.54m. White lenses in vein.
G0558089		293.14	295.34	2.2	Extremely altered intrusive hosting some clay alteration grading into weak vein material in places. Manganese/limonite stained, highly fractured. Montmorillonite altered.
G0558090		295.34	297.14	1.8	Quartz feldspar dyke with clay vein material in fractures. Sulphide pitted. Porous. Cannot get orientation, east wall very badly sluffed.
G0558091		297.14	298.14	1	Manganese/limonite stained, highly altered/fractured intrusive. Clay alteration in fractures. Foot wall.
G0558092		298.14	303.14	5	Fairly blocky manganese/limonite stained intrusive. Localized areas of green tinge in altered centers of rock. Localized montmorillonite alteration.
G0558093		303.14	308.14	5	Fairly blocky manganese/limonite stained intrusive. Localized areas of green tinge in altered centers of rock. Localized montmorillonite alteration.
G0558094		308.14	312.34	4.2	Highly altered, limonite stained intrusive with dark black manganese stained areas. Gray quartz clasts. Some quartz feldspar sulphide pitted dyke material at center of some rocks.

Sample Number	Direction	From	To	Interval	Description
G0558095		312.34	315.84	3.5	Highly altered, manganes/limonite stained, blocky intrusive. Localized areas of montmorillonite alteration. Red oxide staining. Clay alteration in fractures. Fresh green granodiorite at center of large rocks.
G0558096		315.84	319.34	3.5	Highly altered, manganes/limonite stained, blocky intrusive. Localized areas of montmorillonite alteration. Red oxide staining. Clay alteration in fractures. Fresh green granodiorite at center of large rocks.
G0558097		319.34	322.84	3.5	Extremely altered/fractured intrusive. Manganese/limonite stained, montmorillonite altered. Clay alteration in fractures. Localized dry clay vein pockets.
G0558098		322.84	325.34	2.5	Dry clay vein band from 3cm to 7cm wide hosted in an intrusive similar to G0558097.
G0558099		325.34	328.59	3.25	Extremely altered/fractured intrusive. Manganese/limonite stained. Montmorillonite altered. Clay alteration in fractures. Localized dry clay vein pockets.
G0558100		328.59	330.29	1.7	Manganese/limonite stained/altered, moderately fractured granodiorite.
G0558101		330.29	334.49	4.2	Extremely altered/fractured, manganese/limonite stained intrusive. Sandy texture. Black manganese stained pockets other wise very light manganese staining. Some montmorillonite alteration.
G0558102		334.49	339.49	5	Manganese/limonite stained/altered, moderately fractured granodiorite. Sandy texture in fractures. Localized montmorillonite alteration (weak).
G0558103		339.49	344.49	5	Extremely altered/fractured, manganese/limonite stained intrusive. Sandy texture. Black manganese stained pockets other wise very light mang staining. Some montmorillonite alteration.
G0558104		344.49	349.49	5	Extremely altered/fractured, manganese/limonite stained intrusive. Sandy texture. Black manganese stained pockets other wise very light mang staining. Some montmorillonite alteration.
G0558105		322.84	323.6	0.76	Extremely altered/fractured, manganese/limonite stained dry vein material hosting quartz feldspar dyke material and fractured gray quartz clasts. Light-med brown clay material.
G0558106		323.6	327.6	4	Highly altered/fractured intrusive. Manganese/limonite stained. Sandy texture in fractures. Some localized zones of dry vein material. Very limonite stained stringers on wall. Chlorite alteration (weak) in some spots. Montmorillonite altered.
G0558107		327.6	328.2	0.6	Clay vein material (dry), bright orange/white hosting fragmented quartz feldspar dyke material. Gray quartz clasts present. Limonite pitted. 140/51.
G0558108		328.2	330.8	2.6	fractures at 120/76 and 025/53. Competent, highly altered/fractured granodiorite. Dark manganese staining. Clay alteration In fractures. Greenish tinge to granodiorite centers.

Sample Number	Direction	From	To	Interval	Description
G0558109		330.8	334.4	3.6	Manganese/limonite stained intrusive. Highly altered/fractured hosting narrow dyke zones and clay altered fractures. Narrow carbonate veinlets and limonite altered stringers at 127/80, 012/62 and 085/59.
G0558110		334.4	337	2.6	Manganese/limonite stained intrusive. Highly altered/fractured hosting narrow dyke zones and clay altered fractures. Narrow carbonate veinlets and limonite altered stringers.
G0558111		337	337.85	0.85	Limonite stringers orientated at 254/78, 117/73 and 079/58. Highly altered/fractured intrusive. Chlorite alteration present. Quartz fragments and limonite stringers throughout.
G0558112		337.85	342.85	5	Mang/limonite stained, highly altered/fractured intrusive. Narrow quartz feldspar dykes. Clay alteration in fractures. Chlorite staining. Dark manganese stained pockets.
G0558113		342.85	347.85	5	Mang/limonite stained, highly altered/fractured intrusive. Narrow quartz feldspar dykes. Clay alteration in fractures. Chlorite staining. Dark manganese stained pockets.
G0558114		347.85	350.77	2.92	Mang/limonite stained, highly altered/fractured intrusive. Narrow quartz feldspar dykes. Clay alteration in fractures. Chlorite staining. Dark manganese stained pockets.
G0558115		350.77	351.52	0.75	Clay vein zone (dry) hosting 5cm quartz vein with sulphide pits. Gray quartz clasts in vein (small).
G0558116		351.52	354.02	2.5	Extremely altered/moderately fractured quartz feldspar dyke material. White feldspar alteration. Montmorillonite alteration. Manganese/limonite stained.
G0558117		354.02	359.02	5	Manganese/limonite stained, highly altered/fractured intrusive. Sandy texture. Dyke material in localized zones. Fragmented gray quartz. Shear zone.
G0558118		359.02	364.02	5	Manganese/limonite stained, highly altered/fractured intrusive. Sandy texture. Dyke material in localized zones. Fragmented gray quartz. Shear zone grades into a 70cm quartz feldspar dyke. Limonite pits and gray quartz clasts prevalent.
G0558119		364.02	369.02	5	Extremely altered/fractured, manganese/limonite stained intrusive hosting areas of quartz feldspar dyke material. Gray quartz clasts. Clay altered fractures, grading to clay vein material in some very small zones.
G0558120		369.02	374.02	5	Extremely altered/fractured, manganese/limonite stained intrusive hosting areas of quartz feldspar dyke material. Gray quartz clasts. Clay altered fractures, grading to clay vein material in some very small zones.
G0558121		374.02	375.62	1.6	Quartz feldspar dyke hosting gray quartz clasts. White feldspar alteration. Highly fractured/altered. Sulphide pitted.

Sample Number	Direction	From	To	Interval	Description
G0558122		375.62	376.57	0.95	Clay vein (dry). Gray quartz clasts. White feldspar alteration. Highly fractured/altered. Sulphide pitted.
G0558123		376.57	381.57	5	Extremely altered/fractured manganese/limonite stained intrusive hosting areas of quartz feldspar dyke material. Gray quartz clasts. Clay alteration in fractures grades into gouge in some very small zones.
G0558124		381.57	383.47	1.9	Quartz feldspar dyke. Limonite stained, hosting gray quartz clasts. White feldspar alteration. Quartz is sulphide pitted.
G0558125		383.47	385.27	1.8	Same dyke hosting milky quartz veins 10cm apart 2-4 cm throughout dyke. Sulphide pitted quartz veins. 129/79 and 138/sub-vertical.
G0558126		385.75	387.07	1.32	Highly altered, manganese/limonite stained intrusive. Sandy texture.
G0558127		387.07	388.37	1.3	More competent manganese/limonite stained, highly altered/moderately fractured granodiorite.
G0558128		388.37	393.37	5	Extremely altered/fractured intrusive hosting quartz dyke zones and fragmented dyke material. Sandy texture in fractures.
G0558129		393.37	398.37	5	Extremely altered/fractured intrusive hosting quartz dyke zones and fragmented dyke material. Sandy texture in fractures.
G0558130		385.27	385.75	0.48	Clay vein zone on edge of quartz feldspar dyke with quartz veins. White clay lenses. Orange colour. Hosts a small amounts of dyke material. Footwall. 118/80.
G0558131		Milky Qtz. Vein Sample From 8130			
G0558132		398.37	403.37	5	Highly altered/fractured, manganese/limonite stained intrusive hosting large amounts of weakly developed quartz feldspar dyke material. Localized areas of dark gray staining and montmorillonite alteration in fractures. Fractures at 160/84 and 52/sub-vertical.
G0558133		403.37	404.37	1	Highly altered/fractured, manganese/limonite stained intrusive hosting large amounts of weakly developed quartz feldspar dyke material. Localized areas of dark gray staining and montmorillonite alteration in fractures. Fractures at 160/84 and 52/sub-vertical.
G0558134		404.37	405.47	1.1	Darkly manganese/limonite stained quartz feldspar porphyry dyke. Moderately fractured highly altered. White feldspar alteration. Limonite pits. 118/69.
G0558135		405.47	406.47	1	Limonite stained, almost yellow. Highly altered/fractured intrusive. Sulphide pitted. Some quartz feldspar porphrey dyke fragments. Foot wall.
G0558136		406.47	411.47	5	Extremely altered intrusive. Highly fractured, limonite/manganese stained. Gray clay alteration in localized zones. Some quartz/feldspar dyke material. Sandy texture in fractures, grades to gouge in a lot of areas. Grey quartz clasts throughout. Localized mont. Alt.

Sample Number	Direction	From	To	Interval	Description
G0558137		411.47	412.3	0.83	Weakly developed clay gouge zone hosted insame material as 8136. Quartz stringerscut zone. Clay grades from yellow-orange-grey colours. Sandy texture in intrusive fractures.
G0558138		412.3	417.3	5	Manganese/limonite stained, highly altered, fairly competent intrusive. Grades to greenish granodiorite in areas.
G0558139		417.3	422.3	5	Manganese/limonite stained, highly altered, fairly competent intrusive. Grades to greenish granodiorite in areas.
G0558140		422.3	424	1.7	Extremely altered/fractured intrusive hosting dyke fragments. Sandy texture. Gray quartz clasts. Grades to dry clay vein material in small spots at bottom of zone. Fractures at 131/70 and 128/85. Quartz veins throughout zone. Disseminated pyrite in veins.
G0558141		424	426.1	2.1	Large quartz feldspar dyke. Limonite/manganese stained. Porous with sulphide pitting and limonite alteration. Gray quartz bands in some areas. 1-4cm (115/82) whole zone (121/71) no pyrite.
G0558142		426.1	429.6	3.5	Localized zones of disseminated pyrite (extreme amounts). Manganese/limonite stained, highly altered/moderately fractured granodiorite. Some montmorillonite alteration. Sandy texture in fractures.
G0558143		429.6	431.5	1.9	Extremely altered/fractured intrusive. Abundant quartz feldspar dyke material. Limonite stained clay vein material in fractures. Bright orange, locallized dry vein zones. Sandy texture.
G0558144		431.5	433.5	2	Dark limonite/manganese stained intrusive. Clay alteration in fractures. Highly altered/moderately fractured. Biotite alteration.
G0558145		433.5	434.5	1	Extremely altered/fractured intrusive. Sandy texture grading to clay vein. Hanging wall.
G0558146		434.5	435.8	1.3	Dry clay vein zone hosting quartz feldspar dyke fragments. White clay vein lenses. Gray quartz clasts. 129/60.
G0558147		435.8	436.8	1	Highly altered, manganese/limonite stained intrusive. Sandy texture in fractures. Footwall.
G0558148		436.8	441.8	5	Highly altered/moderately fractured, manganese/limonite stained granodiorite with some areas of more intensly fractured intrusive with clay/sandy texture in fractures. Clay alteration sometimes. Localized areas of montmorillonite alteration in smaller sandy zones.
G0558149		441.8	446.8	5	Highly altered/moderately fractured, manganese/limonite stained granodiorite with some areas of more intensly fractured intrusive with clay/sandy texture in fractures. Clay alteration sometimes. Localized areas of montmorillonite alteration in smaller sandy zones.

Sample Number	Direction	From	To	Interval	Description
G0558150		446.8	451.8	5	Highly altered/moderately fractured, manganese/limonite stained granodiorite with some areas of more intensly fractured intrusive with clay/sandy texture in fractures. Clay alteration sometimes. Localized areas of montmorillonite alteration in smaller sandy zones.
G0558151		451.8	453.6	1.8	Competent, altered, manganese/limonite stained granodiorite.
G0558152		453.6	456.1	2.5	Extremely altered, limonite stained, extremely fractured intrusive with sandy texture grading often to clay vein material. Quartz feldspar dyke fragments throughout zone. Localized montmorillonite alteration. Orange clay vein band through the center of the zone. 4cm wide. 139/79.
G0558153		456.1	461.1	5	Highly altered, manganese/limonite stained intrusive. Clay vein alteration in localized areas. Sandy texture in fractures.
G0558154		461.1	463.3	2.2	Extremely altered, limonite stained intrusive. Hosting quartz feldspar dyke material. Clay vein near dyke material. Sandy texture in fractures. Gray quartz clasts.
G0558155		463.3	468.3	5	Dark manganese/limonite stained, highly altered granodiorite. Big blocks.
G0558156		468.3	473.3	5	Dark manganese/limonite stained, highly altered granodiorite. Big blocks. Grades into more altered much more fractured granodiorite.
G0558157		473.3	478.3	5	Dark manganese/limonite stained, highly altered granodiorite. Big blocks. Lots of quartz present in large rocks (primary mineral) in localized zones.
G0558158		478.3	483.3	5	Dark manganese/limonite stained, highly altered granodiorite. Big blocks. Lots of quartz (primary mineral).
G0558159		483.3	488.3	5	Dark manganese/limonite stained, highly altered granodiorite. Big blocks. Less quartz present but they're still zones of it being the primary mineral.
G0558160		488.3	493.3	5	Dark manganese/limonite stained, highly altered granodiorite. Big blocks. Less quartz present but they're still zones of it being the primary mineral.
G0558161		493.3	498.3	5	Extremely altered, manganese/limonite stained intrusive. Highly fractured. Gray quartz and white feldspars in extremely fractured areas. Dyke material present (small). Chlorite.
G0558162		498.3	502.3	4	Manganese/limonite stained granodiorite (biotite, quartz, hornblende) with chlorite/epidote alteration. Moderately fractured, fairly competent. Clay alteratin in fractures.
G0558163		502.3	503.3	1	Manganese/limonite stained, highly altered Intrusive. Blocky. (quartz, hornblende, feldspar). Hanging wall.
G0558164		503.3	505.1	1.8	Dry clay vein zone hosting quartz feldspar dyke material. Fragmented gray quartz clasts. 120/55.
G0558165		505.1	506.1	1	Highly altered manganese/limonite stained, yellow colour, sulphide pitted intrusive. Footwall. Cay alteration in fractures. Large quartz rocks.

Sample Number	Direction	From	To	Interval	Description
G0558166		506.1	508.15	2.05	Highly altered manganese/limonite stained, yellow colour, sulphide pitted intrusive. Footwall. Cay alteration in fractures. Large quartz rocks.
G0558167		508.15	509.95	1.8	Highly fractured quartz feldspar dyke. Limonite stained. Gray quartz clasts. Clay vein in fractures. Sulphide pitted, porous. East wall much smaller. 129/30.
G0558168		509.95	514.95	5	Highly altered limonite/manganese stained intrusive. Dark manganese stained zones. Moderately fractured. Chlorite alteration present. Gray quartz clasts in localized zones. Clay alteratin in fractures.
G0558169		514.95	518.75	3.8	Highly altered limonite/manganese stained intrusive. Dark manganese stained zones. Moderately fractured. Chlorite alteration present. Gray quartz clasts in localized zones. Clay alteratin in fractures.
G0558170		518.75	520.75	2	Dry clay vein zone (weak). Quartz dyke fragments, massive quartz rocks in the zone. Limonite/manganese stained. Some chlorite staining on intrusive wall rock.
G0558171		520.75	522.05	1.3	Extremely altered/fractured, manganese/limonite stained intrusive. Quartz feldspar dyke material in localized zones. Sandy texture. Clay alteration in some fractures.
G0558172		522.05	522.95	0.9	Quartz feldspar dyke. Manganese/limonite stained intrusive. Clay alteration in fractures. Sulphide pitted. Porous. White feldspar alteration.
G0558173		522.95	525.45	2.5	Extremely altered/fractured, limonite/manganese stained intrusive. Gray quartz clasts. Localized montmorillonite and clay vein alteration.
G0558174		525.45	530.25	4.8	Extremely altered/fractured, limonite/manganese stained intrusive. Sandy texture grading to pockets of clay vein grade alteration. Localized, rare montmorillonite alteration. Some zones with dyke fragments. Gray quartz clasts.
G0558175		530.25	531.85	1.6	Manganese/limonite stained, highly altered/moderately fractured intrusive. Chlorite. Clay alteration in fractures.
G0558176		531.85	533.25	1.4	Montmorillonite alteration. Extremely altered/fractured. Limonite stained. Chlorite. vein zone is dry but hosts quartz feldspar dyke (piited/porous) material.
G0558177		533.25	538.25	5	Manganese/limonite stained, highly altered/moderately fractured intrusive. Chlorite. Clay alteration in fractures.
G0558178		538.25	540.81	2.56	Manganese/limonite stained, highly altered/moderately fractured intrusive. Chlorite. Clay alteration in fractures. Zone grades into altered/fractured, manganese/limoniote stained intrusive. Sandy texture grading to clay vein alteration in fractures.
G0558179		540.81	542.61	1.8	Extremely altered/fractured, limonite stained intrusive. Abundant clay vein material. Quartz feldspar dyke material in vein zones. Gray quartz clasts. Gray dirt alteration near dyke material.
G0558180		Blank			

Sample Number	Direction	From	To	Interval	Description
G0558181		542.61	544.01	1.4	Manganese/limonite stained intrusive. Limonite stained, clay vein material in fractures. Quartz feldspar dyke material.
G0558182		544.01	544.71	0.7	Quartz feldspar dyke, sulphide pitted. White feldspar alteration. Gray alteration near dyke. Clay vein material in fractures.
G0558183		544.71		-544.71	Manganese/limonite stained intursive/granodiorite. Chlorite. Blocky. Altered/moderate fractured. Competent.
G0558184		Standard			
G0558185		553.5	558.5	5	Highly altered, manganese/limonite stained intrusive with areas of intense fractured rock. Localized pockets of gray alteration with quartz clasts. Some clay alteration/vein in fractures. Very small pockets.
G0558186		558.5	563.5	5	Manganese/limonite stained granodiorite with chlorite/epidote. Some clay alteration in fractures.
G0558187		563.5	568.5	5	Manganese/limonite stained (biotite, hornblende, quartz) granodiorite. Some small bands of clay alteration. Limonite alteration in fractures. Fractures at 139/82 and 27/65.
G0558188		568.5	573.5	5	Manganese/limonite stained (biotite, hornblende, quartz) granodiorite. Some small bands of clay alteration. Limonite alteration in fractures.
G0558189		573.5	578	4.5	Manganese/limonite stained (biotite, hornblende, quartz) granodiorite. Some small bands of clay alteration. Limonite alteration in fractures. 148/70.
G0558190		578	579.4	1.4	Extremely altered/fractured dry clay vein zone. Quartz feldspar dyke fragments. Some montmorillonite alteration. Gray dirt altered pockets.
G0558191		579.4	580.1	0.7	Highly altered, limonite/manganese stained intrusive. Clay vein material (dry in fractures). Some weak dyke fragments. Sandy texture.
G0558192		580.1	581.4	1.3	Dry clay vein material grading to strong clay vein. Dyke fragments and gray quartz clasts present. White sticky lenses as well as deep orange lenses present.
G0558193		581.4	583.7	2.3	Quartz feldspar dyke material. Manganese/limonite stained. Weak dyke devolopment. Sandy texture in fractures. Epidote present in some areas.
G0558194		583.7	585.8	2.1	Clay vein zone hosting narrow quartz feldspar dyke material. 2-4cm gray quartz fragments throughout. Light yellow colour. White clay lenses. 130/sub-vertical.
G0558195		585.8	586.8	1	Highly altered/fractured, manganese/limonite stained dyke fragments. Clay vein material in fractures. Footwall.
G0558196		586.8	589.5	2.7	Highly altered/fractured, manganese/limonite stained dyke fragments. Clay vein material in fractures. Footwall.
G0558197		589.5	591	1.5	Dry clay vein zone. Orange. Extremely fractured. Gray quartz clasts and dyke fragments present. 151/sub-vertical.

Sample Number	Direction	From	To	Interval	Description
G0558198		591	594	3	Highly fractured/altered intrusive. Some montmorillonite alteration. Clay vein in fractures.
G0558199		594	595.15	1.15	Quartz feldspar dyke. Gray quartz clasts. Clay vein in fractures. White feldspar alteration. 129/80.
G0558200		595.15	595.65	0.5	Highly altered/fractured, manganese/limonite stained intrusive. Footwall.
G0558201		595.65	598.55	2.9	Manganese/limonite stained intrusive. Highly altered. Clay vein material in fractures.
G0558202		598.55	600.55	2	Dry clay vein zone. Gray quartz clasts. Dyke fragments. Sandy texture in localized zones.
G0558203		600.55	605.55	5	Dark manganese/limonite stained, highly altered/moderately fractured intrusive hosting localized clay alteration. Some epidote sections.
G0558204		605.55	608.45	2.9	Extremely altered/highly fractured intrusive. Manganese/limonite stained. Quartz feldspar dyke in some vein type zones. Localized montmorillonite alteration. Clay alteration in fractures.
G0558205		608.45	613.45	5	Extremely altered/highly fractured intrusive. Manganese/limonite stained. Quartz feldspar dyke in some vein type zones. Localized montmorillonite alteration. Clay alteration in fractures. Much more montmorillonite alteration and dyke fragments.
G0558206		613.45	614.45	1	Extremely altered/highly fractured intrusive. Manganese/limonite stained. Quartz feldspar dyke in some vein type zones. Localized montmorillonite alteration. Clay alteration in fractures. Hanging wall.
G0558207		614.45	616.45	2	Clay vein zone grading in and out of wet and dry gouge. Gray quartz dyke fragments. Localized deep orange colour. Gray clay altered pockets.
G0558208		616.45	618.15	1.7	Greenish quartz feldspar dyke with white feldspar alteration. Clay vein in fractures. Sulphide pitted very porous. Limonite stained. 169/sub-vertical.
G0558209		618.15	619.15	1	Extremely altered/highly fractured, manganese/limonite stained intrusive hosting weakly devoloped dyke zones and montmorillonite alteration. Sandy texture in fractures. Footwall.
G0558210		619.15	624.15	5	Manganese/limonite stained, highly altered/fractured intrusive. localized montmorillonite alteration. Chlorite alteration. Weak dyke veins. Clay alteration in fractures.
G0558211		624.15	628.55	4.4	Dark manganese/limonite stained/altered granodiorite. Big, blocky (quartz, hornblende, biotite).
G0558212		628.55	630.75	2.2	Montmorillonite alteration. Clay altered zone with white clay vein lenses gray stained stringers throughout zone. White-gray-orange colours. 104/72.

Sample Number	Direction	From	To	Interval	Description
G0558213		630.75	635.75	5	Extremely altered/fractured intrusive. Dyke fragment material throughout zone. Clay alteration. Some gray stringers like G0558212. Gray quartz clasts. Manganese/limonite stained. Montmorillonite alteration.
G0558214		635.75	638.55	2.8	Extremely altered/fractured intrusive. Dyke fragment material throughout zone. Clay alteration. Some gray stringers like G0558212. Gray quartz clasts. Manganese/limonite stained. Montmorillonite alteration.
G0558215		638.55	643.55	5	Extremely altered/fractured intrusive. Dyke fragment material throughout zone. Clay alteration. Some gray stringers like G0558212. Gray quartz clasts. Manganese/limonite stained. Montmorillonite alteration.
G0558216		643.55	648.55	5	Highly altered, manganese/limonite stained, blocky (quartz, hornblende, biotite) granodiorite with chlorite alteration. Clay alteration in fractures.
G0558217		648.55	649.55	1	Highly altered, manganese/limonite stained, blocky (quartz, hornblende, biotite) granodiorite with chlorite alteration. Clay alteration in fractures.
G0558218		649.55	650.75	1.2	Quartz feldspar dyke hosting localized clay vein zones. Sulphide pitted. Limonite stained. Gray quartz clasts. 108/71.
G0558219		650.75	651.75	1	Extremely altered/fractured intrusive. Some dyke material. Clay alteratiopn in fractures. Chlorite. Footwall.
G0558220		651.75	656.75	5	Extremely altered/fractured, manganese/limonite stained intrusive. Localized clay altered zones. Sandy texture. Some areas with quartz feldspar dyke fragments. Montmorillonite alteration. Light orange-yellow colour.
G0558221		656.75	661.75	5	Highly altered/fractured intrusive similar to G0558220 grading into manganese/limonite stained granodiorite with clay alteration in fractures.
G0558222		661.75	664.75	3	Granodiorite grading back to more highly fractured/altered sandy texture with gray clay altered lenses. Montmorillonite alteration. Small vein type zones.
G0558223		664.75	667.75	3	Quartz feldspar dyke with limonite pits and white feldspar alteration. Limonite stained, (50 cm) sandy texture band in the middle of the zone. Dyke and gray quartz fragments present in this area. Dyke is very porous. 137/75.
G0558224		667.75	670.67	2.92	Extremely altered/fractured intrusive. Manganese/limonite stained. Sandy texture. Chlorite alteration. Clay alteration/gouge in fractures.
G0558225		670.67	672.4	1.73	Clay vein zone hosting dyke material and gray quartz. Limonite stained. Yellow colour.
G0558226		672.4	677.4	5	Extremely altered/fractured intrusive. Manganese/limonite stained. Sandy texture. Localized zones of montmorillonite alteration. Small amounts of dyke fragments.

Sample Number	Direction	From	To	Interval	Description
G0558227		677.4	682.4	5	Extremely altered/fractured intrusive. Manganese/limonite stained. Sandy texture. Localized zones of montmorillonite alteration. Small amounts of dyke fragments. Much less fractured material grades into a (biotite, quartz, hornblende) blocky granodiorite.
G0557951		0	7	7	Fresh (biotite, hornblende, quartz) granodiorite. Very minor limonite staining in fractures.
G0557952		7	7.5	0.5	Fresh (biotite, hornblende, quartz) granodiorite. Very minor limonite staining in fractures. Footwall.
G0557953		7.5	9.3	1.8	Intensly altered/fractured, manganese/limonite stained intrusive. Quartz feldspar dyke material that is sulphide pitted represents the first 10cm of the zone. Intense hematite staining. Clay vein material in fractures. 100/75.
G0557954		9.3	9.8	0.5	Fresh (biotite, hornblende, quartz) granodiorite. Very minor limonite staining in fractures. Hanging wall.
G0557955		9.8	19.8	10	Fresh (biotite, hornblende, quartz) granodiorite. Very minor limonite staining in fractures.
G0557956		19.8	22.3	2.5	Fresh (biotite, hornblende, quartz) granodiorite. Very minor limonite staining in fractures.
G0557957		22.3	23.3	1	Highly altered/fractured, manganese/hematite stained intrusive. Dark redish/brown colour.
G0557958		23.3	26	2.7	Highly altered/fractured, manganese/limonite stained intrusive. Large goethite stained bands. Clay alteration in fractures. Thin bands of sulphide pitted quartz feldspar dyke.
G0557959		26	27.8	1.8	Highly altered/fractured, limonite/goethite stained intrusive. Limonite alteration in fractures.
G0557960		27.8	32.8	5	Fresh (biotite, hornblende, quartz) granodiorite. Very minor limonite staining in fractures. hanging wall.
G0557961		32.8	34.7	1.9	Granodiorite. Limonite/manganese stained with sandy texture altered intrusive in fractures.
G0557962		34.7	35.7	1	altered, moderately/fractured granodiorite with lots of sand altered intrusive in fractures. Limonite altered/stained. Footwall.
G0557963		35.7	38.83	3.13	Extremely altered/fractured, manganese/limonite stained intrusive. Sandy texture. Gray quartz clasts. Minor localized hematite staining. Clay alteration in fractures grading to clay vein material in some spots. 160/70.
G0557964		38.83	39.83	1	Fresh granodiorite with limonite stained fractures. Hanging wall.
G0557965		39.83	41.83	2	Fresh granodiorite with limonite stained fractures.

Sample Number	Direction	From	To	Interval	Description
G0557966		41.83	42.83	1	Manganese/limonite stained, highly altered/fractured intrusive. Clay alteration In fractures. Localized dyke material. Footwall
G0557967		42.83	45.03	2.2	Clay vein zone. Localized montmorillonite alteration. Gray quartz clasts. Gray dirt altered banding. Weak yellow whitish colour. 155/70.
G0557968		45.03	46.03	1	Goethite/limonite stained intrusive. Lots of clay vein material.
G0557969		46.03	47.03	1	Manganese/limonite stained, highly altered/fractured intrusive. Montmorillonite alteration. Clay alteration in fractures. Hanging wall.
G0557970		47.03	53.83	6.8	Manganes/limonite stained fractures. Fresh (biotite, hornblende, quartz, k-feldspar) granodiorite.
G0557971		53.83	55.58	1.75	Highly altered/fractured, manganese/limonite stained intrusive. Montmorillonite alteration. Gray quartz clasts (very few). Clay alteration in fractures.
G0557972		55.58	58.83	3.25	Highly altered/fractured, manganese/limonite stained intrusive. Clay alteration in fractures. Large areas of montmorillonite alteration.
G0557973		58.83	61.83	3	Highly altered/fractured, manganese/limonite stained intrusive. Clay vein in fractures. Fairly competent. Localized hematite staining.
G0557974		61.83	63.73	1.9	Highly altered/fractured, manganese/limonite stained intrusive. Clay alteration in fractures. Large areas of montmorillonite alteration.
G0557975		63.73	65.58	1.85	Highly altered/fractured intrusive. Limonite stained, montmorillonite altered, soloflucted. Galena vein above zone (unsampled). footwall.
G0557976		65.58	66.28	0.7	Manganese/limonite stained intrusive. Clay vein in fractures. Some goethite and hematite bands. Goethite bands host semi-massive galena. Disseminated pyrite and locaized zones of scorodite stained arsenopyrite. Moose shit gouge along hanging wall of sulphide vein. Galena vein's true width is 11cm. True width of zone is 65cm. 151/70 (soloflucted). Blackjack sphalerite also present (minor).
G0557977		66.28	67.28	1	Highly altered/fractured intrusive. Limonite stained. Minor goethite and hematite staining. Hanging wall.
G0557978		67.28	69.73	2.45	Highly altered/fractured, limonite/minor manganese stained intrusive. Localized montmorillonite alteration. Clay vein (dry) material in fractures.
G0557979		Blank			
G0557980		69.73	77.73	8	Fresh (biotite, quartz, hornblende) granodiorite. Angular. Blocky.
G0557981		77.73	81.13	3.4	Limonite stained, highly altered/moderately fractured intrusive. Clay alteration in fractures.
G0557982		81.13	82.53	1.4	Highly altered/fractured intrusive. Limonite stained with goethite staining at first half zone. Small montmorillonite alteration beside goethite. Clay alteration in fractures.
G0557983		82.53	85.83	3.3	Highly altered/moderately fractured manganese/limonite stained intrusive. Chlorite altered. Limonite alteration in fractures 30/sub-vertical.

Sample Number	Direction	From	To	Interval	Description
G0557984		85.83	86.33	0.5	Highly altered, goethite/hematite stained intrusive. Small amounts of disseminated pyrite. Limonite altered throughout rocks. Seresite alteration. Chlorite alteration. 150/68.
G0557985		86.33	88.03	1.7	Manganese, limonite stained (biotite, hornblende, quartz, k-feldspar) granodiorite. Some chlorite.
G0557986		Standard Plata			
G0557987		88.03	89.03	1	Manganese/limonite stained granodiorite. Localized montmorillonite alteration. Clay alteration in fractures.
G0557988		89.03	91.23	2.2	Manganese/limonite stained with goethite/hematite bands. Intrusive is highly altered/fractured. Bright gold-yellow colour.
G0557989		91.23	93.43	2.2	Manganese/limonite stained with goethite/hematite bands. Intrusive is highly altered/fractured. Bright gold-yellow colour. Grades into more competent intrusive.
G0557990		93.43	98.43	5	Manganese/limonite stained, fine grained competent granodiorite with minor pyrite crystals. Some chlorite and hematite staining. Blocky. Limonite alteration in fractures.
G0557991		98.43	100.48	2.05	Highly altered/fractured, limonite stained intrusive. Clay gouge in fractures. Goethite stained bands 3cm wide. Sandy texture.
G0557992		100.48	103.18	2.7	Manganese/limonite stained feldspar porphyry dyke. Gray matrix with white feldspars. Blocky.
G0557993		103.18	104.18	1	Limonite stained, altered/fractured intrusive. Intense limonite alteration. Clay vein bands in fractures. Gray quartz ooid forming in one rock.
G0557994		104.18	107.78	3.6	Intensly fractured/altered intrusive. Limonite stained. Localized montmorillonite alteration. Localized hematite staining. Clay vein present (dry).
G0557995		107.78	108.78	1	Highly altered/fractured, limonite/manganese stained intrusive. Clay vein in fractures. Limonite alteration throughout rock.
G0557996		108.78	113.78	5	Manganese/limonite stained, highly altered/fractured intrusive. Localized hematite and goethite staining. Blocky.
G0557997		113.78	116.78	3	Manganese/limonite stained. Sandy texture in fractures. Altered quartz feldspar porphyry hosting disseminated pyrite. Blue colour.
G0557998		116.78	117.78	1	Goethite/hematite stained band with clay vein (dry) on hanging wall. Manganese/limonite stained intrusive. Intensly limonite altered. 143/64.
G0557999		117.78	120.13	2.35	Manganese/limonite stained granodiorite.
G0558000		120.13	121.38	1.25	Gray clay vein zone. Blocky limonite altered intrusive pieces throughout zone. Minor limonite staining. Light gray-black clay vein. Gouge in fractures of blocky vein.

Sample Number	Direction	From	To	Interval	Description
G0558001		121.38	122.83	1.45	Manganese/limonite stained, blocky granodiorite with sandy texture. Clay vein in fractures.
G0558002		122.83	127.13	4.3	Manganese/limonite stained, highly altered intrusive. Localized hematite staining. Clay vein material in fractures. Limonite altered rocks. Chlorite alteration.
G0558003		127.13	127.63	0.5	Manganese/limonite stained, highly altered intrusive. Localized hematite staining. Clay vein in fractures. Limonite altered rocks. Chlorite alteration. Hanging wall.
G0558004		127.63	129.13	1.5	Limonite stained clay vein zone. Goethite/hematite bands. Brownish colour.
G0558005		129.13	130.43	1.3	Clay vein zone hosting gray bands, hematite (dark) bands with scorodite staining. Milky quartz and quartz feldspar dyke fragments. White-yellow-gold clay vein. Very sticky. 133/59 potentially soloflucted.
G0558006		130.43	132.73	2.3	Gray clay vein zone (light gray colour). Localized hematite staining. Limonite altered rocks (blocky) in zone (small areas).
G0558007		132.73	133.23	0.5	Gray clay vein. Limonite altered rocks. Small ammounts of vein material in fractures (very little).
G0558008		133.23	136.93	3.7	Intense hematite/goethite bands hosting clay altered bands and localized montmorillonite alteration. Highly fractured/altered zone hosts semi-massive galena and large scorodite stained massive arsenopyrite veins associated with goethite stained bands. Disseminated pyrite throughout zone. Milky quartz clasts in hematite bands. 124/74. True width is equal to the sample width.
G0558009		136.93	138.03	1.1	Manganese/limonite stained intrusive. clay vein in fractures. Montmorillonite alteration. Limonite altered rocks. Highly altered/fractured. Hanging wall.
G0558010		138.03	141.13	3.1	Manganese/limonite stained intrusive. Highly altered/moderately fractured. Clay vein in fractures. Goethite bands.
G0558011		141.13	147.63	6.5	Manganese/limonite stained fresh granodiorite. Sandy texture in some fractures.
G0558012		147.63	148.63	1	Extremely altered/fractured intrusive. Localized hematite staining. Manganese/limonite stained sandy texture.
G0558013		148.63	149.23	0.6	Intense hematite/goethite bands. Sulphide pitted. 150/80. Hosts a massive arsenopyrite vein. True width is 54cm. Some scorodite staining.
G0558014		149.23	152.05	2.82	Extremely altered/fractured intrusive. Localized hematite staining. Manganese/limonite stained sandy texture.
G0558015		152.05	155.95	3.9	Altered/moderately fractured, manganese/limonite stained granodiorite.
G0558016		155.95	157.45	1.5	Dry clay vein zone. Montmorillonite altered. Bright orange. Gray clasts present. Localized hematite staining.
G0558017		157.45	158.45	1	Very altered goethite/limonite stained intrusive. Bands of highly fractured, seresite altered material. Clay vein in fractures. Limonite altered rocks.

Sample Number	Direction	From	To	Interval	Description
G0558018		158.45	159.45	1	Very altered goethite/limonite stained intrusive. Bands of highly fractured, seresite altered material. Clay vein in fractures. Limonite altered rocks. Much more clay vein material. Footwall.
G0558019		159.45	163	3.55	Clay vein zone. Nucear white-yellow-gray. Intense seresite alteration. White vein lenses. Quartz feldspar dyke fragments are sulphide pitted. Pyrite blebs throughout zone. Some gray clay vein rock fragments. Limonite altered. 107/80. True width is equal to the sample width.
G0558020		163	164	1	Manganese/limonite stained intrusive. Highly altered, moderately Fractured. Hanging wall.
G0558021		164	165.8	1.8	Manganese/limonite stained/altered quartz feldspar porphyry hosting disseminated pyrite.
G0558022		165.8	169.2	3.4	Altered granodiorite. Bluish colour. Angular. Blocky.
G0558023		169.2	170	0.8	Intensly manganese stained quartz feldspar porphyry band hosting pervasive pyrite. Blue colour. Limonite alteration in fractures. 107/84.
G0558024		170	175	5	Manganese/limonite stained granodiorite. Some spots tend to bluish porphyry like look. Clay alteration in fractures.
KL/TR/10/10					
G0558025		0	4.35	4.35	Altered/moderately fractured, limonite stained (quartz, biotite, hornblende) granodiorite. Clay alteration in fractures.
G0558026		4.35	5.95	1.6	Highly altered/fractured, limonite/manganese stained intrusive. Localized hematite staining and clay vein material in some fractures.
G0558027		5.95	10.4	4.45	Manganese/limonite stained, altered/moderately fractured (quartz, hornblende, biotite) granodiorite.
G0558028		10.4	11.02	0.62	Intensly altered, manganese/limonite stained, highly fractured intrusive. Clay vein bands in fractures. Hematite stained band 1cm at beginning of zone. Localized gray clay alteration. 152/72.
G0558029		11.02	14.32	3.3	Fresh (biotite, quartz, hornblende) granodiorite. Very little fractures. Some limonite stains in fractures.
G0558030		14.32	15.72	1.4	Highly altered/fractured manganese/limonite stained intrusive hosting bands of hematite and clay vein material. Localized goethite and montmorillonite alteration. 011/80.
G0558031		15.72	21.72	6	Manganese/limonite stained, altered/moderately fractured, fine grained granodiorite with stealth bomber angular fracture planes.
G0558032		21.72	31.72	10	Fresh, angular (biotite, quartz, hornblende) granodiorite.
G0558033		31.72	41.72	10	Fresh, angular (biotite, quartz, hornblende) granodiorite.

Sample Number	Direction	From	To	Interval	Description
G0558034		41.72	45.92	4.2	Highly altered/moderately fractured, manganese/limonite stained intrusive with abundant clay vein material in fractures. Zones of dry clay vein, gray clay vein and hematite stained areas.
G0558035		45.92	48.35	2.43	Manganese/limonite with localized geothite stained, highly altered moderately fractured intrusive. Localized clay alteration.
G0558036		48.35	50.65	2.3	Highly altered/fractured, limonite stained intrusive. Localized hematite staining. Sandy texture grading to clay vein in some pockets.
G0558037		50.65	51.65	1	Manganese/goethite stained intrusive. Limonite altered throughout. Highly fractured hosting clay vein (white, gold, orange) throughout zone. Vein material has extensive seresite alteration. Footwall.
G0558038		51.65	53.65	2	Clay vein zone. White lenses in gold coloured vein material. Quartz feldspar dyke fragments as well as gray quartz clasts. Extensive seresite alteration. Scorodite type coloured staining in localized pods.
G0558039		53.65	55.35	1.7	Highly altered/fractured, hematite/manganese/limonite stained quartz feldspar dyke. Sulphide pitted. Clay vein in fractures. Extensive seresite alteration.
G0558040		55.35	57.36	2.01	Clay vein zone identical to 8038.
G0558041		57.36	58.36	1	Hematite/goethite stained, highly altered/fractured intrusive. Localized clay alteration in fractures. Dark red/black colour. hanging wall.
G0558042		58.36	59.4	1.04	Highly altered/fractured, manganese/goethite stained intrusive. Clay alteration in fractures.
G0558043		59.4	60.2	0.8	Hematite/goethite stained, highly altered fractured intrusive hosting blebs of galena and some rocks of semi-massive sphalerite with less semi-massive arseno pyrite. Scorodite staining is limited. Fragmented quartz feldspar dyke along east wall. 10 cm vein beside sulphide vein. true width is 42cm. 151/85.
G0558044		60.2	64.1	3.9	Manganese/limonite stained, altered/moderately fractured granodiorite with sandy texture/clay alteration in fractures. Fine grained grading to coase grained rocks.
G0558045		64.1	68.5	4.4	Limonite stained sandy texture. Highly altered/fractured intrusive. Localized montmorillonite alteration. Clay alteration.
G0558046		68.5	69	0.5	Banded hematite/goethite stained intrusive. Limonite altered rocks. Highly fractured/altered.
G0558047		69	79	10	Fresh, extremely competent (biotite, hornblende, quartz) granodiorite.
G0558048		79	82.73	3.73	Manganese/limonite stained, altered/moderately fractured granodiorite. Grades from limonite altered rocks to fresh granodiorite.
G0558049		82.73	85.93	3.2	Limonite, some manganese stained, highly altered/fractured intrusive. Clay alteration (golden-orange colour). 182/77.

Sample Number	Direction	From	To	Interval	Description
G0558050		85.93	95.93	10	Limonite stained, blocky fresh (biotite, quartz, hornblende) granodiorite with clay alteration in fractures. Some of these zones are 10cm wide. Localized montmorillonite alteration in wide zones.
G0558251		95.93	99.33	3.4	Highly altered fractured limonite stained intrusive. Clay alteration. Sandy texture.
G0558252		99.33	100.33	1	Highly altered fractured limonite stained intrusive. Clay alteration. Sandy texture.
G0558253		100.33	101.23	0.9	Clay vein zone (weak). Intense serisite alteration. Orange gray quartz clasts. White clay blebs.
G0558254		101.23	102.23	1	Limonite/localized goethite stained, highly fractured/altered intrusive. Clay vein material in fractures. Hanging wall.
G0558255		102.23	107.23	5	Manganese/limonite stained, highly altered/fractured intrusive. Larger rocks have blue quartz feldspar porphyry centers hosting disseminated pyrite. Few of these rocks. Localized montmorillonite alteration. Sandy texture in fractures. Most rocks limonite altered throughout.
G0558256		107.23	110.43	3.2	Manganese/limonite stained, highly altered/fractured intrusive. Larger rocks have blue quartz feldspar porphyry centers hosting disseminated pyrite. Few of these rocks. Localized montmorillonite alteration. Sandy texture in fractures. Most rocks limonite altered throughout.
G0558257		110.43	115.43	5	Manganese/limonite stained, highly altered/fractured intrusive. Larger rocks have blue quartz feldspar porphyry centers hosting disseminated pyrite. Few of these rocks. Localized montmorillonite alteration. Sandy texture in fractures. Most rocks limonite altered throughout.
G0558258		115.43	118.23	2.8	Manganese/limonite stained, highly altered/fractured intrusive. Larger rocks have blue quartz feldspar porphyry centers hosting disseminated pyrite. Few of these rocks. Localized montmorillonite alteration. Sandy texture in fractures. Most rocks limonite altered throughout.
G0558259		118.23	120.38	2.15	Highly altered, manganese/limonite stained, highly fractured intrusive. Sandy texture. Localized clay alteration. Some hematite staining.
G0558260		120.38	121.4	1.02	Manganese/limonite stained. Competent quartz feldspar porphyry hosting pervasive pyrite. Blue colour.
G0558261		121.4	122.4	1	Manganese/limonite stained intrusive. Large bull quartz rocks. Highly altered/fractured. Clay vein bands and clay gouge in fractures. Localized hematite staining. Footwall.
G0558262		122.4	124.9	2.5	Clay vein zone. Banded colouring. Large calcite vein 5cm. Grey clay alteration. Gray quartz clasts. Hosts large fragments of limonite altered intrusive. 166/63.

Sample Number	Direction	From	To	Interval	Description
G0558263		124.9	127.5	2.6	Clay vein/limonite altered intruaive. gray clay alteration. A 3cm band of hematite stained quartz and calcite. Montmorillonite alteration. Clay gouge in fractures. 166/63.
G0558264		127.5	128.5	1	Goethite/hematite stained, limonite altered, highly fractured intrusive. Yellow clay vein material in fractures. Some gray stained, banded clay vein material. Hanging wall.
G0558265		128.5	133.5	5	Limonite/manganese stained quartz feldspar porphyry hosting pervasive pyrite and localized hematite staining. Moderately fractured. Competent.
G0558266		133.5	138.5	5	Limonite stained/manganese stained, highly altered/fractured intrusive. Clay alteration in fractures. Localized montmorillonite alteration.
G0558267		138.5	140	1.5	Highly fractured/altered, limonite stained intrusive. Clay alteration. Montmorillonite alteration. Localized hematite staining.
G0558268		140	141.7	1.7	Highly fractured/altered, limonite stained intrusive. Clay alteration. Montmorillonite alteration. Localized hematite staining.
G0558269		141.7	142.59	0.89	Goethite/limonite stained quartz feldspar dyke. White clay vein zone 4cm runs through zone. Highly altered. Sulphide pitted. 143/65.
G0558270		142.59	143.19	0.6	White clay vein. Serisite altered. Manganese/limonite stained intrusive. Localized hematite staining. Hosts galena and sphalerite blebs (minor).
G0558271		143.19	144.19	1	Manganese/limonite stained, highly altered/fractured intrusive. Large amounts of clay vein material. Localized hematite staining. Light yellow colour.
G0558272		144.19	148.74	4.55	Manganese/limonite stained, highly altered/moderately fractured intrusive. Larger rocks grade to blue granodiorite altered. Hematite stringers.
G0558273		Blank			
G0558274		148.74	154.99	6.25	Manganese/limonite stained, altered/red fractured intrusive. Some clay alteration in fractures.
G0558275		154.99	159.99	5	Manganese/limonite stained, highly altered/fractured intrusive. Hematite stringers. Localized gray clay alteration. Clay alteration in fractures.
G0558276		159.99	164.99	5	Manganese/limonite stained, highly altered/fractured intrusive. Hematite stringers. Localized gray clay alteration. Clay alteration in fractures.
G0558277		164.99	169.23	4.24	Manganese/limonite stained, highly altered/fractured intrusive. Hematite stringers. Localized gray clay alteration. Clay alteration in fractures.
G0558278		169.23	170.23	1	Highly altered/fractured, limonite stained intrusive. Clay alteration. footwall.
G0558279		170.23	171.23	1	Limonite altered, limonite/manganese stained, highly fractured intrusive quickly grading to goethite stained band (4cm) and then clay vein (dry) with white lenses at bottom of zone. Quartz feldspar dyke fragments.
G0558280		Standard Plata			

Sample Number	Direction	From	To	Interval	Description
G0558281		171.23	172.83	1.6	highly fractured, limonite altered, goethite stained bands with rare sphalerite crystals. (36cm) gradesto strong clay vein material with white lenses. Quartz feldspar dyke fragments. 140/79. true width is 1.4m.
G0558282		172.83	173.83	1	Clay vein zone with hematite stringers. Quartz feldspar dyke fragments. Goethite stained limonite altered intrusive at beginning of zone. 140/71. true width is 1m.
G0558283		173.83	174.33	0.5	Manganese/limonite stained quartz feldspar porphyry hosting disseminated pyrite. Blue colour. Hanging wall.
G0558284		174.33	176.73	2.4	Manganese/limonite stained, highly altered/moderately fractured intrusive. Localized clay/montmorillonite alteration. Limonite alteration in fractures. Fractures at 054/85 and 324/70.
G0558285		176.73	177.23	0.5	Goethite/hematite stained band. Limonite alteration. Intrusive hosts rare sphalerite blebs. Very thin scorodite stringers. 155/72.
G0558286		177.23	182.23	5	Manganese/limonite stained, fairly competent intrusive. A couple hematite stringers with feldspar quartz porphyry around them. Pyrite in these zones. Localized montmorillonite alteration in fractures.
G0558287		182.23	183.53	1.3	Clay vein zone, yellow-orange banded. Some goethite/hemitite staining. Yellow clay vein hosts quartz feldspar dyke fragments. Gray gouge lenses.
G0558288		183.53	184.53	1	Goethite/limonite stained intrusive. Highly altered/moderately fractured. Limonite alteration in fractures. Localized weak clay alteration.
G0558289		184.53	190.53	6	Manganese/limonite stained, moderately fractured feldspar porphyry dyke. Competent. Blue/gray matrix with white feldspars.
G0558290		190.53	191.03	0.5	Manganese/limonite stained, highly altered/moderately fractured intrusive with localized clay alteration. Footwall.
G0558291		191.03	192.36	1.33	Manganese/limonite stained, highly altered/fractured intrusive. Clay alteration in fractures. Hosts two parallel 7cm hematite veins with weak scorodite development. Pyrite blebs in hematite veins. 138/69 (veins).
G0558292		192.36	193.71	1.35	Highly altered/fractured, limonite/manganese stained intrusive. Sandy texture in fractures. Some weak montmorillonite alteration.
G0558293		193.71	196.81	3.1	Weakly developed clay vein zone (gray) with limonite altered intrusive rocks throughout zone. Spidered abundant calcite veins up to 3cm wide. Localized hematite staining. 161/60.
G0558294		196.81	201.81	5	Manganese/limonite stained feldspar porphyry dyke hosting abundant calcite stringers (spidered). Blue/gray matrix. White feldspar clasts.
G0558295		201.81	204.81	3	Manganese/limonite stained feldspar porphyry dyke hosting abundant calcite stringers (spidered). Blue/gray matrix. White feldspar clasts.
G0558296		204.81	206.11	1.3	Montmorillonite altered, highly fractured. Clay altered zone. Gray colour. Footwall

Sample Number	Direction	From	To	Interval	Description
G0558297		206.11	207.43	1.32	Clay vein zone, light orange. Localized gray areas hosting limonite altered/goethite stained intrusive fragments. Quartz feldspar dyke fragments. 164/80. true width is 1m.
G0558298		207.43	207.93	0.5	Manganese/limonite stained, highly altered, red fractured intrusive with localized hematite staining. Hanging wall.
G0558299		207.93	212.93	5	feldspar porphyry dyke. Gray matrix. White feldspar alteration. Manganese/limonite stained. Moderately fractured.
G0558300		212.93	214.73	1.8	Limonite/manganese stained, highly altered/fractured intrusive. Limonite alteration. Gray quartz clasts. Localized pods of disseminated galena and pyrite. Some goethite staining.
G0558301		214.73	216.17	1.44	Limonite/manganese stained, highly altered/fractured intrusive. Limonite altered gray quartz clasts. Localized pods of disseminated galena and pyrite. Some goethite staining.
G0558302		216.17	220.17	4	Manganese/limonite stained. Highly altered/moderately fractured intrusive. Localized montmorillonite alteration. Clay alteration in fractures.
G0558303		220.17	220.67	0.5	Manganese/limonite stained. Highly altered/moderately fractured intrusive. Localized montmorillonite alteration. Clay alteration in fractures.
G0558304		220.67	221.82	1.15	Limonite/goethite stained, highly altered/fractured intrusive. Hematite stained bands. Scorodite stained areas. Two 4cm arsenopyrite veins.
G0558305		221.82	222.32	0.5	Manganese/limonite stained, highly altered/fractured intrusive. Localized montmorillonite alteration. Some weak hematite staining. Hanging wall.
G0558306		222.32	227.32	5	Manganese/limonite stained, highly altered/fractured intrusive. Localized montmorillonite alteration. Some weak hematite staining.
G0558307		227.32	228.32	1	Highly altered/fractured, goethite/limonite altered intrusive with hematite stained fractures. Limonite altered rocks. Footwall.
G0558308		228.32	229.32	1	Highly altered/fractured, goethite/limonite altered intrusive with hematite stained fractures. Limonite altered rocks.
G0558309		229.32	229.82	0.5	Highly altered/fractured goethite limonite altered intrusive with hematite stained fractures. Limonite altered rocks. Hosts a large (2 fist sized) hematite/scorodite stained bleb with massive arsenopyrite.
G0558310		229.82	231.82	2	Highly altered, limonite/manganese stained intrusive. Highly fractured. Limonite altered rocks. Localized goethite staining and montmorillonite alteration. Hosts blebs of pinky nail sized galena.
G0558311		231.82	232.82	1	Highly altered, limonite/manganese stained intrusive. Highly fractured. Limonite altered rocks. Localized goethite staining and montmorillonite alteration. Hosts blebs of pinky nail sized galena.

Sample Number	Direction	From	To	Interval	Description
G0558312		232.82	234.12	1.3	limonite stained, highly altered/fractured clay vein zone (weak) with limonite altered rock fragments. Quartz feldspar dyke fragments present.
G0558313		234.12	235.52	1.4	Quartz feldspar dyke, blocky. Sulphide pitted. Hematite and scorodite stringers and areas of gray quartz clasts. Clay vein in fractures. 145/65. True width is 1.2m.
G0558314		235.52	236.52	1	Goethite stained, limonite altered Intrusive with thin bands of scorodite/hematite staining.
G0558315		236.52	237.02	0.5	Fresh, blocky, angular (quartz, feldspar, biotite) granodiorite. Very competent. Limonite stained fractures. Hanging wall.
G0558316		237.02	242.02	5	Fresh, blocky, angular (quartz, feldspar, biotite) granodiorite. Very competent. Limonite stained fractures.
G0558317		242.02	252.02	10	Extremely fresh, unaltered, virtually unfractured (quartz, hornblende, biotite) granodiorite.
G0558318		252.02	259.42	7.4	Extremely fresh, unaltered, virtually unfractured (quartz, hornblende, biotite) granodiorite.
G0558319		259.42	262.92	3.5	Highly altered/fractured intrusive. Manganese/limonite stained. Localized montmorillonite alteration. Clay vein band at beginning of zone. Hematite stained bands (x2) in zone, 10cm wide. Dark manganese staining around bands.
G0558320		262.92	263.42	0.5	Highly altered/fractured intrusive. Manganese/limonite stained. Localized montmorillonite alteration.
G0558321		263.42	263.92	0.5	Hemitite stained band. Minor goethite stained intrusive hosting semi-massive arsenopyrite and sphalerite with pervasive pyrite. True width is 47cm. 140/68. Some rocks are limonite altered throughout.
G0558322		263.92	264.42	0.5	Altered/fractured manganese/limonite stained intrusive hosting clay vein material in fractures. Limonite alteration. Light brown colour.
G0558323		264.42	266.72	2.3	Altered/fractured, manganese/limonite stained intrusive hosting clay vein in fractures. Limonite altered. Light brown colour.
G0558324		266.72	275.52	8.8	Fresh (quartz, hornblende, biotite) granodiorite. Localized clay alteration. Bands of very competent rock.
G0558325		275.52	280.52	5	Highly altered/fractured, manganese/limonite stained, lots of hematite/goethite stained sections, limonite altered. Localized montmorillonite alteration. Sandy texture in fractures, lots of quartz in rocks.
G0558326		280.52	285.52	5	Highly altered/fractured, manganese/limonite stained, lots of hematite/goethite stained sections, limonite altered. Localized montmorillonite alteration. Sandy texture in fractures, lots of quartz in rocks.

Sample Number	Direction	From	To	Interval	Description
G0557789		285.52	290.52	5	Highly altered/fractured, manganese/limonite stained, lots of hematite/goethite stained sections, limonite altered. Localized montmorillonite alteration. Sandy texture in fractures, lots of quartz in rocks.
G0558327		290.52	300.52	10	Limonite/manganese stained fractures. Fresh (quartz, hornblende, biotite) granodiorite with hematite and clay alteration. Thin areas in few fractures.
G0558328		300.52	305.52	5	Limonite/manganese stained fractures. Fresh (quartz, hornblende, biotite) granodiorite with hematite and clay alteration. Thin areas in few fractures.
G0558329		305.52	307.52	2	Manganese/limonite stained, altered/moderately fractured intrusive. Localized hematite staining. Large rocks are fresh (biotite, quartz, hornblende) granodiorite.
G0558330		307.52	308.95	1.43	limonite/manganese stained, localized goethite/hematite staining, highly altered/fractured. Limonite altered rocks. Some clay/montmorillonite alteration.
G0558331		308.95	309.65	0.7	Manganese/limonite stained/altered, competent granodiorite.
G0558332		309.65	310.15	0.5	Limonite altered band surrounded by goethite and clay altered bands. (like others with arsenopyrite/galena (no sulphides in this one)).
G0558333		310.15	320.15	10	Very fresh (quartz, biotite, hornblende) granodiorite.
G0558334		320.15	322.25	2.1	Manganese/limonite stained, moderately fractured granodiorite.
G0558335		322.15	322.87	0.72	Highly altered/fractured, hematite stained, limonite stained intrusive. Gray quartz clasts. Fragments of limonite altered intusive.
G0558336		322.87	325.67	2.8	Highly altered/fractured, hematite stained, limonite stained intrusive. Gray quartz clasts. Fragments of limonite altered intusive.
G0558337		325.67	335.67	10	Fresh (biotite, quartz, hornblende) granodiorite with very little fractures.
G0558338		335.67	340.27	4.6	Fresh (biotite, quartz, hornblende) granodiorite with very little fractures.
G0558339		340.27	342.62	2.35	Highly altered/fractured, manganese/limonite stained intrusive with large granodiorite rocks. Localized montmorillonite alteration. Hemitite staining.
G0558340		342.62	345.62	3	Highly altered, mananese/limonite stained, extremely fractured intrusive. Localized montmorillonite alteration. Sandy texture. Limonite altered rock fragments.
G0558341		345.62	346.42	0.8	Highly altered, mananese/limonite stained, extremely fractured intrusive. Localized montmorillonite alteration. Sandy texture. Limonite altered rock fragments. Lots of hematite staining. Footwall.
G0558342		346.42	347.34	0.92	Two hematite veins (3cm wide) hosting galena blebs and hosted in a limonite altered, goethite/limonite stained, highly fractured intrusive. 148/74.
G0558343		347.34	347.84	0.5	Limonite altered, highly fractured, limonite stained intrusive. Hanging wall.
G0558344		347.84	354.84	7	Some limonite stained fresh (biotite, quartz, hornblende) granodiorite.
G0558345		354.84	355.34	0.5	Highly altered/fractured, limonite/hematite stained intrusive. Gray clay vein in fractures. Limonite altered rocks. Footwall.

Sample Number	Direction	From	To	Interval	Description
G0558346		355.34	356.04	0.7	Hemitite stained, intensly altered/fractured intrusive hosting a 6cm milky quartz vein with pervasive pyrite/sphalerite. 144/85.
G0558347		356.04	356.54	0.5	Manganese/limonite stained (biotite, hornblende, quartz,) Granodiorite. Hanging wall.
G0558348		356.54	366.54	10	Manganese/limonite stained (biotite, hornblende, quartz,) Granodiorite.
G0558349		366.54	369.74	3.2	Manganese/limonite stained (biotite, hornblende, quartz,) Granodiorite.
G0558350		369.74	370.24	0.5	Hemitite/limonite stained, highly altered/fractured intrusive. Sandy texture. Limonite altered rock fragments.
G0558351		370.24	380.24	10	Fresh (quartz, hornblende, biotite) granodiorite. Manganese/limonite stained (minor). Some calcite veins.
G0558352		380.24	390.24	10	Fresh (quartz, hornblende, biotite) granodiorite. Manganese/limonite stained (minor). Some calcite veins.
G0558353		390.24	394.24	4	Manganese/limonite stained/altered, moderately fractured intrusive with highly altered, sandy textured intrusive between rocks.
G0558354		394.24	396.54	2.3	Highly altered/fractured, manganese/limonite stained intrusive. Sandy texture.
G0558355		396.54	398.24	1.7	Manganese/limonite stained, altered/moderately fractured intrusive with highly altered/fractured intrusive (sandy texture) between rocks.
G0558356		398.24	400.44	2.2	Limonite stained, highly altered/fractured intrusive. Localized weak hematite staining. Clay vein material in some fractures. Quartz feldspar dyke fragments. Milky quartz fragments (bull looking).
G0558357		400.44	401.04	0.6	Fresh, competent (biotite, hornblende, quartz) granodiorite. Limonite stained.
G0558358		401.04	401.54	0.5	Hematite stained, highly altered/fractured bands. Localized goethite staining.
G0558359		401.54	404.84	3.3	(biotite, hornblende, quartz) granodiorite. Some chlorite staining.
G0558360		404.84	405.84	1	Limonite/manganese stained, highly altered intrusive. Sandy texture. Localized hematite staining. footwall.
G0558361		405.84	407.14	1.3	Clay vein zone. Hematite stained (localized white alteration) quartz feldspar dyke fragments. 124/70 soloflucted.
G0558362		407.14	408.14	1	Moderately fractured, limonite/manganese stained/altered intrusive with lots of clay alteration in fractures.
G0558363		408.14	415.14	7	Manganese/limonite stained, competent granodiorite (quartz, biotite, hornblende).
G0558364		415.14	417.14	2	Highly altered/fractured, manganese/limonite stained. Localized hematite staining. Montmorillonite alteration. Sandy texture. Intrusive.
G0558365		417.14	418.14	1	Clay vein zone. Montmorillonite alteration. White altered lenses (weak). Quartz feldspar dyke fragments.
G0558366		418.14	419.74	1.6	Broken manganese/limonite stained granodiorite with clay alteration in fractures. Some limonite altered zones.

Sample Number	Direction	From	To	Interval	Description
G0558367		419.74	423.74	4	Broken manganese/limonite stained granodiorite with clay alteration in fractures. Some limonite altered zones.
G0558368		423.74	425.94	2.2	Highly altered/fractured limonite stained intrusive. Sandy texture. Localized hematite staining. Goethite stained limonite altered fragments.
G0558369		425.94	426.94	1	Goethite/limonite stained intrusive. Highly altered/fractured. Serisite alteration. Footwall.
G0558370		426.94	429.24	2.3	Yellow stained quartz feldspar dyke. Sulphide pitted, highly fractured clay vein in fractures. Serisite alteration. Gray quartz clasts. White clay vein lenses.
G0558371		429.24	430.44	1.2	Yellow stained quartz feldspar dyke. Sulphide pitted, highly fractured clay vein in fractures. Serisite alteration. Gray quartz clasts. White clay vein lenses.
G0558372		430.44	432.04	1.6	Dry clay vein zone. Quartz feldspar dyke fragments. Localized hematite staining. Highly altered/fractured. Goethite stained bands.
G0558373		432.04	433.64	1.6	Highly fractured quartz feldspar dyke. Clay vein in fractures. Sulphide pitted. Gray quartz clasts.
G0558374		433.64	434.64	1	Highly altered/fractured, manganese/limonite stained intrusive. Sandy texture in fractures. Some montmorillonite alteration. Hanging wall.
G0558375		434.64	436.64	2	Highly altered/fractured, manganese/limonite stained intrusive. Sandy texture in fractures. Some montmorillonite alteration. Hanging wall.
G0558376		436.64	437.89	1.25	Dry clay vein zone. Montmorillonite alteration. Localized goethite staining. Some gray clay vein material. Limonite altered fragments.
G0558377		437.89	439.49	1.6	Manganese/limonite stained (biotite, hornblende, quartz) granodiorite.
G0558378		439.49	443.29	3.8	Highly altered/fractured, manganese/limonite stained intrusive. Two goethite stained bands. Localized montmorillonite alteration. Rock fragments of stealth fighter fracture, limonite altered Intrusive.
G0558379		443.39	444.89	1.5	(Quartz, biotite, hornblende) limonite stained granodiorite with pods of fine grained granodiorite.
G0558380		444.89	446.72	1.83	Highly altered manganese/limonite stained, highly fractured intrusive.
G0558381		446.72	454.72	8	Granodiorite
G0558382		454.72	455.52	0.8	Hematite/limonite altered/stained. Localized montmorillonite alteration. Highly fractured intrusive hosting galena blebs.
G0558383		455.52	458.62	3.1	Granodiorite
G0558384		458.62	461.42	2.8	Highly altered/fractured, manganese/limonite stained intrusive. Localized montmorillonite alteration. Clay alteration in fractures. Localized hematite staining.
G0558385		461.42	463.42	2	Highly altered/fractured, manganese/limonite stained intrusive. Localized montmorillonite alteration. Clay alteration in fractures. Localized hematite staining.

Sample Number	Direction	From	To	Interval	Description
G0558386		463.42	466.42	3	Highly altered/fractured, manganese/limonite stained intrusive. Localized montmorillonite alteration. Clay alteration in fractures. Localized hematite staining.
G0558387		466.42	467.42	1	Limonite altered, localized goethite stained, highly fractured intrusive.
G0558388		467.42	470.72	3.3	(quartz, biotite, hornblende) fresh granodiorite.
G0558389		470.72	472.72	2	Montmorillonite altered, hematite stained, highly fractured intrusive. Some manganese/limonite staining.
G0558390		472.72	475.72	3	Montmorillonite altered, hematite stained, highly fractured intrusive. Some manganese/limonite staining.
G0558391		475.72	476.82	1.1	Limonite altered, highly fractured intrusive hosting localized goethite staining with a few galena stringers. <<1cm.
G0558392		476.82	478.96	2.14	Montmorillonite altered, hematite stained, highly fractured intrusive. Limonite altered, goethite stained rock fragments.
G0558393		478.96	483.96	5	Manganese/limonite stained, highly altered/fractured intrusive hosting localized montmorillonite alteration. Goethite and hematite staining. Large rocks grades to quartz feldspar porphyry centers. Smaller rocks are limonite altered throughout. Clay alteration in fractures.
G0558394		483.96	488.96	5	Manganese/limonite stained, highly altered/fractured intrusive hosting localized montmorillonite alteration. Goethite and hematite staining. Large rocks grades to quartz feldspar porphyry centers. Smaller rocks are limonite altered throughout. Clay alteration in fractures.
G0558395		488.96	491.96	3	Manganese/limonite stained, highly altered/fractured intrusive hosting localized montmorillonite alteration. Goethite and hematite staining. Large rocks grades to quartz feldspar porphyry centers. Smaller rocks are limonite altered throughout. Clay alteration in fractures.
G0558396		491.96	493.96	2	Manganese/limonite stained, highly altered/fractured intrusive hosting localized montmorillonite alteration. Goethite and hematite staining. Large rocks grades to quartz feldspar porphyry centers. Smaller rocks are limonite altered throughout. Clay alteration in fractures.
G0558397		493.96	495.91	1.95	Limonite altered, goethite stained intrusive. Highly fractured clay vein material (weak) in some fractures.
G0558398		495.91	500.54	4.63	Granodiorite. Highly altered/fractured. Sandy textured intrusive in between rocks. Goethite stained.
G0558399		500.54	502.29	1.75	Highly altered/fractured manganese/limonite stained intrusive. Montmorillonite alteration. Goethite staining. Limonite altered fragments.
G0558400		502.29	503.29	1	Goethite stained. More competent intrusive. Clay vein material in fractures. Localized clay alteration.

Sample Number	Direction	From	To	Interval	Description
G0558404		503.29	507.39	4.1	Limonite/goethite stained intrusive. Limonite altered throughout.
G0558405		507.39	508.39	1	Limonite/goethite stained intrusive. Limonite altered throughout. Footwall.
G0558406		508.39	509.39	1	Limonite/goethite stained. Highly fractured/altered intrusive. Clay vein in fractures.
G0558407		509.39	513.19	3.8	Highly fractured Quartz feldspar dyke. Sulphide pitted. Clay vein material in fractures. Milky quartz fragments in dyke. Some sphalerite development on milky quartz chunks.
G0558408		513.19	515.19	2	Clay vein zone. Goethite stained zones. Dyke fragments. Sulphide pitted. Quartz veinlets.
G0558409		515.19	516.19	1	Limonite stained, breccia style intrusive zone. Clay vein material in fractures.
G0558410		516.19	517.23	1.04	Limonite/goethite stained intrusive. Limonite altered throughout. Footwall. Larger fragments goethite stained.
G0558411		517.23	522.23	5	Quartz feldspar dyke. Manganese/limonite stained. Sulphide pitted.
KL/TR/10/11					
G0558412		0	5	5	Extremely altered/fractured, manganese/limonite stained intrusive. More competent areas are dark manganese stained. Local areas with clay vein material (red rust colour) in fractures.
G0558413		5	10	5	Extremely altered/fractured, manganese/limonite stained intrusive. More competent areas are dark manganese stained. Local areas with clay vein material (red rust colour) in fractures.
G0558414		10	15	5	More clay development in fractures. Extremely altered/fractured, manganese/limonite stained intrusive. More competent areas are dark manganese stained. Local areas with clay vein material (red rust colour) in fractures.
G0558415		15	20	5	Etremely altered/fractured, manganese/limonite stained intrusive. Localized small zone of clay vein material. Quartz clasts in zone. Clay alteration in fractures.
G0558416		20	25	5	Manganese/limonite stained, blocky, highly altered stealth fighter fractured intrusive. Clay vein alteration in fractures. Grades into same material much more fractured. Dark manganese stained.
G0558417		25	30	5	Highlt altered/fractured manganese/limonite stained intrusive. Zones of competent large manganese stained quartz feldspar porphyry rocks hosting disseminated pyrite. Bluish/gray colour. Extremely highly fractured intrusive in fractures. Grey quartz clasts.
G0558418		30	35	5	Extremely altered/fractured, manganese/limonite stained intrusive. Clay alteration in fractures rarely grading to weak clay vein material. Rock fragments are darkly manganese stained. Red rust colour.

Sample Number	Direction	From	To	Interval	Description
G0558419		35	40	5	Extremely altered/fractured, manganese/limonite stained intrusive. Clay alteration in fractures rarely grading to weak clay vein material. Rock fragments are darkly manganese stained. Red rust colour.
G0558420		40	45	5	Extremely altered/fractured, manganese/limonite stained intrusive. Clay alteration in fractures rarely grading to weak clay vein material. Rock fragments are darkly manganese stained. Red rust colour.
G0558421		45	50	5	Altered/moderately fractured, large angular manganese/goethite stained granodiorite with highly altered/fractured intrusive from 8418 in fractures.
G0558422		50	55	5	Altered/moderately fractured, large angular manganese/goethite stained granodiorite with highly altered/fractured intrusive from 8418 in fractures.
G0558423		55	60	5	Altered/moderately fractured, large angular manganese/goethite stained granodiorite with highly altered/fractured intrusive from 8418 in fractures. Grading into highly altered/fractured, limonite/manganese stained intrusive. Clay alteration in fractures. Localized clay vein material.
G0558424		60	65	5	Highly altered/fractured, manganese/limonite stained intrusive. Clay alteration/vein material in fractures. Localized zones of more competent, blocky intrusive. Red rust colour.
G0558425		65	70	5	Highly altered/fractured, manganese/limonite stained intrusive. Clay alteration/vein material in fractures. Localized zones of more competent, blocky intrusive. Red rust colour.
G0558426		70	75	5	Extremely fractured/altered, manganese/limonite stained intrusive with clay alteration in fractures. Zones of goethite stained large granodiorite rocks. Very minor localized hematite staining.
J999500		75	80	5	Extremely altered/fractured, manganese/limonite stained intrusive. Sandy texture. Clay altered/vein material in fractures. Red rust colour.
J999501		80	85	5	Extremely altered/fractured, manganese/limonite stained intrusive. Sandy texture. Clay altered/vein material in fractures. Red rust colour.
J999502		85	90	5	Extremely altered/fractured, manganese/limonite stained intrusive. Sandy texture. Clay altered/vein material in fractures. Red rust colour.
J999503		90	95	5	Extremely altered/fractured, manganese/limonite stained intrusive. Sandy texture. Clay altered/vein material in fractures. Red rust colour. Localized weak montmorillonite alteration.
J999504		95	100	5	Very red coloured, highly altered/fractured, limonite/manganese stained intrusive with goethite stained blebs. Clay gouge in fractures. Some areas host more competent, goethite stained rock fragments.

Sample Number	Direction	From	To	Interval	Description
J999505		100	105	5	Very red coloured, highly altered/fractured, limonite/manganese stained intrusive with goethite stained blebs. Clay gouge in fractures. Some areas host more competent, goethite stained rock fragments.
J999506		105	110	5	Extremely altered/fractured, manganese/limonite stained intrusive. Clay alteration/vein material in fractures. Sections of more competent intrusive.
J999507		110	115	5	Extremely altered/fractured, manganese/limonite stained intrusive. Clay alteration/vein material in fractures. Sections of more competent intrusive.
J999508		115	120	5	Highly altered/fractured, manganese/limonite stained intrusive. Clay vein in some fractures. Goethite stained smaller rock fragments. Limonite alteration in some fractures.
J999509		120	123	3	Manganese/limonite stained/altered, moderately fractured, competent, bluish tinge granodiorite hosting pyrite blebs. Greyish clay vein material in fractures (minor).
J999510		123	128	5	Highly alteed/fractured, manganese/limonite stained intrusive. Some competent granodiorite rock fragments. Localized clay altered zones. Sandy textured area is red rust stained.
J999511		128	133	5	Highly alteed/fractured, manganese/limonite stained intrusive. Some competent granodiorite rock fragments. Localized clay altered zones. Sandy textured area is red rust stained.
J999512		133	138	5	Limonite/manganese stained, competent, altered/moderately fractured granodiorite with disseminated pyrite. Clay vein (red rust colour) in fractures.
J999513		138	141	3	Highly altered/fractured, manganese/limonite stained intrusive. Minor localized montmorillonite alteration. Very minor goethite staining.
J999514		141	144.5	3.5	Highly altered/moderately fractured, manganese/limonite stained intrusive. Sandy texture in fractures.
J999515		144.5	146.6	2.1	Intensly altered/fractured, limonite/hemitite/goethite stained. Clay altered zones. Limonite altered rock fragments.
J999516		146.6	147.6	1	Goethite stained altered, more competent intrusive at front of zone grading into highly altered/fractured, manganese/limonite stained intrusive. Limonite alteration in fractures.
J999517		147.6	148.6	1	Weak clay vein zone. Whitish colour throughout most of zone. Hosts quartz feldspar dyke fragments and gray quartz clasts. 141/50.
J999518		148.6	150.9	2.3	Highly altered/fractured, limonite/manganese/goethite stained intrusive. Weak localized montmorillonite alteration some hematite stained pods.
J999519		150.9	151.9	1	Clay vein zone (yellow-orange colour). Very little quartz feldspar dyke fragments. 150/66.

Sample Number	Direction	From	To	Interval	Description
J999520		151.9	153.1	1.2	Stealth fighter gouge, limonite altered/goethite stained intrusive. Blocky. Moderately fractured.
J999521		153.1	158.1	5	Highly altered/fractured, manganese/limonite stained intrusive. Some zones more competent. Small localized breccia areas. Weak clay alteration in fractures.
J999522		158.1	163.1	5	Highly altered/fractured, manganese/limonite stained intrusive. Some zones more competent. Small localized breccia areas. Weak clay alteration in fractures.
J999523		163.1	168.1	5	Manganese/limonite stained, highly altered/fractured intrusive. Some bands of more competent rock. Sandy texture in fractures.
J999524		168.1	169.7	1.6	limonite stained breccia zone with highly altered/fractured intrusive in between.
J999525		169.7	174.55	4.85	Limonite /manganese stained, competent, moderately fractured (biotite, quarttz, hornblende) granodiorite.
J999526		174.55	175.75	1.2	Limonite /manganese stained, competent, moderately fractured (biotite, quarttz, hornblende) granodiorite.
J999527		175.75	177.15	1.4	Limonite/manganese stained breccia zone. Localized montmorillonite alteration. Goethite stained sections. Sandy textured intrusive in fractures.
J999528		177.15	182.45	5.3	Manganese/limonite stained, competent, moderately fractured granodiorite.
J999529		182.45	185.45	3	Manganese/limonite stained, altered/highly fractured intrusive. Localized montmorillonite alteration. clay alteration in fractures. Some large limonite alteration. Dark manganese stained rocks.
J999530		185.45	188.15	2.7	Manganese/limonite stained, competent, moderately fractured granodiorite. 74/80.
J999531		188.15	190.25	2.1	Extremely altered/fractured, manganese/limonite stained intrusive. Clay gouge in fractures. Localized goethite/hematite staining. Red rust colour.
J999532		190.25	190.95	0.7	Goethite/hematite stained. Clay gouge type material. Quartz feldspar dyke fragments, lots of sand sized intrusive fragments.
J999533		190.95	191.95	1	Weak hematite staining. Limonite stained. Weak clay vein zone. Quartz feldspar dyke fragments. Lots of sand sized intrusive fragments.
J999534		191.95	194.95	3	Limonite altered/goethite stained, blocky fractured intrusive. Extremely altered/fractured. Intrusive in fractures. Weak chlorite staining in localized zones.
J999535		194.95	195.95	1	Highly altered/fractured, manganese/limonite stained intrusive. Clay vein material in fractures. Footwall.
J999536		195.95	196.75	0.8	Clay vein zone. Seresite altered. White clay vein lenses. Sulphide pitted quartz feldspar dyke fragments. Localized weak hematite staining.
J999537		196.75	197.35	0.6	Extremely altered/fractured intrusive. Quartz feldspar dyke fragments present. Limonite stained. Clay vein material in fractures.
J999538		197.35	198.55	1.2	Dark, intensly hematite/goethite stained banded area. Highly altered/fractured intrusive. Fragments are limonite altered.

Sample Number	Direction	From	To	Interval	Description
J999539		198.55	199.55	1	Manganese/Limonite stained highly altered/fractured intrusive. Hanging wall.
J999540		199.55	200.55	1	Extremely altered/fractured limonite stained intrusive. Lots of clay vein material present. Quartz feldspar dyke fragments. Footwall.
J999541		200.55	202.55	2	Clay vein zone. Yellow colour. Quartz feldspar dyke fragments. Localized weak Hematite staining. 147/80.
J999542		202.55	203.55	1	Limonite/goethite stained, highly altered/fractured intrusive. Clay alteration in fractures. Localized montmorillonite alteration. Hanging wall.
J999543		203.55	204.95	1.4	Clay vein zone. Yellow colour. Quartz feldspar dyke fragments. Localized weak Hematite staining.
J999544		204.95	205.65	0.7	Intensly Hematite stained band. Limonite altered. intrusive. Highly fractured/altered. 122/sub-vertical.
J999545		205.65	206.55	0.9	Manganese/Limonite stained, Limonite altered, moderately fractured, blocky intrusive.
J999546		206.55	208.35	1.8	Limonite stained, highly altered/fractured, sandy texture intrusive. Clay vein in fractures.
J999547		208.35	213.35	5	Limonite/manganese stained. Highly altered/fractured intrusive. Sandy texture in fractures. Larger fragments are darkly manganese stained.
J999548		213.35	217	3.65	Limonite stained. Highly altered/fractured. Sandy texture intrusive. Clay vein material in fractures.
J999549		217	217.5	0.5	Limonite/manganese stained. Highly altered/fractured intrusive. Sandy texture in fractures. Larger fragments are darkly manganese stained. Footwall.
J999550		217.5	220.3	2.8	Clay vein zone. Bright yellow/gold colour with white lenses. Some seresite alteration (weak). Localized Hematite staining. Moose shit gouge near top. Goethite stained blebs at end of zone. 137/65 (soloflucted?).
J999551		220.3	221.3	1	Extremely altered/fractured, limonite/manganese stained intrusive. Clay vein in fractures. Localized montmorillonite alteration. Hanging wall.
J999552		221.3	224.5	3.2	Goethite/limonite stained, Highly altered/fractured intrusive.
J999553		224.5	225	0.5	Hematite stained band. Highly altered/fractured intrusive. Dark/intense hematite staining.
J999554		225	227.47	2.47	Limonite/goethite stained. Intensly altered/fratured intrusive. Dark colour. Some larger goethite stained pieces.
J999555		227.47	229.67	2.2	Very dark hematite stained, goethite stained intrusive bands. Clay vein zones in between bands. 120/68.
J999556		229.67	231.47	1.8	Clay vein zone mixed with hematite/goethite stained clasts. Some quartz feldspar dyke fragments.

Sample Number	Direction	From	To	Interval	Description
J999557		231.47	235.57	4.1	Highly altered/fractured, goethite/limonite stained intrusive. Localized clay vein zones and hematite staining. Clay vein material in fractures. (sampled east wall due to large slump).
J999558		235.57	240.57	5	Manganese/limonite stained, highly altered/fractured intrusive. Localized montmorillonite alteration. Zones of more competent blocky intrusive.
J999559		240.57	242.07	1.5	Highly altered/fractured, goethite/limonite stained intrusive. Localized clay vein zones and hematite staining. Clay vein material in fractures.
J999560		242.07	243.57	1.5	Clay vein zone. Gold/yellow colour. Some intrusive fragments (few). May be displaced along 050 fault. 50/75.
J999561		243.57	244.57	1	Highly altered/fractured, manganese/limonite stained intrusive. Hanging wall.
J999562		244.57	249.57	5	Competent manganese/limonite stained granodiorite. Fractures at 050/80.
J999563		249.57	254.57	5	Highlt altered/fractured, manganese/limonite stained intrusive.
J999564		254.57	264.57	10	Manganese/limonite stained (quartz, biotite, hornblende) granodiorite. Competent.
J999565		264.57	274.57	10	Manganese/limonite stained (quartz, biotite, hornblende) granodiorite. Competent.
J999566		274.57	281.27	6.7	Manganese/limonite stained (quartz, biotite, hornblende) granodiorite. Competent.
J999567		281.27	282.07	0.8	Manganese/limonite stained, highly altered/fractured, breccia style intrusive. Sandy texture in fractures.
J999568		282.07	287.97	5.9	Limonite stained, competent (quartz, biotite, hornblende) granodiorite.
J999569		287.97	291.67	3.7	Granodiorite with zones of more fractured/altered, limonite/manganese stained intrusive. Semi-breccia style.
J999570		291.67	301.67	10	Competent granodiorite (quartz, biotite, hornblende).
J999571		301.67	306.67	5	Limonite stained/altered (biotite, quartz, hornblende) granodiorite. Moderately fractured. Sandy texture in fractures. A 2cm wide galena/sphalerite vein @ 150/78.
J999572		306.67	311.67	5	Competent granodiorite (quartz, biotite, hornblende).
J999573		311.67	316.67	5	Competent granodiorite (quartz, biotite, hornblende).
J999574		316.67	321.67	5	Competent granodiorite (quartz, biotite, hornblende).
J999575		321.67	325.42	3.75	Competent granodiorite (quartz, biotite, hornblende). Montmorillonite altered zones.
J999576		325.42	326.62	1.2	Manganese/limonite stained. Highly altered/fractured intrusive. Breccia style. Localized goethite staining.
J999577		326.62	333.12	6.5	Manganese/limonite stained. Highly altered/fractured intrusive. Sandy texture. Localized breccia style.
J999578		333.12	339.72	6.6	Competent granodiorite (quartz, biotite, hornblende). Localized montmorillionite alteration.
J999579		339.72	341.91	2.19	Fresh (biotite, quartz, hornblende) granodiorite. Minor limonite staining. Increasing fractures and limonite alteration as approaching sheared zones.
J999580		341.91	344.16	2.25	Highly sheared and broken limonite stained granodiorite.

Sample Number	Direction	From	To	Interval	Description
J999581		344.16	345.16	1	
J999582		345.16	345.97	0.81	
J999583		345.97	346.6	0.63	Strongly fractured dyke hosting veinlets of milky quartz.
J999584		346.6	347.05	0.45	Hanging wall. Clay vein. Yellow.
J999585		347.05	352.05	5	
J999586		352.05	360.1	8.05	Fairly broken and rubbly granodiorite. Minor montmorillionite alteration. Localized limonite staining.
J999587		360.1	365	4.9	Limonite altered granodiorite.
J999588		365	366	1	Limonite/goethite stained vein material (banded and broken).
J999589		366	367.55	1.55	Fairly broken, limonite altered granodiorite.
J999590		367.55	368.05	0.5	Footwall of large vein. Sample consists of highly fractured, montmorillionite altered material
J999591		368.05	369.35	1.3	Alternating yellow/orange banded vein hosting crushed quartz and pods of quartz carbonate material.
J999592		369.35	370.7	1.35	Alternating yellow/orange banded clay vein hosting crushed quartz and pods of quartz carbonate material. 151/53.
J999593		370.7	371.6	0.9	Hanging wall. Granodiorite with a narrow, 21cm clay vein zone parallel to the main vein.
J999594		Blank			
J999595		371.6	376.6	5	Competent granodiorite. Very narrow (0.05m wide carbonate quartz vein hosting disseminated galena/pyrite/sphalerite).
J999596		376.6	381.6	5	Competent granodiorite.
J999597		Plata Standard			
J999598		381.6	386.6	5	Granodiorite.
J999599		386.6	391.6	5	Granodiorite.
J999600		391.6	396.6	5	Granodiorite.
J999601		396.6	399.6	3	Granodiorite hosting narrow veinlets of grey milky quartz veins. Fractures host limonite staining.
J999602		399.6	402.6	3	Granodiorite with local pody manganese staining. Limonite staining on fractures.
J999603		402.6	405.6	3	Granodiorite with local pody manganese staining. Limonite staining on fractures.
J999604		405.6	410.6	5	Broken sheared granodiorite.
J999605		410.6	415.6	5	Fresh granodiorite hosting narrow (15cm) zones of montmorillonite altered granodiorite.
J999606		415.6	421.62	6.02	Fresh granodiorite hosting narrow (15cm) zones of montmorillonite altered granodiorite.

Sample Number	Direction	From	To	Interval	Description
J999607		421.62	426.62	5	Granodiorite hosting limonite altered veinlets (1-2/m) and bands of limonite altered granodiorite.
J999608		426.62	429.46	2.84	Fresh granodiorite with local zones of shearing, resulting in narrow (20cm) montmorillonite altered envelopes.
J999609		429.46	432.46	3	Blocky granodiorite.
J999610		432.46	436.66	4.2	Localized sections of manganese/goethite/limonite stained granodiorite.
J999611		436.66	437.66	1	Manganese/goethite/limonite stained granodiorite hosting a 6cm wide quartz carbonate vein hosting disseminated pyrite/galena/sphalerite/tetrahedryte?. Local copper (malachite/azurite) precipitation. 139/38.
J999612		437.66	440.66	3	Locally manganese/limonite stained granodiorite.
J999613		440.66	443.66	3	
J999614		443.66	446.66	3	
J999615		446.66	448.91	2.25	
J999616		448.91	449.43	0.52	Minor vein blowout where a 160 structure meets a 045 structure.
J999617		449.43	451.85	2.42	Fairly competent granodiorite. Light manganese staining on all fractures.
J999618		451.85	453.34	1.49	Strongly sheared footwall contact with vein zone.
J999619		453.34	454.34	1	Yellow/orange clay vein hosting crushed quartz as well as colloform and pitted quartz stringers.
J999620		454.34	455.84	1.5	Yellow-orange clay vein.
J999621		455.84	457.34	1.5	Yellow-orange clay vein.
J999622		457.34	458.31	0.97	Yellow-orange clay vein.
J999623		458.31	459.56	1.25	Hanging wall of vein. Strongly limonite altered/fractured stained granodiorite. 1 narrow clay vein zone at 460.31m.
J999624		459.56	464.56	5	Gray, heavily fractured dyke hosting rounded, small quartz phenocrysts hosted in a gray aphanitic groundmass.
J999625		464.56	467.76	3.2	Gray, heavily fractured dyke hosting rounded, small quartz phenocrysts hosted in a gray aphanitic groundmass.
J999626		467.76	468.39	0.63	Chilled margin of host granodiorite or vein along dyke contact. Extremely broken into very small pieces.
J999627		468.39	470.41	2.02	Strongly limonite/goethite stained granodiorite.
J999628		470.41	472.86	2.45	
KL/TR/10/12					
J999250	South	0	0.5	0.5	Hanging wall. Fresh granodiorite (pinkish/blueish) 110/52. Patches of disseminated pyrite.
J999251	South	0.5	2.2	1.7	Granodiorite, highly limonite/clay altered. Local montmorillonite alteration. Footwall.

Sample Number	Direction	From	To	Interval	Description
J999252	South	2.2	3	0.8	Limonite/hematite/manganese/goethite clay vein hosting massive galena. Highly fractured. Quartz crystals present. Disseminated pyrite/sphalerite.
J999253	South	3	4	1	Highly fractured, limonite/montmorillonite altered with hemitite/manganese staining.
J999254	South	4	5.1	1.1	Highly fractured, limonite/montmorillonite altered with hemitite/manganese staining.
J999255	South	5.1	6	0.9	Highly fractured, limonite/montmorillonite altered with hemitite/manganese staining.
J999256	South	6	8.8	2.8	Mafic rich granodiorite. Mostly competent, blocky. Limonite altered in fractures.
J999257	South	8.8	10.6	1.8	Highly fractured granodiorite. Weakly competent. High in mafics. Strong Limonite alteration in fractures. Weak hematite/manganese staining.
J999258	South	10.6	11.4	0.8	Manganese/limonite clay vein. Intense manganese/limonite alteration of granodiorite. Montmorillionite alteration. Fractures at 110/48.
J999259	South	11.4	13	1.6	Granodiorite, highly montmorillionite/limonite altered. Moderate manganese staining. Hosting disseminated pyrite.
J999260	South	13	15.7	2.7	Granodiorite. Highly limonite/montmorillionite altered. Highly fractured. Weak manganese staining.
J999261	South	15.7	16.3	0.6	Footwall. Granodiorite. Highly fractured limonite/hematite/manganese/weak Scorodite staining. Weak montmorillionite alteration.
J999262	South	16.3	17.6	1.3	Granodiorite. Highly limonite/hematite altered. Highly fractured. Limonite/manganese staining on fractures.
J999263	South	17.6	20	2.4	Granodiorite. Highly limonite/hematite altered. Highly fractured. Limonite/manganese staining on fractures.
J999264	South	20	22.5	2.5	Granodiorite. Highly limonite/hematite altered. Highly fractured. Limonite/manganese staining on fractures.
J999265	South	22.5	23.6	1.1	Granodiorite. Clay/limonite in fractures. Weak limonite/hematite/manganese staining on fractures. Pink phenocrysts.
J999266	South	23.6	30.6	7	Granodiorite with montmorillonite alteration. Limonite/clay alteration in fractures. Weak hematite.
J999267	South	30.6	34.1	3.5	Granodiorite with intense montmorillonite/limonite alteration. Weak hematite/manganese stained stringers. Footwall. 012/60.
J999268	South	34.1	35.5	1.4	Granodiorite with intense montmorillonite/limonite alteration. Weak hematite/manganese stained stringers.
J999269	South	35.5	40.5	5	Granodiorite with intense montmorillonite/limonite alteration. Weak hematite/manganese stained stringers.
J999270	South	40.5	45.5	5	Strongly fractured, limonite altered granodiorite. Variable 5cm limonite stringers (quartz/calcite). Weak hematite staining.
J999271	South	45.5	47	1.5	Blocky Competent granodiorite. Limonite/clay on Fracture surfaces. Weak hematite/manganese stainging on fractures. Disseminated pyrite.

Sample Number	Direction	From	To	Interval	Description
J999272	South	47	48.17	1.17	Patches of montmorillonite alteration. associated with limonite staining. Highly fractured intrusive. Weak hematite/manganese staining.
J999273	South	48.17	52.67	4.5	Blocky competent granodiorite. Limonite alteration on fractures. Weak hematite staining. Blue/Pink colour.
J999274	South	52.67	53.67	1	Granodiorite. Extremely limonite/hematite stained. Moderately competent. Patches of chlorite alteration.
J999275	South	53.67	54.97	1.3	Granodiorite. Fresh with some limonite staining in fractures. Hanging Wall. 098/78.
J999276	South	54.97	55.97	1	Granodiorite. Manganese/limonite/hematite stained. Clay vein (weak). Montmorillionite altered. Disseminated pyrite/sphalerite? Footwall.
J999277	South	55.97	57.77	1.8	Granodiorite. Fresh. Limonite on fractures. Disseminated pyrite. Weak hematite/manganese staining. Montmorillonite altered.
J999278	South	57.77	58.77	1	Granodiorite. Limonite/hematite/manganese stained. Vein of pyrite/sphalerite. Extremely fractured.
J999279	South	58.77	59.67	0.9	Granodiorite. Fresh with limonite stained fractures. Localized limonite/montmorillonite alteration. Hanging wall.
J999280	South	59.67	60.17	0.5	Footwall. 151/50. Hematite/limonite stained granodiorite.
J999281	South	Blank			
J999282	South	60.17	70.17	10	Granodiorite. Limonite altered on fractures. Blocky. Local white clay alteration. Weak hematite/montmorillonite alteration. Some Limonite stringers.
J999283	South	70.17	71.17	1	Granodiorite with intense montmorillonite/limonite/hematite alteration.
J999284	South	71.17	74.17	3	Granodiorite with limonite alteration/staining. Montmorillonite/hematite alteration. Extremely fractured.
J999285	South	74.17	75.97	1.8	Granodiorite with limonite alteration/staining. Montmorillonite/hematite alteration. Extremely fractured.
J999286	South	75.97	77.47	1.5	Granodiorite with limonite alteration/staining. Montmorillonite/hematite alteration. Extremely fractured.
J999287	South	77.47	80.47	3	Granodiorite with limonite alteration/staining. Montmorillonite/hematite alteration. Extremely fractured.
J999288	South	80.47	82.05	1.58	Granodiorite. Fresh (blue/pink). Limonite stained/altered.
J999289	South	82.05	84.65	2.6	Granodiorite with manganese/limonite vein at 110/50 (disseminated pyrite/sphalerite). Quartz fragments in vein.
J999290	South	84.65	86.2	1.55	Granodiorite with limonite on fractures. Major manganese/hematite/clay alteration. Competent unit.
J999291	South	86.2	87.25	1.05	Granodiorite. Montmorillonite altered. Limonite/hematite staining. Disseminated pyrite/sphalerite.

Sample Number	Direction	From	To	Interval	Description
J999292	South	87.25	88.75	1.5	Granodiorite. Montmorillonite altered. Limonite/hematite staining. Disseminated pyrite/sphalerite.
J999293	South	88.75	89.25	0.5	Granodiorite. Montmorillonite altered. Limonite/hematite staining. Disseminated pyrite/sphalerite. Hanging wall. 162/55.
J999294	South	89.25	90.25	1	Massive galena vein (20cm) in 64cm strongly hematite/limonite/manganese stained zone. Highly fractured/altered.
J999295	South	90.25	90.75	0.5	Granodiorite. Highly fractured with limonite/hematite and weak manganese staining. Disseminated pyrite in bluish/pinkish intrusive. Hanging Wall.
J999296	South	90.75	95.75	5	Fresh, competent, blocky granodiorite. Limonite staining in fractures. Weak hematite alteration. Weak montmorillonite alteration.
J999297	South	95.75	97.67	1.92	Hematite/manganese/limonite band. 040/50. Montmorillonite alteration. Hosted in Fresh granodiorite. Evident quartz crystals.
J999298	South	97.67	99.67	2	Fresh, competent, blocky granodiorite. Limonite staining in fractures. Weak hematite alteration. Weak montmorillonite alteration. Weak calcite stringers.
J999299	South	99.67	101.27	1.6	Granodiorite. Highly montmorillonite altered. Limonite stained. Disseminated pyrite.
J999071	South	101.27	102.91	1.64	Highly montmorillonite/limonite/hematite/manganese altered/stained granodiorite. 090/66. Vein hosts pyrite/sphalerite/galena.
J999072	South	102.91	105.21	2.3	Granodiorite. Weakly competent. Strong hematite/manganese/limonite staining. Local hematite/manganese development. Minor sphalerite.
J999073	South	105.21	107	1.79	Fresh, blocky granodiorite. Pink phenocrysts. Moderate limonite/hematite/manganese staining. Disseminated pyrite.
J999074	South	107	107.51	0.51	Fresh, blocky granodiorite. Pink phenocrysts. Moderate limonite/hematite/manganese staining. Disseminated pyrite.
J999075	South	107.51	108.31	0.8	Hanging wall. 014/12. 10cm galena vein in a 50cm zone of hematite/limonite/manganese stained intrusive. Some chlorite staining.
J999076	South	108.31	109.31	1	Blocky. Limonite/hematite stained fractures. Granodiorite. Weak montmorillonite/limonite/hematite alteration.
J999300	North	0	8.5	8.5	Highly altered/moderately fractured, limonite altered, manganese stained breccia containing abudant gray quartz clasts. Breccia hosts very thin limonite stringers. Slight purple colour in matrix. Minor calcite veins x3 at 71cm into the zone.
J999301	North	Standard			
J999302	North	8.5	9.5	1	Goethite/limonite stained breccia hosts bands of clay altered zones. Large 7cm calcite vein at end of zone. 2cm quartz veins hosts large crystals and limonite pits. Very little galena blebs. Limonite stringers hosting galena blebs. 100/70.

Sample Number	Direction	From	To	Interval	Description
J999303	North	9.5	11.4	1.9	Goethite/limonite stained, highly altered/fractured breccia zone. More competent zones host milky quartz veinlets. Limonite stringers host galena blebs. Abundant grey quartz clasts.
J999304	North	11.4	14.45	3.05	Goethite/limonite stained, highly altered/fractured breccia. Grey quartz clasts. Localized zones with clay alteration in fractures. Multiple 2cm calcite veins, thin hematite stringers along fractures. 182/80.
J999305	North	14.45	15.65	1.2	Highly altered/fractured intrusive. Montmorillonite altered. Clay altered zone hosts quartz clasts and biotite alteration. Localized hematite staining. 172/81.
J999306	North	15.65	20.35	4.7	Manganese/limonite stained, moderately fractured quartz feldspar porphyry hosting minor pyrite. Localized montmorillonite altered zones and some bands. Hematite staining. 172/81.
J999307	North	20.35	22.32	1.97	Lightly altered/competent (biotite, hornblende, quartz) granodiorite. Manganese/limonite stained.
J999308	North	22.32	25.12	2.8	Highly altered/fractured, goethite/limonite stained quartz feldspar porphyry with sulphide pitting. Bands of montmorillonite and clay altered zones. Minor limonite hematite stained stringers.
J999309	North	25.12	26.72	1.6	Intense goethite stained, limonite altered. Breccia hosting gray quartz clasts and minor pyrite crystals. Milky quartz veins and calcite veins run through zone. 098/69.
J999310	North	26.72	29.1	2.38	Highly altered/fractured, montmorillonite/clay altered with bands of more competent granodiorite zone. Manganese/limonite stained.
J999311	North	29.1	31.7	2.6	Manganese/limonite stained moderately fractured. Competent granodiorite. Lightly altered.
J999312	North	31.7	36	4.3	Highly altered/fractured sandy texture intrusive. Localized montmorillonite altered. Clay alteration throughout zones.
J999313	North	36	37.9	1.9	Highly altered/moderately fractured breccia with lots of quartz/tourmaline veins 5-10cm. Toumaline throughout breccia. Montmorilonite altered throughout zone. Quartz veins are sulphide pitted and porous. 148/80.
J999314	North	37.9	39.9	2	Manganese/limonite stained quartz feldspar porphyry hosting disseminated pyrite. Greenish colour.
J999315	North	39.9	41.8	1.9	Highly altered/moderately fractured feldspar porphyry dyke. Clay/montmorillonite alteration in fractures. Black matrix with white feldspars.
J999316	North	41.8	44.1	2.3	Moderately altered/fractured, manganese/limonite stained intrusive. Some clay alteration in fractures.
J999317	North	44.1	46.1	2	Manganese/limonite stained, localized montmorillonite alteration. Feldspar porphyry dyke. Black matrix, white feldspars.

Sample Number	Direction	From	To	Interval	Description
J999318	North	46.1	51.1	5	Highly altered/moderately fractured quartz rich intrusive. Minor clay alteration in fractures. Some manganese/limonite staining. Localized montmorillonite alteration.
J999319	North	51.1	55	3.9	Highly altered/moderately fractured quartz rich intrusive. Minor clay alteration in fractures. Some manganese/limonite staining. Localized montmorillonite alteration.
J999320	North	55	56.17	1.17	Highly altered/moderately fractured, goethite/limonite stained intrusive. Limonite and quartz stringers. Clay altered. Moderately altered in fractures.
J999321	North	56.17	58.37	2.2	Highly altered/fractured, montmorillonite/clay altered Intrusive. Sandy texture.
J999322	North	58.37	60.92	2.55	Highly altered/moderately fractured, manganese/limonite stained intrusive. Localized montmorillonite alteration. Some rocks grade to porphyry type centers.
J999323	North	60.92	62.12	1.2	Highly altered/moderaetly fractured, quartz rich intrusive. Gray colour. Hosts 2-10cm quartz veins with disseminated pyrite. Some goethite/limonite staining.
J999324	North	62.12	65.72	3.6	Highly altered/fractured, manganese/limonite stained intrusive with areas of more competent intrusive. Fractured areas are extensively montmorillonite altered. Limonite alteration in fractures.
J999325	North	65.72	70.72	5	Extremely altered/fractured sandy textured intrusive. Limonite altered/stained. Localized montmorillonite alteration.
J999326	North	70.72	80.72	10	Minor manganese/limonite stained, fresh (biotite, hornblende, quartz) granodiorite. Competent.
J999327	North	80.72	85.22	4.5	Alternating between more unaltered (biotite, hornblende, quartz) granodiorite and blocky, highly altered/fractured, manganese/limonite stained intrusive.
J999328	North	85.22	91.72	6.5	Fresh (biotite, hornblende, quartz) granodiorite with sandy texture, highly altered/fractured limonite stained intrusive in fractures.
J999329	North	91.72	93.17	1.45	Dark manganese/limonite stained, more competent, highly altered/moderately fractured rock fragments with localized montmorillonite altered material in fractures and small zones. Some limonite stringers and weak hematite staining.
J999330	North	93.17	103.17	10	(biotite, hornblende, quartz) fresh granodiorite.
J999331	North	103.17	104.17	1	Granodiorite grading into highly altered/fractured, manganese/limonite stained intrusive. Some montmorillonite/clay alteration. Hanging wall.
J999332	North	104.17	106.27	2.1	Highly altered/fractured, manganese/limonite stained intrusive. Localized hematite staining. Clay altered zones. Gray quartz clasts. Minor tourmaline.
J999333	North	106.27	108.37	2.1	Highly altered/fractured, manganese/limonite stained intrusive. Localized hematite staining. Clay altered zones. Gray quartz clasts. Minor tourmaline. With more granodiorite. 138/68.
J999334	North	108.37	109.37	1	Moderately/fractured, lightly altered granodiorite. Sandy texture intrusive in fractures. Minor manganese/limonite staining. Footwall.
J999335	North	109.37	113.77	4.4	Manganese/limonite stained fresh (biotite, hornblende, quartz) granodiorite.

Sample Number	Direction	From	To	Interval	Description
J999336	North	113.77	114.4	0.63	Granodiorite with localized zones of hematite. Highly altered/fractured intrusive in fractures and large zones. Minor montmorillonite alteration.
J999337	North	114.4	117	2.6	Fresh (biotite, hornblende, quartz) granodiorite very competent very little fractures.
J999338	North	117	119.5	2.5	Granodiorite with localized zones of hematite. Highly altered/fractured intrusive in fractures and large zones. Minor montmorillonite alteration.
J999339	North	119.5	120.5	1	Manganese/limonite stained, highly altered/fractured intrusive grading from granodiorite. Light clay alteration.
J999340	North	120.5	121.5	1	Extremely altered/fractured, limonite/manganese stained intrusive. Cut by 7cm hematite band. Localized montmorillonite alteration. Gray quartz clasts. Clay alteration throughout zone. Lots of intrusive fragments (very fine).
J999341	North	121.5	122.7	1.2	Extremely altered/fractured, limonite/manganese stained intrusive. Cut by 7cm hematite band. Localized montmorillonite alteration. Gray quartz clasts. Clay alteration throughout zone. Lots of intrusive fragments (very fine).
J999342	North	122.7	123.9	1.2	Blocky limonite/manganese stained, fresh (biotite, hornblende, quartz) granodiorite.
J999343	North	123.9	125.1	1.2	Highly altered/fractured. Manganese/limonite stained intrusive. Intensly clay altered. Localized montmorillonite alteration.
J999344	North	125.1	125.9	0.8	Intense limonite/hematite, altered/fractured granodiorite. Local limonite/hematite staning. Weak montmorillonite.
J999345	North	125.9	126.9	1	Yellow limonite/hematite/manganese vein cutting granodiorite. 170/45. Hematite/limonite altered. with weak montmorillonite.
J999346	North	126.9	137	10.1	Fresh, blocky granodiorite. Purpleish matrix. Weak limonite alteration on fractures. Slumped walls.
J999347	North	137	146	9	Fresh, blocky granodiorite. Purpleish matrix. Weak limonite alteration on fractures. Patches of disseminated pyrite.
J999348	North	146	147	1	Highly limonite/hematite altered granodiorite with limonite/hematite/clay veinlets. Local patches of limonite/montmorillonite altered intrusive.
J999349	North	147	148.5	1.5	Granodiorite. Highly montmorillonite/limonite altered throughout. Weak hematite/manganese staining. Highly Fractured.
J999350	North	148.5	150	1.5	Granodiorite. Increase in local hematite/manganese/limonite. Increase in montmorillonite alteration. Trace of granodiorite fragments.
J999351	North	150	150.7	0.7	Granodiorite with manganese/hematite/limonite staining. Unit is pitted and limonite altered. Trace of malachite on fracture surfaces. 130/58.
J999352	North	150.7	156	5.3	Granodiorite. Fresh. Blocky. Limonite alteration/staining on fractures. Local clay alteration. Moderate montmorillonite alteration.
J999353	North	156	159	3	Granodiorite. Fresh. Moderately fractured. Limonite/montmorillonite altered. Increase in manganese/hematite on fracture surfaces. Limonite stringers.

Sample Number	Direction	From	To	Interval	Description
J999354	North	159	160	1	Moderately fractured granodiorite. Limonite/hematite/manganese stained. Strong montmorillonite alteration. Local limonite alteration on fractures.
J999355	North	160	163	3	Granodiorite. Moderately fractured. 5cm wide manganese stained stringers with associated limonite alteration. Moderate hematite stained veins. 133/61.
J999356	North	163	168.5	5.5	Granodiorite. Fresh. Blocky. Mostly competent. Limonite stains on fractures. Weak hematite staining. Weak montmorillonite alteration.
J999357	North	168.5	170	1.5	Highly altered/fractured limonite stained intrusive. Sandy texture.
J999358	North	170	175	5	Manganese/limonite stained granodiorite. Altered. Some areas intensly limonite altered. Competent. Dark manganese staining.
J999359	North	175	180	5	Manganese/limonite stained granodiorite. Altered. Some areas intensly limonite altered. Competent. Dark manganese staining.
J999360	North	180	185	5	Manganese/limonite stained granodiorite. Altered. Some areas intensly limonite altered. Competent. Dark manganese staining.
J999361	North	185	186.9	1.9	Highly altered/fractured, black/gray dyke. Sulphide pitted. Limonite/manganese stained. Cut by porous Limonite altered veins (2cm). Hanging Wall.
J999362	North	186.9	188.4	1.5	Extremely altered/fractured, limonite stained intrusive. Montmorillonite alteration. gray quartz clasts. Clay altered.
J999363	North	188.4	189.3	0.9	Highly altered/fractured, goethite/limonite/hematite stained bands hosting disseminated sphalerite/galena/arsenopyrite. 178/60.
J999364	North	189.3	190.3	1	Highly altered/fractured, goethite/limonite/hematite stained bands hosting disseminated sphalerite/galena/arsenopyrite. 178/60. Hosts large semi-massive arsenopyrite/galena/sphalerite vein. Scorodite stained.
J999365	North	190.3	192	1.7	Highly altered/fractured, goethite/limonite/hematite stained bands hosting disseminated sphalerite/galena/arsenopyrite.
J999366	North	192	192.8	0.8	Highly altered/fractured, limonite stained intrusive with localized hematite staining and quartz feldspar dyke fragments. Footwall.
J999367	North	192.8	194	1.2	Quartz feldspar dyke. Limonite stained. Sulphide pitted. Grey quartz clasts.
J999368	North	194	196	2	Weaker altered quartz feldspar dyke. Sulphide pitted. Quartz clasts. Manganese/limonite stained grading into goethite stained band.
J999369	North	196	201	5	(quartz, biotite, hornblende) granodiorite. Minor manganese/limonite staining. Competent.
J999370	North	201	202.5	1.5	(quartz, biotite, hornblende) granodiorite. Minor manganese/limonite staining. Competent.
J999371	North	202.5	203.8	1.3	Granodiorite with manganese/limonite/hematite white clay vein. 124/64. Highly fractured. Sulphide pitted.

Sample Number	Direction	From	To	Interval	Description
J999372	North	203.8	208	4.2	Granodiorite. Highly limonite stained/fractured. Moderately competent. Weak montmorillonite alteration. Moderate manganese staining.
J999373	North	208	215.5	7.5	Fresh (hornblende, biotite, quartz) granodiorite. Weak pink colour. Moderately competent. Intense limonite staining in fractures. Local hematite staining.
J999374	North	215.5	218.8	3.3	Fresh (hornblende, biotite, quartz) granodiorite. Weak pink colour. Moderately competent. Intense limonite staining in fractures. Local hematite staining. Intense chlorite alteration. Disseminated pyrite.
J999375	North	218.8	220.1	1.3	Highly fractured granodiorite with hematite/limonite/manganese vein. Contains hematite/limonite locally. Fragments of granodiorite.
J999376	North	220.1	225	4.9	Granodiorite. Increase in silicification. Limonite/hematite fracture stained. Moderately competent. Sandy texture. Limonite fractures. Weak manganese.
J999377	North	225	231.5	6.5	Granodiorite. Increase in silicification. Limonite/hematite fracture stained. Moderately competent. Sandy texture. Limonite fractures. Weak manganese.
J999378	North	231.5	232.5	1	Banded goethite/limonite stained intrusive with quartz feldspar fragments. Clay vein in fractures. Quartz rich. Limonite altered intrusive fragments. Hanging wall.
J999379	North	232.5	233.5	1	Highly altered/fractured, limonite/goethite stained intrusive hosting 18cm semi-massive galena/sphalerite vein. 140/75.
J999380	North	233.5	235	1.5	Blocky, fractured/highly altered. Quartz rich limonite altered intrusive. Clay alteration in fractures. Footwall.
J999381	North	235	240	5	Manganese/limonite stained, altered/competent intrusive. Some rocks grade into porphyry style centers (blue). Areas of quartz rich limonite altered intrusive. Localized zones of disseminated pyrite.
J999382	North	240	245	5	Manganese/limonite stained, lightly altered/moderately fractured granodiorite. Small zones of goethite/limonite stained, highly fractured, limonite altered intrusive.
J999383	North	245	247.3	2.3	Limonite stained/altered. Goethite stained intrusive. Competent. Moderately fractured.
J999384	North	247.3	249.6	2.3	Manganese/limonite stained competent ankorite hosting limonite stringers. Localized zones of bleby pyrite cross cut by numerous calcite veins up to 3cm wide.
J999385	North	249.6	252.4	2.8	Manganese/limonite stained, highly altered/fractured intrusive hosting localized quartz carbonate zones cross cut by a quartz/tourmaline vein 5cm wide. Clay alteration in fractures.
J999386	North	252.4	256.1	3.7	Manganese/limonite stained, highly altered/moderately fractured intrusive. Clay vein material in some fractures. Zones of quartz carbonate.
J999387	North	256.1	259.8	3.7	Highly altered/fractured, manganese/limonite stained, limonite altered intrusive. Clay alteration in fractures. Minor hematite staining.

Sample Number	Direction	From	To	Interval	Description
J999388	North	259.8	263.3	3.5	Highly altered/fractured, manganese/limonite stained intrusive hosting quartz feldspar dyke fragments. Localized hematite/montmorillonite alteration.
J999389	North	263.3	268.3	5	Manganese/limonite stained (quartz, biotite, hornblende) granodiorite. Zones of light alteration. Competent. Moderately fractured.
J999390	North	268.3	273.3	5	Lightly altered/fractured, manganese/limonite stained granodiorite with localized zones of montmorillonite alteration in fractures. Zones cut by limonite stringers.
J999391	North	273.3	278.3	5	Lightly altered/fractured, manganese/limonite stained granodiorite with localized zones of montmorillonite alteration in fractures. Zones cut by limonite stringers.
J999392	North	278.3	282.7	4.4	Lightly altered/fractured, manganese/limonite stained granodiorite with localized zones of montmorillonite alteration in fractures. Zones cut by limonite stringers.
J999393	North	282.7	284	1.3	Manganese/limonite stained, highly altered/fractured intrusive with wide montmorillonite altered zones and minor hematite staining in fractures. Clay gouge in some fractures.
J999394	North	284	284.8	0.8	Strong goethite stained, limonite stained, highly altered/fractured zone with quartz feldspar dyke fragments and localized hematite staining. Strong clay alteration throughout zone. Larger dyke fragments are sulphide pitted.
J999395	North	Blank			
J999396	North	284.8	286	1.2	Goethite/limonite stained stealth fighter fractured, blocky, dyke. Some weak clay vein material in fractures. Black grey colour.
J999397	North	286	288.5	2.5	Manganese/limonite stained, highly altered/moderately fractured intrusive. Weak clay alteration in fractures. Localized minor hematite staining.
J999398	North	288.5	290	1.5	Manganese/limonite stained, highly altered/moderately fractured intrusive. Weak clay alteration in fractures. Localized minor hematite staining.
J999399	North	Standard High Gold			
J999077	North	290	293.3	3.3	Manganese/limonite stained, highly altered/moderately fractured intrusive. Weak clay alteration in fractures. Localized minor hematite staining. Disseminated pyrite.
J999078	North	293.3	297	3.7	Manganese/limonite stained, highly altered/moderately fractured intrusive. Weak clay alteration in fractures. Localized minor hematite staining. Disseminated pyrite.
J999079	North	297	298.5	1.5	Competent. Blocky, quartz feldspar porphyry. Limonite on fractures. Increase in silicification. Disseminated pyrite.
J999080	North	298.5	299.7	1.2	Quartz feldspar dyke. Disseminated pyrite. Calcite altered with bands from dyke. Light green in appearance. Hematite/limonite alteration at sides. 160/70.
J999081	North	299.7	300.8	1.1	20cm tourmaline/quartz vein. Large tourmaline crystals. Surrounded by limonite/hematite/vein material. Moderately competent.
J999082	North	300.8	303.9	3.1	Quartz feldspar porphyry. Weak limonite on fracture surfaces (sandy). Calcite alteration throughout. Fine grained tourmaline/sphalerite along vein.

Sample Number	Direction	From	To	Interval	Description
J999083	North	303.9	306.4	2.5	Quartz feldspar porphyry. Increase in tourmaline/sphalerite along vein. 124/72. Limonite/hematite/white clay surrounding quartz feldspar porphyry. Weak limonite/clay on fractures (sugery). Moderately fractured. Disseminated pyrite.
J999084	North	306.4	309.4	3	Quartz feldspar porphyry. Increase in tourmaline/sphalerite along vein. 124/72. Limonite/hematite/white clay surrounding quartz feldspar porphyry. Weak limonite/clay on fractures (sugery). Moderately fractured. Disseminated pyrite.
J999085	North	309.4	312.4	3	Quartz feldspar porphyry. Increase in tourmaline/sphalerite along vein. 124/72. Limonite/hematite/white clay surrounding quartz feldspar porphyry. Weak limonite/clay on fractures (sugery). Moderately fractured. Disseminated pyrite.
J999086	North	312.4	315.4	3	Quartz feldspar porphyry. Increase in tourmaline/sphalerite along vein. 124/72. Limonite/hematite/white clay surrounding quartz feldspar porphyry. Weak limonite/clay on fractures (sugery). Moderately fractured. Disseminated pyrite.
J999087	North	315.4	318.9	3.5	Quartz feldspar porphyry. Increase in tourmaline/sphalerite along vein. 124/72. Limonite/hematite/white clay surrounding quartz feldspar porphyry. Weak limonite/clay on fractures (sugery). Moderately fractured. Disseminated pyrite.
J999088	North	318.9	323	4.1	Quartz feldspar porphyry. Blocky. Limonite alteration on fractures. Weak montmorillonite alteration. Weak hematite/manganese staining on fractures. Weak sphalerite/tourmaline.
J999089	North	323	326.1	3.1	Quartz feldspar porphyry. Blocky. Limonite alteration on fractures. Weak montmorillonite alteration. Weak hematite/manganese staining on fractures. Weak sphalerite/tourmaline.
J999090	North	326.1	326.7	0.6	Quartz feldspar porphyry hosting 5cm wide massive galena vein. 160/62. Surrounded by limonite/hematite/clay.
J999091	North	326.7	331	4.3	Quartz feldspar porphyry. Competent. Sugery. Limonite on fractures. Strong montmorillonite alteration. Weak hematite/manganese.
J999092	North	331	337	6	Fresh quartz feldspar porphyry. Weak limonite/hematite/manganese staining. Sugery. Limonite/clay on fractures. Local montmorillonite alteration. Disseminated pyrite.
J999093	North	337	343	6	Fresh granodiorite (biotite, hornblende, quartz). Limonite staining on fractures. Competent. Blocky. Trace pyrite.
J999094	North	343	346.5	3.5	Fresh granodiorite (biotite, hornblende, quartz). Limonite staining on fractures. Competent. Blocky. Trace pyrite.
J999095	North	346.5	347	0.5	Quartz feldspar hosting 3cm massive galena vein with limonite/hematite/manganese/goethite surrounding. Mostly competent host rock. 120/90. True width is 42cm.

Sample Number	Direction	From	To	Interval	Description
J999096	North	347	353	6	Fresh granodiorite (biotite, hornblende, quartz). Limonite staining on fractures. Competent. Blocky. Trace pyrite.
J999097	North	353	359	6	Fresh granodiorite (biotite, hornblende, quartz). Limonite staining on fractures. Competent. Blocky. Trace pyrite.
J999098	North	359	360	1	Granodiorite hosting hematite/limonite vein with minor tourmaline/sphalerite vein (2cm) with limonite/hematite altered host rock.
J999099	North	360	366	6	Fresh granodiorite (biotite, hornblende, quartz). Limonite staining on fractures. Competent. Blocky. Trace pyrite.
J999400	North	366	370	4	Highly limonite/manganese fractured/stained granodiorite. Moderate montmorillonite alteration. Sugery appearance. No disseminated pyrite.
J999401	North	370	377	7	Fresh granodiorite. Blue/pink in appearance. Blocky. Weak limonite staining. Weak sugery appearance. No disseminated pyrite.
J999402	North	377	382	5	Fresh granodiorite. Blue/pink in appearance. Blocky. Weak limonite staining. Weak sugery appearance. No disseminated pyrite. Fine grained. Quartz rich. 044/80.
J999403	North	382	383	1	Hanging Wall. 136/70. Manganese/limonite vein. Trace clay. Highly manganese/limonite fractured. Weak montmorillonite alteration. Quartz feldspar porphyry.
J999404	North	383	385.8	2.8	Granodiorite. Sugery. Limonite coated in appearance. Moderate montmorillonite alteration. Weak hematite/manganese stained fractures.
J999405	North	385.8	387.3	1.5	Quartz feldspar porphyry. Hematite/limonite/white clay vein along fractures. Local intense manganese alteration. Unit mostly competent.
J999406	North	387.3	392.3	5	Granodiorite. Moderately limonite/montmorillonite fractured. Local limonite alteration. Unit contains fragments of fine grained mafic unit. Intense manganese altered patches.
J999407	North	392.3	397.3	5	Blocky granodiorite. Sugery. Limonite fractured/altered. Strong montmorillonite alteration. Weak manganese staining.
J999408	North	397.3	401	3.7	Blocky granodiorite. Sugery. Limonite fractured/altered. Strong montmorillonite alteration. Weak manganese staining.
J999409	North	401	402.5	1.5	016/15. Manganese/hematite/white clay vein with manganese/hematite/white clay on footwall and mostly competent/sugery. Limonite/manganese stained/fractured quartz feldspar porphyry.
J999410	North	402.5	406	3.5	Quartz feldspar porphyry. Moderately fractured with limonite/hematite/clay alteration. Feldspar phenocrysts in unit appear more pink.
J999411	North	406	409	3	Granodiorite. Intense limonite staining. Highly fractured with montmorillonite alteration. Moderate manganese staining. Soft unit.

Sample Number	Direction	From	To	Interval	Description
J999412	North	409	412	3	Quartz feldspar porphyry. Highly fractured with limonite/weak white clay and intense montmorillonite alteraion. Moderate manganese fracture staining. Quartz fragments throughout.
J999413	North	412	414	2	Quartz feldspar porphyry. Highly fractured/altered by montmorillonite and extremely limonite/white/scorodite? clay vein. Moderate manganese staining.
J999414	North	414	416.7	2.7	Unit limonite pitted and light gray milky colour. Weak limonite fracture stained. Competent. 148/82. Quartz "stealth fighter" dark dyke. Manganese/mafic based.
J999415	North	416.7	422.2	5.5	Unit limonite pitted and light gray milky colour. Weak limonite fracture stained. Competent. 148/82. Quartz "stealth fighter" dark dyke. Manganese/mafic based.
J999416	North	422.2	423.2	1	Hanging wall. 164/66. Increase manganese/hematite staining on dark quartz dyke. More fractured with quartz fragments throughout.
J999417	North	423.2	425.3	2.1	Granodiorite (biotite, hornblende, quartz). Highly fractured by limonite/white/hematite clay in the footwall. Strongly hematite fracture stained. Weak manganese stained. Scorodite stained clay vein material. Quartz throughout.
J999418	North	425.3	426.3	1	Granodiorite with montmorillonite. Weak pink phenocrysts throughout and extreme manganese/limonite staining. Moderately competent.
J999419	North	426.3	429.9	3.6	Granodiorite (biotite, hornblende, quartz) with montmorillonite and pinkish stained feldspar phenocrysts. Moderately fractured unit with highly manganese/limonite fracture stained. Moderately limonite altered.
J999420	North	429.9	432.4	2.5	Granodiorite (biotite, hornblende, quartz) with montmorillonite and pinkish stained feldspar phenocrysts. Moderately fractured unit with highly manganese/limonite fracture stained. Moderately limonite altered.
J999421	North	432.4	439.4	7	Blocky granodiorite. Moderate montmorillonite alteration. Limonite/clay along fracture surfaces. Moderate limonite/manganese staining. Unit contains fragments of the fine grained quartz/mafic unit (intrusive). Moderate montmorillonite alteration.
J999422	North	439.4	441.6	2.2	Granodiorite. Highly fractured. Limonite/montmorillonite altered. Pink phenocrysts. Weak manganese fracture staining.
J999423	North	441.6	449.3	7.7	Blocky granodiorite. Moderate limonite/clay alteration on fracture surfaces. Mostly fresh unit containing fine grained quartz/mafic unit. Weak montmorillonite alteration.
J999424	North	449.3	453.2	3.9	Highly fractured granodiorite with extreme montmorillonite alteration and local limonite/clay alteration on fracture surfaces. Weak manganese staining. Limonite stringers throughout.
J999425	North	453.2	463.2	10	Blocky. Fresh granodiorite with limonite alteration on fractures. Minor montmorillonite alteration. Unit contains fragments of fine grained quartz/mafic unit.
J999426	North	463.2	472.7	9.5	Granodiorite with dark mafic/quartz fragments throughout. Blocky. Limonite stained fractures. Fragments of quartz crystals. 2cm quartz veinlets throughout.

Sample Number	Direction	From	To	Interval	Description
J999427	North	472.7	473.7	1	Hanging wall of quartz feldspar porphyry containing limonite/white/weak hematite/clay alteration. Quartz fragments remain from highly fractured unit. Limonite/weak manganese stained fractures.
J999428	North	473.7	474.95	1.25	Footwall. 160/86. Quartz feldspar porphyry. Mostly competent with Limonite stained fractures.
J999429	North	474.95	478	3.05	Granodiorite. Highly fractured. Limonite altered. Local limonite/montmorillonite throughout.
J999430	North	478	488	10	Fresh, Blocky granodiorite. Limonite fracture coatings. Intrusive. Contains fragments of finegrained quartz/mafic Unit. Weak montmorillonite alteration.
J999431	North	488	493	5	Fresh, Blocky granodiorite. Limonite fracture coatings. Intrusive. Contains fragments of finegrained quartz/mafic Unit. Weak montmorillonite alteration.
J999432	North	493	494.5	1.5	Quartz feldspar porphyry hosting limonite/hematite/white clay veins. Unit highly fractured. Quartz fragments throughout.
J999433	North	494.5	496	1.5	Quartz feldspar porphyry being highly altered by limonite/hemitite/clay. Quartz crystals throughout. Weak white clay alteration.
J999434	North	496	505	9	Fresh, blocky granodiorite. Weak limonite alteration in fractures. 064/84. Weak montmorillonite alteration.
J999435	North	505	512	7	Fresh, blocky granodiorite. Weak limonite alteration in fractures. 064/84. Weak montmorillonite alteration.
J999436	North	512	514	2	Hanging wall. Fractured granodiorite with manganese/limonite stained fractures. Local hematite/limonite/clay alteration.
J999437	North	514	515.5	1.5	Footwall. 168/60. Quartz feldspar porphyry with limonite/hematite/manganese vein. Weak white clay alteration. Clay vein zone. Quartz crystal fragments throughout. True width is 20cm.
J999438	North	515.5	520	4.5	Moderatly fractured granodiorite. Limonite/hematite stained fractures. Local limonite/hematite alteration. Weak manganese staining.
J999439	North	520	525	5	Blocky granodiorite. Limonite/hematite fracture stains. Decrease in limonite/hematite on fractures. More fresh. Fragments of fine grained dark blue intrusive throughout.
J999440	North	525	530	5	Moderatly fractured granodiorite. Limonite/hematite stained fractures. Local limonite/hematite alteration. Weak manganese staining.
J999441	North	530	533.5	3.5	Fresh, blocky granodiorite. Limonite altered. Sugery. Moderately manganese stained.
J999442	North	533.5	537	3.5	Highly limonite/hematite fractured. Moderately manganese stained on granodiorite fractures. Weak montmorillonite alteration.

Sample Number	Direction	From	To	Interval	Description
J999443	North	537	543	6	Fresh, blocky granodiorite. Limonite altered. Sugery. Moderately manganese stained.
J999444	North	543	547.3	4.3	Fresh, blocky granodiorite. Limonite altered. Sugery. Moderately manganese stained.
J999445	North	547.3	548.9	1.6	Quartz feldspar porphyry. Highly manganese/limonite/hematite fracture stained. Weak limonite/manganese alteration. 138/72. Sphalerite?
J999446	North	548.9	551.9	3	Granodiorite. Moderatly blocky. Limonite fracture stained. Sugery. Weak hematite/manganese stained.
J999447	North	551.9	554	2.1	Highly limonite/manganese fractured granodiorite. Limonite/manganese stringers throughout. Weakly montmorillonite altered. Unit fragments throughout.
J999448	North	554	561	7	Granodiorite. Moderately blocky with limonite stained fractures. Sugery. Unit contains fine grained chlorite/mafic/quartz fragments throughout fresh unit.
J999449	North	561	565	4	Quartz feldspar porphyry. Disseminated pyrite. Highly limonite/hematite stained. Competent. Moderate manganese stringers.
J999450	North	565	567.5	2.5	Quartz feldspar porphyry. Disseminated pyrite. Highly limonite/hematite stained. Competent. Moderate manganese stringers. Increased limonite/clay stringers 144/70.
J999451	North	567.5	572.5	5	Granodiorite. Moderately fractured. Limonite stained fractures. Moderate montmorillonite alteration. Weak manganese staining. Disseminated pyrite.
J999452	North	572.5	575	2.5	Granodiorite. Moderately fractured. Limonite stained fractures. Moderate montmorillonite alteration. Weak manganese staining. Disseminated pyrite.
J999453	North	575	578	3	Highly limonite/hematite/manganese stained. Moderate montmorillonite alteration. Local limonite/clay alteration.
J999454	North	578	579.8	1.8	Highly fractured. Sugery granodiorite. Limonite/montmorillonite altered throughout. Moderately manganese stained.
J999455	North	579.8	580.9	1.1	Quartz feldspar hosting hematite/limonite/manganese/white clay vein zone. Quartz fragments throughout. Footwall. 115/58.
J999456	North	580.9	582.4	1.5	Granodiorite. Highly hematite/manganese fracture stained. Moderately competent. Moderate montmorillonite alteration. Hematite stringers along fractures.
J999457	North	582.4	585.8	3.4	Granodiorite. Highly hematite/manganese fracture stained. Moderately competent. Moderate montmorillonite alteration. Hematite stringers along fractures.
J999458	North	585.8	589.8	4	Granodiorite. Highly hematite/manganese fracture stained. Moderately competent. Moderate montmorillonite alteration. Hematite stringers along fractures.
J999459	North	589.8	592.7	2.9	Granodiorite. Moderately competent. Highly fresh montmorillonite alteration. Limonite stained fractures. Weak hematite/manganese staining. Local limonite alteration. Sheet calcite veins. Trace disseminated pyrite.

Sample Number	Direction	From	To	Interval	Description
J999460	North	592.7	597.5	4.8	Quartz feldspar porphyry. Competent with sugery limonite fracture alteration. Weak hematite/manganese stained fractures. Moderate montmorillonite alteration. Hanging wall.
J999461	North	597.5	599.2	1.7	Quartz feldspar porphyry hosting hematite/limonite/gray white clay vein zone. Quartz crystals throughout.
J999462	North	599.2	602.2	3	Granodiorite. Moderatly blocky. Strong Limonite alteration on fractures. Sugery appearance. Moderate montmorillonite alteration. Local limonite/clay alteration. Moderate manganese staining.
J999463	North	602.2	603.4	1.2	Granodiorite. Extremely fractured with limonite/clay/montmorillonite alteration and intense hematite/manganese stained fractures. 5cm manganese vein.
J999464	North	603.4	604.8	1.4	Granodiorite. Extremely altered with limonite/yellow white clay vein material. Quartz crystals throughout. Moderate hematite staining. 5cm manganese vein.
J999465	North	604.8	605.8	1	Granodiorite. Strongly fractured. Manganese/limonite stained fracture planes. Sugery appearance.
J999466	North	605.8	607	1.2	Granodiorite. Extremely limonite/white yellow clay vein alteration. Quartz crystals throughout. Weak hematite staining. Hanging wall.
J999467	North	607	608.7	1.7	Granodiorite. Extremely limonite/white yellow clay vein alteration. Quartz crystals throughout. Weak hematite staining. Hanging wall.
J999468	North	608.7	611.7	3	Granodiorite. Strongly fractured. Limonite/yellow/hematite clay alteration. Footwall. 118/30. Weak limonite clay alteration. Weak montmorillonite alteration.
J999469	North	611.7	615.2	3.5	Granodiorite. Limonite/hematite clay in fractures. 118/30. Highly fractured unit. Strong limonite/manganese/hematite staining. Quartz crystals throughout.
J999470	North	615.2	618.7	3.5	Granodiorite. More Competent. Limonite/manganese stained fractures. Limonite/hematite alteration in fractures. Sugery. Weak montmorillonite alteration.
J999471	North	618.7	622.2	3.5	Granodiorite. More Competent. Limonite/manganese stained fractures. Limonite/hematite alteration in fractures. Sugery. Weak montmorillonite alteration.
J999472	North	622.2	625.7	3.5	Granodiorite. Highly fractured. Limonite/hematite alteration. Sugery. Weak limonite/clay over fractures. Moderate montmorillonite alteration. Strong manganese staining.
J999473	North	625.7	629	3.3	Granodiorite. Highly fractured. Limonite/hematite alteration. Sugery. Weak limonite/clay over fractures. Moderate montmorillonite alteration. Strong manganese staining.
J999474	North	629	634	5	Granodiorite. Highly fractured. Limonite/hematite alteration. Sugery. Weak limonite/clay over fractures. Moderate montmorillonite alteration. Strong manganese staining.

Sample Number	Direction	From	To	Interval	Description
J999475	North	634	638.4	4.4	Granodiorite. Highly fractured. Limonite/hematite alteration. Sugery. Weak limonite/clay over fractures. Moderate montmorillonite alteration. Strong manganese staining.
J999476	North	638.4	641	2.6	Quartz feldspar dyke. Dark gray/green. Limonite/weak hematite staining on quartz. Moderately fractured with unit fragments throughout. Trace limonite/clay. Dyke is limonite pitted.
J999477	North	641	646	5	Granodiorite. Highly fractured . Sugery. Limonite/hematite alteration. Minor montmorillonite alteration. Quartz dyke fragments throughout. Trace limonite/hematite/clay alteration. Manganese stained fractures.
J999478	North	646	651	5	Granodiorite. Highly fractured . Sugery. Limonite/hematite alteration. Minor montmorillonite alteration. Quartz dyke fragments throughout. Trace limonite/hematite/clay alteration. Manganese stained fractures.
J999479	North	651	656	5	Granodiorite. Strongly fractured. Limonite/hematite alteration. Sugery. Moderate montmorillonite alteration. Limonite/manganese stained fractures. Moderate limonite/hematite/clay alteration.
J999480	North	656	661	5	Granodiorite. Strongly fractured. Limonite/hematite alteration. Sugery. Moderate montmorillonite alteration. Limonite/manganese stained fractures. Moderate limonite/hematite/clay alteration.
J999481	North	661	666	5	Granodiorite. Strongly fractured. Limonite/hematite alteration. Sugery. Moderate montmorillonite alteration. Limonite/manganese stained fractures. Moderate limonite/hematite/clay alteration.
J999482	North	666	669.4	3.4	Granodiorite. Extremely montmorillonite altered/fractured. Limonite/hematite/clay throughout. Moderately manganese stained fractures.
J999483	North	669.4	676.4	7	Blocky. Limonite (sugary) fracture altered. Granodiorite. Increase in fracture limonite/hematite/clay alteration. Limonite/hematite stained fractures.
J999484	North	676.4	681	4.6	Granodiorite. Highly fractured with hematite/limonite/clay alteration. Manganese/hematite stained fractures. Moderate montmorillonite alteration. 014/46.
J999485	North	681	686	5	Moderately blocky granodiorite. Hematite/limonite stained fractures. Manganese stringers throughout. Moderate limonite/hematite/clay alteration. Weak montmorillonite alteration.
J999486	North	686	691	5	Highly fractured granodiorite. Strongly limonite/hematite/clay alteration. Limonite/manganese stained fractures. Limonite/hematite stringers throughout.
J999487	North	691	696	5	Moderately blocky granodiorite. Hematite/limonite stained fractures. Manganese stringers throughout. Moderate limonite/hematite/clay alteration. Weak montmorillonite alteration.

Sample Number	Direction	From	To	Interval	Description
J999488	North	696	701	5	Moderately limonite, sugery granodiorite. Moderate limonite/hematite/clay with manganese stained fractures. Weak montmorillonite alteration. Blocky.
J999489	North	701	706	5	Moderately limonite, sugery granodiorite. Moderate limonite/hematite/clay with manganese stained fractures. Weak montmorillonite alteration. Blocky.
J999490	North	706	711	5	Strongly fractured granodiorite with limonite/hematite clay and fracture alteration. Manganese and limonite fracture stained.
J999491	North	711	715	4	Strongly fractured granodiorite with limonite/hematite clay and fracture alteration. Manganese and limonite fracture stained.
J999492	North	715	719	4	Blocky. Limonite (sugery) fracture alteration. Granodiorite. Limonite/hematite clay along fracture surfaces. Manganese/limonite on fracture surfaces. Granodiorite fragments throughout.
J999493	North	719	723.3	4.3	Blocky. Limonite (sugery) fracture alteration. Granodiorite. Limonite/hematite clay along fracture surfaces. Manganese/limonite on fracture surfaces. Granodiorite fragments throughout.
KL/TR/10/13					
J998800	North	200	201.65	1.65	Yellow vein material. Highly sheared intrusive.
J998801	North	201.65	203.47	1.82	More competent granodiorite. Still very sheared.
J998802	North	203.47	209.87	6.4	Blocky. Limonite stained granodiorite.
J998803	North	209.87	211.74	1.87	Broken, sheared intrusive.
J998804	North	211.74	216.74	5	
J998805	North	216.74	219.24	2.5	020 clay vein structure
J998806	North	219.24	221.74	2.5	020 clay vein structure
J998807	North	221.74	226.74	5	Blocky granodiorite. Amphibole alteration to chlorite.
J998808	North	226.74	231.74	5	Blocky granodiorite. Amphibole alteration to chlorite.
J998809	North	231.74	232.74	1	Footwall contact. Granodiorite. Strong clay vein development and sheared granodiorite.
J998810	North	232.74	234.74	2	Brown clay vein material. Local quartz clasts hosting disseminated pyrite.
J998811	North	234.74	236.74	2	Brown clay vein material. Local quartz clasts hosting disseminated pyrite.
J998812	North	236.74	238.74	2	Brown clay vein material. Local quartz clasts hosting disseminated pyrite.
J998813	North	238.74	240.74	2	Brown clay vein material. Local quartz clasts hosting disseminated pyrite.
J998814	North	240.74	243.74	3	Fairly competent, limonite stained granodiorite.
J998815	North	243.74	246.74	3	Fairly competent, limonite stained granodiorite.
J998816	North	246.74	249.74	3	Fairly competent, limonite stained granodiorite.
J998817	North	249.74	251.74	2	Yellow/orange clay vein zone.
J998818	North	251.74	253.74	2	Yellow/orange clay vein zone.
J998819	North	253.74	254.49	0.75	Footwall clay vein material.

Sample Number	Direction	From	To	Interval	Description
J998820	North	254.49	255.04	0.55	Phyllic alteration. Dyke.
J998821	North	255.04	255.74	0.7	
J998822	North	255.74	257.74	2	Brown limonite alteration. fault gouge.
J998823	North	257.74	259.74	2	Brown limonite alteration. fault gouge.
J998824	North	259.74	261.74	2	Brown limonite alteration. fault gouge.
J998825	North	261.74	263.74	2	Brown limonite alteration. fault gouge.
J998826	North	263.74	265.74	2	Brown limonite alteration. fault gouge.
J998827	North	265.74	267.74	2	Brown limonite alteration. fault gouge.
J998828	North	267.74	269.74	2	Brown limonite alteration. fault gouge.
J998829	North	269.74	271.74	2	Brown limonite alteration. fault gouge.
J998830	North	271.74	273.74	2	Brown limonite alteration. fault gouge.
J998831	North	273.74	275.74	2	Brown limonite alteration. fault gouge.
J998832	North	275.74	277.24	1.5	Footwall clay vein zone.
J998833	North	277.24	278.53	1.29	Yellow clay vein zone.
J998834	North	278.53	279.47	0.94	Phyllic alteration. Dyke.
J998835	North	279.47	280.08	0.61	
J998836	North	280.08	281.58	1.5	Hanging wall. Sheared. Hematite bands.
J998837	North	281.58	283.58	2	Clay vein material hosting quartz vein fragments. Fragments are grey/clear and host disseminated pyrite.
J998838	North	283.58	285.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998839	North	285.58	287.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998840	North	287.58	289.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998841	North	289.58	291.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998842	North	291.58	293.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998843	North	293.58	295.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998844	North	295.58	297.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998845	North	297.58	299.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998846	North	299.58	301.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998847	North	301.58	303.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998848	North	303.58	305.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998849	North	305.58	307.58	2	Orange vein zone (frozen) with fragments of limonite altered intrusive.
J998850	North	307.58	309.58	2	
J998851	North	309.58	311.27	1.69	
J998852	North	311.27	313.27	2	
KL/TR/10/14					
J998853	North	0	3	3	

Sample Number	Direction	From	To	Interval	Description
J998854	North	3	4.2	1.2	Strongly manganese/limonite stained intrusive.
J998855	North	4.2	4.72	0.52	Strongly limonite altered granodiorite on hanging wall contact of narrow clay gouge zone.
J998856	North	4.72	9.5	4.78	Slightly oxidized bedrock.
J998857	North	9.5	11.5	2	Orange. Extremely altered feldspars.
J998858	North	11.5	15	3.5	Orange/limonite soft feldspar intrusive. Few 2cm clay veins perpendicular to trench.
J998859	North	15	20	5	Trace limonite on surface fractures. Granodiorite.
J998860	North	20	25	5	Trace limonite on surface fractures. Granodiorite.
J998861	North	25	29.4	4.4	Trace limonite on surface fractures. Granodiorite.
J998862	North	29.4	32	2.6	Limonite/manganese stained intrusive. Areas of limonite stained clay. Fractures at 082/70.
J998863	North	32	35	3	Limonite/manganese (trace) stained intrusive. Areas of limonite stained clay.
J998864	North	35	39	4	Granodiorite with trace limonite on fractures. Fractures at 120/60.
J998865	North	39	44	5	Granodiorite. Patches of clay altered phenocrysts (40mm). Slightly oxidized bedrock.
J998866	North	44	49	5	Fresh granodiorite. Slightly oxidized bedrock.
J998867	North	49	50.2	1.2	Granodiorite. Slightly oxidized. Patch of soft phenocrysts.
J998868	North	50.2	52.2	2	East rib at 51.20m. Water. vein at 020/80. Hanging wall. Limonite/manganese. Soft. West rib at 51m has 30cm intensly oxidized zone. Limonite on edges. Associated with east rib.
J998869	North	52.2	56	3.8	Fracture coated limonite granodiorite.
J998870	North	56	61	5	Fresh granodiorite. Trace limonite fractures. Fractures at 090/60.
J998871	North	61	66	5	Weathered granodiorite. Limonite on fractures.
J998872	North	66	71	5	Fresh granodiorite. Trace limonite. At 71m, 2cm wide manganese vein perpendicular to trench. Soft clay/limonite.
J998873	North	71	76	5	Fresh granodiorite. Trace limonite. Clay/limonite altered phenocrysts. Soft.
J998874	North	76	78	2	Granodiorite. Trace limonite. Highly fractured.
J998875	North	78	80	2	Intensly oxidized. Clay altered soft phenocrysts. At 79m, soft limonite/manganese vein surrounded by clay. Thin (2cm).
J998876	North	80	85	5	Granodiorite. Limonite on fracture surfaces. At 82.3m, patch of clay alteration. light green feldspar porphyry.
J998877	North	85	90	5	Intensly altered/fractured granodiorite. Strong limonite patches and alteration. Feldspar porphyry.
J998878	North	90	95	5	Intensly altered/weathered granodiorite. Strong limonite. Increase in quartz/calcite.
J998879	North	95	98	3	Granodiorite with fresh limonite. Increase in quartz/calcite.

Sample Number	Direction	From	To	Interval	Description
J998880	North	98	100	2	Feldspar porphyry. High percent of phenocrysts (3-5mm). Tabular. Soft. Increase in quartz. Variable quartz veins (25mm-1cm).
J998881	North	100	103	3	More intense clay/limonite/manganese rich alteration of porphyry.
J998882	North	103	108	5	Quartz rich feldspar porphyry including 5mm quartz bands. Random 5mm-1cm quartz lenses. Phenocrysts are solid white and soft. Unit coated with limonite.
J998883	North	108	113	5	Quartz rich feldspar porphyry including 5mm quartz bands. Random 5mm-1cm quartz lenses. Phenocrysts are solid white and soft. Unit coated with limonite.
J998884	North	113	117	4	Quartz rich feldspar porphyry including 5mm quartz bands. Random 5mm-1cm quartz lenses. Phenocrysts are solid white and soft. Unit coated with limonite.
J998885	North	117	119.5	2.5	Unit remains highly weathered and soft. More limonite staining. Clay altered phenocrysts.
J998886	North	119.5	123	3.5	3.5m of soft limonite feldspar porphyry. Doesn't appear to have as much quartz. At 20-21m, area of fresh granodiorite.
J998887	North	123	126	3	Limonite/manganese veins perpendicular to trench. Intense limonite staining on soft feldspar porphyry.
J998888	North	126	131	5	Granodiorite. Quartz rich mafics (biotite, hornblende, augite). Feldspar porphyry on bottom. White phenocrysts. Soft.
J998889	North	131	136	5	Granodiorite. Quartz rich mafics (biotite, hornblende, augite). Feldspar porphyry on bottom. White phenocrysts. Soft.
J998890	North	136	137.5	1.5	Granodiorite. Increase in quartz/calcite. Limonite on fractures.
J998891	North	137.5	140	2.5	Intense limonite/manganese vein. Staining throughout feldspar porphyry.
J998892	North	140	146	6	Feldspar porphyry. Strongly limonite rustic. Soft. Increase in quartz. Highly fractured. 160/70.
J998893	North	146	151	5	Granodiorite. Fresh. Increase in quartz/calcite. Areas of rich limonite. Blocky. Competent.
J998894	North	151	156	5	Fresh granodiorite. Limonite on fractures. Patches of soft clay alteration. Feldspar porphyry.
J998895	North	156	161	5	Increased quartz/calcite granodiorite. Increse in limonite.
J998896	North	161	166	5	Mostly fresh granodiorite. Limonite on fractures. Some fracture areas contain limonite/manganese staining.
J998897	North	166	171	5	Fresh granodiorite. Limonite on fractures. Increase in quartz/calcite. Blocky. Fractures at 112/60.
J998898	North	171	176	5	Decrease in limonite. Possible hematite staining on fractures.
J998899	North	176	181	5	Fresh granodiorite. Limonite on fractures. Increase in quartz/calcite. Blocky. Fractures at 112/60.

Sample Number	Direction	From	To	Interval	Description
J998900	North	181	186	5	Limonite stained, weathered granodiorite. More limonite present. Increase in quartz/calcite. Manganese/limonite vein staining perpendicular to trench.
J998901	North	186	191	5	Limonite stained, weathered granodiorite. More limonite present.
J998902	North	191	196	5	Limonite stained, weathered granodiorite. Not as blocky. More soft.
J998903	North	196	201	5	Limonite stained, weathered granodiorite. Not as blocky. More soft.
J998904	North	201	206	5	Soft intrusive. Weak limonite. Localized areas of feldspar porphyry dykes. Silica rich. Granodiorite appears fresh.
J998905	North	206	211	5	Feldspar phenocrysts strongly clay and limonite altered. Dykes contain trace pyrite (disseminated).
J998906	North	211	216	5	Granodiorite (fresh). Blocky. Limonite on fractures. Area slumped. Fractures at 000/80.
J998907	North	216	221	5	Granodiorite (fresh). Blocky. Decrease in limonite. Localized feldspar porphyry dykes. Contain trace disseminated pyrite. Silica rich.
J998908	North	221	224	3	Weak limonite stained granodiorite. Soft. Extremely weathered.
J998909	North	224	226	2	Clay vein zone. Orange/yellow/white. Parallel to trench. 50cm wide.
J998910	North	226	229	3	Blocky granodiorite. Weathered. Limonite stained.
J998911	North	229	231.5	2.5	Extremely weathered. Soft. Crumbly. Granodiorite. Strongly limonite altered. Weak silica. Areas of white/orange/yellow clay. 020/90.
J998912	North	231.5	234	2.5	Extremely weathered. Soft. Crumbly. Granodiorite. Strongly limonite altered. Weak silica. Areas of white/orange/yellow clay. 020/90.
J998913	North	234	236.5	2.5	Extremely weathered. Soft. Crumbly. Granodiorite. Strongly limonite altered. Weak silica. Areas of white/orange/yellow clay. 020/90.
J998914	North	236.5	240	3.5	Extremely weathered. Limonite altered. Granodiorite. Soft. Crumbly. Patches of white clay. 5mm quartz lenses present.
J998915	North	240	241.5	1.5	Hematite/scorodite/limonite/manganese stained vein. 090.
J998916	North	241.5	246	4.5	Weathered, limonite stained granodiorite. Increase in silica. More blocky. Trace hematite staining/orange clay.
J998917	North	246	247	1	Quartz feldspar porphyry. Highly limonite/hematite altered. Highly fractured. Hosting limonite/weak manganese/weak hematite/scorodite clay vein. Footwall. Contains arsenopyrite/pyrite/sphalerite. 072/86.
J998918	North	247	248	1	Increase in limonite/scorodite. Extremely fractured vein zone.
J998919	North	248	249	1	Increase in limonite/scorodite. Extremely fractured vein zone.
J998920	North	249	250	1	Increase in limonite/scorodite. Extremely fractured vein zone. Increse in clay vein material.

Sample Number	Direction	From	To	Interval	Description
J998921	North	250	252	2	Quartz feldspar poprhyry. Highly limonite/hematite altered. Highly fractured. Decrease in scorodite. Increse hematite/limonite/clay. Minor manganese on fracture surfaces. End of vein zone dyke contact. 140/40.
J998922	North	252	253.5	1.5	True width 40cm. Manganese/limonite/hematite/yellow clay vein. No mineralization. Trace scorodite. 162/70.
J998923	North	253.5	256	2.5	Highly weathered.
J998924	North	256	260	4	Highly weathered feldspar porphyry. Potassium feldspar present. Weakly silicified. Strong limonite staining. Orange/yellow clay vein present.
J998925	North	260	262	2	Feldspar porphyry silica rich dyke. Trace pyrite.
J998926	North	262	264.5	2.5	Highly weathered feldspar porphyry. Weakly silicious. Strong limonite staining. White/orange clay.
J998927	North	264.5	266	1.5	Feldspar porphyry. Silica rich dyke. Trace pyrite. Limonite on surface. Fractures at 150/64.
J998928	North	266	268.3	2.3	Highly weathered feldspar porphyry. Weakly silicious. Strong limonite staining. White/orange clay.
J998929	North	268.3	272	3.7	Less silicious feldspar porphyry. More fractured. Manganese/limonite/yellow and trace hematite vein. 150/60.
J998930	North	272	276	4	Silicious feldspar porphyry. No phenocrysts. Trace pyrite. Areas of intense limonite staining. Mostly soft.
J998931	North	276	280	4	Soft. Silicious feldspar porphyry. Limonite stained. 2x 5cm manganese/limonite veins crosscut.
J998932	North	280	285	5	Granodiorite. Intense limonite/hematite staining on fractures. Fractures at 160/60.
J998933	North	285	285.5	0.5	Granodiorite. Extremely weathered. Very soft. Limonite stained, decrease in quartz. Areas of limonite/white clay.
J998934	North	285.5	290	4.5	Granodiorite. Appears fresh. Lack of limonite. Blocky. Competent.
J998935	North	290	293	3	Granodiorite. Soft. Increase in limonite/hematite.
J998936	North	293	296	3	Decrease in limonite. More quartz lenses present (5mm).
J998937	North	296	301	5	Granodiorite. Appears fresh. Lack of limonite. Blocky. Increase in quartz with hematite staining.
J998938	North	301	306	5	Fresh granodiorite. Unit mostly soft with minor limonite staining. Brownish. Increase silicification.
J998939	North	306	309.5	3.5	Fresh granodiorite. Unit mostly soft with minor limonite staining. Brownish. Increase silicification.
J998940	North	309.5	312.5	3	Increase in limonite/yellow clay stringers. 5cm manganese vein 075. Areas of patchy clay.
J998941	North	312.5	315	2.5	Fresh granodiorite. Blocky. Minor limonite.

Sample Number	Direction	From	To	Interval	Description
J998942	North	315	317	2	Thin manganese vein associated with limonite/yellow/white clay. Unit more silicious. Increased limonite. 075.
J998943	North	317	321	4	Fresh granodiorite. Blocky. Minor limonite. Fractures at 176/88.
J998944	North	321	322	1	Footwall side of true width 50cm vein containing manganese/hematite/limonite staining plus some clay vein material.
J998945	North	322	323	1	Hanging wall side of vein containing white/orange/yellow clay vein material. Trace scorodite/hematite.
J998946	North	323	328	5	Fresh granodiorite. Blocky. Increase in quartz. Limonite/hematite on fractures.
J998947	North	328	333	5	Fresh granodiorite. Blocky. Increase in silicification and hematite in quartz. Increase limonite on fractures.
J998948	North	333	334.4	1.4	Granodiorite. Intense montmorillonite alteration. White clay lenses.
J998949	North	334.4	336.4	2	Granodiorite. More competent. Localized limonite/clay alteration. Veins of limonite/hematite/manganese at 060/90. Limonite on fractures.
J999025	North	336.4	340	3.6	Granodiorite. Strong limonite/manganese staining on fractures. Mostly competent. Local montmorillonite alteration.
J999026	North	340	342.5	2.5	Granodiorite. Strong limonite/manganese staining on fractures. Mostly competent. Local montmorillonite alteration.
J999027	North	342.5	345.5	3	Quartz feldspar porphyry. Mostly competent. Strong hematite/limonite/clay alteration. Weakly manganese stained. Disseminated pyrite.
J999028	North	345.5	347.5	2	Quartz feldspar porphyry. Mostly competent. Strong hematite/limonite/clay alteration. Weakly manganese stained. Disseminated pyrite. Montmorillonite alteration in some areas.
J999029	North	347.5	350	2.5	Quartz feldspar porphyry. Limonite/manganese/hematite on fracture surfaces. Limonite altered. Montmorillonite. Competent. Weak limonite/clay. Disseminated pyrite.
J999030	North	350	350.7	0.7	Quartz feldspar porphyry. Fractured. Limonite/hematite altered. Clay/quartz crystals present. Localized white clay. Phenocrysts are pinkish. Weak scorodite staining. Massive galena.
J999031	North	350.7	352.5	1.8	Quartz feldspar porphyry. Strong limonite/manganese stained fractures. Disseminated pyrite. Limonite/montmoriilonite alteration. Weak hematite.
J999032	North	352.5	355	2.5	Quartz feldspar porphyry. Competent. Limonite/hematite/manganese stained. Localized limonite stained clay. Disseminated pyrite.
J999033	North	355	357	2	Quartz feldspar porphyry. Competent. Limonite/hematite/manganese stained. Localized limonite stained clay. Disseminated pyrite. Calcite/quartz bands. Localized montmorillonite alteration.

Sample Number	Direction	From	To	Interval	Description
J999034	North	357	357.9	0.9	Quartz feldspar porphyry. Limonite/montmorillonite alteration. Fresh porphyry. White clay with quartz. Limonite/manganese staining. Disseminated pyrite.
J999035	North	357.9	359.9	2	Quartz feldspar porphyry. Limonite/montmorillonite alteration. Highly fractured. Patches of fresh porphyry with limonite.
J999036	North	359.9	361.7	1.8	Quartz feldspar porphyry. Limonite/montmorillonite altered. Highly fractured. Patches of fresh porphyry with limonite. Localized white/orange clay. Hematite/manganese/limonite vein. 020/56.
J999037	North	361.7	362.7	1	Highly limonite altered/fractured. Quartz feldspar porphyry hosting white/orange clay vein material. Weak scorodite staining. Massive galena/quartz. Hanging wall. True width is 5cm.
J999038	North	362.7	364.7	2	Limonite stained fractures. Quartz feldspar porphyry. Areas of limonite/clay alteration. Weak hematite/manganese stained. Disseminated pyrite.
J999039	North	364.7	365.7	1	More competent. Quartz feldspar porphyry. Limonite/hematite/manganese on fractures. Large quartz crystals. Disseminated pyrite.
J999040	North	365.7	366.7	1	Highly limonite/hematite altered. Highly fractured. Hematite/limonite/white clay. Quartz crystals throughout. Milky white. Hanging wall.
J999041	North	366.7	367.2	0.5	Highly fractured quartz feldspar porphyry hosting white Llmonite/hematite clay vein material. Quartz crystals. Hanging wall.
J999042	North	367.2	368.5	1.3	Highly fractured quartz feldspar porphyry hosting limonite/hematite/weak white clay. Hanging wall. Local strong hematite alteration.
J999043	North	368.5	369.5	1	Highly limonite/hematite altered. Highly fractured. Hematite/limonite/white clay. Quartz crystals throughout. Milky white. Hanging wall.
J999044	North	369.5	371.5	2	Hematite/limonite clay vein. 130/50. Competent. Footwall. Quartz feldspar porphyry. Weakly limonite altered. Disseminated pyrite.
J999045	North	371.5	372	0.5	Hanging wall of hematite/limonite/white/weak scorodite vein. Clay vein material in quartz feldspar porphyry. Highly fractured. Disseminated pyrite/arsenopyrite.
J999046	North	372	372.5	0.5	Hematite/limonite/white/weak scorodite vein. Gouge in quartz feldspar porphyry. Highly fractured. Disseminated pyrite/arsenopyrite.
J999047	North	372.5	373.5	1	Footwall. Competent. Quartz feldspar porphyry. Hematite/manganese stained fractures. Localized limonite/clay alteration.
J999048	North	373.5	375.5	2	Competent. Quartz feldspar porphyry. Strong hematite/manganese stained fractures. Moderately fractured. Limonite/clay.
J999049	North	375.5	377.5	2	Competent. Quartz feldspar porphyry. Strong hematite/manganese stained fractures. Moderately fractured. Limonite/clay.

Sample Number	Direction	From	To	Interval	Description
J999050	North	377.5	378.5	1	Competent. Quartz feldspar porphyry. Strong hematite/manganese stained fractures. Moderately fractured. Limonite/clay. Hematite/limonite/manganese vein. Staining around vein more intense. True width is 10cm. 128/50.
J999051	North	378.5	380.5	2	Granodiorite. Mostly competent. Limonite/hematite/manganese stained fractures. Local montmorillonite alteration.
J999052	North	380.5	385	4.5	Granodiorite. Mostly competent. Limonite/hematite/manganese stained fractures. Local montmorillonite alteration.
J999053	North	385	386.5	1.5	Quartz feldspar porphyry. Strong limonite/hematite stained fractures. Mostly competent. Manganese stained fractures. Limonite alteration.
J999054	North	386.5	388	1.5	Quartz feldspar porphyry. Strong limonite/hematite stained fractures. Mostly competent. Manganese stained fractures. Limonite alteration. Disseminated pyrite.
J999055	North	388	390	2	Quartz feldspar porphyry. Strong limonite/hematite stained fractures. Mostly competent. Manganese stained fractures. Limonite alteration.
J999056	North	390	395	5	Fresh granodiorite. Minimal limonite staining/alteration. Blueish colour. Unit has high silica and mafic content.
J999057	North	395	400	5	Fresh granodiorite. Minimal limonite staining/alteration. Blueish colour. Unit has high silica and mafic content. 030/80.
J999058	North	400	406.1	6.1	Fresh granodiorite. Minimal limonite staining/alteration. Blueish colour. Unit has high silica and mafic content. 030/80.
J999059	North	406.1	407	0.9	Footwall. Granodiorite. Highly fractured limonite/hematite stained. Weakly competent. Quartz crystals. 112/50.
J999060	North	407	409.5	2.5	Granodiorite. Competent. Weakly limonite altered. Blocky.
J999061	North	409.5	411.5	2	Granodiorite. Stronly limonite/hematite alteration. Areas of limonite/white clay. Weak montmorillonite alteration.
J999062	North	411.5	415	3.5	Granodiorite. Competent. Weakly limonite altered. Blocky.
J999063	North	415	416.5	1.5	Granodiorite. Strong hematite/limonite fractured. Areas of local limonite/clay/montmorillonite alteration. Unit weakly competent Weak manganese.
J999064	North	416.5	418	1.5	Granodiorite. Strong hematite/limonite fractured. Areas of Local limonite/clay/montmorillonite alteration. Unit weakly competent weak manganese.
J999065	North	418	423	5	Fresh granodiorite. Pinkish/bluish. Patches of increasing limonite/montmorillonite alteration.
J999066	North	423	428	5	Fresh granodiorite. Pinkish/bluish. Patches of increasing limonite/montmorillonite alteration.
J999067	North	428	430	2	Fresh granodiorite. Pinkish/bluish. Patches of increasing limonite/montmorillonite alteration.

Sample Number	Direction	From	To	Interval	Description
J999068	North	430	431.5	1.5	Quartz feldspar dyke at 140/58. Hematite/limonite/manganese stained fractures on foot wall. Dyke hosts massive quartz crystals.
J999069	North	431.5	434	2.5	Granodiorite. Moderate hematite/limonite stained fractures. Weakly competent. Random limonite stringers. Weak manganese.
J999070	North	434	436	2	Quartz feldspar dyke at 120/55. Hematite/limonite/weak manganese staining. Highly fractured. Localized hematite/limonite/clay alteration in granodiorite unit.
KL/TR/10/15					
J998950	North	0	5	5	(biotite, quartz, hornblende) granodiorite. Manganese/limonite stained hosting pockets of disseminated pyrite. Localized montmorillonite alteration.
J998951	North	5	10	5	Quartz feldspar porphyry centers (dark blue colour) with pyrite stringers. Manganese/limonite stained/altered outside. Competent, moderately fractured. Blocky.
J998952	North	10	15.7	5.7	Blue stained (quartz, biotite, hornblende) granodiorite with areas of porphyry center rocks. Very little pyrite. Competent moderately fractured.
J998953	North	15.7	16.3	0.6	Intensely manganese stained. Moderately fractured/altered granodiorite hosting extremely fractured hematite stained vein with quartz clasts. Vein is 10cm wide. 140/78.
J998954	North	16.3	19.4	3.1	Manganese/limonite stained. Highly altered intrusive. Lots of quartz hosting very small amounts of pyrite. Very competent.
J998955	North	19.4	19.9	0.5	Limonite/hematite stained quartz feldspar dyke. Sulphide pitted. Hosts grey quartz clasts and lots of intrusive fragments.
J998956	North	19.9	21.5	1.6	Manganese/limonite stained quartz feldspar porphyry hosting disseminated pyrite blebs of coarse grained pyrite. Blue colour. Competent moderately fractured. Localized montmorillonite alteration.
J998957	North	21.5	23.7	2.2	Dark manganese/limonite stained. Highly altered/fractured intrusive. Clay vein material in fractures. Rocks are Limonite altered.
J998958	North	23.7	24.6	0.9	Highly altered/fractured, limonite/manganese stained. Quartz feldspar porphyry hosting disseminated pyrite. Gray quartz clasts. Lots of intrusive fragments. 024/70.
J998959	North	24.6	27.9	3.3	Feldspar porphyry dyke. Mostly tabular. Maximum 1cm feldspar phenocrysts. Matrix dark (chlorite?). Trace pyrite. Competent phenocrysts are pinkish coloured. Intense limonite staining.
J998960	North	27.9	33.9	6	Feldspar porphyry dyke. Chlorite altered matrix. Highly limonite altered. Patches of manganese staining. Trace hematite on fractures. Moderately fractured. 188/67.

Sample Number	Direction	From	To	Interval	Description
J998961	North	33.9	38.9	5	Extremely limonite altered. Feldspar porphyry dyke. Intensely fractured. Patches of montmorillonite alteration. Localized manganese alteration. Unit appears very orange/red.
J998962	North	38.9	39.5	0.6	Intrusive. Extremely hematite/limonite/manganese altered. Local manganese streams (associated limonite/hematite). Highly fractured. Patches of montmorillonite alteration.
J998963	North	39.5	39.9	0.4	Intrusive containing limonite pits. Extremely limonite altered. 6cm massive galena vein. Hematite associated.
J998964	North	39.9	41.9	2	Intrusive. Extremely hematite/limonite/manganese altered. Local manganese streams (associated limonite/hematite) Highly fractured. Patches of montmorillonite alteration.
J998965	North	41.9	42.9	1	Extremely limonite/hematite altered. Clay vein material. Minor manganese. Increased in silica.
J998966	North	42.9	43.8	0.9	Hanging wall. Limonite/manganese stained. Feldspar porphyry dyke. Silica present. Highly fractured. No mineralization. 020/48.
J998967	North	43.8	44.8	1	Foot wall. More competent. Lots of limonite/hematite staining. Local manganese staining. Limonite/clay located in fractures. Feldspar porphyry dyke.
J998968	North	44.8	49.6	4.8	Classic feldspar porphyry dyke. White tabular phenocrysts. Competent limonite/clay located in fractures. Matrix has weak hematite staining.
J998969	North	49.6	50.4	0.8	Foot wall. Vein of limonite/hematite/manganese. Disseminated pyrite/arsenopyrite. Highly fractured. 15cm is the true width.
J998970	North	50.4	52.43	2.03	Highly altered/fractured. Limonite/hematite stained. Quartz feldspar dyke fragments hosted in vein perpendicular to the trench. Bands of hematite/limonite/goethite/weak scorodite hosting disseminated pyrite/arsenopyrite. Dyke fragments are sulphide pitted. Hanging wall. 148/70.
J998971	North	52.43	53.45	1.02	Similar to before. Less alteration. No arsenopyrite. Decrease in limonite alteration. More competent.
J998972	North	53.45	54.65	1.2	Highly altered/fractured intrusive. Some manganese/hematite bands. Hanging wall. Contains limonite/yellow clay.
J998973	North	massive scorodite/arseno rep @ J998970			
J998974	North	54.65	59.65	5	Competent rock. Limonite/hematite stained along fractures. Feldspar porphyry dyke with 3mm white feldspar phenocrysts. Grey matrix.
J998975	North	59.65	61.35	1.7	Competent feldspar porphyry dyke. Weakly limonite stained. Contains limonite/yellow clay bands. Moderately fractured. Disseminated pyrite.
J998976	North	61.35	62.12	0.77	Unit highly fractured/altered. Limonite/minor manganese bands. Minor hematite. Clays. Hanging wall.

Sample Number	Direction	From	To	Interval	Description
J998977	North	62.12	63.72	1.6	Foot wall 140/60. Feldspar porphyry dyke. Fractures contain limonite/clay. Minor hematite. Disseminated pyrite. Minor manganese. More competent.
J998978	North	63.72	68.82	5.1	Feldspar porphyry dyke. Competent with limonite staining on fractures. Local hematite stained matrix. Trace disseminated pyrite.
J998979	North	68.82	69.32	0.5	Competent feldspar porphyry dyke. Local limonite/manganese staining on fractures. Mostly competent. Hanging wall. 120/70.
J998980	North	69.32	70.32	1	Quartz feldspar porphyry hosting a 15cm (true width) hematite/manganese/goethite/limonite/weak scorodite stained vein. Disseminated pyrite/arsenopyrite/sphalerite. Trace galena. Unit highly fractured.
J998981	North	70.32	70.82	0.5	Quartz feldspar porphyry. Competent. Limonite/weak hematite/weak manganese on fractures. 20cm band of montmorillonite alteration. Disseminated pyrite.
J998982	North	70.82	72.47	1.65	Quartz feldspar porphyry. Unit mostly competent. Highly altered/fractured. Limonite/hematite/manganese vein (15cm true width). Contains goethite/limonite/yellow clay alteration. Trace disseminated pyrite. 120/90.
J998983	North	72.47	74.57	2.1	Competent quartz feldspar porphyry. Limonite/weak hematite/manganese on fractures. Disseminated pyrite. Local montmorillonite.
J998984	North	74.57	75.57	1	Competent quartz feldspar porphyry. Limonite/hematite/manganese stained. Increasing hematite to foot wall. Disseminated pyrite. Goethite.
J998985	North	75.57	76.47	0.9	Hanging wall. Hematite/manganese/limonite/clay vein hosted by feldspar porphyry dyke. Mostly competent. Weak scorodite. Disseminated pyrite. 000/74.
J998986	North	76.47	78.12	1.65	Quartz feldspar porphyry. Limonite/montmorillonite alteration. Hosts 30cm limonite/hematite/manganese vein. Disseminated pyrite/sphalerite? 060/90.
J998987	North	78.12	82.12	4	Granodiorite. Fresh. Limonite/hematite along fractures. Competent. Slumped.
J998988	North	82.12	87.12	5	Manganese/limonite stained. Highly altered/moderately fractured intrusive. Clay alteration in fractures. Local manganese alteration.
J998989	North	87.12	88.9	1.78	Granodiorite. Highly limonite altered. Weak hematite. Rock mostly competent. Local montmorillonite alteration. Trace calcite on fractures.
J998990	North	88.9	93	4.1	Granodiorite. Competent. Limonite altered on fractures. Weak hematite. Weak montmorillonite patches. Calcite bands.
J998991	North	93	94.5	1.5	Granodiorite. Limonite altered fractures. Mostly competent. Limonite stained on fractures. Weak montmorillonite alteration.
J998992	North	94.5	96	1.5	Granodiorite. Moderate limonite alteration. Hosts manganese/hematite vein. Highly fractured with montmorillonite alteration.
J998993	North	96	98.5	2.5	Granodiorite. Competent. Decrease in limonite alteration. Weak montmorillonite alteration.

Sample Number	Direction	From	To	Interval	Description
J998994	North	98.5	101	2.5	Granodiorite. Strong montmorillonite alteration. 2mm white clay phenocrysts. Highly limonite altered. Weak hematite. Weak manganese. Increase in calcite bands.
J998995	North	101	103	2	Granodiorite. Weak montmorillonite alteration. Limonite stained. Mostly competent manganese/hematite veins (10cm). 088/80.
J998996	North	103	106	3	Granodiorite. Highly montmorillonite/limonite altered. Increase in calcite bands. Weak hematite alteration.
J998997	North	106	108.5	2.5	Granodiorite. Highly montmorillonite/limonite altered. Increase in calcite bands. Weak hematite alteration. 170/80.
J998998	North	Standard			
J998999	North	108.5	111	2.5	Granodiorite. Competent. Hemitite/limonite on fractures. Montmorillonite. Highly clay/calcite altered.
J999000	North	111	114	3	Granodiorite. Competent. Mostly fresh. Weak montmorillonite. Weak limonite/hematite stained fractures.
J999001	North	114	118	4	Granodiorite. Competent. Limonite/hematite stained fractures. Weak goethite staining.
J999002	North	118	120	2	Quartz feldspar porphyry. Competent. Strongly limonite/hematite/manganese stained. Disseminated pyrite. goethite.
J999003	North	120	121.5	1.5	Quartz feldspar porphyry dyke. Decrease manganese. Coarse quartz crystals. Unit highly fractured. Hanging wall. 095/80.
J999004	North	121.5	122.5	1	Foot wall. Orange/yellow/grey clay vein material. Coarse quartz crystals. Unit highly fractured.
J999005	North	122.5	123.5	1	Orange/yellow/grey clay vein material. Coarse quartz crystals. Unit highly fractured.
J999006	North	123.5	124.5	1	Quartz feldspar dyke. Coarse cubic pyrite. Strongly limonite altered. Hosts 10cm solid quartz vein. Coarse crystals. Vuggy and pitted. 100/90.
J999007	North	124.5	126	1.5	Foot wall. Orange/yellow/weak grey/manganese stained clay. Extremely fractured. Decreased quartz crystals. Clay vein zone.
J999008	North	126	128.5	2.5	Quartz feldspar porphyry. Extremely hematite/manganese stained. Mostly competent. Disseminated pyrite. 100/72.
J999009	North	128.5	129.1	0.6	Foot wall. Yellow/white clay vein. Visible quartz crystals. Highly weathered.
J999010	North	129.1	132.2	3.1	Quartz feldspar porphyry. Highly manganese/hematite/limonite stained. Disseminated pyrite/sphalerite. Mostly competent goethite.
J999011	North	132.2	133	0.8	Foot wall. White-orange coloured clay vein material. Quartz feldspar porphyry containing white phenocrysts. Competent. Weak manganese staining.
J999012	North	133	135.5	2.5	Quartz feldspar porphyry. Strong hematite/manganese/goethite staining. Mostly competent. Soft. Localized white/orange clay. 124/54.

Sample Number	Direction	From	To	Interval	Description
J999013	North	135.5	136.5	1	Quartz feldspar porphyry. Limonite/hematite stained. Extremely weathered clay. Calcite alteration. Local white clay. Disseminated pyrite.
J999014	North	136.5	137.5	1	Quartz feldspar porphyry. Limonite/hematite stained. Extremely weathered clay. Calcite alteration. Local white clay. Disseminated pyrite.
J999015	North	137.5	142	4.5	Quartz feldspar porphyry. Disseminated pyrite/sphalerite. Strong manganese/limonite/weak hematite stained. Mostly competent. 098/82.
J999016	North	142	143	1	Quartz feldspar porphyry hosting white clay with some clay vein material. Clearish, very vuggy. Quartz crystals present.
J999017	North	143	144	1	Quartz feldspar porphyry. Mostly competent. Strong limonite/hematite alteration. Disseminated pyrite.
J999018	North	144	144.5	0.5	Quartz feldspar porphyry. Mostly competent. Strong limonite/hematite alteration. White/orange clay vein material hosting quartz crystals.
J999019	North	144.5	146	1.5	Quartz feldspar porphyry. Strong hematite/limonite/manganese staining. Competent. Disseminated pyrite. Local intense limonite alteration. 140/52.
J999020	North	146	149	3	Quartz feldspar porphyry. Strong hematite/limonite/manganese staining. Competent. Disseminated pyrite. Local intense limonite alteration. 140/52.
J999021	North	149	154	5	Quartz feldspar porphyry. Limonite/manganese staining. Extremely competent. Disseminated pyrite. Weak calcite alteration.
J999022	North	154	159	5	Quartz feldspar porphyry. Limonite/manganese staining. Extremely competent. Disseminated pyrite. Weak calcite alteration.
J999023	North	159	162.3	3.3	Quartz feldspar porphyry. Limonite/manganese staining. Extremely competent. Disseminated pyrite. Weak calcite alteration.
J999024	North	162.3	163.3	1	Quartz feldspar porphyry. Extremely fractured/weathered. Localized limonite/manganese alteration. Clay unit.
KL/TR/10/16					
J999650	North	0	3	3	Blocky granodiorite. Manganese stained fractures. Limonite alteration on fractures.
J999651	North	3	8	5	Granodiorite. Sugary limonite alteration along fractures. Highly fractured. Manganese stained. Moderate montmorillonite alteration. Hematite/manganese stringers throughout.
J999652	North	8	13	5	Granodiorite. Sugary limonite alteration along fractures. Highly fractured. Manganese stained. Moderate montmorillonite alteration. Hematite/manganese stringers throughout.
J999653	North	13	15.5	2.5	Granodiorite. Strongly fractured. Limonite “sugary” alteration on fractures. High montmorillonite alteration. (soft clay phenocrysts). Manganese/hematite stringers throughout. Trace limonite/clay alteration.

Sample Number	Direction	From	To	Interval	Description
J999654	North	15.5	18	2.5	Granodiorite. Highly fractured. Moderately competent. Limonite/manganese stained fractures. Manganese/hematite stringers throughout.
J999655	North	18	20	2	Granodiorite. Highly fractured. Moderately competent, limonite/manganese stained fractures. Manganese/hematite stringers throughout.
J999656	North	20	23.7	3.7	Granodiorite. Strongly fractured. Limonite/hematite alteration on fractures. Sugary hematite/manganese stringers throughout. Trace limonite/clay alteration.
J999657	North	23.7	28.7	5	Granodiorite. Moderately competent, limonite/hematite stained fractures. Hematite/manganese stained fractures throughout. Trace clay alteration. Weak montmorillonite alteration.
J999658	North	28.7	32.7	4	Granodiorite. Strongly fractured. Intense limonite/clay alteration. Montmorillonite altered. Weak hematite/manganese stained fractures. Sugary limonite appearance.
J999659	North	32.7	38	5.3	Granodiorite. Moderately fractured. Strong limonite staining. Weak montmorillonite alteration. Weak hematite/manganese stained fractures.
J999660	North	38	40.5	2.5	Granodiorite. Moderately blocky. Limonite sugary fractures. Moderately competent. Soft clay phenocrysts. Montmorillonite altered. Manganese/limonite/hematite stringers across fractures. Sphalerite present?
J999661	North	40.5	45	4.5	Highly fractured. Sugary limonite alteration. Along fractures. Moderately competent montmorillonite alteration. Hematite/manganese stringers. Trace clay alteration.
J999662	North	45	50	5	Highly fractured. Sugary limonite alteration. Along fractures. Moderately competent montmorillonite alteration. Hematite/manganese stringers. Trace clay alteration.
J999663	North	50	55	5	Granodiorite. Blocky. Limonite stained fractures. Weak calcite alteration. Weak hematite/manganese stained fractures. Intrusive contains fine grained quartz/chlorite/mafic unit fragments.
J999664	North	Standard High Gold			
J999665	North	55	59	4	Granodiorite. Blocky. Moderately fractured. Manganese/hematite stringers throughout unit. Moderate limonite/manganese/hematite stained fractures. Weak montmorillonite alteration.
J999666	North	59	64.5	5.5	Granodiorite. Blocky. Competent. Limonite/manganese stained fractures. Trace montmorillonite/clay alteration. Weak sugary appearance.
J999667	North	64.5	70	5.5	Granodiorite. Moderately fractured. Strong limonite alteration. Sugary. Weak manganese stained fractures.
J999668	North	70	75	5	Granodiorite. Moderately fractured. Strong limonite alteration. Sugary. Weak manganese stained fractures.
J999669	North	75	80	5	Granodiorite. Strong montmorillonite alteration. Highly fractured. Biotite alteration. Soft limonite stained clay phenocrysts. Strong limonite altered/staining. Moderate manganese. Sugary Fx. 130/78

Sample Number	Direction	From	To	Interval	Description
J999670	North	80	81.5	1.5	Extremely fractured granodiorite. Hosting limonite/white/grey clay vein zone. Quartz crystals in clay vein zone.
J999671	North	Blank			
J999672	North	81.5	83	1.5	Granodiorite. Blocky. Moderately fractured. Manganese/limonite stained fractures. Weak hematite staining. Limonite altered (sugary).
J999673	North	83	87	4	Granodiorite. Moderately competent. Limonite/manganese stained fractures. Weak hematite alteration.
J999674	North	87	89.7	2.7	Granodiorite. Highly fractured. Limonite (sugary) alteration. Manganese stained fractures. Moderate limonite/hematite/clay alteration.
J999675	North	89.7	91	1.3	Granodiorite. Extremely fractured. Limonite/white/grey clay vein zone present. Scorodite staining? Quartz crystals throughout. 130/56.
J999676	North	91	96	5	Granodiorite. Moderately competent. Strong hematite/limonite/manganese stained fractures. Manganese/hematite stringers throughout. Trace clay alteration. Unit hosting vuggy quartz vein containing cubic disseminated Pyrite. Intrusive extremely altered.
J999677	North	96	101	5	Granodiorite. Moderately blocky. Sugary limonite alteration along fractures. Manganese stained fractures. Unit contains vuggy quartz vein with Limonite pits and disseminated Pyrite.
J999678	North	101	105.5	4.5	Granodiorite. Highly fractured. Manganese/hematite stringers throughout. Manganese/limonite stained fractures. Weak clay alteration. Quartz crystals throughout stringers. Fx. 108/50.
J999679	North	105.5	106.5	1	Granodiorite. Extremely fractured. Limonite/white/grey clay vein zone. Scorodite stained. Weak hematite alteration. Vuggy quartz vein fragments in zone. Highly Hematite stained.
J999680	North	106.5	107.5	1	Granodiorite. Extremely fractured. Limonite/white/grey clay vein zone. Scorodite stained. Weak hematite alteration. Vuggy quartz vein fragments in zone. Highly Hematite stained.
J999681	North	107.5	108.5	1	Granodiorite. Extremely fractured. Limonite/white/grey clay vein zone. Scorodite stained. Weak hematite alteration. Vuggy quartz vein fragments in zone. Highly Hematite stained.
J999682	North	108.5	113	4.5	Granodiorite. Moderately blocky. Limonite/manganese stained fractures. Manganese/hematite stringers throughout. Sugary limonite alteration along fractures.
J999683	North	113	118	5	Granodiorite. Competent. Sugary limonite alteration along fractures. Trace limonite/clay fractures. Manganese/hematite stained fractures.

Sample Number	Direction	From	To	Interval	Description
J999684	North	118	123	5	Granodiorite. Competent. Sugary limonite alteration along fractures. Trace limonite/clay fractures. Manganese/hematite stained fractures.
J999685	North	123	128	5	Blocky granodiorite. Sugary limonite alteration along fractures. Weak clay alteration. Moderate hematite/manganese stained fractures.
J999686	North	128	136	8	Fresh granodiorite. Limonite stained fractures. Weak hematite staining. Blocky. Unit contains fine grained mafic/quartz unit. Weak limonite/clay alteration.
J999687	North	136	144	8	Fresh granodiorite. Limonite stained fractures. Weak hematite staining. Blocky. Unit contains fine grained mafic/quartz unit. Weak limonite/clay alteration.
J999688	North	144	149	5	Granodiorite. Highly fractured. Limonite (sugary) alteration along fractures. Weak limonite/clay alteration. Weak hematite/Manganese staining. Hematite/manganese stringer throughout.
J999689	North	149	154	5	Granodiorite. Highly fractured. Limonite (sugary) alteration along fractures. Weak limonite/clay alteration. Weak hematite/Manganese staining. Hematite/manganese stringer throughout.
J999690	North	154	162	8	Fresh granodiorite. Limonite stained fractures. Weak hematite staining. Blocky. Unit contains fine grained mafic/quartz unit. Weak limonite/clay alteration.
J999691	North	162	167	5	Granodiorite. Moderately fractured. Limonite/hematite (sugary) alteration along fractures. Limonite/hematite stained. Fx. 168/84.
J999692	North	167	172	5	Granodiorite. Moderately fractured. Limonite/hematite (sugary) alteration along fractures. Limonite/hematite stained. Fx. 168/84.
J999693	North	172	177.5	5.5	Blocky granodiorite. Sugary limonite alteration along fractures. Limonite/hematite stained fractures. Trace manganese stringers. Weak montmorillonite alteration.
KL/TR/10/17					
J999150	North	0	2.3	2.3	Manganese/limonite stained, lightly altered, moderately fractured granodiorite.
J999151	North	2.3	5.24	2.94	Highly altered/fractured, limonite/manganese stained intrusive. Sandy texture. Localized goethite stained areas.
J999152	North	5.24	15.24	10	Montmorillonite altered, competent, lightly fractured granodiorite.
J999153	North	15.24	19.74	4.5	Montmorillonite altered, competent, lightly fractured granodiorite.
J999154	North	19.74	20.64	0.9	Highly altered/moderately fractured, limonite/manganese stained granodiorite with Hemitite band in center. Montmorillonite altered around hematite. 106/80.
J999155	North	20.64	24.34	3.7	Montmorillonite altered, competent, lightly fractured granodiorite. Limonite/manganese stained.
J999156	North	24.34	25.74	1.4	Highly altered/fractured, manganese/limonite/hematite/goethite stained zone. Localized montmorillonite altered intrusive. 147/70.
J999157	North	25.74	26.94	1.2	Montmorillonite altered, competent, lightly fractured granodiorite. Limonite/manganese stained.

Sample Number	Direction	From	To	Interval	Description
J999158	North	26.94	27.44	0.5	Highly altered/fractured, hematite/goethite stained band. Intrusive fragments throughout zone. 111/subvert.
J999159	North	27.44	28.64	1.2	Fresh granodiorite. Moderately fractured. (biotite, hornblende, quartz).
J999160	North	28.64	29.94	1.3	Highly altered/fractured, hematite/goethite stained, limonite altered intrusive. Large zones of montmorillonite alteration.
J999161	North	29.94	32.54	2.6	Manganese/limonite stained. Highly altered/moderately fractured, quartz rich intrusive with localized goethite stained and montmorillonite altered areas. Limonite altered intrusive fragments throughout.
J999162	North	32.54	33.54	1	Highly altered/fractured, limonite/goethite stained intrusive. Localized montmorillonite alteration. Hanging wall.
J999163	North	33.54	35.84	2.3	Highly altered/fractured, clay vein zone (dry). Limonite/goethite stained. Abundant intrusive fragments. Limonite altered. Quartz rich. 137/71.
J999164	North	35.84	38.34	2.5	Highly altered/fractured, limonite/manganese stained intrusive. Clay alteration throughout. Localized hematite and goethite stained zones. Localized montmorillonite alteration.
J999165	North	38.34	39.24	0.9	Fresh . Competent (biotite, hornblende, quartz) granodiorite. Hanging wall.
J999166	North	39.24	40.14	0.9	Fresh . Competent (biotite, hornblende, quartz) granodiorite. Hanging wall.
J999167	North	40.14	43.74	3.6	Highly altered/fractured, limonite altered, goethite stained quartz rich intrusive. Localized clay alteration. 159/70.
J999168	North	43.74	44.24	0.5	Fresh (quartz, biotite, hornblende) granodiorite. Foot wall.
J999169	North	44.24	47.34	3.1	Fresh (quartz, biotite, hornblende) granodiorite.
J999170	North	Blank			
J999171	North	47.34	48.34	1	Highly altered/fractured, manganese/limonite stained intrusive. Hanging wall.
J999172	North	48.34	51.34	3	Highly altered/moderately fractured, limonite/goethite stained intrusive. Areas of highly cooked quartz/feldspar dyke. Hematite staining around these zones. Rock fragments intensely limonite altered. Clay alteration in fractures. 154/75.
J999173	North	51.34	53.84	2.5	Highly altered/fractured, limonite altered, goethite stained intrusive. Localized hematite staining. Clay alteration in fractures.
J999174	North	53.84	54.84	1	Highly altered/moderately fractured, manganese/limonite stained quartz rich intrusive. Sandy texture in fractures. Foot wall.
J999175	North	Standard High Gold			
J999176	North	54.84	64.84	10	Fresh. Very competent Little fractures. (biotite, quartz, hornblende) grandodiorite.
J999177	North	64.84	74.84	10	Fresh. Very competent Little fractures. (biotite, quartz, hornblende) grandodiorite.
J999178	North	74.84	79.84	5	Highly altered/moderately fractured, cooked feldspar/quartz porphyry with minor pyrite disseminated throughout zone. Manganese/limonite stained.

Sample Number	Direction	From	To	Interval	Description
J999179	North	79.84	84.84	5	Highly altered/moderately fractured, cooked feldspar/quartz porphyry with minor pyrite disseminated throughout zone. Manganese/limonite stained.
J999180	North	84.84	85.84	1	Highly altered/fractured, limonite altered, goethite stained intrusive. Weak montmorillonite alteration.
J999181	North	85.84	89.34	3.5	Extremely altered/fractured, limonite stained intrusive. Sandy texture. Localized goethite staining.
J999182	North	89.34	90.34	1	Highly altered/fractured, limonite altered, goethite stained intrusive. Clay altered in fractures. Limonite stringers.
J999183	North	90.34	91.94	1.6	Fresh (quartz, biotite, hornblende) granodiorite. Limonite/manganese stained.
J999184	North	91.94	93.52	1.58	Extremely altered/fractured, limonite stained intrusive. Sandy texture. Localized goethite staining.
J999185	North	93.52	103.52	10	Fresh (quartz, biotite, hornblende) granodiorite. Limonite/manganese stained.
J999186	North	103.52	106.97	3.45	Fresh (quartz, biotite, hornblende) granodiorite. Limonite/manganese stained.
J999187	North	106.97	108.07	1.1	Highly altered/moderately fractured intrusive. Limonite/manganese stained. Localized clay/montmorillonite alteration.
J999188	North	108.07	112.07	4	Manganese/limonite stained/altered, moderately fractured, quartz rich intrusive.
J999189	North	112.07	117.07	5	Manganese/limonite stained/altered, moderately fractured, quartz rich intrusive. Localized montmorillonite alteration.
J999190	North	117.07	119.87	2.8	Highly altered/fractured limonite stained. Sandy texture intrusive. Montmorillonite altered throughout. Localized goethite staining.
J999191	North	119.87	121.47	1.6	Goethite/limonite, altered/stained dyke. Clay alteration in fractures.
J999192	North	121.47	122.47	1	Highly altered/fractured, limonite stained intrusive. Sandy texture. Quartz rich intrusive fragments and montmorillonite alteration throughout. Localized goethite staining. Hanging wall.
J999193	North	122.47	124.77	2.3	Highly altered/fractured, manganese/limonite stained intrusive. Clay vein in fractures. Biotite altered. Localized hematite/goethite staining. Grey quartz clasts.
J999194	North	124.77	127.07	2.3	Clay vein zone. Light yellow colour. Localized hematite staining. Quartz/feldspar dyke fragments. Intrusive fragments throughout. White clay lenses. 134/76.
J999195	North	127.07	128.07	1	Manganese/limonite, stained/moderately fractured dyke. Foot wall.
J999196	North	128.07	129.17	1.1	Manganese/limonite, stained/moderately fractured dyke.
J999197	North	129.17	130.17	1	Manganese/limonite, stained/moderately fractured dyke. Hanging wall.
J999198	North	130.17	131.17	1	Highly altered/fractured, weak clay vein zone hosting quartz/feldspar dyke fragments. Manganese/limonite stained.
J999199	North	131.17	132.77	1.6	Manganese stained limonite altered/stained. Moderately fractured dyke.
J999200	North	132.77	135.87	3.1	Clay vein zone. Yellow/orange colour. Quartz/feldspar dyke and intrusive fragments. Localized hematite staining. Milky quartz clasts throughout. 150/74.

Sample Number	Direction	From	To	Interval	Description
J999201	North	135.87	136.87	1	Manganese/limonite stained, highly altered/fractured intrusive. Clay altered in fractures. Foot wall.
J999202	North	136.87	143.87	7	Manganese/limonite stained, lightly altered (quartz, biotite, hornblende) granodiorite. Moderately fractured.
KL/TR/10/18					
J999100	North	0	10	10	Fresh (biotite, quartz, hornblende) granodiorite. Competent, lightly fractured.
J999101	North	10	20	10	Fresh (biotite, quartz, hornblende) granodiorite. Competent, lightly fractured.
J999102	North	20	22.5	2.5	Fresh (biotite, quartz, hornblende) granodiorite. Competent, lightly fractured.
J999103	North	22.5	27.5	5	Moderate fractured/highly altered intrusive. Manganese/limonite stained. Localized zones of montmorillonite/clay alteration. Sandy texture in fractures.
J999104	North	27.5	32.6	5.1	Moderate fractured/highly altered intrusive. Manganese/limonite stained. Localized zones of montmorillonite/clay alteration. Sandy texture in fractures.
J999105	North	32.6	42.6	10	Fresh (biotite, quartz, hornblende) granodiorite. Competent, lightly fractured.
J999106	North	42.6	52.6	10	Fresh (biotite, quartz, hornblende) granodiorite. Competent, lightly fractured.
J999107	North	52.6	54.4	1.8	Highly altered/fractured, limonite/manganese stained intrusive. Sandy texture weak clay alteration in fractures.
J999108	North	54.4	57.3	2.9	Manganese/limonite stained, lightly altered/moderately fractured (biotite, hornblende, quartz) granodiorite.
J999109	North	57.3	58.52	1.22	Highly altered/fractured limonite stained. Localized montmorillonite alteration. Sandy texture. Light orange colour. Hanging wall.
J999110	North	58.52	59.27	0.75	Goethite/limonite stained, highly altered/blocky fractured intrusive. Limonite altered. Stringers in fractures. Hosting weak pyrite/sphalerite development. Quartz rich intrusive. 124/79. True width = 45cm.
J999111	North	59.27	60.27	1	Highly altered/fractured limonite stained. Localized montmorillonite alteration. Sandy texture. Light orange colour. Foot wall.
J999112	North	60.27	65.27	5	Manganese/limonite stained/altered, moderately fractured intrusive. Sandy texture. Quartz rich, slighty clay altered material in fractures and localized pockets.
J999113	North	65.27	68.77	3.5	Sandy texture. Highly altered/fractured, limonite stained intrusive.
J999114	North	68.77	78.77	10	Competent (biotite, quartz, hornblende) fresh granodiorite.
J999115	North	78.77	87.77	9	Manganese/limonite stained, moderately fractured/competent granodiorite. Areas of dark hematite staining and hematite development in the rock. Sandy limonite stained material in fractures.
J999116	North	87.77	92.77	5	Highly altered/fractured, limonite/manganese stained, sandy texture intrusive. Hematite staining throughout. Larger rock fragments are quartz rich.
J999117	North	92.77	96.87	4.1	Highly altered/fractured, limonite/manganese stained, sandy texture intrusive. Larger rock fragments are quartz rich.

Sample Number	Direction	From	To	Interval	Description
J999118	North	96.87	103.17	6.3	Manganese/limonite stained. Fresh (biotite, quartz, hornblende) granodiorite. Weak clay alteration in fractures. Moderately fractured competent.
J999119	North	103.17	108.17	5	Highly fractured/altered, limonite/manganese stained intrusive. Sandy texture. Some larger rocks are lightly altered (quartz, biotite, hornblende) granodiorite.
J999120	North	108.17	113.17	5	Highly altered/fractured, limonite stained, sandy texture intrusive. Large areas of montmorillonite alteration. Localized zones of clay alteration. Some weak hematite staining.
J999121	North	113.17	118.17	5	Highly altered/fractured, limonite stained, sandy texture intrusive. Large areas of montmorillonite alteration. Localized zones of clay alteration. Some weak hematite staining.
J999122	North	118.17	122.77	4.6	Manganese/limonite/hematite stained, competent, angular, highly altered quartz feldspar porphyry hosting altered disseminated pyrite. Very dark manganese staining.
J999123	North	122.77	127.77	5	Highly altered/fractured, hematite/goethite stained, limonite altered intrusive. Large zones of montmorillonite alteration.
J999124	North	127.77	130.77	3	Highly altered/fractured, hematite/goethite stained, limonite altered intrusive. Large zones of montmorillonite alteration.
J999125	North	130.77	135.33	4.56	Manganese/limonite stained, moderately altered, competent intrusive. Sandy texture (weak montmorillonite alteration) in fractures.
J999126	North	135.33	136.43	1.1	Highly altered/fractured, sandy textured, limonite stained intrusive. Weak montmorillonite alteration throughout.
J999127	North	136.43	139.33	2.9	Blocky, altered/moderately fractured intrusive. Manganese/limonite stained. Localized zones of weak hematite staining.
J999128	North	139.33	140.73	1.4	Highly altered/fractured, manganese/goethite/limonite stained intrusive. Weak montmorillonite alteration.
J999129	North	140.73	146.63	5.9	(biotite, quartz, hornblende) Fresh granodiorite.
J999130	North	146.63	151.63	5	Highly altered/fractured, limonite/manganese stained intrusive. Sandy texture localized weak clay vein zone. Montmorillonite altered. Localized hematite staining.
J999131	North	151.63	153.83	2.2	Goethite/limonite stained, highly altered/fractured intrusive. Intense clay alteration. Grading toclay vein material throughout. Localized hematite staining. Hanging wall.
J999132	North	153.83	155.73	1.9	Weak clay vein zone. Montmorillonite altered. Goethite/limonite stained. Abundant limonite alteration. Intrusive fragments throughout. 142/70.
J999133	North	155.73	156.73	1	Highly altered/fractured, manganese/limonite stained intrusive. Sandy texture/clay alteration in fractures. Foot wall.
J999134	North	156.73	161.73	5	Highly altered/fractured, manganese/limonite stained intrusive. Sandy texture/clay alteration in fractures. Localized clay alteration grading to clay vein material.

Sample Number	Direction	From	To	Interval	Description
J999135	North	161.73	164.4	2.67	Goethite/limonite stained, limonite altered. Sulphide pitted dyke.
J999136	North	164.4	165.4	1	Highly altered/fractured, manganese/limonite stained, sandy texture intrusive. Limonite altered rock fragments.
J999137	North	165.4	166.4	1	Highly altered/fractured, manganese/limonite stained, sandy texture intrusive. Limonite altered rock fragments. Small clay vein zones present. Grading into a clay vein zone. Hanging wall.
J999138	North	166.4	168.2	1.8	Clay vein zone. Yellow colour hosting quartz feldspar dyke fragments. Sulphide pitted. 110/sub-vertical.
J999139	North	168.2	169.5	1.3	Goethite/manganese/limonite stained, highly altered/fractured intrusive. Limonite alteration. Clay alteration in fractures.
J999140	North	169.5	172.3	2.8	Clay vein zone. Some intrusive fragments.
J999141	North	172.3	172.8	0.5	(biotite, quartz, hornblende) fresh granodiorite. Foot wall.
J999142	North	172.8	178	5.2	(biotite, quartz, hornblende) fresh granodiorite.
J999143	North	178	179.32	1.32	Highly altered/fractured, limonite/hemitite stained intrusive. Montmorillonite altered. Large hematite band through zone.
J999144	North	179.32	189.32	10	Fresh, competent (biotite, quartz, hornblende) granodiorite. Moderately fractured.
J999145	North	189.32	199.32	10	Fresh, competent (biotite, quartz, hornblende) granodiorite. Moderately fractured.
J999146	North	199.32	208.82	9.5	Fresh, competent (biotite, quartz, hornblende) granodiorite. Moderately fractured.
KL/TR/10/19					
J981300	North	0	5	5	Highly altered/fractured, manganese/limonite stained intrusive. Large zones of quartz feldspar porphyry hosting disseminated pyrite. Extensive montmorillonite alteration. Few limonite stringers cut zone.
J981301	North	5	6	1	Lightly altered/fractured intrusive. Limonite/manganese stained limonite altered. Clay vein in fractures. Quartz rich. Foot wall.
J981302	North	6	6.7	0.7	Clay vein hosting silicious stealth fighter dyke fragments. Dark colour. Intense hematite/goethite staining. 167/51.
J981303	North	6.7	9.2	2.5	Goethite/limonite stained silicious stealth fighter dyke. Clay altered/hematite staining in fractures. Localized Montmorillonite alteration.
J981304	North	9.2	15	5.8	Lightly altered manganese/limonite stained (quartz, biotite, hornblende) granodiorite. Montmorillonite alteration in fractures.
J981305	North	15	20	5	Lightly altered manganese/limonite stained (quartz, biotite, hornblende) granodiorite. Montmorillonite alteration in fractures.
J981306	North	20	30	10	Fresh (quartz, biotite, hornblende) granodiorite. Light manganese/limonite staining in fractures.
J981307	North	30	40	10	Fresh (quartz, biotite, hornblende) granodiorite. Light manganese/limonite staining in fractures.

Sample Number	Direction	From	To	Interval	Description
J981308	North	40	45	5	Manganese/limonite stained blueish matrix. White feldspar feldspar porphyry dyke (altered). Some hematite staining in fractures.
J981309	North	45	50	5	Altered manganese/limonite stained quartz feldspar porphyry hosting disseminated pyrite grading into a highly altered/fractured limonite manganese stained intrusive. Intense montmorillonite alteration and clay alteration. Localized goethite/hematite staining. Clay vein material in some fractures. Cut by calcite veins up to 4cm wide.
J981310	North	50	52.5	2.5	Manganese/limonite stained (quartz, biotite, hornblende) granodiorite grading into silicious stealth fighter dyke (more apparent on east wall).
J981311	North	52.5	57.5	5	Extremely altered/fractured manganese/limonite stained (stealth fighter) dyke material hosting montmorillonite alteration throughout and goethite/quartz rich bands. Clay alteration in fractures.
J981312	North	57.5	60.7	3.2	Extremely altered/fractured manganese/limonite stained (stealth fighter) dyke material hosting montmorillonite alteration throughout and goethite/quartz rich bands. Clay alteration in fractures.
J981313	North	60.7	66.4	5.7	Manganese/limonite stained feldspar porphyry dyke. Limonite altered/hematite stained zones. Bluish matrix. White feldspars.
J981314	North	66.4	67.9	1.5	Manganese/limonite stained highly altered/fractured intrusive (quartz rich). Localized chlorite/montmorillonite alteration. Clay vein in zone. Clay alteration in fractures.
J981315	North	67.9	69.4	1.5	Manganese/limonite stained highly altered/fractured intrusive (quartz rich). Localized chlorite/montmorillonite alteration. Clay vein in zone. Clay alteration in fractures.
J981316	North	69.4	70.4	1	Manganese/limonite stained, highly altered/moderately fractured limonite/montmorillonite altered quartz rich intrusive. Foot wall.
J981317	North	70.4	71.5	1.1	Breccia style zone hosting quartz rich intrusive fragments. Clay vein in fractures. Intense hematite/goethite staining.
J981318	North	71.5	72.15	0.65	Clay vein zone. White/purple colour. Localized chlorite staining. Quartz fragments throughout.
J981319	North	72.15	72.65	0.5	Silicious goethite/limonite stained stealth fighter dyke. Highly altered/fractured. Abundant clay vein material in fractures.
J981320	North	72.65	74.1	1.45	Intensely hematite/goethite stained gold clay gouge hosting porous semi-massive arsenopyrite/pyrite veins (x2 10 cm wide each). Quartz veins also present through zone. (sulphide pitted) 152/73. True width = 80 cm.
J981321	North	74.1	75.1	1	Quartz feldspar porphyry. Goethite/limonite stained, moderately fractured hosting disseminated pyrite.

Sample Number	Direction	From	To	Interval	Description
J981322	North	75.1	77.7	2.6	Clay vein zone (weak) hosting quartz feldspar porphyry fragments. Localized montmorillonite alteration. Purple staining (hematite?). Hematite stringers through zone. Silicious goethite stained dyke fragments near end of zone.
J981323	North	77.7	78.7	1	Goethite stained (stealth bomber) dyke. Gray matrix (white feldspars). Hanging wall.
J981324	North	78.7	83.7	5	Moderately altered/fractured feldspar porphyry dyke cut by 10 cm large calcite vein. Purple matrix grading to bluish colour. Manganese/limonite stained.
J981325	North	83.7	88.7	5	Highly altered/fractured, purple coloured white feldspar feldspar porphyry dyke.
J981326	North	88.7	89.85	1.15	Clay vein zone. Feldspar porphyry dyke fragments in zone. Light hematite/chlorite staining. Puke yellow colour. 138/78. True Width = 95 cm.
J981327	North	89.85	94.85	5	Manganese/limonite stained, moderately fractured feldspar porphyry dyke. Purple/blue matrix.
J981328	North	94.85	99.85	5	Manganese/limonite stained, moderately fractured feldspar porphyry dyke. Purple/blue matrix.
J981329	North	99.85	104.85	5	Manganese/limonite stained, moderately fractured feldspar porphyry dyke. Purple/blue matrix.
J981330	North	104.85	107.25	2.4	Manganese/limonite stained, moderately fractured feldspar porphyry dyke. Purple/blue matrix.
J981331	North	Blank			
J981332	North	107.25	109.75	2.5	Limonite/manganese stained (biotite, quartz, hornblende) granodiorite. Competent (fresh).
J981333	North	109.75	110.4	0.65	Weak clay vein zone hosting hematite/goethite stained bands. Quartz veins hosting disseminated pyrite in zones. (Almost porphyry style veins). 151/71.
J981334	North	110.4	114.2	3.8	Highly altered/fractured, manganese/limonite stained intrusive. Localized montmorillonite alteration. Hematite staining in fractures. Breccia style bands. Hematite/goethite stained.
J981335	North	Standard Plata			
J981336	North	114.2	124.2	10	Fresh (biotite, quartz, hornblende) granodiorite. Very competent.
J981337	North	124.2	132.1	7.9	Fresh (biotite, quartz, hornblende) granodiorite. Very competent.
J981338	North	132.1	132.9	0.8	Highly altered/fractured, manganese/limonite stained breccia style intrusive. Localized hematite staining. Montmorillonite alteration. Limonite stringers through zone.
J981339	North	132.9	142.9	10	Fresh (biotite, quartz, hornblende) granodiorite. Competent.
J981340	North	142.9	152.9	10	Fresh (biotite, quartz, hornblende) granodiorite. Competent. Limonite stringers. Limonite stained.

Sample Number	Direction	From	To	Interval	Description
J981341	North	152.9	157.2	4.3	Fresh (biotite, quartz, hornblende) granodiorite. Competent. Limonite stringers. Limonite stained.
J981342	North	157.2	159.2	2	Limonite/manganese stained, highly altered/fractured intrusive. Weak montmorillonite alteration.
J981343	North	159.2	160.1	0.9	Limonite/manganese stained, highly altered/fractured intrusive hosting hematite stained bands. Sandy texture 107/70.
J981344	North	160.1	161.2	1.1	Limonite/manganese stained, highly altered/fractured intrusive. Weak montmorillonite alteration.
J981345	North	161.2	162.35	1.15	Highly altered/fractured goethite/hematite stained band. Sandy texture. Clay alteration in fractures.
J981346	North	162.35	166.45	4.1	Manganese/limonite stained. Lightly altered granodiorite. Competent.
J981347	North	166.45	167.75	1.3	Manganese/limonite stained highly altered/fractured intrusive. Blocky. Limonite stringers. Minor hematite/goethite staining.
J981348	North	167.75	169.93	2.18	Manganese/limonite stained, fresh granodiorite.
J981349	North	169.93	171.43	1.5	Limonite/hematite/manganese stained, highly altered/fractured intrusive. Sandy texture. 130/68.
J981350	North	171.43	181.43	10	(biotite, quartz, hornblende) granodiorite. Fresh. Competent.
J981351	North	181.43	191.43	10	(biotite, quartz, hornblende) granodiorite. Fresh. Competent.
J981352	North	191.43	201.43	10	(biotite, quartz, hornblende) granodiorite. Fresh. Competent.
J981353	North	201.43	205.73	4.3	(biotite, quartz, hornblende) granodiorite. Fresh. Competent.
J981354	North	205.73	208.13	2.4	Highly altered/fractured, manganese/limonite stained intrusive.
J981355	North	208.13	212.73	4.6	Fresh granodiorite. Manganese/limonite stained. (biotite, quartz, hornblende).
J981356	North	212.73	215.73	3	Limonite/manganese stained montmorillonite altered intrusive. Highly altered/moderately fractured goethite stained bands.
J981357	North	215.73	217.83	2.1	Fresh (biotite, quartz, hornblende) granodiorite. Competent.
J981358	North	217.83	220.83	3	Limonite/manganese/hematite stained, highly altered/fractured intrusive. Sandy texture. Localized clay alteration. Some montmorillonite alteration.
J981359	North	220.83	225.23	4.4	Fresh granodiorite. Very competent. (biotite, hornblende, quartz).
J981360	North	225.23	226.03	0.8	Intensely hematite/goethite stained, highly altered/fractured intrusive. Sandy texture. Quartz rich fragments throughout. 130/70.
J981361	North	226.03	234.03	8	Manganese/limonite stained (biotite, hornblende, quartz) granodiorite. Competent.
KL/TR/10/20					
J981362	North	0	5	5	Limonite/manganese stained, moderately altered/fractured granodiorite.
J981363	North	5	10	5	Limonite/manganese stained, moderately altered/fractured granodiorite.
J981364	North	10	11.34	1.34	Clayvein zone (yellow-orange) hosting hematite/goethite stained bands. Abundant milky quarts fragments throughout. 140/75.

Sample Number	Direction	From	To	Interval	Description
J981365	North	11.34	13.34	2	Goethite stained. Gray stealth fighter dyke. Silicious.
J981366	North	13.34	14.34	1	Clay vein zone (yellow-orange) hosting hematite/goethite stained bands. Abundant milky quarts fragments throughout. Hanging wall.
J981367	North	14.34	15.14	0.8	Clayvein zone (dry). Localized hematite/goethite staining. Abundant milky quartz and quartz feldspar dyke fragments.
J981368	North	15.14	16.14	1	Deep blood red hemitite band. Highly altered/fractured hosting a 2 cm massive galena vein. Localized scorodite stained zones with disseminated arsenopyrite around these zones. Milky quartz fragments throughout. 140/79. True width = 1m.
J981369	North	16.14	17.84	1.7	Dry clay vein zone. Localized hematite/goethite staining hosting abundant milky quartz and quartz feldspar dyke fragments. (orange/yellow).
J981370	North	17.84	18.84	1	Highly altered/fractured, limonite/manganese/goethite stained intrusive. Clay alteration throughout. 1 cm hematite veinlet runs through zone. Foot wall.
J981371	North	18.84	20.84	2	Dry clay vein zone. Localized hematite/goethite staining hosting abundant milky quartz and quartz feldspar dyke fragments. (orange/yellow).
J981372	North	20.84	21.34	0.5	Highly altered/fractured, hematite/goethite banded intrusive. Dark hemitite staining. Minor montmorillonite alteration. Clay vein present. 132/60.
J981373	North	21.34	26.34	5	Manganese/limonite stained highly altered/moderately fractured intrusive. Goethite/limonite stained fractures (some). Weak, small montmorillonite altered zones. Clay gouge (thin) in fractures around these zones.
J981374	North	26.34	31.34	5	Highly altered/fractured, hematite/goethite banded intrusive. Dark hemitite staining. Minor montmorillonite alteration. Clay vein present. 132/60.
J981375	North	31.34	36.34	5	Manganese/limonite stained, highly altered/moderately fractured intrusive. Goethite/limonite stained fractures (some). Weak, small montmorillonite altered zones. Clay vein material (thin) in fractures around these zones.
J981376	North	36.34	41.34	5	Limonite/manganese stained (light) (biotite, quartz, hornblende) granodiorite. Competent.
J981377	North	41.34	43.64	2.3	Manganese/limonite stained/altered, moderately fractured granodiorite. Limonite alteration in fractures. Localized hemitite staining.
J981378	North	43.64	45.14	1.5	Highly altered/fractured limonite/manganese stained intrusive. Montmorillonite alteration throughout. Localized goethite staining. Sandy texture.
J981379	North	45.14	47.44	2.3	Highly altered/fractured, goethite/limonite stained intrusive. Montmorillonite alteration throughout. Weak clay vein material in fractures. Weak localized hematite staining.
J981380	North	47.44	50.44	3	Extremely altered/fractured, limonite/manganese stained intrusive. Abundant clay vein material in fractures and small zones. Goethite/hematite bands. Localized montmorillonite alteration/limonite altered rock fragments.

Sample Number	Direction	From	To	Interval	Description
J981381	North	50.44	52.24	1.8	Intense dark hematite/goethite stained vein. Clay alteration grading to vein material throughout. Milky quartz fragments (large) hosting disseminated pyrite. 146/75.
J981382	North	52.24	53.24	1	Highly altered/fractured manganese/limonite stained intrusive. Clay alteration in fractures. Foot wall.
J981383	North	53.24	63.24	10	Manganese/limonite stained, fresh (quartz, biotite, hornblende) granodiorite. Competent.
J981384	North	63.24	73.24	10	Manganese/limonite stained, fresh (quartz, biotite, hornblende) granodiorite. Competent.
J981385	North	73.24	79.54	6.3	Manganese/limonite stained, fresh (quartz, biotite, hornblende) granodiorite. Competent.
J981386	North	79.54	81.14	1.6	Goethite/limonite stained breccia style zone. Intrusive. Milky quartz fragments throughout. Limonite altered rock fragments. 134/80.
J981387	North	81.14	91.14	10	Fresh (biotite, hornblende, quartz) granodiorite. Competent.
KL/TR/10/21					
J999709	South	0	1	1	Manganese stained siliceous brown dyke
J999710	South	1	2.18	1.18	Yellow gouge vein
J999711	South	2.18	2.68	0.5	Footwall of massive pyrite vein. Strongly limonitic with hematite banded gouge zones
J999712	South				
J999713	South				
J999714	South				
J999715	South				
J999716	South				
J999717	South				
J999718	South				

APPENDIX III

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

SAMPLING METHODS AND APPROACH

This section describes the sampling methods followed during the 1986 to 1989 exploration programs supervised and described by Archer Cathro and Associates (1981) Ltd., BYG Natural Resources Inc. in 1998 and the 2010 exploration program. There is not sufficient information to comment on the 1980 exploration program conducted by BRX.

Soil samples collected in 1986 and 1998 were taken from a 1400 by 2500 meter northwest trending grid that covers most of the existing property and from another area to the southwest that extends off the property. Soil samples were collected at 50 meter intervals on lines spaced 100 meters apart using two northwest trending base lines for grid control. The base lines are approximately 800 meters apart and marked at 50 meter intervals with one (1) meter wooden lath while the sample sites on cross lines were marked with 0.5 meter lath. All lath bear aluminum tags inscribed with the grid coordinates and sample numbers. The grids were established with hip-chain and compass but later survey control was provided by a hard-chain and transit. The soil samples were taken 20 to 50 centimeters below surface from B horizon material. They were placed in pre-numbered heavy gauge paper bags. A total of 1405 soil samples were collected in 1986 and 776 in 1998.

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

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

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

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

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

SAMPLE PREPARATION, ANALYSIS AND SECURITY

This section describes the sample handling procedures followed during the 1986 to 1989 exploration programs managed by Archer Cathro and Associates (1981) Ltd. Again the author cannot comment on the procedures followed during the 1980 exploration program, but he can comment on the 1998 diamond drill program conducted by BYG.

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

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

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

Sample collection from the 2010 work was done from two locations. All drill core was trucked to Whitehorse for logging and splitting. Trench samples were collected and labelled at the trench. Analytical work was done by ALS Chemex with sample preparation in Whitehorse and assays and geochemical analyses in North Vancouver. All core samples were initially analyzed for gold by fire assay followed by atomic absorption (Au-AA24) and 35 other elements by inductively coupled plasma-atomic emission spectroscopy (ME-ICP41). Overlimit values for

gold were determined by fire assay and gravimetric finish (Au-GRA22) and silver values were determined using Ag-OG62.

APPENDIX IV

CERTIFICATES OF ANALYSIS

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

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

Finalized Date: 26- SEP- 2010
Account: ROCKHA

CERTIFICATE VA10133522

Project: KLAZA

P.O. No.:

This report is for 157 Soil samples submitted to our lab in Vancouver, BC, Canada on 17- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 26- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC93651		0.40	0.008	0.2	1.57	18	<10	230	<0.5	<2	0.24	0.6	6	21	15	2.27
CC93652		0.48	0.030	1.5	1.82	31	<10	510	0.5	<2	0.23	0.8	7	21	41	2.22
CC93653		0.26	0.063	2.7	1.76	18	<10	750	0.7	<2	0.29	1.0	8	31	40	2.51
CC93654		0.66	0.019	0.5	1.37	25	<10	360	0.5	<2	0.29	1.0	7	20	22	2.61
CC93655		0.24	0.037	<0.2	0.59	10	<10	510	<0.5	<2	0.30	0.8	6	9	19	1.47
CC93656		0.40	0.014	<0.2	1.21	41	<10	510	<0.5	<2	0.32	0.7	8	18	15	3.00
CC93657		0.26	0.023	2.0	1.82	34	<10	930	0.7	<2	0.48	2.6	15	24	68	3.43
CC93658		0.58	0.046	0.6	1.32	40	<10	460	0.7	<2	0.35	0.7	9	22	38	3.00
CC93659		0.58	<0.005	<0.2	0.92	5	<10	390	0.8	<2	0.39	<0.5	5	12	8	2.02
CC93660		0.20	0.011	<0.2	1.22	18	<10	430	<0.5	<2	0.39	<0.5	6	18	26	2.34
CC93661		0.48	0.009	<0.2	1.14	11	<10	220	<0.5	<2	0.30	<0.5	6	19	22	1.97
CC93662		0.22	<0.005	<0.2	0.89	4	<10	220	<0.5	<2	0.35	<0.5	5	15	18	1.17
CC93663		0.44	0.010	<0.2	1.21	6	<10	180	<0.5	<2	0.33	<0.5	5	19	17	1.62
CC93664		0.48	0.009	<0.2	1.18	12	<10	220	<0.5	<2	0.33	<0.5	7	18	16	2.08
CC93665		0.42	0.007	<0.2	1.41	11	<10	310	0.5	<2	0.33	<0.5	7	20	21	2.16
CC93666		0.54	0.008	<0.2	1.19	8	<10	230	<0.5	<2	0.37	<0.5	5	20	12	1.82
CC93667		0.46	0.007	<0.2	1.65	11	<10	340	0.6	<2	0.28	<0.5	7	21	22	2.53
CC93668		0.22	0.008	<0.2	0.83	5	<10	280	0.6	<2	0.21	<0.5	15	10	20	2.13
CC93669		0.44	0.008	<0.2	1.66	8	<10	510	0.7	<2	0.31	<0.5	7	21	26	1.97
CC93670		0.52	0.017	0.2	1.53	19	<10	250	0.5	<2	0.25	1.0	8	22	16	2.04
CC93671		0.16	<0.005	<0.2	0.42	4	<10	180	<0.5	<2	0.31	0.6	5	6	20	1.60
CC93672		0.66	0.009	<0.2	1.11	23	<10	260	0.5	<2	0.26	<0.5	5	16	13	2.07
CC93673		0.32	0.011	0.3	0.94	27	<10	230	<0.5	<2	0.30	<0.5	5	12	19	1.76
CC93674		0.44	0.040	2.8	1.43	64	<10	230	<0.5	<2	0.26	0.8	7	21	26	2.37
CC93675		0.54	0.005	<0.2	1.15	10	<10	170	<0.5	<2	0.25	<0.5	5	18	14	1.80
CC93676		0.46	0.005	<0.2	1.53	27	<10	210	<0.5	<2	0.26	<0.5	8	20	18	2.50
CC93677		0.56	0.019	<0.2	1.43	22	<10	330	<0.5	<2	0.36	<0.5	5	22	17	2.34
CC93678		0.32	0.008	0.4	1.89	26	<10	540	0.5	<2	0.34	0.5	8	28	17	3.10
CC93679		0.50	0.017	0.2	1.20	25	<10	290	<0.5	<2	0.29	0.6	8	16	18	2.38
CC93680		0.40	0.019	0.3	1.64	26	<10	560	0.6	<2	0.22	0.5	8	23	24	2.58
CC93681		0.38	0.048	1.9	1.97	56	<10	340	0.5	2	0.23	0.9	7	19	23	3.22
CC93682		0.34	0.032	1.4	2.31	14	<10	350	<0.5	<2	0.23	<0.5	6	24	14	2.12
CC93683		0.32	0.005	0.2	1.23	7	<10	230	<0.5	<2	0.29	<0.5	5	17	16	1.55
CC93684		0.86	0.025	<0.2	1.33	19	<10	220	<0.5	<2	0.29	<0.5	10	21	17	2.18
CC93685		0.28	<0.005	0.5	0.63	6	<10	260	<0.5	<2	0.31	<0.5	18	10	16	2.14
CC93686		0.44	0.009	<0.2	1.15	27	<10	240	<0.5	<2	0.26	<0.5	7	18	16	2.85
CC93687		0.50	0.016	0.3	2.03	6	<10	380	0.6	2	0.34	0.5	6	26	21	1.75
CC93688		0.16	<0.005	0.4	0.84	13	<10	360	0.5	<2	0.49	1.0	13	11	37	3.74
CC93689		0.80	0.007	0.4	1.56	11	<10	350	0.5	<2	0.28	0.7	9	24	17	2.24
CC93690		0.26	0.005	0.4	1.00	8	<10	300	<0.5	<2	0.34	<0.5	5	14	18	2.14

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

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

Finalized Date: 26- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC93651		<10	1	0.07	10	0.35	734	1	0.02	9	700	49	0.04	<2	2	17
CC93652		<10	1	0.09	30	0.38	383	1	0.02	9	770	45	0.03	<2	6	17
CC93653		<10	1	0.11	30	0.28	624	1	0.02	13	960	63	0.07	<2	8	23
CC93654		<10	<1	0.09	20	0.35	430	1	0.02	9	630	164	0.03	<2	5	18
CC93655		<10	<1	0.05	10	0.14	834	1	0.04	7	700	34	0.06	<2	2	20
CC93656		<10	<1	0.09	20	0.29	1035	2	0.02	8	470	79	0.03	<2	3	24
CC93657		10	1	0.15	20	0.38	5810	1	0.03	19	740	50	0.06	2	7	34
CC93658		<10	<1	0.13	30	0.40	507	1	0.03	12	640	70	0.02	2	7	23
CC93659		<10	1	0.16	20	0.28	416	1	0.02	6	860	20	0.02	<2	4	25
CC93660		<10	1	0.09	20	0.31	489	1	0.02	9	500	20	0.03	<2	3	25
CC93661		<10	<1	0.07	20	0.36	221	1	0.02	12	600	11	0.02	<2	4	17
CC93662		<10	<1	0.05	10	0.23	810	1	0.03	8	680	13	0.04	<2	2	25
CC93663		<10	1	0.06	10	0.35	142	1	0.03	10	640	14	0.03	<2	3	19
CC93664		<10	<1	0.07	10	0.37	361	1	0.03	10	700	14	0.03	<2	4	20
CC93665		<10	1	0.07	20	0.30	496	1	0.03	11	740	13	0.05	<2	5	24
CC93666		<10	1	0.06	10	0.33	205	1	0.03	9	830	8	0.04	<2	3	23
CC93667		<10	1	0.07	30	0.35	193	1	0.02	11	630	13	0.04	<2	7	21
CC93668		<10	<1	0.03	10	0.10	1415	1	0.04	6	760	6	0.07	<2	3	19
CC93669		10	1	0.10	30	0.36	302	1	0.02	11	530	18	0.03	<2	7	23
CC93670		<10	<1	0.07	10	0.36	494	1	0.02	10	750	90	0.03	<2	4	15
CC93671		<10	<1	0.02	10	0.07	547	1	0.04	3	930	<2	0.06	<2	2	21
CC93672		<10	1	0.09	20	0.30	284	1	0.02	7	460	24	0.03	<2	4	17
CC93673		<10	<1	0.06	10	0.20	336	1	0.03	7	630	14	0.05	<2	3	18
CC93674		<10	<1	0.08	10	0.38	443	1	0.02	13	420	70	0.03	4	4	18
CC93675		<10	<1	0.06	10	0.37	243	1	0.02	10	380	16	0.02	<2	3	17
CC93676		10	<1	0.08	10	0.36	347	1	0.02	12	480	33	0.02	<2	3	17
CC93677		10	<1	0.09	20	0.38	196	1	0.02	11	590	25	0.03	<2	4	21
CC93678		10	<1	0.11	20	0.46	577	1	0.02	14	420	25	0.03	<2	5	26
CC93679		<10	<1	0.09	10	0.37	614	1	<0.01	8	660	50	0.01	3	4	17
CC93680		<10	<1	0.09	20	0.41	678	1	<0.01	12	390	32	0.01	<2	5	18
CC93681		10	1	0.08	10	0.28	636	2	<0.01	8	1020	72	0.05	2	2	20
CC93682		10	<1	0.08	10	0.32	271	<1	<0.01	9	760	54	0.03	<2	4	18
CC93683		<10	<1	0.04	10	0.24	440	1	0.01	6	890	21	0.05	<2	2	20
CC93684		<10	<1	0.06	20	0.40	387	1	<0.01	9	660	31	<0.01	<2	4	15
CC93685		<10	<1	0.03	<10	0.11	2000	1	0.02	4	980	9	0.06	<2	1	22
CC93686		<10	<1	0.05	10	0.34	410	1	0.01	7	530	46	0.02	<2	3	15
CC93687		10	<1	0.07	30	0.44	183	1	0.01	10	950	27	0.05	<2	5	21
CC93688		<10	<1	0.02	30	0.12	2110	2	0.02	8	1320	8	0.09	<2	2	35
CC93689		<10	<1	0.08	20	0.45	355	1	0.01	13	530	23	0.01	<2	5	17
CC93690		<10	1	0.05	10	0.18	354	1	0.02	5	880	9	0.06	<2	2	21

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

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC93651		<20	0.05	<10	<10	48	<10	115
CC93652		<20	0.03	<10	<10	48	<10	123
CC93653		<20	0.03	<10	<10	58	<10	120
CC93654		<20	0.04	<10	<10	47	<10	161
CC93655		<20	0.03	<10	<10	34	<10	71
CC93656		<20	0.03	<10	<10	44	<10	156
CC93657		<20	0.03	<10	<10	55	<10	173
CC93658		<20	0.06	<10	<10	50	<10	126
CC93659		<20	0.04	<10	<10	36	<10	56
CC93660		<20	0.03	<10	<10	46	<10	67
CC93661		<20	0.06	<10	<10	39	<10	49
CC93662		<20	0.04	<10	<10	27	<10	44
CC93663		<20	0.05	<10	<10	40	<10	49
CC93664		<20	0.06	<10	<10	43	<10	53
CC93665		<20	0.04	<10	<10	41	<10	51
CC93666		<20	0.05	<10	<10	41	<10	53
CC93667		<20	0.03	<10	<10	47	<10	55
CC93668		<20	0.03	<10	<10	33	<10	26
CC93669		<20	0.03	<10	<10	46	<10	65
CC93670		<20	0.05	<10	<10	50	<10	155
CC93671		<20	0.07	<10	<10	55	<10	30
CC93672		<20	0.04	<10	<10	42	<10	53
CC93673		<20	0.04	<10	<10	37	<10	51
CC93674		<20	0.05	<10	<10	45	<10	148
CC93675		<20	0.06	<10	<10	39	<10	62
CC93676		<20	0.07	<10	<10	54	<10	79
CC93677		<20	0.06	<10	<10	48	<10	71
CC93678		<20	0.05	<10	<10	61	<10	104
CC93679		<20	0.06	<10	<10	44	<10	94
CC93680		<20	0.04	<10	<10	49	<10	72
CC93681		<20	0.01	<10	<10	51	<10	164
CC93682		<20	0.03	<10	<10	55	<10	124
CC93683		<20	0.03	<10	<10	34	<10	45
CC93684		<20	0.07	<10	<10	47	<10	73
CC93685		<20	0.05	<10	<10	46	<10	32
CC93686		<20	0.05	<10	<10	49	<10	67
CC93687		<20	0.05	<10	<10	54	<10	73
CC93688		<20	0.08	<10	<10	75	<10	40
CC93689		<20	0.06	<10	<10	48	<10	91
CC93690		<20	0.05	<10	<10	50	<10	46

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

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC93691		0.22	<0.005	0.6	1.34	9	<10	720	0.5	2	0.79	0.7	9	16	36	2.05
CC93692		0.66	0.122	2.3	1.11	107	<10	180	<0.5	4	0.30	1.6	4	18	27	2.28
CC93693		0.66	0.014	0.3	1.00	51	<10	260	0.5	<2	0.34	1.5	7	17	23	2.74
CC93694		0.40	0.067	0.3	1.17	30	<10	240	<0.5	2	0.32	1.1	6	19	21	2.01
CC93695		0.56	0.116	0.6	1.00	25	<10	170	<0.5	5	0.32	<0.5	4	16	16	2.20
CC93696		0.62	0.012	0.6	1.19	19	<10	230	<0.5	<2	0.28	0.5	5	20	23	1.85
CC93697		0.44	<0.005	0.4	1.42	15	<10	310	<0.5	<2	0.39	<0.5	8	25	19	2.49
CC93698		0.34	<0.005	<0.2	1.74	27	<10	620	0.6	<2	0.58	0.7	11	12	14	3.80
CC93699		0.44	0.012	0.4	1.39	15	<10	340	<0.5	<2	0.40	<0.5	7	19	15	2.39
CC93700		0.28	0.057	1.4	1.96	99	<10	500	0.6	<2	0.37	2.1	9	27	40	2.89
CC93701		0.74	0.010	<0.2	1.04	11	<10	510	0.6	<2	0.41	<0.5	10	13	15	3.06
CC93702		0.58	0.005	<0.2	1.38	14	<10	580	0.7	<2	0.41	<0.5	8	20	26	2.75
CC93703		0.38	<0.005	<0.2	1.00	10	<10	380	<0.5	<2	0.37	<0.5	8	13	16	2.45
CC93704		0.50	<0.005	<0.2	0.98	9	<10	310	<0.5	<2	0.27	<0.5	9	20	12	2.77
CC93705		0.54	<0.005	<0.2	1.35	20	<10	320	0.5	<2	0.27	<0.5	8	19	12	2.45
CC93706		0.58	0.088	<0.2	0.93	8	<10	510	0.6	<2	0.30	<0.5	7	11	15	2.55
CC93707		0.58	0.009	0.2	1.09	9	<10	290	<0.5	<2	0.38	0.6	7	16	13	1.71
CC93708		0.44	0.009	0.2	1.25	13	<10	380	<0.5	<2	0.41	0.8	7	16	18	2.14
CC93709		0.48	0.052	<0.2	0.94	12	<10	410	<0.5	<2	0.32	<0.5	7	16	18	2.20
CC93710		0.42	0.006	0.2	1.17	9	<10	410	0.5	<2	0.31	<0.5	7	21	12	2.41
CC93711		0.48	<0.005	0.2	1.33	13	<10	560	0.6	<2	0.35	<0.5	8	21	12	2.98
CC93712		0.56	<0.005	<0.2	1.44	9	<10	500	0.5	<2	0.34	<0.5	5	20	16	2.10
CC93713		0.56	<0.005	<0.2	1.39	14	<10	220	0.5	<2	0.29	<0.5	8	18	15	2.43
CC93714		0.50	<0.005	<0.2	0.94	9	<10	230	<0.5	<2	0.34	<0.5	6	15	10	1.88
CC93715		0.36	0.029	<0.2	1.15	3	<10	280	<0.5	<2	0.35	<0.5	5	16	33	1.50
CC93716		0.32	0.007	1.7	0.98	13	<10	280	0.5	<2	0.38	1.1	5	14	30	2.03
CC93717		0.32	<0.005	<0.2	1.66	7	<10	470	0.6	<2	0.39	<0.5	6	23	41	2.63
CC93718		0.48	<0.005	<0.2	1.71	14	<10	440	0.5	<2	0.35	<0.5	8	25	17	2.87
CC93719		0.42	<0.005	<0.2	1.84	10	<10	570	0.7	<2	0.42	<0.5	8	27	23	2.79
CC93720		0.42	0.005	<0.2	1.53	9	<10	530	0.6	<2	0.41	<0.5	8	20	25	2.66
CC93721		0.42	<0.005	<0.2	0.97	13	<10	500	0.7	<2	0.42	<0.5	9	10	30	3.12
CC93722		0.56	0.017	<0.2	1.20	11	<10	240	0.5	<2	0.30	<0.5	10	13	12	3.59
CC93723		0.44	0.010	<0.2	1.32	45	<10	480	0.8	<2	0.41	<0.5	9	19	15	3.21
CC93724		0.46	0.014	0.2	1.46	15	<10	350	0.5	<2	0.41	0.7	6	15	13	2.25
CC93725		0.52	0.006	<0.2	1.25	19	<10	390	0.7	<2	0.31	<0.5	10	11	13	3.14
CC93726		0.38	<0.005	<0.2	1.54	10	<10	150	<0.5	<2	0.21	<0.5	8	16	13	2.80
CC93727		0.52	<0.005	<0.2	1.13	9	<10	370	<0.5	<2	0.34	<0.5	8	19	13	2.30
CC93728		0.48	<0.005	<0.2	1.28	37	<10	390	0.6	<2	0.32	<0.5	11	18	22	3.30
CC93729		0.38	0.013	0.5	2.11	28	<10	760	0.6	<2	0.59	<0.5	8	25	33	2.83
CC93730		0.38	<0.005	0.2	1.06	18	<10	490	0.8	<2	0.45	<0.5	14	12	18	4.16

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

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

Finalized Date: 26- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC93691		<10	<1	0.05	20	0.21	1610	1	0.02	13	1300	12	0.11	<2	3	52
CC93692		<10	<1	0.08	10	0.37	188	1	<0.01	8	620	168	0.01	5	3	16
CC93693		<10	<1	0.10	20	0.38	761	1	0.01	8	650	66	0.01	<2	5	20
CC93694		10	<1	0.08	10	0.43	194	<1	0.01	9	560	158	0.01	3	4	17
CC93695		<10	1	0.07	10	0.39	218	1	0.01	6	630	62	0.01	2	3	17
CC93696		<10	<1	0.07	10	0.42	222	1	0.01	9	430	73	0.01	<2	4	16
CC93697		10	1	0.08	10	0.47	464	1	0.01	11	680	15	0.03	<2	3	30
CC93698		10	<1	0.21	20	0.64	1155	1	0.01	5	990	18	0.01	<2	9	22
CC93699		<10	<1	0.09	20	0.47	353	1	0.01	9	520	16	0.01	<2	5	22
CC93700		10	<1	0.09	20	0.50	382	1	0.01	12	840	59	0.03	2	6	27
CC93701		<10	<1	0.11	20	0.30	1375	1	0.01	6	520	22	0.02	2	5	26
CC93702		10	<1	0.10	20	0.38	570	1	0.01	11	470	17	0.01	<2	5	25
CC93703		<10	<1	0.09	20	0.34	461	1	0.01	7	580	20	0.01	2	4	25
CC93704		<10	<1	0.08	10	0.31	681	1	0.01	9	420	17	0.01	<2	5	18
CC93705		<10	1	0.08	10	0.34	482	1	0.01	10	510	19	0.01	<2	4	17
CC93706		<10	<1	0.12	20	0.26	1140	2	0.01	5	720	14	0.01	2	6	17
CC93707		<10	<1	0.07	20	0.33	240	<1	0.01	6	800	19	0.01	<2	5	28
CC93708		<10	1	0.08	20	0.33	329	1	0.01	7	790	22	0.04	<2	5	28
CC93709		<10	<1	0.10	20	0.30	563	2	0.01	9	540	20	0.01	3	3	19
CC93710		<10	<1	0.09	10	0.38	435	1	0.01	10	400	13	0.01	<2	4	19
CC93711		<10	<1	0.10	20	0.38	696	1	0.01	10	490	17	0.01	2	5	21
CC93712		<10	<1	0.09	20	0.38	489	1	0.01	10	550	15	0.01	3	5	21
CC93713		10	<1	0.08	10	0.36	366	2	0.01	11	610	19	0.01	<2	4	16
CC93714		<10	<1	0.06	10	0.32	242	3	0.01	7	680	18	0.01	<2	2	17
CC93715		<10	<1	0.06	10	0.30	270	3	0.01	10	640	9	0.02	<2	3	21
CC93716		<10	1	0.09	20	0.29	501	3	0.01	7	710	163	0.01	6	4	21
CC93717		10	<1	0.07	20	0.33	371	4	0.01	12	670	9	0.03	<2	5	30
CC93718		<10	<1	0.10	20	0.49	493	4	0.01	13	560	13	0.03	<2	5	24
CC93719		10	<1	0.11	30	0.49	412	1	0.01	14	600	9	0.05	<2	7	28
CC93720		<10	<1	0.10	20	0.35	503	1	0.01	12	720	9	0.05	<2	5	27
CC93721		<10	<1	0.11	30	0.24	851	3	0.01	7	590	11	0.04	<2	5	27
CC93722		<10	<1	0.11	20	0.39	797	2	<0.01	6	450	11	0.02	<2	6	20
CC93723		<10	1	0.13	30	0.38	1390	1	0.01	10	600	12	0.02	4	10	26
CC93724		<10	1	0.08	30	0.33	318	1	0.01	8	900	25	0.03	<2	5	31
CC93725		<10	<1	0.11	20	0.25	1175	2	0.01	7	700	17	0.02	<2	6	18
CC93726		10	<1	0.09	10	0.31	547	1	0.01	6	460	14	0.02	<2	4	17
CC93727		<10	<1	0.09	10	0.38	536	2	0.01	11	560	21	0.02	<2	4	20
CC93728		10	<1	0.10	20	0.39	924	1	0.01	11	480	360	0.02	<2	5	21
CC93729		10	1	0.11	20	0.39	732	2	0.01	12	1340	87	0.08	<2	5	40
CC93730		<10	1	0.13	20	0.26	1470	1	0.01	6	840	17	0.03	<2	8	26

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Finalized Date: 26- SEP- 2010
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Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC93691		<20	0.04	<10	<10	43	<10	68
CC93692		<20	0.06	<10	<10	47	<10	126
CC93693		<20	0.07	<10	<10	44	<10	190
CC93694		<20	0.07	<10	<10	47	<10	150
CC93695		<20	0.07	<10	<10	45	<10	59
CC93696		<20	0.07	<10	<10	41	<10	75
CC93697		<20	0.07	<10	<10	54	<10	72
CC93698		20	0.13	<10	<10	76	<10	105
CC93699		<20	0.09	<10	<10	50	<10	65
CC93700		<20	0.04	<10	<10	58	<10	301
CC93701		<20	0.03	<10	<10	44	<10	101
CC93702		<20	0.04	<10	<10	48	<10	61
CC93703		<20	0.05	<10	<10	45	<10	57
CC93704		<20	0.06	<10	<10	53	<10	55
CC93705		<20	0.05	<10	<10	45	<10	52
CC93706		<20	0.05	<10	<10	39	<10	63
CC93707		<20	0.06	<10	<10	41	<10	74
CC93708		<20	0.05	<10	<10	44	<10	78
CC93709		<20	0.05	<10	<10	38	<10	65
CC93710		<20	0.06	<10	<10	46	<10	59
CC93711		<20	0.05	<10	<10	52	<10	63
CC93712		<20	0.05	<10	<10	42	<10	50
CC93713		<20	0.05	<10	<10	44	<10	52
CC93714		<20	0.05	<10	<10	37	<10	46
CC93715		<20	0.05	<10	<10	34	<10	40
CC93716		<20	0.04	<10	<10	36	<10	239
CC93717		<20	0.04	<10	<10	56	<10	51
CC93718		<20	0.06	<10	<10	54	<10	73
CC93719		<20	0.06	<10	<10	54	<10	59
CC93720		<20	0.04	<10	<10	50	<10	56
CC93721		<20	0.02	<10	<10	40	<10	66
CC93722		<20	0.05	<10	<10	58	<10	80
CC93723		<20	0.04	<10	<10	48	<10	72
CC93724		<20	0.04	<10	<10	46	<10	98
CC93725		<20	0.03	<10	<10	46	<10	69
CC93726		<20	0.04	<10	<10	59	<10	53
CC93727		<20	0.06	<10	<10	44	<10	52
CC93728		<20	0.05	<10	<10	47	<10	76
CC93729		<20	0.02	<10	<10	55	<10	81
CC93730		<20	0.03	<10	<10	57	<10	106

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC93731		0.20	<0.005	<0.2	1.60	9	<10	670	0.7	<2	0.51	<0.5	9	18	21	2.57
CC93732		0.46	<0.005	<0.2	1.14	13	<10	440	0.5	<2	0.45	<0.5	9	17	13	2.73
CC93733		0.46	<0.005	<0.2	0.83	69	<10	430	<0.5	<2	0.31	<0.5	8	17	12	2.20
CC93734		0.40	0.009	<0.2	1.72	23	<10	570	0.6	<2	0.48	<0.5	10	27	18	2.70
CC93735		0.46	0.005	<0.2	1.25	17	<10	360	<0.5	<2	0.38	<0.5	8	22	16	2.28
CC93736		0.32	0.069	3.7	1.75	73	<10	490	0.5	5	0.52	1.2	9	28	85	3.04
CC93737		0.46	0.009	<0.2	0.94	32	<10	430	1.3	<2	0.51	0.6	10	8	25	4.29
CC93738		0.38	0.014	0.5	1.40	11	<10	300	0.5	<2	0.32	3.1	8	20	15	1.95
CC93739		0.42	0.029	1.8	1.27	36	<10	310	0.5	<2	0.31	6.7	6	20	17	2.13
CC93740		0.64	0.018	0.7	0.92	39	<10	170	<0.5	<2	0.33	1.7	6	16	9	2.11
CC93741		0.54	0.024	0.8	1.21	29	<10	200	<0.5	<2	0.31	1.9	4	19	15	1.88
CC93742		0.54	0.013	<0.2	1.33	36	<10	260	0.5	<2	0.28	0.9	5	21	21	2.16
CC93743		0.50	0.025	<0.2	1.17	26	<10	290	<0.5	<2	0.30	1.1	5	17	16	1.86
CC93744		0.58	0.059	1.8	1.41	88	<10	240	0.5	<2	0.26	2.1	5	21	18	2.18
CC93745		0.36	0.044	1.2	1.29	72	<10	220	<0.5	<2	0.28	1.5	4	20	16	2.11
CC93746		0.40	0.095	1.1	0.55	217	<10	340	0.9	2	0.31	2.4	12	7	24	5.08
CC93747		0.64	0.092	2.5	1.60	208	<10	320	0.6	<2	0.28	1.4	8	22	22	3.11
CC93748		0.42	0.080	2.1	1.48	70	<10	340	0.5	<2	0.31	1.6	6	21	18	1.89
CC93749		0.50	0.027	<0.2	1.50	20	<10	300	<0.5	<2	0.30	1.4	8	24	20	2.02
CC93750		0.42	0.115	<0.2	1.90	24	<10	300	<0.5	<2	0.25	1.3	8	28	20	2.51
CC93751		0.06	0.010	<0.2	1.28	12	<10	240	<0.5	<2	0.23	0.8	4	21	16	1.36
CC93752		0.36	0.035	<0.2	1.07	17	<10	210	<0.5	<2	0.23	2.8	7	18	19	1.44
CC93753		0.42	0.012	<0.2	1.23	11	<10	300	<0.5	<2	0.23	3.2	8	20	17	1.45
CC93754		0.58	0.281	<0.2	1.06	8	<10	220	<0.5	<2	0.23	1.6	4	16	12	1.25
CC93755		0.50	0.013	<0.2	1.37	28	<10	240	0.5	<2	0.25	1.3	6	21	17	2.03
CC93756		0.34	0.026	0.2	1.42	33	<10	280	<0.5	<2	0.22	0.7	5	21	11	1.97
CC93757		0.46	0.021	<0.2	1.36	19	<10	230	<0.5	<2	0.25	1.5	5	21	24	1.77
CC93801		0.50	0.031	1.2	1.19	84	<10	220	<0.5	<2	0.33	1.0	6	18	48	2.25
CC93802		0.54	0.023	0.9	1.24	33	<10	260	<0.5	<2	0.34	0.6	5	19	26	2.04
CC93803		0.14	0.010	0.4	1.33	23	<10	540	0.5	<2	0.77	2.3	7	16	44	1.55
CC93804		0.44	0.043	0.3	1.10	27	<10	200	<0.5	<2	0.33	0.9	7	18	19	2.04
CC93805		0.36	0.027	0.5	0.98	29	<10	190	<0.5	<2	0.33	2.0	5	17	17	1.93
CC93806		0.24	0.009	<0.2	1.07	9	<10	270	<0.5	<2	0.39	2.0	5	16	21	1.59
CC93807		0.30	0.043	<0.2	0.99	15	<10	200	<0.5	<2	0.34	1.6	4	15	17	1.71
CC93808		0.44	0.093	<0.2	0.95	99	<10	170	<0.5	<2	0.31	1.9	4	16	14	1.78
CC93809		0.56	0.057	0.6	1.34	9	<10	270	<0.5	<2	0.28	3.1	4	18	14	1.27
CC93810		0.30	0.015	0.3	0.47	8	<10	90	<0.5	<2	0.35	2.2	7	12	11	2.43
CC93811		0.44	0.024	0.2	1.06	14	<10	200	<0.5	<2	0.29	2.1	9	17	11	1.98
CC93812		0.52	0.061	<0.2	1.23	12	<10	180	<0.5	<2	0.28	1.8	4	19	13	1.36
CC93813		0.44	0.049	<0.2	1.15	17	<10	180	<0.5	<2	0.29	1.8	6	17	10	2.18

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC93731		<10	<1	0.10	20	0.30	630	1	0.02	10	890	10	0.07	<2	5	36
CC93732		<10	<1	0.11	20	0.34	784	1	0.01	10	540	16	0.03	<2	5	25
CC93733		<10	<1	0.08	10	0.21	1535	1	0.01	9	550	25	0.03	<2	3	20
CC93734		<10	1	0.11	10	0.48	409	1	0.01	15	580	16	0.03	<2	6	31
CC93735		<10	1	0.10	20	0.43	443	1	0.01	12	600	17	0.02	<2	5	23
CC93736		10	1	0.13	10	0.53	515	1	0.01	15	620	329	0.06	14	6	34
CC93737		<10	1	0.15	20	0.19	1040	2	0.01	6	900	74	0.03	4	8	25
CC93738		<10	1	0.07	10	0.34	320	1	0.01	12	750	123	0.03	<2	3	20
CC93739		10	1	0.08	20	0.34	460	1	0.01	10	570	162	0.02	<2	5	18
CC93740		<10	<1	0.08	10	0.33	299	1	0.01	7	710	208	0.01	<2	3	19
CC93741		<10	<1	0.07	10	0.34	248	1	0.01	9	610	133	0.02	<2	3	19
CC93742		<10	1	0.07	10	0.37	201	1	<0.01	11	500	134	0.01	<2	4	17
CC93743		<10	<1	0.06	10	0.29	457	1	0.01	9	550	86	0.03	<2	3	20
CC93744		10	<1	0.07	10	0.36	270	1	0.01	12	520	170	0.03	<2	3	18
CC93745		<10	1	0.07	10	0.35	154	1	0.01	11	590	158	0.02	<2	3	17
CC93746		<10	1	0.08	50	0.10	1035	4	<0.01	6	850	103	0.02	8	8	16
CC93747		<10	<1	0.08	20	0.35	279	1	0.01	10	690	175	0.02	2	6	17
CC93748		<10	<1	0.07	20	0.32	251	1	0.01	10	680	162	0.03	2	5	19
CC93749		<10	<1	0.07	10	0.39	251	1	0.01	12	740	41	0.03	<2	4	21
CC93750		10	1	0.08	10	0.40	231	1	0.01	12	830	49	0.04	<2	4	21
CC93751		<10	1	0.05	10	0.32	176	1	0.01	12	650	47	0.04	<2	2	18
CC93752		<10	<1	0.05	10	0.28	320	1	<0.01	9	570	58	0.02	<2	3	14
CC93753		<10	<1	0.05	10	0.34	287	1	0.01	10	510	69	0.03	<2	3	16
CC93754		<10	<1	0.04	10	0.27	164	1	<0.01	7	450	54	0.05	<2	3	15
CC93755		10	<1	0.05	10	0.35	259	1	0.01	10	670	45	0.06	<2	4	16
CC93756		<10	1	0.05	10	0.33	213	1	0.01	10	680	53	0.06	<2	3	15
CC93757		<10	<1	0.06	10	0.34	181	1	0.01	13	660	32	0.07	<2	4	15
CC93801		<10	<1	0.07	10	0.32	560	1	0.01	10	670	86	0.06	<2	4	22
CC93802		<10	<1	0.06	10	0.31	372	1	0.01	10	690	46	0.05	<2	4	22
CC93803		<10	<1	0.06	20	0.20	1175	1	0.02	13	1070	64	0.13	<2	2	51
CC93804		<10	<1	0.06	10	0.30	494	1	0.01	9	660	84	0.05	<2	3	20
CC93805		<10	1	0.06	10	0.31	351	1	0.01	9	600	76	0.03	<2	3	20
CC93806		<10	<1	0.05	10	0.26	380	1	0.01	10	840	61	0.09	<2	3	24
CC93807		<10	1	0.05	10	0.27	302	1	0.01	10	620	63	0.06	<2	2	21
CC93808		<10	<1	0.05	10	0.30	305	1	0.01	8	680	100	0.06	<2	3	17
CC93809		<10	1	0.06	10	0.30	218	1	0.01	7	540	90	0.06	<2	4	16
CC93810		<10	<1	0.02	10	0.16	283	<1	0.01	5	960	33	0.05	<2	1	16
CC93811		<10	<1	0.05	10	0.28	1595	1	0.01	8	760	78	0.06	<2	2	20
CC93812		<10	<1	0.05	10	0.34	136	1	0.01	10	610	74	0.04	<2	2	17
CC93813		<10	<1	0.05	10	0.33	406	1	0.01	9	520	106	0.04	<2	3	18

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

Finalized Date: 26- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC93731		<20	0.04	<10	<10	50	<10	61
CC93732		<20	0.04	<10	<10	43	<10	79
CC93733		<20	0.03	<10	<10	34	<10	78
CC93734		<20	0.05	<10	<10	50	<10	78
CC93735		<20	0.07	<10	<10	46	<10	69
CC93736		<20	0.06	<10	<10	55	<10	220
CC93737		<20	0.01	<10	<10	45	<10	135
CC93738		<20	0.03	<10	<10	42	<10	272
CC93739		<20	0.04	<10	<10	40	<10	398
CC93740		<20	0.05	<10	<10	38	<10	240
CC93741		<20	0.04	<10	<10	37	<10	227
CC93742		<20	0.05	<10	<10	42	<10	183
CC93743		<20	0.04	<10	<10	42	<10	142
CC93744		<20	0.05	<10	<10	43	<10	259
CC93745		<20	0.04	<10	<10	44	<10	240
CC93746		20	0.01	<10	<10	36	<10	370
CC93747		<20	0.03	<10	<10	47	<10	250
CC93748		<20	0.03	<10	<10	43	<10	212
CC93749		<20	0.05	<10	<10	46	<10	149
CC93750		<20	0.04	<10	<10	53	<10	181
CC93751		<20	0.03	<10	<10	38	<10	147
CC93752		<20	0.03	<10	<10	39	<10	153
CC93753		<20	0.04	<10	<10	43	<10	188
CC93754		<20	0.03	<10	<10	31	<10	157
CC93755		<20	0.05	<10	<10	52	<10	184
CC93756		<20	0.04	<10	<10	44	<10	174
CC93757		<20	0.05	<10	<10	38	<10	150
CC93801		<20	0.04	<10	<10	39	<10	184
CC93802		<20	0.04	<10	<10	43	<10	119
CC93803		<20	0.03	<10	<10	28	<10	144
CC93804		<20	0.04	<10	<10	40	<10	140
CC93805		<20	0.04	<10	<10	37	<10	188
CC93806		<20	0.03	<10	<10	31	<10	143
CC93807		<20	0.04	<10	<10	37	<10	176
CC93808		<20	0.05	<10	<10	39	<10	283
CC93809		<20	0.03	<10	<10	33	<10	302
CC93810		<20	0.14	<10	<10	90	<10	124
CC93811		<20	0.04	<10	<10	34	<10	213
CC93812		<20	0.04	<10	<10	36	<10	198
CC93813		<20	0.04	<10	<10	41	<10	210

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC93814		0.28	0.006	<0.2	0.75	5	<10	160	<0.5	<2	0.27	1.3	6	13	10	1.90
CC93815		0.32	0.010	<0.2	1.15	34	<10	220	<0.5	<2	0.32	1.2	8	20	13	4.05
CC93816		0.40	0.018	<0.2	0.95	8	<10	140	<0.5	<2	0.27	1.0	3	15	9	1.15
CC93817		0.38	0.009	<0.2	1.36	28	<10	250	<0.5	<2	0.25	2.4	7	19	16	3.22
CC93818		0.20	0.016	<0.2	1.05	10	<10	200	<0.5	<2	0.30	4.3	4	17	20	1.11
CC93819		0.28	0.006	<0.2	0.87	5	<10	190	<0.5	<2	0.29	4.1	8	15	23	1.76
CC93820		0.32	0.012	0.3	1.62	5	<10	370	0.6	<2	0.31	9.9	5	26	51	1.57
CC93821		0.14	0.009	<0.2	0.96	11	<10	210	<0.5	<2	0.34	3.7	6	17	29	2.02
CC93822		0.18	0.008	<0.2	1.22	5	<10	280	<0.5	<2	0.21	2.2	4	19	26	1.22
CC93823		0.48	0.111	0.9	1.29	184	<10	290	<0.5	2	0.29	1.4	7	19	28	2.51
CC93824		0.40	0.100	1.0	1.30	82	<10	370	<0.5	<2	0.35	1.6	5	18	27	2.27
CC93825		0.48	0.036	1.0	1.50	48	<10	290	<0.5	<2	0.29	1.1	4	21	19	2.15
CC93826		0.76	0.051	0.3	1.18	60	<10	190	<0.5	<2	0.26	1.9	5	17	22	2.09
CC93827		0.54	0.029	0.3	1.00	31	<10	170	<0.5	<2	0.31	1.6	5	18	20	1.61
CC93828		0.40	0.028	0.9	1.28	38	<10	220	<0.5	<2	0.26	1.4	6	17	16	2.86
CC93829		0.62	0.253	<0.2	1.13	13	<10	210	<0.5	<2	0.30	1.5	4	19	17	1.42
CC93830		0.24	0.014	0.3	0.81	16	<10	150	<0.5	3	0.25	1.0	5	14	14	1.88
CC93831		0.38	0.016	0.6	1.31	8	<10	280	<0.5	2	0.29	1.6	5	20	17	1.06
CC93832		0.30	0.013	0.3	1.09	6	<10	250	<0.5	2	0.27	1.1	4	17	10	0.98
CC93833		0.26	0.010	0.3	1.24	9	<10	220	<0.5	4	0.26	1.5	4	18	10	1.08
CC93834		0.54	0.013	<0.2	1.09	17	<10	190	<0.5	4	0.21	1.9	5	18	15	1.74
CC93835		0.30	0.013	0.5	1.27	15	<10	230	<0.5	2	0.23	2.3	6	20	16	1.48
CC93836		0.18	0.013	<0.2	0.91	5	<10	250	<0.5	3	0.28	3.7	4	15	18	1.06
CC93837		0.38	0.029	<0.2	1.09	9	<10	190	<0.5	3	0.25	1.0	7	29	16	1.59
CC93838		0.28	0.015	<0.2	1.27	6	<10	220	<0.5	2	0.27	2.2	4	22	17	1.06
CC93839		0.20	0.014	<0.2	1.20	11	<10	190	<0.5	3	0.26	2.5	4	20	21	1.25
CC93840		0.28	0.856	1.9	1.95	17	<10	320	0.5	4	0.28	4.1	6	23	39	1.48
CC93841		0.46	0.349	0.5	1.32	15	<10	210	<0.5	3	0.26	1.0	5	20	19	1.52
CC93842		0.40	0.118	0.4	1.53	23	<10	200	<0.5	2	0.22	0.7	5	21	17	2.14
CC93843		0.30	0.026	0.7	1.37	10	<10	370	<0.5	2	0.24	2.0	5	23	27	1.31
CC93844		0.54	0.053	<0.2	1.19	21	<10	170	<0.5	2	0.26	0.9	5	20	18	1.78
CC93845		0.30	0.028	0.3	0.96	8	<10	170	<0.5	2	0.25	0.7	3	17	13	0.90
CC93846		0.26	0.157	0.2	0.80	13	<10	130	<0.5	3	0.25	0.6	4	15	9	1.82
CC93847		0.36	0.008	0.3	1.26	6	<10	230	<0.5	3	0.25	0.6	4	19	11	1.10
CC93848		Not Recvd														
CC93849		Not Recvd														
CC93850		0.34	0.150	<0.2	0.77	14	<10	120	<0.5	4	0.23	1.2	4	13	16	1.28

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VANCOUVER BC V6B 1L8

Finalized Date: 26- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC93814		<10	<1	0.03	10	0.19	256	1	0.01	7	780	11	0.06	<2	1	20
CC93815		<10	1	0.04	10	0.25	860	2	0.01	9	890	60	0.08	<2	2	25
CC93816		<10	1	0.04	10	0.29	143	1	0.01	8	570	55	0.03	<2	2	15
CC93817		<10	1	0.04	10	0.29	405	2	0.01	8	700	26	0.06	<2	2	21
CC93818		<10	<1	0.03	10	0.22	136	1	0.02	8	840	23	0.08	<2	2	23
CC93819		<10	1	0.03	10	0.16	809	1	0.02	8	810	31	0.07	<2	1	23
CC93820		<10	<1	0.04	10	0.21	209	1	0.01	8	1400	46	0.15	<2	3	28
CC93821		<10	1	0.03	10	0.17	450	1	0.01	6	1100	20	0.10	<2	2	27
CC93822		<10	1	0.05	10	0.20	167	<1	0.02	8	940	23	0.09	<2	2	19
CC93823		<10	1	0.08	10	0.32	500	2	0.01	10	540	183	0.05	<2	4	23
CC93824		<10	1	0.06	10	0.30	440	2	0.01	10	740	115	0.05	<2	4	23
CC93825		<10	<1	0.07	10	0.36	216	1	0.01	10	540	108	0.03	<2	4	19
CC93826		<10	<1	0.07	10	0.30	227	1	0.01	10	610	149	0.03	<2	4	16
CC93827		<10	<1	0.06	20	0.32	176	1	0.01	8	680	353	0.03	<2	4	17
CC93828		<10	<1	0.06	10	0.30	271	1	0.01	8	600	109	0.04	<2	3	16
CC93829		<10	<1	0.06	10	0.33	135	1	0.01	10	580	78	0.02	<2	3	16
CC93830		<10	<1	0.03	10	0.18	133	1	0.02	6	830	31	0.04	<2	2	15
CC93831		<10	1	0.05	10	0.32	177	<1	0.01	8	560	83	0.03	<2	3	19
CC93832		<10	<1	0.04	10	0.29	218	1	0.01	6	520	37	0.02	<2	2	17
CC93833		10	<1	0.05	10	0.32	152	1	0.01	7	540	78	0.02	<2	2	17
CC93834		<10	<1	0.04	10	0.31	129	1	0.01	6	540	57	0.02	<2	2	14
CC93835		<10	<1	0.05	10	0.33	144	1	0.01	9	700	54	0.02	<2	3	16
CC93836		<10	<1	0.04	10	0.17	282	<1	0.02	5	860	19	0.07	<2	2	21
CC93837		<10	<1	0.05	10	0.34	238	1	0.01	11	580	29	0.01	<2	2	15
CC93838		10	<1	0.05	10	0.29	176	<1	0.01	6	670	32	0.05	<2	2	21
CC93839		<10	<1	0.04	10	0.25	154	1	0.02	6	890	19	0.07	<2	2	20
CC93840		10	<1	0.07	10	0.32	293	1	0.01	7	790	105	0.06	2	3	20
CC93841		<10	<1	0.06	10	0.36	220	1	0.01	6	620	69	0.02	<2	3	16
CC93842		10	<1	0.07	10	0.36	178	1	0.01	6	630	51	0.01	<2	3	15
CC93843		10	<1	0.07	10	0.26	246	1	0.02	7	700	37	0.05	<2	2	19
CC93844		<10	<1	0.06	10	0.37	147	1	0.01	7	660	41	0.01	<2	2	16
CC93845		<10	<1	0.04	10	0.23	147	<1	0.01	4	700	28	0.04	<2	2	19
CC93846		<10	<1	0.04	10	0.21	211	1	0.01	5	730	17	0.03	<2	1	19
CC93847		<10	<1	0.04	10	0.31	126	1	0.01	6	620	38	0.03	<2	2	20
CC93848																
CC93849																
CC93850		<10	<1	0.04	10	0.24	142	1	0.01	4	700	31	0.02	<2	2	14

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 26- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133522

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
CC93814		<20	0.06	<10	<10	49	<10	105
CC93815		<20	0.04	<10	<10	44	<10	152
CC93816		<20	0.05	<10	<10	29	<10	104
CC93817		<20	0.04	<10	<10	48	<10	167
CC93818		<20	0.04	<10	<10	31	<10	116
CC93819		<20	0.04	<10	<10	30	<10	101
CC93820		<20	0.03	<10	<10	27	<10	127
CC93821		<20	0.03	<10	<10	45	<10	86
CC93822		<20	0.03	<10	<10	28	<10	104
CC93823		<20	0.03	<10	<10	39	<10	234
CC93824		<20	0.03	<10	<10	40	<10	190
CC93825		<20	0.03	<10	<10	43	<10	204
CC93826		<20	0.04	<10	<10	41	<10	199
CC93827		<20	0.05	<10	<10	41	<10	191
CC93828		<20	0.03	<10	<10	41	<10	205
CC93829		<20	0.05	<10	<10	39	<10	178
CC93830		<20	0.06	<10	<10	60	<10	93
CC93831		<20	0.04	<10	<10	49	<10	138
CC93832		<20	0.04	<10	<10	27	<10	128
CC93833		<20	0.03	<10	<10	40	<10	141
CC93834		<20	0.04	<10	<10	38	<10	115
CC93835		<20	0.04	<10	<10	38	<10	128
CC93836		<20	0.03	<10	<10	31	<10	89
CC93837		<20	0.05	<10	<10	37	<10	95
CC93838		<20	0.04	<10	<10	28	<10	98
CC93839		<20	0.03	<10	<10	31	<10	85
CC93840		<20	0.03	<10	<10	65	<10	133
CC93841		<20	0.05	<10	<10	54	<10	135
CC93842		<20	0.04	<10	<10	63	<10	129
CC93843		<20	0.04	<10	<10	49	<10	122
CC93844		<20	0.05	<10	<10	52	<10	120
CC93845		<20	0.03	<10	<10	27	<10	81
CC93846		<20	0.06	<10	<10	52	<10	70
CC93847		<20	0.03	<10	<10	35	<10	101
CC93848								
CC93849								
CC93850		<20	0.05	<10	<10	46	<10	87

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- SEP- 2010
Account: ROCKHA

CERTIFICATE VA10133523

Project: KLAZA

P.O. No.:

This report is for 134 Soil samples submitted to our lab in Vancouver, BC, Canada on 17- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC93501		0.54	0.012	1.2	1.46	27	<10	280	0.5	2	0.33	2.7	7	18	17	2.36
CC93502		0.46	0.023	0.7	1.22	25	<10	160	<0.5	2	0.23	1.5	4	18	16	1.70
CC93503		0.26	0.012	1.3	1.46	29	<10	200	<0.5	3	0.25	2.0	6	22	17	2.22
CC93504		0.26	0.016	1.0	1.08	48	<10	260	<0.5	2	0.30	1.9	6	16	18	2.03
CC93505		0.34	0.030	1.3	1.25	53	<10	230	<0.5	3	0.31	1.2	5	16	20	2.11
CC93506		0.66	0.027	0.9	1.49	86	<10	300	0.6	3	0.33	1.3	7	23	23	2.69
CC93507		0.46	0.107	2.4	1.60	194	<10	460	0.7	2	0.32	2.2	8	22	20	2.77
CC93508		0.42	0.056	1.9	1.88	107	<10	630	0.6	<2	0.30	1.3	14	21	23	3.86
CC93509		0.30	0.075	3.7	1.53	57	<10	420	0.5	2	0.32	1.0	4	21	24	1.44
CC93510		0.30	0.043	2.6	0.97	349	<10	280	0.5	3	0.32	2.6	7	14	22	5.40
CC93511		0.54	0.039	0.9	0.94	44	<10	240	<0.5	2	0.30	1.0	5	17	9	1.96
CC93512		0.12	0.026	1.4	1.45	49	<10	450	<0.5	2	0.34	0.8	5	21	15	2.11
CC93513		0.30	0.018	0.5	0.79	8	<10	260	<0.5	3	0.35	0.6	5	13	10	1.99
CC93514		0.72	0.024	0.7	1.12	18	<10	220	<0.5	3	0.31	0.6	4	18	11	1.71
CC93515		0.30	0.012	0.2	0.47	13	<10	170	<0.5	3	0.28	0.9	3	7	12	1.13
CC93516		0.56	0.070	0.4	0.72	14	<10	120	<0.5	2	0.33	<0.5	4	14	5	1.47
CC93517		0.34	0.022	0.4	0.94	7	<10	250	<0.5	2	0.46	<0.5	3	15	10	1.10
CC93518		0.36	0.018	0.5	0.53	23	<10	130	<0.5	2	0.25	<0.5	2	8	20	1.26
CC93519		0.30	0.009	0.4	0.27	5	<10	80	<0.5	<2	0.26	0.5	4	3	11	1.21
CC93520		0.30	0.008	0.2	0.69	3	<10	210	<0.5	3	0.32	<0.5	4	9	14	0.97
CC93521		0.30	0.009	0.3	1.05	20	<10	340	<0.5	2	0.39	0.5	4	13	17	1.93
CC93522		0.38	0.017	<0.2	0.82	14	<10	220	<0.5	2	0.31	<0.5	4	11	10	1.76
CC93523		0.26	0.007	0.3	0.72	8	<10	210	<0.5	4	0.36	0.7	4	12	8	1.22
CC93524		0.64	0.037	1.8	0.96	75	<10	460	0.7	2	0.42	2.2	8	13	23	2.85
CC93525		0.42	0.043	1.1	0.77	122	<10	380	0.8	2	0.38	1.5	7	12	18	2.93
CC93526		0.70	0.008	0.2	0.46	17	<10	500	1.2	3	0.87	<0.5	5	3	4	1.86
CC93527		0.68	0.019	0.5	0.37	84	<10	260	1.1	3	3.70	2.6	5	2	5	2.70
CC93528		0.48	0.096	2.9	0.91	235	<10	660	1.2	4	0.62	2.4	12	9	33	5.44
CC93529		0.40	0.012	0.3	1.03	24	<10	420	0.6	<2	0.37	0.7	8	18	20	2.34
CC93530		0.32	NSS	0.7	0.88	46	<10	330	0.6	2	0.33	1.2	9	13	26	2.81
CC93531		0.46	0.019	0.7	0.96	40	<10	240	<0.5	2	0.37	1.1	6	17	17	2.16
CC93532		0.52	0.013	0.2	0.99	20	<10	220	<0.5	2	0.34	0.6	8	16	21	2.34
CC93533		0.82	0.502	<0.2	1.71	34	<10	310	0.5	5	0.32	1.7	10	16	93	2.73
CC93534		0.62	0.024	0.7	1.57	24	<10	250	<0.5	2	0.30	1.1	8	21	16	2.24
CC93535		0.72	0.033	1.2	1.09	56	<10	330	0.7	2	0.32	2.7	7	19	22	2.34
CC93536		0.44	0.015	<0.2	2.24	54	<10	1330	1.3	3	0.61	2.4	31	12	94	5.63
CC93537		0.56	0.048	<0.2	1.31	16	<10	290	<0.5	3	0.33	0.5	6	20	15	2.06
CC93538		0.60	0.006	<0.2	1.26	16	<10	270	<0.5	3	0.34	0.6	8	19	13	2.06
CC93539		0.92	0.010	0.2	1.25	23	<10	270	<0.5	3	0.33	0.7	8	21	20	2.16
CC93540		0.58	0.011	0.3	1.18	31	<10	340	<0.5	3	0.32	0.7	7	19	13	1.96

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

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

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

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC93501		<10	<1	0.08	10	0.49	439	1	0.01	8	590	62	0.01	<2	3	18
CC93502		10	<1	0.06	10	0.29	172	1	0.01	7	470	80	0.02	<2	2	18
CC93503		10	<1	0.07	10	0.37	326	1	0.01	9	590	103	0.03	<2	3	19
CC93504		<10	<1	0.07	10	0.29	356	1	0.02	10	680	65	0.02	<2	3	19
CC93505		<10	<1	0.07	10	0.28	284	1	0.02	8	730	113	0.02	2	3	21
CC93506		<10	1	0.08	20	0.41	502	1	0.01	11	590	85	0.01	2	5	22
CC93507		<10	<1	0.10	20	0.38	503	1	0.01	11	460	139	0.02	2	5	24
CC93508		<10	<1	0.07	20	0.31	2170	2	0.02	10	930	68	0.04	<2	5	22
CC93509		<10	<1	0.06	10	0.30	250	<1	0.02	6	1030	124	0.05	<2	4	24
CC93510		<10	<1	0.05	20	0.21	1095	2	0.02	6	730	104	0.04	<2	3	22
CC93511		<10	<1	0.05	10	0.30	288	1	0.02	8	590	44	0.01	<2	3	19
CC93512		10	<1	0.07	10	0.34	239	<1	0.02	8	630	69	0.03	<2	4	24
CC93513		<10	<1	0.04	10	0.20	324	<1	0.02	5	800	20	0.03	<2	2	23
CC93514		<10	<1	0.06	10	0.33	144	1	0.01	8	690	40	0.01	<2	3	18
CC93515		<10	<1	0.03	10	0.09	214	<1	0.03	2	770	10	0.04	<2	1	19
CC93516		<10	<1	0.04	10	0.29	123	1	0.01	4	700	28	<0.01	<2	2	16
CC93517		<10	<1	0.05	10	0.26	196	<1	0.02	5	790	13	0.04	<2	2	28
CC93518		<10	<1	0.03	10	0.10	88	1	0.03	7	670	9	0.04	<2	2	16
CC93519		<10	<1	0.02	<10	0.06	277	1	0.04	2	620	2	0.02	<2	1	17
CC93520		<10	<1	0.04	10	0.15	231	<1	0.03	4	500	5	0.03	<2	2	21
CC93521		<10	<1	0.05	10	0.23	154	1	0.02	6	690	12	0.05	<2	3	27
CC93522		<10	<1	0.05	10	0.20	120	1	0.02	5	660	11	0.02	<2	2	19
CC93523		<10	<1	0.04	10	0.24	345	<1	0.02	4	680	15	0.03	<2	2	20
CC93524		<10	<1	0.11	30	0.30	1355	1	0.01	7	740	131	0.02	2	6	22
CC93525		<10	<1	0.11	30	0.28	1430	1	0.01	7	730	88	0.01	4	6	22
CC93526		<10	<1	0.17	20	0.13	1445	1	0.01	<1	550	29	0.01	<2	4	39
CC93527		<10	<1	0.18	30	0.14	1960	1	0.01	<1	700	32	0.05	2	4	44
CC93528		<10	<1	0.15	40	0.25	5100	3	0.01	6	770	156	0.38	8	10	37
CC93529		<10	<1	0.10	20	0.35	615	1	0.02	9	570	52	0.01	2	6	22
CC93530		<10	<1	0.09	20	0.26	877	1	0.01	12	760	55	0.01	3	6	17
CC93531		<10	<1	0.08	20	0.38	491	1	0.02	9	680	50	0.01	<2	5	23
CC93532		<10	<1	0.07	20	0.38	470	1	0.01	8	720	28	<0.01	<2	4	17
CC93533		10	<1	0.11	20	0.48	607	2	0.01	6	790	19	0.01	<2	4	18
CC93534		<10	<1	0.07	10	0.39	490	1	0.01	9	770	96	0.01	<2	4	18
CC93535		<10	<1	0.09	20	0.34	1040	2	0.01	9	680	127	0.01	<2	6	23
CC93536		10	<1	0.23	30	0.69	2560	3	0.03	8	1600	21	0.01	2	13	28
CC93537		<10	<1	0.08	20	0.40	375	1	0.01	10	670	24	0.01	<2	4	20
CC93538		<10	<1	0.08	10	0.40	746	1	0.01	10	690	30	0.01	<2	4	20
CC93539		<10	<1	0.09	20	0.40	516	1	0.01	11	660	33	0.01	<2	6	19
CC93540		<10	<1	0.07	10	0.36	1270	1	0.01	9	590	29	0.01	<2	3	18

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

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

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

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC93501		<20	0.10	<10	<10	49	<10	204
CC93502		<20	0.05	<10	<10	41	<10	98
CC93503		<20	0.06	<10	<10	49	<10	118
CC93504		<20	0.05	<10	<10	44	<10	144
CC93505		<20	0.05	<10	<10	44	<10	178
CC93506		<20	0.06	<10	<10	50	<10	163
CC93507		<20	0.03	<10	<10	47	<10	254
CC93508		<20	0.02	<10	<10	53	<10	144
CC93509		<20	0.02	<10	<10	31	<10	137
CC93510		<20	0.05	<10	<10	84	<10	144
CC93511		<20	0.06	<10	<10	42	<10	109
CC93512		<20	0.03	<10	<10	40	<10	123
CC93513		<20	0.06	<10	<10	46	<10	69
CC93514		<20	0.05	<10	<10	37	<10	87
CC93515		<20	0.04	<10	<10	27	<10	36
CC93516		<20	0.06	<10	<10	34	<10	55
CC93517		<20	0.04	<10	<10	25	<10	56
CC93518		<20	0.06	<10	<10	34	<10	32
CC93519		<20	0.05	<10	<10	27	<10	26
CC93520		<20	0.04	<10	<10	22	<10	40
CC93521		<20	0.03	<10	<10	36	<10	53
CC93522		<20	0.05	<10	<10	44	<10	44
CC93523		<20	0.04	<10	<10	29	<10	44
CC93524		<20	0.03	<10	<10	39	<10	208
CC93525		<20	0.03	<10	<10	38	<10	180
CC93526		<20	<0.01	<10	<10	19	<10	61
CC93527		20	<0.01	<10	<10	16	<10	417
CC93528		<20	0.01	<10	<10	34	<10	271
CC93529		<20	0.05	<10	<10	42	<10	93
CC93530		<20	0.03	<10	<10	40	<10	151
CC93531		<20	0.06	<10	<10	41	<10	125
CC93532		<20	0.06	<10	<10	44	<10	70
CC93533		<20	0.07	<10	<10	52	<10	85
CC93534		<20	0.05	<10	<10	46	<10	148
CC93535		<20	0.05	<10	<10	42	<10	229
CC93536		30	0.09	<10	<10	81	<10	225
CC93537		<20	0.06	<10	<10	42	<10	65
CC93538		<20	0.06	<10	<10	42	<10	73
CC93539		<20	0.07	<10	<10	43	<10	80
CC93540		<20	0.05	<10	<10	39	<10	81

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

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

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
CC93541		0.80	0.015	<0.2	1.15	15	<10	270	<0.5	2	0.42	<0.5	8	22	16	2.30
CC93542		0.76	0.012	<0.2	1.06	14	<10	250	<0.5	3	0.36	<0.5	8	19	13	2.17
CC93543		0.60	0.013	0.4	1.11	17	<10	390	0.6	3	0.41	<0.5	9	18	27	3.00
CC93544		0.50	0.007	<0.2	0.99	24	<10	280	0.5	2	0.40	<0.5	8	17	19	2.64
CC93545		0.36	0.038	1.9	1.27	75	<10	350	<0.5	2	0.38	3.8	10	19	22	2.74
CC93546		0.50	0.072	2.7	1.32	77	<10	410	1.1	5	0.46	5.6	17	11	57	4.64
CC93547		0.52	0.043	3.4	1.35	57	<10	390	0.5	6	0.37	0.9	9	20	30	2.68
CC93548		0.42	0.052	1.3	1.22	60	<10	370	0.5	4	0.43	1.4	9	18	33	2.69
CC93549		0.40	0.035	1.1	1.52	62	<10	470	<0.5	2	0.29	<0.5	6	15	13	2.46
CC93550		0.26	0.021	1.0	2.61	64	<10	420	0.5	5	0.36	0.5	6	20	19	3.39
CC93551		0.24	0.012	1.1	0.45	3	<10	150	<0.5	3	0.22	<0.5	2	5	9	0.91
CC93552		0.28	0.015	0.5	0.98	8	<10	270	<0.5	3	0.27	<0.5	4	10	19	1.36
CC93553		0.34	0.007	0.2	1.71	13	<10	350	<0.5	<2	0.38	<0.5	9	27	23	2.61
CC93554		0.34	0.007	<0.2	1.17	12	<10	270	<0.5	<2	0.27	<0.5	8	16	19	2.33
CC93555		0.32	0.034	0.7	1.45	23	<10	500	0.5	2	0.29	0.5	14	19	29	2.46
CC93556		0.38	0.006	0.2	1.08	9	<10	290	<0.5	<2	0.36	<0.5	6	16	13	2.06
CC93557		0.30	<0.005	<0.2	0.95	8	<10	240	<0.5	<2	0.26	<0.5	6	15	11	1.77
CC93558		0.22	0.009	1.5	0.49	38	<10	240	<0.5	<2	0.17	<0.5	7	10	15	2.71
CC93559		0.40	0.008	0.8	1.92	22	<10	810	1.2	<2	0.49	0.7	8	22	36	2.95
CC93560		0.28	<0.005	<0.2	0.30	2	<10	60	<0.5	<2	0.17	<0.5	2	4	7	0.69
CC93561		0.16	0.011	<0.2	0.92	5	<10	500	<0.5	<2	0.53	<0.5	4	11	17	1.92
CC93562		0.40	<0.005	<0.2	0.97	23	<10	260	<0.5	<2	0.33	<0.5	5	14	10	2.40
CC93563		0.24	0.011	<0.2	0.91	9	<10	200	<0.5	<2	0.28	<0.5	4	13	11	1.16
CC93564		0.30	0.032	0.9	1.34	9	<10	370	<0.5	<2	0.30	0.7	3	17	15	1.31
CC93565		0.28	0.016	0.3	1.16	15	<10	230	<0.5	<2	0.31	<0.5	3	17	13	1.63
CC93566		0.34	0.011	<0.2	0.83	10	<10	140	<0.5	<2	0.28	<0.5	5	12	8	1.42
CC93567		0.38	0.011	0.2	0.63	10	<10	160	<0.5	<2	0.17	<0.5	4	7	10	1.03
CC93568		0.44	0.048	0.4	1.24	23	<10	170	<0.5	<2	0.22	<0.5	5	17	14	2.15
CC93569		0.24	0.083	2.3	2.30	71	<10	610	0.7	2	0.38	0.5	9	24	43	3.17
CC93570		0.18	<0.005	<0.2	0.53	6	<10	90	<0.5	<2	0.19	<0.5	3	6	9	0.96
CC93571		0.26	<0.005	<0.2	0.60	7	<10	140	<0.5	<2	0.24	<0.5	4	9	15	1.52
CC93572		0.42	0.010	0.3	1.32	85	<10	240	<0.5	<2	0.27	<0.5	6	18	25	2.18
CC93573		0.36	0.021	0.2	1.27	22	<10	230	<0.5	<2	0.24	<0.5	6	19	16	2.13
CC93574		0.38	0.019	2.0	2.23	28	<10	710	0.6	<2	0.51	<0.5	7	26	35	3.17
CC93575		0.34	0.165	5.8	1.63	69	<10	840	0.8	<2	0.44	0.5	7	18	90	3.03
CC93576		0.34	0.024	0.4	2.00	45	<10	300	0.5	<2	0.27	<0.5	10	26	32	3.15
CC93577		0.32	0.026	1.4	0.34	9	<10	110	<0.5	<2	0.15	<0.5	2	4	9	0.88
CC93578		0.34	0.069	0.4	1.27	21	<10	200	<0.5	2	0.23	<0.5	9	36	29	2.51
CC93579		0.22	<0.005	0.2	0.41	8	<10	80	<0.5	<2	0.19	<0.5	4	8	12	1.45
CC93580		0.22	0.017	1.4	1.51	23	<10	390	<0.5	<2	0.23	<0.5	4	15	27	1.92

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

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

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

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC93541		<10	1	0.09	20	0.43	457	1	0.02	10	660	15	0.01	<2	5	23
CC93542		<10	<1	0.08	20	0.41	475	1	0.02	10	630	17	0.01	<2	4	20
CC93543		<10	1	0.11	30	0.39	1585	1	0.02	10	720	22	0.01	<2	7	21
CC93544		<10	<1	0.10	20	0.38	686	1	0.02	9	660	20	0.01	<2	6	21
CC93545		<10	<1	0.10	20	0.39	1015	1	0.01	8	630	281	0.05	<2	5	26
CC93546		<10	<1	0.13	30	0.28	1275	2	0.01	7	870	203	0.02	4	11	24
CC93547		<10	<1	0.10	20	0.41	629	1	0.01	9	720	140	0.02	2	6	22
CC93548		<10	<1	0.12	20	0.43	1090	1	0.02	9	760	107	0.01	2	6	22
CC93549		<10	1	0.07	10	0.23	548	1	0.02	5	800	32	0.04	<2	3	22
CC93550		10	<1	0.07	20	0.30	667	2	0.02	7	960	55	0.04	<2	5	28
CC93551		<10	<1	0.04	10	0.08	85	<1	0.03	1	620	4	0.02	<2	2	14
CC93552		<10	<1	0.07	10	0.17	161	<1	0.03	4	480	14	0.01	<2	3	15
CC93553		10	<1	0.11	10	0.53	384	1	0.02	14	420	56	0.01	<2	4	27
CC93554		<10	1	0.07	10	0.41	799	<1	0.02	10	320	30	0.01	<2	4	17
CC93555		10	<1	0.09	20	0.30	748	<1	0.02	9	640	25	0.02	<2	5	19
CC93556		<10	1	0.08	20	0.33	243	<1	0.02	9	500	19	0.01	<2	4	17
CC93557		<10	<1	0.07	10	0.34	431	<1	0.02	9	420	18	<0.01	<2	3	15
CC93558		<10	<1	0.08	10	0.11	1655	1	0.01	4	330	96	0.01	7	2	15
CC93559		<10	1	0.14	30	0.33	738	<1	0.02	15	580	52	0.02	<2	8	32
CC93560		<10	<1	0.03	<10	0.08	87	<1	0.03	2	500	<2	0.01	<2	1	9
CC93561		<10	1	0.05	10	0.17	214	<1	0.03	8	860	9	0.05	<2	3	33
CC93562		<10	<1	0.05	10	0.28	371	<1	0.02	6	720	19	0.01	<2	2	16
CC93563		<10	1	0.04	20	0.25	181	<1	0.02	6	630	16	0.02	<2	3	13
CC93564		<10	1	0.05	20	0.27	125	<1	0.02	7	610	24	0.05	<2	4	17
CC93565		<10	1	0.05	10	0.32	137	<1	0.02	8	640	16	0.01	<2	3	16
CC93566		<10	1	0.05	10	0.28	741	<1	0.02	6	660	17	0.01	<2	2	12
CC93567		<10	<1	0.04	10	0.12	493	<1	0.02	4	440	10	0.01	<2	1	11
CC93568		<10	1	0.06	10	0.32	471	<1	0.02	10	490	52	0.01	<2	3	13
CC93569		10	1	0.09	30	0.35	1220	1	0.02	13	890	113	0.04	3	7	28
CC93570		<10	<1	0.03	<10	0.07	117	<1	0.03	4	590	3	0.01	<2	1	11
CC93571		10	<1	0.04	10	0.15	171	<1	0.03	5	520	5	0.02	<2	1	14
CC93572		<10	1	0.07	10	0.34	375	<1	0.02	10	430	36	0.01	<2	3	15
CC93573		<10	<1	0.09	10	0.40	400	<1	0.02	14	340	97	0.01	<2	4	14
CC93574		10	<1	0.13	20	0.40	588	<1	0.03	14	970	27	0.06	<2	6	37
CC93575		<10	1	0.11	30	0.32	778	<1	0.03	11	770	81	0.05	11	8	33
CC93576		10	<1	0.12	10	0.48	682	<1	0.02	16	500	38	0.01	<2	5	17
CC93577		<10	<1	0.03	10	0.05	180	<1	0.03	1	490	10	0.03	<2	2	9
CC93578		<10	<1	0.05	10	0.28	402	1	0.02	14	730	29	0.04	<2	2	16
CC93579		<10	<1	0.02	<10	0.08	173	<1	0.03	3	710	8	0.03	<2	1	11
CC93580		10	<1	0.06	10	0.23	238	<1	0.02	7	920	35	0.05	<2	3	17

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC93541		<20	0.07	<10	<10	45	<10	58
CC93542		<20	0.07	<10	<10	42	<10	50
CC93543		<20	0.05	<10	<10	46	<10	63
CC93544		<20	0.06	<10	<10	44	<10	61
CC93545		<20	0.05	<10	<10	45	<10	273
CC93546		20	0.01	<10	<10	48	<10	950
CC93547		<20	0.05	<10	<10	48	<10	142
CC93548		<20	0.06	<10	<10	48	<10	136
CC93549		<20	0.04	<10	<10	53	<10	73
CC93550		<20	0.03	<10	<10	71	<10	91
CC93551		<20	0.05	<10	<10	29	<10	22
CC93552		<20	0.04	<10	<10	34	<10	35
CC93553		<20	0.08	<10	<10	55	<10	71
CC93554		<20	0.04	<10	<10	45	<10	57
CC93555		<20	0.02	<10	<10	44	<10	82
CC93556		<20	0.05	<10	<10	36	<10	48
CC93557		<20	0.06	<10	<10	35	<10	42
CC93558		<20	0.04	<10	<10	51	<10	90
CC93559		<20	0.02	<10	<10	47	<10	103
CC93560		<20	0.03	<10	<10	18	<10	15
CC93561		<20	0.05	<10	<10	49	<10	49
CC93562		<20	0.04	<10	<10	51	<10	43
CC93563		<20	0.04	<10	<10	31	<10	38
CC93564		<20	0.03	<10	<10	35	<10	66
CC93565		<20	0.05	<10	<10	32	<10	51
CC93566		<20	0.05	<10	<10	32	<10	44
CC93567		<20	0.03	<10	<10	21	<10	41
CC93568		<20	0.04	<10	<10	38	<10	83
CC93569		<20	0.03	<10	<10	53	<10	154
CC93570		<20	0.03	<10	<10	26	<10	23
CC93571		<20	0.06	<10	<10	41	<10	29
CC93572		<20	0.05	<10	<10	45	<10	61
CC93573		<20	0.06	<10	<10	39	<10	73
CC93574		<20	0.04	<10	<10	64	<10	102
CC93575		<20	0.03	<10	<10	52	<10	131
CC93576		<20	0.06	<10	<10	54	<10	88
CC93577		<20	0.05	<10	<10	20	<10	15
CC93578		<20	0.06	<10	<10	58	<10	79
CC93579		<20	0.06	<10	<10	43	<10	27
CC93580		<20	0.02	<10	<10	38	<10	68

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC93581		0.34	0.049	0.2	1.55	39	<10	310	<0.5	2	0.35	<0.5	6	19	28	2.64
CC93582		0.44	0.009	0.5	1.44	16	<10	290	0.5	2	0.21	<0.5	4	16	19	2.50
CC93583		0.46	0.013	0.7	1.28	36	<10	340	<0.5	<2	0.19	0.6	5	17	22	2.29
CC93584		0.56	0.015	0.5	1.56	22	<10	350	<0.5	<2	0.27	<0.5	7	23	20	2.57
CC93585		0.32	0.061	5.4	0.83	219	<10	420	0.6	<2	0.31	1.5	8	12	28	3.50
CC93586		0.48	0.041	1.4	1.66	66	<10	440	0.5	2	0.31	<0.5	7	23	34	2.40
CC93587		0.22	0.006	0.2	1.13	12	<10	270	<0.5	<2	0.27	<0.5	6	16	18	1.75
CC93588		0.34	0.017	<0.2	1.64	19	<10	290	0.5	<2	0.32	<0.5	7	23	27	2.47
CC93589		0.32	0.006	<0.2	1.59	22	<10	190	<0.5	<2	0.24	<0.5	7	23	17	2.41
CC93590		0.32	0.013	0.2	1.41	28	<10	340	0.6	<2	0.28	<0.5	8	19	26	2.35
CC93591		0.34	0.100	4.7	1.31	143	<10	340	0.5	<2	0.31	1.4	7	17	25	2.45
CC93592		46.00	0.043	1.3	1.08	49	<10	320	0.7	<2	0.34	0.7	10	13	20	3.11
CC93593		0.22	0.009	0.4	1.09	12	<10	430	0.6	<2	0.32	<0.5	5	13	16	1.91
CC93594		0.36	0.006	0.2	0.95	11	<10	300	0.5	<2	0.32	<0.5	6	15	14	2.18
CC93595		0.26	0.010	<0.2	1.49	12	<10	390	0.6	<2	0.37	<0.5	8	21	22	2.00
CC93596		0.34	<0.005	<0.2	1.12	6	<10	310	<0.5	<2	0.38	<0.5	3	16	16	1.52
CC93597		0.44	<0.005	<0.2	1.52	13	<10	200	0.5	<2	0.24	<0.5	9	21	19	2.48
CC93598		0.38	0.018	0.3	1.88	28	<10	520	0.7	<2	0.43	<0.5	10	25	23	2.98
CC93599		0.26	0.053	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC93600		0.40	0.017	<0.2	1.06	16	<10	240	<0.5	<2	0.37	<0.5	6	19	13	2.09
CC93601		0.58	0.007	<0.2	1.28	17	<10	270	<0.5	<2	0.30	<0.5	7	21	13	2.12
CC93602		0.24	0.025	2.6	1.18	15	<10	410	<0.5	<2	0.31	<0.5	4	10	12	1.90
CC93603		0.18	0.012	1.0	1.20	6	<10	330	<0.5	<2	0.29	<0.5	5	11	22	1.52
CC93604		0.36	0.013	0.6	1.54	25	<10	690	0.8	<2	0.35	0.8	10	18	27	2.95
CC93605		0.50	0.016	0.3	1.10	27	<10	440	<0.5	<2	0.34	<0.5	6	17	15	2.09
CC93606		0.46	0.067	2.0	1.60	156	<10	500	0.5	2	0.46	3.0	9	25	64	2.55
CC93607		0.46	0.020	2.6	2.55	21	<10	1500	1.5	2	0.83	0.6	9	26	45	2.98
CC93608		0.58	<0.005	<0.2	1.45	10	<10	180	<0.5	<2	0.26	<0.5	8	23	10	2.29
CC93609		0.32	0.007	0.4	1.39	17	<10	530	0.5	<2	0.26	<0.5	6	18	15	2.22
CC93610		0.40	0.009	0.7	1.32	7	<10	550	0.6	<2	0.38	<0.5	6	15	14	1.65
CC93611		0.42	0.007	0.3	1.30	7	<10	360	0.5	<2	0.31	<0.5	6	14	26	1.61
CC93612		0.40	0.007	0.2	1.10	10	<10	410	0.5	<2	0.27	<0.5	6	15	30	2.21
CC93613		0.46	0.015	1.0	2.30	20	<10	1180	1.3	<2	0.55	0.5	8	24	50	3.27
CC93614		0.38	0.011	0.9	1.69	15	<10	720	0.8	2	0.53	0.8	8	21	33	2.52
CC93615		0.52	<0.005	<0.2	1.16	7	<10	400	0.7	<2	0.44	<0.5	9	20	10	2.59
CC93616		0.26	<0.005	0.4	0.76	6	<10	240	<0.5	<2	0.30	<0.5	5	7	16	1.16
CC93617		0.46	0.037	3.4	0.86	21	<10	310	0.6	<2	0.30	0.5	12	10	16	3.39
CC93618		0.40	0.009	0.4	1.32	13	<10	740	0.8	<2	0.40	0.5	6	15	26	2.14
CC93619		0.44	<0.005	0.4	1.15	6	<10	290	<0.5	<2	0.27	<0.5	6	16	15	1.91
CC93620		0.52	<0.005	0.5	1.34	9	<10	390	0.5	<2	0.32	<0.5	7	19	19	2.43

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North Vancouver BC V7H 0A7
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CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC93581		<10	<1	0.06	10	0.33	453	<1	0.02	9	820	50	0.02	<2	3	23
CC93582		10	1	0.07	30	0.25	342	<1	0.02	6	400	11	0.02	<2	4	17
CC93583		<10	<1	0.09	10	0.31	332	<1	0.02	9	420	64	0.02	<2	3	15
CC93584		<10	<1	0.09	10	0.44	363	<1	0.02	13	470	30	0.01	<2	4	17
CC93585		<10	1	0.11	20	0.24	2070	1	0.02	8	620	162	0.01	14	5	22
CC93586		<10	<1	0.08	20	0.40	360	<1	0.02	14	500	39	0.01	2	4	19
CC93587		<10	1	0.06	10	0.32	364	<1	0.02	10	520	20	0.01	<2	3	15
CC93588		<10	<1	0.09	10	0.45	381	<1	0.02	16	600	17	0.01	<2	4	18
CC93589		<10	<1	0.07	10	0.40	363	<1	0.01	14	360	17	0.02	<2	4	14
CC93590		<10	<1	0.07	10	0.35	426	1	0.01	16	400	22	0.01	3	4	17
CC93591		<10	<1	0.08	20	0.30	654	1	0.01	10	530	78	0.02	10	5	21
CC93592		<10	<1	0.10	20	0.27	875	1	0.01	8	780	39	0.01	5	6	18
CC93593		10	<1	0.07	10	0.22	273	<1	0.01	6	740	12	0.03	3	4	21
CC93594		<10	<1	0.07	20	0.28	532	1	<0.01	8	470	12	<0.01	2	5	21
CC93595		10	1	0.08	20	0.34	572	<1	0.01	12	700	12	0.03	<2	6	26
CC93596		<10	<1	0.06	10	0.17	138	<1	0.01	7	750	8	0.03	<2	1	29
CC93597		<10	<1	0.10	10	0.39	619	1	0.01	15	440	15	0.01	<2	4	17
CC93598		10	1	0.10	20	0.46	463	1	0.01	15	510	23	0.02	2	6	28
CC93599		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC93600		<10	<1	0.07	10	0.40	327	<1	0.01	10	420	13	0.01	<2	4	21
CC93601		<10	<1	0.08	10	0.43	345	<1	0.01	12	460	14	0.01	2	4	18
CC93602		10	1	0.07	10	0.13	329	<1	0.02	6	800	21	0.04	<2	4	22
CC93603		<10	<1	0.05	10	0.14	341	1	0.03	6	890	10	0.06	2	2	24
CC93604		10	<1	0.09	30	0.36	1440	2	0.01	12	700	79	0.02	2	6	27
CC93605		10	<1	0.08	10	0.30	285	<1	0.01	8	560	20	0.02	<2	3	25
CC93606		<10	<1	0.09	10	0.44	476	1	0.01	12	650	63	0.03	3	5	30
CC93607		10	<1	0.19	80	0.38	872	<1	0.02	16	830	37	0.04	3	14	61
CC93608		<10	<1	0.10	10	0.39	298	<1	0.01	13	370	10	0.01	2	3	17
CC93609		10	<1	0.09	20	0.29	315	<1	0.01	10	480	18	0.01	<2	3	19
CC93610		10	<1	0.09	30	0.36	230	<1	0.01	7	670	25	0.02	2	5	23
CC93611		10	<1	0.08	20	0.25	399	<1	0.02	8	460	18	0.02	<2	3	22
CC93612		<10	<1	0.10	20	0.28	430	2	0.01	15	430	15	0.02	<2	3	19
CC93613		10	<1	0.15	40	0.34	571	1	0.01	16	1370	29	0.08	<2	7	42
CC93614		10	1	0.14	20	0.35	1360	1	0.02	13	720	36	0.06	2	6	36
CC93615		10	<1	0.13	20	0.50	644	<1	0.01	10	770	19	0.01	<2	4	28
CC93616		<10	<1	0.05	10	0.10	269	<1	0.02	4	620	9	0.04	<2	1	22
CC93617		<10	<1	0.11	20	0.23	1840	1	0.01	5	690	494	0.01	16	4	17
CC93618		<10	<1	0.08	20	0.24	752	<1	0.01	8	1160	16	0.07	<2	4	27
CC93619		10	<1	0.07	10	0.27	440	1	0.01	7	460	12	0.01	2	2	19
CC93620		<10	<1	0.08	20	0.33	408	1	0.01	10	460	13	0.01	<2	4	21

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

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

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

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC93581		<20	0.04	<10	<10	47	<10	114
CC93582		<20	0.05	<10	<10	56	<10	50
CC93583		<20	0.05	<10	<10	49	<10	90
CC93584		<20	0.07	<10	<10	51	<10	68
CC93585		<20	0.03	<10	<10	39	<10	267
CC93586		<20	0.04	<10	<10	46	<10	85
CC93587		<20	0.05	<10	<10	37	<10	46
CC93588		<20	0.06	<10	<10	45	<10	57
CC93589		<20	0.07	<10	<10	50	<10	53
CC93590		<20	0.05	<10	<10	48	<10	76
CC93591		<20	0.04	<10	<10	46	<10	178
CC93592		<20	0.03	<10	<10	53	<10	109
CC93593		<20	0.03	<10	<10	39	<10	56
CC93594		<20	0.04	<10	<10	40	<10	54
CC93595		<20	0.04	<10	<10	46	<10	54
CC93596		<20	0.02	<10	<10	37	<10	32
CC93597		<20	0.06	<10	<10	47	<10	56
CC93598		<20	0.05	<10	<10	56	<10	80
CC93599		NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC93600		<20	0.08	<10	<10	45	<10	54
CC93601		<20	0.08	<10	<10	46	<10	55
CC93602		<20	0.02	<10	<10	44	<10	48
CC93603		<20	0.02	<10	<10	37	<10	41
CC93604		<20	0.02	<10	<10	51	<10	119
CC93605		<20	0.04	<10	<10	43	<10	57
CC93606		<20	0.05	<10	<10	49	<10	307
CC93607		<20	0.02	<10	<10	55	<10	101
CC93608		<20	0.07	<10	<10	47	<10	46
CC93609		<20	0.05	<10	<10	48	<10	56
CC93610		<20	0.03	<10	<10	45	<10	73
CC93611		<20	0.04	<10	<10	38	<10	52
CC93612		<20	0.05	<10	<10	45	<10	67
CC93613		<20	0.02	<10	<10	48	<10	79
CC93614		<20	0.04	<10	<10	44	<10	110
CC93615		<20	0.12	<10	<10	52	<10	68
CC93616		<20	0.03	<10	<10	27	<10	25
CC93617		<20	0.02	<10	<10	37	<10	107
CC93618		<20	0.02	<10	<10	39	<10	54
CC93619		<20	0.04	<10	<10	41	<10	50
CC93620		<20	0.05	<10	<10	49	<10	56

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

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
CC93621		0.62	0.005	<0.2	1.19	9	<10	350	<0.5	<2	0.35	<0.5	6	18	20	1.91
CC93622		0.54	0.005	<0.2	2.30	14	<10	410	0.7	<2	0.24	<0.5	10	32	23	3.00
CC93623		0.60	0.007	0.2	1.18	12	<10	200	<0.5	<2	0.31	<0.5	8	18	17	2.26
CC93624		0.28	0.016	0.8	1.98	9	<10	590	1.0	<2	0.40	<0.5	5	15	33	2.03
CC93625		0.52	<0.005	0.2	0.94	11	<10	290	0.5	<2	0.31	<0.5	10	14	15	2.69
CC93626		0.36	0.005	0.2	1.27	7	<10	350	0.5	<2	0.37	<0.5	8	16	26	2.36
CC93627		0.50	<0.005	<0.2	1.22	9	<10	360	<0.5	<2	0.41	<0.5	10	16	12	2.81
CC93628		0.44	0.007	0.5	1.73	12	<10	630	0.6	<2	0.60	<0.5	7	25	25	2.59
CC93629		0.40	0.006	<0.2	2.09	10	<10	610	0.9	<2	0.46	<0.5	9	23	41	3.39
CC93630		0.38	<0.005	<0.2	1.40	9	<10	240	0.5	<2	0.31	<0.5	8	20	16	2.17
CC93631		0.30	<0.005	<0.2	1.14	9	<10	170	<0.5	<2	0.25	<0.5	5	18	11	1.90
CC93632		0.40	<0.005	0.5	1.26	10	<10	230	<0.5	<2	0.26	<0.5	5	18	22	2.04
CC93633		0.38	0.009	0.2	1.24	6	<10	480	0.5	<2	0.36	<0.5	6	14	49	2.11
CC93634		0.42	0.018	0.2	1.14	16	<10	540	0.5	<2	0.46	<0.5	5	14	40	2.18

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC93621		<10	<1	0.07	10	0.31	305	1	0.01	9	600	10	0.02	<2	4	22
CC93622		10	<1	0.11	10	0.51	541	1	0.01	18	420	13	0.01	2	5	18
CC93623		<10	<1	0.08	10	0.34	469	1	0.01	12	700	20	0.01	<2	4	17
CC93624		<10	<1	0.10	70	0.22	312	<1	0.02	10	1130	15	0.08	<2	5	32
CC93625		<10	1	0.11	20	0.36	1200	1	0.01	9	560	18	0.01	<2	4	18
CC93626		<10	<1	0.09	10	0.28	526	1	0.01	12	620	16	0.03	2	4	25
CC93627		10	<1	0.13	10	0.47	718	1	0.01	8	550	11	0.02	2	4	28
CC93628		<10	<1	0.10	20	0.44	392	<1	0.01	14	630	17	0.04	2	5	39
CC93629		<10	1	0.16	30	0.49	379	1	0.02	14	500	18	0.02	<2	12	29
CC93630		<10	<1	0.09	10	0.41	422	1	0.01	12	560	10	0.01	<2	4	18
CC93631		<10	<1	0.07	10	0.33	219	<1	0.01	10	410	8	0.01	<2	3	16
CC93632		10	<1	0.08	10	0.34	217	1	0.01	10	440	12	0.02	2	3	18
CC93633		10	<1	0.08	20	0.25	413	2	0.02	6	650	10	0.03	<2	4	23
CC93634		<10	<1	0.11	20	0.28	314	3	0.01	7	690	16	0.03	11	5	27

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

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- SEP- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS VA10133523

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC93621		<20	0.04	<10	<10	39	<10	45
CC93622		<20	0.08	<10	<10	59	<10	60
CC93623		<20	0.06	<10	<10	43	<10	56
CC93624		<20	0.02	<10	<10	38	<10	59
CC93625		<20	0.07	<10	<10	47	<10	67
CC93626		<20	0.05	<10	<10	52	<10	70
CC93627		<20	0.09	<10	<10	56	<10	71
CC93628		<20	0.05	<10	<10	53	<10	62
CC93629		<20	0.06	<10	<10	65	<10	69
CC93630		<20	0.08	<10	<10	46	<10	48
CC93631		<20	0.06	<10	<10	42	<10	40
CC93632		<20	0.06	<10	<10	46	<10	47
CC93633		<20	0.04	<10	<10	47	<10	46
CC93634		<20	0.03	<10	<10	41	<10	66

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

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 25- SEP- 2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS VA10133523

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Chemex
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 1-JUL-2010
Account: ROCKHA

CERTIFICATE WH10078154

Project: Klaza

P.O. No.:

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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

Project: Klaza

Finalized Date: 1-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10078154

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
H805827		1.98	0.019		0.8	1.07	14	<10	150	1.1	2	0.14	0.5	3	4	117
H805828		0.63	<0.005		<0.2	0.04	<2	<10	10	<0.5	<2	17.8	<0.5	2	<1	4
H805829		3.86	0.097		0.6	1.03	19	<10	410	0.6	5	0.35	1.5	8	5	147
H805830		4.20	0.087		0.5	0.97	23	<10	450	0.5	<2	0.19	1.3	5	5	97
H805831		3.38	0.050		0.4	1.16	8	<10	370	0.5	2	0.37	0.9	7	6	119
H805832		3.66	0.207		1.1	0.75	105	<10	330	0.7	5	0.20	2.7	8	2	283
H805833		2.36	0.021		0.3	0.99	14	<10	780	1.1	<2	0.70	5.6	13	4	146
H805834		3.53	0.045		0.6	0.98	41	<10	150	0.7	3	0.12	0.5	4	4	217
H805835		3.70	0.182		4.0	0.46	106	<10	250	<0.5	9	0.14	<0.5	<1	4	31
H805836		1.95	0.180		3.0	1.05	152	<10	170	1.3	6	2.59	13.6	7	2	354
H805837		1.97	0.036		0.8	0.88	63	<10	290	0.5	4	0.15	<0.5	5	2	111
H805838		2.61	0.127		0.3	0.75	10	<10	870	0.5	3	0.13	1.2	5	4	47
H805839		4.87	0.049		0.3	1.21	11	<10	820	0.9	2	0.24	1.6	10	6	121
H805840		5.23	0.068		0.8	1.21	34	<10	790	0.7	4	0.16	0.7	3	6	682
H805841		4.93	2.30		24.2	0.93	250	<10	420	0.6	61	0.13	1.9	4	4	408
H805842		4.76	0.035		8.5	1.12	75	<10	350	1.0	15	0.37	19.4	11	5	194
H805843		5.45	0.041		2.8	0.66	98	<10	400	0.7	9	0.08	1.1	14	3	364
H805844		3.44	0.037		4.2	0.61	89	<10	420	0.5	17	0.07	0.8	10	3	276
H805845		4.00	0.021		0.7	0.98	34	<10	560	0.9	3	0.13	<0.5	13	5	189
H805846		3.99	0.022		0.7	0.81	119	<10	600	1.0	4	0.49	2.1	14	3	283
H805847		3.62	0.048		1.8	0.89	53	<10	480	1.1	6	0.13	3.4	30	3	491
H805848		1.97	0.031		0.7	1.20	53	<10	1030	0.9	3	0.15	0.5	11	4	279
H805849		2.91	0.138		1.9	0.71	131	<10	620	<0.5	7	0.15	0.5	5	2	177
H805850		2.98	0.044		3.1	0.65	180	<10	250	0.6	2	0.12	0.6	9	3	370
H805851		5.60	0.217		31.5	0.46	164	<10	260	<0.5	79	0.07	0.5	3	2	165
H805852		4.74	0.023		0.8	0.64	66	<10	440	<0.5	3	0.06	<0.5	7	3	144
H805853		4.12	0.032		0.8	0.73	81	<10	430	<0.5	2	0.06	<0.5	8	3	195
H805854		3.71	0.036		1.0	0.65	76	<10	720	<0.5	3	0.04	<0.5	5	3	279
H805855		3.16	0.030		0.7	0.75	40	<10	750	<0.5	5	0.06	<0.5	6	3	241
H805856		5.76	0.048		1.3	0.46	34	<10	280	<0.5	11	0.05	<0.5	2	2	39
H805857		4.12	0.050		1.3	0.56	93	<10	330	<0.5	4	0.05	<0.5	3	2	119
H805858		2.91	0.028		1.0	0.64	74	<10	490	0.7	2	0.04	2.2	18	3	293
H805859		3.33	0.046		1.8	0.55	96	<10	420	<0.5	4	0.05	<0.5	4	3	145
H805860		2.46	0.023		0.5	0.81	45	<10	510	0.5	2	0.06	<0.5	9	2	145
H805861		4.73	0.023		0.6	0.73	39	<10	610	0.6	2	0.05	<0.5	5	3	160
H805862		0.18	>10.0	15.25	8.7	0.56	496	<10	60	<0.5	<2	0.15	<0.5	8	29	47

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

Project: Klaza

Finalized Date: 1-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10078154

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H805827		2.76	<10	<1	0.26	30	0.12	115	2	0.02	1	570	31	0.29	5	7
H805828		0.38	<10	<1	0.02	<10	11.60	171	<1	0.02	<1	250	2	<0.01	<2	<1
H805829		3.07	<10	<1	0.23	20	0.33	502	<1	0.05	2	520	31	0.23	2	4
H805830		3.25	<10	<1	0.27	20	0.21	383	1	0.05	2	500	29	0.33	3	4
H805831		3.31	<10	<1	0.25	20	0.40	450	1	0.08	1	550	12	0.33	3	5
H805832		5.00	<10	<1	0.52	20	0.07	885	1	0.03	1	590	31	0.82	9	4
H805833		3.26	<10	<1	0.25	20	0.21	1645	1	0.02	3	570	18	0.31	6	7
H805834		3.42	<10	1	0.24	30	0.07	355	1	0.02	2	650	53	0.20	29	7
H805835		3.86	<10	<1	0.70	10	0.03	84	1	0.02	<1	170	202	1.17	7	1
H805836		4.27	<10	1	0.48	20	0.52	4400	1	0.02	2	590	372	1.99	25	5
H805837		3.83	<10	<1	0.56	30	0.03	130	1	0.02	2	360	87	0.81	11	4
H805838		3.18	<10	<1	0.32	30	0.09	378	<1	0.04	1	520	19	0.37	4	5
H805839		3.27	<10	1	0.25	20	0.39	590	1	0.06	2	570	31	0.27	3	5
H805840		3.80	<10	1	0.20	20	0.42	215	<1	0.03	<1	620	30	0.10	18	4
H805841		3.70	<10	2	0.36	20	0.17	293	<1	0.02	<1	570	157	0.38	156	4
H805842		3.60	<10	<1	0.22	30	0.25	1330	2	0.02	2	580	1520	0.16	13	5
H805843		4.54	<10	1	0.26	20	0.04	693	4	0.02	1	560	223	0.18	17	4
H805844		4.39	<10	<1	0.30	20	0.03	423	3	0.02	1	560	249	0.25	16	3
H805845		4.32	<10	<1	0.23	20	0.22	501	3	0.03	1	620	28	0.13	6	5
H805846		4.35	<10	<1	0.25	30	0.08	1070	3	0.02	3	680	23	0.20	5	6
H805847		4.20	<10	1	0.23	20	0.08	2020	2	0.03	2	570	90	0.12	12	7
H805848		3.73	<10	<1	0.20	20	0.10	302	<1	0.03	2	770	26	0.10	8	7
H805849		4.03	<10	1	0.31	20	0.05	188	2	0.02	1	530	113	0.37	16	4
H805850		6.43	<10	<1	0.38	20	0.03	680	1	0.02	2	790	128	0.43	17	8
H805851		2.80	<10	2	0.41	20	0.03	101	3	0.02	<1	370	343	0.39	125	2
H805852		4.24	<10	1	0.40	20	0.03	199	3	0.03	1	680	59	0.58	6	3
H805853		3.81	<10	<1	0.40	30	0.04	151	2	0.04	1	760	70	0.61	6	3
H805854		3.79	<10	1	0.23	20	0.05	142	3	0.04	<1	660	138	0.25	4	4
H805855		3.88	<10	1	0.23	20	0.07	160	2	0.05	1	670	48	0.19	6	3
H805856		2.60	<10	1	0.44	20	0.03	59	1	0.02	<1	270	95	0.59	14	1
H805857		3.59	<10	1	0.44	20	0.03	107	3	0.02	<1	460	88	0.60	44	2
H805858		3.34	<10	1	0.27	20	0.02	963	2	0.02	1	640	74	0.19	19	5
H805859		3.50	<10	1	0.39	30	0.03	101	3	0.03	1	670	95	0.41	25	4
H805860		4.06	<10	<1	0.26	30	0.05	230	2	0.03	1	760	40	0.28	7	4
H805861		3.78	<10	1	0.27	20	0.05	149	2	0.04	1	630	46	0.19	5	4
H805862		3.33	<10	3	0.32	10	0.08	155	5	0.02	15	520	5	2.21	26	2

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

Project: Klaza

Finalized Date: 1-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10078154

Sample Description	Method Analyte Units LOR	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
H805827		23	<20	<0.01	<10	<10	27	<10	141
H805828		47	<20	<0.01	<10	<10	2	<10	16
H805829		33	<20	0.01	<10	<10	31	<10	145
H805830		34	<20	<0.01	<10	<10	28	<10	119
H805831		44	<20	0.01	<10	<10	39	<10	80
H805832		34	<20	<0.01	<10	<10	22	<10	159
H805833		22	20	<0.01	<10	<10	31	<10	317
H805834		12	20	<0.01	<10	<10	29	<10	281
H805835		8	<20	<0.01	<10	<10	6	<10	55
H805836		54	<20	<0.01	<10	<10	18	<10	872
H805837		24	<20	<0.01	<10	<10	16	<10	159
H805838		40	<20	<0.01	<10	<10	24	<10	102
H805839		45	<20	<0.01	<10	<10	34	<10	137
H805840		17	<20	<0.01	<10	<10	30	<10	157
H805841		31	<20	<0.01	<10	<10	23	<10	269
H805842		15	<20	<0.01	<10	<10	34	<10	1765
H805843		22	<20	<0.01	<10	<10	17	<10	368
H805844		30	<20	<0.01	<10	<10	15	<10	335
H805845		19	<20	<0.01	<10	<10	28	<10	101
H805846		23	<20	<0.01	<10	<10	21	<10	102
H805847		17	<20	<0.01	<10	<10	25	<10	194
H805848		28	20	<0.01	<10	<10	29	<10	235
H805849		26	<20	<0.01	<10	<10	22	<10	154
H805850		26	<20	<0.01	<10	<10	27	<10	735
H805851		38	<20	<0.01	<10	<10	7	<10	182
H805852		42	<20	<0.01	<10	<10	18	<10	258
H805853		77	<20	<0.01	<10	<10	19	<10	160
H805854		24	<20	<0.01	<10	<10	21	<10	180
H805855		26	<20	<0.01	<10	<10	20	<10	189
H805856		34	<20	<0.01	<10	<10	7	<10	80
H805857		30	<20	<0.01	<10	<10	12	<10	255
H805858		19	<20	<0.01	<10	<10	15	<10	428
H805859		58	<20	<0.01	<10	<10	13	<10	192
H805860		43	20	<0.01	<10	<10	15	<10	342
H805861		32	<20	<0.01	<10	<10	16	<10	206
H805862		9	<20	0.01	<10	<10	21	<10	49

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Finalized Date: 25-JUN-2010
Account: ROCKHA

CERTIFICATE WH10079096

Project: Klaza

P.O. No.:

This report is for 4 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 25-JUN-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10079096

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
H805751		0.95	0.165	71.7	0.16	387	<10	770	<0.5	2	0.01	6.6	1	42	51	1.65
H805752		0.23	0.109	2.1	0.16	11	<10	370	<0.5	<2	0.01	1.9	2	16	5	0.70
H805753		0.63	<0.005	1.2	0.39	18	<10	730	0.5	<2	0.06	1.8	1	17	8	0.39
H805754		0.57	0.045	2.1	0.25	53	<10	860	<0.5	2	0.02	3.6	1	22	21	0.65

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CERTIFICATE OF ANALYSIS WH10079096

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H805751		<10	6	0.08	<10	0.01	91	98	0.01	2	100	8600	0.18	124	1	17
H805752		<10	<1	0.09	<10	0.02	275	2	0.01	1	40	268	0.15	4	<1	3
H805753		<10	<1	0.14	<10	0.01	511	8	0.01	<1	20	497	<0.01	9	1	20
H805754		<10	1	0.11	<10	0.01	144	16	0.01	<1	70	342	0.08	18	1	31

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Project: Klaza

Finalized Date: 25-JUN-2010
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CERTIFICATE OF ANALYSIS WH10079096

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
H805751		<20	<0.01	<10	<10	5	<10	667
H805752		<20	<0.01	<10	<10	5	<10	122
H805753		<20	<0.01	<10	<10	3	<10	150
H805754		<20	<0.01	<10	10	4	<10	214

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Finalized Date: 30-JUN-2010
Account: ROCKHA

CERTIFICATE WH10079097

Project: Klaza

P.O. No.:

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 30-JUN-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10079097

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
H805755		1.32	0.025		0.6	0.59	33	<10	880	0.7	<2	0.13	7.0	19	9	122
H805756		0.76	0.041		1.0	0.75	53	<10	600	0.8	<2	0.11	2.6	10	9	138
H805757		1.83	0.018		0.6	0.85	19	<10	120	0.7	<2	0.07	2.0	8	10	85
H805758		1.75	0.413		3.4	0.59	268	<10	230	<0.5	5	0.07	1.2	1	10	87
H805759		1.83	0.052		1.4	0.71	50	<10	590	0.6	2	0.06	3.6	12	10	108
H805760		0.92	0.200		8.3	0.45	252	<10	220	<0.5	17	0.09	1.1	<1	11	34
H805761		2.57	0.032		0.9	1.04	27	<10	520	0.6	<2	0.10	4.5	16	11	55
H805762		1.10	0.449		13.4	0.44	392	<10	410	<0.5	10	0.08	5.4	1	15	40
H805763		3.50	0.101		2.0	0.71	109	<10	550	0.8	2	0.09	5.2	6	10	83
H805764		1.14	0.251		5.4	0.47	182	<10	530	<0.5	7	0.07	0.8	1	12	18
H805765		1.20	0.013		0.8	0.79	47	<10	210	0.9	<2	0.08	6.0	20	11	46
H805766		3.25	0.145		4.2	0.59	279	<10	210	<0.5	4	0.05	0.8	4	12	113
H805767		1.31	1.240		29.2	0.34	188	<10	280	<0.5	50	0.03	<0.5	<1	14	7
H805768		1.70	0.020		0.8	1.42	41	<10	300	0.5	<2	0.33	2.1	10	7	110
H805769		0.18	>10.0	15.35	7.1	0.28	451	<10	30	<0.5	<2	0.15	<0.5	8	26	45
H805770		10.29	0.015		0.5	1.21	17	<10	450	<0.5	<2	0.58	1.4	10	8	44
H805771		1.37	0.015		0.4	1.12	13	<10	890	<0.5	<2	0.23	1.0	9	6	16
H805772		2.63	0.080		2.0	0.44	140	<10	160	<0.5	4	0.23	1.1	7	3	39
H805773		5.03	0.017		0.6	0.92	22	<10	370	<0.5	<2	0.47	1.7	23	6	34
H805774		0.47	<0.005		0.2	0.10	2	<10	30	<0.5	<2	18.3	<0.5	2	4	2
H805775		3.11	0.026		0.5	1.28	18	<10	410	<0.5	<2	0.51	1.0	8	8	18
H805776		3.85	0.017		0.4	1.32	21	<10	330	<0.5	<2	0.57	0.7	7	10	12
H805777		5.37	0.009		0.3	1.32	18	<10	330	<0.5	<2	0.51	0.8	12	9	12
H805778		2.95	0.032		2.4	1.98	102	<10	330	0.7	8	0.42	3.4	19	137	89
H805779		2.92	0.119		2.3	1.65	234	<10	320	0.7	6	0.92	4.7	16	74	71
H805780		2.96	0.190		1.4	1.13	616	<10	330	0.8	3	0.80	6.0	14	51	73
H805781		2.65	0.226		1.0	1.60	85	<10	250	0.5	3	0.20	3.0	19	81	34
H805782		2.82	0.013		0.5	0.90	20	<10	490	0.5	2	0.22	2.1	16	13	11
H805783		2.51	0.031		1.0	1.18	47	<10	550	<0.5	2	0.12	0.6	8	11	38
H805784		3.79	0.094		1.2	0.76	131	<10	460	0.6	3	0.05	3.3	26	10	53
H805785		4.15	0.056		0.9	0.83	72	<10	440	<0.5	3	0.06	<0.5	10	4	51
H805786		4.14	0.071		0.7	1.22	65	<10	390	<0.5	<2	0.09	<0.5	3	4	73
H805787		1.35	0.077		1.2	0.72	89	<10	540	<0.5	2	0.05	<0.5	8	3	86
H805788		2.24	0.844		20.5	0.48	198	<10	270	<0.5	39	0.06	<0.5	1	2	82
H805789		4.73	0.297		25.4	0.63	326	<10	130	<0.5	47	0.04	0.6	4	13	205
H805790		4.31	0.091		4.9	0.68	135	<10	510	0.8	12	0.07	2.0	9	2	295

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

Project: Klaza

Finalized Date: 30-JUN-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10079097

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H805755		2.88	<10	<1	0.29	20	0.03	791	2	0.02	3	520	51	0.15	2	5
H805756		3.15	<10	1	0.33	20	0.03	235	3	0.02	2	490	142	0.26	2	5
H805757		2.78	<10	<1	0.22	20	0.02	161	31	0.01	<1	590	27	0.08	3	6
H805758		4.41	<10	<1	0.59	20	0.02	62	102	0.01	5	470	268	0.82	2	3
H805759		3.49	<10	<1	0.29	20	0.02	365	7	0.02	1	590	188	0.28	2	5
H805760		3.82	<10	<1	0.67	20	0.02	55	10	0.02	<1	460	638	0.94	14	2
H805761		3.59	<10	<1	0.22	10	0.23	676	2	0.03	1	580	68	0.06	2	5
H805762		2.96	<10	1	0.39	20	0.03	98	7	0.02	<1	530	1790	0.40	23	2
H805763		3.91	<10	<1	0.31	20	0.02	429	2	0.01	1	540	314	0.19	5	5
H805764		2.62	<10	<1	0.39	20	0.02	62	1	0.02	7	400	467	0.33	6	1
H805765		3.59	<10	<1	0.25	20	0.03	1030	1	0.01	3	570	28	0.03	2	8
H805766		3.85	<10	<1	0.39	20	0.02	243	2	0.02	<1	590	202	0.32	5	4
H805767		2.61	<10	<1	0.61	10	0.02	40	3	0.01	<1	90	419	0.77	8	1
H805768		3.54	10	<1	0.21	20	0.58	463	5	0.06	2	560	27	0.09	3	5
H805769		3.08	<10	2	0.17	10	0.06	123	5	0.01	14	490	3	2.07	27	1
H805770		2.73	<10	<1	0.22	20	0.59	557	1	0.07	1	580	20	0.25	4	5
H805771		2.76	<10	<1	0.27	10	0.54	622	<1	0.05	1	550	23	0.11	3	4
H805772		3.79	<10	<1	0.34	20	0.08	381	1	0.01	<1	430	199	1.19	3	2
H805773		2.73	<10	<1	0.25	20	0.39	609	<1	0.05	2	520	42	0.54	2	4
H805774		0.38	<10	<1	0.07	<10	11.55	170	<1	0.02	<1	350	3	<0.01	<2	1
H805775		2.93	10	<1	0.18	20	0.65	521	1	0.07	1	550	19	0.12	<2	5
H805776		2.65	<10	<1	0.18	10	0.64	453	1	0.11	2	580	13	0.05	<2	5
H805777		2.84	10	<1	0.19	20	0.64	471	1	0.10	2	560	11	0.10	<2	5
H805778		4.66	10	<1	0.20	20	1.41	1415	2	0.02	50	650	96	0.45	5	10
H805779		4.72	<10	1	0.28	20	1.04	1290	1	0.02	35	790	143	0.68	3	8
H805780		4.78	<10	<1	0.28	20	0.56	1355	<1	0.02	22	670	77	0.62	5	5
H805781		3.98	10	<1	0.20	30	1.13	906	2	0.03	30	590	40	0.30	3	7
H805782		2.35	<10	<1	0.18	30	0.36	519	1	0.05	2	560	33	0.13	<2	5
H805783		3.92	<10	<1	0.30	30	0.32	177	1	0.03	1	580	132	0.36	2	4
H805784		3.35	<10	<1	0.29	20	0.06	597	2	0.02	2	590	53	0.24	4	4
H805785		3.95	<10	<1	0.40	30	0.06	130	6	0.03	1	710	20	0.54	2	3
H805786		4.79	<10	<1	0.38	30	0.11	85	5	0.06	<1	860	22	0.54	3	4
H805787		3.83	<10	<1	0.36	30	0.03	329	5	0.02	<1	780	38	0.40	6	5
H805788		3.24	<10	1	0.52	20	0.02	64	6	0.02	<1	410	1200	0.72	68	2
H805789		3.49	<10	2	0.35	20	0.02	158	11	0.02	1	540	394	0.34	232	6
H805790		3.93	<10	<1	0.37	30	0.02	461	5	0.02	1	680	198	0.39	43	5

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 30-JUN-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10079097

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
H805755		16	<20	<0.01	<10	<10	21	<10	426
H805756		20	<20	<0.01	<10	<10	18	<10	472
H805757		8	<20	<0.01	<10	<10	26	<10	402
H805758		35	<20	<0.01	<10	<10	14	<10	331
H805759		11	<20	<0.01	<10	<10	20	<10	640
H805760		36	<20	<0.01	<10	<10	8	<10	155
H805761		13	<20	<0.01	<10	<10	34	<10	575
H805762		81	<20	<0.01	<10	<10	10	<10	347
H805763		17	<20	<0.01	<10	<10	18	<10	995
H805764		85	<20	0.01	<10	<10	10	<10	188
H805765		10	<20	<0.01	<10	<10	25	<10	583
H805766		39	<20	<0.01	<10	<10	22	<10	422
H805767		24	<20	<0.01	<10	<10	5	<10	17
H805768		47	<20	0.05	<10	<10	45	<10	277
H805769		6	<20	<0.01	<10	<10	14	<10	46
H805770		34	<20	0.03	<10	<10	40	<10	126
H805771		26	<20	<0.01	<10	<10	29	<10	121
H805772		13	<20	<0.01	<10	<10	7	<10	150
H805773		22	<20	0.01	<10	<10	25	<10	134
H805774		57	<20	<0.01	<10	<10	4	<10	15
H805775		30	<20	0.02	<10	<10	43	<10	104
H805776		39	<20	0.10	<10	<10	50	<10	67
H805777		36	<20	0.04	<10	<10	45	<10	73
H805778		14	<20	<0.01	<10	<10	70	<10	433
H805779		26	<20	<0.01	<10	<10	56	<10	401
H805780		17	<20	<0.01	<10	<10	43	<10	409
H805781		21	<20	<0.01	<10	<10	58	<10	350
H805782		24	<20	<0.01	<10	<10	38	<10	175
H805783		29	<20	<0.01	<10	<10	34	<10	227
H805784		17	<20	<0.01	<10	<10	20	<10	318
H805785		30	<20	<0.01	<10	<10	25	<10	100
H805786		29	20	<0.01	<10	<10	40	<10	88
H805787		24	20	<0.01	<10	<10	32	<10	353
H805788		57	<20	<0.01	<10	<10	8	<10	104
H805789		25	<20	<0.01	<10	<10	20	<10	440
H805790		31	<20	<0.01	<10	<10	16	<10	433

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 3-JUL-2010
Account: ROCKHA

CERTIFICATE WH10079098

Project: Klaza

P.O. No.:

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 3-JUL-2010
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CERTIFICATE OF ANALYSIS WH10079098

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-AA24 Au Check ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
H805863		4.96	0.025			0.5	0.62	44	<10	440	0.6	4	0.06	<0.5	4	3
H805864		9.75	0.016			0.6	0.76	59	<10	620	0.7	2	0.06	<0.5	11	2
H805865		4.03	0.048			0.9	0.73	61	<10	490	0.6	4	0.07	0.6	25	3
H805866		1.86	0.016			1.0	0.75	29	<10	220	0.8	3	0.10	2.1	27	2
H805867		2.42	0.024			1.3	0.46	39	<10	480	<0.5	4	0.04	<0.5	1	2
H805868		2.70	0.013			1.1	0.49	35	<10	580	<0.5	6	0.03	<0.5	2	2
H805869		5.43	0.029			0.8	0.57	56	<10	1160	0.6	3	0.04	0.6	7	6
H805870		3.31	0.023			2.0	0.56	62	<10	410	1.1	6	0.04	0.8	9	3
H805871		5.23	0.019			1.1	0.51	62	<10	1120	<0.5	4	0.04	<0.5	1	4
H805872		2.33	0.045			0.8	0.68	89	<10	440	<0.5	4	0.06	<0.5	4	3
H805873		1.94	0.056			1.0	0.47	96	<10	400	<0.5	6	0.03	<0.5	1	2
H805874		1.99	0.060			0.7	0.82	133	<10	500	0.6	4	0.06	<0.5	5	4
H805875		3.08	0.068	0.066		0.4	0.80	74	<10	810	0.5	4	0.11	1.1	10	4
H805876		1.27	0.306	0.230		1.0	0.57	81	<10	840	0.6	5	0.05	1.2	11	3
H805877		4.28	1.740			23.5	0.49	254	<10	330	<0.5	33	0.10	0.5	2	2
H805878		1.67	0.132	0.118		1.0	0.74	48	<10	430	1.0	3	0.08	4.2	18	4
H805879		2.91	0.032			0.6	0.97	22	<10	340	0.7	2	0.25	2.7	13	6
H805880		2.78	0.036			0.9	0.81	31	<10	330	0.5	2	0.14	0.9	14	6
H805881		2.81	0.060			2.3	0.62	194	<10	470	<0.5	5	0.07	<0.5	4	3
H805882		3.29	0.130			4.1	0.49	210	<10	430	<0.5	6	0.06	<0.5	2	3
H805883		2.45	0.074			3.0	0.59	317	<10	360	0.5	6	0.07	0.5	3	3
H805884		2.78	0.071			2.5	0.54	113	<10	590	<0.5	4	0.06	<0.5	4	2
H805885		2.54	0.072			2.4	0.50	157	<10	480	<0.5	6	0.08	<0.5	3	2
H805886		3.02	0.146			6.4	0.42	132	<10	440	<0.5	12	0.02	<0.5	1	2
H805887		2.94	0.075			4.3	0.45	104	<10	360	<0.5	8	0.04	<0.5	<1	2
H805888		3.16	0.088			4.3	0.43	91	<10	360	<0.5	8	0.03	<0.5	<1	3
H805889		2.78	0.127			4.6	0.43	91	<10	300	<0.5	8	0.02	<0.5	<1	3
H805890		3.21	0.068			3.4	0.54	146	<10	390	<0.5	5	0.11	<0.5	3	2
H805891		4.56	0.092			4.7	0.45	63	<10	240	<0.5	8	0.08	<0.5	<1	3
H805892		4.39	0.261			7.3	0.42	128	<10	200	<0.5	13	0.10	<0.5	1	2
H805893		2.58	>10.0		10.60	>100	0.41	1145	<10	220	<0.5	352	0.06	0.9	2	2
H805894		3.54	2.11			54.1	0.38	468	<10	230	<0.5	46	0.08	0.9	1	3
H805895		2.95	0.106			6.8	0.44	278	<10	230	<0.5	12	0.02	<0.5	<1	3
H805896		3.48	0.070			2.3	0.49	157	<10	290	<0.5	6	0.08	0.6	3	2
H805897		2.38	0.066			1.6	0.91	61	<10	360	0.8	4	0.15	1.1	5	4
H805898		2.67	0.099			1.5	0.92	79	<10	470	0.6	3	0.14	0.9	6	5

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
H805863		148	2.87	<10	<1	0.25	20	0.06	86	2	0.02	1	500	47	0.15	2
H805864		217	2.96	<10	<1	0.26	30	0.06	211	1	0.02	<1	540	52	0.11	5
H805865		250	2.95	<10	<1	0.25	30	0.07	360	2	0.05	1	570	58	0.23	10
H805866		225	3.70	<10	<1	0.47	30	0.03	506	1	0.02	1	630	72	0.63	<2
H805867		44	1.84	<10	<1	0.38	10	0.02	56	3	0.01	<1	170	77	0.34	7
H805868		75	2.95	<10	<1	0.39	30	0.02	63	1	0.02	<1	430	169	0.39	2
H805869		171	3.26	<10	<1	0.30	30	0.03	238	3	0.02	1	580	52	0.24	15
H805870		250	3.89	<10	<1	0.37	20	0.03	346	11	0.01	<1	590	96	0.27	9
H805871		170	2.24	<10	1	0.29	20	0.03	89	4	0.01	<1	490	89	0.19	13
H805872		229	4.70	<10	<1	0.40	30	0.04	144	2	0.04	<1	760	46	0.56	8
H805873		142	4.37	<10	<1	0.35	30	0.03	44	1	0.08	<1	430	52	0.53	5
H805874		279	4.77	<10	<1	0.26	20	0.06	238	2	0.04	<1	740	23	0.27	18
H805875		172	3.73	<10	<1	0.27	20	0.22	411	3	0.05	1	670	19	0.29	2
H805876		248	4.58	<10	<1	0.38	20	0.03	413	2	0.03	<1	570	34	0.30	10
H805877		298	4.18	<10	2	0.51	20	0.03	102	5	0.01	<1	440	170	0.68	88
H805878		450	3.48	<10	1	0.23	20	0.03	1265	4	0.01	1	600	59	0.08	22
H805879		230	2.93	<10	<1	0.21	20	0.30	802	18	0.04	2	590	37	0.07	5
H805880		140	3.64	<10	<1	0.27	20	0.16	412	10	0.03	1	630	64	0.14	3
H805881		210	4.58	<10	<1	0.46	30	0.03	234	4	0.02	<1	730	81	0.58	8
H805882		132	3.29	<10	<1	0.50	20	0.03	152	5	0.02	<1	460	110	0.63	16
H805883		190	3.89	<10	<1	0.46	30	0.03	238	4	0.02	<1	1090	257	0.62	20
H805884		142	3.46	<10	<1	0.42	20	0.03	325	3	0.01	<1	470	102	0.43	17
H805885		170	3.98	<10	<1	0.48	20	0.03	290	3	0.02	<1	520	121	0.61	20
H805886		17	1.71	<10	<1	0.50	20	0.03	30	4	0.01	<1	230	129	0.56	20
H805887		26	2.10	<10	<1	0.51	10	0.03	40	4	0.01	<1	390	66	0.56	15
H805888		45	2.20	<10	1	0.49	10	0.03	40	3	0.01	<1	280	58	0.51	22
H805889		17	1.47	<10	1	0.46	10	0.02	41	3	0.01	<1	230	63	0.37	15
H805890		191	4.33	<10	<1	0.55	30	0.03	147	2	0.01	<1	680	126	0.75	19
H805891		46	2.52	<10	1	0.52	20	0.04	79	1	0.01	<1	170	92	0.57	24
H805892		119	3.67	<10	1	0.53	40	0.03	99	5	0.01	<1	260	108	0.68	53
H805893		193	4.12	<10	10	0.60	20	0.03	150	10	0.01	<1	300	953	0.82	656
H805894		150	4.10	<10	19	0.67	30	0.02	95	10	0.01	<1	310	396	1.18	904
H805895		47	1.90	<10	1	0.47	10	0.03	46	7	0.01	7	930	82	0.51	28
H805896		284	5.10	<10	1	0.63	20	0.03	216	2	0.02	<1	690	98	0.98	15
H805897		177	3.90	<10	<1	0.30	20	0.15	238	2	0.02	<1	790	139	0.26	9
H805898		171	3.61	<10	<1	0.30	20	0.26	261	3	0.04	<1	620	93	0.30	9

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

Project: Klaza

Finalized Date: 3-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10079098

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	1	20	0.01	10	10	1	10	2	1
H805863		3	33	<20	<0.01	<10	<10	13	<10	147	
H805864		4	16	<20	<0.01	<10	<10	13	<10	208	
H805865		4	25	<20	<0.01	<10	<10	18	<10	133	
H805866		3	40	20	<0.01	<10	<10	12	<10	214	
H805867		1	9	<20	<0.01	<10	<10	8	<10	92	
H805868		2	24	<20	<0.01	<10	<10	9	<10	133	
H805869		5	17	<20	<0.01	<10	<10	15	<10	242	
H805870		3	36	<20	<0.01	<10	<10	9	<10	400	
H805871		3	25	<20	<0.01	<10	<10	9	<10	136	
H805872		3	20	<20	<0.01	<10	<10	16	<10	186	
H805873		1	33	<20	<0.01	<10	<10	9	<10	59	
H805874		4	40	<20	<0.01	<10	<10	26	<10	254	
H805875		4	62	<20	<0.01	<10	<10	26	<10	217	
H805876		3	40	<20	<0.01	<10	<10	11	<10	266	
H805877		2	51	<20	<0.01	<10	<10	11	<10	199	
H805878		6	11	<20	<0.01	<10	<10	28	<10	392	
H805879		6	17	<20	0.01	<10	<10	36	<10	198	
H805880		4	19	<20	0.01	<10	<10	30	<10	155	
H805881		4	55	<20	<0.01	<10	<10	24	<10	243	
H805882		2	55	20	<0.01	<10	<10	10	<10	118	
H805883		3	76	20	<0.01	<10	<10	17	<10	233	
H805884		2	25	<20	<0.01	<10	<10	17	<10	228	
H805885		3	30	<20	<0.01	<10	<10	18	<10	247	
H805886		1	13	<20	<0.01	<10	<10	7	<10	14	
H805887		1	31	<20	<0.01	<10	<10	8	<10	27	
H805888		1	20	<20	<0.01	<10	<10	9	<10	32	
H805889		1	18	<20	<0.01	<10	<10	6	<10	10	
H805890		3	49	<20	<0.01	<10	<10	17	<10	177	
H805891		1	15	<20	<0.01	<10	<10	5	<10	54	
H805892		1	26	<20	<0.01	<10	<10	8	<10	136	
H805893		1	28	<20	<0.01	<10	<10	6	<10	150	183
H805894		1	38	<20	<0.01	<10	<10	7	<10	89	
H805895		2	40	<20	<0.01	<10	<10	5	<10	33	
H805896		2	47	20	<0.01	<10	<10	16	<10	302	
H805897		3	35	<20	0.01	<10	<10	27	<10	233	
H805898		4	37	<20	0.01	<10	<10	29	<10	188	

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

Finalized Date: 2-JUL-2010
Account: ROCKHA

CERTIFICATE WH10081795

Project: Klaza

P.O. No.:

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 2-JUL-2010
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CERTIFICATE OF ANALYSIS WH10081795

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H805935		5.13	0.735	7.0	0.37	350	<10	450	<0.5	7	0.08	3.0	7	5	446	3.68
H805936		5.42	0.228	3.5	0.35	132	<10	320	<0.5	5	0.05	<0.5	1	6	128	3.96
H805937		3.35	0.122	0.5	0.41	31	<10	350	0.5	2	0.10	2.1	7	7	101	2.36
H805939		3.61	0.510	1.1	0.54	99	<10	340	1.0	2	0.32	5.2	18	6	197	3.01
H805940		2.99	0.341	1.1	0.45	131	<10	410	0.7	3	1.54	2.1	9	5	131	2.93
H805941		3.99	2.91	0.6	0.60	66	<10	470	0.5	4	0.73	1.1	6	8	91	2.88
H805942		3.62	0.162	0.9	0.71	49	<10	560	0.6	3	0.79	2.6	8	9	96	3.03
H805943		1.99	0.011	<0.2	0.59	15	<10	730	0.8	<2	2.92	0.5	5	2	23	2.37
H805944		3.11	0.658	1.4	0.52	142	<10	580	0.6	5	0.21	2.1	10	5	135	3.65
H805945		0.84	0.300	0.3	0.93	13	<10	630	<0.5	3	0.52	0.7	6	11	48	2.79
H805946		2.56	0.347	1.0	0.52	60	<10	820	0.5	3	0.18	1.0	6	6	109	3.85
H805947		2.05	0.281	0.4	0.86	17	<10	350	<0.5	3	0.27	0.6	7	14	136	2.60
H805948		2.71	0.262	0.5	1.12	10	<10	690	<0.5	4	0.38	0.9	6	13	142	2.71
H805949		3.19	0.096	1.2	0.72	29	<10	420	0.6	8	0.13	1.9	8	8	175	3.13
H805950		2.82	0.148	3.4	0.45	68	<10	730	<0.5	23	0.06	0.5	2	5	119	3.66
H805951		2.70	0.117	1.7	0.98	19	<10	620	<0.5	21	0.16	0.7	5	11	205	3.48
H805952		2.33	0.057	1.2	1.39	13	<10	350	<0.5	8	0.25	0.7	4	13	132	3.34
H805953		5.37	0.156	1.8	0.87	40	<10	520	<0.5	12	0.13	0.9	3	10	198	3.96
H805954		4.44	0.130	1.2	1.28	23	<10	410	<0.5	18	0.28	1.1	6	12	248	3.06
H805955		2.52	0.112	1.2	1.12	34	<10	460	<0.5	18	0.20	1.1	7	11	320	3.53
H805956		2.18	0.378	2.4	0.59	126	<10	300	0.8	16	0.11	4.4	12	4	284	4.93
H805957		4.08	0.056	0.9	0.82	29	<10	340	0.5	10	0.15	2.1	7	11	198	3.45
H805958		3.07	0.057	4.0	0.47	121	<10	530	<0.5	10	0.07	<0.5	1	5	161	4.30
H805959		1.68	0.051	3.1	0.32	20	<10	250	<0.5	7	0.06	<0.5	<1	6	26	1.76
H805960		1.63	0.047	4.8	0.47	50	<10	570	<0.5	5	0.08	<0.5	3	5	137	3.21
H805961		2.13	0.019	3.7	0.67	39	<10	760	0.6	9	0.11	0.8	7	5	212	3.68
H805962		3.56	0.038	1.2	0.68	27	<10	500	<0.5	5	0.10	<0.5	2	4	204	3.94
H805963		0.85	0.029	2.2	0.36	32	<10	230	<0.5	8	0.12	<0.5	1	3	113	3.60
H805964		1.95	0.221	3.3	0.42	52	<10	510	<0.5	13	0.09	<0.5	1	2	40	3.46
H805965		1.61	0.012	1.5	0.59	27	<10	420	<0.5	2	0.05	<0.5	4	3	160	4.80
H805966		2.12	0.080	8.6	0.36	27	<10	610	<0.5	11	0.05	<0.5	<1	3	34	2.04
H805967		2.43	0.048	2.8	0.38	55	<10	280	<0.5	5	0.07	<0.5	1	3	81	3.36
H805968		1.31	0.016	1.8	0.37	15	<10	330	<0.5	3	0.06	<0.5	2	3	53	3.37
H805969		2.08	0.046	1.1	0.61	37	<10	660	<0.5	2	0.06	<0.5	3	4	153	3.84
H805970		1.00	0.024	1.3	0.41	27	<10	420	<0.5	3	0.06	<0.5	4	3	82	4.88
H805971		2.35	0.031	3.4	0.31	25	<10	250	<0.5	8	0.03	<0.5	<1	4	13	2.07

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 2-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10081795

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H805935		<10	<1	0.29	30	0.03	565	1	0.01	7	660	184	0.24	30	2	59
H805936		<10	<1	0.52	20	0.03	68	3	0.02	<1	230	239	0.74	10	1	12
H805937		<10	<1	0.21	30	0.04	345	3	0.02	<1	530	35	0.14	3	3	13
H805939		<10	<1	0.21	30	0.08	1575	2	0.01	2	640	39	0.09	10	5	12
H805940		<10	<1	0.21	20	0.19	1755	1	0.01	1	600	31	0.69	16	4	37
H805941		<10	<1	0.20	20	0.23	714	4	0.04	1	600	23	0.22	2	4	30
H805942		<10	<1	0.29	30	0.10	1345	2	0.05	1	600	92	0.20	2	6	33
H805943		<10	<1	0.26	30	0.11	708	1	0.02	<1	910	16	0.02	2	4	197
H805944		<10	<1	0.25	30	0.05	1255	2	0.02	1	640	61	0.13	9	5	25
H805945		10	<1	0.16	20	0.57	429	<1	0.06	1	640	14	0.12	2	5	37
H805946		<10	<1	0.27	30	0.05	785	1	0.04	1	620	71	0.15	<2	5	36
H805947		<10	<1	0.17	30	0.44	647	28	0.04	2	640	12	0.12	<2	4	17
H805948		10	<1	0.18	20	0.58	629	1	0.07	1	590	16	0.05	<2	5	36
H805949		<10	<1	0.21	30	0.23	737	1	0.06	1	610	61	0.16	3	4	37
H805950		<10	<1	0.25	20	0.04	105	4	0.07	<1	540	92	0.24	5	2	48
H805951		<10	<1	0.17	20	0.44	406	2	0.05	1	610	48	0.10	2	4	31
H805952		10	<1	0.18	20	0.66	381	1	0.06	1	680	39	0.08	<2	5	26
H805953		<10	<1	0.21	20	0.30	208	3	0.06	<1	570	79	0.24	2	4	39
H805954		10	<1	0.17	20	0.70	453	5	0.06	1	640	39	0.10	2	5	19
H805955		<10	<1	0.17	20	0.57	438	2	0.04	<1	630	46	0.09	2	5	17
H805956		<10	<1	0.27	30	0.03	1430	3	0.02	<1	610	86	0.14	40	4	34
H805957		<10	<1	0.19	20	0.25	629	2	0.04	<1	640	45	0.04	2	5	16
H805958		<10	<1	0.30	20	0.04	78	5	0.02	<1	570	243	0.19	14	2	51
H805959		<10	<1	0.28	20	0.03	41	2	0.01	<1	210	164	0.20	2	1	36
H805960		<10	<1	0.35	30	0.04	110	1	0.02	<1	550	106	0.29	2	4	63
H805961		<10	<1	0.26	20	0.15	290	6	0.04	<1	690	94	0.26	3	5	45
H805962		<10	<1	0.31	30	0.11	74	2	0.06	<1	620	89	0.42	3	3	34
H805963		<10	<1	0.37	20	0.03	104	2	0.03	<1	400	254	0.53	3	2	23
H805964		<10	<1	0.39	20	0.03	50	3	0.01	<1	350	275	0.50	5	1	52
H805965		<10	<1	0.37	20	0.05	181	2	0.03	<1	650	43	0.50	4	3	32
H805966		<10	<1	0.37	20	0.03	38	1	0.01	<1	190	318	0.40	2	1	35
H805967		<10	<1	0.49	20	0.03	69	5	0.02	<1	300	84	0.65	3	1	46
H805968		<10	<1	0.35	20	0.03	117	3	0.02	<1	320	51	0.48	2	2	34
H805969		<10	<1	0.34	20	0.04	144	2	0.03	<1	700	35	0.35	8	5	35
H805970		<10	<1	0.47	20	0.03	283	1	0.02	<1	580	28	0.63	5	3	31
H805971		<10	<1	0.43	20	0.02	31	1	0.01	<1	240	221	0.52	<2	1	34

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Project: Klaza

Finalized Date: 2-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10081795

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
H805935		<20	0.01	<10	<10	8	<10	263
H805936		<20	<0.01	<10	<10	7	<10	133
H805937		<20	<0.01	<10	<10	19	<10	225
H805939		<20	<0.01	<10	<10	18	<10	289
H805940		<20	<0.01	<10	<10	14	<10	175
H805941		<20	0.01	<10	<10	26	<10	141
H805942		<20	<0.01	<10	<10	25	<10	209
H805943		<20	<0.01	<10	<10	14	<10	129
H805944		<20	<0.01	<10	<10	19	<10	214
H805945		<20	0.03	<10	<10	43	<10	67
H805946		<20	<0.01	<10	<10	25	<10	153
H805947		<20	<0.01	<10	<10	31	<10	108
H805948		<20	0.02	<10	<10	41	<10	97
H805949		<20	<0.01	<10	<10	23	<10	214
H805950		<20	<0.01	<10	<10	11	<10	155
H805951		<20	0.01	<10	<10	35	<10	115
H805952		<20	0.02	<10	<10	47	<10	102
H805953		<20	<0.01	<10	<10	29	<10	179
H805954		<20	0.01	<10	<10	44	<10	111
H805955		<20	0.01	<10	<10	42	<10	141
H805956		<20	<0.01	<10	<10	17	<10	399
H805957		<20	0.01	<10	<10	35	<10	225
H805958		<20	<0.01	<10	<10	13	<10	228
H805959		<20	<0.01	<10	<10	5	<10	84
H805960		<20	<0.01	<10	<10	14	<10	241
H805961		20	<0.01	<10	<10	25	<10	234
H805962		20	<0.01	<10	<10	21	<10	236
H805963		<20	<0.01	<10	<10	10	<10	303
H805964		<20	<0.01	<10	<10	8	<10	157
H805965		20	<0.01	<10	<10	20	<10	279
H805966		<20	<0.01	<10	<10	5	<10	78
H805967		<20	<0.01	<10	<10	8	<10	149
H805968		<20	<0.01	<10	<10	14	<10	156
H805969		<20	<0.01	<10	<10	24	<10	164
H805970		20	<0.01	<10	<10	21	<10	250
H805971		<20	<0.01	<10	<10	6	<10	48

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Finalized Date: 2-JUL-2010
Account: ROCKHA

CERTIFICATE WH10082560

Project: Klaza

P.O. No.:

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 21-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 2-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10082560

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H805791		2.38	0.188	16.6	0.64	201	<10	270	<0.5	27	0.08	<0.5	3	4	155	4.02
H805792		2.67	0.164	5.3	0.22	160	<10	510	<0.5	18	0.04	<0.5	2	23	58	2.84
H805793		2.84	0.482	4.2	0.39	222	<10	360	<0.5	10	0.06	<0.5	4	3	86	3.22
H805794		1.73	0.199	3.5	0.27	365	<10	400	<0.5	8	0.05	<0.5	4	11	61	4.10
H805795		3.70	0.736	21.2	0.27	102	<10	280	<0.5	29	0.02	<0.5	1	4	12	2.43
H805796		3.12	0.139	1.9	0.30	235	<10	300	<0.5	7	0.02	<0.5	8	11	53	3.65
H805797		6.32	0.028	0.3	0.48	59	<10	280	<0.5	5	0.04	0.6	10	15	72	2.32
H805798		3.42	0.033	0.3	0.50	45	<10	410	<0.5	5	0.05	<0.5	7	3	65	2.99
H805799		2.40	0.038	1.0	0.40	61	<10	580	<0.5	5	0.03	<0.5	4	3	50	2.93
H805800		3.15	0.245	7.7	0.23	198	<10	150	<0.5	12	0.02	<0.5	1	14	29	1.73
H805801		2.32	0.046	0.7	0.38	45	<10	570	<0.5	6	0.03	<0.5	7	4	109	2.99
H805802		4.04	0.235	1.5	0.48	130	<10	760	<0.5	10	0.05	0.9	14	4	156	4.33
H805803		1.78	0.172	3.0	0.32	192	<10	260	<0.5	7	0.03	<0.5	2	12	86	2.96
H805804		2.60	1.320	30.4	0.27	258	<10	330	<0.5	55	0.02	<0.5	<1	3	19	2.39
H805805		2.35	0.065	3.2	0.37	187	<10	390	<0.5	11	0.05	<0.5	2	3	146	3.62
H805806		2.61	0.072	1.0	0.43	64	<10	300	0.5	8	0.05	2.3	29	10	113	3.59
H805807		5.06	0.093	0.7	0.43	52	<10	360	<0.5	4	0.04	0.6	7	4	118	3.48
H805808		5.44	0.073	0.6	0.43	26	<10	780	0.5	<2	0.16	2.5	11	4	62	3.43
H805809		3.07	0.035	0.6	0.85	31	<10	920	0.6	4	0.12	0.9	8	10	102	3.91
H805810		2.40	0.015	0.4	0.62	38	<10	330	1.2	2	0.09	5.1	23	2	192	2.97
H805811		3.01	0.034	0.3	0.51	24	<10	630	0.7	4	0.04	3.2	13	4	231	2.29
H805812		2.60	0.038	0.6	0.51	37	<10	710	0.8	5	0.04	1.9	15	4	168	3.00
H805813		2.15	0.022	0.4	0.48	43	<10	630	0.7	2	0.03	4.0	28	4	220	3.41
H805814		3.16	0.101	1.5	0.39	47	<10	760	<0.5	15	0.03	<0.5	3	7	120	3.02
H805815		3.18	0.050	3.5	0.46	45	<10	670	0.6	20	0.03	1.3	9	6	119	3.41
H805816		2.75	0.132	1.7	0.38	55	<10	320	<0.5	5	0.04	<0.5	2	3	107	3.55
H805817		3.28	0.039	0.8	0.41	43	<10	240	0.5	6	0.03	<0.5	3	9	138	3.83
H805818		2.38	0.031	0.9	0.92	22	<10	180	0.6	<2	0.09	1.0	8	4	131	3.93
H805819		5.61	0.387	1.7	0.46	55	<10	240	<0.5	3	0.07	<0.5	1	3	89	3.72
H805820		4.89	0.386	7.9	0.28	138	<10	220	<0.5	13	0.05	<0.5	<1	3	31	3.81
H805821		2.28	0.607	71.5	0.25	267	<10	120	<0.5	144	0.05	<0.5	<1	8	155	5.69
H805822		3.18	0.147	8.1	0.42	87	<10	200	<0.5	29	0.09	<0.5	1	2	79	4.28
H805823		3.19	0.031	0.8	0.53	20	<10	300	<0.5	3	0.09	0.5	<1	3	88	3.56
H805824		2.54	0.285	5.3	0.31	97	<10	110	<0.5	11	0.06	<0.5	2	9	42	4.62
H805825		0.22	6.95	23.9	0.14	183	<10	<10	<0.5	24	0.01	<0.5	66	14	106	22.0
H805826		1.98	0.240	9.6	0.42	156	<10	150	<0.5	17	0.12	0.5	1	1	82	5.50

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 2-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10082560

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H805791		<10	1	0.47	30	0.03	146	4	0.01	<1	770	378	0.70	114	6	63
H805792		<10	<1	0.26	10	0.02	70	4	0.01	<1	330	261	0.49	18	2	18
H805793		<10	1	0.33	20	0.02	145	7	0.01	<1	360	359	0.44	24	2	13
H805794		<10	1	0.31	20	0.01	222	9	0.01	<1	350	350	0.49	27	2	28
H805795		<10	1	0.50	20	0.01	41	2	0.01	<1	120	771	0.70	24	1	18
H805796		<10	<1	0.47	30	0.01	80	5	0.02	<1	440	138	0.72	6	2	45
H805797		<10	<1	0.16	10	0.07	159	2	0.03	<1	390	40	0.15	5	3	17
H805798		<10	<1	0.20	20	0.04	145	3	0.02	<1	470	29	0.23	6	4	19
H805799		<10	1	0.20	10	0.01	111	3	0.01	<1	450	70	0.21	11	4	27
H805800		<10	<1	0.24	20	0.01	23	3	<0.01	<1	190	646	0.42	13	1	28
H805801		<10	<1	0.22	30	0.02	204	<1	0.02	<1	420	67	0.22	11	3	23
H805802		<10	<1	0.20	30	0.03	302	2	0.03	<1	480	70	0.23	7	3	16
H805803		<10	<1	0.29	20	0.02	72	<1	0.01	<1	390	235	0.31	21	2	26
H805804		<10	<1	0.52	10	0.02	40	<1	0.01	<1	100	378	0.74	36	1	11
H805805		<10	<1	0.27	20	0.02	50	<1	0.01	<1	590	328	0.33	33	2	50
H805806		<10	<1	0.20	30	0.02	883	<1	0.01	4	520	82	0.15	9	3	15
H805807		<10	<1	0.18	20	0.02	186	1	0.01	2	440	56	0.13	14	4	10
H805808		<10	<1	0.14	20	0.03	511	1	0.01	3	420	59	0.08	6	5	15
H805809		<10	<1	0.17	20	0.18	225	1	0.02	2	560	50	0.11	9	4	17
H805810		<10	<1	0.13	20	0.04	1075	6	0.01	3	520	31	0.06	6	10	6
H805811		<10	<1	0.10	10	0.01	623	2	0.02	2	450	26	0.04	28	7	12
H805812		<10	<1	0.13	20	0.02	653	6	0.01	3	550	37	0.03	26	7	11
H805813		<10	<1	0.12	10	0.01	1210	4	<0.01	3	530	26	0.04	43	9	12
H805814		<10	<1	0.14	20	0.02	153	2	0.01	2	400	111	0.12	39	4	11
H805815		<10	1	0.14	20	0.02	476	2	0.01	2	460	113	0.10	28	6	12
H805816		<10	1	0.23	10	0.02	67	2	0.01	1	480	172	0.21	27	3	10
H805817		<10	<1	0.15	20	0.03	152	10	0.01	2	470	39	0.14	31	5	8
H805818		<10	<1	0.25	20	0.12	326	3	0.01	2	540	100	0.27	6	6	8
H805819		<10	<1	0.53	20	0.02	58	1	0.01	<1	470	135	0.83	6	3	18
H805820		<10	1	0.70	10	0.02	37	<1	0.01	1	270	226	1.22	6	1	13
H805821		<10	1	0.88	10	0.02	33	<1	0.01	1	330	4390	2.15	21	1	11
H805822		<10	<1	0.63	20	0.02	56	1	0.01	<1	430	160	1.32	11	3	16
H805823		<10	1	0.41	20	0.03	48	<1	0.01	1	580	59	0.63	2	5	12
H805824		<10	<1	0.70	10	0.02	26	1	0.02	1	330	659	1.83	6	1	14
H805825		<10	1	0.11	<10	0.01	21	<1	0.01	2	90	525	>10.0	3	<1	3
H805826		<10	<1	0.87	20	0.03	45	2	0.02	1	390	1645	1.79	7	3	16

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 2-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10082560

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
H805791		<20	<0.01	<10	<10	18	<10	342
H805792		<20	<0.01	<10	<10	9	<10	141
H805793		<20	<0.01	<10	<10	12	<10	289
H805794		<20	<0.01	<10	<10	8	<10	459
H805795		<20	<0.01	<10	<10	4	<10	34
H805796		20	<0.01	<10	<10	12	<10	262
H805797		<20	<0.01	<10	<10	20	<10	208
H805798		<20	<0.01	<10	<10	20	<10	326
H805799		<20	<0.01	<10	<10	20	<10	262
H805800		<20	<0.01	<10	<10	4	<10	66
H805801		<20	<0.01	<10	<10	11	<10	195
H805802		<20	<0.01	<10	<10	15	<10	271
H805803		<20	<0.01	<10	<10	13	<10	268
H805804		<20	<0.01	<10	<10	4	<10	37
H805805		<20	<0.01	<10	<10	9	<10	200
H805806		<20	<0.01	<10	<10	15	<10	349
H805807		<20	<0.01	<10	<10	21	<10	415
H805808		<20	<0.01	<10	<10	24	<10	410
H805809		<20	0.01	<10	<10	30	<10	332
H805810		<20	<0.01	<10	<10	23	<10	410
H805811		<20	<0.01	<10	<10	28	<10	235
H805812		<20	<0.01	<10	<10	29	<10	198
H805813		<20	<0.01	<10	<10	38	<10	229
H805814		<20	<0.01	<10	<10	23	<10	178
H805815		<20	<0.01	<10	<10	31	<10	308
H805816		<20	<0.01	<10	<10	15	<10	161
H805817		<20	<0.01	<10	<10	28	<10	145
H805818		<20	<0.01	<10	<10	21	<10	226
H805819		<20	<0.01	<10	<10	16	<10	148
H805820		<20	<0.01	<10	<10	6	<10	46
H805821		<20	<0.01	<10	<10	5	<10	58
H805822		<20	<0.01	<10	<10	15	<10	112
H805823		<20	<0.01	<10	<10	27	<10	133
H805824		<20	<0.01	<10	<10	9	<10	76
H805825		<20	<0.01	<10	<10	1	<10	21
H805826		<20	<0.01	<10	<10	13	<10	132

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Finalized Date: 3-JUL-2010
Account: ROCKHA

CERTIFICATE WH10082562

Project: Klaza

P.O. No.:

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH10082562

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H805899		2.23	0.165	2.0	0.64	285	<10	470	0.6	3	0.08	0.9	9	3	276	4.54
H805900		4.53	0.045	0.9	0.93	31	<10	1100	0.7	2	0.10	0.8	9	4	141	3.54
H805901		1.94	0.050	2.0	0.61	149	<10	150	0.7	2	0.09	0.7	6	2	173	3.94
H805902		1.68	1.980	12.1	0.58	325	<10	370	<0.5	18	0.14	1.1	3	2	176	5.47
H805903		1.87	0.025	0.8	0.65	76	<10	370	1.1	<2	0.11	4.6	22	13	133	3.75
H805904		4.26	0.191	1.1	0.89	29	<10	860	0.7	2	0.14	1.7	8	5	108	4.09
H805905		1.80	0.046	0.5	0.92	30	<10	960	0.5	<2	0.11	<0.5	7	5	88	3.48
H805906		5.07	0.272	2.8	0.60	197	<10	300	<0.5	5	0.08	0.8	4	3	163	4.95
H805907		2.07	0.044	1.4	0.86	74	<10	940	0.7	3	0.28	2.6	11	5	138	4.46
H805908		4.28	0.029	1.0	0.97	30	<10	700	0.6	2	0.27	1.8	9	6	135	3.65
H805909		5.09	0.043	0.8	0.74	28	<10	900	0.7	2	0.63	1.6	8	5	73	3.05
H805910		2.57	0.138	1.5	1.04	246	<10	1010	0.7	4	0.21	2.2	11	4	65	3.94
H805911		4.87	0.347	1.9	0.42	135	<10	1420	<0.5	6	0.11	1.1	5	2	82	2.63
H805912		3.02	0.027	0.6	1.23	19	<10	620	1.0	<2	0.36	4.1	12	8	182	3.29
H805913		4.86	0.035	0.4	0.82	7	<10	520	0.7	<2	0.30	3.3	11	6	267	2.99
H805914		1.79	0.207	9.5	0.51	131	<10	470	0.5	7	0.12	2.6	7	3	690	3.76
H805915		2.66	0.158	11.3	0.41	137	<10	340	<0.5	11	0.11	1.4	3	2	376	4.45
H805916		1.50	0.050	2.6	1.69	10	<10	170	0.8	<2	0.29	0.8	7	6	1075	3.40
H805917		5.78	0.357	15.1	0.61	230	<10	790	0.5	25	0.08	1.2	5	4	635	4.35
H805918		6.25	0.202	5.0	0.96	72	<10	460	0.8	14	0.30	2.3	10	4	448	3.91
H805919		2.73	0.029	1.0	0.78	31	<10	880	0.8	3	0.74	2.6	8	4	64	2.84
H805920		2.85	0.034	0.9	0.83	24	<10	380	0.7	3	0.64	1.3	7	5	57	3.01
H805921		4.30	0.037	0.5	1.21	21	<10	730	0.6	2	0.41	1.2	7	7	69	3.03
H805922		3.37	0.045	0.4	1.21	13	<10	320	<0.5	<2	0.53	<0.5	8	9	34	2.91
H805923		2.13	0.045	0.4	1.38	8	<10	360	<0.5	<2	0.87	<0.5	7	9	17	2.81
H805924		2.98	0.028	0.4	1.12	9	<10	340	0.5	<2	0.35	1.1	10	7	41	2.43
H805925		3.09	0.048	0.8	0.74	23	<10	470	0.7	<2	0.24	3.1	12	6	122	2.85
H805926		4.15	0.795	1.3	0.79	37	<10	680	0.7	10	0.65	3.5	8	5	110	3.44
H805927		1.46	1.245	4.9	0.52	136	<10	610	<0.5	72	0.07	1.6	2	3	112	3.05
H805928		1.85	0.016	0.5	1.32	12	<10	220	0.5	<2	0.43	1.9	7	9	64	2.86
H805929		3.65	0.042	0.5	0.97	14	<10	380	0.5	2	0.76	2.9	9	8	61	2.69
H805930		3.05	0.217	2.8	0.70	80	<10	230	0.9	<2	0.23	29.9	13	4	647	3.41
H805931		3.27	8.34	>100	0.51	1220	<10	430	<0.5	243	0.10	2.1	1	3	419	3.95
H805932		3.09	1.305	38.6	0.68	487	<10	440	<0.5	156	0.12	1.1	1	2	335	4.01
H805933		2.18	0.552	12.6	0.81	137	<10	1690	0.5	10	0.07	1.3	12	2	727	3.87
H805934		4.47	0.508	32.4	0.57	330	<10	260	<0.5	85	0.07	0.6	<1	2	152	3.43

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

Project: Klaza

Finalized Date: 3-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10082562

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H805899		<10	<1	0.40	40	0.05	317	3	0.02	2	850	85	0.47	10	5	55
H805900		<10	<1	0.24	20	0.18	449	7	0.03	2	610	49	0.15	4	5	35
H805901		<10	<1	0.40	30	0.03	260	4	0.01	1	770	92	0.35	6	5	34
H805902		<10	<1	0.45	20	0.04	306	3	0.02	<1	420	382	0.55	18	2	31
H805903		<10	<1	0.25	30	0.03	2030	2	0.01	6	570	42	0.07	2	5	12
H805904		<10	<1	0.31	20	0.19	573	4	0.06	1	610	52	0.27	<2	4	56
H805905		<10	<1	0.29	20	0.22	372	2	0.05	1	590	28	0.23	4	4	51
H805906		<10	<1	0.51	20	0.05	329	2	0.04	<1	620	87	0.70	13	2	49
H805907		<10	<1	0.30	20	0.18	843	2	0.04	3	770	54	0.27	5	5	62
H805908		<10	<1	0.24	20	0.34	549	4	0.05	6	610	48	0.21	2	5	35
H805909		<10	<1	0.25	30	0.20	673	7	0.04	2	620	39	0.23	4	6	30
H805910		<10	<1	0.32	20	0.26	789	5	0.02	2	580	64	0.20	7	5	22
H805911		<10	<1	0.25	20	0.03	220	5	0.04	1	380	116	0.21	17	3	32
H805912		<10	<1	0.28	30	0.23	989	1	0.02	3	690	24	0.05	13	9	15
H805913		<10	<1	0.17	30	0.16	755	3	0.05	2	640	11	0.10	6	8	23
H805914		<10	<1	0.45	20	0.03	351	4	0.02	4	530	147	0.49	41	3	33
H805915		<10	1	0.53	20	0.03	186	3	0.02	<1	330	133	0.74	17	2	32
H805916		<10	<1	0.15	20	0.42	253	3	0.02	2	620	26	0.05	8	7	18
H805917		<10	1	0.26	20	0.03	173	3	0.01	1	530	167	0.17	52	5	25
H805918		<10	1	0.23	30	0.09	558	11	0.02	1	610	62	0.15	14	7	15
H805919		<10	<1	0.23	30	0.10	788	<1	0.02	2	610	69	0.28	9	6	21
H805920		<10	<1	0.22	30	0.19	804	5	0.03	1	600	33	0.24	3	5	25
H805921		<10	<1	0.17	20	0.42	591	3	0.04	1	600	16	0.14	6	5	26
H805922		<10	<1	0.16	20	0.55	501	1	0.06	1	620	10	0.16	<2	5	29
H805923		10	<1	0.18	20	0.75	525	1	0.09	1	650	11	0.08	2	6	45
H805924		<10	<1	0.17	20	0.41	419	2	0.06	1	600	14	0.03	3	6	24
H805925		<10	<1	0.20	30	0.11	726	1	0.04	2	660	21	0.06	11	6	17
H805926		<10	<1	0.21	30	0.12	959	2	0.03	1	640	36	0.10	8	6	22
H805927		<10	<1	0.39	20	0.05	133	1	0.04	<1	300	234	0.39	15	2	38
H805928		<10	<1	0.17	20	0.68	410	2	0.08	1	610	13	0.09	<2	5	39
H805929		<10	<1	0.21	20	0.37	570	3	0.06	1	610	17	0.15	<2	6	41
H805930		<10	<1	0.27	30	0.04	3130	8	0.02	2	610	193	0.14	3	7	19
H805931		<10	1	0.35	10	0.04	105	5	0.01	<1	680	>10000	0.65	149	1	50
H805932		<10	<1	0.46	20	0.05	92	1	0.01	<1	710	1125	0.61	17	3	80
H805933		<10	<1	0.23	20	0.03	945	2	0.02	1	650	69	0.14	9	7	31
H805934		<10	<1	0.56	20	0.04	83	1	0.01	<1	440	341	0.73	36	2	62

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 3-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10082562

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Ag-OG46 Ag ppm 1	Pb-OG46 Pb % 0.001
H805899		20	<0.01	<10	<10	17	<10	248		
H805900		<20	<0.01	<10	<10	26	<10	214		
H805901		<20	<0.01	<10	<10	14	<10	268		
H805902		<20	<0.01	<10	<10	11	<10	260		
H805903		20	<0.01	<10	<10	18	<10	375		
H805904		<20	<0.01	<10	<10	24	<10	174		
H805905		<20	<0.01	<10	<10	31	<10	212		
H805906		<20	<0.01	<10	<10	17	<10	218		
H805907		<20	<0.01	<10	<10	29	<10	189		
H805908		<20	<0.01	<10	<10	31	<10	171		
H805909		<20	0.01	<10	<10	32	<10	152		
H805910		<20	0.02	<10	<10	28	<10	214		
H805911		<20	<0.01	<10	<10	12	<10	125		
H805912		<20	0.02	<10	<10	38	<10	172		
H805913		20	0.01	<10	<10	42	<10	129		
H805914		<20	<0.01	<10	<10	16	<10	237		
H805915		<20	<0.01	<10	<10	11	<10	273		
H805916		<20	0.02	<10	<10	40	<10	172		
H805917		<20	<0.01	<10	<10	24	<10	344		
H805918		<20	<0.01	<10	<10	28	<10	376		
H805919		<20	<0.01	<10	<10	27	<10	186		
H805920		<20	0.01	<10	<10	31	<10	100		
H805921		<20	0.01	<10	<10	38	<10	112		
H805922		<20	0.02	<10	<10	44	<10	59		
H805923		<20	0.06	<10	<10	57	<10	65		
H805924		<20	0.03	<10	<10	42	<10	117		
H805925		<20	<0.01	<10	<10	35	<10	238		
H805926		<20	<0.01	<10	<10	34	<10	325		
H805927		<20	<0.01	<10	<10	14	<10	263		
H805928		<20	0.03	<10	<10	46	<10	209		
H805929		<20	0.01	<10	<10	38	<10	207		
H805930		<20	<0.01	<10	<10	25	<10	1800		
H805931		<20	<0.01	<10	<10	10	<10	431	202	1.135
H805932		<20	<0.01	<10	<10	15	<10	342		
H805933		<20	<0.01	<10	<10	28	<10	509		
H805934		<20	<0.01	<10	<10	8	<10	106		

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To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 12-JUL-2010
Account: ROCKHA

CERTIFICATE WH10085377

Project: Klaza

P.O. No.:

This report is for 215 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 12-JUL-2010
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CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H805972		0.97	0.014	1.0	0.53	65	<10	240	<0.5	<2	0.10	<0.5	3	3	87	5.14
H805973		2.38	0.015	1.3	0.55	44	<10	350	<0.5	2	0.06	<0.5	4	4	101	4.58
H805974		2.15	0.015	1.3	0.58	72	<10	180	<0.5	3	0.11	<0.5	3	3	80	6.03
H805975		2.24	0.009	2.2	0.45	32	<10	280	<0.5	4	0.05	<0.5	2	4	44	3.62
H805976		2.67	0.021	2.3	0.67	37	<10	390	<0.5	11	0.04	<0.5	4	5	114	4.55
H805977		2.26	0.017	2.7	0.68	20	<10	410	<0.5	5	0.05	<0.5	3	4	75	4.13
H805978		3.58	0.018	1.7	0.76	38	<10	490	0.5	3	0.04	0.5	4	4	152	4.15
H805979		0.60	<0.005	<0.2	0.04	2	<10	20	<0.5	<2	20.2	<0.5	<1	1	3	0.38
H805980		2.43	0.019	2.9	0.39	8	<10	300	<0.5	4	0.08	<0.5	<1	3	16	2.32
H805981		3.03	0.016	1.9	0.44	34	<10	290	<0.5	4	0.10	<0.5	3	3	61	3.73
H805982		1.94	0.026	2.3	0.61	40	<10	260	<0.5	3	0.05	<0.5	3	4	157	4.88
H805983		1.39	2.50	2.8	0.53	65	<10	280	<0.5	10	0.08	<0.5	<1	2	76	4.37
H805984		2.91	0.014	1.2	0.65	21	<10	340	<0.5	2	0.06	<0.5	4	4	106	3.61
H805985		5.26	0.038	2.2	0.51	29	<10	770	<0.5	4	0.06	<0.5	2	4	91	3.49
H805986		0.19	3.17	>100	0.18	>10000	<10	10	<0.5	<2	0.43	341	2	9	1680	13.70
H805987		4.86	0.023	2.2	0.99	170	<10	1730	0.6	3	0.16	3.2	7	4	118	4.70
H805988		2.61	0.005	0.6	1.37	31	<10	1100	0.7	2	0.27	2.5	7	5	77	3.78
H805989		2.30	0.021	2.4	0.76	46	<10	1210	0.6	4	0.15	4.8	7	3	171	5.98
H805990		2.45	0.041	1.5	1.17	27	<10	510	0.5	3	0.27	2.1	4	5	102	3.81
H805991		4.95	0.031	1.1	1.03	24	<10	480	0.7	3	0.19	3.9	18	4	186	4.12
H805992		3.25	0.020	2.4	1.06	25	<10	1480	0.9	2	0.18	5.6	9	4	183	4.48
H805993		7.18	0.051	4.7	0.88	53	<10	570	0.5	3	0.12	2.1	5	4	331	4.31
H805994		6.44	0.035	5.5	0.65	77	<10	460	<0.5	3	0.09	1.3	1	3	201	3.21
H805995		3.84	0.027	2.9	1.11	36	<10	450	0.5	4	0.17	2.0	4	5	324	4.60
H805996		4.28	0.016	0.9	1.32	16	<10	560	<0.5	2	0.34	3.2	7	8	109	3.09
H805997		2.32	0.063	3.4	0.84	87	<10	490	0.5	5	0.14	4.5	4	5	249	3.94
H805998		4.89	0.032	2.3	1.13	51	<10	310	0.6	2	0.22	6.5	10	11	214	3.97
H805999		4.72	0.059	2.9	1.01	62	<10	1170	0.8	3	0.35	11.8	7	7	153	3.87
H806000		1.87	0.169	5.2	0.63	155	<10	960	0.7	4	0.18	9.5	6	5	257	3.48
H806001		2.54	0.152	4.4	0.61	155	<10	990	0.7	5	0.21	11.1	7	3	258	3.59
H806002		5.67	0.249	2.9	0.74	148	<10	1140	0.9	6	0.15	20.8	9	4	333	4.26
H806003		4.01	0.959	11.5	0.52	217	<10	480	<0.5	19	0.10	4.3	1	3	150	3.44
H806004		5.50	0.308	1.2	1.06	108	<10	560	0.5	5	0.26	6.5	8	6	187	3.69
H806005		2.86	0.182	0.9	1.02	45	<10	410	0.6	3	0.23	7.9	13	4	507	3.31
H806006		7.08	0.177	3.7	0.58	88	<10	240	<0.5	4	0.07	2.8	3	3	313	3.97
H806007		2.96	0.326	2.9	0.69	97	<10	740	<0.5	4	0.11	5.8	24	3	651	5.51
H806008		6.41	0.453	1.9	0.93	76	<10	420	<0.5	4	0.15	2.3	4	4	303	4.64
H806009		3.36	0.025	0.4	1.75	16	<10	730	1.0	<2	0.32	7.3	10	6	155	3.35
H806010		8.02	0.107	0.8	1.32	33	<10	760	0.8	3	0.29	6.9	8	6	156	3.38
H806011		7.02	0.101	1.6	1.15	82	<10	710	0.8	2	0.18	5.8	9	5	379	3.73

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CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H805972		<10	<1	0.62	20	0.04	282	2	0.04	2	710	71	0.92	7	4	108
H805973		<10	<1	0.49	20	0.05	233	2	0.03	1	740	51	0.60	5	4	52
H805974		<10	<1	0.69	20	0.03	153	3	0.03	<1	670	169	1.04	3	3	90
H805975		<10	<1	0.53	20	0.02	161	2	0.03	<1	450	184	0.69	3	2	70
H805976		<10	<1	0.42	20	0.05	141	3	0.05	1	710	122	0.46	5	4	46
H805977		<10	<1	0.46	20	0.08	121	2	0.05	<1	510	81	0.56	2	7	55
H805978		<10	<1	0.39	20	0.05	132	3	0.03	1	660	68	0.42	6	6	79
H805979		<10	<1	0.03	<10	11.95	172	<1	0.04	1	260	4	<0.01	<2	<1	53
H805980		<10	<1	0.46	20	0.04	42	2	0.03	<1	200	85	0.61	<2	1	58
H805981		<10	<1	0.46	20	0.05	86	3	0.03	<1	460	59	0.62	5	2	77
H805982		<10	<1	0.46	20	0.03	136	2	0.03	<1	760	136	0.62	7	6	77
H805983		<10	<1	0.48	30	0.03	50	2	0.03	<1	620	402	0.65	8	4	77
H805984		<10	<1	0.42	20	0.03	167	2	0.03	1	610	71	0.43	7	9	20
H805985		<10	<1	0.36	20	0.03	107	2	0.03	<1	370	149	0.29	8	3	34
H805986		<10	1	0.07	<10	0.17	1525	<1	0.03	12	140	>10000	>10.0	597	1	19
H805987		<10	<1	0.32	20	0.12	428	2	0.04	2	560	108	0.19	6	6	43
H805988		10	<1	0.28	30	0.25	387	2	0.04	2	630	55	0.07	10	8	31
H805989		<10	<1	0.30	30	0.11	481	3	0.05	1	710	358	0.25	10	4	41
H805990		<10	<1	0.26	30	0.33	284	3	0.04	1	620	49	0.08	3	5	37
H805991		<10	<1	0.30	30	0.15	1615	18	0.03	2	540	56	0.06	5	6	19
H805992		<10	<1	0.33	30	0.17	1105	8	0.05	2	580	67	0.15	5	6	39
H805993		<10	<1	0.34	20	0.11	290	3	0.04	1	560	235	0.18	9	5	35
H805994		<10	<1	0.41	20	0.07	104	10	0.03	<1	490	301	0.28	8	3	34
H805995		<10	<1	0.35	20	0.17	182	3	0.04	1	660	100	0.18	7	5	34
H805996		<10	<1	0.23	20	0.56	537	6	0.08	2	610	109	0.07	2	5	26
H805997		<10	<1	0.35	30	0.15	239	6	0.04	1	500	219	0.21	8	4	56
H805998		<10	<1	0.29	20	0.35	692	4	0.05	3	640	216	0.08	4	5	23
H805999		<10	<1	0.26	30	0.18	1360	5	0.05	3	620	465	0.06	11	6	25
H806000		<10	<1	0.34	30	0.04	921	8	0.03	3	700	867	0.12	11	3	30
H806001		<10	<1	0.33	30	0.04	1080	8	0.03	2	750	921	0.14	10	3	33
H806002		<10	<1	0.27	20	0.04	1560	4	0.03	2	690	345	0.15	20	5	29
H806003		<10	<1	0.31	20	0.03	107	10	0.03	<1	510	1730	0.18	29	2	44
H806004		<10	<1	0.27	20	0.32	471	2	0.06	2	620	72	0.15	4	4	30
H806005		<10	<1	0.29	40	0.09	650	1	0.04	2	650	47	0.06	4	5	24
H806006		<10	<1	0.56	20	0.04	82	8	0.04	<1	530	406	0.73	6	2	48
H806007		<10	<1	0.42	20	0.04	461	17	0.04	2	730	128	0.29	7	3	36
H806008		<10	<1	0.51	30	0.15	150	5	0.03	6	690	76	0.60	4	4	74
H806009		<10	<1	0.22	30	0.53	773	3	0.02	4	660	34	0.02	<2	6	23
H806010		<10	<1	0.28	30	0.38	640	7	0.03	3	660	46	0.05	<2	6	29
H806011		<10	<1	0.33	30	0.15	288	16	0.03	2	680	71	0.12	5	7	38

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

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

Project: Klaza

Finalized Date: 12-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
H805972		20	<0.01	<10	<10	19	<10	410			
H805973		20	0.01	<10	<10	24	<10	287			
H805974		20	<0.01	<10	<10	21	<10	478			
H805975		<20	<0.01	<10	<10	13	<10	231			
H805976		20	<0.01	<10	<10	32	<10	332			
H805977		<20	0.01	<10	<10	23	<10	277			
H805978		20	0.01	<10	<10	27	<10	408			
H805979		<20	<0.01	<10	<10	2	<10	15			
H805980		<20	<0.01	<10	<10	5	<10	38			
H805981		<20	<0.01	<10	<10	12	<10	135			
H805982		20	<0.01	<10	<10	27	<10	438			
H805983		<20	<0.01	<10	<10	14	<10	263			
H805984		20	<0.01	<10	<10	21	<10	209			
H805985		<20	<0.01	<10	<10	13	<10	128			
H805986		<20	<0.01	<10	<10	7	150	>10000	426	3.50	3.01
H805987		<20	0.01	<10	<10	29	<10	323			
H805988		20	0.04	<10	<10	45	<10	249			
H805989		<20	0.01	<10	<10	26	<10	531			
H805990		20	0.01	<10	<10	34	<10	225			
H805991		20	0.01	<10	<10	30	<10	325			
H805992		<20	0.01	<10	<10	31	<10	311			
H805993		<20	<0.01	<10	<10	25	<10	393			
H805994		20	<0.01	<10	<10	16	<10	307			
H805995		<20	0.01	<10	<10	29	<10	531			
H805996		<20	0.02	<10	<10	44	<10	322			
H805997		<20	<0.01	<10	<10	24	<10	501			
H805998		<20	0.01	<10	<10	36	<10	470			
H805999		<20	<0.01	<10	<10	34	<10	721			
H806000		<20	<0.01	<10	<10	12	<10	767			
H806001		<20	<0.01	<10	<10	11	<10	826			
H806002		<20	<0.01	<10	<10	22	<10	1435			
H806003		<20	<0.01	<10	<10	11	<10	467			
H806004		<20	<0.01	<10	<10	31	<10	498			
H806005		20	<0.01	<10	<10	28	<10	522			
H806006		<20	<0.01	<10	<10	12	<10	254			
H806007		<20	<0.01	<10	<10	15	<10	554			
H806008		20	<0.01	<10	<10	21	<10	350			
H806009		20	0.01	<10	<10	35	<10	234			
H806010		<20	0.01	<10	<10	38	<10	339			
H806011		20	0.01	<10	<10	32	<10	454			

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Project: Klaza

Finalized Date: 12-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H806012		7.21	0.105	1.9	0.92	65	<10	1050	0.9	2	0.19	5.7	14	4	424	3.51
H806013		2.08	0.060	9.2	0.72	151	<10	730	0.5	4	0.11	3.2	3	4	565	4.77
H806014		3.70	2.48	46.8	0.67	371	<10	580	0.6	60	0.13	6.5	3	3	526	3.85
H806015		3.46	0.055	1.4	1.17	76	<10	640	0.8	2	0.34	3.7	9	6	52	3.26
H806016		2.65	0.057	1.1	1.37	19	<10	800	0.7	<2	0.54	1.3	8	6	33	3.19
H806017		2.74	0.038	0.5	1.81	14	<10	480	0.8	2	0.45	0.5	8	7	25	3.05
H806018		2.81	0.020	0.4	1.20	10	<10	740	0.6	<2	0.68	0.8	8	6	19	2.46
H806019		1.61	0.006	0.2	0.88	7	<10	1770	0.7	<2	2.27	2.0	7	6	7	2.56
H806020		3.36	0.007	0.2	0.69	8	<10	1130	0.7	<2	2.01	1.3	6	6	10	2.07
H806021		4.21	0.017	0.5	1.19	19	<10	1560	0.9	<2	1.17	1.4	7	7	22	2.43
H806022		3.11	<0.005	0.2	0.73	9	<10	530	0.9	<2	3.05	<0.5	4	3	9	1.78
H806023		3.44	<0.005	0.2	0.99	13	<10	660	1.0	<2	3.43	<0.5	4	6	26	1.81
H806024		4.06	0.006	0.2	1.08	13	<10	730	0.8	<2	3.57	<0.5	5	5	11	2.15
H806025		4.71	0.026	0.6	0.97	50	<10	1190	0.8	<2	1.44	0.9	9	4	48	3.20
H806026		3.00	<0.005	<0.2	0.53	14	<10	450	0.7	<2	0.74	<0.5	2	1	2	1.04
H806027		1.86	0.006	0.2	0.57	7	<10	280	0.7	<2	0.15	<0.5	2	2	3	1.13
H806028		1.59	<0.005	<0.2	0.65	28	<10	160	0.8	<2	0.20	<0.5	2	1	4	0.83
H806029		1.48	<0.005	<0.2	0.65	10	<10	300	0.8	<2	0.51	<0.5	2	3	2	1.22
H806030		4.29	<0.005	<0.2	0.58	20	<10	640	0.8	<2	0.34	<0.5	2	2	3	1.32
H806031		1.93	0.012	0.2	0.64	12	<10	1910	0.7	<2	0.45	1.5	3	3	6	1.51
H806032		2.12	0.158	2.6	0.72	53	<10	360	1.0	3	1.64	6.0	7	4	129	2.73
H806033		2.54	0.005	0.2	0.87	6	<10	870	1.1	<2	3.34	1.2	6	5	13	2.45
H806034		2.02	0.005	0.3	0.64	12	<10	700	1.1	<2	1.61	0.8	4	3	11	1.80
H806035		2.77	0.006	0.2	0.60	9	<10	910	0.8	<2	2.52	0.6	4	4	4	2.21
H806036		4.50	0.016	0.9	0.62	33	<10	310	0.9	<2	1.88	3.5	10	3	32	3.10
H806037		5.57	0.049	0.9	0.75	26	<10	440	1.0	<2	1.19	5.9	7	4	44	2.26
H806038		2.38	0.059	1.6	0.71	55	<10	620	1.0	<2	1.08	3.1	8	4	45	2.92
H806039		2.80	0.057	1.3	0.82	20	<10	1000	1.1	<2	0.60	1.5	6	5	34	2.48
H806040		3.31	0.015	0.4	0.77	24	<10	1330	1.0	<2	1.53	1.0	6	4	16	2.38
H806041		3.28	0.005	<0.2	0.65	4	<10	2410	0.8	<2	2.85	1.1	5	3	2	2.09
H806042		3.59	<0.005	<0.2	0.57	5	<10	830	0.8	<2	3.22	1.2	4	3	1	1.95
H806043		2.08	<0.005	<0.2	0.56	5	<10	1160	0.7	<2	3.85	0.9	4	4	1	2.20
H806044		2.99	0.005	0.3	0.58	44	<10	900	0.8	<2	2.16	1.1	6	3	8	2.29
H806045		4.98	0.006	<0.2	0.65	22	<10	1180	0.9	<2	2.35	1.0	5	3	6	2.21
H806046		8.44	0.070	1.2	0.57	46	<10	690	0.8	<2	3.25	4.5	5	3	57	2.31
H806047		6.75	0.059	1.2	0.87	43	<10	660	0.9	<2	2.73	8.7	6	5	42	2.39
H806048		7.00	0.054	0.7	0.99	54	<10	710	1.0	<2	0.90	3.1	6	6	36	2.36
H806049		1.06	0.132	1.6	0.70	65	<10	420	0.8	2	0.28	9.9	8	4	115	2.92
H806050		1.43	0.287	7.8	0.57	218	<10	410	<0.5	6	0.13	3.0	1	2	110	3.97
H806051		1.10	0.037	1.8	0.49	83	<10	330	0.8	<2	0.14	9.8	5	4	211	2.88

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CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H806012		<10	<1	0.27	20	0.07	383	4	0.01	2	610	90	0.08	6	5	26
H806013		<10	<1	0.33	20	0.03	148	4	0.01	1	720	539	0.26	15	5	47
H806014		<10	1	0.37	20	0.03	127	5	0.01	1	700	2480	0.38	33	5	109
H806015		<10	<1	0.27	30	0.16	550	2	0.02	1	640	66	0.05	7	7	19
H806016		10	<1	0.21	20	0.53	769	1	0.01	1	690	54	0.05	<2	7	21
H806017		10	<1	0.19	20	0.59	463	<1	0.02	2	650	31	0.03	<2	8	23
H806018		10	<1	0.21	30	0.28	517	1	0.01	2	840	25	0.03	<2	7	21
H806019		<10	<1	0.26	30	0.10	705	1	0.01	4	1400	16	0.04	<2	5	55
H806020		<10	<1	0.25	30	0.08	642	<1	0.01	3	1070	21	0.02	<2	4	73
H806021		<10	<1	0.36	30	0.15	977	<1	0.02	4	1010	38	0.03	<2	5	73
H806022		<10	<1	0.32	20	0.09	672	<1	0.01	2	780	17	<0.01	<2	4	82
H806023		<10	<1	0.38	20	0.09	705	1	0.01	6	750	19	<0.01	2	4	93
H806024		<10	<1	0.25	30	0.19	659	<1	0.01	3	910	27	0.02	<2	5	112
H806025		<10	<1	0.32	20	0.11	528	2	0.01	2	670	59	0.19	2	5	53
H806026		<10	<1	0.24	10	0.04	519	<1	0.01	<1	220	41	<0.01	<2	2	38
H806027		<10	<1	0.26	<10	0.03	322	<1	0.01	1	180	43	<0.01	<2	2	24
H806028		<10	<1	0.22	<10	0.04	265	1	0.01	1	210	28	<0.01	<2	2	44
H806029		<10	<1	0.29	<10	0.03	553	<1	0.01	<1	240	29	<0.01	<2	2	50
H806030		<10	<1	0.27	<10	0.04	594	<1	0.01	<1	220	36	0.01	<2	2	64
H806031		<10	<1	0.26	<10	0.04	807	<1	0.01	1	210	52	0.06	<2	3	47
H806032		<10	1	0.31	10	0.09	629	1	0.01	3	720	187	0.63	5	6	35
H806033		<10	<1	0.38	10	0.15	754	<1	<0.01	3	850	33	0.01	<2	8	61
H806034		<10	<1	0.28	20	0.10	554	<1	0.01	1	860	43	0.01	<2	5	48
H806035		<10	<1	0.27	10	0.10	632	<1	0.01	1	780	42	0.01	<2	4	48
H806036		<10	1	0.28	20	0.09	597	1	<0.01	2	610	68	0.55	2	6	33
H806037		<10	<1	0.28	20	0.07	503	<1	<0.01	2	820	77	0.22	2	5	31
H806038		<10	<1	0.28	20	0.07	655	1	<0.01	3	720	107	0.21	4	7	30
H806039		<10	<1	0.32	10	0.06	741	<1	<0.01	3	730	249	0.11	<2	6	30
H806040		<10	<1	0.30	20	0.08	698	<1	<0.01	2	800	46	0.04	<2	7	43
H806041		<10	<1	0.30	10	0.12	520	<1	0.01	1	780	21	0.05	<2	6	62
H806042		<10	<1	0.27	10	0.24	523	<1	<0.01	1	780	27	<0.01	<2	5	115
H806043		<10	<1	0.28	10	0.36	560	<1	0.01	1	730	19	0.02	<2	6	111
H806044		<10	<1	0.27	10	0.25	588	<1	0.01	3	800	44	0.12	<2	6	74
H806045		<10	<1	0.30	10	0.29	665	<1	0.01	2	750	71	0.06	<2	6	112
H806046		<10	<1	0.27	10	0.36	647	<1	0.01	2	740	110	0.39	<2	6	125
H806047		<10	<1	0.31	20	0.29	905	2	0.01	5	810	148	0.32	<2	4	144
H806048		<10	<1	0.28	20	0.16	702	<1	0.01	6	790	59	0.17	<2	5	52
H806049		<10	<1	0.27	20	0.05	1220	1	0.01	2	560	84	0.46	6	4	22
H806050		<10	<1	0.49	20	0.06	121	3	0.01	<1	380	979	0.59	9	3	125
H806051		<10	<1	0.25	20	0.03	821	4	<0.01	1	200	334	0.20	<2	2	17

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

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

Project: Klaza

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
H806012		20	<0.01	<10	<10	25	<10	631			
H806013		20	<0.01	<10	<10	25	<10	713			
H806014		20	<0.01	<10	10	12	<10	623			
H806015		<20	0.01	<10	<10	39	<10	458			
H806016		<20	0.02	<10	<10	44	<10	115			
H806017		<20	0.02	<10	<10	46	<10	63			
H806018		<20	0.01	<10	<10	36	<10	79			
H806019		<20	<0.01	<10	<10	27	<10	158			
H806020		<20	<0.01	<10	<10	20	<10	111			
H806021		<20	0.01	<10	<10	27	<10	132			
H806022		<20	<0.01	<10	<10	15	<10	63			
H806023		<20	<0.01	<10	<10	14	<10	68			
H806024		<20	<0.01	<10	<10	22	<10	61			
H806025		<20	<0.01	<10	<10	15	<10	104			
H806026		<20	<0.01	<10	<10	3	<10	51			
H806027		<20	<0.01	<10	<10	3	<10	45			
H806028		<20	<0.01	<10	<10	3	<10	31			
H806029		<20	<0.01	<10	<10	5	<10	56			
H806030		<20	<0.01	<10	<10	5	<10	52			
H806031		<20	<0.01	<10	<10	6	<10	135			
H806032		<20	<0.01	<10	<10	20	<10	506			
H806033		<20	<0.01	<10	<10	34	<10	125			
H806034		<20	<0.01	<10	<10	22	<10	103			
H806035		<20	<0.01	<10	<10	19	<10	131			
H806036		<20	<0.01	<10	<10	21	<10	279			
H806037		<20	<0.01	<10	<10	20	<10	483			
H806038		<20	<0.01	<10	<10	26	<10	326			
H806039		<20	<0.01	<10	<10	26	<10	242			
H806040		<20	<0.01	<10	<10	25	<10	141			
H806041		<20	<0.01	<10	<10	23	<10	97			
H806042		<20	<0.01	<10	<10	28	<10	106			
H806043		<20	<0.01	<10	<10	28	<10	85			
H806044		<20	<0.01	<10	<10	28	<10	121			
H806045		<20	<0.01	<10	<10	23	<10	135			
H806046		<20	<0.01	<10	<10	21	<10	287			
H806047		<20	<0.01	<10	<10	17	<10	514			
H806048		<20	<0.01	<10	<10	20	<10	291			
H806049		20	<0.01	<10	<10	20	<10	865			
H806050		<20	<0.01	<10	<10	10	<10	500			
H806051		30	<0.01	<10	<10	4	<10	956			

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

Project: Klaza

Finalized Date: 12-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H806052		4.45	0.055	1.3	0.70	51	<10	700	0.8	<2	0.29	6.6	7	4	112	3.45
H806053		1.63	0.147	2.1	0.62	102	<10	160	0.7	4	1.45	6.7	7	4	111	3.06
H806054		2.05	0.133	1.4	0.47	83	<10	580	0.6	<2	0.13	5.4	3	2	105	2.91
H806055		4.20	0.196	2.2	0.69	166	<10	40	0.7	15	0.93	4.5	5	8	386	4.15
H806056		2.83	0.152	2.0	0.58	100	<10	50	0.6	6	0.76	3.4	7	5	230	3.84
H806057		3.40	0.083	1.2	0.60	63	<10	40	0.6	5	0.60	2.9	14	5	184	3.92
H806058		2.83	0.128	0.8	0.74	44	<10	50	0.8	9	0.76	2.2	12	8	229	3.82
H806059		1.78	0.158	1.0	1.17	21	<10	180	0.8	10	0.77	2.6	9	19	232	3.14
H806060		2.15	0.090	0.5	0.80	42	<10	80	0.8	15	0.87	1.7	6	6	129	2.72
H806061		2.40	0.081	0.4	0.82	24	<10	80	0.8	6	0.75	2.2	11	8	132	3.34
H806062		2.23	0.101	0.9	0.73	29	<10	460	0.8	8	0.29	2.0	7	4	118	3.14
H806063		3.82	0.102	0.7	1.04	14	<10	630	0.7	5	0.38	1.4	12	5	102	2.96
H806064		3.09	0.202	2.3	0.63	99	<10	440	0.6	8	0.32	3.2	8	3	142	3.05
H806065		7.01	0.102	0.5	0.83	21	<10	560	0.8	4	0.31	1.5	8	5	92	2.94
H806066		2.72	0.064	0.2	0.72	12	<10	500	0.7	4	0.46	1.0	8	5	67	2.86
H806067		6.33	0.081	0.5	0.81	21	<10	550	0.6	2	1.03	0.7	6	7	49	2.92
H806068		2.26	0.439	0.8	0.57	26	<10	190	0.6	3	1.05	0.9	14	4	60	3.13
H806069		2.44	0.220	1.3	0.55	67	<10	580	<0.5	3	0.10	1.2	6	3	74	2.50
H806070		3.06	0.079	0.5	1.44	16	<10	530	0.7	<2	0.46	1.5	9	6	107	3.13
H806071		5.88	0.070	0.6	1.12	30	<10	560	0.6	<2	0.31	1.7	9	7	60	2.80
H806072		5.20	0.180	0.9	1.33	23	<10	400	0.5	<2	0.33	1.6	7	7	46	2.85
H806073		5.32	0.238	2.7	1.34	50	<10	610	0.6	<2	0.31	8.5	9	6	153	3.23
H806074		1.69	9.28	70.3	0.47	627	<10	210	<0.5	37	0.12	16.4	1	7	382	3.92
H806075		5.18	0.119	3.5	1.06	129	<10	1400	0.5	<2	0.33	7.0	8	7	131	2.96
H806076		1.00	0.036	0.4	0.99	16	<10	810	0.7	<2	0.30	<0.5	14	4	38	2.84
H806077		3.16	0.070	0.3	1.18	36	<10	860	0.5	2	0.27	<0.5	14	7	105	3.64
H806078		3.22	0.030	0.3	1.34	13	<10	520	0.5	<2	0.37	<0.5	8	7	48	2.90
H806079		3.76	0.020	<0.2	1.19	9	<10	400	0.5	<2	0.37	<0.5	7	6	38	2.68
H806080		3.63	0.095	0.4	0.90	22	<10	410	0.5	<2	0.29	<0.5	11	5	103	2.94
H806081		3.23	0.032	0.3	0.88	22	<10	1020	0.6	<2	0.85	0.6	6	5	77	2.91
H806082		3.01	0.030	0.2	0.96	21	<10	740	0.7	<2	0.88	<0.5	6	5	23	2.92
H806083		2.71	0.008	0.2	0.81	8	<10	330	0.6	<2	0.44	<0.5	6	6	22	2.72
H806084		3.34	0.024	0.4	0.68	21	<10	510	0.7	<2	0.97	<0.5	7	4	54	2.71
H806085		1.84	0.200	3.2	0.46	415	<10	370	<0.5	8	0.15	1.8	9	4	155	5.38
H806086		3.66	0.052	0.4	0.66	37	<10	430	0.7	3	1.01	0.7	8	3	108	2.74
H806087		3.63	0.050	0.3	0.95	83	<10	1000	0.9	3	1.80	<0.5	15	15	89	3.56
H806088		3.80	0.066	1.0	0.49	74	<10	160	<0.5	3	0.79	<0.5	5	6	289	4.02
H806089		4.77	0.041	0.5	0.51	32	<10	150	<0.5	<2	1.21	<0.5	7	6	47	2.52
H806090		2.99	0.102	0.2	0.56	95	<10	140	0.5	2	0.77	<0.5	5	4	131	3.61
H806091		2.77	0.016	<0.2	1.83	10	<10	350	0.5	<2	0.41	<0.5	5	10	27	3.48

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Project: Klaza

Finalized Date: 12-JUL-2010
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CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H806052		<10	<1	0.26	20	0.09	1185	3	0.01	2	610	276	0.21	3	6	31
H806053		<10	<1	0.25	20	0.10	1160	1	0.01	1	610	90	0.97	9	5	33
H806054		<10	<1	0.29	20	0.04	154	1	0.01	1	580	137	0.38	<2	4	31
H806055		<10	1	0.38	10	0.30	847	1	<0.01	6	840	155	2.98	26	3	60
H806056		<10	<1	0.36	10	0.24	1340	1	<0.01	5	770	64	2.60	10	3	40
H806057		<10	<1	0.35	10	0.16	747	1	<0.01	5	750	94	2.90	<2	2	38
H806058		<10	<1	0.30	20	0.21	532	1	0.03	6	830	37	2.33	<2	4	52
H806059		<10	<1	0.29	20	0.50	479	1	0.05	6	930	45	0.86	<2	5	57
H806060		<10	<1	0.34	20	0.14	464	2	0.03	5	750	34	1.21	4	4	45
H806061		<10	<1	0.28	20	0.20	531	1	0.02	5	810	27	1.15	3	4	50
H806062		<10	<1	0.27	20	0.06	575	1	0.02	2	640	36	0.43	8	5	21
H806063		<10	<1	0.26	30	0.23	382	1	0.03	2	690	25	0.33	3	6	28
H806064		<10	<1	0.32	20	0.06	639	1	0.02	1	600	111	0.74	6	4	25
H806065		<10	<1	0.24	20	0.10	422	1	0.02	1	630	25	0.37	<2	6	23
H806066		<10	<1	0.20	20	0.04	474	3	<0.01	1	660	14	0.49	5	6	18
H806067		<10	<1	0.26	20	0.18	394	1	0.03	1	600	27	0.49	<2	6	39
H806068		<10	<1	0.24	20	0.08	352	3	0.03	1	620	40	1.19	<2	5	31
H806069		<10	<1	0.30	20	0.04	119	12	0.01	1	350	62	0.21	6	2	53
H806070		<10	1	0.20	20	0.64	467	<1	0.03	2	690	25	0.28	3	6	33
H806071		<10	<1	0.22	20	0.31	429	<1	0.03	2	620	46	0.20	3	5	28
H806072		<10	<1	0.15	20	0.68	318	1	0.03	1	560	72	0.21	<2	4	31
H806073		<10	<1	0.26	20	0.42	500	<1	0.04	2	580	533	0.15	3	5	36
H806074		<10	2	0.50	20	0.03	102	1	0.01	1	350	893	0.73	109	4	64
H806075		<10	<1	0.25	20	0.34	400	<1	0.05	2	630	65	0.16	2	6	56
H806076		<10	<1	0.24	30	0.16	517	<1	0.01	2	680	17	0.03	<2	8	16
H806077		<10	<1	0.26	30	0.28	345	1	0.04	2	590	12	0.10	<2	6	32
H806078		<10	<1	0.23	20	0.50	361	<1	0.05	1	630	14	0.06	<2	6	53
H806079		<10	<1	0.21	30	0.34	278	<1	0.04	2	620	12	0.04	<2	6	29
H806080		<10	<1	0.17	30	0.25	286	2	0.03	7	610	13	0.12	4	6	18
H806081		<10	<1	0.22	20	0.16	862	<1	0.06	2	640	121	0.14	5	7	30
H806082		<10	<1	0.23	20	0.21	528	<1	0.04	2	620	14	0.11	2	6	26
H806083		<10	<1	0.16	20	0.18	453	<1	0.05	2	620	9	0.02	<2	7	25
H806084		<10	<1	0.22	30	0.20	507	<1	0.02	2	640	12	0.26	<2	6	29
H806085		<10	<1	0.37	20	0.04	1205	3	0.01	3	600	128	0.35	3	2	78
H806086		<10	<1	0.22	20	0.16	599	2	0.02	3	620	16	0.42	3	6	29
H806087		<10	1	0.25	30	0.19	768	2	0.03	11	1040	17	0.20	4	6	44
H806088		<10	<1	0.28	20	0.20	294	7	0.02	2	560	15	1.04	<2	4	36
H806089		<10	<1	0.25	20	0.22	358	6	0.02	3	620	8	0.99	<2	3	29
H806090		<10	<1	0.29	20	0.09	391	33	0.02	2	640	9	1.18	<2	4	21
H806091		10	<1	0.20	20	0.77	448	7	0.05	2	630	7	0.03	<2	6	26

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CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
H806052		<20	<0.01	<10	<10	26	<10	548			
H806053		<20	<0.01	<10	<10	22	<10	237			
H806054		<20	<0.01	<10	<10	15	<10	539			
H806055		<20	<0.01	<10	<10	15	<10	139			
H806056		<20	<0.01	<10	<10	13	<10	149			
H806057		<20	<0.01	<10	<10	10	<10	187			
H806058		<20	<0.01	<10	<10	15	<10	120			
H806059		<20	<0.01	<10	<10	27	<10	123			
H806060		<20	<0.01	<10	<10	14	<10	73			
H806061		<20	<0.01	<10	<10	17	<10	94			
H806062		<20	<0.01	<10	<10	25	<10	145			
H806063		20	<0.01	<10	<10	29	<10	112			
H806064		<20	<0.01	<10	<10	18	<10	198			
H806065		<20	<0.01	<10	<10	28	<10	91			
H806066		<20	<0.01	<10	<10	30	<10	96			
H806067		20	<0.01	<10	<10	28	<10	81			
H806068		<20	<0.01	<10	<10	18	<10	84			
H806069		<20	<0.01	<10	<10	9	<10	101			
H806070		<20	<0.01	<10	<10	40	<10	127			
H806071		<20	<0.01	<10	<10	30	<10	170			
H806072		<20	0.01	<10	<10	38	<10	230			
H806073		20	0.01	<10	<10	34	<10	848			
H806074		<20	<0.01	<10	<10	14	<10	419			
H806075		<20	0.02	<10	<10	34	<10	300			
H806076		20	0.01	<10	<10	35	<10	46			
H806077		<20	0.02	<10	<10	45	<10	32			
H806078		<20	0.04	<10	<10	45	<10	31			
H806079		<20	0.04	<10	<10	44	<10	33			
H806080		<20	0.01	<10	<10	38	<10	37			
H806081		<20	0.02	<10	<10	45	<10	66			
H806082		<20	0.02	<10	<10	41	<10	41			
H806083		<20	0.01	<10	<10	43	<10	37			
H806084		20	0.01	<10	<10	31	<10	41			
H806085		<20	<0.01	<10	<10	11	<10	208			
H806086		<20	<0.01	<10	<10	27	<10	61			
H806087		<20	0.01	<10	<10	32	<10	66			
H806088		<20	<0.01	<10	<10	25	<10	50			
H806089		<20	<0.01	<10	<10	20	<10	37			
H806090		<20	<0.01	<10	<10	21	<10	39			
H806091		<20	0.04	<10	<10	54	<10	42			

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Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H806092		1.94	0.029	0.2	1.34	11	<10	510	<0.5	<2	0.52	<0.5	6	10	27	2.84
H806093		2.28	0.152	0.3	1.26	85	<10	320	<0.5	14	0.32	1.6	9	9	89	3.30
H806094		2.28	0.096	1.2	0.62	81	<10	210	0.5	<2	1.67	11.9	6	6	63	3.09
H806095		1.66	0.039	0.3	0.91	24	<10	590	0.5	<2	0.68	1.1	7	8	90	3.11
H806096		2.38	0.081	0.2	0.68	29	<10	130	<0.5	<2	1.23	0.6	17	7	100	2.44
H806097		3.43	0.212	2.4	0.59	91	<10	80	0.5	3	1.76	7.0	18	6	169	3.15
H806098		3.16	0.167	1.4	0.76	100	<10	610	1.0	<2	0.54	9.4	45	3	99	4.16
H806099		2.37	0.042	<0.2	0.94	27	<10	1480	0.7	<2	0.55	3.6	50	7	37	4.26
H806100		5.13	0.159	3.7	0.47	126	<10	110	<0.5	8	0.10	0.8	19	3	30	5.87
H806101		2.75	0.064	0.6	1.25	33	<10	330	0.6	3	0.91	6.9	9	6	34	3.18
H806102		2.83	0.017	0.2	0.81	13	<10	640	0.5	<2	1.29	1.4	8	7	34	2.94
H806103		2.64	0.102	0.2	1.13	28	<10	510	0.5	<2	0.28	3.0	16	6	59	2.75
H806104		4.36	0.082	1.1	1.23	178	<10	710	1.0	3	0.22	14.5	30	4	85	4.15
H806105		3.81	0.087	0.6	1.04	112	<10	720	0.8	3	0.75	11.3	19	6	56	3.61
H806106		4.14	0.253	2.7	0.64	194	<10	570	0.7	2	0.90	9.7	8	5	44	3.41
H806107		3.66	0.087	2.5	0.88	66	<10	670	0.5	3	0.60	11.6	9	8	71	3.34
H806108		1.09	<0.005	<0.2	0.05	2	<10	30	<0.5	<2	19.3	<0.5	1	1	3	0.43
H806109		5.06	1.385	28.3	1.09	364	<10	960	0.8	3	1.15	27.4	10	32	192	6.05
H806110		4.07	0.083	1.2	1.17	95	<10	590	1.0	2	1.74	13.1	20	71	130	4.52
H806111		1.61	0.034	0.4	0.57	37	<10	940	0.6	<2	4.86	1.8	9	31	30	3.05
H806112		4.82	0.033	0.4	0.57	40	<10	450	0.7	2	2.60	0.6	11	18	40	2.45
H806113		1.08	0.015	0.3	0.57	19	<10	800	0.6	<2	3.38	0.9	9	21	24	2.68
H806114		2.55	0.035	0.6	0.50	23	<10	90	0.5	2	4.26	1.6	11	20	31	3.13
H806115		0.18	3.14	>100	0.19	>10000	<10	<10	<0.5	3	0.44	350	1	10	1795	14.5
H806116		1.32	0.164	1.6	0.68	191	<10	360	0.8	2	3.50	12.8	12	35	2150	4.95
H806117		4.55	2.04	9.8	0.65	482	<10	430	<0.5	66	0.19	3.9	3	11	1035	7.88
H806118		3.00	0.185	1.9	1.05	206	<10	380	1.2	28	0.30	14.0	8	9	5440	4.90
H806119		2.92	0.023	0.2	0.99	18	<10	1080	0.5	<2	3.03	1.2	9	55	46	2.83
H806120		5.47	0.072	0.4	0.55	57	<10	170	0.5	3	1.61	15.0	8	9	601	3.02
H806121		4.51	0.035	0.8	0.54	30	<10	160	0.5	3	0.65	8.2	7	3	66	2.86
H806122		2.14	0.123	1.5	0.21	270	<10	200	<0.5	4	0.13	6.4	4	2	123	4.46
H806123		1.97	0.077	1.3	0.23	52	<10	130	<0.5	5	1.37	31.9	8	3	214	2.56
H806124		5.08	0.072	0.5	0.24	40	<10	140	<0.5	4	2.21	21.4	8	4	146	2.47
H806125		2.57	0.153	3.3	0.44	117	<10	670	0.9	21	0.20	34.1	15	8	876	4.76
H806126		5.37	1.205	14.1	0.35	914	<10	290	<0.5	8	0.14	29.0	4	2	273	5.14
H806127		2.70	0.131	2.5	0.29	117	<10	250	0.7	3	0.94	90.0	7	3	82	3.39
H806128		4.66	0.177	1.9	0.44	118	<10	320	0.7	5	0.55	17.4	7	3	41	3.10
H806129		1.90	0.111	0.5	0.87	78	<10	370	<0.5	<2	0.86	6.6	6	7	16	2.74
H806130		4.03	3.85	20.0	0.31	1255	<10	450	0.5	2	0.54	17.7	10	3	129	3.53
H806131		4.83	0.157	1.1	0.68	78	<10	720	0.7	<2	0.64	6.7	8	4	66	3.10

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

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

Project: Klaza

Finalized Date: 12-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H806092		10	<1	0.17	20	0.76	412	6	0.06	2	620	12	0.07	<2	5	38
H806093		<10	<1	0.20	20	0.56	271	2	0.06	3	550	15	0.12	<2	4	38
H806094		<10	<1	0.25	20	0.43	586	<1	0.02	2	610	95	0.51	15	4	62
H806095		<10	<1	0.25	20	0.35	450	1	0.07	2	660	13	0.13	5	6	39
H806096		<10	<1	0.24	20	0.35	324	<1	0.04	3	640	7	0.78	<2	4	54
H806097		<10	<1	0.28	20	0.30	517	<1	0.02	1	590	210	1.63	7	3	36
H806098		<10	<1	0.24	20	0.05	1330	1	0.02	4	630	128	0.32	3	8	74
H806099		<10	<1	0.20	20	0.06	1685	1	0.03	4	650	16	0.14	3	8	23
H806100		<10	<1	0.65	20	0.03	176	17	0.02	1	460	111	1.05	5	2	90
H806101		<10	<1	0.21	20	0.24	498	<1	0.02	3	670	66	0.22	5	7	20
H806102		<10	<1	0.21	30	0.22	473	1	0.04	2	680	8	0.29	<2	6	36
H806103		<10	<1	0.21	30	0.30	376	1	0.03	3	610	13	0.21	3	5	23
H806104		<10	<1	0.26	30	0.07	715	2	0.02	5	610	104	0.24	8	6	45
H806105		<10	<1	0.19	20	0.11	714	2	0.03	4	630	39	0.30	6	7	28
H806106		<10	<1	0.23	20	0.10	531	1	0.02	4	630	118	0.37	9	5	23
H806107		<10	<1	0.28	20	0.33	477	1	0.06	2	670	116	0.24	8	6	41
H806108		<10	<1	0.03	<10	11.70	193	<1	0.01	1	290	<2	<0.01	<2	<1	49
H806109		<10	1	0.36	30	0.19	1025	3	0.03	21	1570	1895	0.25	29	7	68
H806110		<10	<1	0.33	10	0.68	1140	2	0.03	60	680	180	0.36	5	10	60
H806111		<10	<1	0.25	10	1.23	671	1	0.03	31	590	20	0.20	<2	7	126
H806112		<10	<1	0.23	10	0.30	467	1	0.02	23	680	27	0.44	<2	6	48
H806113		<10	<1	0.26	10	0.56	586	1	0.03	20	720	19	0.35	<2	5	66
H806114		<10	<1	0.27	10	1.10	991	1	0.01	19	650	40	1.09	<2	5	85
H806115		<10	1	0.08	<10	0.18	1555	<1	<0.01	13	150	>10000	>10.0	566	1	19
H806116		<10	<1	0.26	10	0.66	1875	1	0.04	40	630	260	0.75	39	7	62
H806117		<10	2	0.34	20	0.05	82	2	0.04	5	800	76	0.48	52	3	76
H806118		<10	<1	0.31	20	0.04	288	2	0.03	6	1140	56	0.43	30	7	63
H806119		<10	<1	0.23	20	1.03	494	1	0.05	29	710	13	0.22	2	7	100
H806120		<10	<1	0.32	10	0.24	615	1	0.03	5	680	39	1.14	5	2	26
H806121		<10	<1	0.34	10	0.07	758	1	0.03	4	640	48	0.97	4	2	26
H806122		<10	<1	0.35	10	0.02	455	2	0.03	2	680	135	0.73	7	1	70
H806123		<10	<1	0.17	10	0.05	820	1	0.03	4	640	34	1.22	16	2	18
H806124		<10	<1	0.18	10	0.49	852	1	0.03	4	660	37	1.19	6	1	39
H806125		<10	<1	0.20	10	0.03	1395	3	0.03	6	1010	310	0.39	16	4	38
H806126		<10	1	0.33	10	0.02	456	12	0.02	<1	710	3570	0.60	33	3	73
H806127		<10	<1	0.17	20	0.07	1565	1	0.03	2	640	155	1.02	16	5	23
H806128		<10	<1	0.15	20	0.11	553	1	0.03	2	710	199	0.43	6	6	28
H806129		<10	<1	0.14	20	0.47	573	<1	0.05	2	640	172	0.20	7	6	36
H806130		<10	<1	0.17	20	0.07	699	2	0.03	2	590	1860	0.50	30	4	69
H806131		<10	<1	0.18	30	0.18	662	1	0.04	3	700	108	0.20	8	6	32

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

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

Project: Klaza

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
H806092		<20	0.09	<10	<10	51	<10	44			
H806093		<20	0.02	<10	<10	42	<10	99			
H806094		<20	0.01	<10	<10	29	<10	612			
H806095		<20	0.01	<10	<10	39	<10	84			
H806096		<20	0.01	<10	<10	28	<10	45			
H806097		<20	<0.01	<10	<10	20	<10	382			
H806098		<20	<0.01	<10	<10	29	<10	582			
H806099		<20	<0.01	<10	<10	39	<10	246			
H806100		<20	<0.01	<10	<10	15	<10	205			
H806101		<20	<0.01	<10	<10	41	<10	314			
H806102		20	0.01	<10	<10	41	<10	65			
H806103		<20	0.01	<10	<10	39	<10	209			
H806104		20	<0.01	<10	<10	24	<10	1080			
H806105		<20	<0.01	<10	<10	41	<10	625			
H806106		<20	<0.01	<10	<10	29	<10	472			
H806107		20	0.02	<10	<10	40	<10	613			
H806108		<20	<0.01	<10	<10	3	<10	27			
H806109		<20	0.01	<10	<10	41	<10	2100			
H806110		<20	<0.01	<10	<10	48	<10	878			
H806111		<20	<0.01	<10	<10	37	<10	235			
H806112		<20	<0.01	<10	<10	25	<10	143			
H806113		<20	<0.01	<10	<10	32	<10	166			
H806114		<20	<0.01	<10	<10	27	<10	186			
H806115		<20	<0.01	<10	<10	8	150	>10000	411	3.57	3.10
H806116		<20	<0.01	<10	<10	40	<10	798			
H806117		<20	<0.01	<10	<10	28	<10	505			
H806118		<20	<0.01	<10	10	28	<10	867			
H806119		<20	<0.01	<10	<10	42	<10	130			
H806120		<20	<0.01	<10	<10	14	<10	409			
H806121		<20	<0.01	<10	<10	9	<10	437			
H806122		<20	<0.01	<10	<10	7	<10	434			
H806123		<20	<0.01	<10	<10	10	<10	551			
H806124		<20	<0.01	<10	<10	10	<10	410			
H806125		<20	<0.01	<10	<10	19	<10	2050			
H806126		<20	<0.01	<10	<10	9	<10	1525			
H806127		<20	<0.01	<10	<10	20	<10	3060			
H806128		<20	<0.01	<10	<10	24	<10	904			
H806129		<20	0.01	<10	<10	37	<10	272			
H806130		<20	<0.01	<10	<10	18	<10	1020			
H806131		<20	<0.01	<10	<10	30	<10	433			

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ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 12-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H806132		3.36	0.008	<0.2	0.42	8	<10	1490	0.9	<2	3.62	1.4	6	4	9	2.26
H806133		3.73	<0.005	<0.2	0.37	6	<10	1210	0.7	<2	3.71	0.8	5	3	1	2.05
H806134		4.24	<0.005	<0.2	0.38	9	<10	980	0.8	<2	3.92	1.1	5	4	1	2.29
H806135		4.28	0.013	0.3	0.51	14	<10	820	0.8	<2	2.64	1.0	6	4	8	2.06
H806136		2.61	<0.005	<0.2	0.45	6	<10	640	0.8	<2	3.92	0.5	6	4	6	2.02
H806137		5.16	0.011	0.5	0.42	39	<10	1350	0.8	<2	3.54	1.1	6	3	57	2.37
H806138		3.28	0.051	0.4	0.72	24	<10	570	0.8	2	1.74	0.6	6	3	19	2.71
H806139		1.85	0.012	0.2	0.70	12	<10	470	1.3	3	0.60	<0.5	5	2	3	2.12
H806140		3.98	<0.005	<0.2	0.38	9	<10	160	1.0	<2	0.97	<0.5	2	3	1	1.19
H806141		4.53	<0.005	<0.2	0.31	3	<10	200	0.8	<2	1.26	<0.5	1	2	<1	1.09
H806142		5.26	0.014	0.4	0.37	19	<10	590	1.0	2	1.31	1.0	4	4	12	1.54
H806143		4.28	0.007	0.6	0.39	23	<10	1160	0.7	<2	2.47	1.3	4	5	19	1.66
H806144		3.51	<0.005	0.5	0.44	11	<10	1400	0.9	<2	3.41	1.0	4	3	12	2.00
H806145		3.72	<0.005	0.3	0.38	3	<10	770	0.8	<2	2.93	1.0	4	3	5	1.91
H806146		1.56	<0.005	<0.2	0.39	8	<10	560	0.9	<2	3.51	1.3	4	2	8	1.91
H806147		2.59	<0.005	<0.2	0.57	3	<10	2110	0.9	<2	2.72	1.2	4	3	5	1.71
H806148		2.12	<0.005	<0.2	0.73	6	<10	210	0.9	<2	3.09	2.9	5	11	3	1.96
H806149		4.32	0.152	1.2	0.72	273	<10	350	0.8	<2	1.92	3.9	7	4	32	3.16
H806150		1.58	0.137	1.3	0.64	245	<10	190	0.7	2	2.19	5.0	8	21	29	3.51
H806201		3.79	0.369	3.8	0.69	124	<10	410	<0.5	3	0.18	2.5	4	4	35	2.90
H806202		1.67	0.023	0.4	1.01	30	<10	680	0.8	2	1.61	7.0	7	20	39	3.19
H806203		3.21	0.170	6.1	0.58	135	<10	1000	0.8	4	0.60	13.5	8	4	335	5.06
H806204		3.09	0.381	1.4	0.99	116	<10	760	0.8	<2	0.66	7.5	9	19	88	4.55
H806205		3.99	1.100	16.1	0.57	1225	<10	440	0.7	34	0.48	14.8	8	4	262	4.29
H806206		2.86	0.560	3.3	0.76	136	<10	510	1.0	9	0.36	23.3	11	21	233	3.92
H806207		3.57	4.56	81.1	0.62	866	<10	180	0.5	56	0.17	10.5	2	3	419	7.72
H806208		3.93	0.301	5.4	0.72	366	<10	240	<0.5	7	0.16	1.7	2	25	148	5.61
H806209		1.81	0.067	1.3	0.55	84	<10	540	0.6	2	2.31	2.7	6	5	45	2.97
H806210		4.51	0.054	1.1	0.76	69	<10	540	0.7	<2	2.24	5.5	8	17	25	3.10
H806211		4.63	0.135	0.8	0.58	72	<10	640	0.5	6	0.96	1.6	7	4	55	3.43
H806212		4.81	0.362	6.4	0.87	89	<10	1380	0.6	6	0.52	6.8	7	17	151	2.99
H806213		4.49	0.033	0.7	0.60	36	<10	590	0.6	3	1.88	4.7	6	4	37	2.53
H806214		5.36	0.346	9.8	0.81	205	<10	300	0.6	3	1.12	6.1	4	15	226	3.70
H806215		4.53	0.015	0.6	0.78	25	<10	2010	0.7	2	2.97	0.9	7	4	31	2.81
H806216		3.46	0.019	0.4	0.97	33	<10	720	0.7	2	1.88	0.8	6	17	22	2.66
H806217		5.61	0.051	1.0	0.80	72	<10	500	0.7	3	2.12	1.7	6	4	82	2.99
H806218		3.96	0.030	1.0	0.91	57	<10	350	0.8	2	2.50	0.8	7	13	45	2.80
H806219		2.85	0.050	0.8	0.74	46	<10	360	0.7	3	1.59	2.1	8	4	51	3.44
H806220		3.06	0.446	2.7	0.50	252	<10	340	0.7	4	0.90	13.0	5	2	72	3.11
H806221		1.79	0.139	4.5	0.62	204	<10	430	0.5	9	0.51	6.7	6	18	170	4.86

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

Project: Klaza

Finalized Date: 12-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H806132		<10	<1	0.20	10	0.44	576	<1	0.03	4	810	22	0.05	4	8	205
H806133		<10	<1	0.19	10	0.42	554	<1	0.03	2	820	22	0.03	<2	7	189
H806134		<10	<1	0.20	10	0.61	868	<1	0.03	3	840	32	0.03	3	7	228
H806135		<10	<1	0.19	10	0.19	581	<1	0.03	3	810	41	0.03	2	7	150
H806136		<10	<1	0.22	10	0.52	529	<1	0.04	4	830	22	0.03	2	8	251
H806137		<10	<1	0.19	20	0.20	679	3	0.04	3	660	68	0.19	8	7	132
H806138		<10	<1	0.19	30	0.15	671	1	0.04	1	670	44	0.09	2	8	104
H806139		<10	<1	0.18	10	0.08	601	2	0.03	1	480	34	0.01	2	5	43
H806140		<10	<1	0.18	10	0.06	476	<1	0.03	<1	280	39	0.01	<2	2	69
H806141		<10	<1	0.17	10	0.03	477	<1	0.02	<1	300	39	0.01	<2	2	71
H806142		<10	<1	0.19	10	0.05	523	1	0.03	4	540	72	0.04	2	2	42
H806143		<10	<1	0.18	10	0.07	559	<1	0.03	9	690	81	0.04	2	3	98
H806144		<10	<1	0.24	20	0.13	736	<1	0.04	4	830	115	0.05	2	4	139
H806145		<10	<1	0.21	20	0.12	606	<1	0.03	1	850	53	0.03	<2	4	142
H806146		<10	<1	0.22	10	0.22	616	<1	0.03	3	840	66	0.02	2	4	223
H806147		<10	<1	0.29	10	0.16	560	<1	0.04	4	790	48	0.07	2	4	117
H806148		<10	<1	0.33	10	0.29	961	<1	0.04	10	710	30	0.01	<2	5	121
H806149		<10	<1	0.31	20	0.25	1380	1	0.04	5	670	117	0.81	4	6	56
H806150		<10	<1	0.37	20	0.24	2300	1	0.04	2	650	63	1.34	5	5	38
H806201		<10	<1	0.27	20	0.15	623	1	0.03	1	480	254	0.19	4	4	14
H806202		<10	<1	0.28	20	0.19	917	2	0.03	1	710	18	0.37	3	5	28
H806203		<10	<1	0.24	20	0.06	2040	4	0.02	1	700	1145	0.12	14	7	20
H806204		<10	<1	0.32	20	0.25	1335	3	0.03	1	640	135	0.25	2	6	30
H806205		<10	<1	0.27	20	0.06	1620	2	0.02	1	700	146	0.28	29	5	26
H806206		<10	1	0.34	20	0.06	2350	2	0.02	3	670	92	0.36	15	5	17
H806207		<10	1	0.55	10	0.05	750	3	0.02	<1	750	5180	1.09	77	2	40
H806208		<10	1	0.80	10	0.06	197	3	0.02	2	630	461	1.23	11	2	46
H806209		<10	<1	0.27	20	0.13	1020	2	0.03	1	670	173	0.36	2	6	42
H806210		<10	<1	0.29	20	0.20	1035	2	0.03	1	630	138	0.50	3	5	41
H806211		<10	<1	0.24	20	0.09	680	5	0.01	2	610	40	0.41	8	6	23
H806212		<10	1	0.24	20	0.05	778	10	0.03	2	570	1305	0.15	51	6	32
H806213		<10	<1	0.27	20	0.15	1010	5	0.01	2	640	59	0.30	3	5	27
H806214		<10	1	0.32	20	0.12	689	7	0.01	2	590	1445	0.16	12	5	33
H806215		<10	<1	0.28	20	0.34	1195	2	0.05	3	590	24	0.14	2	6	54
H806216		<10	<1	0.29	20	0.32	1175	1	0.02	2	610	41	0.19	<2	6	41
H806217		<10	<1	0.25	20	0.25	1615	1	0.01	1	630	129	0.19	2	6	49
H806218		<10	<1	0.28	20	0.19	802	1	0.01	2	620	56	0.65	2	7	61
H806219		<10	<1	0.29	20	0.19	1045	2	0.02	4	690	24	0.70	<2	6	37
H806220		<10	<1	0.29	20	0.06	4440	3	0.01	7	640	247	0.73	2	5	25
H806221		<10	<1	0.38	20	0.04	2030	7	0.01	2	630	248	0.64	7	3	13

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
H806132		<20	<0.01	<10	<10	30	<10	132			
H806133		<20	<0.01	<10	<10	31	<10	107			
H806134		<20	<0.01	<10	<10	48	<10	119			
H806135		<20	<0.01	<10	<10	30	<10	108			
H806136		<20	<0.01	<10	<10	35	<10	81			
H806137		<20	<0.01	<10	<10	26	<10	112			
H806138		<20	<0.01	<10	<10	23	<10	85			
H806139		<20	<0.01	<10	<10	13	<10	49			
H806140		<20	<0.01	<10	<10	5	<10	45			
H806141		<20	<0.01	<10	<10	3	<10	46			
H806142		<20	<0.01	<10	<10	10	<10	117			
H806143		<20	<0.01	<10	<10	14	<10	133			
H806144		<20	<0.01	<10	<10	18	<10	122			
H806145		<20	<0.01	<10	<10	17	<10	128			
H806146		<20	<0.01	<10	<10	18	<10	176			
H806147		<20	<0.01	<10	<10	21	<10	211			
H806148		<20	<0.01	<10	<10	29	<10	398			
H806149		<20	0.01	<10	<10	25	<10	359			
H806150		<20	<0.01	<10	<10	20	<10	428			
H806201		<20	<0.01	<10	<10	22	<10	376			
H806202		20	<0.01	<10	<10	25	<10	585			
H806203		<20	<0.01	<10	<10	30	<10	1305			
H806204		<20	0.01	<10	<10	33	<10	879			
H806205		<20	<0.01	<10	<10	25	<10	1065			
H806206		<20	<0.01	<10	<10	24	<10	2300			
H806207		<20	<0.01	<10	<10	14	<10	1300			
H806208		<20	<0.01	<10	<10	15	<10	353			
H806209		<20	<0.01	<10	<10	28	<10	226			
H806210		<20	<0.01	<10	<10	24	<10	394			
H806211		<20	<0.01	<10	<10	26	<10	142			
H806212		<20	<0.01	<10	<10	28	<10	595			
H806213		<20	<0.01	<10	<10	24	<10	365			
H806214		<20	0.01	<10	<10	27	<10	661			
H806215		<20	<0.01	<10	<10	30	<10	124			
H806216		<20	0.01	<10	<10	32	<10	102			
H806217		<20	<0.01	<10	<10	29	<10	216			
H806218		<20	<0.01	<10	<10	27	<10	85			
H806219		<20	0.01	<10	<10	34	<10	211			
H806220		<20	<0.01	<10	<10	13	<10	857			
H806221		<20	<0.01	<10	<10	17	<10	417			

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

Project: Klaza

Finalized Date: 12-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
H806222		1.81	0.029	0.5	1.02	21	<10	410	0.5	3	0.62	0.8	7	7	30	2.91
H806223		3.62	0.011	0.2	1.14	12	<10	420	<0.5	2	0.76	0.7	5	11	36	2.38
H806224		4.60	0.012	<0.2	1.14	9	<10	380	<0.5	3	0.76	1.4	5	10	22	2.36
H806225		8.18	0.034	0.9	1.22	29	<10	440	0.6	3	0.55	2.6	6	8	57	3.16
H806226		4.93	0.038	0.4	1.38	26	<10	360	0.5	3	0.56	<0.5	6	8	42	3.02
H806227		3.35	0.061	0.6	1.25	45	<10	500	<0.5	2	0.61	1.6	5	9	45	3.17
H806228		4.89	0.018	0.3	1.10	23	<10	360	<0.5	<2	0.73	1.3	5	10	35	2.60
H806229		5.61	0.025	10.7	2.57	81	<10	140	0.7	8	1.12	10.1	52	48	4330	5.29
H806230		3.93	0.022	0.8	1.34	12	<10	370	<0.5	2	0.66	2.2	6	12	166	2.43
H806231		2.83	0.301	5.7	1.00	105	<10	660	0.6	61	0.50	8.2	7	5	197	3.95
H806232		2.68	0.097	0.9	1.26	44	<10	1080	0.5	3	0.39	10.7	8	7	90	3.25
H806233		2.14	0.029	0.5	0.78	25	<10	460	0.6	3	1.59	10.4	8	6	49	2.57
H806234		1.45	0.005	0.2	0.74	13	<10	1270	0.7	<2	1.97	9.1	8	5	23	2.33
H806235		3.59	0.086	2.2	0.74	148	<10	350	0.7	5	0.28	25.3	9	4	153	3.88
H806236		2.03	0.241	8.1	0.79	255	<10	610	1.2	8	0.09	5.4	3	3	856	3.97

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CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H806222		<10	<1	0.23	20	0.40	966	3	0.04	2	650	32	0.18	<2	6	26
H806223		10	<1	0.19	20	0.61	639	2	0.05	2	660	20	0.14	<2	4	31
H806224		<10	<1	0.18	20	0.61	498	1	0.06	2	640	13	0.09	<2	5	29
H806225		<10	<1	0.21	20	0.46	1005	3	0.02	2	630	52	0.10	3	6	20
H806226		10	<1	0.17	20	0.65	728	3	0.03	2	700	19	0.12	<2	5	25
H806227		<10	<1	0.21	20	0.56	629	3	0.05	2	680	53	0.14	<2	6	32
H806228		10	<1	0.25	20	0.47	609	5	0.06	2	650	29	0.20	<2	4	32
H806229		10	1	0.66	30	1.22	821	451	0.17	4060	1060	3480	1.67	8	8	52
H806230		10	<1	0.20	10	0.69	480	18	0.07	135	660	207	0.11	<2	5	32
H806231		<10	<1	0.26	20	0.28	559	15	0.04	3	630	219	0.13	4	5	24
H806232		<10	<1	0.24	20	0.43	688	5	0.05	3	660	101	0.09	<2	6	23
H806233		<10	<1	0.24	20	0.32	592	2	0.03	4	910	97	0.20	2	5	117
H806234		<10	<1	0.24	30	0.19	880	1	0.04	4	1130	32	0.04	<2	3	160
H806235		<10	<1	0.27	20	0.15	949	4	0.01	3	630	424	0.79	3	5	21
H806236		<10	<1	0.36	20	0.03	402	21	0.01	2	690	2050	0.31	9	5	21

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 12-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10085377

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
H806222		<20	0.01	<10	<10	41	<10	130			
H806223		<20	0.06	<10	<10	46	<10	79			
H806224		<20	0.04	<10	<10	45	<10	110			
H806225		<20	0.02	<10	<10	40	<10	269			
H806226		<20	0.03	<10	<10	47	<10	65			
H806227		<20	0.05	<10	<10	53	<10	168			
H806228		<20	0.07	<10	<10	45	<10	95			
H806229		20	0.20	<10	<10	88	<10	3380			
H806230		<20	0.07	<10	<10	50	<10	284			
H806231		<20	0.01	<10	<10	32	<10	849			
H806232		<20	0.01	<10	<10	38	<10	816			
H806233		<20	0.01	<10	<10	26	<10	728			
H806234		<20	<0.01	<10	<10	19	<10	1050			
H806235		<20	<0.01	<10	<10	23	<10	1650			
H806236		<20	<0.01	<10	<10	15	<10	1220			

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VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE WH10089637

Project: Klaza

P.O. No.: Batch 14-22

This report is for 278 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Pb-VOL70	Pb by Titration	
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
H806237		3.49	0.417		12.6	0.53	281	<10	130	0.5	7	0.11	4.0	1	3	270
H806238		0.21	3.20		>100	0.32	>10000	<10	10	<0.5	<2	0.42	328	2	10	1580
H806239		9.94	0.618		7.5	1.30	285	<10	800	0.7	9	0.65	12.7	7	6	90
H806240		2.86	0.030		3.5	1.32	342	<10	410	<0.5	<2	0.71	3.0	6	10	36
H806241		3.62	0.021		0.3	1.36	56	<10	440	<0.5	4	0.93	1.4	6	10	45
H806242		2.27	0.049		0.8	1.27	83	<10	840	1.0	6	1.42	4.1	11	5	49
H806243		1.67	0.103		1.7	1.17	150	<10	240	0.8	4	0.36	5.8	13	5	50
H806244		1.44	0.009		<0.2	0.97	24	<10	940	0.6	<2	1.60	2.3	5	8	16
H806245		3.89	0.248		2.4	0.83	123	<10	450	0.5	5	0.87	3.1	5	5	59
H806246		1.54	0.011		0.4	0.78	33	<10	900	0.5	<2	1.80	1.7	8	4	15
H806247		1.76	0.015		0.2	1.18	58	<10	720	0.6	<2	1.74	<0.5	6	6	19
H806248		1.96	0.019		0.2	1.27	76	<10	390	<0.5	<2	1.20	0.9	3	7	54
H806249		1.92	0.181		3.4	0.80	358	<10	360	<0.5	7	0.29	<0.5	2	7	158
H806250		1.13	0.013		<0.2	1.23	21	<10	340	<0.5	<2	0.65	<0.5	4	9	30
H806251		7.59	0.023		0.4	1.76	26	<10	320	0.6	<2	0.42	3.4	7	8	27
H806252		5.49	0.010		<0.2	1.50	17	<10	340	0.5	<2	0.38	3.0	6	7	14
H806253		5.24	0.010		0.2	0.92	64	<10	350	0.6	<2	0.21	3.2	5	7	16
H806254		7.20	0.009		0.2	0.67	19	<10	550	0.6	<2	0.18	4.0	4	5	20
H806255		5.69	0.009		0.3	0.79	17	<10	750	0.9	<2	0.29	5.3	5	5	18
H806256		6.07	0.008		<0.2	1.14	13	<10	990	0.6	<2	0.31	4.0	6	6	15
H806257		5.13	0.007		<0.2	0.99	15	<10	570	0.5	<2	0.28	2.8	7	8	14
H806258		2.85	0.523		44.8	0.38	724	<10	880	<0.5	72	0.05	6.7	2	4	166
H806259		7.80	0.013		0.3	0.69	24	<10	560	0.7	<2	0.24	4.3	10	8	13
H806260		4.73	0.007		0.2	0.78	27	<10	810	0.9	<2	0.40	4.7	8	6	17
H806261		3.53	0.023		0.3	0.87	22	<10	1130	1.0	<2	0.39	5.9	8	5	66
H806262		4.77	0.018		0.2	1.48	9	<10	200	0.5	<2	0.33	2.2	1	7	18
H806263		3.81	0.017		<0.2	1.86	33	<10	260	0.8	<2	0.41	3.8	2	6	40
H806264		2.83	0.033		0.8	1.56	31	<10	220	0.5	<2	0.32	2.8	3	7	24
H806265		2.04	0.011		0.3	1.61	11	<10	250	0.6	<2	0.45	2.8	2	6	57
H806266		1.54	0.021		0.3	0.81	193	<10	700	0.9	<2	0.19	9.3	12	5	144
H806267		3.59	0.783		14.4	0.56	2220	<10	280	<0.5	36	0.18	28.2	2	3	157
H806268		3.21	2.28		13.8	1.07	1270	<10	290	<0.5	18	0.22	11.7	6	6	152
H806269		5.37	0.074		1.1	1.89	410	<10	410	0.7	<2	0.36	7.5	8	8	213
H806270		5.00	2.61		14.8	1.13	557	<10	240	0.6	11	0.21	10.9	15	5	244
H806271		0.90	0.495		2.2	1.16	319	<10	220	0.5	<2	0.18	6.4	7	5	161
H806272		4.56	0.048		2.2	1.46	299	<10	1350	0.7	2	0.20	9.2	17	7	244
H806273		3.12	0.032		1.6	1.52	131	<10	560	0.5	<2	0.23	5.2	13	8	139
H806274		3.65	0.051		1.2	1.39	82	<10	760	<0.5	<2	0.24	4.0	7	8	66
H806275		4.69	0.075		4.0	1.45	364	<10	570	0.6	3	0.28	7.8	4	4	194
H806276		5.47	0.025		0.3	1.45	181	<10	330	0.6	<2	0.38	5.4	7	8	67

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H806237		2.87	<10	1	0.35	20	0.04	126	3	0.01	1	540	2610	0.35	13	3
H806238		13.30	<10	1	0.13	<10	0.18	1490	<1	0.02	11	140	>10000	>10.0	542	1
H806239		3.87	<10	<1	0.34	20	0.27	1160	3	0.04	1	630	399	0.54	4	5
H806240		2.83	10	<1	0.18	20	0.67	541	2	0.08	3	660	231	0.13	5	5
H806241		2.82	<10	<1	0.22	20	0.63	582	4	0.09	3	740	20	0.25	4	6
H806242		3.66	<10	<1	0.23	50	0.25	1045	10	0.03	10	1540	35	0.11	<2	5
H806243		4.19	<10	<1	0.33	30	0.18	1075	9	0.03	4	710	108	0.69	<2	7
H806244		2.37	<10	<1	0.23	20	0.47	499	3	0.07	4	840	16	0.08	<2	4
H806245		2.77	<10	<1	0.30	20	0.16	473	4	0.03	2	650	111	0.36	11	4
H806246		1.85	<10	<1	0.26	30	0.19	513	2	0.04	2	620	16	0.13	<2	3
H806247		1.45	<10	<1	0.26	10	0.31	441	3	0.03	2	650	14	0.06	<2	3
H806248		2.50	<10	<1	0.18	20	0.55	481	10	0.05	2	650	12	0.18	<2	5
H806249		5.21	<10	<1	0.33	20	0.09	203	6	0.06	2	1470	179	0.43	2	3
H806250		2.65	<10	<1	0.15	20	0.62	488	2	0.10	2	680	11	0.09	<2	5
H806251		3.06	10	<1	0.14	20	0.57	670	1	0.05	4	570	22	<0.01	<2	6
H806252		2.66	10	<1	0.11	20	0.54	714	1	0.07	4	620	15	<0.01	<2	6
H806253		2.64	<10	<1	0.19	10	0.11	1020	3	0.02	4	630	30	<0.01	<2	7
H806254		2.19	<10	<1	0.13	20	0.04	962	2	0.02	4	540	12	<0.01	<2	7
H806255		2.61	<10	<1	0.20	30	0.06	708	2	0.02	4	620	18	<0.01	<2	8
H806256		2.74	<10	<1	0.24	20	0.24	769	2	0.09	3	610	17	<0.01	<2	7
H806257		2.35	<10	<1	0.20	20	0.30	726	1	0.08	3	570	14	<0.01	<2	6
H806258		4.46	<10	<1	0.28	20	0.02	260	2	0.03	<1	350	1810	0.19	29	2
H806259		2.19	<10	<1	0.22	20	0.05	693	2	0.04	4	660	18	<0.01	<2	6
H806260		2.27	<10	<1	0.26	40	0.06	842	2	0.03	5	1210	19	<0.01	2	3
H806261		2.30	<10	<1	0.21	40	0.10	1395	2	0.02	5	1090	23	<0.01	<2	5
H806262		1.60	<10	<1	0.10	10	0.85	767	<1	0.07	1	640	13	<0.01	<2	7
H806263		1.94	10	<1	0.12	20	0.81	1065	<1	0.04	1	850	22	<0.01	<2	8
H806264		1.96	<10	<1	0.13	20	0.75	1010	1	0.04	2	580	191	<0.01	<2	8
H806265		1.41	10	<1	0.06	20	0.65	799	1	0.05	2	570	18	<0.01	<2	6
H806266		3.40	<10	<1	0.17	20	0.14	2840	3	0.03	3	500	25	0.02	<2	8
H806267		5.56	<10	<1	0.47	20	0.06	496	2	0.04	1	370	1405	0.72	15	2
H806268		2.52	<10	<1	0.19	20	0.42	452	1	0.04	2	510	1550	0.10	17	5
H806269		3.28	10	<1	0.19	20	0.55	680	1	0.07	2	580	41	<0.01	<2	7
H806270		4.68	<10	<1	0.20	20	0.33	442	2	0.03	3	690	511	0.02	10	7
H806271		2.96	<10	<1	0.18	20	0.27	388	1	0.04	2	540	142	<0.01	<2	7
H806272		3.05	<10	<1	0.21	40	0.53	1940	2	0.04	5	540	147	0.01	<2	8
H806273		2.74	<10	<1	0.15	20	0.72	1875	1	0.06	4	620	55	<0.01	<2	7
H806274		2.28	<10	<1	0.17	20	0.64	1435	1	0.07	3	620	107	<0.01	<2	6
H806275		3.51	<10	<1	0.27	20	0.46	902	1	0.02	1	920	189	<0.01	3	4
H806276		2.87	10	<1	0.11	30	0.57	757	1	0.04	3	620	19	<0.01	<2	5

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: Klaza

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Pb-OG46	Pb-VOL70
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Ag	Pb	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.01
H806237		30	<20	<0.01	<10	<10	11	<10	562					
H806238		18	<20	<0.01	<10	<10	10	160	>10000	428	3.43		3.05	
H806239		37	<20	0.01	<10	<10	36	<10	1195					
H806240		40	<20	0.06	<10	<10	58	<10	297					
H806241		51	<20	0.04	<10	<10	51	<10	110					
H806242		46	<20	0.01	<10	<10	24	<10	443					
H806243		22	20	<0.01	<10	<10	27	<10	466					
H806244		142	<20	0.03	<10	<10	36	<10	163					
H806245		67	<20	<0.01	<10	<10	24	<10	337					
H806246		40	<20	<0.01	<10	<10	19	<10	201					
H806247		43	20	<0.01	<10	<10	20	<10	68					
H806248		46	<20	0.01	<10	<10	39	<10	85					
H806249		34	20	<0.01	<10	<10	30	<10	219					
H806250		35	<20	0.07	<10	<10	55	<10	55					
H806251		26	20	0.01	<10	<10	52	<10	260					
H806252		25	<20	0.01	<10	<10	50	<10	172					
H806253		22	<20	<0.01	<10	<10	36	<10	221					
H806254		20	<20	<0.01	<10	<10	32	<10	198					
H806255		20	20	<0.01	<10	<10	31	<10	329					
H806256		32	20	0.01	<10	<10	43	<10	195					
H806257		26	<20	0.01	<10	<10	38	<10	155					
H806258		33	<20	<0.01	<10	<10	8	<10	652					
H806259		18	<20	<0.01	<10	<10	25	<10	314					
H806260		28	<20	<0.01	<10	<10	19	<10	298					
H806261		29	<20	<0.01	<10	<10	22	<10	301					
H806262		20	<20	<0.01	<10	<10	36	<10	221					
H806263		20	20	<0.01	<10	<10	35	<10	702					
H806264		16	20	<0.01	<10	<10	38	<10	505					
H806265		26	<20	<0.01	<10	<10	35	<10	308					
H806266		21	20	0.01	<10	<10	43	<10	1145					
H806267		146	<20	<0.01	<10	<10	13	<10	637					
H806268		50	<20	<0.01	<10	<10	32	<10	411					
H806269		29	<20	0.02	<10	<10	53	<10	759					
H806270		20	<20	<0.01	<10	<10	35	<10	857					
H806271		15	<20	<0.01	<10	<10	31	<10	951					
H806272		22	20	<0.01	<10	<10	32	<10	908					
H806273		17	<20	<0.01	<10	<10	40	<10	545					
H806274		20	20	<0.01	<10	<10	35	<10	349					
H806275		12	<20	<0.01	<10	<10	35	<10	733					
H806276		23	20	0.01	<10	<10	50	<10	740					

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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Project: Klaza

Finalized Date: 21-JUL-2010
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CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
H806277		1.50	0.029		0.4	2.74	122	<10	670	1.1	<2	0.72	8.5	14	46	47
H806278		3.36	0.028		1.5	1.22	43	<10	450	0.5	2	1.32	6.9	5	6	95
H806279		3.74	0.127		6.1	0.63	386	<10	240	0.5	4	1.02	13.6	3	4	167
H806280		4.72	0.072		0.8	0.88	100	<10	510	0.5	3	1.80	0.8	10	5	167
H806281		4.83	0.036		0.8	1.04	158	<10	570	0.8	4	1.20	2.8	9	5	44
H806282		2.62	0.021		0.4	0.85	36	<10	430	0.5	2	1.94	1.6	7	4	42
H806283		1.45	0.088		1.2	0.57	68	<10	470	0.6	2	0.92	9.2	6	2	57
H806284		1.64	0.081		3.1	0.70	119	<10	90	0.7	8	0.88	7.4	6	3	170
H806285		3.38	0.736		>100	0.66	702	<10	400	0.5	283	0.16	8.4	3	3	359
H806286		2.57	0.034		2.2	1.27	74	<10	860	0.6	7	0.28	2.9	7	5	108
H806287		3.50	0.049		1.1	1.03	49	<10	790	<0.5	3	0.24	1.0	4	5	104
H806288		3.07	0.190		2.8	0.95	132	<10	900	0.6	3	0.18	2.4	6	4	239
H806289		5.67	0.668		24.9	0.56	307	<10	350	<0.5	15	0.10	27.0	2	3	284
H806290		4.69	0.096		1.4	0.75	111	<10	540	0.9	2	2.42	134.5	8	2	449
H806291		4.68	0.011		0.4	0.79	40	<10	1000	0.8	2	1.87	1.1	5	2	9
H806292		4.18	0.017		0.3	1.68	23	<10	270	0.6	<2	0.42	3.1	8	8	31
H806293		5.47	0.050		2.1	1.06	182	<10	270	0.8	3	0.21	6.9	7	6	240
H806294		3.34	0.021		0.7	1.13	33	<10	390	0.5	<2	0.30	4.4	5	8	41
H806295		4.93	0.039		1.4	0.80	67	<10	480	0.7	2	0.22	6.8	6	6	79
H806296		4.40	0.043		0.4	1.13	31	<10	3110	0.5	<2	0.24	3.0	6	6	56
H806297		3.55	0.010		0.4	1.46	30	<10	250	0.5	<2	0.31	3.3	6	8	21
H806298		3.63	0.020		0.8	1.54	22	<10	350	0.6	<2	0.29	7.0	5	5	41
H806299		4.86	0.018		0.3	1.76	16	<10	300	0.6	2	0.28	4.9	4	6	35
H806300		3.26	0.027		0.5	1.71	20	<10	200	0.8	2	0.30	4.5	3	6	22
H806301		5.31	0.012		0.3	1.26	13	<10	290	0.6	<2	0.26	6.4	3	6	10
H806302		5.64	0.015		0.5	0.96	21	<10	250	0.6	<2	0.21	6.0	2	5	10
H806303		5.03	0.013		0.2	1.25	21	<10	310	0.5	<2	0.33	4.9	4	8	11
H806304		5.27	0.162		5.1	1.04	173	<10	450	0.9	22	0.21	11.4	5	6	36
H806305		4.68	0.056		1.5	1.20	181	<10	220	0.9	<2	0.27	9.8	2	4	49
H806306		2.96	0.454		9.5	0.55	431	<10	160	<0.5	11	0.11	9.2	<1	4	105
H806307		3.64	0.014		0.7	0.70	82	<10	320	0.8	2	0.16	15.9	4	5	39
H806308		4.24	0.052		1.5	0.87	63	<10	370	0.8	<2	0.19	13.9	2	3	52
H806309		4.74	0.075		2.5	0.59	384	<10	460	0.8	<2	0.17	13.7	5	3	80
H806310		3.07	0.053		1.9	1.06	97	<10	540	0.9	<2	0.16	6.7	8	4	469
H806311		6.54	0.718		8.2	0.47	301	<10	450	<0.5	9	0.08	5.0	1	3	135
H806312		2.51	0.287		14.9	0.61	371	<10	350	0.6	20	0.10	12.2	4	3	242
H806313		5.28	0.048		1.7	0.56	82	<10	410	0.6	2	0.16	10.8	8	3	41
H806314		1.74	0.097		3.3	0.62	201	<10	350	0.7	4	0.12	21.9	8	3	60
H806315		3.11	0.466		5.6	0.37	179	<10	140	<0.5	6	0.06	1.7	<1	2	10
H806316		3.11	0.013		1.6	0.47	43	<10	440	0.5	<2	0.14	16.8	4	4	39

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H806277		3.44	10	<1	0.09	20	1.50	2820	1	0.03	7	1080	62	<0.01	<2	15
H806278		2.44	<10	<1	0.39	20	0.35	892	2	0.04	4	700	151	0.34	<2	4
H806279		3.12	<10	<1	0.35	10	0.18	734	11	0.01	2	630	1360	1.27	8	4
H806280		2.81	<10	<1	0.27	20	0.21	685	11	0.01	3	660	32	0.56	12	5
H806281		3.39	<10	<1	0.24	20	0.21	587	3	0.01	3	680	228	0.33	4	6
H806282		2.59	<10	<1	0.22	20	0.44	793	4	<0.01	3	550	50	0.67	7	6
H806283		3.35	<10	<1	0.30	20	0.18	1375	4	<0.01	3	530	78	0.61	6	4
H806284		5.23	<10	<1	0.37	20	0.26	1225	2	0.01	3	570	163	1.50	9	4
H806285		5.83	<10	1	0.28	20	0.07	780	7	<0.01	2	770	2150	0.31	103	4
H806286		4.26	<10	<1	0.19	20	0.21	739	3	0.01	2	680	48	0.13	6	7
H806287		3.25	<10	<1	0.19	20	0.25	250	3	0.02	1	720	25	0.11	5	5
H806288		3.44	<10	<1	0.30	30	0.12	522	6	0.01	1	810	1790	0.11	16	5
H806289		2.10	<10	1	0.35	20	0.04	174	4	<0.01	2	570	3650	0.26	14	2
H806290		2.58	<10	<1	0.33	10	0.64	1620	2	0.01	5	990	103	0.52	3	3
H806291		2.65	<10	<1	0.22	10	0.54	1130	1	0.03	2	820	56	0.26	3	4
H806292		2.99	<10	<1	0.17	20	0.58	668	1	0.06	4	600	18	0.01	<2	6
H806293		3.45	<10	<1	0.27	30	0.26	817	3	0.02	3	560	254	0.07	24	7
H806294		2.33	<10	<1	0.26	20	0.36	1260	1	0.04	4	600	71	0.01	<2	6
H806295		2.82	<10	<1	0.21	20	0.10	1600	2	0.01	4	600	87	0.01	8	6
H806296		2.51	<10	<1	0.16	10	0.29	780	1	0.03	4	580	37	0.07	2	6
H806297		2.83	10	<1	0.14	20	0.68	672	<1	0.05	4	700	15	0.01	<2	6
H806298		2.55	<10	<1	0.19	40	0.49	1465	2	0.01	4	570	15	0.01	<2	7
H806299		2.54	<10	<1	0.18	30	0.69	1380	2	0.02	4	600	13	0.01	<2	7
H806300		2.77	<10	<1	0.20	30	0.50	693	<1	0.01	4	640	15	0.01	<2	7
H806301		2.23	10	<1	0.16	20	0.43	1145	1	0.04	4	590	14	0.01	<2	7
H806302		1.88	<10	<1	0.19	20	0.12	903	1	0.03	3	600	24	0.01	<2	6
H806303		2.75	<10	<1	0.17	20	0.54	841	1	0.06	5	620	21	0.01	<2	5
H806304		4.75	<10	<1	0.30	20	0.13	1170	4	0.01	4	620	179	0.12	5	6
H806305		3.37	<10	<1	0.22	20	0.29	848	1	0.01	3	670	95	0.03	<2	7
H806306		3.61	<10	<1	0.29	10	0.03	265	1	<0.01	1	330	1005	0.14	29	3
H806307		3.45	<10	<1	0.25	20	0.10	4010	1	0.01	3	510	124	0.01	<2	7
H806308		3.21	<10	<1	0.27	20	0.05	3490	1	0.01	5	510	145	0.01	3	7
H806309		4.76	<10	<1	0.31	20	0.03	2590	3	0.01	3	670	388	0.27	11	7
H806310		3.06	<10	<1	0.23	20	0.05	1060	1	0.01	3	510	106	0.07	4	8
H806311		3.14	<10	1	0.32	20	0.03	321	6	<0.01	2	350	723	0.24	36	3
H806312		5.44	<10	<1	0.32	20	0.03	1060	4	<0.01	1	550	712	0.08	17	4
H806313		2.76	<10	<1	0.24	20	0.03	1515	3	<0.01	3	570	377	0.03	6	6
H806314		5.22	<10	<1	0.32	10	0.03	3550	2	0.01	5	600	474	0.12	5	5
H806315		1.75	<10	1	0.34	10	0.02	110	1	0.01	<1	170	445	0.23	4	1
H806316		3.03	<10	<1	0.28	10	0.02	2850	1	0.02	<1	530	756	0.08	3	4

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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Project: Klaza

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CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Pb-OG46	Pb-VOL70
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Ag	Pb	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.01
H806277		39	<20	<0.01	<10	<10	112	<10	1465					
H806278		40	<20	0.01	<10	<10	30	<10	441					
H806279		32	<20	<0.01	<10	<10	19	<10	812					
H806280		35	<20	<0.01	<10	<10	27	<10	94					
H806281		42	<20	<0.01	<10	<10	32	<10	317					
H806282		41	<20	<0.01	<10	<10	31	<10	133					
H806283		25	<20	<0.01	<10	<10	19	<10	430					
H806284		25	<20	<0.01	<10	<10	21	<10	551					
H806285		28	<20	<0.01	<10	<10	21	<10	901	162				
H806286		20	<20	<0.01	<10	<10	36	<10	399					
H806287		23	<20	<0.01	<10	<10	34	<10	195					
H806288		17	<20	<0.01	<10	<10	27	<10	365					
H806289		22	<20	<0.01	<10	<10	8	<10	825					
H806290		84	<20	<0.01	<10	<10	11	10	4080					
H806291		68	<20	<0.01	<10	<10	14	<10	147					
H806292		27	<20	0.03	<10	<10	56	<10	258					
H806293		29	<20	0.01	<10	<10	38	<10	462					
H806294		16	<20	0.03	<10	<10	39	<10	301					
H806295		15	<20	<0.01	<10	<10	33	<10	531					
H806296		30	<20	0.01	<10	<10	42	<10	293					
H806297		19	<20	0.01	<10	<10	54	<10	430					
H806298		18	<20	<0.01	<10	<10	34	<10	773					
H806299		20	<20	<0.01	<10	<10	36	<10	630					
H806300		16	<20	<0.01	<10	<10	39	<10	559					
H806301		19	<20	<0.01	<10	<10	41	<10	441					
H806302		11	<20	<0.01	<10	<10	36	<10	371					
H806303		21	<20	0.03	<10	<10	48	<10	407					
H806304		44	<20	<0.01	<10	<10	31	<10	1035					
H806305		25	<20	<0.01	<10	<10	32	<10	1120					
H806306		37	<20	<0.01	<10	<10	10	<10	854					
H806307		18	<20	<0.01	<10	<10	21	10	2080					
H806308		24	<20	<0.01	<10	<10	18	<10	1250					
H806309		58	20	<0.01	<10	<10	21	10	1405					
H806310		35	<20	<0.01	<10	<10	29	<10	1195					
H806311		46	<20	<0.01	<10	<10	12	<10	637					
H806312		20	<20	<0.01	<10	<10	13	<10	1455					
H806313		14	<20	<0.01	<10	<10	17	<10	1055					
H806314		28	<20	<0.01	<10	10	17	<10	2130					
H806315		28	<20	<0.01	<10	<10	5	<10	200					
H806316		10	<20	<0.01	<10	<10	12	<10	1090					

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 21-JUL-2010
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CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
H806317		5.41	0.114		1.9	0.63	121	<10	590	0.6	2	0.14	10.7	3	3	47
H806318		9.62	0.080		1.3	0.55	168	<10	640	0.6	2	0.15	10.6	6	3	56
H806319		1.57	0.019		0.6	0.93	257	<10	120	0.6	<2	0.15	4.9	6	4	335
H806320		3.71	0.012		0.2	0.69	88	<10	750	0.6	<2	0.16	10.8	8	5	162
H806321		4.03	0.016		0.6	0.52	45	<10	840	0.6	<2	0.16	8.2	4	3	23
H806322		5.30	0.085		1.1	0.63	262	<10	680	0.9	<2	0.14	19.8	12	2	88
H806323		2.87	0.009		0.2	0.95	76	<10	530	0.6	<2	0.15	11.3	6	5	75
H806324		4.39	0.020		0.7	0.67	115	<10	440	0.5	<2	0.18	10.8	7	4	27
H806325		5.18	0.019		0.5	0.74	84	<10	650	<0.5	<2	0.27	10.1	6	5	12
H806326		4.63	0.017		0.4	0.45	58	<10	280	<0.5	<2	0.10	7.6	6	6	12
H806327		4.43	0.055		1.1	0.58	255	<10	400	0.6	<2	0.17	16.0	6	5	36
H806328		3.23	0.026		0.6	0.42	122	<10	270	<0.5	2	0.11	9.1	5	7	35
H806329		3.97	0.017		0.3	0.43	55	<10	170	<0.5	2	0.13	4.7	6	27	19
H806330		4.93	0.028		1.8	0.40	55	<10	550	<0.5	2	0.14	12.8	3	6	19
H806331		3.73	0.025		0.3	0.51	92	<10	320	0.5	<2	0.18	11.4	3	4	10
H806332		4.23	0.019		0.4	0.54	46	<10	430	0.6	<2	0.17	9.6	4	4	13
H806333		3.40	0.014		0.3	0.95	59	<10	550	0.9	<2	0.41	10.8	8	9	17
H806334		3.12	0.060		0.3	0.17	214	<10	260	<0.5	<2	0.08	5.7	12	15	13
H806335		0.84	<0.005		<0.2	0.04	2	<10	10	<0.5	<2	19.2	<0.5	1	1	1
H806336		4.62	0.016		0.7	0.61	72	<10	760	0.7	2	0.23	9.7	8	4	26
H806337		6.81	0.019		0.7	0.71	43	<10	270	0.6	<2	0.27	7.7	5	4	30
H806338		3.74	0.028		0.7	0.64	88	<10	740	0.5	2	0.24	16.2	8	12	47
H806339		0.22	1.975		>100	0.30	>10000	<10	10	<0.5	<2	0.39	314	3	10	1505
H806340		3.59	0.036		2.6	0.78	290	<10	760	0.6	<2	0.22	12.2	7	12	110
H806341		4.62	0.188		7.8	0.57	642	<10	450	0.6	15	0.17	16.1	8	5	143
H806342		2.67	0.053		5.2	0.44	1505	<10	410	0.5	7	0.10	18.9	2	10	226
H806343		5.88	0.208		13.9	0.30	875	<10	280	<0.5	8	0.12	3.5	<1	3	101
H806344		6.77	9.58		81.6	0.23	2350	<10	250	<0.5	56	0.07	4.9	<1	12	231
H806345		4.56	1.245		3.8	0.30	262	<10	1100	<0.5	3	0.06	2.9	1	3	67
H806346		5.12	0.038		1.0	0.52	78	<10	760	0.7	<2	0.20	4.5	6	9	45
H806347		4.74	0.037		1.2	0.41	70	<10	1790	0.5	2	0.15	4.7	7	3	74
H806348		5.12	0.019		0.4	0.46	32	<10	560	0.6	<2	0.17	5.2	6	12	27
H806349		3.20	0.008		0.3	0.83	26	<10	460	0.5	<2	0.44	4.4	7	8	14
H806350		4.26	0.013		0.4	1.11	23	<10	500	0.6	<2	0.37	5.2	5	11	24
H806401		2.12	0.014		0.4	1.36	22	<10	210	0.6	<2	0.33	4.6	5	6	11
H806402		4.84	0.023		1.1	0.66	51	<10	350	0.6	<2	0.21	8.2	6	10	39
H806403		4.34	0.013		0.7	1.40	21	<10	280	0.8	<2	0.34	4.3	4	6	27
H806404		3.37	0.020		0.9	0.87	59	<10	370	0.8	<2	0.22	7.3	13	11	120
H806405		2.86	0.130		5.4	0.45	385	<10	950	0.8	4	0.11	9.8	4	3	243
H806406		2.05	0.928		20.2	0.57	1065	<10	250	1.1	3	0.12	9.8	5	12	532

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H806317		4.89	<10	1	0.33	20	0.03	1600	1	0.02	1	700	499	0.06	4	5
H806318		2.37	<10	<1	0.25	20	0.03	2200	3	0.01	1	490	190	0.05	11	5
H806319		2.86	<10	1	0.23	10	0.03	608	4	0.01	<1	470	54	0.03	19	6
H806320		2.49	<10	<1	0.14	10	0.02	2210	3	0.01	1	490	40	0.07	9	7
H806321		2.01	<10	<1	0.26	10	0.03	2460	1	0.01	2	540	177	0.03	2	5
H806322		3.50	<10	<1	0.27	20	0.03	4280	3	0.01	3	500	203	0.09	14	7
H806323		2.72	<10	1	0.15	10	0.03	1915	2	0.01	1	480	34	0.03	7	9
H806324		2.71	<10	<1	0.21	20	0.03	1550	3	0.01	2	530	117	0.05	8	7
H806325		1.78	<10	<1	0.17	10	0.05	1355	2	0.01	2	450	223	0.10	5	6
H806326		1.29	<10	<1	0.15	10	0.02	1300	4	0.01	1	310	42	0.09	3	4
H806327		2.61	<10	<1	0.27	20	0.03	2620	2	0.02	2	540	252	0.03	6	6
H806328		2.01	<10	<1	0.18	10	0.02	1535	3	0.02	1	400	170	0.05	3	5
H806329		1.24	<10	<1	0.18	10	0.02	816	2	0.02	6	340	60	0.04	3	4
H806330		2.10	<10	<1	0.24	10	0.02	2150	1	0.01	1	410	272	0.16	<2	4
H806331		1.25	<10	<1	0.22	10	0.03	1610	1	0.02	2	530	43	0.02	2	5
H806332		2.20	<10	1	0.22	10	0.03	1950	1	0.02	2	540	68	0.03	<2	8
H806333		2.42	<10	<1	0.28	30	0.06	1185	2	0.01	5	1110	36	0.03	3	4
H806334		1.31	<10	<1	0.09	<10	0.02	1150	3	0.01	1	60	41	0.33	5	1
H806335		0.36	<10	1	0.02	<10	12.00	176	<1	0.02	<1	510	2	<0.01	<2	<1
H806336		2.56	<10	1	0.27	20	0.04	1665	3	0.02	3	690	149	0.05	3	6
H806337		1.66	<10	<1	0.13	20	0.13	1195	1	0.02	1	620	61	0.01	3	5
H806338		1.78	<10	<1	0.15	80	0.12	2240	2	0.03	3	640	48	0.06	2	5
H806339		13.0	<10	1	0.12	<10	0.17	1440	<1	0.02	9	140	>10000	>10.0	543	1
H806340		2.52	<10	1	0.16	30	0.15	1940	3	0.02	3	610	107	0.07	6	6
H806341		3.92	<10	<1	0.19	30	0.06	1390	4	0.01	1	530	258	0.07	13	5
H806342		5.58	<10	<1	0.24	30	0.02	343	5	0.01	<1	610	973	0.19	21	4
H806343		4.43	<10	1	0.40	10	0.02	125	10	0.01	<1	240	2070	0.69	31	1
H806344		3.83	<10	2	0.36	10	0.02	109	32	0.01	<1	160	>10000	0.93	202	1
H806345		1.53	<10	1	0.16	10	0.02	90	2	0.01	<1	200	153	0.11	15	1
H806346		2.36	<10	<1	0.20	20	0.03	717	3	0.01	3	570	95	0.05	7	4
H806347		3.35	<10	1	0.21	30	0.03	1340	3	0.01	1	470	145	0.12	26	5
H806348		2.93	<10	<1	0.15	20	0.03	746	3	0.01	2	540	30	0.02	7	7
H806349		2.65	<10	<1	0.15	20	0.34	736	2	0.03	2	610	28	0.04	4	6
H806350		2.47	<10	<1	0.19	20	0.33	569	3	0.03	10	620	36	0.02	<2	5
H806401		2.86	<10	<1	0.11	20	0.60	662	1	0.02	4	660	34	0.01	<2	6
H806402		2.98	<10	<1	0.21	20	0.06	1335	3	0.02	4	640	154	0.02	<2	5
H806403		3.30	<10	<1	0.15	20	0.39	432	1	0.02	3	690	83	0.01	<2	6
H806404		3.87	<10	<1	0.16	20	0.16	885	1	0.02	2	650	167	0.02	<2	7
H806405		6.01	<10	<1	0.23	20	0.03	851	4	0.02	2	550	501	0.08	15	5
H806406		7.94	<10	<1	0.22	20	0.03	1020	12	0.01	2	540	2150	0.15	48	6

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: Klaza

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Pb-OG46	Pb-VOL70
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Ag	Pb	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.01
H806317		17	<20	<0.01	<10	<10	17	<10	1410					
H806318		32	<20	<0.01	<10	<10	16	<10	867					
H806319		32	<20	<0.01	<10	<10	25	<10	717					
H806320		37	<20	<0.01	<10	<10	29	<10	911					
H806321		38	<20	<0.01	<10	<10	20	<10	882					
H806322		40	<20	<0.01	<10	10	17	<10	1455					
H806323		38	<20	<0.01	<10	<10	35	<10	986					
H806324		29	<20	<0.01	<10	<10	28	<10	1010					
H806325		25	<20	<0.01	<10	<10	23	<10	576					
H806326		10	<20	<0.01	<10	<10	16	<10	415					
H806327		13	<20	<0.01	<10	<10	20	<10	920					
H806328		10	<20	<0.01	<10	<10	21	<10	705					
H806329		9	<20	0.01	<10	<10	20	<10	335					
H806330		11	<20	<0.01	<10	<10	16	<10	970					
H806331		12	<20	<0.01	<10	<10	16	<10	357					
H806332		11	<20	<0.01	<10	<10	29	<10	554					
H806333		27	<20	0.01	<10	<10	28	<10	649					
H806334		6	<20	<0.01	<10	<10	9	<10	258					
H806335		51	<20	<0.01	<10	<10	3	<10	15					
H806336		17	<20	<0.01	<10	<10	20	<10	811					
H806337		12	<20	<0.01	<10	<10	20	<10	481					
H806338		15	<20	<0.01	<10	<10	22	<10	570					
H806339		17	<20	<0.01	<10	<10	11	150	>10000	418	3.31		2.97	
H806340		16	<20	<0.01	<10	<10	29	<10	774					
H806341		15	<20	<0.01	<10	<10	26	<10	1010					
H806342		14	<20	<0.01	<10	<10	16	<10	955					
H806343		21	<20	<0.01	<10	<10	8	<10	462					
H806344		29	<20	<0.01	<10	<10	4	<10	275				1.305	
H806345		58	<20	<0.01	<10	<10	8	<10	230					
H806346		39	<20	<0.01	<10	<10	20	<10	414					
H806347		20	<20	<0.01	<10	<10	21	<10	418					
H806348		17	<20	<0.01	<10	<10	34	<10	434					
H806349		23	<20	0.01	<10	<10	41	<10	353					
H806350		18	<20	<0.01	<10	<10	28	<10	487					
H806401		17	<20	<0.01	<10	<10	43	<10	432					
H806402		11	<20	<0.01	<10	<10	21	<10	794					
H806403		15	20	0.01	<10	<10	39	<10	686					
H806404		13	<20	<0.01	<10	<10	33	<10	1100					
H806405		15	<20	<0.01	<10	10	14	<10	1665					
H806406		12	<20	<0.01	<10	20	12	<10	1635					

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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

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1016 - 510 W HASTINGS STREET
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Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
H806407		2.20	0.599		7.4	0.36	375	<10	200	0.5	11	0.10	5.9	5	3	104
H806408		1.47	0.124		1.9	0.44	180	<10	290	0.8	2	0.16	4.5	2	13	96
H806409		2.41	0.068		1.5	0.73	111	<10	630	0.8	<2	0.24	4.8	11	5	47
H806410		4.72	0.053		1.1	0.70	82	<10	790	0.9	<2	0.25	3.9	9	10	37
H806411		2.58	0.012		0.4	0.61	17	<10	580	0.7	<2	0.26	6.2	8	5	23
H806412		3.47	0.027		1.2	0.57	269	<10	800	0.9	<2	0.23	12.8	14	9	103
H806413		3.23	0.051		2.4	0.59	122	<10	680	0.6	3	0.17	11.6	9	6	116
H806151		1.29	0.016		0.5	1.23	16	<10	1120	1.0	<2	0.44	1.0	9	8	12
H806152		2.47	0.298		2.2	0.69	276	<10	530	1.0	<2	0.28	3.3	7	4	48
H806153		2.71	0.024		0.8	0.75	28	<10	440	0.5	<2	0.86	1.0	5	12	19
H806154		3.65	0.137		2.0	0.64	107	<10	770	0.5	3	0.39	4.4	7	6	40
H806155		3.00	0.010		0.2	1.13	9	<10	430	<0.5	<2	0.44	0.5	5	14	18
H806156		8.11	0.042		0.8	0.72	33	<10	440	0.5	2	1.03	1.6	6	5	40
H806157		0.98	0.284		3.5	0.29	69	<10	670	<0.5	12	0.06	<0.5	1	11	16
H806158		2.93	0.037		0.4	0.94	15	<10	580	<0.5	2	0.54	<0.5	6	7	47
H806159		3.03	0.015		0.2	1.11	9	<10	390	<0.5	<2	0.69	<0.5	5	16	14
H806160		2.34	0.006		0.2	1.10	13	<10	450	<0.5	<2	0.53	1.0	6	12	11
H806161		0.96	0.044		1.5	0.60	86	<10	760	0.7	<2	1.17	2.0	7	12	39
H806162		2.53	0.009		0.2	1.13	10	<10	470	<0.5	<2	1.08	<0.5	6	9	24
H806163		3.16	0.024		0.4	0.86	38	<10	420	0.5	<2	1.50	0.8	8	14	38
H806164		6.67	0.044		0.9	0.66	59	<10	480	0.5	<2	1.73	1.3	8	5	24
H806165		6.60	0.008		0.2	1.02	8	<10	600	<0.5	<2	1.25	<0.5	5	15	10
H806166		2.53	0.006		0.2	0.84	7	<10	530	<0.5	<2	1.59	<0.5	6	8	7
H806167		4.88	0.014		0.3	0.63	18	<10	570	0.6	<2	2.13	<0.5	5	10	13
H806168		6.43	0.048		1.1	0.70	29	<10	580	0.5	<2	1.93	0.5	7	7	32
H806169		8.12	0.044		0.8	0.64	43	<10	630	0.6	<2	1.87	2.6	8	12	33
H806170		1.11	0.133		2.2	0.45	266	<10	440	1.3	<2	0.43	29.0	9	4	46
H806171		2.98	0.015		0.6	0.43	36	<10	1280	0.8	2	2.43	3.3	6	9	20
H806172		6.04	0.007		0.2	0.40	17	<10	1270	0.8	<2	2.19	<0.5	4	7	12
H806173		5.56	0.031		0.5	0.55	47	<10	800	0.7	<2	2.03	0.6	7	9	137
H806174		1.85	0.229		5.0	0.56	316	<10	870	0.5	147	0.14	0.5	6	4	1740
H806175		5.69	0.099		1.7	0.55	121	<10	300	0.7	18	1.04	1.1	13	9	1580
H806176		3.34	0.015		0.8	0.94	57	<10	390	0.5	4	2.96	0.7	10	35	68
H806177		4.20	0.014		0.6	0.43	55	<10	270	0.5	5	2.53	0.6	5	6	58
H806178		3.30	0.021		0.8	0.61	79	<10	440	1.0	4	0.48	7.9	4	5	303
H806179		3.94	<0.005		<0.2	0.46	14	<10	300	0.9	<2	0.79	1.9	2	3	38
H806180		4.51	0.120		4.6	0.42	111	<10	170	<0.5	21	0.10	1.0	1	6	48
H806181		3.90	0.049		3.7	1.00	149	<10	440	1.0	50	0.41	22.3	9	26	162
H806182		10.59	1.065		20.5	0.51	881	<10	270	<0.5	27	0.13	3.2	1	5	202
H806183		4.33	0.015		1.0	0.65	27	<10	780	1.0	<2	0.42	52.9	10	2	161

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H806407		4.23	<10	<1	0.22	20	0.02	617	4	0.01	2	400	291	0.19	9	4
H806408		4.22	<10	<1	0.21	20	0.03	329	2	0.01	2	580	247	0.07	4	6
H806409		3.81	<10	1	0.16	20	0.14	1480	4	0.02	4	560	218	0.05	7	8
H806410		3.30	<10	<1	0.17	30	0.09	1130	3	0.02	4	570	128	0.04	5	8
H806411		2.77	<10	<1	0.15	30	0.07	1735	2	0.03	3	650	21	0.01	<2	9
H806412		3.87	<10	<1	0.22	20	0.06	3360	2	0.02	4	670	72	0.07	4	7
H806413		3.28	<10	<1	0.16	20	0.14	1470	3	0.02	3	460	118	0.07	5	5
H806151		3.67	<10	<1	0.20	30	0.23	898	1	0.03	4	680	22	0.04	<2	8
H806152		3.83	<10	<1	0.32	20	0.08	3580	2	0.02	2	670	324	0.15	4	7
H806153		2.59	<10	<1	0.20	20	0.29	1155	2	0.05	2	650	50	0.18	<2	7
H806154		4.38	<10	<1	0.21	20	0.19	906	2	0.02	2	630	89	0.27	2	4
H806155		2.58	<10	<1	0.14	20	0.63	547	<1	0.07	3	640	18	0.05	<2	4
H806156		3.03	<10	<1	0.23	20	0.31	967	1	0.03	2	640	50	0.58	<2	4
H806157		2.46	<10	<1	0.33	20	0.03	53	1	0.02	<1	410	163	0.52	<2	1
H806158		2.42	<10	<1	0.20	20	0.48	404	1	0.04	2	660	23	0.30	<2	4
H806159		2.75	<10	<1	0.17	20	0.64	482	<1	0.08	3	670	17	0.06	<2	5
H806160		2.68	<10	<1	0.20	20	0.60	524	1	0.09	3	670	19	0.03	<2	5
H806161		3.27	<10	<1	0.22	30	0.14	1125	2	0.03	2	640	156	0.18	3	7
H806162		2.84	<10	<1	0.18	20	0.61	610	<1	0.06	1	670	17	0.06	<2	7
H806163		2.96	<10	<1	0.17	20	0.31	858	1	0.03	2	640	47	0.12	<2	5
H806164		3.27	<10	<1	0.23	20	0.20	1210	1	0.03	1	630	169	0.36	<2	4
H806165		2.51	<10	<1	0.22	20	0.52	568	1	0.07	2	590	14	0.03	<2	5
H806166		2.63	<10	<1	0.18	20	0.42	634	1	0.06	2	650	12	0.03	<2	7
H806167		2.39	<10	<1	0.19	30	0.32	593	1	0.03	2	580	19	0.06	<2	6
H806168		2.64	<10	<1	0.21	20	0.35	780	1	0.04	2	640	32	0.22	<2	6
H806169		2.84	<10	<1	0.21	20	0.21	829	1	0.03	2	600	52	0.40	2	5
H806170		4.25	<10	1	0.19	20	0.08	1025	3	0.01	5	770	443	0.27	<2	5
H806171		2.50	<10	<1	0.21	20	0.28	1450	1	0.02	6	700	96	0.08	<2	5
H806172		1.84	<10	<1	0.22	20	0.53	538	<1	0.02	7	840	31	0.05	<2	4
H806173		2.95	<10	<1	0.21	20	0.22	998	1	0.02	6	720	54	0.25	<2	5
H806174		5.31	<10	<1	0.30	10	0.04	137	4	0.03	3	670	93	0.30	8	3
H806175		4.63	<10	<1	0.24	20	0.24	1090	1	0.02	11	720	63	0.84	3	4
H806176		2.92	<10	<1	0.25	10	0.92	1190	1	0.03	21	680	34	0.75	<2	4
H806177		2.50	<10	<1	0.30	10	0.36	1255	1	0.02	4	660	21	1.04	<2	2
H806178		2.71	<10	<1	0.21	10	0.09	546	5	0.03	3	650	45	0.59	3	3
H806179		1.39	<10	<1	0.15	<10	0.08	434	<1	0.02	1	320	31	0.03	<2	2
H806180		2.39	<10	<1	0.25	10	0.04	114	1	0.01	2	390	283	0.27	<2	1
H806181		4.70	<10	<1	0.36	30	0.18	1330	2	0.04	13	1550	158	0.36	3	5
H806182		4.77	<10	<1	0.39	10	0.04	68	5	0.02	1	810	1370	0.68	27	2
H806183		3.19	<10	<1	0.21	20	0.05	1565	<1	0.02	4	840	59	0.03	<2	5

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Pb-OG46	Pb-VOL70
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Ag	Pb	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.01
H806407		17	<20	<0.01	<10	<10	16	<10	644					
H806408		14	<20	<0.01	<10	<10	20	<10	951					
H806409		19	<20	<0.01	<10	<10	31	<10	677					
H806410		20	<20	<0.01	<10	<10	26	<10	528					
H806411		16	<20	<0.01	<10	<10	33	<10	437					
H806412		18	<20	<0.01	<10	<10	25	<10	1170					
H806413		16	20	0.01	<10	<10	24	<10	801					
H806151		46	<20	<0.01	<10	<10	33	<10	110					
H806152		22	20	<0.01	<10	<10	22	<10	362					
H806153		32	<20	0.01	<10	<10	38	<10	121					
H806154		26	<20	<0.01	<10	<10	23	<10	325					
H806155		26	<20	0.07	<10	<10	52	<10	62					
H806156		37	<20	<0.01	<10	<10	26	<10	132					
H806157		36	<20	<0.01	<10	<10	4	<10	60					
H806158		32	<20	0.01	<10	<10	31	<10	39					
H806159		31	<20	0.10	<10	<10	59	<10	50					
H806160		29	<20	0.10	<10	<10	61	<10	93					
H806161		40	<20	<0.01	<10	<10	30	<10	288					
H806162		50	<20	0.03	<10	<10	52	<10	54					
H806163		43	<20	0.01	<10	<10	35	<10	124					
H806164		38	<20	<0.01	<10	<10	26	<10	160					
H806165		54	20	0.06	<10	<10	50	<10	45					
H806166		71	<20	0.03	<10	<10	47	<10	45					
H806167		50	20	0.01	<10	<10	34	<10	49					
H806168		59	<20	0.01	<10	<10	37	<10	65					
H806169		57	<20	<0.01	<10	<10	31	<10	301					
H806170		39	<20	<0.01	<10	<10	16	<10	1675					
H806171		79	<20	<0.01	<10	<10	21	<10	353					
H806172		105	<20	<0.01	<10	<10	19	<10	65					
H806173		65	<20	<0.01	<10	<10	23	<10	96					
H806174		100	<20	<0.01	<10	<10	20	<10	137					
H806175		52	<20	<0.01	<10	<10	24	<10	143					
H806176		170	<20	<0.01	<10	<10	36	<10	116					
H806177		70	<20	<0.01	<10	<10	13	<10	64					
H806178		23	<20	<0.01	<10	10	10	<10	308					
H806179		25	<20	<0.01	<10	<10	4	<10	173					
H806180		44	<20	<0.01	<10	<10	5	<10	248					
H806181		63	<20	0.02	<10	<10	28	<10	1945					
H806182		85	<20	<0.01	<10	<10	15	<10	607					
H806183		24	<20	<0.01	<10	<10	17	<10	2460					

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
H806184		3.87	0.075		1.6	0.91	141	<10	160	0.9	<2	0.23	7.9	6	7	329
H806185		5.20	0.044		0.9	1.06	74	<10	560	1.2	<2	1.12	12.8	10	21	87
H806186		4.25	<0.005		0.2	0.74	14	<10	1150	0.8	<2	2.47	0.7	5	4	7
H806187		3.99	0.006		0.2	0.61	12	<10	680	1.0	<2	3.25	0.7	6	5	18
H806188		4.79	0.013		0.3	0.72	43	<10	1240	1.0	<2	2.51	1.0	7	5	17
H806189		2.38	0.006		0.3	0.58	28	<10	2590	1.1	<2	1.63	9.0	10	5	110
H806190		1.36	0.169		2.0	0.64	154	<10	210	0.5	11	0.20	1.4	4	4	102
H806191		3.22	0.008		0.2	0.53	35	<10	440	0.9	<2	2.16	1.3	5	4	9
H806192		2.41	0.009		<0.2	0.70	68	<10	820	1.0	<2	2.68	1.7	5	6	10
H806193		1.64	0.349		8.3	0.70	645	<10	810	0.7	6	0.23	22.2	2	14	99
H806194		0.89	>10.0	40.5	>100	0.38	>10000	<10	20	<0.5	9	0.07	42.9	5	4	236
H806195		2.16	0.284		17.1	0.38	180	<10	130	<0.5	7	0.04	2.3	10	3	17
H806196		1.96	0.244		9.0	0.38	198	<10	150	<0.5	15	0.04	2.5	7	2	43
H806198		4.10	0.048		2.3	0.53	64	<10	250	<0.5	5	0.90	5.6	18	3	46
H806199		3.22	0.050		1.2	0.50	125	<10	580	<0.5	2	0.89	1.3	11	3	48
H806200		5.39	0.060		0.9	0.78	75	<10	810	0.5	4	0.25	0.8	7	4	77
H806351		2.77	0.040		0.5	0.70	34	<10	480	<0.5	3	1.26	0.5	8	5	98
H806352		3.22	0.023		0.9	0.83	46	<10	340	0.5	2	0.88	2.3	10	5	117
H806353		3.31	0.178		4.9	0.34	182	<10	630	<0.5	10	0.06	0.8	7	3	31
H806354		6.02	0.311		2.3	0.59	245	<10	320	0.6	6	1.04	5.5	9	3	145
H806355		2.78	0.305		3.8	0.44	281	<10	610	0.6	3	0.53	19.6	11	3	66
H806356		5.01	0.019		0.6	1.40	29	<10	370	0.6	<2	1.85	2.6	6	8	59
H806357		1.76	0.132		0.4	1.15	39	<10	490	0.6	<2	2.17	0.7	6	5	41
H806358		1.86	0.881		3.7	0.40	471	<10	330	<0.5	7	0.42	3.7	6	2	22
H806359		3.16	0.230		1.0	1.06	138	<10	340	0.6	<2	2.09	1.7	8	5	88
H806360		2.51	0.520		2.0	0.44	293	<10	270	<0.5	3	0.72	2.6	6	2	55
H806361		7.44	0.036		0.6	1.26	46	<10	630	0.6	4	1.73	4.7	11	6	33
H806362		2.44	0.172		4.4	0.64	318	<10	140	<0.5	10	0.26	7.5	4	3	70
H806363		4.11	0.115		0.5	1.40	72	<10	420	0.5	3	0.83	7.3	11	9	39
H806364		1.81	0.337		5.4	0.45	264	<10	140	0.7	5	0.35	25.6	7	3	114
H806365		3.47	0.899		14.7	0.44	340	<10	360	<0.5	18	0.15	12.0	3	3	63
H806366		2.63	0.287		4.7	0.53	268	<10	580	0.7	7	0.88	15.2	8	3	94
H806367		8.34	0.287		1.1	0.60	139	<10	380	0.7	4	2.07	7.6	7	3	38
H806368		5.67	0.254		1.3	0.52	311	<10	390	0.7	3	2.23	1.4	7	3	28
H806369		2.00	0.645		9.1	0.67	1820	<10	230	1.3	5	0.53	70.3	3	2	206
H806370		1.40	0.025		0.4	0.67	222	<10	990	1.0	3	0.76	94.0	12	4	25
H806371		1.62	1.200		19.4	0.74	1290	<10	250	<0.5	5	0.14	6.2	1	2	136
H806372		3.12	1.810		18.0	0.38	1530	<10	190	<0.5	10	0.08	4.4	1	1	43
H806373		3.39	0.185		2.1	0.68	148	<10	480	0.8	3	1.58	47.5	9	4	65
H806374		5.57	0.107		2.1	0.53	233	<10	320	0.8	5	2.50	13.7	12	3	52

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H806184		4.47	<10	<1	0.24	10	0.07	412	1	0.02	8	1020	159	0.10	<2	4
H806185		2.96	<10	<1	0.14	10	0.36	982	1	0.03	15	1270	62	0.11	<2	8
H806186		2.36	<10	1	0.30	10	0.58	571	<1	0.03	2	830	28	0.06	<2	6
H806187		2.18	<10	<1	0.27	10	0.67	594	<1	0.02	4	860	70	0.02	<2	7
H806188		2.16	<10	<1	0.28	10	0.69	559	1	0.03	9	720	43	0.17	<2	5
H806189		4.43	<10	<1	0.23	10	0.57	612	<1	0.03	6	870	35	0.11	4	8
H806190		3.42	<10	<1	0.32	10	0.08	144	4	0.02	4	560	450	0.27	8	3
H806191		2.02	<10	1	0.22	20	0.50	639	<1	0.02	8	790	38	0.03	<2	4
H806192		1.95	<10	<1	0.26	10	0.49	687	<1	0.02	11	730	26	0.04	<2	5
H806193		3.80	<10	1	0.31	10	0.09	329	8	<0.01	10	670	822	0.45	12	4
H806194		11.65	10	5	0.28	<10	0.02	50	5	0.02	<1	350	>10000	>10.0	260	4
H806195		2.03	<10	<1	0.32	10	0.02	49	7	0.01	1	300	3480	0.80	3	1
H806196		3.37	<10	<1	0.29	10	0.02	96	11	0.02	<1	390	443	1.04	8	1
H806198		2.52	<10	<1	0.37	20	0.15	1300	10	0.02	2	600	254	1.07	<2	2
H806199		2.91	<10	<1	0.32	20	0.12	1055	2	0.02	1	540	183	0.58	<2	2
H806200		3.59	<10	<1	0.26	20	0.13	730	1	0.02	2	550	51	0.33	<2	3
H806351		2.79	<10	<1	0.24	20	0.26	800	1	0.04	2	590	21	0.65	<2	4
H806352		3.22	<10	<1	0.28	20	0.25	1175	2	0.03	2	590	31	0.72	<2	4
H806353		2.95	<10	<1	0.25	20	0.03	235	1	0.01	1	280	289	0.38	<2	1
H806354		4.09	<10	<1	0.28	20	0.24	1165	2	0.02	2	560	220	0.75	14	4
H806355		4.76	<10	<1	0.26	20	0.05	2730	2	0.02	1	540	1130	0.32	5	3
H806356		2.93	<10	<1	0.23	20	0.52	1095	1	0.04	1	630	31	0.23	<2	5
H806357		2.55	<10	<1	0.15	20	0.47	820	1	0.02	2	620	28	0.09	<2	5
H806358		3.73	<10	<1	0.36	10	0.10	1575	4	0.01	<1	480	266	0.67	<2	1
H806359		3.01	<10	<1	0.28	20	0.45	1370	2	0.03	2	620	45	0.62	<2	4
H806360		4.79	<10	<1	0.29	10	0.20	2520	6	0.01	7	500	286	0.37	3	3
H806361		3.26	<10	<1	0.22	20	0.39	1230	4	0.01	5	660	57	0.17	<2	6
H806362		4.73	<10	<1	0.31	10	0.16	611	8	0.01	2	610	311	0.63	<2	3
H806363		3.34	<10	<1	0.21	20	0.67	1150	4	0.06	4	670	38	0.25	<2	6
H806364		4.00	<10	<1	0.27	20	0.07	3300	3	0.01	2	650	2260	0.18	2	5
H806365		3.35	<10	<1	0.32	20	0.04	1245	3	0.01	<1	430	1370	0.35	7	3
H806366		5.28	<10	<1	0.27	20	0.08	2940	4	0.01	1	560	636	0.21	2	5
H806367		2.93	<10	<1	0.33	20	0.26	1680	2	0.01	3	580	114	0.78	<2	5
H806368		2.97	<10	<1	0.27	20	0.27	2030	1	0.01	4	560	60	0.75	<2	5
H806369		4.98	<10	<1	0.31	10	0.17	873	2	0.01	1	490	1360	0.69	9	6
H806370		3.49	<10	<1	0.19	20	0.22	3480	3	0.01	3	690	136	0.12	<2	10
H806371		7.38	<10	<1	0.59	10	0.04	159	4	0.01	<1	620	4660	1.03	13	3
H806372		3.91	<10	<1	0.57	10	0.03	79	1	0.01	1	410	3190	1.25	13	1
H806373		3.42	<10	<1	0.35	30	0.36	2810	4	0.01	4	620	389	0.58	3	5
H806374		3.59	<10	<1	0.32	20	0.52	2370	<1	0.01	2	620	358	0.95	<2	5

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Pb-OG46	Pb-VOL70
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Ag	Pb	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.01
H806184		52	<20	<0.01	<10	<10	20	<10	834					
H806185		48	<20	<0.01	<10	<10	31	<10	1130					
H806186		90	<20	<0.01	<10	<10	27	<10	108					
H806187		192	<20	<0.01	<10	<10	34	<10	86					
H806188		118	<20	<0.01	<10	<10	26	<10	110					
H806189		101	<20	<0.01	<10	<10	36	<10	585					
H806190		76	<20	<0.01	<10	<10	19	<10	332					
H806191		129	<20	<0.01	<10	<10	16	<10	116					
H806192		170	<20	<0.01	<10	<10	26	<10	466					
H806193		46	<20	<0.01	<10	<10	21	<10	2520					
H806194		63	<20	<0.01	<10	<10	7	<10	2350	166			2.74	
H806195		22	<20	<0.01	<10	<10	4	<10	266					
H806196		12	<20	<0.01	<10	<10	3	<10	535					
H806198		20	<20	<0.01	<10	<10	10	<10	690					
H806199		33	<20	<0.01	<10	<10	14	<10	265					
H806200		20	<20	<0.01	<10	<10	23	<10	123					
H806351		42	<20	0.01	<10	<10	31	<10	80					
H806352		35	<20	<0.01	<10	<10	28	<10	149					
H806353		24	<20	<0.01	<10	<10	11	<10	231					
H806354		39	<20	<0.01	<10	<10	21	<10	565					
H806355		23	<20	<0.01	<10	<10	15	<10	2010					
H806356		55	<20	0.01	<10	<10	40	<10	228					
H806357		52	20	0.01	<10	<10	40	<10	164					
H806358		29	<20	<0.01	<10	<10	7	<10	331					
H806359		58	<20	<0.01	<10	<10	31	<10	170					
H806360		21	<20	<0.01	<10	<10	14	<10	404					
H806361		54	<20	0.01	<10	<10	40	<10	302					
H806362		19	<20	<0.01	<10	<10	21	<10	680					
H806363		42	<20	0.04	<10	<10	48	<10	434					
H806364		30	<20	<0.01	<10	<10	23	<10	1355					
H806365		38	<20	<0.01	<10	<10	12	<10	877					
H806366		31	<20	<0.01	<10	<10	17	<10	1560					
H806367		60	<20	<0.01	<10	<10	19	<10	380					
H806368		48	<20	<0.01	<10	<10	19	<10	159					
H806369		38	<20	<0.01	<10	10	14	<10	3140					
H806370		38	<20	<0.01	<10	<10	38	<10	5460					
H806371		31	<20	<0.01	<10	<10	14	<10	1350					
H806372		33	<20	<0.01	<10	<10	6	<10	326					
H806373		42	<20	<0.01	<10	<10	23	<10	2640					
H806374		50	<20	<0.01	<10	<10	18	<10	1415					

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
H806375		2.94	1.305		15.0	0.44	1530	<10	160	<0.5	21	0.52	39.6	4	2	189
H806376		6.20	0.607		2.1	0.71	902	<10	740	0.8	2	2.00	13.5	10	4	128
H806377		5.40	0.031		1.9	0.97	198	<10	330	0.5	3	1.39	6.5	8	7	176
H806378		4.96	0.304		3.0	0.89	598	<10	340	0.5	3	0.60	17.7	8	6	120
H806379		3.78	0.080		7.4	0.91	453	<10	390	0.9	49	0.20	20.1	7	4	265
H806380		3.72	2.66		32.6	0.41	4930	<10	250	<0.5	14	0.07	3.8	1	1	95
H806381		3.84	0.061		2.6	0.64	966	<10	1190	0.7	7	0.16	10.3	4	3	148
H806382		5.00	0.018		0.4	1.09	134	<10	260	0.7	2	0.37	25.8	10	6	66
H806383		5.30	0.027		1.5	0.92	58	<10	300	0.7	6	0.96	2.4	7	4	33
H806384		8.39	0.008		0.4	1.45	14	<10	300	0.5	4	1.47	1.2	7	7	13
H806385		6.80	0.008		0.3	1.36	33	<10	340	0.6	2	1.58	1.1	8	6	20
H806386		2.01	0.203		6.2	0.44	1010	<10	450	<0.5	9	0.07	1.3	3	2	22
H806387		4.32	0.018		0.6	1.15	114	<10	320	0.5	2	0.79	1.8	8	7	25
H806388		1.64	5.39		88.4	0.36	>10000	<10	420	<0.5	19	0.10	3.3	2	1	40
H806389		4.77	0.020		0.3	1.12	32	<10	330	<0.5	<2	0.78	0.8	6	9	22
H806390		2.43	0.033		0.8	1.35	108	<10	320	<0.5	4	0.66	0.6	8	9	25
H806391		0.18	3.21		>100	0.43	>10000	<10	20	<0.5	3	0.41	325	3	12	1630
H806392		3.71	0.019		0.5	1.37	32	<10	300	0.6	<2	0.52	2.8	8	6	27
H806393		1.63	0.250		10.4	0.69	3980	<10	380	<0.5	16	0.15	0.7	3	4	45
H806394		3.42	0.040		0.5	1.47	600	<10	330	0.7	2	0.87	3.2	9	6	25
H806395		7.44	0.119		1.2	1.18	182	<10	400	0.5	6	0.35	3.6	9	6	61
H806396		2.68	0.034		1.0	1.34	343	<10	380	0.9	2	0.35	18.6	10	6	68
H806397		6.38	1.220		59.6	0.31	2730	<10	350	<0.5	6	0.06	3.1	<1	2	42
H806398		3.60	0.118		2.2	0.69	2030	<10	450	0.6	3	0.19	18.9	3	3	83
H806399		0.58	0.009		<0.2	0.04	7	<10	10	<0.5	<2	18.9	<0.5	<1	2	1
H806400		5.45	0.021		0.4	1.18	61	<10	420	<0.5	<2	0.61	4.1	7	9	30
G0557701		4.66	0.017		0.2	1.27	62	<10	390	0.5	<2	0.55	7.7	6	8	10
G0557702		5.90	0.009		0.3	0.88	26	<10	650	0.7	<2	1.22	11.9	8	4	20
G0557703		3.78	0.040		1.3	0.38	60	<10	1610	0.5	2	2.40	21.8	4	3	72
G0557704		3.79	0.217		6.5	0.43	298	<10	600	<0.5	5	0.36	45.4	3	2	122
G0557705		2.60	0.033		1.3	0.50	70	<10	290	0.7	3	1.32	34.5	9	4	34
G0557706		5.44	0.034		0.7	0.78	45	<10	580	0.6	2	0.95	15.2	7	7	44
G0557707		2.77	0.006		0.3	1.07	20	<10	400	0.7	<2	0.25	28.2	9	6	31
G0557708		7.35	0.280		4.3	0.37	440	<10	400	<0.5	6	0.12	8.3	<1	2	58
G0557709		2.35	0.013		0.4	0.71	46	<10	380	0.9	<2	1.38	78.9	11	4	19
G0557710		7.05	0.016		0.9	0.58	47	<10	1420	0.6	2	3.31	8.3	7	4	33
G0557711		6.34	0.005		0.2	0.83	26	<10	1370	0.7	<2	2.18	6.2	6	5	11
G0557712		5.55	0.009		0.2	0.87	33	<10	1380	0.6	<2	0.75	1.8	7	7	13
G0557713		7.88	0.019		1.7	0.64	58	<10	490	0.5	<2	1.89	2.2	6	6	56
G0557714		5.69	0.011		0.4	0.88	34	<10	380	0.5	<2	1.29	1.9	7	8	22

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H806375		3.60	<10	<1	0.34	10	0.17	1185	3	0.01	1	390	1360	1.05	16	2
H806376		3.12	<10	1	0.23	20	0.18	1490	1	0.01	3	640	180	0.34	10	6
H806377		3.09	<10	<1	0.23	20	0.45	947	2	0.04	3	650	110	0.30	<2	6
H806378		3.17	<10	<1	0.20	20	0.31	953	1	0.03	2	640	306	0.33	<2	7
H806379		4.56	<10	<1	0.30	20	0.09	479	3	0.01	2	740	89	0.16	10	8
H806380		3.75	<10	1	0.48	10	0.03	56	4	0.01	<1	380	8350	0.81	45	2
H806381		4.09	<10	1	0.34	20	0.03	237	6	0.01	1	640	130	0.23	9	4
H806382		3.75	<10	<1	0.20	20	0.28	1335	3	0.02	3	660	50	0.02	<2	8
H806383		2.94	<10	<1	0.26	20	0.24	1335	3	0.02	2	570	37	0.13	<2	5
H806384		2.59	<10	<1	0.16	20	0.64	644	<1	0.04	2	580	37	0.02	<2	5
H806385		2.67	<10	<1	0.19	20	0.52	788	<1	0.03	3	600	21	0.04	<2	5
H806386		1.61	<10	<1	0.33	20	0.03	121	1	0.01	1	320	729	0.12	46	1
H806387		2.82	10	<1	0.21	20	0.48	866	<1	0.05	2	650	39	0.10	<2	6
H806388		4.11	<10	1	0.29	10	0.03	60	2	0.01	2	360	4060	0.28	144	1
H806389		2.67	<10	<1	0.20	20	0.60	716	1	0.07	2	590	36	0.23	<2	4
H806390		2.85	<10	1	0.21	20	0.71	628	1	0.07	3	620	59	0.30	<2	5
H806391		14.1	10	2	0.17	<10	0.18	1500	1	0.01	10	140	>10000	>10.0	559	1
H806392		3.00	<10	<1	0.24	20	0.54	1150	<1	0.03	3	590	31	0.07	2	5
H806393		5.35	<10	<1	0.56	20	0.10	132	1	0.03	<1	740	3000	0.99	12	4
H806394		3.99	10	<1	0.22	20	0.40	1060	<1	0.03	3	650	32	0.10	<2	6
H806395		3.08	10	<1	0.27	20	0.44	615	4	0.04	3	590	50	0.12	<2	5
H806396		4.23	<10	<1	0.31	30	0.41	1070	3	0.03	3	710	104	0.24	3	7
H806397		2.46	<10	1	0.31	10	0.02	42	2	0.01	<1	460	>10000	0.50	32	1
H806398		4.96	<10	1	0.28	20	0.12	346	3	0.02	<1	610	310	0.26	5	4
H806399		0.34	<10	<1	0.03	<10	11.60	170	<1	0.02	1	190	14	<0.01	<2	<1
H806400		3.03	<10	<1	0.25	20	0.58	569	2	0.10	1	630	69	0.11	<2	5
G0557701		2.52	<10	<1	0.18	20	0.49	559	<1	0.04	1	600	24	0.02	<2	5
G0557702		2.61	<10	<1	0.24	20	0.18	995	1	0.02	1	520	30	0.07	<2	6
G0557703		2.37	<10	<1	0.23	10	0.07	1700	2	0.02	<1	390	51	0.18	10	3
G0557704		5.28	<10	1	0.31	20	0.07	1245	4	0.01	<1	500	483	0.33	6	2
G0557705		3.62	<10	<1	0.30	20	0.22	2790	3	0.01	1	580	65	0.82	<2	5
G0557706		3.15	<10	<1	0.27	20	0.23	1190	2	0.05	1	610	39	0.13	<2	7
G0557707		3.93	<10	<1	0.28	20	0.23	1845	<1	0.03	1	610	40	0.04	<2	8
G0557708		4.58	<10	<1	0.34	20	0.03	181	<1	0.01	<1	430	260	0.34	5	2
G0557709		3.79	<10	<1	0.28	30	0.07	3280	<1	0.02	1	870	26	0.04	<2	5
G0557710		3.23	<10	<1	0.24	20	0.40	1425	<1	0.03	<1	580	50	0.23	3	6
G0557711		3.19	<10	<1	0.24	20	0.23	1395	1	0.03	1	640	35	0.12	<2	8
G0557712		2.95	<10	<1	0.21	20	0.27	639	1	0.05	1	630	25	0.11	<2	6
G0557713		3.20	<10	<1	0.26	20	0.20	1255	1	0.03	1	610	695	0.39	<2	5
G0557714		2.92	<10	1	0.21	20	0.41	811	<1	0.05	1	610	55	0.10	<2	6

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Pb-OG46	Pb-VOL70
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Ag	Pb	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.01
H806375		24	<20	<0.01	<10	<10	8	<10	2630					
H806376		40	<20	<0.01	<10	<10	29	<10	1235					
H806377		53	<20	0.02	<10	<10	41	<10	531					
H806378		23	<20	0.02	<10	<10	45	<10	1040					
H806379		24	<20	0.01	<10	<10	34	<10	1350					
H806380		48	<20	<0.01	<10	<10	7	<10	303					
H806381		33	<20	<0.01	<10	<10	24	<10	1360					
H806382		18	<20	0.01	<10	<10	45	<10	2080					
H806383		25	<20	0.01	<10	<10	28	<10	209					
H806384		55	<20	0.02	<10	<10	45	<10	199					
H806385		49	<20	0.01	<10	<10	40	<10	157					
H806386		35	<20	<0.01	<10	<10	5	<10	176					
H806387		25	<20	0.03	<10	<10	46	<10	243					
H806388		67	<20	<0.01	<10	<10	6	<10	289					
H806389		39	<20	0.05	<10	<10	46	<10	135					
H806390		54	<20	0.06	<10	<10	53	<10	113					
H806391		18	<20	<0.01	<10	<10	14	160	>10000	423	3.32		2.99	
H806392		22	<20	0.03	<10	<10	44	<10	388					
H806393		39	<20	0.01	<10	<10	26	<10	192					
H806394		37	<20	0.02	<10	<10	46	<10	299					
H806395		39	<20	0.03	<10	<10	41	<10	340					
H806396		35	<20	0.02	<10	<10	43	<10	1590					
H806397		43	<20	<0.01	<10	<10	5	<10	281				2.07	
H806398		28	<20	<0.01	<10	<10	27	<10	1735					
H806399		58	<20	<0.01	<10	10	2	<10	17					
H806400		38	<20	0.06	<10	<10	49	<10	373					
G0557701		52	20	0.05	<10	<10	46	<10	673					
G0557702		24	20	0.01	<10	<10	29	<10	920					
G0557703		54	<20	<0.01	<10	<10	18	<10	1385					
G0557704		21	<20	<0.01	<10	<10	13	<10	3190					
G0557705		29	<20	<0.01	<10	<10	24	<10	2450					
G0557706		33	<20	0.02	<10	<10	37	<10	1030					
G0557707		17	20	0.04	<10	<10	47	<10	2670					
G0557708		30	<20	<0.01	<10	<10	12	<10	872					
G0557709		21	<20	<0.01	<10	<10	27	<10	3000					
G0557710		67	<20	<0.01	<10	<10	31	<10	724					
G0557711		43	<20	0.01	<10	<10	41	<10	449					
G0557712		51	<20	0.03	<10	<10	39	<10	199					
G0557713		60	<20	<0.01	<10	<10	29	<10	256					
G0557714		36	<20	0.03	<10	<10	43	<10	196					

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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1016 - 510 W HASTINGS STREET
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Project: Klaza

Finalized Date: 21-JUL-2010
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CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
G0557715		3.90	0.013		0.9	0.78	76	<10	490	0.8	<2	0.82	10.3	9	4	119
G0557716		2.99	0.029		1.8	0.61	178	<10	380	0.7	2	0.25	14.7	5	4	105
G0557717		4.15	0.079		1.2	0.81	123	<10	260	0.6	2	0.16	30.1	5	5	91
G0557718		6.41	3.95		>100	0.27	1615	<10	100	<0.5	15	0.02	5.9	<1	5	127
G0557719		6.34	2.04		>100	0.30	8690	<10	20	<0.5	24	0.02	15.2	1	3	77
G0557720		4.63	0.113		5.0	0.61	550	<10	290	<0.5	4	0.16	0.6	2	3	58
G0557721		6.27	0.014		1.3	1.13	64	<10	370	<0.5	<2	0.80	<0.5	6	9	21
G0557722		4.97	0.015		0.9	0.64	48	<10	1620	0.8	<2	0.78	<0.5	7	5	22
G0557723		3.54	0.016		0.6	0.60	44	<10	290	0.7	2	0.75	0.6	7	3	16
G0557724		4.31	0.048		1.3	0.27	66	30	190	<0.5	2	0.31	<0.5	14	6	11
G0557725		4.72	0.037		0.7	0.47	40	<10	860	<0.5	<2	2.31	1.4	7	2	14
G0557726		2.32	0.010		0.3	1.36	31	<10	320	0.7	<2	0.73	0.5	5	6	10
G0557727		3.96	0.005		<0.2	1.17	15	<10	250	<0.5	<2	0.52	0.7	5	7	8
G0557728		4.72	0.031		0.2	1.16	19	<10	310	<0.5	<2	0.31	1.0	5	8	15
G0557729		0.99		2.24	>100	0.04	164	<10	10	<0.5	49	0.01	73.5	<1	<1	105
G0557730		1.86	0.020		3.0	1.13	26	<10	390	<0.5	<2	0.86	1.4	9	8	63
G0557731		3.77	0.133		13.4	0.39	249	<10	190	<0.5	7	0.02	<0.5	3	2	25
G0557732		3.81	0.300		6.2	0.35	257	<10	110	<0.5	10	0.04	<0.5	1	2	122
G0557733		1.92	1.080		16.2	0.43	264	<10	110	<0.5	40	0.03	<0.5	2	6	80
G0557734		2.88	0.304		5.3	0.43	307	<10	270	0.5	10	0.13	3.8	4	3	263
G0557735		0.26	>10.0	14.95	7.6	0.43	479	<10	40	<0.5	<2	0.15	<0.5	7	27	47
G0557736		7.79	0.053		0.2	1.10	27	<10	560	0.5	<2	1.23	1.3	15	8	64
G0557737		4.09	0.450		1.2	0.44	169	<10	340	<0.5	22	0.04	<0.5	13	3	65
G0557738		3.47	0.083		0.6	0.84	29	<10	670	<0.5	<2	0.84	1.0	16	7	91
G0557739		4.05	1.145		21.2	0.50	245	<10	170	<0.5	34	0.23	1.8	5	4	162
G0557740		6.16	0.025		1.1	0.85	42	<10	400	0.5	<2	0.99	2.3	8	7	139
G0557741		2.88	0.044		1.5	0.59	104	<10	350	0.7	2	1.23	6.9	5	4	50
G0557742		7.70	0.018		0.4	0.85	89	<10	520	0.6	<2	0.99	12.6	6	6	68
G0557743		1.86	2.12		12.7	0.47	1185	<10	250	<0.5	11	0.08	22.4	<1	3	85
G0557744		2.96	0.129		1.8	0.84	179	<10	620	0.7	<2	0.17	20.4	9	4	238
G0557745		5.55	0.036		0.4	1.02	49	<10	480	0.5	<2	0.85	1.7	6	8	23
G0557746		1.61	0.667		3.3	0.45	474	<10	70	<0.5	11	0.04	<0.5	1	3	95
G0557747		4.97	0.051		1.1	1.25	88	<10	210	<0.5	<2	0.80	1.7	7	8	109
G0557748		4.06	0.090		4.7	1.30	323	<10	490	0.7	<2	0.35	4.4	10	8	135
G0557749		1.80	0.192		9.3	0.84	734	<10	450	0.5	4	0.09	1.6	4	4	418
G0557750		5.07	1.140		34.5	0.54	3580	<10	180	<0.5	12	0.06	1.3	<1	2	133
G0557751		0.67	0.012		0.4	0.03	31	<10	10	<0.5	<2	18.5	<0.5	<1	1	1
G0557752		1.71	0.054		1.3	1.23	42	<10	290	<0.5	<2	1.04	0.7	7	8	111

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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

Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G0557715		3.16	<10	<1	0.29	20	0.14	1295	1	0.02	1	680	59	0.23	5	5
G0557716		4.16	<10	<1	0.28	20	0.13	954	7	0.02	<1	740	318	0.15	2	6
G0557717		4.36	<10	<1	0.32	20	0.15	958	5	0.02	<1	740	240	0.35	<2	5
G0557718		3.93	<10	1	0.52	10	0.01	44	1	0.02	<1	170	>10000	3.82	260	1
G0557719		7.90	<10	1	0.39	<10	0.01	51	1	0.01	<1	90	>10000	9.5	260	1
G0557720		5.30	<10	<1	0.60	20	0.06	137	1	0.03	<1	430	840	1.03	5	3
G0557721		2.65	<10	<1	0.24	20	0.54	606	<1	0.08	2	610	270	0.11	<2	4
G0557722		3.24	<10	1	0.24	30	0.07	1050	1	0.02	1	600	121	0.10	<2	8
G0557723		2.89	<10	<1	0.27	20	0.06	1120	2	0.01	1	580	55	0.09	2	6
G0557724		2.37	<10	<1	0.15	10	0.03	562	1	0.01	<1	550	79	1.04	<2	1
G0557725		2.16	<10	<1	0.28	10	0.17	1280	9	0.02	1	520	89	0.24	<2	1
G0557726		2.57	<10	<1	0.16	20	0.48	562	11	0.02	2	630	23	<0.01	<2	7
G0557727		2.66	<10	<1	0.16	20	0.44	581	<1	0.06	2	630	16	<0.01	<2	6
G0557728		3.06	<10	<1	0.18	10	0.46	580	1	0.05	2	640	18	<0.01	<2	5
G0557729		0.25	<10	1	0.01	<10	<0.01	15	<1	0.01	<1	30	>10000	>10.0	1980	<1
G0557730		2.64	<10	<1	0.15	10	0.60	582	1	0.06	1	650	548	0.30	2	5
G0557731		2.60	<10	<1	0.33	10	0.03	64	4	0.01	<1	250	2700	1.27	19	1
G0557732		4.62	<10	<1	0.49	10	0.02	105	314	0.01	<1	440	342	0.89	10	2
G0557733		3.36	<10	<1	0.36	10	0.03	98	235	0.01	1	210	409	1.54	8	1
G0557734		5.04	<10	<1	0.30	10	0.03	291	58	0.01	<1	570	613	0.50	25	3
G0557735		3.29	<10	2	0.28	10	0.07	148	6	0.01	14	500	44	2.17	27	2
G0557736		2.81	10	<1	0.21	20	0.49	733	9	0.05	2	620	14	0.47	<2	5
G0557737		4.49	<10	<1	0.44	20	0.02	91	3	0.03	<1	330	84	0.73	<2	1
G0557738		2.70	10	<1	0.24	20	0.42	651	2	0.06	1	610	11	0.47	<2	4
G0557739		3.32	<10	1	0.35	10	0.07	514	2	0.02	<1	340	432	1.49	38	3
G0557740		3.09	<10	<1	0.24	20	0.40	1225	4	0.05	1	630	37	0.44	<2	5
G0557741		4.12	<10	<1	0.33	20	0.35	1960	4	0.03	1	570	623	0.79	2	5
G0557742		2.54	<10	<1	0.20	20	0.34	905	2	0.05	1	520	39	0.18	5	6
G0557743		3.17	<10	1	0.37	20	0.03	137	5	0.02	<1	450	1895	0.34	52	2
G0557744		4.28	<10	<1	0.29	20	0.20	3340	7	0.03	1	650	163	0.24	11	6
G0557745		2.80	<10	<1	0.24	20	0.44	687	2	0.08	1	550	28	0.08	<2	5
G0557746		6.73	<10	<1	0.70	20	0.04	137	1	0.13	<1	640	203	2.28	2	2
G0557747		3.12	10	<1	0.24	20	0.55	713	4	0.07	2	610	29	0.34	2	6
G0557748		3.47	10	<1	0.25	30	0.41	939	13	0.03	3	750	217	0.22	10	8
G0557749		4.59	<10	<1	0.38	20	0.07	312	24	0.03	1	790	428	0.34	30	5
G0557750		5.17	<10	<1	0.81	10	0.03	85	47	0.04	1	490	502	1.44	95	2
G0557751		0.36	<10	<1	0.02	<10	11.50	162	<1	0.02	1	240	4	<0.01	<2	<1
G0557752		3.05	<10	<1	0.16	20	0.72	719	1	0.05	2	640	25	0.30	<2	6

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 21-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10089637

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Pb-OG46	Pb-VOL70
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Ag	Pb	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.01
G0557715		23	20	<0.01	<10	<10	25	<10	806					
G0557716		17	<20	0.01	<10	<10	28	<10	1315					
G0557717		11	<20	0.01	<10	<10	32	<10	1940					
G0557718		32	<20	<0.01	<10	<10	5	<10	100	387			9.82	
G0557719		18	<20	<0.01	<10	<10	5	<10	719	281			7.39	
G0557720		34	<20	0.01	<10	<10	22	<10	339					
G0557721		37	<20	0.07	<10	<10	46	<10	62					
G0557722		32	<20	<0.01	<10	<10	28	<10	77					
G0557723		17	<20	<0.01	<10	<10	21	<10	107					
G0557724		8	<20	<0.01	<10	<10	6	<10	81					
G0557725		32	<20	<0.01	<10	<10	10	<10	201					
G0557726		24	20	0.02	<10	<10	45	<10	139					
G0557727		27	<20	0.04	<10	<10	47	<10	112					
G0557728		23	<20	0.04	<10	<10	45	<10	127					
G0557729		22	<20	<0.01	<10	<10	1	<10	510	>1500		2440	>20.0	77.22
G0557730		37	<20	0.03	<10	<10	44	<10	113					
G0557731		12	<20	<0.01	<10	<10	7	<10	161					
G0557732		15	<20	<0.01	<10	<10	14	<10	557					
G0557733		12	<20	<0.01	<10	<10	8	<10	175					
G0557734		10	<20	<0.01	<10	<10	17	<10	682					
G0557735		8	<20	<0.01	<10	<10	17	<10	46					
G0557736		52	<20	0.01	<10	<10	40	<10	95					
G0557737		32	<20	<0.01	<10	<10	15	<10	93					
G0557738		53	<20	0.01	<10	<10	35	<10	108					
G0557739		16	<20	<0.01	<10	<10	14	<10	249					
G0557740		45	<20	0.02	<10	<10	40	<10	184					
G0557741		60	<20	<0.01	<10	<10	23	<10	793					
G0557742		44	20	0.02	<10	<10	36	<10	748					
G0557743		84	20	<0.01	<10	<10	8	<10	624					
G0557744		28	<20	0.01	<10	<10	34	<10	1585					
G0557745		41	20	0.05	<10	<10	42	<10	176					
G0557746		43	<20	<0.01	<10	<10	21	<10	85					
G0557747		37	<20	0.02	<10	<10	45	<10	183					
G0557748		21	<20	0.02	<10	<10	44	<10	457					
G0557749		20	<20	<0.01	<10	<10	32	<10	552					
G0557750		19	<20	<0.01	<10	<10	11	<10	141					
G0557751		50	<20	<0.01	<10	<10	2	<10	11					
G0557752		37	<20	0.02	<10	<10	44	<10	128					

Comments: Gold assay on sample G0557729 is reported by fire assay gravimetric method due to high silver content in the sample that may cause incomplete gold dissolution in aqua-regia solution.

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2010
Account: ROCKHA

CERTIFICATE WH10091909

Project: Klaza

P.O. No.: Batch 29

This report is for 18 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 23-JUL-2010
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CERTIFICATE OF ANALYSIS WH10091909

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558087		1.98	0.409	0.9	0.64	132	<10	200	<0.5	<2	0.14	1.0	3	3	217	4.48
G0558088		3.67	1.200	3.6	0.42	97	<10	290	<0.5	4	0.14	0.7	<1	3	102	2.49
G0558089		4.31	0.074	0.8	0.60	50	<10	380	0.7	<2	0.19	0.8	4	10	265	3.42
G0558090		5.36	0.268	3.1	0.45	147	<10	290	<0.5	2	0.16	1.9	2	3	99	3.08
G0558091		2.79	0.097	1.0	0.45	71	<10	250	<0.5	<2	0.17	1.1	2	2	169	3.31
G0558092		8.38	0.125	0.9	0.97	31	<10	850	0.5	<2	0.22	0.9	4	6	169	2.87
G0558093		8.55	0.034	0.7	0.80	17	<10	840	0.5	<2	0.24	1.3	5	6	156	2.59
G0558094		3.81	0.164	1.6	0.53	78	<10	1370	0.5	2	0.10	2.9	3	3	293	3.38
G0558095		2.32	0.088	1.1	1.16	22	<10	720	0.7	2	0.19	1.1	12	6	320	3.26
G0558096		3.12	0.065	0.9	0.89	34	<10	680	0.8	2	0.15	1.9	11	4	207	3.84
G0558097		3.44	0.097	0.8	0.54	58	<10	1150	0.9	<2	0.13	2.1	9	2	208	3.69
G0558098		2.87	3.57	1.4	0.54	43	<10	1320	0.7	2	0.13	5.6	12	2	196	3.46
G0558099		2.90	0.151	1.4	0.85	54	<10	850	0.6	5	0.17	2.1	8	4	164	3.49
G0558100		2.44	0.058	0.7	1.28	14	<10	500	0.5	<2	0.21	1.3	8	7	139	3.21
G0558101		4.37	0.099	1.1	0.69	39	<10	1010	0.7	3	0.16	2.9	5	13	249	3.96
G0558102		4.22	0.155	1.1	1.11	35	<10	870	0.5	7	0.17	1.9	7	6	202	3.62
G0558103		3.37	0.139	1.2	0.72	46	<10	1340	0.7	2	0.17	3.3	9	3	219	3.52
G0558104		3.91	0.155	2.7	0.58	124	<10	410	0.7	5	0.11	2.3	7	3	313	3.88

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Project: Klaza

Finalized Date: 23-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10091909

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558087		<10	<1	0.40	20	0.09	120	2	0.05	<1	680	32	0.63	4	3	123
G0558088		<10	<1	0.49	20	0.04	59	1	0.02	<1	430	213	0.69	6	2	139
G0558089		<10	<1	0.37	30	0.06	115	2	0.03	3	530	23	0.52	5	4	76
G0558090		<10	<1	0.41	20	0.05	174	2	0.01	<1	380	133	0.54	10	2	126
G0558091		<10	<1	0.45	30	0.04	160	1	0.02	<1	470	35	0.67	5	3	111
G0558092		<10	<1	0.24	20	0.40	197	2	0.04	1	540	27	0.24	2	4	72
G0558093		<10	<1	0.23	20	0.30	372	1	0.04	1	610	14	0.16	<2	4	55
G0558094		<10	<1	0.25	20	0.09	1155	2	0.02	<1	620	34	0.15	2	3	62
G0558095		<10	<1	0.18	20	0.57	311	1	0.03	3	580	28	0.06	<2	4	39
G0558096		<10	<1	0.23	30	0.30	457	2	0.02	2	620	34	0.07	4	4	30
G0558097		<10	<1	0.23	30	0.05	456	2	0.02	2	600	29	0.05	<2	3	46
G0558098		<10	<1	0.28	30	0.05	1075	7	0.01	3	630	85	0.17	3	3	52
G0558099		<10	<1	0.28	30	0.34	256	3	0.03	1	640	65	0.30	<2	3	60
G0558100		<10	<1	0.16	10	0.71	282	1	0.04	2	630	35	0.10	<2	4	27
G0558101		<10	<1	0.20	30	0.19	190	1	0.03	4	640	32	0.14	<2	3	62
G0558102		<10	1	0.19	20	0.56	212	2	0.04	1	630	32	0.10	<2	3	45
G0558103		<10	<1	0.19	20	0.22	325	1	0.02	1	590	40	0.13	2	3	64
G0558104		<10	<1	0.27	20	0.05	157	3	0.02	1	570	113	0.25	26	4	70

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CERTIFICATE OF ANALYSIS WH10091909

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
G0558087		<20	<0.01	<10	<10	17	<10	208
G0558088		<20	<0.01	<10	<10	6	<10	72
G0558089		<20	<0.01	<10	<10	16	<10	289
G0558090		<20	<0.01	<10	<10	8	<10	206
G0558091		<20	<0.01	<10	<10	8	<10	236
G0558092		<20	<0.01	<10	<10	26	<10	134
G0558093		<20	<0.01	<10	<10	24	<10	83
G0558094		<20	<0.01	<10	<10	13	<10	192
G0558095		<20	<0.01	<10	<10	30	<10	199
G0558096		<20	<0.01	<10	<10	23	<10	190
G0558097		<20	<0.01	<10	<10	15	<10	153
G0558098		<20	<0.01	<10	<10	17	<10	282
G0558099		<20	<0.01	<10	<10	24	<10	147
G0558100		<20	<0.01	<10	<10	35	<10	148
G0558101		<20	<0.01	<10	<10	16	<10	133
G0558102		<20	<0.01	<10	<10	30	<10	234
G0558103		<20	<0.01	<10	<10	20	<10	185
G0558104		<20	<0.01	<10	<10	16	<10	319

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VANCOUVER BC V6B 1L8

Finalized Date: 22-JUL-2010
Account: ROCKHA

CERTIFICATE WH10092630

Project: Klaza

P.O. No.: Batch 28

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 22-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092630

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558051		4.21	0.052	1.8	0.49	58	<10	680	<0.5	6	0.12	0.5	4	2	207	3.24
G0558052		4.43	0.064	1.1	0.50	55	<10	560	<0.5	2	0.09	<0.5	2	2	246	2.75
G0558053		5.18	0.034	1.5	0.42	70	<10	400	<0.5	2	0.12	<0.5	1	2	104	3.03
G0558054		6.03	0.065	1.8	0.50	85	<10	920	<0.5	3	0.07	<0.5	2	3	173	3.37
G0558055		5.01	0.059	5.4	0.44	191	<10	820	<0.5	9	0.06	<0.5	1	3	146	3.13
G0558056		4.29	0.340	10.9	0.44	154	<10	450	<0.5	27	0.04	<0.5	4	3	98	2.72
G0558057		4.34	0.055	2.9	0.43	134	<10	660	<0.5	4	0.07	<0.5	2	2	191	2.44
G0558058		7.78	0.007	0.2	0.56	8	<10	650	0.8	<2	0.68	2.1	8	6	64	2.30
G0558059		3.72	0.062	1.2	0.48	101	<10	750	0.5	<2	0.09	1.1	4	3	235	3.19
G0558060		3.82	0.059	1.2	0.40	122	<10	780	<0.5	3	0.05	0.6	3	2	211	2.73
G0558061		2.02	0.054	0.9	0.37	119	<10	470	<0.5	2	0.07	0.5	2	1	188	3.05
G0558062		4.05	0.052	0.9	0.46	94	<10	500	<0.5	3	0.11	<0.5	2	1	252	2.96
G0558063		1.48	0.182	2.7	0.41	113	<10	600	<0.5	10	0.07	<0.5	<1	2	128	3.55
G0558064		2.61	0.164	3.0	0.44	156	<10	270	<0.5	5	0.12	<0.5	2	1	120	5.42
G0558065		1.65	0.054	1.0	0.41	107	<10	840	<0.5	2	0.09	0.5	3	2	264	3.36
G0558066		2.86	0.063	0.5	0.71	56	<10	1400	0.7	2	0.12	0.8	7	3	279	4.21
G0558067		6.76	0.067	0.5	0.64	28	<10	1810	0.6	2	0.20	1.3	11	4	192	2.88
G0558068		4.02	0.421	1.5	0.47	131	<10	140	0.5	5	0.10	0.8	5	2	397	3.93
G0558069		3.82	0.145	1.1	0.51	45	<10	460	<0.5	4	0.17	1.0	10	3	241	3.48
G0558070		3.05	0.037	0.6	0.68	13	<10	1360	<0.5	2	0.10	<0.5	6	3	266	3.09
G0558071		3.95	0.211	1.0	0.49	53	<10	980	<0.5	3	0.06	0.6	2	4	168	2.99
G0558072		5.77	0.125	1.2	0.57	42	<10	1080	<0.5	4	0.08	1.1	2	4	173	2.86
G0558073		3.18	0.182	2.7	0.38	56	<10	540	<0.5	9	0.06	0.7	1	2	74	2.00
G0558074		4.70	0.946	2.5	0.47	61	<10	900	<0.5	20	0.09	0.7	4	2	249	3.25
G0558075		2.14	0.339	7.1	0.44	134	<10	350	<0.5	30	0.12	0.8	2	2	205	3.57
G0558076		4.15	0.099	1.5	0.49	71	<10	700	1.1	4	0.14	6.1	13	2	362	2.82
G0558077		3.67	0.462	3.6	0.43	111	<10	470	<0.5	17	0.09	<0.5	1	2	196	2.71
G0558078		7.82	0.109	1.4	0.57	50	<10	730	<0.5	3	0.08	<0.5	1	4	194	3.24
G0558079		7.49	0.254	2.0	0.47	77	<10	600	<0.5	3	0.10	0.5	2	4	194	3.27
G0558080		7.04	0.188	1.7	0.43	70	<10	570	<0.5	4	0.05	0.5	1	3	38	2.11
G0558081		7.48	0.080	0.7	0.82	62	<10	420	0.8	2	0.16	0.8	4	4	356	3.69
G0558082		8.60	0.104	1.4	0.42	89	<10	580	<0.5	5	0.05	<0.5	1	2	53	2.31
G0558083		9.05	0.223	1.1	0.50	42	<10	430	<0.5	3	0.04	0.5	2	4	105	2.55
G0558084		10.43	0.188	1.2	0.44	52	<10	350	<0.5	4	0.03	<0.5	1	2	18	1.80
G0558085		2.46	0.071	0.6	0.50	49	<10	280	0.5	<2	0.14	1.7	2	1	232	3.30
G0558086		6.64	0.058	0.3	1.24	7	<10	1660	<0.5	<2	0.18	0.5	2	6	137	2.89

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 22-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092630

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558051		<10	<1	0.35	30	0.05	76	14	0.02	1	760	47	0.41	3	2	92
G0558052		<10	<1	0.29	20	0.04	36	19	0.03	1	590	52	0.29	2	2	111
G0558053		<10	<1	0.46	20	0.04	31	5	0.02	<1	690	109	0.66	5	1	80
G0558054		<10	<1	0.33	20	0.04	41	5	0.01	<1	680	46	0.25	5	1	56
G0558055		<10	<1	0.33	30	0.04	37	11	0.01	<1	640	111	0.28	27	1	85
G0558056		<10	1	0.35	20	0.03	43	21	0.01	<1	470	213	0.62	45	1	92
G0558057		<10	<1	0.32	20	0.03	75	6	0.01	1	400	92	0.38	13	1	62
G0558058		<10	<1	0.23	20	0.07	899	<1	0.01	5	820	26	0.02	3	6	34
G0558059		<10	<1	0.24	20	0.07	257	4	0.01	4	610	39	0.09	16	2	26
G0558060		<10	<1	0.28	30	0.03	73	5	0.01	<1	390	45	0.22	8	1	33
G0558061		<10	<1	0.29	20	0.03	45	6	0.01	<1	470	36	0.31	2	1	26
G0558062		<10	<1	0.29	30	0.04	47	4	0.01	<1	610	24	0.32	<2	2	35
G0558063		<10	<1	0.40	20	0.04	50	2	0.01	<1	440	72	0.46	16	1	66
G0558064		<10	<1	0.52	20	0.05	47	3	0.01	<1	550	92	0.75	27	1	51
G0558065		<10	<1	0.24	30	0.03	95	1	0.01	1	580	35	0.14	<2	4	21
G0558066		<10	<1	0.21	20	0.07	224	1	0.02	<1	600	33	0.10	<2	4	68
G0558067		<10	<1	0.23	20	0.11	417	1	0.03	2	610	20	0.11	<2	4	84
G0558068		<10	<1	0.24	20	0.04	115	1	0.01	1	560	55	0.05	<2	3	16
G0558069		<10	<1	0.27	20	0.09	318	2	0.02	1	570	44	0.41	<2	3	57
G0558070		<10	<1	0.22	20	0.14	89	3	0.03	1	620	21	0.08	<2	4	61
G0558071		<10	<1	0.28	20	0.08	47	7	0.05	<1	460	32	0.27	<2	2	62
G0558072		<10	<1	0.30	30	0.07	94	2	0.04	<1	490	33	0.24	<2	3	81
G0558073		<10	<1	0.35	20	0.03	53	2	0.01	<1	270	167	0.34	<2	1	53
G0558074		<10	<1	0.33	20	0.05	94	3	0.02	<1	530	74	0.30	<2	2	82
G0558075		<10	<1	0.47	20	0.03	56	2	0.01	<1	580	548	0.60	3	2	115
G0558076		<10	<1	0.30	20	0.03	2210	1	0.01	4	790	46	0.13	<2	3	44
G0558077		<10	<1	0.31	20	0.03	60	6	0.02	2	300	71	0.22	9	1	45
G0558078		<10	1	0.31	20	0.06	48	1	0.07	1	590	50	0.34	2	2	115
G0558079		<10	<1	0.36	20	0.04	67	<1	0.04	<1	640	86	0.43	10	2	87
G0558080		<10	<1	0.42	20	0.03	41	1	0.02	<1	490	76	0.42	6	1	63
G0558081		<10	<1	0.41	20	0.10	103	1	0.03	<1	920	22	0.58	3	4	191
G0558082		<10	<1	0.33	20	0.03	22	2	0.02	<1	410	66	0.24	11	<1	53
G0558083		<10	<1	0.38	20	0.05	48	2	0.02	<1	420	54	0.28	<2	1	87
G0558084		<10	<1	0.41	20	0.03	16	1	0.02	<1	400	54	0.39	4	<1	102
G0558085		<10	<1	0.24	30	0.05	137	6	0.02	<1	610	30	0.18	7	2	51
G0558086		<10	<1	0.15	10	0.46	92	3	0.10	<1	630	14	0.09	<2	4	76

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

Project: Klaza

Finalized Date: 22-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092630

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
G0558051		20	<0.01	<10	<10	9	<10	90
G0558052		<20	<0.01	<10	<10	9	<10	77
G0558053		<20	<0.01	<10	<10	6	<10	42
G0558054		<20	<0.01	<10	<10	9	<10	62
G0558055		20	<0.01	<10	<10	7	<10	48
G0558056		20	<0.01	<10	<10	6	<10	31
G0558057		<20	<0.01	<10	<10	6	<10	55
G0558058		<20	<0.01	<10	<10	30	<10	122
G0558059		<20	<0.01	<10	<10	11	<10	108
G0558060		<20	<0.01	<10	<10	8	<10	82
G0558061		<20	<0.01	<10	<10	7	<10	82
G0558062		<20	<0.01	<10	<10	12	<10	79
G0558063		<20	<0.01	<10	<10	6	<10	49
G0558064		<20	<0.01	<10	<10	12	<10	44
G0558065		<20	<0.01	<10	<10	15	<10	99
G0558066		20	<0.01	<10	<10	14	<10	109
G0558067		<20	<0.01	<10	<10	18	<10	82
G0558068		<20	<0.01	<10	<10	12	<10	111
G0558069		<20	<0.01	<10	<10	13	<10	65
G0558070		<20	<0.01	<10	<10	17	<10	55
G0558071		<20	<0.01	<10	<10	11	<10	44
G0558072		<20	<0.01	<10	<10	12	<10	116
G0558073		<20	<0.01	<10	<10	5	<10	75
G0558074		<20	<0.01	<10	<10	10	<10	272
G0558075		<20	<0.01	<10	<10	8	<10	222
G0558076		<20	<0.01	<10	<10	8	<10	388
G0558077		<20	<0.01	<10	<10	6	<10	107
G0558078		<20	<0.01	<10	<10	11	<10	145
G0558079		<20	<0.01	<10	<10	9	<10	159
G0558080		<20	<0.01	<10	<10	5	<10	45
G0558081		20	<0.01	<10	<10	14	<10	189
G0558082		<20	<0.01	<10	<10	4	<10	58
G0558083		<20	<0.01	<10	<10	6	<10	136
G0558084		<20	<0.01	<10	<10	3	<10	32
G0558085		<20	<0.01	<10	<10	8	<10	127
G0558086		<20	<0.01	<10	<10	35	<10	60

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Finalized Date: 25-JUL-2010
Account: ROCKHA

CERTIFICATE WH10092631

Project: Klaza

P.O. No.: Batch 27

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 25-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092631

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
G0557837		2.99	1.440		11.1	0.31	2850	<10	230	<0.5	10	0.14	2.4	2	3	37
G0557838		2.35	0.039		0.9	0.59	168	<10	490	0.7	<2	1.60	10.6	7	5	98
G0557839		5.64	0.078		1.5	0.44	217	<10	560	0.6	<2	1.89	5.8	8	4	46
G0557840		1.79	0.157		1.8	0.43	609	<10	320	0.5	<2	1.91	7.0	7	3	39
G0557841		2.43	0.032		0.9	0.49	328	<10	880	0.8	<2	2.58	1.9	8	2	13
G0557842		4.62	0.018		0.7	0.50	50	<10	610	0.8	2	2.10	3.4	8	4	18
G0557843		3.51	2.26		46.0	0.37	1595	<10	410	<0.5	26	0.15	14.6	<1	3	314
G0557844		2.20	0.022		1.1	0.40	120	<10	710	0.7	<2	0.84	23.2	11	3	44
G0557845		2.59	0.182		10.8	0.32	914	<10	320	0.5	2	0.10	23.8	1	2	123
G0557846		1.35	0.391		4.4	0.34	2230	<10	380	0.6	<2	0.22	47.0	16	5	78
G0557847		5.07	0.121		1.8	0.48	997	<10	1350	0.7	2	1.23	53.9	12	23	131
G0557848		1.61	>10.0	19.80	>100	0.39	>10000	<10	400	<0.5	5	0.12	41.2	<1	7	150
G0557849		8.85	0.585		3.4	0.51	1025	<10	460	0.8	4	0.14	41.5	14	14	298
G0557850		2.13	0.471		9.4	0.41	1375	<10	690	<0.5	4	0.08	3.4	1	2	328
G0557851		1.97	5.87		49.6	0.30	7330	<10	490	<0.5	4	0.12	3.3	<1	2	130
G0557852		2.24	0.397		22.3	0.26	2070	<10	200	<0.5	6	0.07	0.7	<1	2	16
G0557853		1.88	2.52		>100	0.32	2740	<10	470	<0.5	6	0.12	4.2	<1	3	47
G0557854		3.05	0.137		5.3	0.64	910	<10	1260	0.9	<2	0.27	33.3	12	3	142
G0557855		2.38	2.31		48.7	0.38	3660	<10	300	<0.5	14	0.17	4.7	<1	4	186
G0557856		1.15	0.764		21.0	0.27	2650	<10	220	<0.5	14	0.08	0.9	<1	3	22
G0557857		1.31	0.094		3.1	0.34	647	<10	220	<0.5	6	0.20	0.6	<1	2	75
G0557858		0.56	0.006		0.2	0.04	11	<10	20	<0.5	<2	19.4	<0.5	<1	1	1
G0557859		4.13	0.044		1.2	0.50	410	<10	830	0.8	<2	0.88	14.5	7	3	65
G0557860		1.28	0.040		2.1	0.49	249	<10	540	0.7	<2	0.21	87.0	8	3	315
G0557861		2.01	1.550		57.5	0.29	1640	<10	240	<0.5	12	0.20	26.3	<1	1	147
G0557862		1.10	0.028		1.8	0.47	130	<10	610	0.5	2	0.49	100.0	7	3	166
G0557863		3.36	0.033		1.8	0.52	127	<10	630	<0.5	3	0.62	9.3	5	4	138
G0557864		0.95	0.095		2.9	0.40	92	<10	360	<0.5	4	0.15	10.9	5	2	91
G0557865		1.60	0.177		45.3	0.21	175	<10	320	<0.5	55	0.09	0.6	<1	1	103
G0557866		0.95	0.031		1.7	0.52	172	<10	300	0.7	3	0.19	26.9	10	2	326
G0557867		0.16	>10.0	15.15	9.4	0.29	444	<10	30	<0.5	<2	0.14	<0.5	7	25	48
G0557868		10.37	0.025		2.0	0.69	92	<10	320	0.5	4	0.61	4.3	6	7	108
G0557869		3.46	0.013		4.3	0.47	759	<10	490	0.6	<2	0.17	15.2	10	15	78
G0557870		1.15	0.246		8.9	0.24	1780	<10	760	<0.5	5	0.07	1.5	<1	2	19
G0557871		5.79	0.044		3.1	0.57	183	<10	410	0.5	2	0.44	10.3	7	4	114
G0557872		3.57	0.010		0.3	0.75	31	<10	500	<0.5	<2	0.88	9.0	6	7	21

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

Project: Klaza

Finalized Date: 25-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092631

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G0557837		5.34	<10	<1	0.49	10	0.04	256	3	0.01	<1	810	1295	0.89	12	4
G0557838		3.73	<10	<1	0.19	20	0.10	1355	1	0.01	<1	600	136	0.23	3	7
G0557839		2.86	<10	<1	0.23	20	0.14	1490	2	0.01	<1	630	257	0.31	4	6
G0557840		2.70	<10	<1	0.25	20	0.14	2060	2	0.01	<1	610	248	0.46	7	4
G0557841		2.09	<10	<1	0.16	20	0.18	1145	2	0.01	<1	560	82	0.11	3	7
G0557842		2.99	<10	<1	0.23	20	0.24	1205	2	0.01	<1	610	106	0.15	3	7
G0557843		5.36	<10	<1	0.29	10	0.03	111	4	0.01	2	640	2060	0.44	54	3
G0557844		3.69	<10	<1	0.22	20	0.04	4930	1	0.01	4	610	58	0.15	6	5
G0557845		4.35	<10	1	0.22	20	0.03	299	1	0.01	<1	650	2900	0.27	16	3
G0557846		4.16	<10	<1	0.22	10	0.02	8070	2	0.01	14	650	381	0.09	14	3
G0557847		3.90	<10	<1	0.24	20	0.14	4570	<1	0.01	19	700	506	0.10	2	4
G0557848		4.83	<10	1	0.35	10	0.02	209	5	0.01	1	730	>10000	0.58	164	3
G0557849		4.53	<10	<1	0.21	20	0.04	3680	1	0.01	15	670	400	0.08	12	4
G0557850		4.31	<10	<1	0.30	20	0.02	172	1	0.01	<1	560	313	0.25	57	3
G0557851		3.45	<10	<1	0.31	20	0.02	123	1	0.01	<1	580	1910	0.39	201	3
G0557852		1.68	<10	<1	0.30	20	0.02	68	1	0.01	<1	350	1815	0.28	99	1
G0557853		2.59	<10	<1	0.32	20	0.02	62	4	0.01	<1	850	6760	0.51	548	2
G0557854		2.64	<10	<1	0.20	10	0.03	2080	<1	0.01	4	1100	100	0.06	12	4
G0557855		4.53	<10	<1	0.40	10	0.03	90	1	0.01	1	860	6100	0.88	98	3
G0557856		3.30	<10	<1	0.66	10	0.02	39	2	0.01	<1	410	2840	1.05	25	1
G0557857		5.41	<10	<1	0.57	10	0.03	68	1	0.01	<1	290	176	0.94	12	1
G0557858		0.33	<10	<1	0.02	<10	11.10	146	<1	0.01	<1	270	15	<0.01	<2	<1
G0557859		3.03	<10	<1	0.22	20	0.06	1210	<1	0.01	3	870	116	0.10	4	4
G0557860		4.52	<10	<1	0.26	20	0.03	3760	<1	0.01	2	620	164	0.16	10	4
G0557861		6.69	<10	1	0.45	10	0.04	99	2	0.01	<1	480	5870	0.97	32	1
G0557862		3.70	<10	<1	0.25	20	0.03	3230	1	0.02	2	560	156	0.28	4	4
G0557863		3.30	<10	<1	0.22	20	0.11	1620	1	0.03	1	580	92	0.23	2	4
G0557864		4.35	<10	<1	0.31	20	0.03	3540	2	0.01	1	550	168	0.30	<2	3
G0557865		3.03	<10	<1	0.37	10	0.02	79	1	0.02	<1	310	720	0.58	26	2
G0557866		5.60	<10	<1	0.29	20	0.04	3850	1	0.02	2	650	70	0.20	4	4
G0557867		3.10	<10	2	0.18	10	0.06	132	5	0.01	13	490	7	2.15	25	1
G0557868		2.94	<10	<1	0.19	20	0.19	1360	1	0.03	2	580	82	0.19	5	4
G0557869		5.12	<10	<1	0.24	10	0.03	2150	2	0.01	14	630	1020	0.14	6	4
G0557870		2.13	<10	<1	0.29	10	0.02	78	1	0.02	<1	400	3040	0.36	23	1
G0557871		4.01	<10	<1	0.23	20	0.10	2100	2	0.03	1	660	118	0.27	3	5
G0557872		2.59	<10	<1	0.19	20	0.29	839	1	0.05	2	600	82	0.04	<2	6

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 25-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092631

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001
G0557837		97	<20	<0.01	<10	<10	12	<10	469		
G0557838		34	<20	<0.01	<10	<10	36	<10	1160		
G0557839		40	<20	<0.01	<10	<10	25	<10	663		
G0557840		42	<20	<0.01	<10	<10	16	<10	994		
G0557841		78	<20	<0.01	<10	<10	22	<10	253		
G0557842		46	<20	<0.01	<10	<10	28	<10	461		
G0557843		132	<20	<0.01	<10	<10	9	<10	812		
G0557844		32	<20	<0.01	<10	<10	24	<10	1720		
G0557845		64	<20	<0.01	<10	<10	8	<10	1090		
G0557846		51	<20	<0.01	<10	<10	11	10	3630		
G0557847		43	<20	<0.01	<10	<10	26	10	3270		
G0557848		170	<20	<0.01	<10	<10	8	<10	1090	135	1.380
G0557849		23	<20	<0.01	<10	<10	23	<10	2600		
G0557850		35	<20	<0.01	<10	<10	13	<10	758		
G0557851		55	<20	<0.01	<10	<10	7	<10	378		
G0557852		29	<20	<0.01	<10	<10	4	<10	146		
G0557853		98	<20	<0.01	<10	<10	8	<10	266	233	
G0557854		29	<20	<0.01	<10	<10	14	<10	2250		
G0557855		55	<20	<0.01	<10	<10	9	<10	480		
G0557856		19	<20	<0.01	<10	<10	4	<10	64		
G0557857		25	<20	<0.01	<10	<10	13	<10	253		
G0557858		63	<20	<0.01	<10	<10	2	<10	13		
G0557859		29	<20	<0.01	<10	<10	18	<10	1070		
G0557860		18	<20	<0.01	<10	<10	16	10	4130		
G0557861		30	<20	<0.01	<10	<10	6	<10	1630		
G0557862		17	<20	<0.01	<10	<10	20	<10	3890		
G0557863		29	<20	<0.01	<10	<10	25	<10	893		
G0557864		14	<20	<0.01	<10	<10	13	<10	721		
G0557865		40	<20	<0.01	<10	<10	5	<10	162		
G0557866		23	<20	<0.01	<10	<10	20	<10	1550		
G0557867		7	<20	<0.01	<10	<10	13	<10	48		
G0557868		32	<20	0.01	<10	<10	28	<10	532		
G0557869		38	<20	<0.01	<10	<10	19	<10	2030		
G0557870		53	<20	<0.01	<10	<10	4	<10	254		
G0557871		22	<20	0.01	<10	<10	29	<10	979		
G0557872		28	<20	0.03	<10	<10	41	<10	516		

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

Finalized Date: 25-JUL-2010
Account: ROCKHA

CERTIFICATE WH10092632

Project: Klaza

P.O. No.: Batch 26

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 25-JUL-2010
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CERTIFICATE OF ANALYSIS WH10092632

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G0557801		4.58	0.009		0.4	1.33	26	<10	890	0.6	<2	2.23	1.7	10	41	72
G0557802		5.38	0.107		3.3	0.69	151	<10	730	0.6	5	0.75	5.0	10	16	1245
G0557803		3.60	0.042		1.9	0.58	79	<10	540	0.5	11	0.46	6.5	11	7	1745
G0557804		2.34	0.133		9.5	0.53	627	<10	430	<0.5	27	0.10	6.1	7	9	1060
G0557805		2.98	0.105		16.2	0.31	379	<10	830	<0.5	96	0.03	<0.5	<1	6	25
G0557806		3.82	0.179		11.0	0.31	245	<10	170	<0.5	21	0.05	<0.5	<1	5	23
G0557807		2.77	1.040		10.3	0.40	380	<10	670	<0.5	12	0.08	0.8	1	5	19
G0557808		2.28	0.062		1.5	0.69	76	<10	300	0.8	2	0.35	5.7	8	6	125
G0557809		2.15	0.005		0.2	0.65	13	<10	370	0.8	<2	2.96	1.1	5	5	17
G0557810		3.30	0.010		<0.2	0.63	11	<10	930	0.8	<2	3.27	2.9	5	5	5
G0557811		1.65	0.011		0.3	0.67	53	<10	940	1.0	<2	2.72	7.4	7	4	31
G0557812		1.10	3.35		9.1	0.56	>10000	<10	200	0.7	4	0.53	51.9	5	4	54
G0557813		1.58	2.43		6.5	0.62	8390	<10	510	0.9	4	0.65	43.1	4	5	47
G0557814		3.84	0.009		0.2	0.69	61	<10	1140	0.8	<2	1.17	13.8	6	4	21
G0557815		2.41	0.144		2.2	0.72	372	<10	370	0.7	<2	0.36	23.7	5	7	61
G0557816		2.41	>10.0	12.50	>100	0.60	8310	<10	170	0.5	68	0.16	19.8	<1	4	174
G0557817		1.33	0.079		2.9	0.47	484	<10	160	0.5	5	0.29	18.0	5	4	72
G0557818		2.61	0.132		3.1	0.55	121	<10	340	0.5	3	1.14	8.8	8	4	36
G0557819		2.45	0.268		4.1	0.58	383	<10	100	0.6	3	2.05	10.4	7	5	88
G0557820		5.55	0.028		0.7	0.64	79	<10	1570	0.7	<2	2.01	3.8	7	5	69
G0557821		3.98	0.344		2.2	0.58	620	<10	220	0.6	7	1.16	4.4	9	4	88
G0557822		2.97	0.033		0.7	0.99	47	<10	1130	0.6	<2	1.54	5.1	6	7	74
G0557823		2.95	0.090		3.0	0.65	179	<10	570	0.8	<2	2.66	19.0	10	3	135
G0557824		3.87	7.09		>100	0.34	2100	<10	170	<0.5	8	1.20	37.1	<1	2	372
G0557825		2.48	0.021		1.1	0.61	134	<10	700	1.0	<2	1.30	16.8	8	3	146
G0557826		5.50	0.101		2.8	0.54	166	<10	1500	0.9	<2	1.77	26.4	6	3	92
G0557827		1.97	0.730		11.9	0.46	739	<10	550	0.7	3	1.02	124.0	5	2	414
G0557828		4.31	0.662		17.9	0.38	836	<10	320	<0.5	6	0.17	27.2	3	26	177
G0557829		2.72	0.076		4.7	0.47	119	<10	500	0.8	2	2.45	53.7	7	3	113
G0557830		1.96	0.218		3.3	0.48	127	<10	460	0.9	<2	2.02	21.9	7	3	63
G0557831		3.19	0.146		2.6	0.46	208	<10	600	0.7	<2	0.34	14.6	7	11	202
G0557832		4.91	0.873		39.0	0.35	573	<10	220	<0.5	11	0.17	10.1	3	5	142
G0557833		2.63	0.016		1.1	0.47	70	<10	540	0.7	<2	1.57	10.0	5	3	239
G0557834		3.39	0.411		3.7	0.53	453	<10	270	0.8	3	1.19	11.0	8	11	61
G0557835		7.95	0.269		2.1	0.48	268	<10	480	0.6	<2	2.68	11.4	6	3	26
G0557836		2.14	0.961		1.8	0.47	2140	<10	490	0.7	<2	0.65	15.7	6	2	34

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CERTIFICATE OF ANALYSIS WH10092632

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G0557801		2.79	<10	<1	0.27	20	0.60	1325	<1	0.02	19	690	19	0.02	2	4
G0557802		4.21	<10	<1	0.28	10	0.13	1405	1	0.01	12	660	51	0.22	9	3
G0557803		3.97	<10	<1	0.30	20	0.05	1910	1	0.01	4	840	59	0.48	7	3
G0557804		4.55	<10	<1	0.35	10	0.04	1350	2	0.01	2	790	315	0.25	20	2
G0557805		1.34	<10	<1	0.36	10	0.02	49	2	0.01	<1	260	244	0.29	13	1
G0557806		1.37	<10	<1	0.35	10	0.03	54	1	0.01	<1	190	527	0.30	9	1
G0557807		2.74	<10	1	0.35	10	0.03	65	2	0.01	<1	430	1310	0.32	9	2
G0557808		3.06	<10	<1	0.21	10	0.05	360	<1	0.02	7	720	107	0.06	7	6
G0557809		2.26	<10	<1	0.26	20	0.38	589	<1	0.02	3	790	13	<0.01	3	7
G0557810		2.16	<10	<1	0.26	20	0.27	616	<1	0.02	2	810	20	0.01	4	7
G0557811		2.76	<10	<1	0.25	10	0.15	780	<1	0.02	4	840	22	0.02	4	7
G0557812		4.12	<10	1	0.18	10	0.07	627	2	0.02	7	500	1570	1.07	77	3
G0557813		3.62	<10	1	0.19	10	0.09	753	1	0.03	9	530	1180	0.76	52	3
G0557814		2.00	<10	<1	0.15	10	0.12	722	<1	0.03	10	690	30	0.04	3	4
G0557815		2.83	<10	<1	0.14	<10	0.06	800	2	0.03	11	500	326	0.02	5	3
G0557816		12.85	<10	4	0.22	<10	0.04	545	26	0.02	2	220	>10000	1.55	233	2
G0557817		3.12	<10	<1	0.25	20	0.04	1380	2	0.01	1	460	348	0.19	10	4
G0557818		3.45	<10	<1	0.21	20	0.13	1505	3	0.01	2	530	304	0.96	6	6
G0557819		5.27	<10	<1	0.25	10	0.41	6070	2	0.01	1	470	660	2.45	12	4
G0557820		2.80	<10	1	0.22	20	0.17	1230	2	0.02	1	550	59	0.21	11	7
G0557821		3.58	<10	1	0.27	20	0.11	1010	2	0.01	2	580	49	1.23	7	6
G0557822		2.73	<10	<1	0.23	20	0.28	909	4	0.03	2	640	78	0.08	11	7
G0557823		4.25	<10	1	0.30	20	0.30	3770	9	0.02	2	580	506	0.49	12	7
G0557824		5.24	<10	2	0.24	10	0.40	1095	2	0.02	<1	360	>10000	1.63	120	1
G0557825		2.90	<10	<1	0.31	10	0.06	1030	2	0.02	3	1130	195	0.09	3	4
G0557826		2.64	<10	<1	0.27	10	0.06	1030	<1	0.02	3	1010	625	0.11	5	3
G0557827		5.79	<10	<1	0.25	10	0.22	1260	1	0.02	1	910	3200	0.62	11	3
G0557828		4.45	<10	<1	0.27	10	0.04	868	1	0.02	1	480	4510	0.77	9	3
G0557829		3.30	<10	<1	0.26	10	0.18	1865	1	0.02	2	650	1060	0.80	5	6
G0557830		2.76	<10	<1	0.25	10	0.36	1495	2	0.02	3	960	692	0.78	7	4
G0557831		4.47	<10	<1	0.26	20	0.04	757	3	0.02	1	950	763	0.37	4	4
G0557832		2.99	<10	1	0.25	10	0.04	323	2	0.01	<1	570	7830	1.30	21	2
G0557833		2.58	<10	<1	0.27	20	0.16	1230	3	0.02	1	580	133	0.65	2	4
G0557834		3.92	<10	<1	0.25	10	0.22	4500	1	0.02	2	530	368	1.22	7	5
G0557835		3.15	<10	<1	0.23	10	0.40	8510	2	0.02	1	500	273	0.71	5	6
G0557836		5.32	<10	<1	0.32	20	0.04	6310	1	0.01	2	590	217	0.28	6	5

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

Project: Klaza

Finalized Date: 25-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092632

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001
G0557801		57	<20	<0.01	<10	<10	37	<10	247		
G0557802		41	<20	<0.01	<10	<10	23	<10	421		
G0557803		19	<20	<0.01	<10	<10	21	<10	416		
G0557804		72	<20	<0.01	<10	<10	15	<10	490		
G0557805		38	<20	<0.01	<10	<10	4	<10	11		
G0557806		14	<20	<0.01	<10	<10	4	<10	19		
G0557807		84	<20	<0.01	<10	<10	9	<10	96		
G0557808		37	<20	<0.01	<10	<10	27	<10	717		
G0557809		110	<20	<0.01	<10	<10	38	<10	153		
G0557810		89	<20	<0.01	<10	<10	39	<10	286		
G0557811		55	<20	<0.01	<10	<10	31	<10	702		
G0557812		53	<20	<0.01	<10	<10	14	<10	3550		
G0557813		55	<20	<0.01	<10	<10	16	<10	2960		
G0557814		42	<20	<0.01	<10	<10	18	<10	709		
G0557815		30	<20	<0.01	<10	<10	15	<10	1290		
G0557816		39	<20	<0.01	<10	10	13	<10	3080	237	7.16
G0557817		22	<20	<0.01	<10	<10	18	<10	1275		
G0557818		23	<20	<0.01	<10	<10	24	<10	708		
G0557819		35	<20	<0.01	<10	<10	18	<10	881		
G0557820		42	<20	<0.01	<10	<10	32	<10	436		
G0557821		26	<20	<0.01	<10	<10	23	<10	435		
G0557822		41	<20	0.03	<10	<10	44	<10	429		
G0557823		65	<20	<0.01	<10	<10	21	<10	1345		
G0557824		35	<20	<0.01	<10	<10	6	<10	2190	146	5.10
G0557825		29	<20	<0.01	<10	<10	14	<10	1795		
G0557826		38	<20	<0.01	<10	<10	13	<10	1520		
G0557827		42	<20	<0.01	<10	<10	12	<10	3990		
G0557828		20	<20	<0.01	<10	<10	10	<10	2060		
G0557829		59	<20	<0.01	<10	<10	27	<10	3440		
G0557830		82	<20	<0.01	<10	<10	13	<10	1760		
G0557831		39	<20	<0.01	<10	<10	11	<10	1210		
G0557832		32	<20	<0.01	<10	<10	7	<10	578		
G0557833		61	20	<0.01	<10	<10	17	<10	613		
G0557834		57	<20	<0.01	<10	<10	16	<10	942		
G0557835		75	<20	<0.01	<10	<10	18	<10	941		
G0557836		52	<20	<0.01	<10	<10	18	<10	1280		

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

Finalized Date: 23-JUL-2010
Account: ROCKHA

CERTIFICATE WH10092633

Project: Klaza

P.O. No.: Batch 25

This report is for 28 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 23-JUL-2010
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CERTIFICATE OF ANALYSIS WH10092633

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
H806486		1.83	0.182		0.9	0.57	107	<10	700	0.8	<2	1.29	8.0	8	4	14
H806487		11.01	0.053		0.7	0.68	47	<10	300	0.6	<2	1.49	6.2	4	7	51
H806488		6.70	0.061		0.4	0.60	45	<10	560	0.7	<2	2.37	1.7	11	9	12
H806489		6.98	0.059		0.4	0.63	45	<10	640	0.7	<2	2.32	1.6	11	10	12
H806490		3.04	0.021		0.6	0.67	197	<10	860	0.5	<2	0.52	2.5	13	5	15
H806491		1.36	0.234		2.7	0.54	5720	<10	400	0.6	4	0.16	5.7	6	4	41
H806492		5.51	0.039		1.0	0.63	157	<10	550	0.5	<2	0.41	2.6	6	6	47
H806493		4.78	0.005		0.2	1.23	11	<10	330	<0.5	<2	0.68	0.8	6	9	6
H806494		4.22	0.031		0.4	1.10	54	<10	530	<0.5	<2	0.82	1.2	8	8	13
H806495		1.74	0.064		3.9	0.71	615	<10	640	0.8	4	0.22	33.2	12	4	91
H806496		2.89	0.084		1.4	0.68	50	<10	450	0.7	2	1.15	6.4	6	4	43
H806497		1.94	0.779		7.5	0.43	233	<10	790	<0.5	14	0.11	2.0	9	2	42
H806498		1.60	0.015		0.4	1.23	27	<10	310	0.7	<2	0.85	5.0	7	8	11
H806499		1.88	0.686		12.6	0.61	219	<10	210	0.8	6	1.10	222	5	3	428
H806500		3.09	0.091		4.1	0.85	59	<10	320	0.5	2	0.89	47.9	6	6	148
G0557901		1.66	0.128		1.2	0.49	136	<10	410	<0.5	<2	0.17	1.6	1	3	48
G0557902		3.90	4.67		3.8	0.26	126	<10	420	<0.5	3	0.04	0.8	<1	3	4
G0557903		3.50	8.61		16.6	0.32	303	<10	450	<0.5	27	0.08	1.1	1	3	69
G0557904		1.57	0.167		29.9	0.41	377	<10	390	<0.5	33	0.10	1.4	1	5	86
G0557905		0.70	0.840		2.3	0.47	219	<10	500	<0.5	7	0.11	1.0	2	5	110
G0557906		2.64	0.298		4.1	0.38	191	<10	220	<0.5	3	0.12	0.5	1	2	25
G0557907		3.76	0.029		2.2	0.64	187	<10	390	<0.5	4	0.13	8.4	5	5	66
G0557908		2.14	2.09		1.7	0.65	83	<10	360	0.5	3	0.37	19.0	5	4	96
G0557909		3.03	0.018		9.3	0.41	345	<10	690	<0.5	14	0.10	4.4	1	3	201
G0557910		3.99	0.127		0.9	0.54	62	<10	590	0.7	<2	0.17	35.0	9	4	107
G0557911		0.65	0.080		2.2	0.48	879	<10	670	<0.5	<2	0.15	6.2	3	5	251
G0557912		1.64	>10.0	14.75	>100	0.27	>10000	<10	60	<0.5	4	0.04	24.6	<1	2	1050
G0557913		0.93	0.146		6.4	0.44	622	<10	270	<0.5	2	0.11	22.9	4	4	91

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 23-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092633

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H806486		3.03	<10	1	0.30	20	0.06	4870	1	0.03	2	590	71	0.45	<2	4
H806487		3.09	<10	<1	0.23	20	0.21	954	<1	0.03	1	570	94	0.22	<2	5
H806488		2.86	<10	<1	0.24	20	0.21	1225	<1	0.03	7	590	48	0.48	<2	5
H806489		2.83	<10	<1	0.26	20	0.20	1210	<1	0.03	6	590	47	0.47	<2	5
H806490		2.67	<10	<1	0.25	20	0.09	1145	2	0.05	1	590	50	0.27	<2	3
H806491		4.79	<10	1	0.31	20	0.05	1300	1	0.02	<1	480	360	0.16	8	4
H806492		2.67	<10	1	0.26	20	0.08	908	1	0.03	1	510	112	0.20	4	4
H806493		2.35	<10	<1	0.18	20	0.59	625	<1	0.06	1	590	17	0.08	<2	4
H806494		2.49	<10	<1	0.23	20	0.48	951	<1	0.06	1	590	28	0.25	<2	4
H806495		5.17	<10	<1	0.31	20	0.07	2700	1	0.04	2	630	1350	0.30	3	5
H806496		3.06	<10	<1	0.24	20	0.17	1320	1	0.04	<1	590	86	0.23	2	6
H806497		3.96	<10	<1	0.34	20	0.02	647	3	0.03	<1	460	506	0.26	4	2
H806498		2.53	<10	<1	0.27	20	0.33	790	<1	0.08	1	620	52	0.25	2	6
H806499		5.75	<10	1	0.36	10	0.32	6150	2	0.02	<1	560	860	1.65	10	5
H806500		3.29	<10	<1	0.24	20	0.32	1160	2	0.05	1	580	207	0.81	<2	5
G0557901		6.14	<10	<1	0.49	20	0.03	277	8	0.02	<1	730	104	0.64	4	4
G0557902		2.38	<10	<1	0.49	10	0.02	54	1	0.02	<1	120	170	0.65	<2	1
G0557903		2.82	<10	1	0.36	10	0.02	118	5	0.02	<1	490	1510	0.54	37	2
G0557904		3.36	<10	1	0.44	10	0.02	145	6	0.02	<1	600	1850	0.66	45	2
G0557905		4.29	<10	<1	0.48	20	0.03	278	3	0.03	<1	620	169	0.63	5	2
G0557906		5.27	<10	<1	0.63	20	0.03	118	2	0.02	<1	360	249	1.10	8	1
G0557907		4.74	<10	<1	0.41	20	0.06	614	2	0.04	<1	710	135	0.55	3	3
G0557908		3.26	<10	1	0.29	20	0.04	1680	2	0.02	<1	570	88	0.15	2	3
G0557909		4.59	<10	<1	0.36	20	0.03	246	8	0.03	<1	560	437	0.41	13	2
G0557910		3.46	<10	1	0.29	20	0.02	3120	1	0.02	<1	560	46	0.36	<2	3
G0557911		3.20	<10	<1	0.27	30	0.03	715	1	0.03	<1	520	434	0.11	7	6
G0557912		7.64	<10	3	0.32	<10	0.02	155	15	0.01	<1	290	>10000	4.70	558	1
G0557913		4.38	<10	<1	0.27	10	0.02	1730	3	0.01	1	590	952	0.25	7	2

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Project: Klaza

Finalized Date: 23-JUL-2010
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CERTIFICATE OF ANALYSIS WH10092633

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
H806486		29	<20	<0.01	<10	<10	18	<10	408			
H806487		37	<20	0.01	<10	<10	28	<10	467			
H806488		43	<20	<0.01	<10	<10	26	<10	150			
H806489		43	<20	<0.01	<10	<10	26	<10	150			
H806490		21	<20	<0.01	<10	<10	24	<10	197			
H806491		21	<20	<0.01	<10	<10	16	<10	561			
H806492		18	<20	<0.01	<10	<10	23	<10	249			
H806493		32	<20	0.05	<10	<10	42	<10	88			
H806494		41	<20	0.01	<10	<10	35	<10	124			
H806495		35	<20	<0.01	<10	<10	24	<10	1890			
H806496		24	<20	<0.01	<10	<10	31	<10	443			
H806497		23	<20	<0.01	<10	<10	10	<10	407			
H806498		46	<20	0.02	<10	<10	34	<10	390			
H806499		35	<20	<0.01	<10	<10	22	10	>10000		1.165	
H806500		36	<20	0.01	<10	<10	32	<10	2830			
G0557901		34	20	<0.01	<10	<10	23	<10	964			
G0557902		22	<20	<0.01	<10	<10	7	<10	71			
G0557903		50	<20	<0.01	<10	<10	12	<10	286			
G0557904		62	<20	<0.01	<10	<10	15	<10	354			
G0557905		39	20	<0.01	<10	<10	21	<10	615			
G0557906		37	<20	<0.01	<10	<10	13	<10	192			
G0557907		46	20	<0.01	<10	<10	27	<10	712			
G0557908		10	<20	<0.01	<10	<10	18	<10	960			
G0557909		97	<20	<0.01	<10	<10	15	<10	660			
G0557910		10	<20	<0.01	<10	<10	18	<10	1390			
G0557911		27	<20	<0.01	<10	<10	23	<10	1650			
G0557912		38	<20	<0.01	<10	<10	7	<10	1455	489		14.55
G0557913		10	<20	<0.01	<10	<10	7	<10	1485			

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

Finalized Date: 22-JUL-2010
Account: ROCKHA

CERTIFICATE WH10092634

Project: Klaza

P.O. No.: Batch 24

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 22-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092634

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
H806450		7.04	0.016		0.9	0.91	43	<10	420	0.5	<2	0.73	7.4	6	6	32
H806451		5.16	0.029		1.2	1.24	244	<10	280	0.9	<2	0.28	11.7	6	6	203
H806452		1.21	0.013		2.5	0.39	758	<10	160	<0.5	<2	0.06	8.5	<1	2	131
H806453		3.01	1.915		31.0	0.35	1030	<10	560	<0.5	12	0.04	5.6	<1	3	170
H806454		1.74	0.021		0.4	1.62	78	<10	130	0.8	<2	0.29	3.8	6	6	133
H806455		7.16	0.099		0.9	0.64	61	<10	1060	0.6	<2	0.22	2.4	11	5	27
H806456		9.48	0.112		0.9	0.67	98	<10	1030	0.5	2	0.46	3.6	13	4	51
H806457		3.48	0.089		0.5	0.69	125	<10	440	<0.5	<2	0.49	4.0	17	7	14
H806458		6.62	0.018		0.5	0.65	107	<10	540	0.6	<2	0.42	7.0	15	5	16
H806459		6.86	0.036		1.5	0.50	328	<10	440	<0.5	2	0.17	7.3	28	7	32
H806460		3.87	0.109		2.5	0.60	780	<10	570	0.5	<2	0.08	9.3	10	3	81
H806461		1.13	0.203		2.0	0.52	959	<10	330	<0.5	<2	0.08	3.3	3	3	75
H806462		3.13	2.30		27.2	0.32	3380	<10	190	<0.5	13	0.08	3.5	<1	2	37
H806463		2.27	0.031		1.9	0.51	817	<10	680	<0.5	4	0.05	5.3	1	4	49
H806464		1.07	0.501		39.9	0.36	3090	<10	360	<0.5	171	0.06	2.4	<1	2	67
H806465		0.66	0.007		0.2	0.06	27	<10	10	<0.5	<2	19.8	<0.5	1	1	1
H806466		3.61	0.026		0.9	0.61	144	<10	500	0.6	<2	0.42	13.2	7	4	57
H806467		10.34	0.013		0.5	1.15	54	<10	440	<0.5	<2	0.55	1.8	6	8	19
H806468		7.11	0.014		0.3	0.83	149	<10	430	0.6	<2	0.56	5.3	7	5	59
H806469		1.28	0.035		1.7	0.45	925	<10	740	0.5	<2	0.22	27.0	7	2	382
H806470		1.66	0.989		19.2	0.42	2440	<10	320	<0.5	8	0.13	9.3	<1	2	292
H806471		5.06	0.078		0.6	0.84	743	<10	540	0.6	<2	0.62	16.2	7	8	39
H806472		1.47	0.614		9.5	0.44	6160	<10	250	<0.5	3	0.21	25.2	<1	1	131
H806473		1.91	0.156		1.5	0.59	1180	<10	220	0.7	<2	0.12	24.9	7	4	94
H806474		1.24	0.698		5.1	0.39	3540	<10	220	<0.5	2	0.13	2.9	<1	2	67
H806475		3.01	>10.0	35.1	72.5	0.26	>10000	<10	230	<0.5	46	0.03	5.2	<1	2	43
H806476		1.35	0.107		2.7	0.42	1480	<10	230	<0.5	<2	0.12	9.0	<1	3	47
H806477		4.18	0.129		2.3	0.69	91	<10	530	0.8	<2	0.22	33.5	7	5	31
H806478		1.35	0.057		0.3	1.09	105	<10	330	0.5	<2	0.35	9.2	9	10	34
H806479		0.16	>10.0	14.60	8.0	0.54	491	<10	60	<0.5	<2	0.13	<0.5	7	27	45
H806480		5.18	0.701		3.6	0.67	387	<10	190	<0.5	8	0.14	17.6	3	4	175
H806481		1.43	0.110		1.4	0.82	188	<10	370	0.5	<2	0.54	45.9	5	7	30
H806482		3.98	0.615		9.7	0.37	180	<10	240	<0.5	8	0.08	12.5	<1	3	29
H806483		3.76	0.538		20.3	0.51	485	<10	350	0.8	9	0.09	73.0	2	2	335
H806484		2.06	0.605		3.5	0.37	320	<10	230	<0.5	3	0.08	1.5	<1	3	22
H806485		1.84	0.074		2.4	0.31	30	<10	180	<0.5	4	0.05	<0.5	<1	3	3

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 22-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092634

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
H806450		2.60	<10	<1	0.18	20	0.26	806	1	0.03	1	530	55	0.07	5	6
H806451		3.39	<10	<1	0.15	20	0.30	567	1	0.02	1	610	130	0.01	5	8
H806452		2.98	<10	<1	0.31	20	0.01	56	2	0.01	<1	410	556	0.04	12	2
H806453		2.87	<10	2	0.25	20	0.01	70	3	0.01	<1	290	4690	0.23	95	2
H806454		3.69	10	<1	0.11	20	0.68	492	<1	0.01	2	650	27	<0.01	3	6
H806455		3.49	<10	<1	0.19	30	0.10	1010	1	0.01	2	600	66	0.02	4	6
H806456		3.35	<10	<1	0.25	30	0.15	1040	1	0.02	2	560	41	0.19	3	4
H806457		2.92	<10	<1	0.26	20	0.17	890	2	0.03	1	550	25	0.24	<2	4
H806458		2.92	<10	<1	0.28	30	0.12	1615	1	0.02	2	570	42	0.23	2	4
H806459		4.19	<10	<1	0.37	20	0.02	1465	9	0.01	2	530	100	0.30	3	3
H806460		4.97	<10	<1	0.38	20	0.01	804	1	0.01	1	630	373	0.31	4	4
H806461		4.21	<10	<1	0.31	20	0.02	157	1	0.01	1	500	203	0.17	6	4
H806462		4.73	<10	<1	0.80	10	0.01	51	1	0.01	<1	370	7280	1.22	27	2
H806463		2.13	<10	<1	0.27	10	0.01	87	<1	0.01	<1	290	187	0.21	5	4
H806464		3.07	<10	1	0.41	10	0.01	42	2	0.01	<1	310	8970	0.51	73	1
H806465		0.38	<10	<1	0.04	<10	12.10	183	<1	0.02	<1	190	50	<0.01	<2	<1
H806466		3.59	<10	<1	0.26	30	0.06	1155	1	0.02	2	550	165	0.11	3	5
H806467		2.72	<10	1	0.17	20	0.57	734	<1	0.04	1	580	57	0.09	2	5
H806468		2.91	<10	<1	0.24	30	0.16	1005	1	0.02	2	630	17	0.10	3	5
H806469		3.56	<10	<1	0.31	10	0.02	1995	9	0.01	1	590	581	0.15	7	2
H806470		5.78	<10	1	0.53	10	0.03	126	2	0.01	<1	510	4140	0.77	99	2
H806471		3.07	<10	<1	0.20	20	0.20	1210	<1	0.02	1	610	42	0.06	7	6
H806472		5.43	<10	<1	0.55	20	0.05	255	1	0.02	<1	740	775	0.80	14	3
H806473		3.86	<10	<1	0.26	20	0.02	1415	1	0.01	1	630	80	0.06	5	5
H806474		5.95	<10	<1	0.64	20	0.02	137	2	0.02	<1	450	540	0.89	13	2
H806475		3.64	<10	2	0.60	10	0.01	41	3	0.01	<1	420	1600	0.85	142	2
H806476		7.69	<10	<1	0.51	20	0.02	279	<1	0.01	<1	550	1090	0.68	3	2
H806477		3.99	<10	<1	0.28	20	0.09	3250	2	0.02	1	570	385	0.14	3	5
H806478		3.16	<10	<1	0.22	20	0.41	881	<1	0.05	1	590	19	0.08	2	6
H806479		3.27	<10	3	0.34	10	0.07	149	4	0.01	13	510	18	2.00	29	2
H806480		7.17	<10	<1	0.36	10	0.04	153	1	0.02	<1	550	155	0.40	<2	3
H806481		3.25	10	<1	0.27	20	0.25	1080	<1	0.03	1	550	146	0.19	2	5
H806482		3.56	<10	<1	0.41	20	0.02	117	2	0.01	<1	380	2170	0.49	5	1
H806483		7.12	<10	1	0.33	10	0.02	1285	5	<0.01	1	480	3290	0.51	9	2
H806484		3.91	<10	<1	0.32	20	0.03	132	4	0.01	3	430	403	0.20	5	2
H806485		0.96	<10	<1	0.30	20	0.02	42	2	0.01	<1	200	350	0.19	<2	1

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

Project: Klaza

Finalized Date: 22-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092634

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
H806450		29	<20	0.01	<10	<10	35	<10	609
H806451		20	<20	0.01	<10	<10	41	<10	1270
H806452		26	<20	<0.01	<10	<10	9	<10	688
H806453		28	<20	<0.01	<10	<10	8	<10	637
H806454		18	<20	0.01	<10	<10	52	<10	1530
H806455		15	<20	<0.01	<10	<10	36	<10	689
H806456		21	<20	<0.01	<10	<10	26	<10	640
H806457		18	<20	<0.01	<10	<10	26	<10	396
H806458		17	<20	<0.01	<10	<10	24	<10	691
H806459		29	<20	<0.01	<10	<10	20	<10	631
H806460		23	<20	<0.01	<10	<10	23	<10	971
H806461		22	<20	<0.01	<10	<10	17	<10	817
H806462		31	<20	<0.01	<10	<10	10	<10	283
H806463		18	<20	<0.01	<10	<10	17	<10	308
H806464		38	<20	<0.01	<10	<10	6	<10	298
H806465		54	<20	<0.01	<10	<10	<1	<10	18
H806466		19	<20	<0.01	<10	<10	22	<10	1595
H806467		26	<20	0.03	<10	<10	45	<10	163
H806468		16	<20	<0.01	<10	<10	30	<10	350
H806469		12	<20	<0.01	<10	<10	15	<10	1985
H806470		41	<20	<0.01	<10	<10	11	<10	1185
H806471		24	<20	0.01	<10	<10	36	<10	970
H806472		93	<20	<0.01	<10	<10	9	<10	764
H806473		15	<20	<0.01	<10	<10	23	<10	1665
H806474		97	<20	<0.01	<10	<10	17	<10	656
H806475		69	<20	<0.01	<10	<10	5	<10	117
H806476		47	<20	<0.01	<10	<10	22	<10	1685
H806477		21	<20	<0.01	<10	<10	23	<10	2090
H806478		27	<20	0.03	<10	<10	42	<10	737
H806479		7	<20	0.01	<10	<10	20	<10	61
H806480		30	<20	<0.01	<10	<10	23	<10	1060
H806481		23	<20	0.01	<10	<10	34	<10	1830
H806482		28	<20	<0.01	<10	<10	9	<10	834
H806483		31	<20	<0.01	<10	<10	10	<10	4510
H806484		51	<20	<0.01	<10	<10	11	<10	624
H806485		39	<20	<0.01	<10	<10	3	<10	29

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VANCOUVER BC V6B 1L8

Finalized Date: 23-JUL-2010
Account: ROCKHA

CERTIFICATE WH10092635

Project: Klaza

P.O. No.: Batch 23

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

Finalized Date: 23-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092635

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H806414		3.47	0.008	0.8	0.92	36	<10	1510	0.9	<2	0.27	4.6	10	11	22	3.03
H806415		3.98	0.010	0.7	0.97	17	<10	1110	0.9	<2	0.30	4.6	12	4	21	2.93
H806416		1.92	0.007	0.6	1.02	43	<10	460	1.0	<2	0.29	4.3	13	10	23	3.01
H806417		0.81	<0.005	0.3	0.59	41	<10	690	0.9	<2	0.25	7.3	7	4	13	1.94
H806418		1.12	<0.005	0.3	0.61	67	<10	1120	0.8	<2	0.31	5.2	4	7	28	1.96
H806419		2.23	0.020	1.2	0.69	344	<10	2130	1.3	<2	0.19	12.4	10	3	246	4.70
H806420		1.95	0.024	1.5	0.61	124	<10	1070	0.9	<2	0.11	8.5	6	11	276	4.48
H806421		1.14	0.702	20.9	0.53	680	<10	880	0.6	21	0.10	19.9	4	3	328	6.04
H806422		0.99	0.792	24.0	0.43	717	<10	230	0.8	51	0.10	14.6	3	11	160	4.90
H806423		2.48	0.014	0.6	0.66	122	<10	330	0.8	<2	0.10	7.5	11	1	96	1.35
H806424		2.76	0.005	0.5	0.62	76	<10	1430	0.6	<2	0.10	8.7	7	5	143	1.74
H806425		5.01	0.923	23.8	0.46	1000	<10	440	<0.5	26	0.09	25.3	7	2	229	4.31
H806426		2.08	0.025	1.3	0.66	243	<10	1430	0.9	<2	0.20	60.5	26	3	323	4.30
H806427		2.02	0.011	0.7	0.61	286	<10	500	0.7	<2	0.11	17.3	8	1	39	1.89
H806428		4.90	0.033	1.4	1.35	326	<10	1440	1.0	<2	0.30	27.1	13	10	165	3.97
H806429		5.96	0.036	1.5	0.98	145	<10	580	0.5	<2	0.22	17.0	12	11	130	4.20
H806430		5.22	0.076	3.1	0.82	244	<10	270	0.7	2	0.16	15.9	4	4	317	6.19
H806431		4.55	0.020	1.5	0.69	99	<10	860	0.5	<2	0.12	8.0	3	11	155	3.74
H806432		1.19	0.070	5.2	0.46	137	<10	210	<0.5	5	0.05	4.4	<1	2	99	3.12
H806433		1.97	1.925	22.1	0.37	357	<10	570	<0.5	57	0.05	6.8	<1	12	64	3.10
H806434		1.66	0.053	4.3	0.51	162	<10	350	0.5	2	0.11	12.8	1	3	357	5.97
H806435		7.95	0.067	2.6	0.78	324	<10	360	0.7	<2	0.17	22.8	4	11	408	4.63
H806436		2.57	0.137	6.0	0.47	710	<10	1460	<0.5	4	0.10	8.9	<1	3	274	3.77
H806437		1.61	1.020	14.7	0.30	1255	<10	340	<0.5	26	0.07	14.6	<1	14	41	2.29
H806438		2.28	9.41	>100	0.39	843	<10	100	<0.5	105	1.62	451	2	2	1030	6.03
H806439		2.08	0.229	3.2	0.61	237	<10	1850	0.7	<2	0.18	24.8	8	3	95	4.14
H806440		2.82	0.329	4.8	0.45	318	<10	350	<0.5	6	0.11	12.8	3	12	51	4.47
H806441		5.97	0.010	1.0	0.98	30	<10	1480	0.6	<2	0.32	4.1	8	5	29	3.24
H806442		8.08	0.013	0.7	1.15	24	<10	260	0.6	<2	0.38	5.1	9	14	17	2.97
H806443		8.66	4.22	7.9	1.00	43	<10	430	0.5	3	0.40	3.9	26	6	16	3.23
H806444		8.15	0.242	1.3	0.86	40	<10	310	0.5	<2	0.24	8.9	29	13	9	3.14
H806445		3.55	0.677	4.3	0.49	229	<10	560	<0.5	5	0.07	4.0	2	3	16	2.45
H806446		9.12	0.010	0.7	1.35	22	<10	360	0.7	<2	0.37	4.1	8	12	15	3.05
H806447		1.86	0.016	1.1	0.67	32	<10	1900	0.5	<2	0.07	3.9	6	4	62	4.17
H806448		1.22	0.130	5.7	0.48	111	<10	1390	<0.5	14	0.05	2.7	2	10	37	2.81
H806449		1.48	0.009	0.2	0.70	37	<10	600	0.6	2	0.11	4.4	7	5	70	2.65

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

Project: Klaza

Finalized Date: 23-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092635

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
H806414		<10	<1	0.24	30	0.10	1650	3	0.02	4	630	34	0.06	5	8	28
H806415		<10	<1	0.20	30	0.12	1520	2	0.02	3	660	20	0.06	6	8	23
H806416		<10	<1	0.25	20	0.11	820	1	0.01	4	670	11	0.05	4	8	18
H806417		<10	<1	0.25	10	0.04	1660	1	0.01	4	640	13	0.03	2	5	28
H806418		<10	<1	0.28	20	0.04	1245	1	0.01	3	690	14	0.04	2	5	24
H806419		<10	<1	0.21	30	0.03	3020	3	0.01	2	630	43	0.08	5	9	20
H806420		<10	<1	0.27	20	0.03	1415	3	0.01	<1	560	80	0.11	6	7	19
H806421		<10	1	0.34	20	0.03	438	5	0.01	<1	540	404	0.19	28	3	28
H806422		<10	1	0.34	20	0.03	448	9	0.01	<1	490	521	0.27	40	3	40
H806423		<10	<1	0.25	10	0.03	1240	2	0.01	<1	50	44	0.01	4	2	16
H806424		<10	<1	0.19	<10	0.03	1905	2	0.01	<1	60	46	0.05	3	2	16
H806425		<10	1	0.37	10	0.03	1075	12	0.01	<1	280	499	0.30	111	1	21
H806426		<10	<1	0.20	30	0.03	7390	5	0.01	3	670	41	0.08	10	9	20
H806427		<10	<1	0.21	10	0.03	1985	2	<0.01	<1	120	43	0.02	5	3	14
H806428		10	<1	0.19	30	0.33	2380	3	0.02	2	720	65	0.06	8	9	22
H806429		<10	<1	0.22	30	0.32	1475	5	0.03	1	660	101	0.13	7	6	17
H806430		10	<1	0.24	20	0.09	553	3	0.01	<1	640	401	0.09	11	7	11
H806431		<10	<1	0.17	20	0.02	203	2	0.01	<1	640	135	0.07	7	7	16
H806432		<10	<1	0.37	20	0.02	78	2	0.01	1	460	880	0.14	16	2	10
H806433		<10	<1	0.32	20	0.02	74	4	0.01	<1	440	1870	0.24	17	1	30
H806434		<10	<1	0.42	20	0.03	264	3	0.01	<1	540	651	0.38	10	3	12
H806435		<10	<1	0.26	20	0.06	950	2	<0.01	<1	640	223	0.07	12	6	14
H806436		<10	<1	0.31	20	0.03	157	3	0.01	<1	520	1155	0.20	13	2	32
H806437		<10	<1	0.41	10	0.02	68	2	0.01	<1	290	1035	0.50	22	1	113
H806438		<10	3	0.27	10	0.58	10900	2	0.01	<1	280	>10000	2.88	192	2	43
H806439		<10	<1	0.27	20	0.03	3270	4	0.01	<1	570	570	0.14	6	6	24
H806440		<10	<1	0.35	20	0.03	1475	2	0.01	<1	450	790	0.25	9	3	20
H806441		<10	<1	0.20	20	0.21	908	2	0.02	1	600	83	0.14	7	7	28
H806442		<10	<1	0.21	20	0.36	977	2	0.03	2	610	80	0.04	<2	6	22
H806443		<10	<1	0.27	30	0.31	911	2	0.04	2	600	57	0.10	3	5	23
H806444		<10	<1	0.25	20	0.20	961	2	0.02	1	600	122	0.12	3	4	16
H806445		<10	<1	0.36	20	0.03	100	2	0.01	<1	350	689	0.18	5	3	28
H806446		<10	<1	0.17	20	0.38	828	1	0.03	2	630	22	0.07	3	7	29
H806447		<10	<1	0.19	10	0.02	351	1	0.01	1	460	37	0.11	4	7	35
H806448		<10	1	0.22	10	0.02	124	4	0.02	4	300	310	0.14	4	4	31
H806449		<10	<1	0.09	10	0.02	633	2	0.01	1	370	17	0.03	<2	8	32

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 23-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10092635

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
H806414		<20	<0.01	<10	<10	31	<10	444			
H806415		<20	<0.01	<10	<10	32	<10	444			
H806416		<20	<0.01	<10	<10	31	<10	597			
H806417		<20	<0.01	<10	<10	18	<10	647			
H806418		<20	<0.01	<10	<10	16	<10	600			
H806419		<20	<0.01	<10	<10	30	<10	1360			
H806420		<20	<0.01	<10	<10	24	<10	1085			
H806421		<20	<0.01	<10	<10	17	<10	1110			
H806422		<20	<0.01	<10	<10	11	<10	886			
H806423		20	<0.01	<10	<10	1	<10	447			
H806424		<20	<0.01	<10	<10	1	<10	554			
H806425		<20	<0.01	<10	<10	9	<10	645			
H806426		<20	<0.01	<10	<10	33	10	2090			
H806427		<20	<0.01	<10	<10	4	<10	799			
H806428		<20	<0.01	<10	<10	37	<10	1455			
H806429		<20	<0.01	<10	<10	39	<10	1445			
H806430		<20	<0.01	<10	<10	33	<10	1940			
H806431		<20	<0.01	<10	<10	38	<10	748			
H806432		<20	<0.01	<10	<10	14	<10	505			
H806433		<20	<0.01	<10	<10	7	<10	476			
H806434		<20	<0.01	<10	<10	16	<10	1370			
H806435		<20	<0.01	<10	<10	27	<10	1340			
H806436		<20	<0.01	<10	<10	17	<10	937			
H806437		<20	<0.01	<10	<10	4	<10	227			
H806438		<20	<0.01	<10	<10	8	10	>10000	187	3.01	3.82
H806439		<20	<0.01	<10	<10	24	10	2070			
H806440		<20	<0.01	<10	<10	11	<10	1145			
H806441		<20	0.01	<10	<10	41	<10	451			
H806442		<20	0.01	<10	<10	41	<10	459			
H806443		<20	0.01	<10	<10	36	<10	333			
H806444		<20	<0.01	<10	<10	29	<10	638			
H806445		<20	<0.01	<10	<10	13	<10	596			
H806446		<20	0.04	<10	<10	48	<10	460			
H806447		<20	<0.01	<10	<10	35	<10	456			
H806448		<20	<0.01	<10	<10	16	<10	303			
H806449		<20	<0.01	<10	<10	32	<10	530			

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

Finalized Date: 30-JUL-2010
Account: ROCKHA

CERTIFICATE WH10095965

Project: Klaza

P.O. No.: Batch 33

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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Finalized Date: 30-JUL-2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10095965

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
G0558177		4.87	0.030		0.5	1.02	20	<10	1110	0.7	<2	0.18	1.5	9	5	176
G0558178		5.10	0.085		1.1	1.25	56	<10	550	0.7	<2	0.19	0.6	6	6	232
G0558179		3.77	0.128		1.5	0.75	121	<10	260	<0.5	3	0.09	<0.5	4	3	198
G0558180		1.19	0.005		<0.2	0.03	2	<10	10	<0.5	<2	19.3	<0.5	2	<1	4
G0558181		2.65	0.090		2.2	0.49	127	<10	230	<0.5	4	0.11	<0.5	3	2	175
G0558182		2.77	0.259		3.8	0.38	286	<10	200	<0.5	7	0.08	<0.5	1	1	71
G0558183		4.24	0.045		0.7	1.05	39	<10	1830	0.8	<2	0.25	1.8	11	4	194
G0558184		0.17	>10.0	NSS	9.4	0.29	491	<10	30	<0.5	<2	0.16	<0.5	7	28	49
G0558185		5.02	0.133		0.7	0.65	48	<10	260	0.5	<2	0.14	<0.5	4	3	292
G0558186		4.40	0.040		0.2	0.94	21	<10	730	0.6	<2	0.20	1.2	13	4	82
G0558187		3.76	0.036		0.3	1.16	12	<10	1140	0.5	<2	0.26	0.8	8	6	62
G0558188		4.59	0.045		0.4	1.00	35	<10	1290	0.8	<2	0.17	1.8	11	5	87
G0558189		3.65	0.081		0.3	1.01	14	<10	620	<0.5	<2	0.16	0.6	9	10	78
G0558190		1.89	0.074		0.5	0.62	21	<10	650	<0.5	<2	0.11	<0.5	2	3	84
G0558191		1.17	0.034		0.6	0.45	23	<10	360	<0.5	2	0.07	<0.5	4	3	59
G0558192		2.23	0.143		2.7	0.59	191	<10	410	<0.5	3	0.14	0.5	2	2	61
G0558193		2.51	0.037		1.7	0.62	57	<10	620	<0.5	2	0.06	<0.5	1	3	75
G0558194		2.20	0.080		2.8	0.36	76	<10	160	<0.5	4	0.07	<0.5	<1	1	21
G0558195		1.47	0.078		0.9	0.50	75	<10	320	<0.5	<2	0.07	<0.5	6	2	164
G0558196		3.47	0.034		1.2	0.46	46	<10	320	<0.5	2	0.09	<0.5	2	2	42
G0558197		2.09	0.036		0.7	0.44	35	<10	310	<0.5	3	0.08	<0.5	2	2	53
G0558198		3.87	0.038		0.7	0.84	87	<10	470	0.6	<2	0.07	0.6	3	3	159
G0558199		1.56	0.275		5.6	0.31	180	<10	140	<0.5	8	0.04	<0.5	<1	5	31
G0558200		1.13	0.091		5.4	0.86	244	<10	90	0.7	11	0.03	<0.5	5	123	578
G0558201		2.71	0.053		1.5	0.76	51	<10	270	<0.5	4	0.03	<0.5	6	35	153
G0558202		2.10	0.057		0.9	0.59	51	<10	470	<0.5	3	0.03	<0.5	5	6	141
G0558203		3.59	0.026		1.1	0.81	25	<10	940	<0.5	2	0.07	<0.5	4	6	130
G0558204		3.72	0.092		2.6	1.04	81	<10	270	<0.5	4	0.08	<0.5	5	71	349
G0558205		4.92	0.197		1.3	0.60	36	<10	470	<0.5	2	0.02	<0.5	2	5	132
G0558206		1.64	0.121		1.6	0.53	76	<10	390	<0.5	3	0.03	<0.5	1	3	124
G0558207		2.92	0.672		2.0	0.55	661	<10	250	0.6	6	0.04	0.6	5	19	276
G0558208		1.94	0.575		6.3	0.31	95	<10	80	<0.5	15	0.02	<0.5	<1	2	20
G0558209		1.51	0.038		0.4	0.55	136	<10	370	<0.5	<2	0.03	<0.5	6	2	95
G0558210		5.00	0.045		0.3	1.06	44	<10	550	0.6	<2	0.07	<0.5	5	3	95
G0558211		3.42	0.077		0.5	1.14	26	<10	740	<0.5	<2	0.13	0.7	6	6	67
G0558212		2.62	0.070		0.5	1.02	37	<10	390	0.6	<2	0.08	0.9	9	3	104

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

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

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

Finalized Date: 30-JUL-2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10095965

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G0558177		3.35	<10	<1	0.25	20	0.40	595	1	0.03	5	610	44	0.10	<2	4
G0558178		3.82	<10	<1	0.24	20	0.50	322	4	0.03	2	660	54	0.11	<2	4
G0558179		4.46	<10	<1	0.41	30	0.11	212	1	0.01	1	600	88	0.40	2	4
G0558180		0.40	<10	<1	0.02	<10	11.85	185	<1	0.01	<1	180	3	<0.01	<2	<1
G0558181		3.84	<10	<1	0.49	20	0.07	125	1	0.01	1	630	102	0.63	6	3
G0558182		3.76	<10	<1	0.53	20	0.03	93	2	0.01	<1	420	290	0.70	8	2
G0558183		3.89	<10	<1	0.23	20	0.39	620	2	0.04	1	630	62	0.11	<2	5
G0558184		3.18	<10	3	0.18	10	0.06	127	5	<0.01	16	530	5	2.22	25	1
G0558185		3.56	<10	<1	0.23	20	0.08	206	2	0.01	2	720	42	0.16	9	5
G0558186		3.17	<10	<1	0.19	20	0.23	1115	4	0.02	2	660	18	0.09	2	6
G0558187		2.84	<10	<1	0.15	20	0.58	378	1	0.05	1	610	18	0.09	<2	4
G0558188		3.33	<10	<1	0.20	20	0.39	775	2	0.03	2	590	31	0.09	<2	4
G0558189		3.06	<10	<1	0.16	10	0.43	299	2	0.05	3	620	20	0.10	<2	5
G0558190		3.35	<10	<1	0.32	20	0.11	159	1	0.02	1	590	51	0.39	<2	3
G0558191		3.48	<10	<1	0.36	30	0.03	162	2	0.01	2	550	70	0.29	<2	3
G0558192		5.10	<10	<1	0.44	30	0.06	209	2	0.02	1	710	574	0.56	2	2
G0558193		3.45	<10	<1	0.40	30	0.07	94	2	0.02	1	630	456	0.48	2	4
G0558194		3.70	<10	<1	0.64	20	0.03	52	3	0.01	<1	280	298	0.96	<2	1
G0558195		3.72	<10	<1	0.45	20	0.03	182	1	0.02	2	560	52	0.48	3	3
G0558196		3.71	<10	<1	0.57	20	0.03	186	1	0.02	1	370	82	0.74	<2	2
G0558197		3.65	<10	<1	0.53	20	0.03	149	1	0.02	<1	430	149	0.73	<2	2
G0558198		3.79	<10	<1	0.45	30	0.07	96	2	0.03	2	710	259	0.55	<2	5
G0558199		2.40	<10	<1	0.43	10	0.02	38	2	0.01	1	270	806	0.51	2	1
G0558200		10.65	<10	<1	0.37	10	0.05	401	4	0.01	30	960	232	0.43	41	7
G0558201		5.66	<10	<1	0.37	20	0.12	100	1	0.03	8	720	135	0.49	<2	4
G0558202		4.75	<10	<1	0.39	20	0.04	97	1	0.02	4	690	80	0.47	<2	3
G0558203		3.53	<10	<1	0.23	20	0.32	129	1	0.03	2	620	40	0.30	<2	3
G0558204		5.35	<10	<1	0.39	10	0.47	252	3	0.02	23	660	161	0.64	11	5
G0558205		3.28	<10	1	0.35	20	0.03	65	3	0.02	2	550	35	0.46	12	3
G0558206		2.40	<10	<1	0.45	40	0.03	41	3	0.01	1	710	67	0.52	10	4
G0558207		6.55	<10	<1	0.44	30	0.03	141	13	0.02	19	1370	60	0.67	35	5
G0558208		2.56	<10	<1	0.53	10	0.02	32	57	0.01	1	340	162	0.82	3	2
G0558209		3.83	<10	<1	0.44	30	0.02	111	1	0.02	2	700	31	0.67	4	4
G0558210		3.77	<10	<1	0.36	30	0.24	118	2	0.04	2	960	24	0.50	<2	5
G0558211		3.12	<10	<1	0.22	20	0.55	195	1	0.08	2	580	27	0.36	<2	5
G0558212		4.05	<10	<1	0.26	20	0.18	245	1	0.02	2	630	68	0.35	<2	4

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30-JUL-2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10095965

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
G0558177		47	<20	<0.01	<10	<10	29	<10	152
G0558178		36	<20	<0.01	<10	<10	34	<10	169
G0558179		60	<20	<0.01	<10	<10	23	<10	291
G0558180		82	<20	<0.01	<10	<10	2	<10	15
G0558181		71	<20	<0.01	<10	<10	15	<10	228
G0558182		82	<20	<0.01	<10	<10	9	<10	220
G0558183		75	<20	<0.01	<10	<10	34	<10	280
G0558184		7	<20	<0.01	<10	<10	14	<10	47
G0558185		35	<20	<0.01	<10	<10	23	<10	171
G0558186		31	<20	<0.01	<10	<10	28	<10	108
G0558187		48	<20	0.01	<10	<10	38	<10	102
G0558188		53	<20	<0.01	<10	<10	28	<10	174
G0558189		36	<20	<0.01	<10	<10	36	<10	101
G0558190		78	<20	<0.01	<10	<10	24	<10	200
G0558191		30	<20	<0.01	<10	<10	18	<10	312
G0558192		87	<20	<0.01	<10	<10	14	<10	379
G0558193		47	20	<0.01	<10	<10	23	<10	486
G0558194		43	<20	<0.01	<10	<10	7	<10	194
G0558195		28	<20	<0.01	<10	<10	15	<10	254
G0558196		40	<20	<0.01	<10	<10	9	<10	182
G0558197		50	<20	<0.01	<10	<10	7	<10	232
G0558198		62	20	<0.01	<10	<10	16	<10	363
G0558199		47	<20	<0.01	<10	<10	7	<10	126
G0558200		28	<20	<0.01	<10	<10	62	<10	945
G0558201		34	<20	<0.01	<10	<10	25	<10	309
G0558202		43	<20	<0.01	<10	<10	13	<10	235
G0558203		49	<20	<0.01	<10	<10	23	<10	118
G0558204		40	<20	<0.01	<10	<10	40	<10	321
G0558205		42	<20	<0.01	<10	<10	15	<10	121
G0558206		95	20	<0.01	<10	<10	10	<10	117
G0558207		116	<20	<0.01	<10	<10	28	<10	378
G0558208		51	<20	<0.01	<10	<10	4	<10	27
G0558209		56	<20	<0.01	<10	<10	18	<10	259
G0558210		66	20	<0.01	<10	<10	24	<10	182
G0558211		52	<20	0.01	<10	<10	37	<10	87
G0558212		38	<20	<0.01	<10	<10	22	<10	265

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

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 30-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10095965

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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CERTIFICATE WH10095966

Project: Klaza

P.O. No.: Batch 32

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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Finalized Date: 31-JUL-2010
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Project: Klaza

CERTIFICATE OF ANALYSIS WH10095966

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558141		4.28	1.035	2.6	0.36	116	<10	230	<0.5	8	0.02	<0.5	1	5	49	1.76
G0558142		3.25	0.175	0.6	0.78	53	<10	760	0.6	<2	0.06	<0.5	6	3	201	3.48
G0558143		2.46	0.288	2.8	0.62	280	<10	160	0.7	6	0.04	<0.5	4	2	193	4.80
G0558144		2.17	0.031	0.4	0.82	53	<10	250	1.0	<2	0.04	<0.5	6	3	262	3.30
G0558145		1.74	0.095	0.9	0.63	82	<10	320	<0.5	2	0.03	<0.5	4	4	187	3.32
G0558146		2.30	0.100	2.4	0.51	185	<10	290	<0.5	5	0.05	<0.5	3	1	102	4.26
G0558147		1.74	0.069	1.9	0.52	83	<10	250	<0.5	5	0.03	<0.5	5	2	169	3.95
G0558148		4.34	0.104	1.3	0.96	56	<10	830	0.5	3	0.06	0.6	6	4	129	4.06
G0558149		3.91	1.700	1.1	1.18	26	<10	800	0.5	4	0.11	0.6	6	5	157	3.76
G0558150		4.94	0.100	0.5	0.76	26	<10	540	<0.5	<2	0.08	<0.5	3	5	169	3.94
G0558151		4.31	0.229	0.9	0.68	49	<10	720	<0.5	3	0.09	<0.5	5	4	134	3.74
G0558152		3.49	4.47	1.8	0.53	120	<10	580	<0.5	4	0.09	<0.5	2	2	134	3.14
G0558153		4.66	0.248	1.7	0.99	136	<10	440	1.3	2	0.09	1.2	6	3	523	3.66
G0558154		3.22	0.195	6.4	0.62	173	<10	280	<0.5	9	0.08	<0.5	2	2	215	3.93
G0558155		3.93	0.065	0.7	0.95	46	<10	630	0.8	2	0.10	0.8	7	4	270	3.79
G0558156		4.55	0.061	0.8	0.73	42	<10	700	0.7	<2	0.07	0.6	6	4	243	3.49
G0558157		4.88	0.716	1.0	0.83	33	<10	800	<0.5	2	0.08	<0.5	3	4	162	3.49
G0558158		4.23	0.649	1.2	0.58	39	<10	700	<0.5	5	0.08	<0.5	3	3	86	2.67
G0558159		4.68	0.116	0.9	0.75	26	<10	980	0.5	3	0.12	<0.5	6	4	126	3.03
G0558160		5.01	0.071	0.8	1.01	16	<10	1760	0.5	2	0.14	<0.5	4	5	127	3.28
G0558161		5.15	0.259	1.5	0.66	32	<10	570	<0.5	5	0.11	<0.5	3	3	83	3.45
G0558162		3.70	0.042	0.7	0.97	16	<10	1190	0.5	2	0.17	<0.5	5	5	110	3.52
G0558163		1.73	0.058	0.5	1.04	11	<10	1180	0.5	<2	0.19	<0.5	5	6	136	3.14
G0558164		2.02	0.212	3.3	0.62	55	<10	420	<0.5	5	0.14	<0.5	3	2	94	3.03
G0558165		1.68	0.043	1.4	0.86	35	<10	150	<0.5	3	0.17	<0.5	5	2	100	2.90
G0558166		2.97	0.064	2.4	0.67	136	<10	200	0.5	5	0.13	<0.5	3	2	112	3.27
G0558167		2.80	0.316	7.5	0.39	111	<10	310	<0.5	31	0.07	<0.5	1	1	52	3.91
G0558168		5.02	0.051	0.5	1.01	31	<10	620	0.5	<2	0.16	<0.5	4	5	166	4.26
G0558169		3.92	0.047	0.5	0.94	17	<10	770	0.6	<2	0.14	<0.5	5	4	132	3.02
G0558170		3.23	0.047	0.9	0.90	101	<10	410	1.2	3	0.11	<0.5	6	2	268	4.82
G0558171		2.57	0.165	3.2	0.63	102	<10	240	0.6	9	0.10	0.5	3	4	198	4.31
G0558172		1.17	0.170	3.5	0.46	31	<10	190	<0.5	6	0.04	<0.5	1	2	35	1.34
G0558173		3.92	0.093	0.8	0.88	57	<10	240	0.6	4	0.14	0.8	5	3	202	4.25
G0558174		6.24	0.038	0.6	1.27	15	<10	610	0.5	3	0.17	<0.5	7	5	170	3.93
G0558175		1.89	0.027	0.5	1.41	9	<10	1430	0.5	<2	0.23	<0.5	5	7	130	3.64
G0558176		2.65	0.089	1.4	1.40	13	<10	700	0.5	3	0.18	<0.5	4	6	214	3.35

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CERTIFICATE OF ANALYSIS WH10095966

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558141		<10	<1	0.28	10	0.03	45	59	0.01	2	340	570	0.16	9	1	32
G0558142		<10	<1	0.29	20	0.11	135	2	0.02	2	620	62	0.35	3	4	77
G0558143		<10	1	0.31	30	0.02	115	2	<0.01	2	630	583	0.28	10	3	60
G0558144		<10	<1	0.30	30	0.03	128	2	<0.01	3	710	48	0.12	3	5	39
G0558145		<10	<1	0.39	30	0.03	63	7	0.01	3	520	71	0.40	5	3	54
G0558146		<10	<1	0.50	20	0.03	78	7	0.01	1	730	130	0.65	4	3	170
G0558147		<10	<1	0.37	20	0.03	224	9	0.01	1	610	92	0.25	<2	2	47
G0558148		<10	<1	0.36	30	0.27	323	3	0.03	2	650	143	0.28	<2	4	79
G0558149		<10	<1	0.30	20	0.46	311	3	0.05	2	610	45	0.20	<2	4	47
G0558150		<10	<1	0.34	20	0.21	157	2	0.06	1	580	48	0.44	<2	3	43
G0558151		<10	<1	0.26	20	0.14	112	1	0.07	2	590	33	0.28	2	3	83
G0558152		<10	<1	0.46	30	0.04	63	2	0.01	1	540	236	0.54	14	2	131
G0558153		<10	1	0.34	20	0.03	213	4	<0.01	3	920	92	0.21	31	5	66
G0558154		<10	1	0.56	20	0.05	65	3	0.01	1	690	323	0.69	43	3	161
G0558155		<10	<1	0.27	20	0.23	338	1	0.02	2	670	82	0.14	5	5	52
G0558156		<10	<1	0.27	20	0.16	301	1	0.01	2	620	85	0.15	6	4	45
G0558157		<10	<1	0.33	20	0.25	171	3	0.04	2	570	54	0.35	<2	3	65
G0558158		<10	<1	0.29	20	0.10	71	2	0.05	1	420	66	0.31	<2	1	56
G0558159		<10	<1	0.27	20	0.11	188	3	0.03	2	630	45	0.16	<2	3	90
G0558160		<10	<1	0.27	20	0.37	218	2	0.03	2	650	52	0.17	<2	3	94
G0558161		<10	<1	0.37	20	0.11	149	<1	0.06	1	560	54	0.50	<2	2	73
G0558162		<10	<1	0.28	20	0.30	184	1	0.04	2	640	39	0.22	<2	4	63
G0558163		<10	<1	0.21	20	0.48	198	<1	0.04	2	640	19	0.32	<2	4	80
G0558164		<10	<1	0.41	30	0.09	75	<1	0.01	1	600	65	0.51	2	2	80
G0558165		<10	<1	0.19	10	0.14	267	1	0.06	1	640	30	0.23	<2	3	54
G0558166		<10	<1	0.32	20	0.07	80	2	0.02	1	680	78	0.30	10	3	74
G0558167		<10	<1	0.62	50	0.03	41	1	0.01	1	530	271	0.91	18	1	149
G0558168		<10	<1	0.30	30	0.31	112	1	0.04	1	740	32	0.40	2	5	83
G0558169		<10	<1	0.23	30	0.20	153	1	0.01	2	670	33	0.16	5	5	48
G0558170		<10	<1	0.33	30	0.08	101	10	0.01	2	1080	149	0.42	11	5	210
G0558171		<10	<1	0.37	30	0.05	96	5	0.01	1	760	214	0.29	12	3	138
G0558172		<10	<1	0.38	20	0.04	59	2	0.01	1	210	316	0.16	5	1	64
G0558173		<10	<1	0.36	30	0.13	215	4	<0.01	2	660	98	0.30	11	4	86
G0558174		<10	<1	0.23	20	0.46	299	4	0.02	2	630	50	0.18	<2	5	64
G0558175		10	<1	0.18	20	0.70	201	2	0.07	2	620	27	0.15	<2	5	74
G0558176		<10	<1	0.23	10	0.67	260	<1	0.02	2	600	54	0.04	<2	5	34

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

Finalized Date: 31-JUL-2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10095966

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
G0558141		<20	<0.01	<10	<10	4	<10	66
G0558142		<20	<0.01	<10	<10	19	<10	129
G0558143		<20	<0.01	<10	<10	11	<10	555
G0558144		20	<0.01	<10	<10	19	<10	243
G0558145		<20	<0.01	<10	<10	11	<10	123
G0558146		<20	<0.01	<10	<10	9	<10	206
G0558147		<20	<0.01	<10	<10	10	<10	292
G0558148		<20	<0.01	<10	<10	26	<10	308
G0558149		<20	<0.01	<10	<10	32	<10	142
G0558150		<20	<0.01	<10	<10	23	<10	206
G0558151		<20	<0.01	<10	<10	19	<10	97
G0558152		<20	<0.01	<10	<10	9	<10	127
G0558153		20	<0.01	<10	<10	20	<10	242
G0558154		<20	<0.01	<10	<10	11	<10	192
G0558155		20	<0.01	<10	<10	27	<10	322
G0558156		<20	<0.01	<10	<10	24	<10	322
G0558157		<20	<0.01	<10	<10	22	<10	141
G0558158		<20	<0.01	<10	<10	10	<10	79
G0558159		<20	<0.01	<10	<10	13	<10	99
G0558160		<20	<0.01	<10	<10	20	<10	97
G0558161		<20	<0.01	<10	<10	15	<10	84
G0558162		<20	<0.01	<10	<10	25	<10	102
G0558163		20	<0.01	<10	<10	36	<10	85
G0558164		<20	<0.01	<10	<10	13	<10	71
G0558165		20	<0.01	<10	<10	13	<10	173
G0558166		20	<0.01	<10	<10	11	<10	206
G0558167		<20	<0.01	<10	<10	6	<10	43
G0558168		20	<0.01	<10	<10	25	<10	162
G0558169		20	<0.01	<10	<10	25	<10	107
G0558170		20	<0.01	<10	<10	15	<10	419
G0558171		<20	<0.01	<10	<10	12	<10	352
G0558172		<20	<0.01	<10	<10	6	<10	36
G0558173		20	<0.01	<10	<10	19	<10	353
G0558174		<20	<0.01	<10	<10	33	<10	199
G0558175		<20	0.01	<10	<10	46	<10	87
G0558176		<20	<0.01	<10	<10	35	<10	132

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

Finalized Date: 29-JUL-2010
Account: ROCKHA

CERTIFICATE WH10095967

Project: Klaza

P.O. No.: Batch 31

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 29-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10095967

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558105		1.74	0.089	1.7	0.60	105	<10	300	0.5	2	0.17	5.3	2	2	219	6.09
G0558106		5.24	0.483	1.3	0.91	60	<10	1470	0.7	3	0.13	1.3	4	5	199	3.80
G0558107		2.36	0.227	3.6	0.79	53	<10	200	<0.5	19	0.27	0.9	2	3	180	3.56
G0558108		3.78	0.150	0.9	1.21	30	<10	560	0.5	3	0.20	1.3	7	6	203	3.32
G0558109		2.90	0.057	0.6	0.97	28	<10	1470	0.8	<2	0.42	4.2	8	6	162	3.12
G0558110		3.97	0.064	0.6	1.22	28	<10	830	0.5	2	0.19	0.5	2	7	151	3.12
G0558111		1.25	0.050	0.7	1.48	23	<10	230	0.7	<2	0.21	0.6	3	7	234	3.23
G0558112		4.83	0.114	0.9	1.12	25	<10	810	0.6	<2	0.19	1.7	5	7	171	2.95
G0558113		4.38	0.073	0.8	0.75	40	<10	1150	0.8	<2	0.14	4.0	6	4	184	3.73
G0558114		2.82	0.174	1.7	0.64	108	<10	280	0.8	3	0.09	2.0	3	3	315	3.81
G0558115		1.50	1.045	18.8	0.65	740	<10	230	0.6	21	0.18	4.7	3	4	379	7.61
G0558116		3.34	0.146	1.3	0.49	92	<10	550	<0.5	2	0.07	0.9	2	2	131	3.70
G0558117		5.81	0.063	0.6	0.76	60	<10	690	0.9	<2	0.14	6.8	14	2	300	3.23
G0558118		4.92	0.634	3.9	0.48	104	<10	560	<0.5	8	0.11	1.3	7	1	173	4.20
G0558119		5.33	0.154	1.7	0.61	170	<10	680	0.7	2	0.12	1.6	2	2	370	4.02
G0558120		4.42	0.335	1.9	0.56	133	<10	520	0.6	3	0.11	1.5	3	2	254	4.27
G0558121		2.07	0.272	2.0	0.42	82	<10	430	<0.5	5	0.07	<0.5	1	2	63	2.46
G0558122		2.28	0.229	4.9	0.67	208	<10	240	0.5	13	0.18	0.5	1	1	238	4.74
G0558123		6.15	0.137	1.9	0.62	118	<10	580	0.8	3	0.21	2.9	7	2	393	4.27
G0558124		2.68	0.234	3.5	0.36	157	<10	160	<0.5	9	0.04	<0.5	<1	2	22	2.45
G0558125		2.46	0.377	5.3	0.33	154	<10	140	<0.5	8	0.02	<0.5	<1	4	15	1.77
G0558126		2.35	0.298	3.1	0.54	324	<10	80	0.8	12	0.08	1.3	4	2	273	4.54
G0558127		2.01	0.190	0.8	0.63	170	<10	80	0.9	<2	0.41	13.0	9	2	190	2.87
G0558128		5.02	0.206	2.5	0.62	234	<10	670	0.6	3	0.10	1.3	3	2	236	3.19
G0558129		5.96	0.077	0.6	0.61	69	<10	730	0.5	<2	0.05	0.6	2	2	232	3.32
G0558130		2.35	3.40	31.8	0.40	551	<10	170	<0.5	65	0.08	<0.5	2	1	90	6.27
G0558131		0.96	0.643	10.9	0.19	150	<10	90	<0.5	9	0.01	<0.5	<1	7	18	1.06
G0558132		3.94	0.103	1.3	0.59	104	<10	680	<0.5	<2	0.05	<0.5	2	2	183	3.52
G0558133		1.26	0.087	2.2	0.60	301	<10	490	<0.5	4	0.04	<0.5	<1	2	207	5.26
G0558134		1.41	1.515	21.1	0.38	667	<10	220	<0.5	74	0.02	<0.5	<1	2	63	5.40
G0558135		1.85	0.085	2.0	0.44	241	<10	270	<0.5	3	0.05	<0.5	<1	2	140	4.24
G0558136		4.23	0.309	4.5	0.48	188	<10	300	<0.5	6	0.05	<0.5	1	3	154	4.02
G0558137		1.86	0.404	1.8	0.66	207	<10	230	0.6	5	0.07	0.8	2	2	340	6.34
G0558138		3.40	0.132	1.3	0.80	50	<10	740	0.5	3	0.06	<0.5	3	4	194	3.80
G0558139		4.06	0.074	0.8	0.86	44	<10	680	0.5	2	0.06	<0.5	4	2	169	4.04
G0558140		1.84	2.39	2.0	0.40	140	<10	380	<0.5	15	0.04	<0.5	2	3	101	2.89

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VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 29-JUL-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10095967

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558105		<10	<1	0.59	30	0.05	564	3	0.02	8	630	219	0.84	3	3	44
G0558106		<10	<1	0.27	20	0.30	241	4	0.03	3	640	92	0.10	<2	3	60
G0558107		<10	<1	0.55	50	0.12	118	1	0.03	1	540	55	0.86	<2	2	167
G0558108		<10	<1	0.20	20	0.61	210	1	0.05	2	570	28	0.12	<2	3	32
G0558109		<10	<1	0.26	20	0.40	807	1	0.04	2	590	21	0.12	<2	3	74
G0558110		10	<1	0.24	20	0.56	140	1	0.06	1	600	21	0.18	<2	3	47
G0558111		10	<1	0.16	20	0.67	157	<1	0.04	<1	650	21	0.05	<2	4	28
G0558112		<10	1	0.22	20	0.50	258	1	0.05	1	620	26	0.23	<2	4	50
G0558113		<10	<1	0.26	20	0.07	409	1	0.03	2	580	33	0.12	6	4	55
G0558114		<10	1	0.30	20	0.03	108	3	0.01	2	600	61	0.24	21	3	68
G0558115		<10	1	0.24	20	0.05	120	5	0.01	15	800	1350	0.22	87	2	77
G0558116		<10	<1	0.42	20	0.04	59	5	0.06	<1	460	70	0.57	4	2	66
G0558117		<10	<1	0.30	20	0.04	547	2	0.02	2	600	28	0.20	11	4	43
G0558118		<10	<1	0.42	20	0.03	108	2	0.03	<1	450	102	0.54	18	2	60
G0558119		<10	<1	0.42	20	0.04	117	2	0.02	<1	660	177	0.47	15	3	56
G0558120		<10	<1	0.41	20	0.05	170	3	0.04	<1	650	74	0.54	6	3	58
G0558121		<10	<1	0.41	20	0.03	112	8	0.01	<1	250	105	0.38	4	1	33
G0558122		<10	<1	0.66	20	0.06	79	2	0.01	<1	920	87	0.96	15	4	135
G0558123		<10	<1	0.39	20	0.05	763	3	0.02	2	660	51	0.41	3	4	51
G0558124		<10	1	0.64	10	0.03	47	1	0.01	<1	150	89	0.77	10	1	32
G0558125		<10	<1	0.49	10	0.02	40	1	0.01	1	80	93	0.57	<2	1	19
G0558126		<10	<1	0.32	10	0.03	176	2	<0.01	3	690	89	0.26	7	2	65
G0558127		<10	<1	0.32	20	0.04	2190	2	<0.01	7	1160	24	0.22	2	3	30
G0558128		<10	<1	0.34	20	0.04	155	1	0.01	1	880	167	0.23	7	3	55
G0558129		<10	<1	0.36	30	0.03	90	2	0.02	1	660	48	0.36	3	2	69
G0558130		<10	1	0.48	10	0.04	198	6	0.01	1	400	920	0.60	41	1	91
G0558131		<10	<1	0.20	10	0.01	59	<1	<0.01	1	40	112	0.23	2	<1	7
G0558132		<10	<1	0.43	20	0.03	83	3	0.02	1	690	67	0.45	6	3	72
G0558133		<10	<1	0.51	20	0.03	50	7	0.02	<1	890	146	0.54	25	2	94
G0558134		<10	2	0.52	20	0.02	30	7	0.01	<1	660	2410	0.63	114	1	97
G0558135		<10	<1	0.56	20	0.02	38	3	0.01	<1	610	185	0.78	14	1	108
G0558136		<10	<1	0.47	20	0.02	66	3	0.01	1	590	535	0.62	16	2	109
G0558137		<10	1	0.51	20	0.03	372	2	0.01	<1	1000	86	0.65	<2	3	174
G0558138		<10	<1	0.33	30	0.14	162	4	0.04	1	630	58	0.30	<2	3	97
G0558139		<10	<1	0.35	30	0.09	196	3	0.02	1	600	56	0.28	2	3	64
G0558140		<10	<1	0.33	20	0.03	54	37	0.01	1	410	211	0.46	4	1	34

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Project: Klaza

CERTIFICATE OF ANALYSIS WH10095967

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
G0558105		<20	<0.01	<10	<10	15	<10	407
G0558106		<20	<0.01	<10	<10	26	<10	225
G0558107		<20	<0.01	<10	<10	14	<10	67
G0558108		<20	<0.01	<10	<10	32	<10	119
G0558109		<20	<0.01	<10	<10	23	<10	155
G0558110		<20	<0.01	<10	<10	32	<10	148
G0558111		<20	<0.01	<10	<10	32	<10	198
G0558112		<20	<0.01	<10	<10	30	<10	181
G0558113		<20	<0.01	<10	<10	22	<10	268
G0558114		<20	<0.01	<10	<10	16	<10	441
G0558115		<20	0.01	<10	<10	15	<10	399
G0558116		<20	<0.01	<10	<10	8	<10	162
G0558117		<20	<0.01	<10	<10	16	<10	319
G0558118		<20	<0.01	<10	<10	10	<10	177
G0558119		<20	<0.01	<10	<10	14	<10	299
G0558120		<20	<0.01	<10	<10	14	<10	341
G0558121		<20	<0.01	<10	<10	6	<10	154
G0558122		20	<0.01	<10	<10	12	<10	144
G0558123		<20	<0.01	<10	<10	17	<10	267
G0558124		<20	<0.01	<10	<10	6	<10	25
G0558125		<20	<0.01	<10	<10	5	<10	14
G0558126		<20	<0.01	<10	<10	13	<10	511
G0558127		<20	<0.01	<10	<10	9	<10	615
G0558128		<20	<0.01	<10	<10	16	<10	340
G0558129		<20	<0.01	<10	<10	13	<10	192
G0558130		<20	<0.01	<10	<10	11	<10	326
G0558131		<20	<0.01	<10	<10	3	<10	17
G0558132		20	<0.01	<10	<10	13	<10	200
G0558133		20	<0.01	<10	<10	15	<10	164
G0558134		20	0.01	<10	<10	7	<10	40
G0558135		<20	<0.01	<10	<10	8	<10	185
G0558136		20	<0.01	<10	<10	11	<10	206
G0558137		20	<0.01	<10	<10	17	<10	261
G0558138		<20	<0.01	<10	<10	19	<10	174
G0558139		<20	<0.01	<10	<10	17	<10	213
G0558140		<20	<0.01	<10	<10	6	<10	100

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2-AUG-2010
Account: ROCKHA

CERTIFICATE WH10095968

Project: Klaza

P.O. No.: Batch 30

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 2-AUG-2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10095968

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G0557753		2.56	0.024		0.7	1.26	42	<10	160	<0.5	<2	1.02	0.6	9	8	52
G0557754		3.40	0.052		0.5	1.20	38	<10	630	0.5	<2	2.37	0.7	8	8	23
G0557755		1.70	0.188		6.4	0.64	171	<10	40	<0.5	7	1.34	1.5	11	5	101
G0557756		2.98	1.450		1.3	0.38	1060	<10	320	0.6	<2	5.39	7.2	5	2	23
G0557757		3.43	0.045		0.4	0.80	59	<10	740	0.5	<2	0.96	3.9	6	5	24
G0557758		2.86	0.564		10.5	0.50	231	<10	160	0.6	6	1.01	20.1	7	3	379
G0557759		1.96	0.363		21.0	0.39	454	<10	250	<0.5	12	0.16	6.4	1	1	145
G0557760		5.19	0.400		2.7	0.45	155	<10	460	0.7	<2	0.95	32.3	6	3	56
G0557761		2.55	0.768		11.0	0.34	425	<10	450	<0.5	5	0.09	4.6	<1	1	137
G0557762		2.27	0.209		2.8	0.47	161	<10	310	0.9	5	0.28	63.8	9	1	126
G0557763		0.16	>10.0	15.15	10.0	0.28	483	<10	30	<0.5	<2	0.15	<0.5	8	27	47
G0557764		6.90	0.057		0.8	0.61	93	<10	270	0.7	3	1.45	18.7	9	4	51
G0557765		2.02	0.262		1.1	0.46	90	<10	50	0.6	2	0.90	25.6	10	3	48
G0557766		3.32	0.036		1.1	0.60	61	<10	360	0.9	2	0.73	57.1	10	4	50
G0557767		2.80	0.673		3.4	0.30	318	<10	100	<0.5	3	0.58	6.9	2	2	32
G0557768		6.52	0.264		3.3	0.38	275	<10	50	0.6	2	2.21	22.2	9	2	71
G0557769		3.59	0.516		3.8	0.41	574	<10	70	0.6	<2	2.20	46.9	8	2	91
G0557770		3.54	0.486		7.3	0.45	785	<10	110	0.7	2	2.44	52.4	5	2	138
G0557771		1.84	0.025		1.1	0.41	128	<10	100	0.7	3	2.22	10.8	8	3	32
G0557772		2.03	>10.0	28.6	>100	0.28	4990	<10	70	<0.5	3	4.00	174.5	<1	1	191
G0557773		1.75	0.108		3.4	0.69	491	<10	150	1.4	3	1.65	131.5	8	5	170
G0557774		0.52	<0.005		<0.2	0.03	7	<10	10	<0.5	<2	19.9	0.8	<1	1	<1
G0557775		1.92	2.38		17.4	0.35	1790	<10	290	<0.5	7	0.13	8.6	1	2	40
G0557776		4.19	0.037		0.7	1.01	77	<10	270	0.7	<2	0.73	25.4	9	7	32
G0557777		3.22	0.046		0.6	0.61	129	<10	740	0.8	4	0.35	22.5	8	4	68
G0557778		2.73	0.032		0.8	0.77	202	<10	220	0.7	3	0.21	27.2	8	4	136
G0557779		1.71	1.230		9.1	0.49	2030	<10	650	0.6	3	0.13	23.7	1	3	161
G0557780		2.82	0.322		11.6	0.30	529	<10	320	<0.5	11	0.08	11.0	<1	2	80
G0557781		3.69	0.187		3.4	0.57	484	<10	420	0.8	2	0.16	28.0	7	3	187
G0557782		2.23	0.471		7.6	0.47	755	<10	200	<0.5	4	0.17	11.5	<1	3	73
G0557783		4.81	0.046		0.4	1.07	22	<10	310	<0.5	<2	0.89	1.9	5	7	49
G0557784		5.40	0.099		1.7	1.34	67	<10	430	0.5	5	0.69	1.5	6	8	35
G0557785		4.80	0.028		0.5	1.22	21	<10	400	<0.5	2	0.69	0.5	8	8	25
G0557786		3.67	0.097		1.5	0.80	98	<10	900	0.5	5	0.23	0.9	8	5	52
G0557787		1.56	0.123		3.5	0.33	131	<10	380	<0.5	7	0.03	<0.5	1	1	24
G0557788		4.10	0.039		1.3	0.79	68	<10	290	0.5	4	0.70	1.5	7	5	83

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 2-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10095968

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G0557753		2.96	<10	<1	0.12	20	0.68	571	2	0.06	3	580	18	0.36	<2	5
G0557754		2.86	<10	<1	0.15	20	0.70	1235	3	0.06	2	580	18	0.21	<2	6
G0557755		5.06	<10	<1	0.21	10	0.40	1160	3	0.02	1	560	152	2.97	5	5
G0557756		3.07	<10	<1	0.23	10	1.17	13350	2	0.02	4	750	98	0.60	6	4
G0557757		2.62	<10	<1	0.17	20	0.37	1095	1	0.07	3	600	33	0.22	<2	6
G0557758		4.12	<10	<1	0.23	20	0.31	2290	3	0.02	2	560	994	1.29	35	4
G0557759		3.22	<10	1	0.27	10	0.03	174	3	0.01	<1	420	4770	0.53	29	2
G0557760		3.06	<10	<1	0.28	20	0.06	3190	5	0.03	2	830	1075	0.46	4	3
G0557761		5.41	<10	<1	0.30	20	0.02	247	4	0.02	<1	510	1085	0.25	17	2
G0557762		3.96	<10	<1	0.27	20	0.06	8550	2	0.02	2	590	183	0.57	7	3
G0557763		3.20	<10	3	0.18	10	0.06	140	5	0.01	15	510	9	2.19	28	1
G0557764		3.20	<10	<1	0.23	20	0.25	1390	3	0.02	3	640	35	0.75	2	5
G0557765		3.89	<10	<1	0.22	20	0.19	1450	2	0.01	2	520	49	1.94	<2	5
G0557766		3.44	<10	<1	0.26	20	0.22	2260	2	0.02	3	600	47	0.54	<2	5
G0557767		3.39	<10	<1	0.33	10	0.05	312	4	0.01	1	480	669	1.27	<2	2
G0557768		3.99	<10	1	0.27	10	0.66	3460	3	0.01	2	540	603	1.96	<2	3
G0557769		3.36	<10	1	0.24	10	0.60	1355	2	0.01	2	560	1770	1.69	<2	5
G0557770		3.87	<10	<1	0.31	10	0.39	1910	3	0.01	2	550	1195	1.80	6	3
G0557771		4.08	<10	<1	0.28	10	0.58	1890	<1	0.01	2	610	369	0.89	<2	6
G0557772		3.73	<10	1	0.32	<10	1.31	2830	<1	0.02	<1	280	>10000	3.08	38	1
G0557773		4.15	<10	<1	0.27	20	0.22	2430	1	0.02	2	670	436	1.18	2	8
G0557774		0.35	<10	<1	0.02	<10	12.55	189	<1	0.01	3	290	8	<0.01	<2	<1
G0557775		2.82	<10	<1	0.31	20	0.05	73	6	0.02	<1	370	3180	0.33	20	1
G0557776		3.60	<10	1	0.24	20	0.43	2220	2	0.03	2	680	55	0.17	<2	6
G0557777		3.31	<10	<1	0.24	20	0.11	1570	3	0.05	3	640	30	0.14	3	5
G0557778		3.54	<10	<1	0.19	20	0.16	1375	4	0.03	1	670	36	0.04	3	5
G0557779		5.83	<10	<1	0.29	20	0.04	290	3	0.04	<1	710	2340	0.32	18	6
G0557780		3.91	<10	1	0.46	10	0.03	283	2	0.02	<1	360	944	0.64	5	1
G0557781		4.67	<10	<1	0.33	20	0.05	1225	6	0.03	1	640	265	0.35	4	4
G0557782		5.84	<10	<1	0.58	30	0.04	160	10	0.04	1	570	957	1.02	4	4
G0557783		2.89	<10	<1	0.17	20	0.56	718	4	0.06	2	590	20	0.19	<2	5
G0557784		3.49	<10	<1	0.16	20	0.59	735	3	0.05	2	590	57	0.37	<2	5
G0557785		2.92	<10	<1	0.18	20	0.64	791	13	0.06	1	620	19	0.22	<2	5
G0557786		3.54	<10	<1	0.23	20	0.26	789	4	0.06	2	590	50	0.13	<2	5
G0557787		2.08	<10	<1	0.31	10	0.02	131	2	0.02	1	320	93	0.31	<2	1
G0557788		3.06	<10	<1	0.24	20	0.29	1190	3	0.03	3	600	37	0.30	<2	5

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

Finalized Date: 2-AUG-2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10095968

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001
G0557753		37	<20	0.02	<10	<10	48	<10	133		
G0557754		78	<20	0.01	<10	<10	46	<10	140		
G0557755		56	<20	<0.01	<10	<10	29	<10	353		
G0557756		105	<20	<0.01	<10	<10	10	<10	626		
G0557757		36	<20	0.01	<10	<10	33	<10	765		
G0557758		26	<20	<0.01	<10	<10	23	<10	1485		
G0557759		24	<20	<0.01	<10	<10	9	<10	761		
G0557760		15	<20	<0.01	<10	<10	16	<10	2190		
G0557761		26	<20	<0.01	<10	<10	8	<10	1135		
G0557762		19	<20	<0.01	<10	<10	10	<10	3770		
G0557763		7	<20	<0.01	<10	<10	13	<10	49		
G0557764		34	<20	<0.01	<10	<10	23	<10	1695		
G0557765		25	<20	<0.01	<10	<10	22	<10	2610		
G0557766		34	<20	<0.01	<10	<10	19	<10	2850		
G0557767		28	<20	<0.01	<10	<10	6	<10	932		
G0557768		62	<20	<0.01	<10	<10	16	<10	1840		
G0557769		84	<20	<0.01	<10	<10	19	<10	3130		
G0557770		75	<20	<0.01	<10	<10	10	<10	2980		
G0557771		83	<20	<0.01	<10	<10	24	<10	1965		
G0557772		64	<20	<0.01	<10	<10	4	<10	9600	95	1.795
G0557773		43	<20	<0.01	<10	<10	28	<10	4110		
G0557774		48	<20	<0.01	<10	20	1	<10	30		
G0557775		38	<20	<0.01	<10	<10	7	<10	909		
G0557776		28	<20	0.01	<10	<10	35	<10	2690		
G0557777		16	<20	<0.01	<10	<10	26	<10	2290		
G0557778		11	<20	<0.01	<10	<10	32	<10	2130		
G0557779		40	<20	<0.01	<10	<10	19	<10	1680		
G0557780		42	<20	<0.01	<10	<10	13	<10	491		
G0557781		24	<20	<0.01	<10	<10	19	<10	1815		
G0557782		85	<20	<0.01	<10	<10	23	<10	1030		
G0557783		33	<20	0.01	<10	<10	39	<10	218		
G0557784		44	<20	0.02	<10	<10	43	<10	175		
G0557785		37	<20	0.01	<10	<10	41	30	72		
G0557786		34	<20	0.01	<10	<10	33	<10	117		
G0557787		23	<20	<0.01	<10	<10	7	<10	60		
G0557788		22	<20	0.01	<10	<10	33	<10	196		

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VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101061

Project: KLAZA

P.O. No.: Batch 44

This report is for 20 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KLAZA

Finalized Date: 4-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101061

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G0557950		1.36	0.034		1.9	0.67	331	<10	420	<0.5	<2	0.16	1.4	3	5	54
G0557790		5.56	1.155		30.0	0.31	838	<10	230	<0.5	20	0.09	4.8	<1	2	61
G0557791		3.64	0.038		1.5	0.83	67	<10	380	0.9	3	0.20	23.9	9	4	150
G0557792		3.66	0.030		1.6	0.57	46	<10	550	0.7	2	0.21	31.4	13	4	94
G0557793		0.89	<0.005		<0.2	0.05	3	<10	20	<0.5	<2	19.0	<0.5	1	1	3
G0557794		3.66	0.049		2.1	0.71	55	<10	600	0.7	<2	0.37	18.1	7	5	96
G0557795		3.26	0.040		1.0	0.55	101	<10	700	0.9	<2	0.23	20.5	10	3	46
G0557796		5.70	0.006		<0.2	1.15	5	<10	280	<0.5	<2	0.66	<0.5	6	9	22
G0557797		0.11	>10.0	14.80	7.5	0.45	478	<10	50	<0.5	<2	0.16	<0.5	7	27	47
G0557798		9.15	0.011		0.2	1.40	14	<10	250	0.7	<2	0.81	<0.5	7	8	21
G0557799		8.52	0.024		<0.2	1.15	11	<10	480	0.5	<2	0.55	<0.5	7	8	18
G0557800		5.91	0.014		<0.2	0.95	22	<10	770	0.7	<2	0.36	<0.5	8	6	29
G0558230		4.65	0.012		<0.2	1.32	11	<10	350	0.7	<2	1.13	<0.5	6	7	18
G0558231		2.87	0.007		<0.2	1.09	13	<10	470	0.7	<2	1.21	<0.5	7	5	15
G0558232		3.00	0.005		<0.2	1.16	6	<10	410	0.7	<2	6.75	<0.5	5	5	9
G0558233		3.73	0.005		<0.2	0.45	12	<10	600	<0.5	<2	0.43	<0.5	4	3	15
G0558234		5.93	0.007		0.3	0.96	15	<10	560	<0.5	<2	0.65	<0.5	5	6	15
G0558235		3.98	<0.005		<0.2	1.51	7	<10	270	0.6	<2	2.03	<0.5	6	6	14
G0558236		2.14	0.006		0.4	1.49	12	<10	200	0.5	<2	1.13	<0.5	8	7	22
G0558237		6.50	0.008		0.4	1.54	18	<10	370	0.6	<2	1.83	<0.5	8	7	55

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

Finalized Date: 4-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101061

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G0557950		3.34	<10	1	0.21	10	0.11	161	2	0.03	2	440	215	0.21	2	5
G0557790		4.03	<10	<1	0.37	20	0.02	90	2	0.02	<1	510	1370	0.53	23	3
G0557791		4.74	<10	<1	0.19	20	0.10	1750	2	0.01	1	720	234	0.12	<2	7
G0557792		4.34	<10	1	0.19	30	0.09	3230	2	0.01	2	630	107	0.03	<2	6
G0557793		0.41	<10	<1	0.02	10	12.05	196	<1	0.01	<1	190	2	<0.01	<2	<1
G0557794		3.86	<10	1	0.20	20	0.28	1535	2	0.03	2	610	904	0.07	2	5
G0557795		4.02	<10	<1	0.23	20	0.08	2530	10	0.01	1	630	183	0.15	<2	6
G0557796		2.63	<10	1	0.14	20	0.59	461	1	0.07	1	610	10	0.03	<2	5
G0557797		3.37	<10	2	0.27	10	0.08	162	5	0.01	15	510	7	2.16	24	2
G0557798		2.77	<10	<1	0.12	30	0.59	661	1	0.02	1	630	11	0.06	<2	7
G0557799		2.84	<10	<1	0.11	20	0.57	731	1	0.03	1	630	15	0.11	<2	5
G0557800		2.48	<10	<1	0.13	20	0.26	470	2	0.02	2	600	14	0.03	<2	6
G0558230		2.49	10	<1	0.14	30	0.53	547	1	0.02	2	580	12	0.03	<2	6
G0558231		2.62	<10	<1	0.18	30	0.45	438	1	0.02	<1	620	11	0.12	<2	4
G0558232		2.26	<10	<1	0.14	30	0.45	1000	<1	0.02	2	480	10	0.01	<2	5
G0558233		1.63	<10	<1	0.13	30	0.11	272	4	0.02	8	180	24	0.09	<2	2
G0558234		3.41	<10	<1	0.17	20	0.43	445	1	0.03	3	570	25	0.07	<2	4
G0558235		2.83	<10	<1	0.13	20	0.58	553	1	0.02	2	560	9	0.01	<2	4
G0558236		2.80	10	<1	0.10	20	0.72	756	<1	0.02	3	570	12	0.04	<2	5
G0558237		3.10	10	1	0.11	20	0.61	775	1	0.02	3	570	16	0.04	<2	5

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Finalized Date: 4-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101061

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
G0557950		34	<20	0.03	<10	<10	64	<10	347
G0557790		31	<20	<0.01	<10	<10	13	<10	667
G0557791		18	<20	<0.01	<10	10	37	<10	2380
G0557792		11	<20	0.01	<10	<10	34	<10	2660
G0557793		47	<20	<0.01	<10	<10	1	<10	57
G0557794		16	<20	0.02	<10	<10	35	<10	1500
G0557795		22	<20	<0.01	<10	10	27	<10	1130
G0557796		34	<20	0.08	<10	<10	55	<10	65
G0557797		7	<20	0.01	<10	<10	19	<10	54
G0557798		37	<20	0.01	<10	<10	48	<10	43
G0557799		32	<20	0.03	<10	<10	50	<10	41
G0557800		19	<20	0.02	<10	<10	43	<10	64
G0558230		41	20	0.01	<10	<10	45	<10	49
G0558231		37	20	0.02	<10	<10	41	<10	35
G0558232		228	<20	0.02	<10	<10	40	<10	32
G0558233		18	30	0.01	<10	<10	11	<10	38
G0558234		34	<20	0.04	<10	<10	39	<10	43
G0558235		67	<20	0.05	<10	<10	51	<10	35
G0558236		43	<20	0.03	<10	<10	51	<10	44
G0558237		90	<20	0.03	<10	<10	48	<10	57

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Finalized Date: 4-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101062

Project: KLAZA

P.O. No.: Batch 43

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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Project: KLAZA

Finalized Date: 4-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101062

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0557914		3.10	0.014	0.8	0.69	75	<10	550	0.5	<2	0.17	9.4	6	6	22	4.44
G0557915		3.16	0.005	<0.2	1.22	9	<10	310	<0.5	<2	0.84	0.7	7	10	14	2.70
G0557916		1.68	0.006	<0.2	0.96	11	<10	190	0.5	<2	0.74	0.6	6	7	19	2.21
G0557917		1.93	0.019	0.2	0.98	22	<10	280	1.2	<2	0.28	3.3	13	5	50	3.00
G0557918		7.41	0.033	0.4	0.73	31	<10	660	0.7	<2	0.18	1.8	7	4	118	2.81
G0557919		2.76	0.033	0.4	0.77	33	<10	370	0.9	<2	0.31	4.7	15	3	92	3.34
G0557920		3.10	0.395	3.1	0.48	137	<10	390	<0.5	19	0.08	0.7	4	2	57	3.27
G0557921		1.87	<0.005	<0.2	0.74	11	<10	520	0.5	<2	0.14	0.6	7	5	23	2.25
G0557922		4.64	0.007	<0.2	1.03	16	<10	1030	0.6	<2	0.34	1.4	9	6	10	2.89
G0557923		8.24	0.010	0.2	1.12	14	<10	720	0.6	<2	0.48	0.9	7	6	10	2.69
G0557924		4.30	0.015	<0.2	0.75	19	<10	1190	0.7	<2	0.55	0.7	8	12	15	2.83
G0557925		7.18	0.012	0.2	0.89	26	<10	1030	0.8	<2	0.41	1.5	8	5	14	3.00
G0557926		2.71	0.023	0.2	0.75	28	<10	1630	0.7	<2	0.39	3.1	9	4	38	3.28
G0557927		4.48	0.007	<0.2	0.84	21	<10	670	0.8	<2	0.37	3.7	9	5	21	2.97
G0557928		3.88	0.005	<0.2	1.01	7	<10	210	0.7	<2	0.34	3.0	8	6	11	3.04
G0557929		5.32	0.020	0.3	0.80	30	<10	410	0.8	<2	0.27	8.7	9	4	21	3.12
G0557930		7.52	0.026	0.6	1.06	28	<10	360	0.7	<2	0.35	7.5	11	6	68	3.19
G0557931		3.42	0.113	1.8	0.75	80	<10	410	0.5	4	0.15	7.3	5	5	58	3.71
G0557932		3.34	0.014	0.2	1.08	23	<10	200	0.8	<2	0.24	7.7	8	6	23	3.31
G0557933		2.38	0.012	0.5	0.86	25	<10	370	0.6	3	0.20	21.9	10	5	138	3.45
G0557934		2.91	0.017	0.9	1.48	47	<10	320	0.7	<2	0.35	11.1	11	7	26	3.90
G0557935		4.69	0.028	1.4	0.79	93	<10	500	0.7	<2	0.19	18.0	10	4	88	4.51
G0557936		3.04	0.010	0.2	1.09	23	<10	450	<0.5	<2	0.66	9.3	8	7	20	3.01
G0557937		3.40	0.029	0.8	1.15	46	<10	730	0.9	<2	0.28	19.7	10	7	40	3.96
G0557938		2.22	0.466	8.8	0.56	293	<10	660	0.5	<2	0.09	13.5	5	2	112	5.15
G0557939		3.37	0.050	1.9	0.51	95	<10	650	0.5	7	0.17	10.8	10	3	91	4.05
G0557940		2.26	0.017	0.8	0.58	45	<10	260	0.6	<2	0.96	12.6	9	3	25	3.31
G0557941		1.50	0.046	1.7	0.57	79	<10	380	1.2	<2	0.20	28.1	11	2	71	6.50
G0557942		2.57	0.008	0.2	0.71	9	<10	320	0.6	<2	0.25	18.3	5	5	5	2.43
G0557943		3.83	0.018	0.4	1.17	21	<10	640	0.7	<2	0.24	17.6	9	5	19	2.61
G0557944		5.63	0.015	0.6	0.65	62	<10	600	1.2	<2	0.28	35.5	12	3	32	4.09
G0557945		5.61	0.079	2.2	0.59	169	<10	530	0.7	<2	0.13	24.2	6	2	87	5.48
G0557946		6.06	0.038	0.9	0.69	83	<10	1060	1.0	<2	0.18	37.8	11	3	72	3.67
G0557947		6.20	0.316	7.0	0.76	222	<10	670	0.5	2	0.14	27.9	5	2	357	4.78
G0557948		5.30	0.034	0.4	1.58	28	<10	590	0.9	<2	0.37	12.6	13	5	45	3.28
G0557949		6.12	0.012	0.3	1.04	14	<10	260	0.5	<2	0.49	9.9	7	7	19	2.80

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101062

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0557914		<10	<1	0.41	20	0.06	1460	7	0.01	3	500	156	0.29	5	4	23
G0557915		<10	<1	0.17	20	0.63	569	2	0.07	1	610	16	0.08	<2	6	49
G0557916		<10	<1	0.16	20	0.43	433	3	0.06	<1	490	17	0.07	2	5	34
G0557917		<10	<1	0.14	40	0.16	1350	7	<0.01	<1	670	25	0.01	6	8	12
G0557918		<10	<1	0.22	30	0.10	417	11	0.03	<1	450	34	0.04	5	4	19
G0557919		<10	<1	0.28	30	0.06	2200	10	0.01	1	630	31	0.12	15	5	12
G0557920		<10	<1	0.34	20	0.03	158	6	<0.01	<1	340	123	0.23	12	3	28
G0557921		<10	<1	0.11	20	0.03	434	2	<0.01	<1	570	12	0.03	3	8	13
G0557922		<10	<1	0.16	30	0.25	973	2	<0.01	<1	680	19	0.10	4	7	14
G0557923		<10	<1	0.19	30	0.39	841	1	0.03	<1	590	23	0.03	3	6	25
G0557924		<10	<1	0.24	30	0.13	869	2	0.03	2	650	19	0.06	<2	8	29
G0557925		<10	<1	0.21	30	0.16	775	2	0.01	<1	630	20	0.07	5	7	20
G0557926		<10	<1	0.20	30	0.05	1395	1	0.01	<1	640	17	0.16	9	8	22
G0557927		<10	<1	0.19	30	0.14	1235	1	0.03	<1	630	14	0.04	6	8	20
G0557928		<10	<1	0.14	30	0.15	807	1	<0.01	<1	710	15	<0.01	3	10	11
G0557929		<10	<1	0.21	30	0.11	1335	2	<0.01	<1	650	32	0.04	4	7	14
G0557930		<10	<1	0.19	20	0.27	1195	1	0.02	<1	660	47	0.04	6	7	19
G0557931		<10	<1	0.22	20	0.11	466	1	<0.01	<1	530	141	0.06	6	5	16
G0557932		<10	<1	0.14	20	0.23	650	1	<0.01	<1	700	26	<0.01	4	6	8
G0557933		<10	<1	0.16	30	0.12	1815	1	<0.01	<1	590	36	0.02	6	7	9
G0557934		<10	<1	0.18	20	0.52	1125	1	0.03	2	700	106	0.05	3	7	30
G0557935		<10	<1	0.25	20	0.08	1185	1	<0.01	<1	670	113	0.06	9	6	12
G0557936		<10	<1	0.18	20	0.49	930	1	0.05	<1	640	49	0.13	2	6	34
G0557937		<10	<1	0.20	20	0.31	1485	4	0.04	1	660	105	0.05	3	7	27
G0557938		<10	<1	0.30	20	0.02	738	3	0.01	<1	550	1160	0.28	12	3	28
G0557939		<10	<1	0.29	20	0.03	1665	9	<0.01	<1	510	85	0.17	13	4	19
G0557940		<10	<1	0.29	20	0.17	1685	2	<0.01	<1	590	53	0.76	7	5	23
G0557941		<10	<1	0.32	30	0.04	1880	2	<0.01	1	590	501	0.07	2	5	9
G0557942		<10	<1	0.16	30	0.06	1175	4	<0.01	<1	690	15	<0.01	2	8	8
G0557943		<10	<1	0.18	20	0.36	1730	3	<0.01	<1	690	26	0.03	4	7	11
G0557944		<10	<1	0.28	30	0.05	2850	2	<0.01	<1	620	113	0.03	3	8	12
G0557945		<10	<1	0.30	20	0.06	1640	2	0.01	<1	570	209	0.20	5	4	17
G0557946		<10	<1	0.29	30	0.03	2440	2	0.01	<1	640	125	0.09	4	5	15
G0557947		<10	<1	0.30	20	0.12	15200	2	0.01	<1	420	678	0.17	6	3	39
G0557948		<10	<1	0.16	20	0.50	1665	1	0.02	<1	580	26	0.01	3	7	26
G0557949		<10	<1	0.16	20	0.40	782	1	0.06	<1	600	22	<0.01	2	7	28

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Project: KLAZA

Finalized Date: 4-AUG-2010
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CERTIFICATE OF ANALYSIS WH10101062

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
G0557914		<20	<0.01	<10	<10	22	<10	993
G0557915		<20	0.04	<10	<10	50	<10	63
G0557916		20	0.03	<10	<10	38	<10	53
G0557917		20	0.01	<10	<10	41	<10	196
G0557918		30	<0.01	<10	<10	20	<10	179
G0557919		<20	<0.01	<10	<10	25	<10	213
G0557920		<20	<0.01	<10	<10	17	<10	140
G0557921		<20	<0.01	<10	<10	24	<10	93
G0557922		<20	0.01	<10	<10	44	<10	87
G0557923		<20	0.01	<10	<10	38	<10	102
G0557924		<20	<0.01	<10	<10	35	<10	70
G0557925		20	<0.01	<10	<10	34	<10	156
G0557926		<20	<0.01	<10	<10	37	<10	377
G0557927		<20	<0.01	<10	<10	41	<10	432
G0557928		<20	0.01	<10	<10	47	<10	358
G0557929		<20	<0.01	<10	<10	31	<10	814
G0557930		<20	0.01	<10	<10	35	<10	665
G0557931		<20	0.01	<10	<10	29	<10	632
G0557932		20	0.01	<10	<10	47	<10	727
G0557933		20	0.01	<10	<10	35	<10	1380
G0557934		<20	0.02	<10	<10	48	<10	893
G0557935		<20	<0.01	<10	<10	30	<10	1575
G0557936		<20	0.04	<10	<10	47	<10	607
G0557937		<20	0.02	<10	<10	43	<10	1430
G0557938		<20	<0.01	<10	<10	21	<10	1170
G0557939		<20	<0.01	<10	<10	22	<10	1095
G0557940		<20	<0.01	<10	<10	26	<10	676
G0557941		<20	<0.01	<10	<10	21	<10	3020
G0557942		<20	0.01	<10	<10	35	<10	821
G0557943		<20	0.01	<10	<10	40	<10	960
G0557944		<20	<0.01	<10	<10	29	<10	2420
G0557945		<20	<0.01	<10	<10	21	<10	1880
G0557946		<20	<0.01	<10	<10	23	<10	1965
G0557947		<20	<0.01	<10	<10	20	<10	1590
G0557948		20	0.01	<10	<10	41	<10	551
G0557949		<20	0.04	<10	<10	51	<10	610

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101063

Project: KLAZA

P.O. No.: Batch 42

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 5-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101063

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558366		2.28	0.018	0.5	1.06	22	<10	240	<0.5	<2	0.33	3.8	8	7	20	2.78
G0558367		2.28	0.007	0.2	1.11	27	<10	240	<0.5	<2	0.43	5.5	8	7	12	2.89
G0558368		4.54	0.041	3.5	0.71	99	<10	800	0.8	<2	0.25	15.0	18	4	37	3.97
G0558369		3.32	0.021	1.1	0.61	81	<10	1780	0.6	<2	0.22	34.2	18	2	17	3.48
G0558370		3.47	0.189	10.1	0.33	381	<10	190	<0.5	4	0.05	2.5	1	2	9	2.20
G0558371		3.17	0.094	2.2	0.78	229	<10	480	0.8	<2	0.19	18.5	7	4	59	4.04
G0558372		2.36	0.059	3.4	0.59	374	<10	260	0.5	<2	0.12	14.8	3	3	104	4.15
G0558373		4.15	0.262	20.0	0.52	812	<10	400	<0.5	3	0.10	7.4	2	4	73	2.93
G0558374		2.54	0.007	0.6	0.86	40	<10	320	0.9	<2	0.24	13.4	11	5	21	3.22
G0558375		3.80	0.011	0.9	0.90	38	<10	270	0.8	<2	0.27	7.3	7	5	12	3.02
G0558376		2.20	0.006	0.5	0.95	12	<10	290	0.7	<2	0.30	7.0	7	5	10	2.93
G0558377		2.60	<0.005	0.3	0.94	11	<10	330	0.5	<2	0.50	4.9	7	7	9	2.62
G0558378		5.34	0.020	3.6	0.73	56	<10	510	0.8	<2	0.28	14.5	7	4	26	3.50
G0558379		2.73	<0.005	0.7	1.02	12	<10	320	0.5	<2	0.39	9.1	7	7	12	2.95
G0558380		3.74	0.012	1.0	0.92	18	<10	270	0.7	<2	0.27	7.4	8	5	16	3.13
G0558381		4.72	0.020	13.6	1.05	48	<10	380	0.5	<2	0.44	12.9	7	7	21	3.39
G0558382		2.09	0.438	34.4	0.80	795	<10	570	0.9	<2	0.21	34.3	8	4	84	5.62
G0558383		3.78	0.006	0.9	1.19	23	<10	260	0.5	<2	0.59	9.7	7	7	10	2.76
G0558384		4.96	0.011	1.4	0.83	23	<10	300	0.7	<2	0.27	10.6	7	5	17	3.12
G0558385		3.54	0.051	2.3	1.17	83	<10	1980	0.7	<2	0.29	12.2	12	5	19	3.25
G0558386		5.81	0.020	1.5	1.00	53	<10	460	0.8	<2	0.34	16.3	11	6	19	3.04
G0558387		2.40	0.037	3.6	0.68	46	<10	700	0.7	<2	0.26	12.7	13	4	21	2.79
G0558388		3.59	0.007	0.5	1.11	16	<10	420	0.5	<2	0.38	6.8	9	8	12	2.67
G0558389		4.19	0.046	4.7	0.99	61	<10	500	0.6	<2	0.46	28.1	9	5	17	3.02
G0558390		5.15	0.027	3.3	1.16	33	<10	420	0.7	<2	0.45	12.6	8	6	14	3.09
G0558391		2.42	0.081	19.6	0.67	38	<10	540	0.9	<2	0.61	41.6	6	4	35	3.20
G0558392		4.06	0.009	1.1	1.07	36	<10	470	0.7	<2	0.71	11.8	6	5	20	2.91
G0558393		3.71	0.015	2.7	0.83	37	<10	870	0.8	<2	0.34	12.2	8	5	22	3.11
G0558394		6.56	0.036	2.3	0.93	112	<10	1420	0.8	<2	0.64	14.2	7	4	17	3.16
G0558395		7.06	0.033	2.8	1.03	86	<10	840	0.8	<2	0.59	10.1	7	4	16	3.09
G0558396		5.61	0.019	1.1	0.71	98	<10	470	0.8	<2	0.34	18.3	9	3	8	2.68
G0558397		3.92	0.007	0.6	0.60	28	<10	460	1.2	<2	0.30	19.9	10	3	10	2.64
G0558398		3.91	0.036	6.3	0.90	88	<10	630	1.0	<2	0.29	28.7	6	4	39	4.06
G0558399		3.67	0.020	1.8	0.70	232	<10	670	1.0	<2	0.34	32.8	8	4	26	3.52
G0558400		3.01	0.025	2.1	0.67	481	<10	900	0.7	<2	0.20	45.6	5	4	38	3.75
G0558404		6.01	0.036	2.7	0.89	353	<10	420	0.8	<2	0.24	23.4	7	5	26	3.80

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 5-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101063

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558366		10	<1	0.14	20	0.50	549	3	0.06	4	560	69	<0.01	<2	6	22
G0558367		<10	1	0.15	20	0.56	685	<1	0.06	3	570	53	<0.01	<2	6	22
G0558368		<10	<1	0.26	30	0.08	1795	1	0.01	3	620	910	0.13	<2	8	21
G0558369		<10	<1	0.29	30	0.03	3730	1	0.01	3	700	410	0.09	<2	5	46
G0558370		<10	1	0.48	10	0.02	103	1	0.01	1	330	1585	0.52	9	2	32
G0558371		<10	<1	0.30	30	0.10	2790	1	0.01	3	640	576	0.08	5	7	27
G0558372		<10	<1	0.42	30	0.03	1175	2	0.01	2	600	1195	0.35	8	5	36
G0558373		<10	1	0.29	20	0.06	219	2	0.01	4	370	4950	0.22	21	3	27
G0558374		<10	<1	0.19	30	0.07	2020	1	0.01	4	610	123	<0.01	2	10	11
G0558375		<10	<1	0.19	30	0.16	741	2	0.02	3	600	175	<0.01	2	8	14
G0558376		<10	1	0.14	20	0.23	708	1	0.03	2	650	46	<0.01	5	10	13
G0558377		<10	<1	0.17	20	0.35	659	2	0.06	3	570	84	<0.01	<2	7	25
G0558378		<10	<1	0.25	30	0.08	1980	4	0.01	2	560	775	0.02	3	7	14
G0558379		<10	<1	0.17	20	0.37	947	1	0.04	3	600	194	<0.01	2	7	33
G0558380		<10	<1	0.17	20	0.13	984	2	0.01	3	600	394	<0.01	3	9	14
G0558381		<10	1	0.22	20	0.42	1270	1	0.05	3	580	3760	0.07	8	6	23
G0558382		<10	1	0.28	40	0.19	2780	4	0.01	3	500	8570	0.26	22	6	12
G0558383		10	<1	0.17	20	0.52	759	1	0.05	4	610	203	0.01	<2	6	25
G0558384		<10	1	0.16	20	0.14	832	1	0.02	3	630	652	<0.01	3	8	11
G0558385		<10	1	0.21	20	0.33	1040	1	0.02	2	570	642	0.08	3	6	20
G0558386		<10	1	0.20	30	0.22	1245	1	0.02	3	620	274	<0.01	3	8	17
G0558387		<10	<1	0.28	20	0.06	1315	3	0.01	2	600	781	0.10	2	7	14
G0558388		10	1	0.22	20	0.42	856	1	0.05	3	590	242	<0.01	<2	6	24
G0558389		<10	<1	0.24	30	0.32	1380	1	0.02	2	590	842	0.15	<2	6	18
G0558390		10	<1	0.20	30	0.35	1085	1	0.02	3	620	668	0.01	3	7	19
G0558391		<10	2	0.24	20	0.09	865	1	0.02	2	590	4830	0.20	6	6	19
G0558392		<10	1	0.21	30	0.31	861	<1	0.02	3	620	209	0.01	2	7	27
G0558393		<10	<1	0.18	20	0.14	1625	1	0.02	2	580	864	0.01	2	8	20
G0558394		<10	1	0.19	20	0.16	1185	1	0.01	4	560	665	0.06	2	8	23
G0558395		<10	1	0.18	20	0.20	993	<1	0.01	2	570	807	0.03	4	8	20
G0558396		<10	1	0.23	20	0.08	1295	2	0.01	2	470	205	0.01	3	7	20
G0558397		<10	<1	0.22	20	0.04	1710	2	<0.01	3	500	120	<0.01	2	9	21
G0558398		<10	1	0.23	20	0.14	1090	2	0.01	2	570	1920	0.03	4	8	14
G0558399		<10	1	0.23	30	0.06	1270	2	0.01	2	580	510	0.03	3	8	23
G0558400		<10	1	0.25	30	0.05	723	2	0.01	2	580	478	0.08	3	7	21
G0558404		<10	1	0.21	20	0.21	1255	4	0.02	3	640	583	0.03	3	8	17

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101063

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
G0558366		<20	0.02	<10	<10	45	<10	394
G0558367		<20	0.03	<10	<10	46	<10	516
G0558368		<20	<0.01	<10	<10	29	<10	1400
G0558369		<20	<0.01	<10	<10	14	<10	1800
G0558370		<20	<0.01	<10	<10	7	<10	146
G0558371		<20	<0.01	<10	<10	28	<10	1630
G0558372		20	<0.01	<10	<10	18	<10	987
G0558373		<20	<0.01	<10	<10	16	<10	616
G0558374		<20	<0.01	<10	<10	38	<10	1450
G0558375		<20	<0.01	<10	<10	39	<10	453
G0558376		<20	0.01	<10	<10	48	<10	247
G0558377		<20	0.02	<10	<10	43	<10	248
G0558378		<20	<0.01	<10	<10	28	<10	1280
G0558379		<20	0.03	<10	<10	46	<10	535
G0558380		<20	<0.01	<10	<10	41	<10	543
G0558381		<20	0.02	<10	<10	42	<10	1220
G0558382		<20	<0.01	<10	<10	27	<10	2980
G0558383		<20	0.03	<10	<10	47	<10	525
G0558384		<20	0.01	<10	<10	43	<10	809
G0558385		<20	<0.01	<10	<10	36	<10	1120
G0558386		<20	0.01	<10	<10	40	<10	1080
G0558387		<20	<0.01	<10	<10	28	<10	1190
G0558388		<20	0.04	<10	<10	45	<10	738
G0558389		<20	<0.01	<10	<10	32	<10	1640
G0558390		<20	0.01	<10	<10	41	<10	978
G0558391		<20	<0.01	<10	<10	33	<10	2300
G0558392		<20	0.01	<10	<10	40	<10	651
G0558393		<20	<0.01	<10	<10	38	<10	649
G0558394		<20	<0.01	<10	<10	35	<10	1000
G0558395		<20	<0.01	<10	<10	37	<10	799
G0558396		<20	<0.01	<10	<10	29	<10	1050
G0558397		<20	<0.01	<10	<10	28	<10	1060
G0558398		<20	<0.01	<10	<10	36	<10	2040
G0558399		<20	<0.01	<10	<10	34	<10	1660
G0558400		<20	<0.01	<10	<10	33	<10	1710
G0558404		<20	<0.01	<10	<10	38	<10	1420

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Finalized Date: 4-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101064

Project: KLAZA

P.O. No.: Batch 41

This report is for 25 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 4-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101064

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G0557877		3.30	0.020		0.6	1.12	24	<10	390	0.5	<2	0.32	1.5	8	9	29
G0557878		2.39	0.147		2.6	0.77	168	<10	920	0.7	4	0.25	6.2	7	4	49
G0557879		3.54	0.018		0.3	1.05	25	<10	660	0.7	<2	0.31	1.5	7	6	28
G0557880		7.11	0.042		1.1	1.01	54	<10	460	0.7	2	0.29	3.1	6	5	65
G0557881		2.51	0.025		0.2	1.32	21	<10	540	0.7	2	0.38	0.5	7	6	27
G0557882		0.17	>10.0	15.05	9.9	0.29	464	<10	30	<0.5	<2	0.16	<0.5	7	26	45
G0557883		4.05	0.031		0.4	1.85	19	<10	570	0.6	<2	0.48	0.5	6	7	39
G0557884		1.90	0.027		0.6	1.44	50	<10	250	0.5	2	0.33	0.5	4	6	85
G0557885		4.40	0.027		0.6	1.45	24	<10	440	<0.5	<2	0.66	<0.5	10	7	22
G0557886		2.00	0.008		0.6	1.42	14	<10	440	0.5	<2	0.70	<0.5	7	7	20
G0557887		1.46	0.224		0.7	0.78	90	<10	910	0.7	<2	1.82	0.7	8	4	20
G0557888		4.05	0.041		0.5	1.06	26	<10	400	<0.5	<2	0.64	<0.5	7	9	38
G0557889		3.01	0.046		0.8	1.11	69	<10	390	0.6	2	0.33	4.6	7	5	52
G0557890		2.59	0.015		0.3	1.43	13	<10	290	0.5	<2	0.41	1.0	7	7	29
G0557891		4.15														
G0557892		3.20														
G0557893		1.91	0.060		0.5	0.95	32	<10	220	0.5	<2	0.29	1.2	7	6	50
G0557894		1.65	<0.005		<0.2	0.05	3	<10	20	<0.5	<2	19.1	<0.5	1	1	2
G0557895		5.72	0.022		0.6	1.31	15	<10	410	<0.5	<2	0.77	1.1	5	9	44
G0557896		2.97	0.025		0.6	1.39	16	<10	210	<0.5	<2	0.50	0.7	6	8	44
G0557897		2.94	0.077		1.5	1.26	47	<10	310	0.5	3	0.30	1.7	10	6	158
G0557898		2.84	0.053		0.9	1.25	29	<10	620	0.6	2	0.37	2.4	9	5	58
G0557899		1.98	0.206		0.5	1.35	14	<10	300	<0.5	<2	0.49	1.8	7	8	24
G0557900		2.65	0.016		0.5	1.30	14	<10	280	<0.5	<2	0.72	0.5	6	9	129
G0557891/G0557892Compos			0.045		0.6	0.89	44	<10	760	<0.5	<2	0.49	1.6	6	7	87

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101064

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G0557877		2.84	<10	<1	0.18	20	0.43	692	2	0.03	5	580	47	0.03	3	5
G0557878		6.21	<10	<1	0.22	20	0.19	908	4	0.01	1	550	240	0.13	4	6
G0557879		3.33	<10	<1	0.24	20	0.30	1115	2	0.02	3	580	47	0.04	3	6
G0557880		3.09	<10	<1	0.22	20	0.24	861	5	0.01	3	620	71	0.07	5	5
G0557881		2.93	<10	<1	0.21	20	0.41	633	2	0.03	3	600	26	0.03	2	6
G0557882		3.16	<10	2	0.18	10	0.07	123	5	<0.01	14	510	5	2.14	26	1
G0557883		3.32	10	<1	0.18	20	0.86	869	1	0.02	2	670	16	0.07	2	5
G0557884		3.71	<10	<1	0.18	20	0.60	530	3	0.02	1	610	30	0.06	3	4
G0557885		3.21	10	<1	0.17	20	0.75	688	2	0.04	2	760	14	0.26	<2	4
G0557886		3.00	<10	<1	0.15	20	0.76	594	5	0.04	3	690	16	0.16	<2	6
G0557887		3.61	<10	<1	0.21	30	0.37	2460	7	0.02	2	710	49	0.21	2	5
G0557888		2.85	<10	<1	0.20	20	0.59	556	1	0.04	2	610	25	0.20	<2	4
G0557889		3.53	<10	<1	0.22	20	0.36	825	7	0.01	1	650	105	0.07	4	6
G0557890		2.95	<10	<1	0.12	20	0.65	735	1	0.03	3	570	17	0.04	<2	5
G0557891																
G0557892																
G0557893		2.85	<10	<1	0.20	20	0.39	660	13	0.03	2	580	137	0.07	2	4
G0557894		0.38	<10	<1	0.03	10	11.85	177	<1	0.01	2	270	2	<0.01	<2	<1
G0557895		2.94	<10	<1	0.16	20	0.79	468	1	0.06	3	690	39	0.11	<2	4
G0557896		2.75	<10	<1	0.12	10	0.77	553	1	0.04	2	640	31	0.06	5	4
G0557897		3.34	<10	<1	0.19	30	0.52	589	4	0.02	8	660	89	0.12	3	5
G0557898		3.12	<10	<1	0.19	30	0.44	664	2	0.02	3	690	86	0.14	2	7
G0557899		2.64	<10	<1	0.13	20	0.77	517	4	0.05	3	640	41	0.05	<2	5
G0557900		3.02	10	<1	0.13	10	0.80	447	1	0.06	1	720	15	0.11	<2	5
G0557891/G0557892Compos		3.07	<10	<1	0.19	20	0.42	598	5	0.04	2	560	91	0.12	3	4

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101064

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
G0557877		19	<20	0.03	<10	<10	39	<10	143
G0557878		20	<20	0.01	<10	<10	28	<10	693
G0557879		17	<20	0.02	<10	<10	38	<10	186
G0557880		18	<20	0.01	<10	<10	32	<10	387
G0557881		28	<20	0.02	<10	<10	40	<10	159
G0557882		6	<20	<0.01	<10	<10	14	<10	45
G0557883		28	<20	0.02	<10	<10	52	<10	63
G0557884		17	<20	<0.01	<10	<10	38	<10	83
G0557885		35	<20	0.05	<10	<10	50	<10	56
G0557886		34	<20	0.01	<10	<10	49	<10	47
G0557887		50	<20	<0.01	<10	<10	26	<10	62
G0557888		30	<20	0.06	<10	<10	53	<10	54
G0557889		25	<20	0.01	<10	<10	31	<10	398
G0557890		34	<20	0.03	<10	<10	46	<10	90
G0557891									
G0557892									
G0557893		13	<20	0.01	<10	<10	33	<10	162
G0557894		51	<20	<0.01	<10	<10	2	<10	15
G0557895		33	<20	0.11	<10	<10	57	<10	85
G0557896		24	<20	0.09	<10	<10	52	<10	124
G0557897		15	<20	0.01	<10	<10	35	<10	266
G0557898		15	<20	0.01	<10	<10	38	<10	249
G0557899		28	<20	0.03	<10	<10	49	<10	175
G0557900		34	<20	0.14	<10	<10	63	<10	72
G0557891/G0557892Compos		33	<20	0.03	<10	<10	38	<10	191

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101065

Project: KLAZA

P.O. No.: Batch 40

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KLAZA

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101065

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558330		2.76	0.010	0.4	0.52	23	<10	940	0.7	<2	0.59	1.4	4	4	9	2.54
G0558331		1.56	0.005	0.5	0.75	13	<10	1090	0.6	<2	0.88	0.7	4	5	4	2.60
G0558332		1.24	0.060	0.6	0.50	26	<10	1540	0.6	<2	3.45	1.9	4	3	8	3.48
G0558333		6.27	<0.005	<0.2	1.15	20	<10	230	<0.5	<2	0.61	0.5	6	8	6	2.60
G0558334		2.91	<0.005	0.2	1.26	24	<10	290	0.5	<2	0.71	0.7	4	7	6	2.75
G0558335		1.40	0.030	1.9	0.74	202	<10	930	0.8	2	0.38	2.7	7	4	13	3.48
G0558336		3.15	0.019	2.0	0.64	122	<10	440	<0.5	<2	0.70	3.3	5	4	8	2.73
G0558337		8.00	<0.005	<0.2	1.19	16	<10	220	<0.5	<2	0.62	1.8	8	9	14	2.82
G0558338		3.28	<0.005	0.3	1.08	12	<10	200	<0.5	<2	0.74	1.9	6	7	8	2.51
G0558339		4.37	0.005	0.5	0.91	21	<10	310	0.5	<2	0.61	6.9	6	3	9	2.70
G0558340		4.32	0.015	1.2	0.65	56	<10	380	0.7	<2	0.34	10.7	5	2	21	2.93
G0558341		4.33	0.087	2.8	0.51	134	<10	470	0.6	<2	0.62	20.1	14	1	29	3.44
G0558342		3.57	1.175	>100	0.47	2000	<10	120	0.7	<2	0.22	50.3	5	2	287	4.38
G0558343		2.31	0.013	1.1	0.72	58	<10	380	0.6	<2	0.27	6.0	7	4	19	2.66
G0558344		5.83	0.008	0.9	1.10	24	<10	320	<0.5	<2	0.66	3.1	7	6	10	2.75
G0558345		2.58	0.049	5.3	1.01	291	<10	240	0.5	4	0.33	6.2	6	5	31	2.96
G0558346		3.32	0.701	80.3	0.46	4060	<10	70	0.7	23	0.26	149.0	5	3	349	4.17
G0558347		1.47	0.013	0.7	1.00	39	<10	170	<0.5	<2	0.51	3.6	7	10	19	2.90
G0558348		4.78	0.007	1.0	0.98	48	<10	210	<0.5	<2	0.58	2.5	7	5	19	2.51
G0558349		3.27	<0.005	0.2	1.38	14	<10	210	<0.5	<2	0.75	3.0	6	5	10	2.78
G0558350		1.42	0.070	4.7	0.90	542	<10	360	0.8	<2	0.27	17.7	8	3	37	3.37
G0558351		3.25	<0.005	0.5	1.31	18	<10	250	<0.5	<2	0.55	2.4	6	18	15	2.67
G0558352		6.70	0.006	0.5	1.07	31	<10	390	<0.5	<2	0.89	3.9	6	5	11	2.60
G0558353		5.41	0.009	0.6	1.01	32	<10	550	<0.5	<2	0.35	3.7	5	6	8	2.28
G0558354		1.59	0.065	1.5	0.88	109	<10	1560	0.7	<2	0.29	11.5	8	15	17	3.09
G0558355		2.34	0.008	0.4	0.93	31	<10	500	<0.5	<2	0.64	7.3	8	4	7	2.81
G0558356		2.55	0.011	0.7	1.06	58	<10	540	0.5	<2	0.66	16.4	10	10	15	3.19
G0558357		1.23	0.021	0.4	1.06	48	<10	410	0.5	<2	0.51	7.6	7	19	7	2.61
G0558358		1.85	0.333	24.5	0.71	1180	<10	730	0.7	<2	0.27	20.7	8	4	52	3.45
G0558359		3.18	0.007	0.5	1.17	35	<10	230	<0.5	<2	0.49	3.2	6	6	8	2.57
G0558360		3.89	0.095	3.1	0.79	322	<10	590	0.9	2	0.25	32.0	8	17	77	3.02
G0558361		4.49	0.937	97.2	0.71	2400	<10	620	0.7	<2	0.21	27.7	7	1	366	3.48
G0558362		1.81	0.032	1.2	0.80	97	<10	330	0.6	<2	0.30	10.6	7	3	21	2.91
G0558363		3.37	0.024	5.4	1.00	66	<10	390	0.5	<2	0.54	13.3	6	21	16	3.23
G0558364		3.36	0.021	1.2	0.81	50	<10	390	0.9	<2	0.34	10.1	6	2	15	2.72
G0558365		1.85	0.022	0.8	0.72	46	<10	320	0.9	<2	0.28	10.5	9	2	35	2.65

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CERTIFICATE OF ANALYSIS WH10101065

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558330		<10	<1	0.22	30	0.07	924	1	0.01	4	600	14	0.05	2	7	21
G0558331		<10	<1	0.21	30	0.30	516	<1	0.04	3	580	10	0.04	<2	6	40
G0558332		<10	<1	0.20	30	0.82	3280	2	0.03	3	500	14	0.08	<2	6	65
G0558333		10	<1	0.12	20	0.65	465	<1	0.05	2	580	17	0.03	<2	6	24
G0558334		<10	<1	0.12	20	0.76	508	<1	0.04	2	610	8	0.05	<2	7	25
G0558335		<10	<1	0.19	30	0.20	724	1	0.03	4	630	42	0.29	4	7	26
G0558336		<10	<1	0.22	20	0.24	1160	1	0.02	2	560	55	0.48	<2	4	26
G0558337		<10	<1	0.15	20	0.64	594	<1	0.05	3	640	25	0.04	<2	6	25
G0558338		10	<1	0.14	10	0.61	506	1	0.06	3	620	42	0.04	<2	5	30
G0558339		10	<1	0.14	20	0.41	634	1	0.04	1	620	46	0.04	<2	8	23
G0558340		<10	<1	0.24	20	0.12	1250	2	0.02	2	590	264	0.07	<2	7	17
G0558341		<10	<1	0.26	20	0.08	1450	2	0.01	2	540	1170	0.28	3	4	13
G0558342		<10	1	0.27	20	0.05	1585	3	0.01	1	490	>10000	1.12	85	4	16
G0558343		<10	<1	0.17	20	0.17	768	1	0.02	2	620	181	0.06	<2	7	14
G0558344		10	<1	0.14	20	0.66	606	1	0.05	2	600	168	0.08	<2	6	27
G0558345		10	<1	0.17	20	0.46	969	2	0.02	1	590	826	0.04	5	5	14
G0558346		<10	1	0.21	20	0.11	1640	3	0.01	1	400	6430	1.47	61	4	12
G0558347		10	<1	0.12	20	0.50	703	1	0.04	3	590	89	0.07	4	6	20
G0558348		10	<1	0.13	20	0.55	596	1	0.04	1	570	221	0.07	<2	5	20
G0558349		10	<1	0.19	20	0.69	686	1	0.07	1	580	38	0.05	5	5	31
G0558350		<10	<1	0.29	30	0.10	1390	2	0.02	2	580	963	0.06	3	7	11
G0558351		10	<1	0.21	20	0.66	651	1	0.08	2	570	170	0.05	2	5	29
G0558352		<10	<1	0.20	20	0.56	676	1	0.06	1	570	93	0.09	3	5	29
G0558353		<10	<1	0.21	20	0.42	659	2	0.06	2	510	146	0.05	2	5	23
G0558354		<10	<1	0.27	30	0.14	901	1	0.04	2	590	127	0.10	3	7	23
G0558355		<10	<1	0.16	20	0.49	557	1	0.07	1	590	46	0.16	<2	7	32
G0558356		<10	<1	0.24	20	0.55	1520	2	0.06	7	590	152	0.17	2	6	28
G0558357		<10	<1	0.21	20	0.46	630	1	0.06	2	650	188	0.10	<2	7	28
G0558358		<10	<1	0.24	30	0.14	1400	1	0.03	2	570	3500	0.17	14	6	20
G0558359		<10	<1	0.16	20	0.62	608	1	0.07	2	560	109	0.03	<2	4	28
G0558360		<10	<1	0.32	30	0.06	2410	2	0.02	3	540	138	0.09	5	7	19
G0558361		<10	<1	0.33	30	0.06	1785	2	0.02	2	450	>10000	0.44	58	6	29
G0558362		<10	<1	0.24	20	0.13	895	1	0.05	1	590	330	0.05	4	8	17
G0558363		<10	<1	0.27	20	0.30	1095	1	0.07	1	580	1210	0.12	4	7	26
G0558364		<10	<1	0.24	20	0.10	945	1	0.02	1	590	170	0.05	<2	9	16
G0558365		<10	<1	0.22	20	0.08	1035	2	0.02	1	580	92	0.06	6	9	15

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

Finalized Date: 6-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101065

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
G0558330		<20	<0.01	<10	<10	26	<10	129		
G0558331		<20	0.01	<10	<10	33	<10	71		
G0558332		<20	<0.01	<10	<10	22	<10	151		
G0558333		<20	0.04	<10	<10	47	<10	67		
G0558334		<20	0.02	<10	<10	47	<10	88		
G0558335		<20	<0.01	<10	<10	29	<10	181		
G0558336		<20	<0.01	<10	<10	23	<10	189		
G0558337		<20	0.04	<10	<10	53	<10	131		
G0558338		<20	0.07	<10	<10	49	<10	149		
G0558339		<20	0.01	<10	<10	43	<10	331		
G0558340		<20	<0.01	<10	<10	26	<10	730		
G0558341		<20	<0.01	<10	<10	13	<10	1430		
G0558342		<20	<0.01	<10	<10	13	<10	4020	178	3.58
G0558343		<20	0.01	<10	<10	34	<10	401		
G0558344		<20	0.03	<10	<10	47	<10	268		
G0558345		<20	0.01	<10	<10	40	<10	737		
G0558346		<20	<0.01	<10	<10	16	<10	9000		
G0558347		<20	0.04	<10	<10	46	10	285		
G0558348		<20	0.05	<10	<10	43	<10	287		
G0558349		<20	0.06	<10	<10	50	<10	189		
G0558350		<20	<0.01	<10	<10	23	<10	984		
G0558351		<20	0.07	<10	<10	51	<10	213		
G0558352		<20	0.04	<10	<10	42	<10	256		
G0558353		<20	0.04	<10	<10	38	<10	300		
G0558354		<20	<0.01	<10	<10	33	<10	676		
G0558355		<20	0.02	<10	<10	45	<10	459		
G0558356		<20	0.03	<10	<10	42	<10	803		
G0558357		<20	0.01	<10	<10	42	<10	706		
G0558358		<20	0.01	<10	<10	28	<10	1740		
G0558359		<20	0.09	<10	<10	51	<10	293		
G0558360		<20	<0.01	<10	<10	23	<10	2080		
G0558361		<20	<0.01	<10	<10	17	<10	2160		1.880
G0558362		<20	0.01	<10	<10	39	<10	1095		
G0558363		<20	0.02	<10	<10	42	<10	993		
G0558364		<20	<0.01	<10	<10	37	<10	465		
G0558365		<20	<0.01	<10	<10	33	<10	552		

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

Finalized Date: 8-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101066

Project: KLAZA

P.O. No.: Batch 39

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 8-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101066

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
G0558295		4.08	0.008		0.5	0.76	32	<10	1570	0.8	<2	1.40	2.0	5	5	9
G0558296		3.01	0.010		0.6	0.76	45	<10	1070	1.0	<2	0.75	2.3	8	2	10
G0558297		3.32	0.024		1.0	0.70	142	<10	1260	1.0	<2	2.21	11.6	8	3	12
G0558298		1.42	0.029		2.8	0.59	182	<10	2370	0.7	<2	5.46	20.3	3	3	18
G0558299		5.16	0.018		1.5	0.67	102	<10	2090	1.0	<2	1.64	34.5	8	3	22
G0558300		2.56	0.098		6.0	0.51	207	<10	1180	1.1	<2	0.68	47.7	11	4	36
G0558301		3.10	0.047		2.8	0.65	234	<10	870	1.0	<2	0.89	22.8	8	3	19
G0558302		4.16	0.016		2.1	0.68	125	<10	430	0.9	<2	0.98	20.0	7	4	17
G0558303		1.56	0.337		8.6	0.53	1625	<10	590	0.7	<2	0.18	20.5	6	3	67
G0558304		3.18	>10.0	23.0	>100	0.42	>10000	<10	50	<0.5	<2	0.15	495	3	2	507
G0558305		1.19	0.395		7.1	0.66	775	<10	1030	0.9	<2	0.39	18.1	7	3	42
G0558306		5.18	0.061		2.9	0.56	183	<10	800	0.8	<2	0.70	13.4	7	4	21
G0558307		1.38	0.085		52.9	0.66	141	<10	490	0.9	<2	0.92	106.0	7	4	99
G0558308		2.23	0.351		6.7	0.52	348	<10	1440	1.1	<2	1.54	47.9	7	3	37
G0558309		1.59	>10.0	12.15	>100	0.51	>10000	<10	40	1.0	<2	0.28	197.0	10	2	1980
G0558310		3.19	0.082		9.2	0.54	329	<10	1370	0.9	<2	0.29	22.8	9	12	58
G0558311		1.85	0.082		2.6	0.53	301	<10	2260	1.0	<2	0.22	18.5	9	5	55
G0558312		4.14	1.160		47.2	0.36	2000	<10	380	<0.5	3	0.16	8.4	2	3	77
G0558313		3.51	1.935		65.8	0.30	2580	<10	490	<0.5	2	0.10	19.6	<1	2	43
G0558314		2.52	0.059		17.8	0.59	180	<10	600	1.1	2	0.27	21.6	8	4	111
G0558315		1.76	0.011		1.5	0.93	39	<10	380	0.7	<2	0.33	9.4	7	5	25
G0558316		5.03	0.011		0.9	1.04	29	<10	270	0.6	2	0.37	6.2	8	7	11
G0558317		5.50	0.006		0.9	1.26	18	<10	970	<0.5	2	0.48	3.2	8	8	7
G0558318		6.85	<0.005		0.3	1.14	13	<10	200	<0.5	2	0.65	1.7	6	8	7
G0558319		5.30	0.027		3.1	0.63	312	<10	1210	0.8	2	0.28	16.9	7	5	35
G0558320		1.74	0.014		1.4	0.50	138	<10	330	0.9	2	0.27	13.6	7	4	33
G0558321		1.41	0.277		>100	0.41	4130	<10	50	0.7	4	0.44	165.0	8	3	824
G0558322		1.81	<0.005		1.1	0.58	40	<10	2040	1.0	2	0.29	3.6	8	4	16
G0558323		4.17	0.005		0.8	0.69	26	<10	1260	0.8	<2	0.31	2.9	7	5	11
G0558324		7.02	<0.005		0.5	1.06	20	<10	250	<0.5	2	0.59	1.6	7	8	10
G0558325		6.97	0.015		4.6	0.61	43	<10	500	0.7	2	0.67	12.8	7	6	17
G0558326		6.64	0.008		0.3	0.69	14	<10	1260	0.6	2	0.68	<0.5	7	6	24
G0558327		6.59	<0.005		0.3	1.01	19	<10	1210	<0.5	2	0.91	0.6	6	7	5
G0558328		3.94	<0.005		0.3	0.89	14	<10	700	<0.5	3	1.07	0.5	5	6	3
G0558329		2.57	<0.005		0.2	0.60	15	<10	730	0.5	<2	0.54	0.7	7	5	3
G0557789		7.33	0.006		0.3	0.82	12	<10	250	0.6	2	0.31	0.7	7	7	14

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 8-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101066

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G0558295		2.17	<10	<1	0.24	10	0.08	655	3	0.02	4	670	33	0.07	4	4
G0558296		2.71	<10	<1	0.26	20	0.08	757	1	0.02	2	570	42	0.08	3	8
G0558297		2.37	<10	1	0.25	20	0.31	780	1	0.02	1	470	170	0.25	4	7
G0558298		3.35	<10	<1	0.26	20	1.56	1525	1	0.03	1	360	864	0.17	6	5
G0558299		2.60	<10	<1	0.28	20	0.13	824	1	0.03	2	610	114	0.15	7	5
G0558300		2.95	<10	1	0.23	10	0.08	1115	2	0.02	4	600	1140	0.26	10	4
G0558301		2.82	<10	1	0.31	20	0.06	1390	4	0.01	2	600	445	0.15	9	5
G0558302		2.83	<10	<1	0.24	20	0.09	1155	1	0.01	2	590	460	0.09	5	7
G0558303		3.38	<10	1	0.32	20	0.03	1490	2	0.01	1	450	1855	0.17	15	3
G0558304		5.50	<10	2	0.27	10	0.02	591	1	0.01	<1	380	>10000	3.54	166	2
G0558305		3.02	<10	<1	0.22	20	0.04	1185	1	0.02	2	640	1035	0.16	13	8
G0558306		2.84	<10	<1	0.18	20	0.06	1030	3	0.02	2	570	528	0.10	8	7
G0558307		3.09	<10	<1	0.20	20	0.09	1260	1	0.02	2	580	9170	0.56	21	7
G0558308		3.38	<10	<1	0.27	20	0.05	1745	4	0.02	3	530	774	0.23	11	4
G0558309		5.41	<10	4	0.20	10	0.04	1320	4	0.01	1	430	>10000	2.92	418	6
G0558310		2.85	<10	<1	0.23	20	0.04	1065	7	0.02	6	470	1355	0.15	18	5
G0558311		2.31	<10	1	0.21	20	0.04	881	26	0.02	3	430	279	0.13	19	5
G0558312		3.48	<10	1	0.33	10	0.03	373	12	0.01	3	310	3370	0.47	79	2
G0558313		2.57	<10	1	0.35	10	0.02	77	4	0.01	<1	350	7070	0.44	84	1
G0558314		3.94	<10	<1	0.27	30	0.04	2500	4	0.01	2	670	3710	0.19	18	6
G0558315		2.93	<10	<1	0.20	30	0.35	1425	1	0.02	<1	630	293	0.05	2	7
G0558316		2.95	<10	<1	0.17	20	0.45	898	1	0.04	1	630	160	0.05	<2	7
G0558317		3.06	<10	<1	0.17	20	0.65	938	<1	0.05	<1	600	315	0.11	<2	5
G0558318		2.61	<10	<1	0.14	10	0.63	507	<1	0.05	<1	600	50	0.02	<2	4
G0558319		3.17	<10	<1	0.18	20	0.08	1585	1	0.02	1	570	398	0.11	8	8
G0558320		2.85	<10	<1	0.21	20	0.04	1960	2	0.01	1	570	190	0.03	6	8
G0558321		5.05	<10	1	0.26	20	0.06	4490	1	0.01	1	460	6960	2.05	205	4
G0558322		3.50	<10	<1	0.23	30	0.05	2230	1	0.02	1	590	164	0.06	3	8
G0558323		3.17	<10	<1	0.17	20	0.06	1025	1	0.02	2	610	292	0.05	<2	10
G0558324		2.86	<10	<1	0.15	20	0.50	708	<1	0.06	1	610	49	0.01	<2	7
G0558325		2.92	<10	<1	0.16	30	0.15	925	1	0.02	1	610	212	0.08	4	8
G0558326		2.95	<10	<1	0.15	30	0.21	802	1	0.04	1	590	14	0.06	3	8
G0558327		2.50	<10	<1	0.16	20	0.55	561	<1	0.05	2	570	22	0.07	<2	6
G0558328		2.48	<10	<1	0.16	20	0.55	577	1	0.04	1	570	13	0.07	<2	6
G0558329		2.22	<10	<1	0.19	20	0.17	471	1	0.04	1	580	8	0.10	<2	7
G0557789		2.83	<10	<1	0.12	20	0.17	599	1	0.03	2	650	15	0.02	4	9

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Project: KLAZA

Finalized Date: 8-AUG-2010
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CERTIFICATE OF ANALYSIS WH10101066

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
G0558295		54	<20	<0.01	<10	<10	24	<10	178			
G0558296		45	<20	<0.01	<10	<10	21	<10	219			
G0558297		49	<20	<0.01	<10	<10	24	<10	672			
G0558298		70	<20	<0.01	<10	<10	25	<10	1315			
G0558299		51	<20	<0.01	<10	<10	31	<10	1675			
G0558300		29	<20	<0.01	<10	<10	30	<10	2730			
G0558301		27	<20	<0.01	<10	<10	27	<10	1350			
G0558302		26	<20	<0.01	<10	<10	31	<10	1190			
G0558303		18	<20	<0.01	<10	<10	11	<10	1575			
G0558304		14	<20	<0.01	<10	<10	8	10	>10000	141	3.13	1.875
G0558305		19	<20	<0.01	<10	<10	31	<10	1630			
G0558306		21	<20	<0.01	<10	<10	30	<10	935			
G0558307		22	<20	<0.01	<10	<10	32	10	5910			
G0558308		33	<20	<0.01	<10	<10	20	<10	2180			
G0558309		22	<20	<0.01	<10	<10	21	10	8860	295		3.78
G0558310		39	<20	<0.01	<10	<10	20	<10	1365			
G0558311		35	<20	<0.01	<10	10	20	<10	1495			
G0558312		31	<20	<0.01	<10	<10	11	<10	894			
G0558313		18	<20	<0.01	<10	<10	5	<10	658			
G0558314		15	<20	<0.01	<10	<10	19	<10	2500			
G0558315		16	<20	<0.01	<10	<10	35	<10	692			
G0558316		24	<20	0.01	<10	<10	42	<10	413			
G0558317		41	<20	0.03	<10	<10	46	<10	294			
G0558318		25	<20	0.09	<10	<10	49	<10	161			
G0558319		29	<20	<0.01	<10	<10	31	<10	1240			
G0558320		19	<20	<0.01	<10	<10	22	<10	1065			
G0558321		29	<20	<0.01	<10	<10	11	<10	>10000	99	1.100	
G0558322		30	<20	<0.01	<10	<10	26	<10	314			
G0558323		29	<20	<0.01	<10	<10	42	<10	225			
G0558324		26	<20	0.03	<10	<10	49	<10	103			
G0558325		19	<20	<0.01	<10	<10	36	<10	685			
G0558326		30	<20	0.01	<10	<10	40	<10	52			
G0558327		43	<20	0.02	<10	<10	39	<10	56			
G0558328		44	<20	0.02	<10	<10	38	<10	51			
G0558329		25	<20	<0.01	<10	<10	30	<10	50			
G0557789		13	<20	0.01	<10	<10	46	<10	60			

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101067

Project: KLAZA

P.O. No.: Batch 38

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101067

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G0558259		5.29	0.038	2.1	0.43	310	<10	950	0.6	2	0.23	5.0	12	<1	24	2.77
G0558260		2.20	0.324	17.9	0.30	1080	<10	50	<0.5	3	0.39	33.0	16	7	79	3.66
G0558261		2.90	0.083	2.0	0.54	300	<10	300	0.8	<2	0.32	2.4	8	<1	26	2.64
G0558262		5.10	0.017	1.0	0.36	107	<10	500	0.7	<2	1.18	1.4	6	<1	8	2.30
G0558263		5.06	0.053	1.7	0.32	305	<10	150	0.5	<2	0.88	3.1	10	<1	7	2.71
G0558264		3.18	0.044	5.8	0.31	302	<10	110	<0.5	<2	0.51	6.2	17	<1	13	3.21
G0558265		4.80	0.021	1.2	0.48	161	<10	80	<0.5	<2	1.17	3.2	11	1	6	2.80
G0558266		7.19	0.021	0.4	0.77	215	<10	340	0.6	<2	0.71	3.6	8	2	10	2.64
G0558267		3.07	0.013	1.1	0.87	216	<10	190	0.7	<2	0.41	4.0	8	4	22	2.84
G0558268		2.43	0.012	1.5	1.06	248	<10	410	0.7	<2	0.72	5.1	9	5	9	3.00
G0558269		2.42	0.176	59.7	0.41	2950	<10	740	0.6	<2	0.28	29.8	4	1	117	3.74
G0558270		1.74	1.495	>100	0.37	5180	<10	530	0.5	5	0.24	16.6	6	1	88	3.48
G0558271		2.15	0.043	4.4	0.53	293	<10	1990	0.9	2	2.55	5.5	7	6	21	3.30
G0558272		4.75	0.012	0.7	0.66	57	<10	310	0.7	<2	0.81	1.2	7	4	28	2.75
G0558273		0.59	<0.005	0.2	0.05	8	<10	20	<0.5	<2	19.5	<0.5	<1	1	<1	0.41
G0558274		6.42	0.010	0.8	0.78	50	<10	250	0.5	<2	0.81	1.3	7	6	13	2.40
G0558275		5.32	0.009	0.3	0.72	62	<10	500	0.7	2	1.14	1.6	9	5	16	2.47
G0558276		5.30	0.019	0.6	0.85	139	<10	550	0.8	<2	0.66	3.4	6	4	26	2.83
G0558277		4.60	0.007	0.4	0.63	91	<10	1100	0.7	<2	1.13	6.6	7	4	4	2.64
G0558278		2.57	0.009	0.3	0.86	58	<10	130	0.7	<2	0.49	7.0	4	5	6	2.58
G0558279		2.72	0.035	2.4	0.61	335	<10	790	0.7	<2	0.14	14.2	6	3	18	4.02
G0558280		0.12	3.34	>100	0.21	>10000	<10	10	<0.5	2	0.41	343	1	10	1690	14.6
G0558281		4.52	0.157	19.9	0.44	812	<10	320	<0.5	4	0.14	20.0	6	2	19	4.52
G0558282		3.52	0.196	40.2	0.36	1045	<10	250	<0.5	6	0.15	14.1	1	1	46	5.71
G0558283		1.62	0.110	3.0	0.49	764	<10	1420	0.9	<2	0.61	17.8	7	5	53	3.81
G0558284		3.51	0.019	1.0	0.62	82	<10	360	0.6	2	0.46	10.8	9	4	11	2.84
G0558285		1.84	1.180	>100	0.32	4240	<10	100	0.7	4	0.11	37.8	7	1	231	6.45
G0558286		5.23	0.133	15.0	0.64	1125	<10	640	0.7	<2	0.56	21.4	6	4	60	3.28
G0558287		3.45	1.805	51.1	0.39	4960	<10	320	<0.5	15	0.18	27.1	<1	1	284	4.92
G0558288		1.96	0.018	1.6	0.55	125	<10	430	0.7	2	0.94	16.2	7	5	17	3.07
G0558289		5.15	0.018	2.3	0.62	117	<10	830	0.7	<2	0.89	9.9	7	4	24	2.82
G0558290		1.35	0.010	0.5	0.52	217	<10	170	0.9	<2	0.32	10.8	6	3	12	2.70
G0558291		2.84	0.648	46.6	0.43	3760	<10	1420	0.8	7	0.49	63.2	7	2	110	4.03
G0558292		2.88	0.024	1.6	0.50	762	<10	1030	0.9	<2	0.69	25.3	6	3	32	3.03
G0558293		5.09	0.012	0.5	0.47	75	<10	2140	0.7	<2	3.68	4.9	4	4	8	1.78
G0558294		5.23	0.021	0.4	0.56	51	<10	1630	0.7	<2	2.04	5.2	4	4	5	1.84

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101067

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558259		<10	<1	0.18	30	0.04	1040	2	0.01	1	530	102	0.17	7	6	23
G0558260		<10	<1	0.22	10	0.08	2240	2	0.01	4	470	672	2.11	24	3	13
G0558261		<10	<1	0.16	20	0.06	913	3	0.01	<1	510	51	0.22	11	6	25
G0558262		<10	<1	0.17	20	0.07	1280	4	0.01	<1	460	40	0.39	5	5	21
G0558263		<10	<1	0.19	20	0.07	1950	7	0.01	1	510	81	1.05	9	3	21
G0558264		<10	<1	0.18	10	0.05	2930	7	0.01	1	550	299	1.30	12	3	23
G0558265		<10	<1	0.19	20	0.19	867	2	0.02	1	570	43	1.40	3	4	32
G0558266		<10	<1	0.13	30	0.18	464	1	0.02	1	580	36	0.24	4	7	20
G0558267		<10	<1	0.13	30	0.19	591	1	0.01	<1	650	45	0.12	6	8	13
G0558268		<10	<1	0.15	40	0.47	697	1	0.02	<1	780	31	0.13	3	8	19
G0558269		<10	<1	0.31	20	0.03	1950	5	0.01	<1	730	6010	0.36	59	2	43
G0558270		<10	<1	0.30	30	0.03	1960	5	0.01	<1	730	>10000	0.62	215	3	114
G0558271		<10	<1	0.18	20	0.09	1395	1	0.03	3	950	416	0.12	10	6	45
G0558272		<10	<1	0.16	20	0.18	710	2	0.03	<1	960	57	0.13	9	8	23
G0558273		<10	<1	0.02	<10	12.35	196	<1	0.02	<1	230	4	<0.01	<2	<1	53
G0558274		<10	<1	0.12	30	0.36	543	1	0.04	<1	600	133	0.09	<2	7	23
G0558275		<10	<1	0.16	30	0.23	549	1	0.04	<1	640	8	0.15	2	7	36
G0558276		<10	1	0.16	30	0.20	748	1	0.02	<1	600	23	0.08	9	8	20
G0558277		<10	<1	0.17	40	0.08	947	1	0.02	<1	630	12	0.21	3	7	23
G0558278		<10	<1	0.15	30	0.22	828	2	0.02	<1	630	17	0.07	3	8	10
G0558279		<10	1	0.18	60	0.04	1140	4	0.01	<1	640	152	0.14	5	6	21
G0558280		<10	1	0.09	<10	0.18	1570	1	0.01	10	140	>10000	>10.0	585	1	18
G0558281		<10	<1	0.44	20	0.04	3190	1	0.02	<1	590	1610	0.74	8	3	29
G0558282		<10	1	0.60	10	0.03	318	2	0.02	<1	530	2230	1.04	19	2	40
G0558283		<10	<1	0.22	20	0.09	2550	5	0.01	<1	570	116	0.23	13	7	26
G0558284		<10	<1	0.20	20	0.10	943	1	0.02	<1	590	82	0.47	<2	6	14
G0558285		<10	<1	0.21	20	0.02	2460	10	0.02	<1	380	>10000	1.15	74	3	35
G0558286		<10	<1	0.22	20	0.10	1280	2	0.02	<1	620	920	0.33	15	6	17
G0558287		<10	<1	0.49	20	0.04	178	2	0.02	<1	360	1710	0.82	64	3	51
G0558288		<10	<1	0.21	20	0.09	2030	1	0.03	<1	650	247	0.08	3	8	23
G0558289		<10	<1	0.17	20	0.13	916	3	0.03	<1	630	192	0.11	9	9	28
G0558290		<10	<1	0.18	20	0.04	903	3	0.01	<1	530	19	0.05	10	9	20
G0558291		<10	<1	0.25	20	0.03	1820	4	0.01	<1	520	4620	0.21	39	6	29
G0558292		<10	<1	0.22	20	0.04	1210	4	0.01	<1	580	214	0.08	14	8	26
G0558293		<10	<1	0.16	<10	0.07	665	2	0.01	<1	530	32	0.09	2	4	124
G0558294		<10	<1	0.19	10	0.08	663	2	0.01	<1	700	40	0.07	3	4	63

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101067

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
G0558259		<20	<0.01	<10	<10	17	<10	491			
G0558260		<20	<0.01	<10	<10	8	<10	2180			
G0558261		<20	<0.01	<10	<10	17	<10	436			
G0558262		<20	<0.01	<10	<10	14	<10	185			
G0558263		<20	<0.01	<10	<10	7	<10	309			
G0558264		<20	<0.01	<10	<10	9	<10	739			
G0558265		<20	<0.01	<10	<10	18	<10	349			
G0558266		<20	<0.01	<10	<10	30	<10	452			
G0558267		<20	<0.01	<10	<10	36	<10	545			
G0558268		<20	<0.01	<10	<10	42	<10	756			
G0558269		<20	<0.01	<10	<10	8	<10	1655			
G0558270		<20	<0.01	<10	<10	8	<10	1380	125		2.17
G0558271		<20	<0.01	<10	<10	33	<10	762			
G0558272		<20	<0.01	<10	<10	44	<10	153			
G0558273		<20	<0.01	<10	10	1	<10	18			
G0558274		<20	0.01	<10	<10	41	<10	174			
G0558275		<20	0.01	<10	<10	34	<10	204			
G0558276		<20	<0.01	<10	<10	34	<10	690			
G0558277		<20	<0.01	<10	<10	29	<10	604			
G0558278		<20	<0.01	<10	<10	38	<10	536			
G0558279		<20	<0.01	<10	<10	23	<10	997			
G0558280		<20	<0.01	<10	<10	8	150	>10000	427	3.44	3.04
G0558281		<20	<0.01	<10	<10	10	<10	1135			
G0558282		<20	<0.01	<10	<10	9	<10	839			
G0558283		<20	<0.01	<10	<10	20	<10	1595			
G0558284		<20	<0.01	<10	<10	26	<10	1135			
G0558285		<20	<0.01	<10	10	10	10	2420	114		1.690
G0558286		<20	<0.01	<10	<10	29	<10	1510			
G0558287		<20	<0.01	<10	<10	14	<10	1240			
G0558288		<20	<0.01	<10	<10	40	<10	1050			
G0558289		<20	<0.01	<10	<10	40	<10	863			
G0558290		<20	<0.01	<10	<10	35	<10	1230			
G0558291		<20	<0.01	<10	<10	19	<10	3120			
G0558292		<20	<0.01	<10	<10	25	<10	2240			
G0558293		<20	<0.01	<10	<10	19	<10	550			
G0558294		<20	<0.01	<10	<10	23	<10	468			

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VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101068

Project: KLAZA

P.O. No.: Batch 37

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101068

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558023		1.45	0.314	23.0	0.41	111	<10	90	<0.5	15	0.61	12.6	38	3	111	5.51
G0558024		4.81	0.051	2.9	0.55	63	<10	750	0.5	<2	0.41	5.9	10	5	13	2.96
G0558025		8.22	0.015	0.8	1.57	22	<10	300	0.6	<2	0.49	0.7	8	10	13	2.79
G0558026		3.01	0.031	0.7	0.77	66	<10	250	0.8	<2	0.31	1.0	6	4	14	2.43
G0558027		3.60	0.006	0.2	0.76	11	<10	430	0.5	<2	0.68	1.4	16	5	8	2.31
G0558028		2.28	0.374	4.9	0.43	156	<10	190	<0.5	4	0.12	3.8	36	3	53	6.38
G0558029		2.45	0.017	0.5	1.58	25	<10	420	0.5	<2	0.90	1.9	15	17	11	3.34
G0558030		2.69	0.168	0.7	2.52	36	<10	190	0.7	<2	0.61	1.2	8	38	13	4.40
G0558031		4.43	0.008	0.2	2.05	18	<10	450	<0.5	<2	1.26	<0.5	10	36	12	3.31
G0558032		5.91	0.012	0.2	1.07	24	<10	440	<0.5	<2	0.74	<0.5	8	8	6	2.49
G0558033		6.79	0.110	<0.2	1.01	23	<10	300	<0.5	<2	0.58	<0.5	7	7	9	2.11
G0558034		4.55	2.26	19.9	0.69	526	<10	280	0.5	28	0.25	5.5	21	4	216	3.29
G0558035		2.78	0.026	0.9	0.40	215	<10	380	0.5	<2	0.48	4.0	23	4	53	2.78
G0558036		3.50	0.013	0.5	0.43	50	<10	790	0.6	<2	0.29	1.5	9	4	8	2.55
G0558037		6.02	2.48	5.4	0.26	410	<10	110	<0.5	7	0.06	<0.5	2	2	7	2.36
G0558038		5.53	5.85	8.7	0.28	232	<10	150	<0.5	15	0.05	<0.5	<1	1	<1	1.66
G0558039		3.83	0.191	1.0	0.30	302	<10	260	<0.5	<2	0.06	0.7	5	2	2	3.02
G0558040		5.10	0.631	1.0	0.24	93	<10	210	<0.5	<2	0.07	<0.5	2	1	<1	3.90
G0558041		2.42	0.045	0.6	0.32	47	<10	310	<0.5	2	0.19	2.7	117	1	6	4.64
G0558042		3.60	0.032	1.9	0.34	221	<10	420	<0.5	<2	0.11	3.7	35	3	20	4.17
G0558043		2.12	1.390	>100	0.26	5040	<10	30	<0.5	22	0.23	56.5	14	3	983	5.24
G0558044		6.15	0.008	0.6	0.74	34	<10	390	<0.5	<2	0.36	0.9	6	7	12	2.36
G0558045		5.79	0.013	2.4	0.72	65	<10	470	0.7	<2	0.28	1.3	6	4	9	2.74
G0558046		2.52	1.095	23.9	0.48	6410	<10	700	0.8	<2	0.40	45.1	5	2	101	6.31
G0558047		8.33	0.009	0.3	0.90	33	<10	430	<0.5	<2	0.55	2.2	6	7	7	2.62
G0558048		6.30	0.024	<0.2	0.80	30	<10	330	0.5	<2	0.35	<0.5	7	7	12	2.61
G0558049		6.21	0.007	0.3	0.75	17	<10	830	0.6	<2	0.36	<0.5	5	5	2	2.44
G0558050		7.96	0.013	<0.2	0.76	23	<10	320	<0.5	<2	0.47	<0.5	6	6	13	2.35
G0558251		6.51	0.039	0.9	0.65	79	<10	780	0.6	<2	0.44	2.3	7	5	9	2.63
G0558252		2.39	0.027	0.6	0.78	70	<10	190	0.6	<2	0.29	2.2	15	5	19	2.85
G0558253		2.87	2.38	5.5	0.29	274	<10	690	<0.5	6	0.07	1.6	14	1	26	4.58
G0558254		3.58	0.074	1.6	0.33	79	<10	600	<0.5	<2	0.13	6.2	62	2	7	4.63
G0558255		9.52	0.051	0.7	0.71	151	<10	810	0.5	<2	0.27	1.3	19	4	4	2.86
G0558256		7.08	0.019	0.6	0.44	207	<10	1240	0.6	<2	0.35	1.7	11	2	6	2.88
G0558257		8.71	0.012	<0.2	0.73	70	<10	480	0.5	<2	0.39	1.2	6	6	17	2.49
G0558258		5.18	0.044	0.7	0.40	204	<10	520	0.5	<2	0.38	2.6	8	4	10	2.72

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

Project: KLAZA

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101068

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558023		<10	<1	0.30	10	0.18	2390	1	0.02	<1	530	1010	2.27	5	3	14
G0558024		<10	<1	0.18	20	0.12	994	1	0.02	<1	620	234	0.37	<2	5	14
G0558025		10	<1	0.11	20	0.81	649	2	0.04	<1	610	31	0.07	<2	8	23
G0558026		<10	<1	0.20	30	0.12	1150	2	0.01	<1	610	28	0.04	3	7	13
G0558027		<10	<1	0.18	20	0.30	937	1	0.04	<1	640	15	0.27	<2	6	30
G0558028		<10	<1	0.28	20	0.04	2240	11	0.01	<1	560	393	0.10	11	4	18
G0558029		<10	<1	0.19	20	0.96	1330	1	0.05	1	810	82	0.15	<2	9	41
G0558030		10	<1	0.12	30	1.71	1410	1	0.03	2	1160	56	0.06	<2	14	25
G0558031		10	<1	0.09	20	1.72	779	<1	0.05	6	970	19	0.16	<2	10	47
G0558032		<10	<1	0.13	20	0.66	686	<1	0.04	<1	600	33	0.13	<2	6	28
G0558033		<10	<1	0.10	20	0.59	565	<1	0.04	<1	560	17	0.07	<2	6	24
G0558034		<10	<1	0.18	20	0.15	1550	1	0.01	<1	550	278	0.09	13	5	19
G0558035		<10	<1	0.21	20	0.06	2130	<1	0.01	<1	600	241	0.16	3	5	16
G0558036		<10	1	0.15	20	0.04	1520	1	0.01	<1	500	18	0.07	2	7	23
G0558037		<10	<1	0.29	10	0.02	104	3	0.01	<1	280	120	0.21	13	1	19
G0558038		<10	<1	0.38	10	0.02	59	32	0.01	<1	190	151	0.36	3	1	21
G0558039		<10	1	0.25	<10	0.02	194	23	0.01	<1	560	149	0.12	<2	1	14
G0558040		<10	1	0.60	<10	0.02	107	66	0.01	<1	260	47	0.97	<2	1	15
G0558041		<10	<1	0.21	10	0.03	7200	2	0.01	<1	700	15	0.73	2	4	16
G0558042		<10	<1	0.22	20	0.03	2730	3	0.01	<1	500	930	0.11	7	3	14
G0558043		<10	2	0.18	20	0.04	3300	3	0.01	<1	240	>10000	3.26	1150	3	39
G0558044		<10	<1	0.19	20	0.33	601	1	0.05	2	540	45	0.06	<2	5	19
G0558045		<10	<1	0.17	30	0.21	813	<1	0.02	<1	590	244	0.02	4	9	11
G0558046		<10	1	0.25	40	0.06	3410	3	0.01	<1	790	3520	0.18	46	6	46
G0558047		<10	<1	0.13	20	0.43	835	<1	0.04	3	670	51	0.06	<2	6	26
G0558048		<10	<1	0.15	20	0.30	505	<1	0.04	<1	570	36	0.04	2	7	16
G0558049		<10	<1	0.16	20	0.23	630	<1	0.02	<1	550	28	0.02	<2	7	16
G0558050		<10	<1	0.13	20	0.35	517	<1	0.04	<1	550	22	0.09	<2	6	20
G0558251		<10	1	0.14	20	0.17	783	<1	0.02	<1	580	90	0.07	4	8	20
G0558252		<10	1	0.12	30	0.31	738	<1	0.02	2	570	50	0.02	2	8	14
G0558253		<10	<1	0.19	10	0.03	132	4	0.01	<1	310	1120	0.22	11	1	18
G0558254		<10	<1	0.18	10	0.04	1745	1	0.01	1	510	90	0.19	3	3	14
G0558255		<10	<1	0.14	30	0.21	1075	1	0.02	<1	570	43	0.07	3	6	18
G0558256		<10	<1	0.17	20	0.05	948	1	0.01	<1	580	31	0.10	6	6	21
G0558257		<10	<1	0.13	20	0.29	538	<1	0.03	<1	560	10	0.08	4	7	20
G0558258		<10	<1	0.14	20	0.07	806	1	0.02	<1	520	42	0.45	6	6	18

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101068

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
G0558023		<20	<0.01	<10	<10	16	<10	1340		
G0558024		<20	<0.01	<10	<10	28	<10	567		
G0558025		<20	0.02	<10	<10	52	<10	85		
G0558026		<20	<0.01	<10	<10	25	<10	97		
G0558027		<20	0.01	<10	<10	33	<10	104		
G0558028		<20	<0.01	<10	<10	15	<10	643		
G0558029		<20	0.02	<10	<10	63	<10	223		
G0558030		<20	0.01	<10	<10	123	<10	235		
G0558031		<20	0.04	<10	<10	101	<10	89		
G0558032		<20	0.02	<10	<10	42	<10	82		
G0558033		<20	0.01	<10	<10	39	<10	64		
G0558034		<20	<0.01	<10	<10	26	<10	586		
G0558035		<20	<0.01	<10	<10	22	<10	522		
G0558036		<20	<0.01	<10	<10	28	<10	180		
G0558037		<20	<0.01	<10	<10	5	<10	100		
G0558038		<20	<0.01	<10	<10	3	<10	34		
G0558039		<20	<0.01	<10	<10	15	<10	147		
G0558040		<20	<0.01	<10	<10	4	<10	31		
G0558041		20	<0.01	<10	<10	7	<10	167		
G0558042		<20	<0.01	<10	<10	10	<10	361		
G0558043		<20	<0.01	<10	10	7	<10	2870	1140	13.70
G0558044		<20	0.04	<10	<10	38	<10	99		
G0558045		<20	0.02	<10	<10	40	<10	141		
G0558046		<20	<0.01	<10	<10	21	<10	2310		
G0558047		<20	0.03	<10	<10	49	<10	175		
G0558048		<20	0.03	<10	<10	44	<10	61		
G0558049		<20	0.02	<10	<10	40	<10	53		
G0558050		<20	0.03	<10	<10	39	<10	57		
G0558251		<20	<0.01	<10	<10	33	<10	184		
G0558252		<20	0.01	<10	<10	36	<10	317		
G0558253		<20	<0.01	<10	<10	6	<10	592		
G0558254		<20	<0.01	<10	<10	14	<10	468		
G0558255		<20	<0.01	<10	<10	26	<10	179		
G0558256		<20	<0.01	<10	<10	18	<10	260		
G0558257		<20	<0.01	<10	<10	37	<10	170		
G0558258		<20	<0.01	<10	<10	22	<10	275		

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

Finalized Date: 7-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101069

Project: KLAZA

P.O. No.: Batch 36

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
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Project: KLAZA

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CERTIFICATE OF ANALYSIS WH10101069

Sample Description	Method	WEI-21	Au-AA24	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G0557987		2.07	0.021		0.4	1.35	49	<10	380	0.6	2	0.32	1.4	6	6	10
G0557988		4.75	0.085		2.0	1.41	136	<10	710	0.9	2	0.37	3.6	12	5	14
G0557989		3.20	0.029		0.6	1.24	40	<10	270	0.8	3	0.37	0.7	6	4	9
G0557990		3.35	0.006		0.3	1.14	24	<10	300	0.6	3	1.05	1.5	6	7	6
G0557991		2.36	0.013		0.6	0.67	40	<10	610	0.8	3	0.54	2.9	6	3	3
G0557992		2.32	0.007		0.3	0.39	36	<10	1610	0.5	<2	1.61	1.0	6	11	11
G0557993		2.35	0.009		0.5	0.46	43	<10	130	0.7	<2	0.57	1.3	6	3	5
G0557994		3.53	0.005		0.3	1.06	26	<10	280	0.8	2	1.19	0.6	7	4	7
G0557995		2.09	0.054		1.3	0.46	226	<10	1650	0.8	2	0.86	2.5	8	4	13
G0557996		6.77	0.128		2.2	0.52	422	<10	1210	0.7	2	0.81	3.6	6	5	14
G0557997		3.09	0.082		1.1	0.60	277	<10	810	0.6	<2	0.94	2.1	6	4	16
G0557998		1.73	0.023		2.1	0.40	85	<10	1710	0.8	<2	3.34	7.7	5	2	10
G0557999		2.45	0.061		0.6	0.52	110	<10	1610	0.5	<2	1.47	3.2	6	4	7
G0558000		3.75	0.031		0.5	0.58	393	<10	1630	1.1	<2	0.70	4.4	7	6	11
G0558001		3.38	0.044		0.8	0.60	401	<10	1340	0.7	<2	1.74	5.6	6	3	6
G0558002		4.12	0.014		0.2	0.54	289	<10	420	0.6	<2	0.73	6.4	7	5	5
G0558003		1.28	0.019		0.2	0.66	323	<10	450	0.6	<2	0.32	6.6	6	4	9
G0558004		3.09	0.239		3.1	0.76	1420	<10	760	0.9	2	0.32	16.9	9	3	35
G0558005		3.77	8.25		64.2	0.46	>10000	<10	370	0.5	10	0.28	16.8	3	2	85
G0558006		4.39	0.044		0.7	0.45	395	<10	690	0.8	<2	0.56	6.2	6	4	6
G0558007		2.30	0.772		6.6	0.43	1995	<10	1150	0.9	<2	0.41	22.9	7	4	40
G0558008		10.88	>10.0	11.65	>100	0.29	>10000	<10	60	0.7	6	0.41	131.0	6	2	211
G0558009		2.84	0.030		0.7	0.70	202	<10	780	0.7	2	0.30	4.1	5	3	3
G0558010		3.97	0.035		1.7	0.54	83	<10	560	0.6	2	1.17	11.1	5	4	6
G0558011		4.21	0.041		1.1	0.50	199	<10	420	0.5	<2	1.00	5.4	5	4	3
G0558012		2.40	0.071		2.2	0.40	273	<10	660	0.8	<2	0.58	9.1	7	2	8
G0558013		1.86	5.18		>100	0.15	9960	<10	30	<0.5	5	0.41	681	2	<1	858
G0558014		3.62	0.357		5.6	0.33	719	<10	840	0.5	<2	0.28	8.1	7	3	20
G0558015		4.40	0.017		1.1	0.41	69	<10	1080	0.6	<2	0.90	3.8	6	3	5
G0558016		3.43	0.073		4.5	0.33	224	<10	1080	0.7	<2	0.27	6.7	10	2	17
G0558017		1.95	0.188		6.0	0.31	1285	<10	500	0.6	3	0.27	14.8	5	2	15
G0558018		2.49	1.535		18.4	0.25	1320	<10	590	<0.5	3	0.18	21.0	12	2	106
G0558019		7.14	0.197		25.4	0.22	674	<10	310	<0.5	5	0.16	12.8	4	2	79
G0558020		2.16	0.022		0.7	0.51	46	<10	410	1.1	2	1.38	3.6	8	3	11
G0558021		2.64	0.030		2.3	0.43	112	<10	1050	1.0	2	0.39	11.1	13	3	140
G0558022		2.50	0.056		6.6	0.54	53	<10	460	<0.5	4	0.77	3.4	9	5	9

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CERTIFICATE OF ANALYSIS WH10101069

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G0557987		2.83	10	<1	0.24	20	0.36	535	<1	0.05	<1	470	40	0.02	3	7
G0557988		3.49	<10	<1	0.25	30	0.30	1320	1	0.03	<1	520	212	0.07	4	7
G0557989		2.56	<10	<1	0.18	30	0.27	403	<1	0.02	<1	590	18	0.04	<2	7
G0557990		2.94	<10	<1	0.23	30	0.47	830	<1	0.06	<1	830	27	0.05	2	6
G0557991		3.62	<10	<1	0.22	30	0.16	3550	1	0.02	1	660	156	0.07	2	6
G0557992		2.02	<10	1	0.06	10	0.11	848	1	0.03	15	320	28	0.05	4	5
G0557993		2.03	<10	1	0.12	20	0.06	808	1	0.01	2	510	63	0.01	4	7
G0557994		2.65	<10	<1	0.17	30	0.29	443	<1	0.01	<1	560	18	0.08	2	7
G0557995		2.57	<10	<1	0.15	20	0.08	1355	1	0.02	1	590	161	0.07	5	9
G0557996		2.78	<10	<1	0.16	20	0.12	1435	1	0.02	2	540	190	0.06	6	7
G0557997		2.60	<10	<1	0.11	20	0.25	756	1	0.01	6	570	73	0.02	<2	7
G0557998		3.83	<10	<1	0.20	20	0.16	3950	1	0.01	<1	470	382	0.05	<2	5
G0557999		2.59	<10	<1	0.13	20	0.23	1055	1	0.02	1	570	88	0.05	<2	6
G0558000		2.54	<10	<1	0.16	10	0.08	1260	1	<0.01	2	910	28	0.02	3	4
G0558001		2.74	<10	<1	0.13	20	0.27	1150	1	0.01	2	510	34	0.02	<2	6
G0558002		2.80	<10	<1	0.12	30	0.14	820	1	0.03	<1	650	18	<0.01	2	9
G0558003		2.62	<10	<1	0.11	20	0.21	683	1	0.03	<1	580	16	<0.01	<2	7
G0558004		3.15	<10	<1	0.14	30	0.14	1920	1	<0.01	<1	560	310	0.01	9	6
G0558005		5.67	<10	<1	0.33	10	0.05	763	2	<0.01	<1	340	3190	0.75	114	2
G0558006		2.29	<10	<1	0.15	10	0.06	1355	2	<0.01	4	690	45	<0.01	2	4
G0558007		2.82	<10	<1	0.16	10	0.05	4080	5	<0.01	5	680	694	0.08	16	3
G0558008		7.05	<10	<1	0.17	10	0.06	11350	20	<0.01	<1	400	9620	3.08	161	3
G0558009		2.46	<10	<1	0.12	20	0.21	1170	1	<0.01	<1	480	64	0.05	2	6
G0558010		3.20	<10	<1	0.18	20	0.20	2210	2	0.01	<1	540	247	0.03	<2	6
G0558011		2.54	<10	<1	0.15	20	0.19	1265	2	0.01	<1	580	102	0.09	<2	6
G0558012		2.90	<10	<1	0.16	20	0.06	2050	1	<0.01	<1	540	271	0.05	<2	6
G0558013		12.60	<10	2	0.11	<10	0.09	14700	<1	<0.01	<1	130	>10000	>10.0	501	1
G0558014		3.12	<10	<1	0.19	30	0.04	1785	2	<0.01	<1	450	446	0.16	9	4
G0558015		2.81	<10	<1	0.13	20	0.07	1215	1	<0.01	<1	550	86	0.05	<2	7
G0558016		3.00	<10	<1	0.16	20	0.03	1535	1	<0.01	<1	430	414	0.15	2	4
G0558017		3.15	<10	<1	0.19	20	0.03	3810	1	<0.01	<1	480	448	0.17	7	4
G0558018		4.29	<10	<1	0.20	10	0.02	4030	3	<0.01	<1	430	2360	0.33	21	3
G0558019		3.83	<10	<1	0.36	10	0.02	1640	1	<0.01	<1	270	2130	0.69	10	2
G0558020		2.52	<10	<1	0.15	10	0.08	950	1	<0.01	2	630	53	<0.01	<2	4
G0558021		3.10	<10	<1	0.16	10	0.05	2060	3	<0.01	2	600	178	0.06	2	5
G0558022		2.86	<10	<1	0.15	20	0.26	1360	<1	0.01	<1	530	255	0.29	<2	5

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 7-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101069

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
G0557987		17	20	0.02	<10	<10	39	<10	158			
G0557988		20	20	0.01	<10	<10	32	<10	376			
G0557989		13	20	<0.01	<10	<10	32	<10	127			
G0557990		36	<20	0.01	<10	<10	41	<10	135			
G0557991		27	<20	<0.01	<10	<10	29	<10	259			
G0557992		41	<20	<0.01	<10	<10	31	<10	176			
G0557993		18	<20	<0.01	<10	<10	25	<10	186			
G0557994		37	<20	0.02	<10	<10	31	<10	84			
G0557995		28	<20	<0.01	<10	<10	34	<10	329			
G0557996		29	<20	<0.01	<10	<10	31	<10	349			
G0557997		33	<20	<0.01	<10	<10	35	<10	245			
G0557998		59	<20	<0.01	<10	<10	20	<10	688			
G0557999		50	<20	<0.01	<10	<10	30	<10	338			
G0558000		35	<20	<0.01	<10	<10	25	<10	726			
G0558001		28	<20	<0.01	<10	<10	26	<10	635			
G0558002		23	<20	<0.01	<10	<10	37	<10	738			
G0558003		26	<20	0.01	<10	<10	36	<10	1030			
G0558004		21	<20	<0.01	<10	<10	25	<10	1715			
G0558005		53	<20	<0.01	<10	20	10	<10	1760			
G0558006		33	<20	<0.01	<10	<10	27	<10	1205			
G0558007		36	<20	<0.01	<10	<10	21	<10	2290			
G0558008		52	<20	<0.01	<10	<10	10	10	8690	116		
G0558009		18	20	<0.01	<10	<10	27	<10	450			
G0558010		30	<20	<0.01	<10	<10	29	<10	756			
G0558011		27	<20	<0.01	<10	<10	30	<10	343			
G0558012		17	<20	<0.01	<10	<10	21	<10	660			
G0558013		31	<20	<0.01	<10	<10	3	20	>10000	522	4.64	1.960
G0558014		22	<20	<0.01	<10	<10	12	<10	753			
G0558015		24	<20	<0.01	<10	<10	32	<10	304			
G0558016		17	<20	<0.01	<10	<10	17	<10	804			
G0558017		18	<20	<0.01	<10	<10	13	<10	1165			
G0558018		30	<20	<0.01	<10	<10	16	30	1935			
G0558019		30	<20	<0.01	<10	<10	10	<10	1230			
G0558020		29	<20	<0.01	<10	<10	31	<10	401			
G0558021		24	<20	<0.01	<10	<10	31	<10	1090			
G0558022		28	<20	0.01	<10	<10	28	<10	374			

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101130

Project: KLAZA

P.O. No.: Batch 35

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101130

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G0557951		4.38	0.006	<0.2	1.03	35	<10	180	<0.5	<2	0.51	<0.5	5	7	6	2.53
G0557952		0.98	0.020	0.4	1.01	237	<10	180	<0.5	<2	0.69	1.6	5	7	8	2.65
G0557953		2.23	0.243	7.1	0.67	1175	<10	380	0.5	<2	0.38	1.5	22	2	23	3.93
G0557954		1.41	<0.005	<0.2	0.89	18	<10	270	<0.5	<2	0.55	<0.5	14	6	11	2.51
G0557955		5.75	0.009	<0.2	1.00	19	<10	190	<0.5	<2	0.46	<0.5	5	8	29	2.49
G0557956		2.95	0.009	0.2	0.63	25	<10	420	<0.5	<2	0.43	<0.5	12	6	14	2.33
G0557957		1.80	0.028	1.2	0.46	43	<10	590	0.5	<2	0.23	<0.5	20	2	39	3.83
G0557958		3.61	0.026	0.6	0.38	27	<10	550	<0.5	<2	0.21	<0.5	38	3	4	4.59
G0557959		2.17	0.010	0.2	0.47	14	<10	690	0.5	<2	0.21	<0.5	17	3	11	2.89
G0557960		3.26	0.005	<0.2	0.96	11	<10	340	<0.5	<2	0.58	<0.5	10	6	4	2.49
G0557961		1.93	0.023	0.3	0.93	51	<10	610	0.7	<2	0.28	0.5	9	4	9	2.80
G0557962		1.55	0.017	<0.2	0.91	13	<10	350	0.5	<2	0.29	<0.5	6	5	4	2.58
G0557963		3.74	0.062	0.5	0.59	26	<10	800	0.7	<2	0.20	0.7	6	4	10	2.60
G0557964		1.32	0.030	0.3	0.89	79	<10	330	0.6	<2	0.29	1.4	7	6	17	2.66
G0557965		1.95	0.015	<0.2	0.84	42	<10	390	0.5	<2	0.40	0.8	6	5	21	2.47
G0557966		1.75	0.027	0.8	0.48	52	<10	2210	1.1	<2	0.24	0.5	8	1	17	2.76
G0557967		2.79	0.021	1.0	0.58	34	<10	1390	1.0	<2	1.48	0.6	6	2	11	2.30
G0557968		1.93	0.042	0.4	0.42	87	<10	1700	0.8	<2	0.57	<0.5	7	2	22	2.95
G0557969		2.04	0.008	<0.2	0.56	16	<10	180	0.6	<2	0.34	<0.5	5	4	7	2.65
G0557970		4.08	0.007	0.2	0.84	16	<10	220	<0.5	<2	0.74	<0.5	5	7	10	2.59
G0557971		2.43	0.007	<0.2	0.82	17	<10	120	0.5	<2	0.88	<0.5	6	4	5	2.58
G0557972		3.19	0.030	0.3	0.59	100	<10	880	0.7	<2	1.01	0.6	6	3	5	2.48
G0557973		3.13	0.007	<0.2	0.94	16	<10	250	0.5	<2	0.83	0.6	6	5	10	2.53
G0557974		2.57	0.023	0.9	0.53	140	<10	380	0.8	<2	0.43	3.4	7	3	11	2.61
G0557975		1.53	0.118	9.3	0.77	303	<10	310	0.6	<2	0.48	3.5	6	4	11	2.82
G0557976		2.77	8.61	>100	0.31	>10000	<10	80	<0.5	3	0.35	126.5	4	<1	30	6.38
G0557977		1.87	0.018	0.5	0.72	43	<10	620	0.7	<2	0.85	2.0	6	5	28	2.69
G0557978		4.60	0.024	0.6	0.73	79	<10	1720	0.8	<2	1.02	2.0	7	3	14	2.84
G0557979		0.54	<0.005	<0.2	0.04	9	<10	20	<0.5	<2	20.6	<0.5	<1	1	1	0.39
G0557980		4.82	0.011	0.2	0.97	26	<10	330	<0.5	<2	0.43	1.5	9	31	25	2.49
G0557981		3.37	0.028	0.8	0.87	67	<10	560	0.6	<2	0.32	2.3	6	6	12	2.28
G0557982		2.20	0.024	1.7	0.83	68	<10	980	0.7	2	0.45	4.0	9	6	8	2.50
G0557983		2.61	0.014	0.3	0.94	26	<10	380	<0.5	<2	0.36	1.6	5	6	7	2.46
G0557984		1.00	0.107	22.7	0.47	327	<10	1290	0.7	2	0.17	12.8	8	2	92	3.44
G0557985		1.20	0.012	0.5	0.93	27	<10	560	<0.5	<2	0.32	2.0	6	5	12	2.54
G0557986		0.07	3.44	>100	0.18	>10000	<10	10	<0.5	2	0.37	326	2	8	1600	13.7

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101130

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0557951		10	<1	0.12	20	0.57	505	<1	0.06	<1	580	11	0.02	<2	5	20
G0557952		<10	<1	0.13	20	0.59	965	<1	0.05	<1	590	13	0.04	2	6	25
G0557953		<10	<1	0.28	20	0.19	1245	2	0.02	<1	830	88	0.26	21	7	23
G0557954		<10	<1	0.12	20	0.50	502	<1	0.05	<1	550	8	0.17	<2	6	24
G0557955		<10	<1	0.11	20	0.58	520	<1	0.05	<1	560	17	0.03	<2	6	20
G0557956		<10	<1	0.17	20	0.22	564	<1	0.03	<1	450	12	0.39	<2	4	15
G0557957		<10	<1	0.22	20	0.05	2350	1	0.01	<1	570	32	0.35	11	5	14
G0557958		<10	1	0.22	10	0.04	2850	1	0.01	<1	670	53	0.38	<2	3	14
G0557959		<10	1	0.17	20	0.04	1150	1	0.01	6	580	13	0.29	<2	6	14
G0557960		10	<1	0.12	20	0.53	580	<1	0.04	1	600	12	0.13	<2	6	23
G0557961		<10	<1	0.17	30	0.21	1245	1	0.02	2	610	28	0.03	<2	7	19
G0557962		<10	<1	0.12	20	0.28	599	<1	0.03	2	580	12	0.01	<2	8	20
G0557963		<10	<1	0.13	20	0.06	687	1	0.01	3	550	12	0.03	2	8	19
G0557964		<10	1	0.12	20	0.31	814	1	0.02	5	610	44	0.02	2	5	17
G0557965		<10	1	0.13	20	0.36	699	<1	0.04	3	560	24	0.04	<2	6	23
G0557966		<10	<1	0.20	30	0.05	2140	2	0.01	2	540	24	0.07	5	5	47
G0557967		<10	<1	0.19	20	0.08	1200	1	0.01	2	510	45	0.06	2	6	51
G0557968		<10	<1	0.20	30	0.04	1385	2	0.01	2	530	20	0.16	5	6	28
G0557969		<10	<1	0.13	20	0.06	571	1	0.01	2	550	9	0.01	2	9	15
G0557970		<10	1	0.14	20	0.37	540	1	0.05	1	570	12	0.01	<2	7	29
G0557971		<10	1	0.11	30	0.31	650	<1	0.03	2	630	12	0.01	<2	8	34
G0557972		<10	<1	0.18	30	0.12	902	<1	0.02	2	570	25	0.08	<2	6	31
G0557973		<10	<1	0.14	20	0.41	562	<1	0.04	2	610	10	0.01	<2	7	28
G0557974		<10	1	0.18	20	0.05	1580	1	0.01	1	600	92	0.03	4	8	16
G0557975		<10	<1	0.14	30	0.19	1550	1	0.01	2	600	1545	0.04	10	8	18
G0557976		<10	2	0.18	10	0.04	30200	6	0.01	<1	160	>10000	1.61	367	3	81
G0557977		<10	<1	0.21	20	0.06	1355	1	0.01	12	500	53	0.02	7	8	22
G0557978		<10	<1	0.22	30	0.13	1190	1	0.02	2	570	50	0.06	3	8	38
G0557979		<10	<1	0.02	<10	12.75	209	<1	0.02	<1	310	14	<0.01	<2	<1	52
G0557980		10	<1	0.17	20	0.40	594	<1	0.06	10	580	31	0.07	<2	5	24
G0557981		<10	1	0.20	20	0.21	908	<1	0.03	2	490	55	0.06	<2	5	21
G0557982		<10	1	0.25	30	0.17	1795	1	0.05	3	710	41	0.10	<2	5	39
G0557983		10	<1	0.22	20	0.34	553	<1	0.08	2	530	36	0.02	<2	6	25
G0557984		<10	<1	0.29	30	0.02	3500	3	0.01	1	580	1995	0.12	46	4	18
G0557985		<10	<1	0.27	20	0.32	1115	1	0.06	2	540	46	0.02	<2	7	23
G0557986		<10	1	0.08	<10	0.16	1485	<1	0.01	13	140	>10000	>10.0	584	1	18

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

Project: KLAZA

Finalized Date: 5-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10101130

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
G0557951		<20	0.08	<10	<10	50	<10	63			
G0557952		<20	0.03	<10	<10	45	<10	194			
G0557953		<20	<0.01	<10	<10	33	<10	288			
G0557954		<20	0.01	<10	<10	39	<10	41			
G0557955		<20	0.07	<10	<10	49	<10	48			
G0557956		20	0.02	<10	<10	26	<10	37			
G0557957		<20	<0.01	<10	<10	18	<10	66			
G0557958		<20	<0.01	<10	<10	18	<10	70			
G0557959		<20	<0.01	<10	<10	27	<10	47			
G0557960		<20	0.03	<10	<10	43	<10	43			
G0557961		<20	0.01	<10	<10	32	<10	64			
G0557962		<20	0.01	<10	<10	44	<10	46			
G0557963		<20	<0.01	<10	<10	34	<10	64			
G0557964		<20	0.01	<10	<10	37	<10	97			
G0557965		<20	0.02	<10	<10	39	<10	66			
G0557966		<20	<0.01	<10	<10	14	<10	56			
G0557967		<20	<0.01	<10	<10	21	<10	62			
G0557968		<20	<0.01	<10	<10	21	<10	58			
G0557969		<20	<0.01	<10	<10	42	<10	45			
G0557970		<20	0.02	<10	<10	44	<10	45			
G0557971		<20	<0.01	<10	<10	41	<10	46			
G0557972		<20	<0.01	<10	<10	25	<10	80			
G0557973		<20	0.01	<10	<10	41	<10	63			
G0557974		<20	<0.01	<10	<10	30	<10	329			
G0557975		<20	0.01	<10	<10	37	<10	324			
G0557976		<20	<0.01	<10	10	15	10	5930	236		4.34
G0557977		<20	0.01	<10	<10	36	<10	175			
G0557978		<20	<0.01	<10	<10	32	<10	195			
G0557979		<20	<0.01	<10	10	1	<10	20			
G0557980		<20	0.05	<10	<10	47	<10	113			
G0557981		<20	0.01	<10	<10	30	<10	153			
G0557982		<20	0.01	<10	<10	29	<10	200			
G0557983		<20	0.03	<10	<10	39	<10	154			
G0557984		<20	<0.01	<10	<10	12	<10	1010			
G0557985		<20	0.05	<10	<10	40	<10	162			
G0557986		<20	<0.01	<10	<10	7	140	>10000	414	3.51	3.01

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

Finalized Date: 5-AUG-2010
Account: ROCKHA

CERTIFICATE WH10101131

Project: KLAZA

P.O. No.: Batch 34

This report is for 22 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101131

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G0558213		5.42	0.046	0.5	1.48	17	<10	400	0.5	<2	0.17	1.0	4	4	77	3.36
G0558214		2.82	0.801	1.8	1.10	66	<10	320	0.5	9	0.11	0.8	4	3	105	4.02
G0558215		5.10	0.051	0.4	1.63	72	<10	370	0.8	4	0.08	0.7	3	16	237	4.87
G0558216		4.60	0.096	0.6	1.26	51	<10	490	0.5	2	0.05	0.6	4	4	102	3.70
G0558217		2.35	0.047	0.3	0.76	21	<10	350	<0.5	2	0.04	<0.5	3	1	68	3.45
G0558218		2.06	0.831	4.3	0.60	330	<10	170	<0.5	10	0.03	0.5	2	20	37	3.68
G0558219		2.12	0.452	1.5	0.53	149	<10	240	<0.5	3	0.01	<0.5	2	2	50	3.72
G0558220		5.72	0.134	1.0	0.74	101	<10	180	<0.5	2	0.01	0.5	3	3	112	3.41
G0558221		4.70	0.129	1.7	1.10	92	<10	350	<0.5	2	0.05	0.5	1	29	97	4.66
G0558222		3.01	0.038	0.5	0.88	27	<10	810	<0.5	<2	0.10	0.8	5	4	43	3.18
G0558223		3.49	0.890	2.0	0.44	79	<10	220	<0.5	5	0.03	<0.5	1	2	23	2.61
G0558224		3.16	0.371	1.3	0.81	116	<10	400	<0.5	2	0.03	0.6	1	19	68	3.27
G0558225		1.71	0.090	1.2	0.48	32	<10	380	<0.5	3	0.04	0.7	1	2	38	2.46
G0558226		4.43	0.129	1.1	1.03	60	<10	560	0.6	2	0.04	0.6	2	4	112	3.80
G0558227		5.61	0.072	1.1	0.87	77	<10	220	0.5	2	0.04	0.8	3	20	107	4.49
G0558405		3.77	0.065	5.4	0.78	256	<10	140	0.5	2	0.11	13.3	2	5	61	4.02
G0558406		1.95	0.092	4.5	0.73	1055	<10	330	0.5	<2	0.17	15.4	3	4	41	4.41
G0558407		6.62	0.305	15.2	0.47	2100	<10	490	<0.5	2	0.05	4.4	<1	36	16	2.33
G0558408		3.91	0.656	13.5	0.44	3250	<10	300	0.6	<2	0.08	28.2	<1	3	39	4.65
G0558409		2.50	0.077	8.8	0.57	745	<10	180	1.3	<2	0.08	24.9	1	3	54	4.09
G0558410		3.15	0.135	7.7	0.53	1180	<10	580	1.8	3	0.06	44.6	1	21	66	6.14
G0558411		4.34	0.022	1.2	0.60	161	<10	230	1.2	<2	0.12	7.1	1	1	21	1.51

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VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101131

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558213		<10	<1	0.42	20	0.37	159	1	0.04	1	630	57	0.45	2	6	45
G0558214		<10	<1	0.48	30	0.25	155	2	0.03	<1	560	95	0.68	5	4	66
G0558215		10	<1	0.41	30	0.40	151	1	0.04	1	710	45	0.59	<2	7	70
G0558216		<10	1	0.36	30	0.36	141	3	0.06	2	630	65	0.53	<2	6	78
G0558217		<10	<1	0.43	20	0.06	50	5	0.03	<1	550	56	0.61	<2	3	54
G0558218		<10	<1	0.57	30	0.02	74	3	0.01	1	480	338	0.67	11	4	70
G0558219		<10	1	0.60	20	0.01	75	1	0.02	<1	530	78	0.92	14	2	26
G0558220		<10	<1	0.39	30	0.02	81	<1	0.01	1	710	120	0.41	5	5	32
G0558221		<10	<1	0.50	20	0.24	92	6	0.04	9	650	112	0.69	7	5	39
G0558222		<10	<1	0.31	20	0.21	147	2	0.03	3	600	51	0.62	2	4	44
G0558223		<10	<1	0.55	20	0.02	40	4	0.02	<1	260	207	0.95	11	1	63
G0558224		<10	<1	0.56	30	0.03	46	3	0.02	<1	610	116	0.86	18	3	46
G0558225		<10	<1	0.55	20	0.03	32	5	0.02	20	280	164	0.79	3	1	17
G0558226		<10	<1	0.40	40	0.25	118	1	0.06	<1	760	68	0.64	6	5	100
G0558227		<10	<1	0.62	30	0.04	81	2	0.01	<1	830	95	0.91	10	4	45
G0558405		<10	<1	0.31	20	0.13	690	1	0.02	<1	560	1020	0.17	6	4	10
G0558406		<10	<1	0.31	20	0.16	833	3	0.02	<1	540	2240	0.26	9	4	22
G0558407		<10	<1	0.50	10	0.02	81	9	0.01	<1	290	3540	0.56	23	2	22
G0558408		<10	<1	0.37	20	0.02	152	33	0.01	<1	480	3540	0.35	29	5	24
G0558409		<10	<1	0.31	20	0.03	228	25	0.01	<1	420	2590	0.08	16	5	11
G0558410		<10	1	0.21	10	0.03	408	18	0.01	<1	180	3140	0.07	63	3	22
G0558411		<10	<1	0.21	<10	0.03	443	5	0.01	<1	40	494	<0.01	8	2	19

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Finalized Date: 5-AUG-2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10101131

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
G0558213		<20	<0.01	<10	<10	29	<10	184
G0558214		<20	<0.01	<10	<10	23	<10	224
G0558215		20	<0.01	<10	<10	36	<10	227
G0558216		<20	<0.01	<10	<10	26	<10	176
G0558217		<20	<0.01	<10	<10	11	<10	128
G0558218		<20	<0.01	<10	<10	8	<10	323
G0558219		20	<0.01	<10	<10	12	<10	180
G0558220		<20	<0.01	<10	<10	16	<10	274
G0558221		<20	<0.01	<10	<10	32	<10	224
G0558222		20	<0.01	<10	<10	26	<10	201
G0558223		<20	<0.01	<10	<10	6	<10	136
G0558224		<20	<0.01	<10	<10	12	<10	245
G0558225		<20	<0.01	<10	<10	5	<10	86
G0558226		20	<0.01	<10	<10	24	<10	260
G0558227		20	<0.01	<10	<10	17	<10	335
G0558405		<20	<0.01	<10	<10	29	<10	1430
G0558406		<20	<0.01	<10	<10	28	<10	1410
G0558407		<20	<0.01	<10	<10	7	<10	204
G0558408		<20	<0.01	<10	<10	13	<10	1540
G0558409		<20	<0.01	<10	<10	13	<10	2000
G0558410		<20	<0.01	<10	10	8	30	2000
G0558411		20	<0.01	<10	<10	2	<10	719

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Finalized Date: 9- AUG- 2010
This copy reported on
11- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10103515

Project: Klaza

P.O. No.: Batch 46

This report is for 37 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29- JUL- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10103515

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J999521		5.34	0.080	2.1	0.89	252	<10	490	0.7	<2	0.23	11.3	9	5	53	3.47
J999522		6.35	0.069	0.9	1.19	44	<10	380	0.6	2	0.32	6.9	8	8	37	3.05
J999523		4.74	0.062	1.6	0.81	66	<10	680	0.7	<2	0.20	9.5	9	5	76	3.24
J999524		2.59	1.495	7.4	0.59	201	<10	1020	0.6	5	0.17	9.6	7	3	100	3.62
J999525		4.84	0.061	0.8	1.07	54	<10	380	0.5	<2	0.29	5.6	9	8	21	2.97
J999526		2.58	0.028	0.7	1.03	32	<10	360	0.5	<2	0.25	6.2	10	6	15	2.87
J999527		2.29	0.029	0.9	0.91	47	<10	1000	0.6	<2	0.23	5.8	7	5	28	3.09
J999528		6.31	0.724	2.3	0.95	132	<10	470	0.7	2	0.28	10.9	10	6	70	3.90
J999529		3.26	0.050	1.4	1.29	95	<10	400	0.9	<2	0.33	9.2	7	5	46	3.57
J999530		3.27	0.275	4.2	0.97	79	<10	590	0.6	4	0.19	9.7	9	4	51	3.77
J999531		2.80	0.067	1.9	0.62	95	<10	1210	0.7	<2	0.14	10.8	6	3	91	3.83
J999532		2.08	0.228	4.3	0.46	479	<10	840	0.6	<2	0.08	14.4	1	2	47	3.44
J999533		4.78	0.040	1.4	1.79	77	<10	1110	1.1	<2	0.38	10.9	16	6	111	4.15
J999534		1.65	0.050	2.0	1.68	132	<10	270	0.7	2	0.27	6.3	4	6	109	5.23
J999535		1.81														
J999536		1.61														
J999537		2.76	0.230	3.3	0.57	1585	<10	2250	0.9	2	0.17	47.7	8	3	379	4.61
J999538		1.59	0.027	1.8	0.60	204	<10	600	0.9	<2	0.20	12.7	12	4	64	2.92
J999539		1.90	0.419	7.5	0.39	1050	<10	660	<0.5	3	0.11	24.8	<1	2	70	4.11
J999540		5.11	0.853	53.0	0.41	1450	<10	210	<0.5	3	0.13	20.1	<1	2	114	4.08
J999541		1.73	0.032	1.0	0.73	405	<10	2550	0.9	<2	0.25	14.9	10	4	37	3.10
J999542		1.80	0.029	1.1	0.62	531	<10	880	1.0	<2	0.29	15.0	6	3	23	2.99
J999543		2.92	7.19	31.9	0.40	3730	<10	750	0.8	<2	0.18	65.1	2	4	57	4.58
J999544		2.11	0.033	1.3	0.70	191	<10	2330	0.9	<2	0.28	12.6	8	7	21	2.64
J999545		2.75	0.014	0.6	0.69	111	<10	760	0.8	<2	0.32	8.8	5	4	16	2.20
J999546		5.38	0.047	0.6	0.67	145	<10	1140	0.8	<2	0.31	9.3	5	4	14	2.25
J999547		5.16	0.016	0.6	0.77	144	<10	2020	0.7	<2	0.26	12.3	7	7	28	2.69
J999548		1.40	0.041	1.8	0.82	327	<10	690	0.8	2	0.18	20.4	6	4	71	3.78
J999549		5.50	0.081	3.4	0.69	259	<10	260	0.5	2	0.19	15.9	1	2	52	4.57
J999550		2.05	0.027	0.9	1.01	321	<10	420	0.7	2	0.28	17.6	10	4	24	2.77
J999551		3.10	0.294	11.1	0.62	719	<10	1440	0.6	2	0.25	23.7	5	3	44	3.29
J999552		1.06	0.023	0.8	0.65	304	<10	1730	0.5	<2	0.23	11.6	7	3	16	2.47
J999553		3.04	0.027	0.8	0.70	729	<10	2080	0.5	2	0.23	18.3	8	3	21	2.92
J999554		3.25	4.54	12.7	0.56	5850	<10	1010	<0.5	2	0.23	81.8	11	2	41	4.25
J999555		2.56	0.502	8.3	0.60	1010	<10	1480	0.5	3	0.18	26.5	6	2	51	3.24
J999556		5.15	0.039	1.6	0.88	526	<10	1050	0.8	<2	0.23	26.1	14	4	75	3.12
J999535/J999536composite			0.286	6.3	0.51	667	<10	810	<0.5	4	0.10	14.4	1	2	39	2.92

Comments: ***Corrected Copy for PO no. from Batch 45 & 46 to Batch 46***

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

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

Finalized Date: 9- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10103515

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J999521		<10	<1	0.28	20	0.13	893	5	0.02	1	530	212	0.02	3	6	20
J999522		<10	<1	0.20	20	0.46	721	3	0.03	2	590	114	0.02	<2	6	19
J999523		<10	<1	0.36	20	0.10	1130	5	0.01	1	550	166	0.06	4	5	13
J999524		<10	<1	0.33	30	0.04	545	5	0.01	<1	500	835	0.06	35	5	16
J999525		<10	<1	0.18	20	0.47	637	2	0.04	1	600	123	0.02	<2	6	20
J999526		<10	<1	0.18	20	0.38	787	2	0.03	<1	570	67	0.02	<2	6	19
J999527		<10	<1	0.21	20	0.19	713	3	0.02	<1	620	92	0.01	<2	7	14
J999528		<10	<1	0.24	20	0.24	1240	4	0.02	1	710	389	0.02	10	7	18
J999529		<10	<1	0.22	20	0.21	807	4	0.01	1	700	275	<0.01	4	7	21
J999530		<10	<1	0.25	20	0.17	754	12	0.02	<1	610	245	0.03	15	6	14
J999531		<10	<1	0.28	20	0.04	686	7	0.01	<1	540	232	0.04	16	6	19
J999532		<10	<1	0.27	30	0.02	249	1	0.01	<1	380	1190	0.07	14	3	19
J999533		10	<1	0.18	20	0.51	1675	2	0.03	2	610	250	0.03	5	6	41
J999534		10	<1	0.15	10	0.71	744	1	0.01	1	630	231	0.03	4	6	17
J999535																
J999536																
J999537		<10	1	0.33	30	0.04	2960	5	0.02	1	490	368	0.06	15	4	22
J999538		<10	<1	0.30	20	0.03	1820	2	0.01	1	540	345	0.01	10	5	15
J999539		<10	<1	0.34	20	0.03	176	5	0.01	<1	210	1200	0.30	22	2	13
J999540		<10	<1	0.39	10	0.03	181	8	0.01	<1	240	>10000	0.72	57	2	19
J999541		<10	<1	0.23	20	0.04	1265	4	0.03	1	450	190	0.06	8	7	36
J999542		<10	<1	0.28	20	0.04	1125	5	0.01	1	520	468	0.01	4	5	25
J999543		<10	1	0.24	20	0.03	311	15	0.01	<1	330	5910	0.26	44	4	15
J999544		<10	<1	0.21	10	0.04	848	23	0.02	2	680	178	0.04	11	4	51
J999545		<10	<1	0.20	20	0.04	436	2	0.01	2	810	64	<0.01	2	4	29
J999546		<10	<1	0.23	10	0.04	448	2	0.01	<1	740	83	0.01	<2	4	35
J999547		<10	<1	0.23	10	0.04	808	2	0.03	6	610	146	0.06	<2	4	50
J999548		<10	<1	0.27	20	0.03	918	3	0.02	<1	590	505	0.15	3	6	24
J999549		<10	<1	0.56	20	0.05	406	3	0.02	<1	420	790	0.74	3	4	37
J999550		<10	<1	0.23	20	0.07	747	2	0.01	<1	610	53	0.02	3	7	14
J999551		<10	<1	0.33	30	0.04	1045	2	0.03	<1	590	1600	0.19	9	4	22
J999552		<10	<1	0.29	30	0.04	677	1	0.03	<1	600	47	0.09	2	5	30
J999553		<10	<1	0.31	50	0.04	834	2	0.03	<1	640	53	0.08	3	5	24
J999554		<10	<1	0.29	30	0.04	1185	7	0.02	<1	490	2620	0.14	20	3	15
J999555		<10	<1	0.28	20	0.04	855	10	0.02	<1	450	1990	0.10	29	3	22
J999556		<10	<1	0.23	20	0.05	1365	2	0.02	<1	550	291	0.08	6	7	19
J999535/J999536composite		<10	<1	0.30	20	0.03	178	2	0.02	<1	360	854	0.21	10	2	38

Comments: ***Corrected Copy for PO no. from Batch 45 & 46 to Batch 46***

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

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

Finalized Date: 9- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10103515

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
J999521		<20	<0.01	<10	<10	29	<10	790	
J999522		<20	0.01	<10	<10	36	<10	609	
J999523		<20	<0.01	<10	<10	18	<10	916	
J999524		<20	<0.01	<10	<10	13	<10	1130	
J999525		<20	0.01	<10	<10	39	<10	473	
J999526		<20	<0.01	<10	<10	36	<10	584	
J999527		<20	<0.01	<10	<10	35	<10	847	
J999528		<20	<0.01	<10	<10	34	<10	1075	
J999529		<20	<0.01	<10	<10	35	<10	920	
J999530		<20	<0.01	<10	<10	23	<10	833	
J999531		<20	<0.01	<10	<10	14	<10	1130	
J999532		<20	<0.01	<10	<10	4	<10	865	
J999533		20	<0.01	<10	<10	34	<10	1500	
J999534		<20	<0.01	<10	<10	33	<10	1585	
J999535									
J999536									
J999537		<20	<0.01	<10	<10	8	<10	1925	
J999538		<20	<0.01	<10	<10	14	<10	1330	
J999539		<20	<0.01	<10	<10	4	<10	937	
J999540		<20	<0.01	<10	<10	6	<10	724	1.240
J999541		<20	<0.01	<10	<10	24	<10	1025	
J999542		<20	<0.01	<10	<10	14	<10	1130	
J999543		<20	<0.01	<10	10	12	<10	1630	
J999544		<20	<0.01	<10	<10	23	<10	789	
J999545		<20	<0.01	<10	<10	20	<10	578	
J999546		<20	<0.01	<10	<10	17	<10	717	
J999547		<20	<0.01	<10	<10	23	<10	771	
J999548		<20	<0.01	<10	10	22	<10	1350	
J999549		<20	<0.01	<10	10	10	<10	895	
J999550		<20	<0.01	<10	<10	28	<10	1065	
J999551		<20	<0.01	<10	<10	10	<10	1495	
J999552		<20	<0.01	<10	<10	9	<10	1100	
J999553		20	<0.01	<10	<10	9	<10	1350	
J999554		<20	<0.01	<10	10	5	<10	1725	
J999555		<20	<0.01	<10	<10	11	<10	1800	
J999556		<20	<0.01	<10	<10	25	<10	1580	
J999535/J999536composite		<20	<0.01	<10	<10	6	<10	586	

Comments: ***Corrected Copy for PO no. from Batch 45 & 46 to Batch 46***

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

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

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE WH10104150

Project: Klaza

P.O. No.: Batch 45

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: Klaza

Finalized Date: 6-AUG-2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10104150

Sample Description	Method	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558412		3.42	0.027	1.2	1.08	26	<10	380	0.7	<2	0.29	1.9	9	5	17	3.04
G0558413		7.73	0.032	0.9	0.86	47	<10	330	0.7	<2	0.22	2.2	11	5	17	2.86
G0558414		6.28	0.044	0.8	0.81	30	<10	910	0.6	<2	0.19	2.0	16	4	31	3.24
G0558415		5.78	0.034	0.7	0.92	52	<10	380	0.5	<2	0.19	1.2	13	5	37	3.10
G0558416		6.29	0.059	1.8	0.56	52	<10	380	<0.5	<2	0.09	1.6	14	6	18	3.86
G0558417		6.54	0.023	0.9	0.73	31	<10	660	0.6	<2	0.17	2.2	9	4	56	2.99
G0558418		5.48	0.103	1.1	0.58	53	<10	390	0.5	<2	0.12	4.2	17	4	28	4.14
G0558419		5.59	0.086	1.3	0.79	73	<10	500	0.5	2	0.18	3.8	20	8	35	3.71
G0558420		6.21	0.054	0.9	0.80	68	<10	420	0.6	<2	0.18	4.4	35	7	44	4.50
G0558421		4.77	0.048	0.8	1.16	77	<10	300	0.6	<2	0.24	3.0	13	17	67	4.82
G0558422		5.12	0.077	0.3	1.67	31	<10	980	<0.5	<2	0.48	1.5	7	23	15	3.12
G0558423		5.77	0.028	0.5	1.65	64	<10	900	0.6	<2	0.29	1.9	8	20	19	3.49
G0558424		4.89	0.022	0.4	0.99	57	<10	730	0.5	<2	0.21	1.6	5	5	15	3.18
G0558425		5.70	0.027	0.8	0.69	130	<10	1630	0.5	<2	0.17	3.6	8	5	26	3.99
G0558426		5.24	0.075	2.1	1.26	300	<10	940	0.7	<2	0.30	4.3	10	15	39	4.67
J999500		5.79	0.048	0.8	0.76	65	<10	1150	0.5	<2	0.19	3.3	15	7	25	2.82
J999501		5.47	0.047	1.0	1.02	106	<10	610	0.6	<2	0.26	4.4	11	8	45	3.54
J999502		5.92	0.102	1.3	1.05	94	<10	530	0.6	2	0.16	4.8	8	5	61	4.50
J999503		6.48	0.023	0.6	0.62	31	<10	1230	<0.5	<2	0.16	4.0	13	5	18	2.85
J999504		4.76	0.050	1.0	0.75	81	<10	600	0.7	<2	0.22	6.3	10	5	30	3.30
J999505		4.58	0.024	0.8	1.21	57	<10	470	0.8	<2	0.33	6.4	7	6	28	3.35
J999506		4.32	0.061	1.0	1.32	70	<10	370	0.7	<2	0.32	7.5	10	8	40	3.78
J999507		4.47	0.021	0.5	2.05	46	<10	720	0.5	<2	0.83	5.4	8	10	24	4.09
J999508		5.70	0.090	2.0	1.74	179	<10	520	1.1	<2	0.43	13.3	10	8	51	5.68
J999509		4.01	0.041	1.3	2.32	110	<10	440	0.5	<2	0.77	4.1	10	12	34	4.76
J999510		4.87	0.091	1.8	1.41	145	<10	320	0.7	2	0.32	5.8	10	8	32	4.18
J999511		4.50	0.062	1.3	1.10	108	<10	440	0.6	2	0.28	8.3	11	6	34	4.13
J999512		3.60	0.076	1.5	1.06	243	<10	640	0.6	<2	0.26	6.3	10	11	47	3.91
J999513		3.33	0.039	1.1	1.15	218	<10	410	0.7	<2	0.24	5.8	7	6	42	3.07
J999514		3.41	0.054	1.5	0.94	416	<10	1020	0.6	<2	0.22	7.4	10	6	50	3.09
J999515		2.79	0.522	14.6	0.66	3580	<10	870	0.8	4	0.23	38.5	11	4	116	4.40
J999516		2.51	0.041	1.3	0.96	99	<10	1150	0.6	<2	0.22	7.7	12	5	38	3.32
J999517		2.31	1.235	3.6	0.51	190	<10	370	<0.5	<2	0.09	5.5	1	2	24	2.05
J999518		2.99	0.047	1.5	0.68	136	<10	2190	0.8	<2	0.21	11.1	10	3	52	2.94
J999519		2.65	0.108	5.8	0.75	268	<10	1240	0.7	<2	0.16	6.7	3	3	136	2.80
J999520		2.63	0.029	1.9	0.91	190	<10	1150	1.1	<2	0.38	8.4	9	7	92	3.31

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

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10104150

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558412		<10	1	0.21	20	0.23	1240	1	0.04	4	610	107	0.01	<2	6	19
G0558413		<10	1	0.24	30	0.15	1415	2	0.03	4	560	93	0.01	<2	5	13
G0558414		<10	1	0.27	20	0.09	976	2	0.07	4	560	112	0.05	<2	5	51
G0558415		<10	<1	0.21	20	0.18	566	3	0.05	3	570	77	0.08	3	4	31
G0558416		<10	<1	0.33	10	0.04	829	7	0.03	5	540	154	0.06	<2	2	9
G0558417		<10	<1	0.30	20	0.04	954	7	0.04	4	570	52	0.02	8	3	13
G0558418		<10	<1	0.31	20	0.04	1660	15	0.03	5	560	165	0.03	<2	4	13
G0558419		<10	<1	0.28	20	0.11	1125	5	0.05	5	560	155	0.03	3	4	18
G0558420		<10	1	0.30	20	0.08	953	5	0.05	5	620	119	0.02	2	5	11
G0558421		<10	1	0.22	20	0.43	453	4	0.05	8	730	111	0.04	3	5	15
G0558422		10	<1	0.14	10	1.01	544	1	0.14	9	780	46	0.17	<2	5	42
G0558423		10	1	0.19	10	0.81	499	1	0.10	6	730	77	0.05	<2	5	33
G0558424		<10	<1	0.19	20	0.35	349	2	0.08	2	560	53	0.04	<2	4	30
G0558425		<10	<1	0.29	30	0.07	688	3	0.12	4	640	79	0.05	<2	4	47
G0558426		<10	1	0.37	30	0.33	1285	3	0.09	5	780	185	0.04	7	8	35
J999500		<10	<1	0.25	20	0.09	900	5	0.09	3	570	121	0.04	4	4	31
J999501		<10	<1	0.26	20	0.20	700	4	0.07	4	660	171	0.02	4	5	29
J999502		<10	<1	0.36	20	0.21	571	6	0.06	3	580	89	0.05	3	5	28
J999503		<10	1	0.24	30	0.04	873	2	0.09	3	530	52	0.03	2	4	28
J999504		<10	<1	0.25	40	0.06	1020	4	0.06	3	640	94	0.01	<2	6	19
J999505		<10	<1	0.20	20	0.12	880	3	0.06	4	700	109	<0.01	2	8	28
J999506		10	1	0.16	20	0.38	1305	5	0.04	4	720	75	<0.01	3	11	20
J999507		10	1	0.16	20	0.81	1270	2	0.22	5	860	71	0.09	<2	8	95
J999508		10	<1	0.28	30	0.31	2550	5	0.07	4	890	282	<0.01	6	13	35
J999509		10	<1	0.15	20	0.95	1100	3	0.16	4	930	111	0.04	3	10	82
J999510		<10	1	0.23	30	0.36	715	4	0.06	4	770	176	0.01	4	8	21
J999511		<10	<1	0.23	30	0.25	1405	3	0.06	4	850	113	0.03	3	8	19
J999512		<10	<1	0.24	30	0.28	843	4	0.07	4	680	211	0.02	3	7	26
J999513		<10	1	0.20	20	0.21	658	6	0.06	3	590	101	<0.01	2	7	18
J999514		<10	<1	0.23	20	0.23	983	1	0.10	3	620	197	0.03	<2	6	28
J999515		<10	1	0.26	30	0.04	2770	3	0.06	3	530	1900	0.01	20	6	18
J999516		<10	1	0.28	20	0.16	1380	2	0.10	2	590	223	0.02	5	7	23
J999517		<10	<1	0.29	20	0.03	216	2	0.03	<1	330	851	0.08	4	3	20
J999518		<10	<1	0.32	30	0.04	2480	4	0.13	3	550	83	0.04	5	7	32
J999519		<10	<1	0.34	30	0.04	509	2	0.08	1	380	207	0.11	8	5	30
J999520		<10	<1	0.24	20	0.06	1230	3	0.07	6	1080	158	0.04	2	5	51

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

Finalized Date: 6-AUG-2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10104150

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
G0558412		<20	0.01	<10	<10	33	<10	205
G0558413		<20	<0.01	<10	<10	25	<10	179
G0558414		<20	<0.01	<10	<10	16	<10	198
G0558415		<20	<0.01	<10	<10	22	<10	185
G0558416		<20	<0.01	<10	<10	12	<10	262
G0558417		<20	<0.01	<10	<10	12	<10	153
G0558418		<20	<0.01	<10	<10	15	<10	342
G0558419		<20	0.01	<10	<10	22	<10	287
G0558420		<20	0.01	<10	<10	24	<10	362
G0558421		<20	0.01	<10	<10	38	<10	319
G0558422		<20	0.11	<10	<10	64	<10	151
G0558423		<20	0.01	<10	<10	44	<10	229
G0558424		<20	<0.01	<10	<10	26	<10	221
G0558425		<20	<0.01	<10	<10	18	<10	263
G0558426		<20	0.02	<10	<10	52	<10	387
J999500		<20	0.01	<10	<10	21	<10	196
J999501		<20	0.02	<10	<10	33	<10	303
J999502		<20	0.01	<10	<10	31	<10	253
J999503		<20	<0.01	<10	<10	16	<10	271
J999504		<20	<0.01	<10	<10	23	<10	490
J999505		<20	<0.01	<10	<10	51	<10	503
J999506		<20	<0.01	<10	<10	57	<10	591
J999507		<20	0.07	<10	<10	87	<10	419
J999508		<20	0.01	<10	<10	77	<10	1295
J999509		<20	0.07	<10	<10	104	<10	589
J999510		<20	0.01	<10	<10	51	<10	639
J999511		<20	<0.01	<10	<10	44	<10	762
J999512		<20	0.01	<10	<10	39	<10	651
J999513		<20	<0.01	<10	<10	36	<10	619
J999514		<20	<0.01	<10	<10	36	<10	611
J999515		<20	<0.01	<10	<10	18	<10	1305
J999516		<20	<0.01	<10	<10	32	<10	766
J999517		<20	<0.01	<10	<10	8	<10	430
J999518		<20	<0.01	<10	<10	18	<10	1065
J999519		<20	<0.01	<10	<10	16	<10	784
J999520		<20	<0.01	<10	<10	34	<10	1290

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10107451

Project: KLAZA

P.O. No.: BATCH 50

This report is for 17 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10107451

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J998836		4.64	0.203	0.7	0.91	70	<10	260	<0.5	3	0.07	<0.5	4	3	103	4.90
J998837		5.38	0.291	1.7	0.89	76	<10	210	<0.5	13	0.09	<0.5	3	2	162	3.38
J998838		3.46	0.376	5.0	1.05	254	<10	190	<0.5	53	0.12	0.5	2	2	140	5.54
J998839		2.36	0.143	1.2	0.31	36	<10	180	<0.5	6	0.03	<0.5	3	5	20	1.92
J998840		3.82	0.061	1.2	0.76	86	<10	150	<0.5	5	0.11	<0.5	2	3	34	5.13
J998841		3.16	0.156	1.8	0.53	60	<10	330	<0.5	7	0.06	<0.5	3	2	35	3.40
J998842		4.28	0.525	2.3	0.95	128	<10	180	<0.5	11	0.12	<0.5	3	3	100	5.68
J998843		5.78	0.345	2.5	0.74	121	<10	180	<0.5	12	0.11	<0.5	3	8	100	6.14
J998844		3.46	0.280	2.3	0.54	138	<10	300	<0.5	12	0.08	<0.5	2	5	57	4.39
J998845		4.18	0.373	2.6	0.89	128	<10	410	<0.5	13	0.09	0.5	3	11	133	4.92
J998846		5.08	0.270	2.5	0.82	93	<10	530	<0.5	19	0.09	<0.5	4	5	106	3.79
J998847		6.28	2.44	5.8	0.73	69	<10	360	<0.5	88	0.06	<0.5	3	3	109	4.27
J998848		4.08	0.510	3.8	0.70	82	<10	1050	<0.5	55	0.04	<0.5	7	3	174	3.84
J998849		5.12	0.221	6.0	0.69	85	<10	820	<0.5	33	0.04	<0.5	8	3	216	3.97
J998850		3.46	0.376	4.7	0.79	382	<10	220	<0.5	46	0.09	0.6	3	3	169	5.57
J998851		4.68	0.618	8.5	0.57	221	<10	210	<0.5	102	0.07	<0.5	2	2	66	4.57
J998852		2.72	0.669	10.3	0.59	376	<10	160	<0.5	78	0.06	<0.5	1	3	44	5.32

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 12- AUG- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10107451

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J998836		<10	<1	0.69	20	0.06	137	2	0.08	3	580	64	1.09	2	3	31
J998837		<10	<1	0.53	30	0.09	92	1	0.02	<1	530	60	0.57	2	3	28
J998838		10	<1	0.94	20	0.07	58	1	0.02	1	690	122	1.36	6	3	34
J998839		<10	1	0.34	10	0.02	65	4	<0.01	1	150	43	0.42	4	1	14
J998840		<10	<1	1.02	20	0.05	62	1	<0.01	<1	550	71	1.53	<2	2	31
J998841		<10	<1	0.63	20	0.04	111	2	<0.01	1	380	84	0.79	5	1	33
J998842		10	1	1.00	20	0.06	84	2	<0.01	<1	800	86	1.43	11	3	45
J998843		<10	<1	0.96	10	0.06	114	2	<0.01	1	710	168	1.45	12	3	38
J998844		<10	<1	0.64	20	0.05	70	5	<0.01	1	510	118	0.90	23	2	43
J998845		<10	<1	0.56	20	0.21	139	3	0.02	2	800	102	0.68	14	3	59
J998846		<10	<1	0.54	20	0.10	163	5	0.01	1	570	101	0.56	11	3	39
J998847		<10	<1	0.71	20	0.04	81	2	<0.01	<1	400	66	0.89	4	2	35
J998848		<10	<1	0.45	20	0.04	120	2	0.01	1	560	47	0.31	3	2	58
J998849		<10	1	0.42	20	0.04	159	1	<0.01	1	680	81	0.34	8	3	66
J998850		<10	<1	0.91	30	0.04	112	1	<0.01	1	1270	195	1.24	9	3	155
J998851		<10	<1	0.84	20	0.05	81	1	<0.01	<1	530	134	1.15	9	1	119
J998852		10	<1	0.97	20	0.04	59	3	<0.01	<1	770	406	1.40	26	2	291

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Finalized Date: 12- AUG- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10107451

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
J998836		<20	<0.01	<10	<10	12	<10	121
J998837		<20	<0.01	<10	<10	12	<10	62
J998838		20	<0.01	<10	<10	12	<10	65
J998839		<20	<0.01	<10	<10	4	<10	16
J998840		20	<0.01	<10	<10	12	<10	50
J998841		<20	<0.01	<10	<10	7	<10	63
J998842		20	<0.01	<10	<10	13	<10	145
J998843		<20	<0.01	<10	<10	19	<10	266
J998844		<20	<0.01	<10	<10	14	<10	88
J998845		<20	<0.01	<10	<10	24	<10	128
J998846		<20	<0.01	<10	<10	17	<10	105
J998847		<20	<0.01	<10	<10	11	<10	66
J998848		<20	<0.01	<10	<10	13	<10	87
J998849		<20	<0.01	<10	<10	14	<10	125
J998850		30	<0.01	<10	<10	12	<10	109
J998851		20	<0.01	<10	<10	10	<10	54
J998852		20	<0.01	<10	<10	11	<10	47

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Finalized Date: 10- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10107452

Project: KLAZA

P.O. No.: BATCH 49

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KLAZA

CERTIFICATE OF ANALYSIS WH10107452

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J998800		2.74	0.067	0.4	0.74	80	<10	320	<0.5	<2	0.11	<0.5	5	2	28	2.34
J998801		3.20	0.034	0.4	1.01	32	<10	1260	<0.5	2	0.10	<0.5	8	4	35	3.73
J998802		7.30	0.101	0.3	1.04	11	<10	910	<0.5	2	0.17	<0.5	4	5	33	2.28
J998803		4.84	0.082	<0.2	0.66	25	<10	610	<0.5	2	0.10	<0.5	5	2	39	2.63
J998804		4.64	0.039	0.4	1.16	13	<10	1420	<0.5	<2	0.16	<0.5	3	5	23	2.40
J998805		4.66	0.031	0.5	0.83	18	<10	180	<0.5	2	0.11	<0.5	4	3	30	2.25
J998806		5.66	0.045	0.4	0.85	23	<10	440	<0.5	<2	0.09	<0.5	4	3	38	2.49
J998807		7.98	0.105	0.2	1.02	34	<10	940	<0.5	3	0.16	<0.5	7	4	57	4.12
J998808		6.44	0.055	0.7	1.22	17	<10	1100	<0.5	2	0.19	<0.5	5	6	61	3.59
J998809		2.94	0.091	0.6	0.99	36	<10	750	<0.5	4	0.13	0.7	5	5	60	3.57
J998810		2.08	0.088	0.8	1.13	32	<10	260	<0.5	3	0.16	<0.5	5	12	97	2.60
J998811		3.42	0.046	2.5	0.56	81	<10	260	<0.5	35	0.09	<0.5	4	3	55	2.70
J998812		3.40	0.101	1.9	0.60	67	<10	280	<0.5	8	0.09	<0.5	3	2	57	4.01
J998813		3.04	0.051	0.5	0.57	33	<10	370	<0.5	2	0.09	<0.5	4	2	37	3.06
J998814		4.06	0.098	0.4	0.84	32	<10	980	<0.5	<2	0.15	0.9	6	4	35	2.61
J998815		5.94	0.020	0.2	1.32	11	<10	1070	<0.5	<2	0.25	0.7	6	6	24	2.98
J998816		6.98	0.038	0.3	1.04	11	<10	1030	<0.5	<2	0.15	0.6	5	5	44	2.84
J998817		2.38	0.097	0.6	0.86	54	<10	780	<0.5	3	0.08	<0.5	4	3	74	3.67
J998818		3.22	0.167	3.2	0.93	109	<10	290	<0.5	9	0.06	<0.5	3	3	92	4.37
J998819		1.62	0.172	28.0	0.72	384	<10	120	<0.5	48	0.05	<0.5	1	2	35	5.81
J998820		1.36	1.055	37.6	0.49	196	<10	210	<0.5	154	0.02	<0.5	<1	2	14	3.20
J998821		1.90	1.335	7.1	0.63	322	<10	190	<0.5	26	0.04	<0.5	<1	2	34	5.24
J998822		2.98	0.543	2.9	0.81	228	<10	540	<0.5	6	0.02	<0.5	4	2	86	3.29
J998823		3.64	0.234	3.8	0.76	212	<10	330	<0.5	12	0.04	<0.5	3	2	126	4.30
J998824		3.44	0.065	1.4	0.79	37	<10	290	<0.5	3	0.07	<0.5	3	3	185	4.72
J998825		3.58	0.068	1.0	0.74	37	<10	210	<0.5	3	0.05	<0.5	2	2	109	4.21
J998826		4.32	0.111	1.1	0.71	53	<10	350	<0.5	3	0.07	<0.5	5	15	55	4.55
J998827		6.62	0.400	0.9	0.54	64	<10	310	<0.5	3	0.05	<0.5	1	3	27	4.20
J998828		5.34	0.106	0.5	0.79	38	<10	370	<0.5	2	0.10	<0.5	2	3	53	4.29
J998829		7.42	0.063	0.4	0.73	15	<10	630	<0.5	2	0.08	<0.5	2	3	55	3.61
J998830		3.84	0.124	0.6	0.90	33	<10	540	<0.5	2	0.11	<0.5	2	4	70	3.79
J998831		6.50	0.110	1.0	0.95	71	<10	400	<0.5	2	0.14	<0.5	2	3	86	4.40
J998832		4.14	0.133	1.0	1.03	72	<10	370	<0.5	4	0.13	<0.5	1	3	66	4.31
J998833		4.14	0.087	1.8	0.72	90	<10	150	<0.5	6	0.13	<0.5	<1	2	22	5.33
J998834		3.94	0.188	3.2	0.48	41	<10	150	<0.5	6	0.02	<0.5	<1	2	7	1.52
J998835		2.28	0.071	1.3	0.74	128	<10	130	<0.5	4	0.08	<0.5	<1	2	26	5.65

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10107452

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J998800		<10	1	0.39	30	0.05	115	1	<0.01	2	380	50	0.14	4	2	18
J998801		<10	<1	0.31	20	0.33	148	5	0.02	1	480	36	0.18	<2	2	42
J998802		<10	<1	0.26	20	0.54	139	1	0.04	1	460	12	0.11	<2	3	40
J998803		<10	<1	0.33	30	0.06	75	9	<0.01	1	460	22	0.07	2	2	23
J998804		<10	<1	0.27	20	0.55	135	4	0.05	<1	570	15	0.10	<2	3	51
J998805		<10	<1	0.30	30	0.22	81	30	0.02	2	440	37	0.11	2	2	36
J998806		<10	<1	0.31	20	0.20	82	16	0.03	<1	410	34	0.11	<2	2	29
J998807		<10	1	0.29	20	0.36	135	23	0.02	1	640	42	0.18	<2	3	47
J998808		10	<1	0.28	20	0.59	190	5	0.02	1	710	30	0.14	<2	4	56
J998809		<10	<1	0.29	20	0.38	180	10	0.02	<1	670	48	0.12	2	3	43
J998810		<10	1	0.36	30	0.23	96	6	0.01	4	580	35	0.21	<2	5	75
J998811		<10	<1	0.41	30	0.04	81	5	<0.01	1	370	123	0.31	10	2	50
J998812		<10	<1	0.55	30	0.04	60	6	0.03	1	360	106	0.75	10	1	45
J998813		<10	<1	0.48	30	0.04	70	3	<0.01	1	300	44	0.48	5	1	17
J998814		<10	<1	0.31	20	0.21	238	2	0.02	2	540	17	0.07	3	3	34
J998815		10	<1	0.25	20	0.64	289	2	0.04	2	560	13	0.05	2	4	53
J998816		<10	<1	0.31	20	0.38	251	3	0.02	1	530	25	0.05	3	3	31
J998817		<10	<1	0.34	20	0.19	132	1	<0.01	1	520	34	0.26	2	3	25
J998818		<10	<1	0.56	20	0.08	111	2	0.04	2	560	105	0.63	5	3	32
J998819		<10	<1	1.13	20	0.04	56	1	0.03	<1	490	1020	1.75	21	1	40
J998820		<10	<1	0.82	20	0.02	34	1	0.02	<1	160	455	1.02	45	1	17
J998821		<10	<1	1.10	20	0.03	53	2	0.02	<1	310	393	1.63	21	1	48
J998822		<10	<1	0.47	20	0.03	210	2	0.03	<1	590	87	0.44	21	2	26
J998823		<10	<1	0.55	20	0.06	137	3	0.02	<1	610	140	0.70	31	3	45
J998824		<10	<1	0.42	20	0.14	127	2	0.10	<1	550	78	0.58	5	3	34
J998825		<10	<1	0.42	20	0.05	59	1	0.08	<1	440	41	0.57	5	2	24
J998826		<10	<1	0.49	20	0.06	93	1	0.08	3	550	51	0.65	4	2	50
J998827		<10	<1	0.51	30	0.04	50	2	0.13	<1	480	39	0.88	3	1	56
J998828		<10	<1	0.53	30	0.09	65	1	0.07	<1	540	26	0.64	2	2	45
J998829		<10	<1	0.36	20	0.12	81	1	0.06	<1	500	20	0.33	<2	2	36
J998830		<10	<1	0.44	30	0.20	120	1	0.06	<1	490	40	0.45	3	3	41
J998831		<10	<1	0.46	30	0.16	141	1	0.07	<1	560	54	0.62	5	3	42
J998832		<10	<1	0.55	40	0.09	74	1	0.08	<1	520	51	0.69	4	3	58
J998833		<10	<1	1.04	30	0.05	69	1	0.03	<1	280	133	1.65	5	2	33
J998834		<10	1	0.52	20	0.03	42	<1	0.01	<1	120	252	0.46	4	1	14
J998835		<10	<1	1.16	20	0.05	68	1	0.03	<1	390	102	1.78	3	2	37

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- AUG- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10107452

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
J998800		<20	<0.01	<10	<10	11	<10	107
J998801		<20	<0.01	<10	<10	22	<10	163
J998802		<20	<0.01	<10	<10	30	<10	54
J998803		<20	<0.01	<10	<10	8	<10	119
J998804		<20	<0.01	<10	<10	30	<10	65
J998805		<20	<0.01	<10	<10	17	<10	76
J998806		<20	<0.01	<10	<10	14	<10	71
J998807		<20	<0.01	<10	<10	23	<10	94
J998808		<20	<0.01	<10	<10	28	<10	67
J998809		<20	<0.01	<10	<10	21	<10	106
J998810		20	<0.01	<10	<10	19	<10	96
J998811		20	<0.01	<10	<10	9	<10	107
J998812		20	<0.01	<10	<10	8	<10	82
J998813		<20	<0.01	<10	<10	7	<10	96
J998814		<20	<0.01	<10	<10	21	<10	110
J998815		20	0.01	<10	<10	39	<10	120
J998816		<20	<0.01	<10	<10	28	<10	112
J998817		<20	<0.01	<10	<10	20	<10	241
J998818		20	<0.01	<10	<10	14	<10	218
J998819		<20	<0.01	<10	<10	9	<10	74
J998820		<20	<0.01	<10	<10	5	<10	14
J998821		<20	<0.01	<10	<10	10	<10	48
J998822		<20	<0.01	<10	<10	15	<10	236
J998823		20	<0.01	<10	<10	18	<10	236
J998824		20	<0.01	<10	<10	22	<10	261
J998825		<20	<0.01	<10	<10	13	<10	175
J998826		<20	<0.01	<10	<10	16	<10	123
J998827		<20	<0.01	<10	<10	8	<10	45
J998828		<20	<0.01	<10	<10	11	<10	46
J998829		<20	<0.01	<10	<10	15	<10	59
J998830		<20	<0.01	<10	<10	17	<10	71
J998831		<20	<0.01	<10	<10	17	<10	101
J998832		<20	<0.01	<10	<10	13	<10	111
J998833		<20	<0.01	<10	<10	9	<10	50
J998834		<20	<0.01	<10	<10	5	<10	8
J998835		<20	<0.01	<10	<10	9	<10	33

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10107453

Project: Klaza

P.O. No.:

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

CERTIFICATE OF ANALYSIS WH10107453

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J999557		5.88	0.034	1.2	0.71	298	<10	710	0.6	<2	0.25	13.2	11	3	41	3.10
J999558		4.57	0.021	1.0	0.52	430	<10	820	0.7	<2	0.20	11.7	22	3	124	3.20
J999559		3.21	2.33	33.0	0.37	1360	<10	320	<0.5	11	0.17	4.6	4	<1	85	5.42
J999560		2.37	0.027	3.6	0.81	158	<10	170	1.0	<2	0.18	4.9	13	3	208	4.36
J999561		5.55	0.011	0.5	1.13	30	<10	450	0.7	<2	0.35	3.5	13	5	73	2.70
J999562		5.85	0.010	0.3	1.22	24	<10	620	0.6	<2	0.37	2.3	8	6	13	2.54
J999563		8.64	0.042	0.9	1.03	20	<10	290	0.6	<2	0.34	3.0	7	5	10	2.57
J999564		5.05	0.007	0.4	1.16	15	<10	340	<0.5	<2	0.40	2.3	8	6	10	2.57
J999565		5.17	0.007	0.3	0.86	19	<10	380	<0.5	<2	0.64	3.6	8	5	4	2.02
J999566		1.86	0.020	0.6	0.48	54	<10	380	0.5	<2	0.23	6.1	12	3	13	2.28
J999567		4.69	0.012	0.2	1.11	19	<10	300	<0.5	<2	0.49	2.3	6	7	8	2.59
J999568		2.98	0.059	0.6	0.71	44	<10	510	0.6	<2	0.29	5.5	7	5	13	2.80
J999569		6.72	0.008	0.2	1.01	9	<10	260	<0.5	<2	0.54	2.3	5	7	5	2.48
J999570		3.80	0.010	0.7	0.62	28	<10	1120	0.7	<2	1.18	8.5	2	3	3	2.32
J999571		3.62	0.030	0.9	0.50	95	<10	1440	0.6	<2	1.22	9.9	3	3	9	2.33
J999572		3.57	0.017	0.4	0.80	22	<10	430	0.7	<2	0.54	8.1	4	3	5	2.38
J999573		3.13	0.019	0.9	1.06	26	<10	480	0.6	<2	0.44	7.0	6	7	20	2.97
J999574		2.82	0.020	0.6	1.09	14	<10	540	0.5	<2	0.47	6.4	5	7	8	2.89
J999575		2.38	0.076	2.0	0.52	95	<10	980	0.8	<2	0.31	15.7	7	3	26	3.46
J999576		3.90	0.012	0.5	1.12	14	<10	740	<0.5	<2	0.54	5.9	6	8	9	2.95
J999577		2.15	0.501	13.8	0.50	187	<10	640	0.7	<2	0.29	22.0	6	3	58	4.73
J999578		3.67	0.015	0.5	1.04	14	<10	980	<0.5	2	0.89	6.2	11	8	8	2.97
J999579		2.80	0.024	0.7	0.94	26	<10	680	0.5	3	0.43	10.0	10	6	9	2.94
J999580		5.01	0.132	2.9	0.42	146	<10	880	0.8	<2	0.21	20.5	11	18	46	4.22
J999581		1.66	0.020	0.6	0.80	14	<10	280	0.5	<2	0.66	7.6	12	6	5	2.70
J999582		1.26	0.054	3.1	0.33	79	<10	370	<0.5	3	0.11	6.1	3	2	12	4.25
J999583		1.64	0.035	2.7	0.26	33	<10	880	<0.5	2	0.04	2.0	1	2	6	1.17
J999584		1.72	0.019	0.8	0.36	44	<10	150	<0.5	2	0.17	7.7	14	1	8	5.05
J999585		3.94	0.035	0.9	0.55	49	<10	310	0.7	<2	2.00	16.3	10	3	5	2.81
J999586		5.92	0.031	1.5	0.68	61	<10	630	0.7	3	0.88	22.7	14	3	26	3.16
J999587		2.74	0.045	0.5	0.79	36	<10	870	0.8	<2	0.61	18.2	7	5	25	2.88
J999588		2.20	0.101	1.6	0.47	163	<10	1060	1.1	2	0.43	48.4	8	2	44	3.77
J999589		1.89	0.016	0.5	0.69	193	<10	320	1.2	2	0.29	28.0	9	3	90	3.02
J999590		1.48	0.018	0.6	0.84	331	<10	570	1.7	<2	0.24	32.4	12	3	393	3.33
J999591		3.41	0.853	28.2	0.32	1080	<10	320	<0.5	2	0.14	13.5	<1	1	78	3.49
J999592		3.57	3.01	>100	0.31	2550	<10	80	<0.5	26	0.69	43.0	<1	<1	439	5.99

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CERTIFICATE OF ANALYSIS WH10107453

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J999557		<10	<1	0.17	30	0.14	683	3	<0.01	2	570	157	0.04	4	6	14
J999558		<10	<1	0.16	30	0.03	1500	3	<0.01	3	550	366	0.03	3	6	17
J999559		<10	1	0.36	10	0.03	225	10	0.01	<1	300	4690	0.62	123	2	30
J999560		<10	<1	0.24	30	0.17	573	3	<0.01	1	510	1240	0.08	6	7	20
J999561		<10	<1	0.17	30	0.30	959	1	0.02	3	620	136	0.01	<2	8	40
J999562		<10	<1	0.12	20	0.49	559	<1	0.02	2	590	44	0.02	<2	6	90
J999563		<10	<1	0.15	20	0.37	676	1	0.02	2	590	28	0.01	<2	7	23
J999564		<10	<1	0.14	10	0.56	583	1	0.03	1	570	16	0.02	2	5	37
J999565		<10	<1	0.13	20	0.43	619	1	0.03	2	580	35	0.14	<2	5	29
J999566		<10	<1	0.16	30	0.05	887	3	<0.01	2	630	49	0.04	<2	5	12
J999567		<10	1	0.15	20	0.54	611	1	0.05	3	590	38	0.01	<2	5	26
J999568		<10	<1	0.18	20	0.20	1135	2	<0.01	2	590	293	0.02	2	7	19
J999569		<10	<1	0.15	20	0.59	566	1	0.04	2	580	21	0.01	<2	5	24
J999570		<10	1	0.22	20	0.15	918	1	<0.01	1	560	23	0.11	2	5	29
J999571		<10	1	0.19	30	0.20	1235	<1	<0.01	1	570	256	0.09	2	5	39
J999572		<10	<1	0.20	30	0.19	840	1	<0.01	1	590	146	0.03	<2	6	22
J999573		10	1	0.22	20	0.40	864	1	0.04	10	640	305	0.04	<2	7	34
J999574		<10	<1	0.18	20	0.55	857	1	0.04	2	600	235	0.08	<2	5	28
J999575		<10	1	0.27	30	0.05	2160	2	0.01	2	590	651	0.16	<2	6	18
J999576		<10	<1	0.20	20	0.63	984	1	0.06	3	700	173	0.06	<2	7	34
J999577		<10	<1	0.26	20	0.05	2580	3	0.01	2	590	5050	0.29	9	5	18
J999578		<10	<1	0.19	20	0.59	1055	1	0.05	2	590	117	0.32	<2	6	57
J999579		<10	<1	0.26	20	0.42	1140	1	0.04	2	650	202	0.40	<2	6	38
J999580		<10	<1	0.23	20	0.03	1755	3	0.01	5	610	938	0.24	9	5	23
J999581		<10	1	0.18	20	0.35	746	1	0.03	1	600	29	0.37	<2	6	93
J999582		<10	<1	0.40	10	0.02	118	16	0.02	<1	230	371	0.59	<2	1	21
J999583		<10	<1	0.26	<10	0.01	58	7	0.01	<1	60	105	0.17	<2	1	15
J999584		<10	<1	0.35	10	0.03	205	4	0.01	<1	610	27	0.61	<2	2	35
J999585		<10	<1	0.27	20	0.18	1670	1	0.01	1	580	48	0.59	4	5	54
J999586		<10	<1	0.21	30	0.10	1320	2	0.01	1	600	69	0.21	<2	5	31
J999587		<10	1	0.21	20	0.22	1160	1	0.02	1	620	155	0.08	4	8	21
J999588		<10	1	0.26	20	0.05	5530	3	0.01	1	590	192	0.17	8	7	26
J999589		<10	1	0.23	30	0.09	1475	2	0.01	1	650	101	0.04	5	8	12
J999590		<10	1	0.22	20	0.04	2100	2	0.01	1	710	147	0.05	7	9	13
J999591		<10	1	0.47	20	0.02	111	5	0.01	<1	380	8570	0.73	34	2	32
J999592		<10	2	0.47	10	0.22	905	8	0.01	<1	390	>10000	1.33	210	2	61

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

Finalized Date: 17- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10107453

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
J999557		<20	<0.01	<10	<10	24	<10	1020		
J999558		<20	<0.01	<10	<10	20	<10	986		
J999559		<20	<0.01	<10	<10	5	<10	467		
J999560		<20	<0.01	<10	<10	23	<10	923		
J999561		<20	0.01	<10	<10	40	<10	348		
J999562		<20	0.01	<10	<10	44	<10	182		
J999563		<20	0.01	<10	<10	40	<10	254		
J999564		<20	0.05	<10	<10	48	<10	243		
J999565		<20	0.01	<10	<10	32	<10	201		
J999566		<20	<0.01	<10	<10	12	<10	456		
J999567		<20	0.05	<10	<10	46	<10	206		
J999568		<20	0.01	<10	<10	36	<10	523		
J999569		<20	0.04	<10	<10	45	<10	178		
J999570		<20	<0.01	<10	<10	22	<10	471		
J999571		<20	<0.01	<10	<10	18	<10	660		
J999572		<20	<0.01	<10	<10	24	<10	566		
J999573		<20	0.04	<10	<10	47	<10	652		
J999574		<20	0.08	<10	<10	51	<10	468		
J999575		<20	<0.01	<10	<10	20	<10	1280		
J999576		<20	0.05	<10	<10	56	<10	331		
J999577		<20	<0.01	<10	<10	15	<10	1590		
J999578		<20	0.05	<10	<10	48	<10	391		
J999579		<20	0.01	<10	<10	37	<10	739		
J999580		<20	<0.01	<10	<10	20	<10	1760		
J999581		<20	0.01	<10	<10	38	<10	503		
J999582		<20	<0.01	<10	<10	4	<10	512		
J999583		<20	<0.01	<10	<10	2	<10	195		
J999584		<20	<0.01	<10	<10	12	<10	797		
J999585		<20	<0.01	<10	<10	21	<10	733		
J999586		<20	<0.01	<10	<10	23	<10	1505		
J999587		<20	0.01	<10	<10	37	<10	1245		
J999588		<20	<0.01	<10	<10	17	<10	2530		
J999589		<20	<0.01	<10	<10	32	<10	2320		
J999590		20	<0.01	<10	20	31	<10	3280		
J999591		<20	<0.01	<10	<10	6	<10	940		
J999592		<20	<0.01	<10	<10	9	<10	2600	135	3.62

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North Vancouver BC V7H 0A7
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10107454

Project: Klaza

P.O. No.:

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- AUG- 2010
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Project: Klaza

CERTIFICATE OF ANALYSIS WH10107454

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J999593		2.02	0.059	3.4	0.62	72	<10	390	0.6	<2	0.28	21.1	8	4	37	2.70
J999594		0.74	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	18.4	<0.5	1	<1	1	0.36
J999595		3.60	0.007	0.8	1.01	9	<10	310	0.5	<2	0.77	7.6	6	6	14	2.99
J999596		2.99	0.012	0.8	0.82	21	<10	480	0.5	<2	0.89	8.4	7	6	15	3.07
J999597		0.12	3.12	>100	0.18	>10000	<10	10	<0.5	<2	0.43	332	2	7	1595	14.35
J999598		3.10	0.016	0.6	0.86	18	<10	360	0.5	2	0.54	8.3	7	7	18	2.96
J999599		4.30	0.133	1.8	0.72	33	<10	660	0.6	<2	0.82	10.9	6	5	25	3.11
J999600		5.10	0.006	0.5	0.68	18	<10	1240	0.7	<2	0.37	11.0	7	5	15	2.76
J999601		2.91	0.058	6.6	0.70	24	<10	1330	0.6	<2	0.28	34.0	8	5	57	3.03
J999602		2.80	0.100	4.7	0.55	45	<10	1350	0.8	<2	0.65	31.4	7	3	40	2.99
J999603		3.07	0.036	1.3	0.61	38	<10	1270	1.0	<2	0.98	21.7	7	3	17	3.32
J999604		4.45	0.011	1.1	1.00	15	<10	350	0.8	<2	0.55	14.9	7	5	11	3.23
J999605		3.43	0.014	0.4	1.05	23	<10	530	0.6	<2	1.43	9.4	7	6	13	2.65
J999606		4.53	0.010	1.2	1.25	15	<10	710	0.6	<2	0.59	8.2	7	6	20	3.11
J999607		4.69	0.011	0.7	1.05	24	<10	350	0.6	<2	0.63	10.0	8	5	18	2.87
J999608		1.75	0.036	1.0	0.96	62	<10	300	0.5	<2	0.44	9.8	6	6	29	2.76
J999609		2.93	0.014	3.9	1.10	42	<10	440	0.6	<2	0.40	11.0	8	5	42	3.05
J999610		3.27	0.012	0.9	0.60	393	<10	620	0.6	<2	0.53	32.5	8	4	318	2.78
J999611		1.60	0.329	52.4	0.50	1440	<10	170	0.6	24	0.42	54.8	3	2	1675	4.58
J999612		3.85	0.019	1.9	1.09	102	<10	480	0.9	<2	0.32	12.0	7	3	54	2.92
J999613		4.06	0.012	0.9	1.14	30	<10	240	0.7	<2	0.46	10.9	6	4	12	2.85
J999614		3.79	0.603	21.6	0.70	1090	<10	190	0.8	<2	0.29	27.8	8	3	52	3.53
J999615		2.52	0.031	1.2	0.66	380	<10	1110	0.9	<2	0.42	37.1	7	3	32	3.26
J999616		2.38	1.690	14.9	0.32	>10000	<10	700	<0.5	<2	0.14	72.9	<1	2	88	5.08
J999617		3.09	0.054	2.1	1.08	517	<10	440	1.2	<2	0.29	18.7	8	4	52	3.98
J999618		4.42	0.139	5.2	0.58	1810	<10	560	1.0	<2	0.16	44.9	4	1	87	5.78
J999619		2.47	0.867	7.7	0.34	3080	<10	270	<0.5	<2	0.12	9.6	<1	2	25	4.44
J999620		4.75	2.08	39.6	0.33	5510	<10	250	<0.5	<2	0.12	6.8	<1	1	48	5.28
J999621		4.45	1.570	29.1	0.31	6640	<10	170	<0.5	<2	0.13	7.5	<1	2	46	5.07
J999622		1.88	1.100	20.6	0.27	2890	<10	230	<0.5	3	0.12	38.9	<1	2	104	4.94
J999623		2.52	1.130	31.9	0.28	2010	<10	100	0.7	3	0.20	100.5	7	5	255	3.84
J999624		7.83	0.019	0.7	0.52	82	<10	570	1.4	<2	0.16	6.9	<1	1	16	0.56
J999625		6.00	0.171	5.0	0.60	416	<10	110	1.1	2	0.11	3.9	<1	1	95	1.66
J999626		3.23	1.380	>100	0.47	3470	<10	460	<0.5	5	0.09	9.0	<1	2	296	4.00
J999627		3.96	0.361	7.8	0.57	1335	<10	300	0.6	2	0.13	21.3	2	3	79	4.27
J999628		3.51	0.009	0.3	1.20	61	<10	260	0.8	<2	0.33	5.6	6	6	16	3.14

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10107454

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J999593		<10	<1	0.24	30	0.04	1855	5	<0.01	1	560	1530	0.24	<2	7	11
J999594		<10	<1	0.02	<10	11.45	168	<1	0.01	<1	220	8	<0.01	<2	<1	42
J999595		<10	<1	0.20	20	0.49	784	1	0.04	1	620	235	0.08	<2	7	26
J999596		<10	<1	0.25	30	0.28	1050	2	0.04	1	580	392	0.18	<2	6	26
J999597		<10	2	0.08	<10	0.18	1490	<1	0.01	10	140	>10000	>10.0	531	1	19
J999598		<10	<1	0.18	20	0.36	886	2	0.03	5	570	109	0.04	<2	7	21
J999599		<10	<1	0.20	20	0.16	998	1	0.02	3	540	200	0.15	3	7	25
J999600		<10	<1	0.18	20	0.09	843	1	0.01	3	560	119	0.05	4	9	21
J999601		<10	1	0.14	20	0.09	1045	1	0.01	4	540	1895	0.21	9	9	25
J999602		<10	1	0.18	20	0.06	1370	<1	0.01	<1	420	1480	0.15	5	7	26
J999603		<10	<1	0.26	30	0.09	1435	1	0.01	1	560	474	0.16	2	7	25
J999604		<10	<1	0.16	30	0.20	939	<1	0.01	1	660	385	0.04	<2	9	14
J999605		<10	<1	0.22	20	0.41	843	<1	0.04	1	580	41	0.09	<2	6	31
J999606		<10	<1	0.20	20	0.52	824	<1	0.04	1	590	564	0.04	<2	7	28
J999607		<10	<1	0.17	20	0.30	764	<1	0.02	<1	640	198	0.02	2	7	19
J999608		<10	<1	0.17	20	0.35	949	<1	0.05	1	600	388	0.02	2	7	22
J999609		<10	<1	0.22	20	0.34	1070	<1	0.03	1	550	1330	0.08	2	6	27
J999610		<10	<1	0.20	20	0.08	1335	1	0.01	<1	560	349	0.09	7	7	19
J999611		<10	1	0.34	20	0.07	724	2	0.01	<1	440	2270	1.37	150	3	23
J999612		<10	<1	0.25	20	0.15	884	<1	0.01	<1	570	488	0.03	2	7	15
J999613		<10	<1	0.14	30	0.21	701	<1	0.01	<1	610	254	0.01	3	8	17
J999614		<10	<1	0.25	20	0.11	1435	1	0.01	<1	570	4420	0.26	15	5	13
J999615		<10	1	0.22	20	0.04	1670	<1	0.01	<1	560	511	0.10	2	9	21
J999616		<10	1	0.30	10	0.02	226	3	0.01	<1	220	1890	0.27	51	1	34
J999617		<10	1	0.28	20	0.16	1055	<1	0.01	<1	610	532	0.06	4	8	22
J999618		<10	<1	0.29	20	0.02	475	3	0.01	<1	640	1650	0.13	8	5	17
J999619		<10	1	0.45	10	0.02	71	6	0.01	<1	250	1920	0.65	18	1	27
J999620		<10	1	0.56	10	0.02	83	8	0.01	<1	390	8830	1.14	38	2	21
J999621		<10	<1	0.61	10	0.02	91	6	0.01	<1	470	7450	1.19	39	2	26
J999622		<10	<1	0.43	10	0.02	181	4	0.01	<1	430	7110	0.86	22	2	21
J999623		<10	3	0.16	10	0.05	2850	6	<0.01	<1	180	7750	0.64	46	3	27
J999624		<10	<1	0.20	<10	0.02	675	1	0.01	<1	20	219	0.04	2	2	16
J999625		<10	<1	0.20	<10	0.02	554	3	0.01	<1	60	2080	0.06	8	2	13
J999626		<10	1	0.30	10	0.02	125	2	0.01	<1	660	>10000	0.68	115	2	38
J999627		<10	<1	0.28	20	0.07	434	1	0.01	<1	490	2080	0.13	10	4	16
J999628		10	1	0.21	30	0.43	1060	1	0.01	2	670	162	<0.01	2	6	12

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CERTIFICATE OF ANALYSIS WH10107454

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
J999593		<20	<0.01	<10	<10	27	<10	2010			
J999594		<20	<0.01	<10	<10	2	<10	44			
J999595		<20	0.02	<10	<10	47	<10	686			
J999596		<20	0.01	<10	<10	36	<10	672			
J999597		<20	<0.01	<10	<10	8	160	>10000	430	3.58	3.05
J999598		<20	0.01	<10	<10	41	<10	499			
J999599		<20	0.01	<10	<10	35	<10	715			
J999600		<20	0.01	<10	<10	36	<10	586			
J999601		<20	<0.01	<10	<10	38	<10	2240			
J999602		<20	<0.01	<10	<10	28	<10	2290			
J999603		<20	<0.01	<10	<10	30	<10	1160			
J999604		<20	<0.01	<10	<10	42	<10	944			
J999605		<20	0.01	<10	<10	36	<10	540			
J999606		<20	0.01	<10	<10	46	<10	918			
J999607		<20	0.01	<10	<10	42	<10	825			
J999608		<20	0.01	<10	<10	43	<10	820			
J999609		<20	0.01	<10	<10	35	<10	1430			
J999610		<20	<0.01	<10	<10	30	<10	1735			
J999611		<20	<0.01	<10	<10	11	<10	1770			
J999612		<20	<0.01	<10	<10	33	<10	1360			
J999613		<20	<0.01	<10	<10	39	<10	802			
J999614		<20	<0.01	<10	<10	23	<10	1980			
J999615		<20	<0.01	<10	<10	34	<10	1965			
J999616		<20	<0.01	<10	<10	7	<10	1925			
J999617		<20	<0.01	<10	<10	32	<10	2910			
J999618		<20	<0.01	<10	10	15	<10	2670			
J999619		<20	<0.01	<10	<10	8	<10	660			
J999620		<20	<0.01	<10	<10	8	<10	569			
J999621		<20	<0.01	<10	<10	6	<10	476			
J999622		<20	<0.01	<10	<10	7	<10	1710			
J999623		<20	<0.01	<10	<10	12	<10	4490			
J999624		20	<0.01	<10	<10	1	<10	500			
J999625		20	<0.01	<10	<10	2	<10	539			
J999626		<20	<0.01	<10	<10	8	<10	864	129		3.69
J999627		<20	<0.01	<10	<10	13	<10	1390			
J999628		<20	0.01	<10	<10	37	<10	631			

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10109006

Project: Klaza

P.O. No.: Batch 52

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10109006

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J998889		4.84	0.015	<0.2	1.30	20	<10	540	0.5	2	0.93	0.9	6	9	34	2.99
J998890		2.74	0.011	<0.2	1.02	36	<10	430	<0.5	3	0.46	1.8	6	8	25	2.66
J998891		2.89	0.026	1.8	0.93	289	<10	510	0.7	2	1.05	16.0	7	5	93	3.07
J998892		6.93	0.061	1.4	0.87	164	<10	910	0.8	4	0.65	3.4	7	6	64	3.06
J998893		4.64	0.016	0.9	1.09	50	<10	690	0.6	4	0.48	3.3	7	9	149	3.07
J998894		4.03	0.013	<0.2	0.94	19	<10	550	0.5	3	0.64	1.5	6	11	32	2.90
J998895		4.61	0.010	<0.2	1.21	19	<10	650	<0.5	4	0.72	2.7	8	14	49	3.13
J998896		4.22	0.094	2.7	0.69	178	<10	570	0.5	4	0.94	7.4	7	9	87	3.56
J998897		5.52	0.012	<0.2	1.06	20	<10	530	0.5	5	0.65	1.0	5	13	23	2.92
J998898		4.77	0.064	1.6	0.98	376	<10	560	0.5	3	0.47	4.4	6	12	40	3.02
J998899		4.65	0.479	0.4	0.85	66	<10	700	0.6	2	1.25	2.5	5	8	20	2.57
J998900		5.76	0.023	0.9	0.96	73	<10	550	0.8	4	0.89	3.2	6	8	32	3.36
J998901		3.88	0.015	0.4	0.84	49	<10	1070	0.9	5	1.37	3.9	10	5	35	2.87
J998902		5.12	0.005	<0.2	0.60	39	<10	660	0.9	3	1.34	1.0	2	2	4	1.40
J998903		5.92	0.016	<0.2	0.85	64	<10	780	1.0	3	0.57	3.6	6	6	17	2.27
J998904		5.24	0.011	<0.2	0.76	68	<10	790	1.0	4	1.44	3.6	5	9	21	2.12
J998905		5.56	0.027	<0.2	1.18	64	<10	610	0.6	3	0.59	2.6	7	11	22	2.84
J998906		4.31	0.017	0.2	1.18	64	<10	670	<0.5	2	0.46	3.7	13	12	22	3.56
J998907		2.85	0.016	0.6	1.26	108	<10	650	<0.5	3	0.48	5.3	9	12	65	3.52
J998908		2.31	0.121	4.1	0.57	603	<10	790	0.5	5	0.13	12.7	7	6	138	4.92
J998909		4.36	0.172	18.3	0.58	799	<10	1400	<0.5	11	0.11	8.1	2	3	207	4.22
J998910		6.69	0.090	1.8	0.71	401	<10	580	0.6	3	0.18	11.1	8	6	83	3.68
J998911		4.05	0.591	11.8	0.87	1085	<10	390	0.5	4	0.16	12.0	3	6	40	3.30
J998912		4.88	0.725	7.7	0.50	1560	<10	840	0.6	2	0.10	21.2	2	5	88	5.42
J998913		4.72	0.927	9.3	0.49	1560	<10	200	<0.5	3	0.07	29.0	1	4	88	4.57
J998914		4.67	0.614	6.8	0.57	1510	<10	340	0.5	<2	0.09	24.8	3	6	90	4.19
J998915		3.92	2.53	>100	0.64	>10000	<10	1030	<0.5	6	0.09	56.1	1	5	396	5.16
J998916		5.46	0.297	7.3	0.62	799	<10	530	0.5	7	0.11	22.7	8	5	198	4.16
J998917		5.55	2.52	94.4	0.70	4050	<10	700	<0.5	9	0.05	8.1	<1	4	156	2.78
J998918		5.83	0.833	14.1	0.57	885	<10	760	<0.5	3	0.05	4.4	<1	4	29	2.33
J998919		5.68	0.405	15.2	0.30	667	<10	320	<0.5	3	0.07	1.8	<1	3	34	2.34
J998920		4.28	0.341	11.8	0.32	1075	<10	370	<0.5	3	0.11	1.9	<1	2	33	3.77
J998921		3.98	0.820	9.1	0.55	1565	<10	620	0.6	4	0.14	12.0	2	6	207	4.72
J998922		3.68	5.60	56.9	0.53	3900	<10	500	0.8	12	0.18	60.5	5	4	349	7.52
J998923		4.61	0.732	10.8	0.42	690	<10	640	<0.5	6	0.81	12.1	4	5	113	4.17
J998924		5.22	0.047	1.0	0.52	89	<10	680	0.6	<2	1.90	3.9	8	5	38	3.06

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

Finalized Date: 19- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10109006

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J998889		<10	<1	0.27	20	0.50	752	<1	0.09	<1	630	23	0.03	<2	8	35
J998890		<10	<1	0.16	20	0.47	651	1	0.05	2	590	30	0.05	<2	6	19
J998891		<10	<1	0.28	20	0.15	1425	<1	0.03	1	670	175	0.03	11	8	22
J998892		<10	<1	0.23	20	0.13	1190	1	0.03	3	720	298	0.04	3	6	27
J998893		<10	<1	0.36	20	0.29	1135	<1	0.07	1	660	334	0.07	2	6	28
J998894		<10	<1	0.27	20	0.26	809	1	0.09	1	640	28	0.03	<2	7	29
J998895		<10	<1	0.30	20	0.46	742	<1	0.12	1	660	34	0.06	<2	7	38
J998896		<10	<1	0.20	20	0.26	1650	1	0.04	1	630	399	0.11	3	7	34
J998897		<10	<1	0.24	20	0.36	993	<1	0.10	1	630	28	0.04	<2	7	32
J998898		<10	<1	0.27	20	0.28	1285	<1	0.09	1	630	289	0.03	<2	7	27
J998899		<10	<1	0.29	20	0.15	1135	<1	0.06	1	550	100	0.07	<2	7	33
J998900		<10	<1	0.26	20	0.20	1275	<1	0.04	1	660	174	0.04	<2	8	26
J998901		<10	1	0.32	20	0.08	1205	1	0.04	<1	550	45	0.10	<2	7	35
J998902		<10	<1	0.26	10	0.09	606	<1	0.02	1	300	40	0.02	<2	2	31
J998903		<10	<1	0.32	10	0.10	945	<1	0.04	2	480	60	0.06	<2	4	20
J998904		<10	<1	0.30	20	0.13	835	<1	0.03	6	860	49	0.03	<2	5	54
J998905		<10	<1	0.29	20	0.38	1020	1	0.08	2	670	51	0.04	<2	6	41
J998906		<10	<1	0.26	20	0.44	1060	<1	0.07	2	670	50	0.24	<2	6	26
J998907		<10	<1	0.30	20	0.47	1255	<1	0.07	2	670	80	0.17	<2	6	26
J998908		<10	<1	0.26	20	0.06	1265	2	0.01	3	590	375	0.05	8	4	26
J998909		<10	1	0.33	20	0.05	202	2	0.01	1	500	894	0.13	48	2	86
J998910		<10	<1	0.26	20	0.07	2130	2	0.03	4	620	182	0.02	4	5	16
J998911		<10	<1	0.29	20	0.15	929	1	0.03	3	510	1415	0.06	22	4	24
J998912		<10	<1	0.27	20	0.03	925	2	0.02	2	600	1475	0.07	16	4	20
J998913		<10	<1	0.31	20	0.03	398	4	0.01	1	480	1495	0.07	24	3	19
J998914		<10	<1	0.36	20	0.04	435	3	0.02	2	510	1450	0.08	17	4	16
J998915		<10	1	0.44	20	0.03	145	2	0.03	<1	430	>10000	0.30	195	2	30
J998916		<10	<1	0.35	20	0.03	2020	2	0.02	2	560	1125	0.14	21	4	18
J998917		<10	1	0.47	10	0.03	120	2	0.02	1	640	>10000	0.40	78	2	93
J998918		<10	<1	0.42	10	0.03	130	1	0.02	1	340	2490	0.17	8	3	17
J998919		<10	<1	0.39	10	0.02	58	1	0.02	<1	440	3170	0.49	12	2	22
J998920		<10	<1	0.42	20	0.02	94	2	0.02	1	530	2600	0.57	12	3	44
J998921		<10	<1	0.22	10	0.04	740	11	0.02	6	390	1765	0.24	25	5	54
J998922		<10	2	0.18	10	0.05	4940	25	0.02	4	370	>10000	0.31	75	5	42
J998923		<10	<1	0.21	10	0.04	987	9	0.02	2	390	1135	0.34	14	5	26
J998924		<10	<1	0.20	20	0.07	1090	1	0.02	4	570	112	0.12	5	8	35

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

Finalized Date: 19- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10109006

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Pb- OG46 Pb % 0.001
J998889		<20	0.04	<10	<10	54	<10	121		
J998890		<20	0.03	<10	<10	46	<10	262		
J998891		<20	0.01	<10	<10	41	<10	1550		
J998892		<20	0.01	<10	<10	33	<10	507		
J998893		<20	0.03	<10	<10	41	<10	484		
J998894		<20	0.03	<10	<10	45	<10	170		
J998895		<20	0.06	<10	<10	55	<10	269		
J998896		<20	0.01	<10	<10	39	<10	870		
J998897		<20	0.03	<10	<10	51	<10	146		
J998898		<20	0.03	<10	<10	49	<10	618		
J998899		20	<0.01	<10	<10	33	<10	357		
J998900		<20	<0.01	<10	<10	37	<10	502		
J998901		<20	<0.01	<10	<10	23	<10	526		
J998902		<20	<0.01	<10	<10	6	<10	226		
J998903		<20	<0.01	<10	<10	18	<10	562		
J998904		<20	<0.01	<10	<10	24	<10	357		
J998905		<20	0.04	<10	<10	45	<10	393		
J998906		<20	0.02	<10	<10	47	<10	464		
J998907		<20	0.02	<10	<10	49	<10	513		
J998908		<20	<0.01	<10	<10	25	<10	1185		
J998909		<20	<0.01	<10	<10	11	<10	773		
J998910		<20	<0.01	<10	<10	27	<10	1345		
J998911		<20	0.01	<10	<10	25	<10	997		
J998912		<20	<0.01	<10	<10	15	<10	1780		
J998913		<20	<0.01	<10	<10	7	<10	1330		
J998914		<20	<0.01	<10	<10	12	<10	1190		
J998915		<20	<0.01	<10	<10	8	<10	1125	133	2.70
J998916		<20	<0.01	<10	<10	17	<10	1880		
J998917		<20	<0.01	<10	<10	10	<10	435		1.815
J998918		<20	<0.01	<10	<10	9	<10	569		
J998919		<20	<0.01	<10	<10	6	<10	347		
J998920		<20	<0.01	<10	<10	7	<10	716		
J998921		<20	<0.01	<10	<10	17	<10	1570		
J998922		<20	<0.01	<10	<10	17	<10	4100		0.996
J998923		<20	<0.01	<10	<10	26	<10	1495		
J998924		<20	<0.01	<10	<10	35	<10	361		

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Finalized Date: 18- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10109370

Project: Klaza

P.O. No.: Batch 51

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10109370

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J998853		3.99	0.065	3.0	0.47	94	<10	670	0.5	<2	0.20	7.8	16	5	22	3.61
J998854		2.75	0.034	0.9	0.48	34	<10	1200	0.7	<2	0.26	5.8	8	4	10	2.95
J998855		2.02	0.109	31.7	0.44	156	<10	340	<0.5	<2	0.12	2.9	<1	2	178	2.40
J998856		7.64	0.023	1.0	0.75	39	<10	420	0.5	<2	0.28	5.0	21	6	13	2.55
J998857		4.87	0.020	0.5	0.73	31	<10	840	0.8	<2	0.33	6.3	11	6	13	2.91
J998858		4.94	0.027	0.4	0.49	39	<10	410	0.6	<2	0.51	6.5	16	4	8	3.00
J998859		4.78	0.023	0.6	0.35	87	<10	390	0.5	<2	1.33	6.7	12	7	12	3.10
J998860		4.55	0.021	0.4	0.38	80	<10	350	<0.5	<2	1.28	5.3	6	5	6	2.40
J998861		4.53	0.022	0.6	0.37	107	<10	500	0.5	<2	0.83	4.8	8	9	10	2.44
J998862		3.20	0.016	0.2	0.76	72	<10	500	0.6	<2	0.48	3.8	6	5	8	2.63
J998863		5.20	0.013	0.8	1.07	81	<10	310	<0.5	<2	0.38	2.6	12	7	9	2.80
J998864		3.82	0.009	<0.2	1.30	21	<10	300	<0.5	<2	0.41	1.0	8	8	6	2.80
J998865		6.46	0.033	2.0	0.70	291	<10	400	0.5	<2	0.44	6.1	10	5	30	3.02
J998866		4.44	0.125	1.3	0.94	323	<10	380	0.5	<2	0.34	3.5	9	7	18	3.00
J998867		1.72	0.017	<0.2	0.77	231	<10	410	0.6	<2	0.29	2.3	8	7	11	2.79
J998868		3.34	3.28	7.9	0.42	5900	<10	1060	0.6	<2	0.29	33.2	13	4	89	5.39
J998869		5.87	0.025	0.4	0.82	94	<10	490	<0.5	<2	0.81	1.3	7	7	19	2.52
J998870		4.91	0.017	<0.2	0.94	33	<10	460	0.5	<2	0.37	0.9	7	8	9	2.60
J998871		4.64	0.008	<0.2	1.01	12	<10	380	<0.5	<2	0.42	0.5	9	17	17	2.55
J998872		3.59	0.013	2.2	0.74	66	<10	490	<0.5	3	0.39	1.2	7	6	27	2.48
J998873		5.39	0.066	0.3	1.06	23	<10	510	0.5	<2	0.39	1.8	7	7	36	2.93
J998874		2.22	0.029	0.4	1.27	23	<10	370	0.5	<2	0.34	1.4	12	8	62	2.91
J998875		4.21	0.024	0.6	0.79	150	<10	620	0.7	<2	0.32	3.1	10	5	20	2.96
J998876		4.15	0.009	<0.2	0.86	11	<10	380	0.5	<2	0.85	1.3	6	8	10	2.55
J998877		6.07	0.137	1.9	0.68	136	<10	1420	0.6	<2	0.96	4.4	6	6	19	2.80
J998878		4.54	0.009	0.3	0.87	14	<10	500	0.5	<2	2.14	2.1	7	7	19	2.53
J998879		2.59	0.016	0.7	0.49	36	<10	1170	0.7	<2	3.37	4.4	12	4	14	2.72
J998880		3.23	0.009	0.4	0.98	27	<10	590	0.8	<2	0.57	2.1	8	5	21	2.98
J998881		4.30	0.019	1.3	0.63	115	<10	610	0.9	<2	1.09	2.9	15	3	20	3.69
J998882		4.46	0.005	0.3	0.81	24	<10	1030	0.8	2	1.28	1.3	7	4	10	2.74
J998883		3.48	0.011	0.5	0.69	24	<10	630	1.0	<2	1.38	1.1	6	3	9	2.92
J998884		6.91	0.011	1.2	1.03	33	<10	520	0.8	<2	0.82	1.3	7	4	15	3.14
J998885		5.29	0.008	0.3	0.82	18	<10	290	0.7	<2	1.21	<0.5	7	4	15	2.59
J998886		4.24	0.007	<0.2	1.06	7	<10	490	0.5	<2	1.27	<0.5	5	7	39	2.77
J998887		5.11	0.019	0.5	1.64	18	<10	460	0.7	<2	0.72	2.6	7	7	133	2.95
J998888		4.92	0.015	1.1	1.05	30	<10	520	0.5	<2	0.71	3.2	7	7	96	2.95

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

Finalized Date: 18- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10109370

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J998853		<10	<1	0.23	20	0.08	4290	12	0.02	2	630	805	<0.01	3	5	27
J998854		<10	<1	0.24	30	0.04	1955	4	0.03	2	700	190	<0.01	<2	7	22
J998855		<10	<1	0.25	20	0.04	130	3	0.02	<1	600	3970	0.27	30	2	63
J998856		<10	<1	0.23	20	0.23	1110	2	0.04	2	660	171	<0.01	<2	5	16
J998857		<10	<1	0.20	20	0.17	1380	1	0.03	2	680	82	<0.01	2	8	17
J998858		<10	<1	0.27	30	0.04	1750	2	0.02	3	700	54	<0.01	<2	6	16
J998859		<10	<1	0.23	10	0.04	4790	3	0.02	4	780	253	<0.01	<2	3	50
J998860		<10	<1	0.23	10	0.06	3820	3	0.02	3	660	245	<0.01	<2	3	35
J998861		<10	<1	0.22	10	0.04	3440	5	0.02	4	750	278	<0.01	<2	3	31
J998862		<10	<1	0.21	30	0.19	2060	6	0.03	1	670	45	<0.01	<2	6	21
J998863		<10	<1	0.18	20	0.43	1205	1	0.03	2	660	304	<0.01	<2	5	15
J998864		<10	<1	0.15	20	0.63	758	<1	0.06	1	650	27	<0.01	<2	6	23
J998865		<10	<1	0.21	20	0.20	2430	4	0.03	1	680	338	0.01	3	5	23
J998866		10	<1	0.18	20	0.38	1300	4	0.05	2	640	529	<0.01	2	6	19
J998867		<10	<1	0.14	20	0.16	998	2	0.02	1	760	29	<0.01	3	10	10
J998868		<10	<1	0.18	30	0.03	4890	13	0.03	2	490	829	<0.01	17	5	26
J998869		<10	<1	0.18	20	0.28	624	5	0.05	1	640	31	0.01	3	7	30
J998870		<10	<1	0.20	20	0.32	579	3	0.05	1	670	20	<0.01	2	7	20
J998871		10	<1	0.17	20	0.46	641	2	0.06	4	650	13	<0.01	<2	6	20
J998872		<10	<1	0.22	20	0.25	1025	9	0.05	2	630	87	0.01	<2	5	18
J998873		<10	<1	0.18	20	0.38	1100	6	0.04	2	690	137	<0.01	<2	7	17
J998874		<10	<1	0.18	20	0.51	965	5	0.04	<1	630	47	<0.01	<2	7	20
J998875		<10	<1	0.20	30	0.13	1770	15	0.03	1	640	49	<0.01	3	7	18
J998876		<10	<1	0.19	20	0.33	581	9	0.06	2	620	20	<0.01	<2	7	34
J998877		<10	1	0.20	20	0.23	1015	9	0.05	2	620	395	0.03	<2	7	33
J998878		<10	<1	0.22	20	0.34	822	5	0.07	1	590	113	0.01	2	7	53
J998879		<10	<1	0.19	30	0.10	1195	13	0.03	2	630	139	0.08	<2	7	63
J998880		<10	<1	0.21	30	0.18	1485	8	0.01	8	710	102	0.02	<2	9	29
J998881		<10	<1	0.22	30	0.07	1510	11	0.01	2	630	139	0.04	<2	8	18
J998882		<10	<1	0.21	20	0.15	769	3	0.01	1	730	76	0.04	<2	6	28
J998883		<10	<1	0.22	30	0.13	1065	2	0.02	2	820	82	0.03	<2	5	24
J998884		<10	<1	0.20	30	0.23	1360	4	0.01	1	690	271	0.03	2	8	20
J998885		<10	1	0.17	30	0.15	695	5	0.01	<1	690	21	0.01	<2	9	40
J998886		<10	<1	0.20	30	0.46	577	1	0.05	1	640	10	0.03	2	7	46
J998887		<10	<1	0.19	30	0.63	1085	1	0.02	1	630	54	0.02	<2	7	30
J998888		<10	<1	0.21	20	0.40	1195	1	0.04	1	630	139	0.03	<2	7	22

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North Vancouver BC V7H 0A7
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10109370

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
J998853		<20	0.01	<10	<10	23	<10	1375
J998854		<20	<0.01	<10	<10	30	<10	752
J998855		<20	<0.01	<10	<10	8	<10	386
J998856		<20	0.02	<10	<10	34	<10	473
J998857		<20	<0.01	<10	<10	39	<10	495
J998858		<20	<0.01	<10	<10	27	<10	357
J998859		<20	<0.01	<10	<10	13	<10	649
J998860		<20	<0.01	<10	<10	13	<10	527
J998861		<20	<0.01	<10	<10	18	<10	581
J998862		<20	0.01	<10	<10	36	<10	337
J998863		<20	0.02	<10	<10	43	<10	462
J998864		<20	0.05	<10	<10	56	<10	139
J998865		<20	0.01	<10	<10	33	<10	594
J998866		<20	0.02	<10	<10	42	<10	450
J998867		<20	0.04	<10	<10	55	<10	495
J998868		<20	<0.01	<10	<10	21	<10	1695
J998869		<20	0.03	<10	<10	43	<10	156
J998870		<20	0.05	<10	<10	50	<10	85
J998871		<20	0.05	<10	<10	48	<10	66
J998872		<20	0.03	<10	<10	34	<10	117
J998873		<20	0.02	<10	<10	47	<10	237
J998874		<20	0.02	<10	<10	46	<10	153
J998875		<20	0.01	<10	<10	31	<10	292
J998876		<20	0.03	<10	<10	45	<10	94
J998877		<20	0.01	<10	<10	37	<10	429
J998878		<20	0.05	<10	<10	43	<10	144
J998879		<20	<0.01	<10	<10	31	<10	378
J998880		20	0.01	<10	<10	43	<10	229
J998881		<20	<0.01	<10	<10	29	<10	450
J998882		<20	0.01	<10	<10	32	<10	150
J998883		<20	<0.01	<10	<10	26	<10	169
J998884		<20	0.01	<10	<10	38	<10	159
J998885		20	<0.01	<10	<10	38	<10	59
J998886		<20	0.03	<10	<10	48	<10	67
J998887		20	0.02	<10	<10	51	<10	335
J998888		<20	0.02	<10	<10	48	<10	399

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

Finalized Date: 21- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10110678

Project: Klaza

P.O. No.: Batch 53

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 11- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER		

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH10110678

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J998925		4.33	0.8	0.97	89	<10	1310	0.7	<2	0.74	1.9	5	10	18	2.24	<10
J998926		5.01	1.3	0.60	95	<10	340	0.7	<2	2.03	1.6	13	5	129	3.35	<10
J998927		3.56	0.3	0.61	46	<10	1450	0.8	<2	2.39	0.9	7	7	10	2.84	<10
J998928		4.35	1.6	0.62	157	<10	830	0.8	2	1.06	1.2	6	7	28	3.66	<10
J998929		5.44	3.7	0.39	245	<10	490	<0.5	2	0.18	1.5	3	3	41	2.79	<10
J998930		6.31	1.1	0.60	148	<10	780	0.8	2	1.07	2.1	10	5	37	3.03	<10
J998931		5.77	0.3	0.79	110	<10	560	0.5	<2	0.77	0.5	7	7	23	2.60	<10
J998932		5.03	<0.2	0.88	18	<10	500	<0.5	<2	0.72	<0.5	6	7	15	2.57	<10
J998933		4.39	0.4	1.00	32	<10	500	0.6	<2	0.53	0.8	7	6	9	2.60	<10
J998934		7.25	0.4	1.09	31	<10	530	<0.5	<2	0.44	0.9	7	9	14	2.71	<10
J998935		4.47	0.6	0.54	104	<10	690	0.6	<2	0.46	3.8	10	7	12	2.92	<10
J998936		5.16	1.4	0.56	212	<10	1080	0.6	<2	0.42	9.5	10	4	58	2.91	<10
J998937		6.58	1.5	0.69	127	<10	870	0.6	<2	0.23	8.8	9	6	71	3.12	<10
J998938		5.43	0.8	0.94	64	<10	640	<0.5	<2	0.35	4.0	8	8	34	2.94	<10
J998939		6.22	1.2	1.00	72	<10	650	<0.5	<2	0.46	4.5	7	8	45	3.12	<10
J998940		5.81	1.4	0.76	135	<10	620	0.8	<2	0.27	5.7	9	6	22	3.27	<10
J998941		4.53	1.0	0.97	145	<10	500	<0.5	<2	0.38	4.2	7	8	26	2.81	<10
J998942		4.16	0.8	1.11	156	<10	420	0.5	<2	0.26	6.4	6	6	14	2.86	<10
J998943		6.01	0.6	1.12	92	<10	360	<0.5	<2	0.28	5.4	7	7	11	2.82	<10
J998944		2.01	5.3	0.68	778	<10	260	0.7	3	0.17	14.8	6	4	84	3.86	<10
J998945		1.80	6.5	0.46	641	<10	420	0.6	2	0.11	22.5	6	15	68	5.10	<10
J998946		5.90	0.6	0.99	105	<10	460	0.5	<2	0.25	8.4	7	7	15	3.08	<10
J998947		5.59	0.8	1.41	69	<10	420	0.5	<2	0.31	4.1	14	8	35	2.96	10
J998948		2.39	1.0	1.04	57	<10	310	0.7	<2	0.41	4.8	7	6	11	2.34	<10
J998949		2.20	0.5	1.03	35	<10	460	0.8	<2	1.10	5.0	4	6	9	2.04	<10
J998950		5.66	1.5	1.24	323	<10	620	0.5	2	0.42	2.3	13	7	58	4.04	<10
J998951		4.30	0.8	1.37	138	<10	790	<0.5	3	0.86	0.8	10	7	42	4.33	<10
J998952		4.58	0.9	1.13	132	<10	600	<0.5	3	0.97	1.0	10	5	37	3.83	<10
J998953		1.93	77.3	0.44	7980	<10	270	<0.5	6	0.28	10.6	7	3	248	6.20	<10
J998954		3.33	5.5	0.79	312	<10	360	0.5	11	0.66	10.8	12	4	308	4.87	<10
J998955		2.71	14.0	0.39	4590	<10	990	<0.5	2	0.13	10.7	1	2	114	5.29	<10
J998956		2.27	1.6	0.50	203	<10	380	0.6	3	0.43	12.5	20	3	90	4.15	<10
J998957		4.84	6.6	0.51	890	<10	590	<0.5	4	0.10	20.1	10	3	131	4.64	<10
J998958		2.77	27.5	0.40	1780	<10	380	<0.5	3	0.07	6.9	1	2	283	3.45	<10
J998959		5.02	5.2	0.58	691	<10	900	0.6	5	0.12	22.4	6	8	430	6.19	<10
J998960		5.33	2.3	0.93	199	<10	790	1.0	<2	0.59	16.4	11	28	1100	4.35	<10

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CERTIFICATE OF ANALYSIS WH10110678

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J998925		<1	0.19	10	0.06	775	1	0.03	14	450	84	0.08	<2	4	47	<20
J998926		1	0.23	10	0.08	1140	4	0.01	5	590	78	0.33	19	6	30	<20
J998927		<1	0.14	10	0.07	731	1	0.03	6	800	14	0.07	<2	8	50	<20
J998928		<1	0.22	10	0.06	766	1	0.02	5	760	98	0.12	<2	8	68	<20
J998929		<1	0.25	20	0.03	1255	4	0.01	1	500	135	0.10	6	5	30	<20
J998930		<1	0.25	20	0.08	1910	2	0.02	2	710	45	0.16	2	8	30	<20
J998931		<1	0.22	20	0.26	774	1	0.04	1	650	21	0.05	<2	7	28	<20
J998932		<1	0.23	30	0.31	628	1	0.07	1	630	14	0.03	<2	8	26	<20
J998933		<1	0.22	30	0.28	619	<1	0.03	1	650	31	0.04	<2	6	22	<20
J998934		<1	0.27	20	0.50	611	<1	0.08	1	630	24	0.02	<2	5	27	<20
J998935		<1	0.15	20	0.06	1365	1	0.01	2	610	38	0.03	<2	9	16	<20
J998936		<1	0.29	20	0.05	1965	2	0.02	3	620	79	0.08	7	5	14	<20
J998937		<1	0.24	20	0.15	2060	2	0.03	2	650	167	0.06	3	6	13	<20
J998938		<1	0.26	20	0.37	1250	<1	0.05	2	640	62	0.11	<2	5	18	20
J998939		<1	0.26	20	0.45	1090	1	0.06	2	650	85	0.17	<2	6	22	20
J998940		1	0.27	30	0.09	1355	1	0.02	2	670	124	0.03	<2	9	15	<20
J998941		1	0.26	20	0.43	1060	2	0.06	2	600	129	0.04	<2	5	22	<20
J998942		<1	0.24	20	0.35	1470	2	0.04	2	610	70	0.02	<2	5	17	<20
J998943		<1	0.20	20	0.46	1005	1	0.05	2	610	108	0.02	<2	6	20	<20
J998944		<1	0.28	30	0.09	1590	<1	0.02	<1	570	1220	0.08	13	6	21	<20
J998945		1	0.29	30	0.03	3910	1	0.01	5	590	922	0.10	15	4	20	<20
J998946		<1	0.22	20	0.30	1345	1	0.04	2	650	66	0.03	<2	6	15	<20
J998947		1	0.24	20	0.56	847	1	0.06	2	640	56	0.02	<2	6	24	<20
J998948		1	0.16	30	0.15	772	<1	0.02	2	710	47	0.02	<2	9	14	20
J998949		<1	0.27	30	0.13	530	<1	0.02	5	730	27	0.02	<2	6	35	<20
J998950		<1	0.23	20	0.50	1815	1	0.03	1	690	58	0.34	<2	5	20	<20
J998951		<1	0.29	20	0.54	1875	2	0.04	1	660	26	0.39	<2	5	42	<20
J998952		1	0.25	20	0.47	1730	<1	0.04	2	600	24	0.50	<2	4	46	<20
J998953		<1	0.30	10	0.05	3290	1	0.01	1	480	2360	1.26	94	2	26	<20
J998954		1	0.28	20	0.24	3170	<1	0.02	2	660	99	0.86	3	4	30	<20
J998955		<1	0.33	10	0.03	1965	<1	0.01	<1	490	5900	0.35	31	1	68	<20
J998956		<1	0.32	20	0.05	3150	1	0.01	2	670	81	0.70	6	4	18	<20
J998957		1	0.37	20	0.03	2690	1	0.01	1	520	1015	0.20	17	2	44	<20
J998958		1	0.29	20	0.03	169	1	0.01	<1	720	9990	0.35	38	2	69	<20
J998959		1	0.32	20	0.06	1240	<1	0.01	7	650	838	0.20	9	3	26	<20
J998960		<1	0.26	20	0.26	1635	3	0.02	19	760	218	0.10	4	4	30	<20

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

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

Finalized Date: 21- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10110678

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005
J998925		<0.01	<10	<10	25	<10	508	0.058
J998926		<0.01	<10	<10	28	<10	248	0.013
J998927		<0.01	<10	<10	46	<10	246	0.009
J998928		<0.01	<10	<10	39	<10	256	0.066
J998929		<0.01	<10	<10	20	<10	242	0.126
J998930		<0.01	<10	<10	31	<10	241	0.048
J998931		0.02	<10	<10	42	<10	100	0.015
J998932		0.03	<10	<10	44	<10	83	0.015
J998933		0.02	<10	<10	38	<10	193	0.037
J998934		0.09	<10	<10	55	<10	141	0.013
J998935		<0.01	<10	<10	45	<10	456	0.052
J998936		<0.01	<10	<10	24	<10	680	0.033
J998937		0.01	<10	<10	31	<10	937	0.023
J998938		0.03	<10	<10	44	<10	334	0.022
J998939		0.05	<10	<10	50	<10	368	0.022
J998940		0.01	<10	<10	38	<10	576	0.048
J998941		0.06	<10	<10	46	<10	333	0.028
J998942		0.01	<10	<10	37	<10	551	0.030
J998943		0.02	<10	<10	43	<10	587	0.014
J998944		<0.01	<10	<10	28	<10	1755	0.057
J998945		<0.01	<10	<10	15	<10	1995	0.056
J998946		0.01	<10	<10	39	<10	738	0.014
J998947		0.01	<10	<10	46	<10	405	0.029
J998948		<0.01	<10	<10	38	<10	427	0.054
J998949		<0.01	<10	<10	21	<10	442	0.020
J998950		<0.01	<10	<10	39	<10	382	0.077
J998951		<0.01	<10	<10	37	<10	193	0.035
J998952		<0.01	<10	<10	32	<10	199	0.029
J998953		<0.01	<10	<10	7	<10	979	1.470
J998954		<0.01	<10	<10	28	<10	809	0.095
J998955		<0.01	<10	<10	7	<10	732	1.430
J998956		<0.01	<10	<10	21	<10	1085	0.110
J998957		<0.01	<10	<10	10	<10	1720	0.224
J998958		<0.01	<10	<10	7	<10	638	2.31
J998959		<0.01	<10	<10	20	<10	2140	0.213
J998960		<0.01	<10	<10	31	<10	1150	0.029

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

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

Finalized Date: 24- AUG- 2010
This copy reported on 2- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10110679

Project: Klaza

P.O. No.: Batch 54

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 11- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Ag- GRA21	Ag 30g FA- GRAV finish	WST- SIM
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 24- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10110679

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J998961		4.33	4.0	0.71	198	<10	190	1.0	4	0.15	8.7	10	5	1435	4.26	<10
J998962		1.86	63.8	0.83	1450	<10	730	1.5	13	0.09	12.9	4	5	2930	10.45	<10
J998963		1.00	>100	0.77	7910	<10	150	1.8	51	0.09	34.1	<1	15	8530	19.9	<10
J998964		3.44	6.4	0.96	149	<10	260	0.9	2	0.16	3.6	5	4	2230	4.09	<10
J998965		1.59	2.9	0.61	137	<10	190	0.6	2	0.14	2.5	2	4	1540	3.86	<10
J998966		3.63	5.6	0.53	209	<10	460	0.5	4	0.15	3.4	2	4	1220	3.94	<10
J998967		2.97	0.7	0.72	52	<10	1310	1.2	<2	0.37	12.2	9	8	1355	2.43	<10
J998968		5.18	0.9	0.50	27	<10	880	0.8	<2	1.08	2.7	6	6	26	1.89	<10
J998969		2.48	7.4	0.57	726	<10	340	1.7	5	0.30	30.2	9	6	167	4.38	<10
J998970		6.60	17.0	0.30	>10000	<10	350	0.5	2	0.38	123.0	4	2	91	4.26	<10
J998971		3.58	8.1	0.58	9160	<10	840	0.9	2	1.29	183.0	9	8	88	5.24	<10
J998972		2.37	7.7	0.61	868	<10	520	1.0	10	1.20	17.0	12	7	138	3.42	<10
J998973		1.12	32.5	0.22	>10000	<10	30	<0.5	<2	0.98	332	2	3	246	7.71	<10
J998974		6.74	0.6	0.68	195	<10	1300	1.0	<2	2.14	4.1	8	5	63	2.67	<10
J998975		2.88	1.1	0.67	176	<10	1110	0.8	<2	2.10	4.5	6	7	26	2.48	<10
J998976		3.27	4.9	0.45	239	<10	550	1.6	<2	0.90	15.3	9	4	55	2.95	<10
J998977		2.51	1.6	0.69	254	<10	1140	1.0	<2	1.03	8.3	8	8	26	3.01	<10
J998978		5.19	0.6	0.53	104	<10	850	0.9	<2	2.67	6.8	6	5	9	2.26	<10
J998979		2.05	1.3	0.57	417	<10	1100	1.1	<2	0.58	94.0	10	8	61	3.15	<10
J998980		2.29	26.0	0.32	>10000	<10	40	0.8	6	0.46	559	5	3	575	7.49	<10
J998981		1.62	1.5	0.60	397	<10	400	0.7	<2	0.63	22.6	7	3	118	3.14	<10
J998982		1.60	2.4	0.92	176	<10	620	0.5	<2	1.26	4.1	7	5	71	3.31	<10
J998983		2.00	1.5	1.04	110	<10	400	0.5	<2	0.74	5.7	6	7	51	3.05	<10
J998984		3.01	4.7	1.05	278	<10	460	0.5	3	0.60	5.8	6	6	36	3.04	<10
J998985		2.26	5.1	0.89	1030	<10	310	0.6	4	0.60	14.4	6	4	89	4.05	<10
J998986		3.87	2.2	0.77	306	<10	600	0.7	<2	1.00	8.8	8	5	46	3.21	<10
J998987		3.84	1.9	1.00	119	<10	370	<0.5	<2	0.85	4.4	6	7	41	2.93	<10
J998988		6.58	3.7	1.01	113	<10	560	0.5	<2	1.85	34.2	5	5	154	3.16	<10
J998989		2.94	0.6	1.40	16	<10	330	0.5	<2	1.21	<0.5	6	7	24	2.75	10
J998990		5.32	0.5	1.29	19	<10	360	<0.5	<2	1.25	<0.5	6	7	11	2.80	<10
J998991		2.88	0.5	1.10	18	<10	330	<0.5	<2	1.14	<0.5	6	8	10	2.78	<10
J998992		2.36	1.6	0.72	373	<10	370	0.7	<2	2.55	10.1	6	5	23	2.74	<10
J998993		3.26	0.6	1.28	24	<10	370	<0.5	<2	1.03	<0.5	6	8	9	2.79	10
J998994		3.91	0.6	1.41	24	<10	570	0.5	<2	4.05	0.5	7	6	10	2.62	10
J998995		4.29	0.4	1.59	29	<10	240	0.7	<2	1.37	<0.5	6	8	6	2.87	10
J998996		5.72	0.4	1.59	44	<10	280	0.7	<2	1.83	<0.5	6	7	8	2.95	10

Comments: Gold assay on sample J998963 is reported by fire assay gravimetric method due to high silver content in sample that may cause incomplete gold dissolution in aqua- regia solution.

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

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C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10110679

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J998961		<1	0.21	20	0.08	1030	3	0.01	18	660	289	0.10	8	5	8	<20
J998962		1	0.28	40	0.03	295	4	0.01	4	1210	>10000	0.34	85	7	63	<20
J998963		10	0.14	50	0.01	198	8	0.02	<1	3490	>10000	1.91	2620	15	273	30
J998964		<1	0.22	20	0.17	218	<1	0.02	2	700	257	0.03	6	6	11	<20
J998965		<1	0.32	20	0.03	74	<1	0.01	1	760	111	0.25	<2	6	70	20
J998966		<1	0.26	10	0.03	64	1	0.01	2	700	358	0.28	5	5	89	<20
J998967		<1	0.23	10	0.04	1085	1	0.02	15	600	50	0.04	<2	4	32	<20
J998968		<1	0.21	10	0.06	676	<1	0.01	12	700	58	0.03	<2	4	27	<20
J998969		1	0.27	10	0.05	2750	3	0.01	14	570	1205	0.70	9	4	17	<20
J998970		1	0.24	10	0.12	3840	1	0.01	2	520	4570	0.64	35	2	56	<20
J998971		<1	0.32	10	0.13	9290	5	0.02	14	640	1390	0.37	23	5	59	<20
J998972		<1	0.29	10	0.07	2940	6	0.02	13	780	247	0.11	6	8	41	<20
J998973		1	0.21	<10	0.34	1735	<1	0.01	5	280	9080	4.64	178	1	119	<20
J998974		<1	0.22	10	0.10	1045	<1	0.02	4	810	51	0.05	9	8	104	<20
J998975		<1	0.27	10	0.22	909	<1	0.02	5	710	117	0.05	3	8	63	<20
J998976		1	0.18	<10	0.05	2720	4	0.01	6	340	961	0.41	12	6	55	<20
J998977		<1	0.23	10	0.12	1505	1	0.02	6	740	183	0.08	2	8	52	<20
J998978		1	0.24	10	0.21	971	<1	0.02	3	800	35	0.03	<2	7	225	<20
J998979		1	0.26	10	0.05	3680	3	0.02	8	830	238	0.03	3	8	37	<20
J998980		2	0.20	10	0.14	6290	3	0.01	2	390	4280	4.12	91	3	28	<20
J998981		<1	0.17	20	0.05	1915	2	0.01	2	600	118	0.15	3	7	18	20
J998982		<1	0.24	20	0.37	1660	1	0.04	1	620	175	0.39	<2	6	39	20
J998983		<1	0.25	20	0.37	1020	1	0.05	<1	580	106	0.25	<2	7	34	20
J998984		<1	0.25	20	0.44	871	1	0.05	1	580	157	0.12	2	6	44	<20
J998985		<1	0.28	20	0.16	2140	1	0.01	1	590	611	0.38	7	5	21	<20
J998986		1	0.26	20	0.11	1675	1	0.01	1	590	333	0.14	2	7	22	<20
J998987		<1	0.22	20	0.44	1130	1	0.04	1	590	107	0.10	<2	6	37	<20
J998988		<1	0.24	20	0.44	1545	1	0.04	1	530	209	0.43	6	5	40	<20
J998989		<1	0.19	20	0.63	787	<1	0.03	1	640	34	0.03	<2	5	58	<20
J998990		<1	0.20	20	0.60	769	<1	0.05	1	610	36	0.05	<2	6	48	<20
J998991		<1	0.18	20	0.58	685	<1	0.06	<1	640	30	0.03	<2	7	38	<20
J998992		<1	0.25	20	0.15	1705	1	0.02	1	640	399	0.03	<2	7	47	<20
J998993		<1	0.19	20	0.62	688	<1	0.05	1	610	35	0.03	<2	6	45	<20
J998994		1	0.15	30	0.57	1275	3	0.03	1	600	26	0.07	<2	7	150	<20
J998995		1	0.12	20	0.68	749	2	0.03	1	610	28	0.02	<2	6	84	<20
J998996		<1	0.12	20	0.69	962	<1	0.02	<1	620	28	0.03	<2	6	76	<20

Comments: Gold assay on sample J998963 is reported by fire assay gravimetric method due to high silver content in sample that may cause incomplete gold dissolution in aqua- regia solution.

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

Finalized Date: 24- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10110679

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Ag- GRA21	Ag- OG46	Zn- OG46	Au- AA24	Au- GRA22
	Analyte	Ti	Tl	U	V	W	Zn	Pb	Ag	Ag	Zn	Au	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.001	5	1	0.001	0.005	0.05
J998961		<0.01	<10	<10	23	<10	871					0.041	
J998962		<0.01	<10	10	20	<10	1865	1.970				1.465	
J998963		<0.01	<10	10	38	<10	2110	11.90	2810	>1500			3.61
J998964		0.01	<10	<10	34	<10	495					0.026	
J998965		<0.01	<10	<10	23	<10	356					0.021	
J998966		<0.01	<10	<10	18	<10	408					0.087	
J998967		<0.01	<10	<10	22	<10	987					0.008	
J998968		<0.01	<10	<10	22	<10	302					0.008	
J998969		<0.01	<10	<10	16	<10	2740					0.553	
J998970		<0.01	<10	<10	7	<10	6570					2.17	
J998971		<0.01	<10	<10	21	<10	8290					1.550	
J998972		<0.01	<10	<10	36	<10	1880					0.743	
J998973		<0.01	<10	<10	3	<10	>10000				1.750	6.93	
J998974		<0.01	<10	<10	41	<10	591					0.026	
J998975		<0.01	<10	<10	44	<10	461					0.047	
J998976		<0.01	<10	<10	27	<10	1540					0.769	
J998977		<0.01	<10	<10	38	<10	936					0.236	
J998978		<0.01	<10	<10	35	<10	601					0.015	
J998979		<0.01	<10	<10	41	<10	6390					0.039	
J998980		<0.01	<10	<10	14	<10	>10000				3.17	3.76	
J998981		<0.01	<10	<10	28	<10	2400					0.035	
J998982		0.02	<10	<10	39	<10	506					0.027	
J998983		0.03	<10	<10	41	<10	592					0.027	
J998984		0.04	<10	<10	43	<10	599					0.038	
J998985		0.01	<10	<10	31	<10	1565					0.077	
J998986		0.01	<10	<10	35	<10	1180					0.042	
J998987		0.03	<10	<10	46	<10	496					0.026	
J998988		0.01	<10	<10	37	<10	2630					0.045	
J998989		0.03	<10	<10	52	<10	91					0.012	
J998990		0.03	<10	<10	50	<10	82					0.012	
J998991		0.03	<10	<10	53	<10	99					0.013	
J998992		<0.01	<10	<10	31	<10	728					0.029	
J998993		0.04	<10	<10	54	<10	93					0.025	
J998994		0.01	<10	<10	43	<10	126					0.022	
J998995		0.01	<10	<10	53	<10	127					0.029	
J998996		0.01	<10	<10	50	<10	201					0.031	

Comments: Gold assay on sample J998963 is reported by fire assay gravimetric method due to high silver content in sample that may cause incomplete gold dissolution in aqua- regia solution.

ALS Canada Ltd.

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

Finalized Date: 24- AUG- 2010
This copy reported on 2- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10110710

Project: Klaza

P.O. No.: Batch 55

This report is for 32 Rock samples submitted to our lab in Whitehorse, YT, Canada on 11- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER		

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 24- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10110710

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J998997		4.73	0.8	1.21	41	<10	490	0.6	<2	1.25	1.4	8	7	24	3.51	<10
J998998		0.12	7.1	0.54	458	<10	60	<0.5	<2	0.16	<0.5	8	28	52	3.42	<10
J998999		4.74	1.5	1.40	79	<10	610	0.5	<2	0.31	4.1	8	7	37	3.36	10
J999000		3.38	0.8	1.31	59	<10	300	<0.5	<2	0.37	3.7	7	7	16	3.10	10
J999001		5.72	2.1	0.97	213	<10	350	0.6	2	0.29	13.1	9	6	90	3.48	<10
J999002		2.74	5.3	1.25	1180	<10	390	0.5	4	0.23	11.8	5	7	219	4.23	<10
J999003		3.72	36.9	0.38	2250	<10	330	<0.5	87	0.05	5.9	1	3	52	2.32	<10
J999004		2.51	>100	0.23	>10000	<10	290	<0.5	286	0.07	6.9	<1	2	88	4.62	<10
J999005		3.55	>100	0.28	2640	<10	180	<0.5	57	0.04	1.1	1	2	33	3.21	<10
J999006		2.56	>100	0.19	4160	<10	210	<0.5	286	0.02	3.0	3	9	78	1.91	<10
J999007		3.85	34.7	0.51	2830	<10	290	<0.5	29	0.15	4.9	1	3	140	4.47	<10
J999008		5.96	2.7	0.80	419	<10	620	0.6	6	0.11	14.0	5	4	416	4.49	<10
J999009		3.13	13.1	0.42	297	<10	630	<0.5	50	0.08	8.2	2	3	94	4.12	<10
J999010		4.79	1.2	0.78	189	<10	1380	0.7	4	0.12	13.8	6	4	376	4.08	<10
J999011		3.02	20.7	0.39	99	<10	470	<0.5	31	0.06	0.5	2	2	22	1.07	<10
J999012		5.46	2.2	0.49	90	<10	930	0.7	3	0.60	6.2	9	2	86	3.84	<10
J999013		3.04	0.5	0.59	31	<10	1580	0.7	<2	2.26	1.9	6	3	68	2.16	<10
J999014		3.09	2.9	0.45	182	<10	920	0.6	2	0.63	6.3	5	2	247	3.08	<10
J999015		6.57	6.3	0.45	371	<10	290	<0.5	10	0.16	2.7	8	2	218	4.42	<10
J999016		3.46	7.2	0.18	175	<10	260	<0.5	13	0.04	<0.5	2	1	11	2.47	<10
J999017		2.72	6.0	0.48	449	<10	310	<0.5	7	0.07	1.5	2	2	156	5.04	<10
J999018		2.84	13.0	0.19	1250	<10	160	<0.5	2	0.07	0.8	3	17	39	3.22	<10
J999019		4.54	3.9	0.45	659	<10	590	<0.5	2	0.08	7.6	2	4	89	5.26	<10
J999020		5.15	16.6	0.29	1730	<10	270	<0.5	18	0.10	13.4	8	2	56	4.97	<10
J999021		4.11	1.5	0.80	402	<10	630	0.6	<2	0.34	15.6	12	4	64	3.73	<10
J999022		4.52	0.3	0.40	147	<10	640	0.5	<2	0.62	6.8	7	4	22	3.33	<10
J999023		4.61	0.4	0.67	85	<10	740	0.8	<2	0.41	3.6	10	4	18	3.93	<10
J999024		2.38	0.3	0.39	34	<10	310	0.6	<2	0.24	0.8	7	2	9	2.99	<10
J999025		4.94	0.4	1.18	49	<10	480	0.6	<2	0.34	4.6	7	5	9	2.68	<10
J999026		4.03	1.8	0.86	186	<10	370	0.7	<2	0.22	13.4	10	4	85	3.42	<10
J999027		5.25	3.7	0.95	422	<10	750	1.0	<2	0.20	31.4	14	5	133	5.08	<10
J999028		4.14	9.2	0.57	894	<10	520	0.6	2	0.17	17.8	8	5	170	4.63	<10

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10110710

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J998997		<1	0.18	30	0.49	1040	1	0.01	4	640	48	0.09	2	7	45	<20
J998998		2	0.35	10	0.08	163	5	0.01	14	490	11	2.13	28	2	9	<20
J998999		<1	0.21	30	0.58	1350	1	0.02	2	660	117	0.06	3	6	19	<20
J999000		<1	0.18	20	0.67	862	1	0.04	2	650	64	0.04	2	6	21	<20
J999001		<1	0.23	20	0.30	1410	1	0.03	2	650	152	0.03	5	7	20	<20
J999002		<1	0.24	10	0.39	387	1	0.03	1	650	414	0.10	10	6	41	<20
J999003		<1	0.35	20	0.02	76	3	<0.01	<1	210	2570	0.22	58	1	31	<20
J999004		<1	0.32	10	0.02	47	5	0.01	<1	290	>10000	0.65	302	2	15	<20
J999005		1	0.43	10	0.02	69	3	<0.01	<1	130	>10000	1.30	126	1	21	<20
J999006		<1	0.22	10	0.01	43	4	<0.01	<1	70	4380	0.58	194	1	9	<20
J999007		<1	0.54	20	0.03	96	3	0.01	<1	580	1140	0.74	47	6	148	<20
J999008		<1	0.28	20	0.03	338	2	0.01	1	800	156	0.14	12	7	48	20
J999009		<1	0.26	10	0.03	157	2	<0.01	<1	230	369	0.12	10	1	29	<20
J999010		1	0.22	20	0.03	1060	1	0.01	2	720	39	0.08	9	8	23	<20
J999011		<1	0.28	20	0.02	140	1	<0.01	<1	260	1330	0.12	38	1	20	<20
J999012		<1	0.27	20	0.05	2080	1	0.01	2	620	186	0.18	6	5	23	<20
J999013		<1	0.26	10	0.16	1080	1	0.01	2	850	32	0.09	3	4	49	<20
J999014		<1	0.23	10	0.05	728	2	0.01	1	780	275	0.18	12	3	32	<20
J999015		<1	0.32	10	0.04	1190	2	<0.01	<1	530	229	0.70	5	3	13	<20
J999016		<1	0.36	10	0.02	60	7	<0.01	<1	200	837	0.55	4	1	18	<20
J999017		<1	0.39	20	0.03	245	3	<0.01	<1	580	419	0.24	15	3	19	<20
J999018		<1	0.36	10	0.02	55	2	0.01	4	360	3340	0.58	17	1	38	<20
J999019		<1	0.32	20	0.02	426	8	<0.01	<1	590	570	0.19	14	3	16	<20
J999020		<1	0.25	10	0.03	947	7	0.01	<1	510	2870	0.54	20	2	37	<20
J999021		<1	0.27	20	0.12	3640	4	0.01	2	600	381	0.21	6	5	23	<20
J999022		<1	0.16	20	0.03	2140	4	0.01	1	620	25	0.11	3	5	19	<20
J999023		<1	0.30	20	0.05	1870	4	0.01	2	620	16	0.19	<2	5	18	<20
J999024		<1	0.17	20	0.04	1180	3	0.01	1	610	20	0.08	<2	4	11	<20
J999025		<1	0.21	20	0.32	552	1	0.04	1	640	33	0.01	<2	8	34	<20
J999026		<1	0.18	30	0.19	1840	2	0.01	2	560	100	0.01	11	7	14	20
J999027		<1	0.28	30	0.16	3470	2	0.01	3	700	572	0.07	15	8	19	<20
J999028		<1	0.21	20	0.12	1080	2	0.01	1	690	2520	0.24	20	7	22	<20

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C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10110710

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Au- AA24	Au- GRA22
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Pb	Au	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	10	1	10	2	1	0.001	0.005	0.05
J998997		0.01	<10	<10	43	<10	258			0.045	
J998998		0.01	<10	<10	20	<10	53			>10.0	15.00
J998999		0.01	<10	<10	45	<10	560			0.085	
J999000		0.01	<10	<10	47	<10	457			0.099	
J999001		0.01	<10	<10	40	<10	1170			0.078	
J999002		0.03	<10	<10	47	<10	735			0.159	
J999003		<0.01	<10	<10	7	<10	143			0.440	
J999004		<0.01	<10	<10	4	<10	134	231	1.145	3.86	
J999005		<0.01	<10	<10	4	<10	58	231	4.55	2.76	
J999006		<0.01	<10	<10	3	<10	40	116		2.48	
J999007		<0.01	<10	<10	12	<10	244			2.69	
J999008		<0.01	<10	<10	30	<10	766			0.099	
J999009		<0.01	<10	<10	7	<10	360			0.183	
J999010		<0.01	<10	<10	36	<10	1135			0.042	
J999011		<0.01	<10	<10	5	<10	72			0.238	
J999012		<0.01	<10	<10	19	<10	620			0.054	
J999013		<0.01	<10	<10	16	<10	215			0.010	
J999014		<0.01	<10	<10	13	<10	624			0.058	
J999015		<0.01	<10	<10	12	<10	410			0.111	
J999016		<0.01	<10	<10	3	<10	103			0.312	
J999017		<0.01	<10	<10	12	<10	774			0.103	
J999018		<0.01	<10	<10	7	<10	248			0.170	
J999019		<0.01	<10	<10	14	<10	1225			0.092	
J999020		<0.01	<10	<10	9	<10	1005			0.478	
J999021		<0.01	<10	<10	28	<10	1725			0.020	
J999022		<0.01	<10	<10	27	<10	895			0.010	
J999023		<0.01	<10	<10	28	<10	578			0.019	
J999024		<0.01	<10	<10	18	<10	175			0.012	
J999025		0.01	<10	<10	40	<10	378			0.020	
J999026		0.01	<10	<10	31	<10	1365			0.070	
J999027		0.01	<10	<10	38	<10	2300			0.109	
J999028		0.01	<10	<10	32	<10	1500			0.099	

ALS Canada Ltd.

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10112857

Project: Klaza

P.O. No.: Batch 56

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10112857

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J999029		3.27	1.8	1.20	267	<10	510	0.5	<2	0.26	9.6	6	5	57	3.29	<10
J999030		1.78	>100	0.31	9410	<10	240	<0.5	6	0.06	2.3	<1	<1	104	4.22	<10
J999031		3.04	4.5	0.57	886	<10	830	<0.5	3	0.13	9.5	3	10	68	3.71	<10
J999032		3.39	0.8	1.06	412	<10	370	0.7	<2	0.22	13.2	9	5	71	4.01	<10
J999033		2.46	0.9	1.10	411	<10	570	<0.5	<2	0.33	5.3	4	5	27	4.26	<10
J999034		1.21	6.9	0.31	614	<10	230	<0.5	7	0.07	3.2	1	14	25	2.97	<10
J999035		4.50	0.8	0.72	542	<10	270	0.9	<2	0.16	14.2	4	4	139	3.82	<10
J999036		3.33	4.3	0.70	2260	<10	670	0.7	<2	0.15	14.2	2	3	179	3.44	<10
J999037		2.36	>100	0.25	>10000	<10	120	<0.5	11	0.04	14.4	<1	9	277	2.12	<10
J999038		3.91	4.2	0.61	1250	<10	190	0.8	<2	0.13	17.0	5	1	297	4.74	<10
J999039		2.25	3.5	0.48	1320	<10	590	0.5	2	0.10	11.6	3	<1	163	5.13	<10
J999040		2.32	7.6	0.40	3290	<10	290	<0.5	2	0.15	7.0	1	9	183	5.23	<10
J999041		2.30	6.7	0.34	2480	<10	270	<0.5	2	0.15	5.5	2	<1	135	3.45	<10
J999042		5.27	15.4	0.33	3430	<10	440	<0.5	4	0.12	5.8	1	<1	206	2.85	<10
J999043		3.80	25.7	0.45	>10000	<10	860	<0.5	8	0.31	78.1	1	5	303	7.84	<10
J999044		4.27	1.6	0.49	994	<10	630	0.6	<2	0.17	16.5	3	1	240	3.43	<10
J999045		2.19	19.8	0.30	842	<10	740	<0.5	15	0.09	7.5	<1	<1	22	1.45	<10
J999046		1.67	16.7	0.27	625	<10	710	<0.5	10	0.07	3.2	<1	9	11	1.05	<10
J999047		3.06	6.8	0.42	1050	<10	550	0.6	4	0.12	30.1	5	<1	477	3.94	<10
J999048		4.63	3.1	0.90	865	<10	330	0.8	<2	0.17	19.9	9	2	623	4.24	<10
J999049		4.30	1.3	0.59	469	<10	250	<0.5	<2	0.15	15.1	6	12	227	4.12	<10
J999050		2.47	1.2	0.56	588	<10	320	0.7	<2	0.20	25.9	9	3	139	3.83	<10
J999051		3.46	1.6	0.69	400	<10	360	0.6	<2	0.22	18.3	9	3	91	3.60	<10
J999052		6.74	3.1	0.45	548	<10	860	0.6	6	0.17	21.0	6	9	130	4.92	<10
J999053		3.53	15.2	0.32	849	<10	960	<0.5	4	0.11	8.4	2	<1	67	3.80	<10
J999054		4.16	1.4	0.45	109	<10	360	0.5	<2	0.58	9.5	7	1	120	3.10	<10
J999055		3.95	2.3	0.55	98	<10	310	<0.5	2	0.41	6.2	7	11	79	4.40	<10
J999056		4.66	0.5	0.94	35	<10	350	<0.5	<2	0.63	1.3	6	5	39	3.00	<10
J999057		6.19	0.6	1.22	30	<10	360	<0.5	<2	0.55	1.2	7	5	65	3.14	<10
J999058		6.74	0.5	1.22	21	<10	290	<0.5	<2	0.70	2.7	7	13	48	2.95	10
J999059		3.65	0.6	0.85	19	<10	290	0.5	<2	0.28	0.5	9	5	114	2.82	<10
J999060		3.88	0.3	1.06	30	<10	300	<0.5	<2	0.37	0.8	6	17	33	2.47	<10
J999061		3.74	0.5	1.63	30	<10	430	0.7	<2	0.48	<0.5	8	24	47	3.15	10
J999062		4.74	0.3	1.19	16	<10	400	<0.5	<2	0.40	0.6	7	17	22	2.86	10
J999063		4.35	1.4	0.58	50	<10	680	0.6	<2	0.23	2.5	8	20	85	3.76	<10
J999064		4.08	0.6	0.54	43	<10	410	<0.5	<2	0.86	2.7	6	12	32	3.28	<10

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10112857

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J999029		<1	0.27	20	0.44	748	<1	0.04	<1	640	244	0.04	4	6	18	<20
J999030		2	0.26	10	0.02	90	6	0.01	<1	480	>10000	1.09	134	2	29	<20
J999031		1	0.22	20	0.12	382	3	0.02	<1	490	534	0.10	7	4	19	<20
J999032		1	0.15	20	0.35	923	<1	0.03	<1	650	72	0.02	5	8	16	<20
J999033		<1	0.18	10	0.40	318	<1	0.04	<1	690	151	0.03	2	5	28	<20
J999034		<1	0.20	20	0.02	93	2	0.01	<1	380	906	0.12	5	2	15	<20
J999035		1	0.18	20	0.08	825	<1	0.01	<1	690	296	0.02	3	8	9	<20
J999036		<1	0.20	20	0.05	125	1	0.01	<1	940	1755	0.16	9	10	33	20
J999037		1	0.17	10	0.01	37	22	0.01	<1	240	>10000	2.35	658	2	29	<20
J999038		<1	0.25	20	0.03	524	6	0.01	<1	800	894	0.15	11	7	35	<20
J999039		<1	0.22	20	0.02	333	2	0.01	<1	600	581	0.09	10	4	13	<20
J999040		<1	0.33	20	0.03	226	2	0.01	<1	550	633	0.44	22	3	29	<20
J999041		<1	0.45	10	0.03	304	6	0.01	<1	320	697	0.74	28	3	42	<20
J999042		1	0.34	10	0.02	186	4	<0.01	<1	380	4150	0.54	23	3	42	<20
J999043		<1	0.25	10	0.03	427	<1	0.01	<1	1080	4600	0.31	172	4	95	<20
J999044		<1	0.18	20	0.03	428	1	<0.01	<1	750	170	0.03	6	4	22	<20
J999045		<1	0.18	10	0.02	60	8	0.01	<1	400	2020	0.18	13	1	55	<20
J999046		<1	0.18	10	0.02	44	6	0.01	<1	330	2190	0.15	11	1	51	<20
J999047		1	0.23	20	0.02	936	2	0.01	<1	590	713	0.09	7	4	32	<20
J999048		<1	0.23	20	0.20	714	<1	0.01	<1	590	252	0.01	3	7	11	<20
J999049		<1	0.22	20	0.13	997	3	0.01	<1	560	80	0.02	2	6	12	<20
J999050		<1	0.15	20	0.08	2180	4	0.01	<1	680	90	0.01	5	8	11	<20
J999051		<1	0.16	20	0.16	2270	1	0.01	<1	660	172	<0.01	2	8	12	<20
J999052		<1	0.20	20	0.05	2020	1	0.01	<1	600	186	0.04	11	6	15	<20
J999053		<1	0.19	10	0.02	617	1	<0.01	<1	450	5190	0.12	21	2	26	<20
J999054		<1	0.21	20	0.08	2310	1	0.01	<1	600	351	0.23	5	5	17	<20
J999055		<1	0.21	20	0.15	2200	2	0.01	<1	610	213	0.14	3	5	13	<20
J999056		<1	0.19	20	0.46	1395	1	0.04	<1	610	52	0.18	<2	5	18	<20
J999057		<1	0.18	20	0.59	1565	<1	0.03	<1	630	59	0.26	<2	6	23	<20
J999058		<1	0.17	20	0.63	1370	<1	0.04	<1	610	31	0.20	<2	6	30	<20
J999059		<1	0.13	20	0.19	1130	3	0.02	<1	670	17	<0.01	<2	7	13	<20
J999060		<1	0.14	20	0.52	837	1	0.06	7	630	32	0.03	2	6	21	<20
J999061		<1	0.16	20	0.64	984	1	0.02	5	670	22	0.03	2	6	23	<20
J999062		<1	0.20	20	0.57	887	2	0.05	3	650	30	0.01	2	6	30	<20
J999063		<1	0.24	20	0.11	3100	2	0.01	3	610	254	0.27	4	4	15	<20
J999064		<1	0.21	20	0.17	2190	1	0.01	<1	620	84	0.39	<2	5	23	<20

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CERTIFICATE OF ANALYSIS WH10112857

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	10	1	10	2	1	0.001
J999029		0.06	<10	<10	47	<10	805		
J999030		<0.01	<10	<10	5	<10	449	166	4.14
J999031		0.01	<10	<10	24	<10	720		
J999032		0.02	<10	<10	46	<10	1050		
J999033		0.08	<10	<10	54	<10	585		
J999034		<0.01	<10	<10	9	<10	513		
J999035		0.01	<10	<10	38	<10	1090		
J999036		<0.01	<10	10	36	<10	483		
J999037		<0.01	<10	<10	3	<10	278	996	14.80
J999038		<0.01	<10	10	25	<10	1015		
J999039		<0.01	<10	<10	15	<10	1215		
J999040		<0.01	<10	<10	15	<10	842		
J999041		<0.01	<10	<10	9	<10	279		
J999042		<0.01	<10	<10	7	<10	331		
J999043		<0.01	<10	10	9	<10	1005		
J999044		<0.01	<10	10	17	<10	1480		
J999045		<0.01	<10	<10	5	<10	184		
J999046		<0.01	<10	<10	4	<10	113		
J999047		<0.01	<10	<10	14	<10	1480		
J999048		0.01	<10	10	30	<10	1645		
J999049		0.01	<10	<10	27	<10	1690		
J999050		0.01	<10	<10	40	<10	2040		
J999051		0.02	<10	<10	40	<10	1975		
J999052		<0.01	<10	<10	26	<10	1655		
J999053		<0.01	<10	<10	10	<10	1010		
J999054		<0.01	<10	<10	22	<10	967		
J999055		0.01	<10	<10	24	<10	799		
J999056		0.03	<10	<10	41	<10	165		
J999057		0.02	<10	<10	44	<10	165		
J999058		0.03	<10	<10	47	<10	463		
J999059		0.01	<10	<10	40	<10	122		
J999060		0.04	<10	<10	47	<10	112		
J999061		0.03	<10	<10	53	<10	304		
J999062		0.05	<10	<10	53	10	125		
J999063		<0.01	<10	<10	24	<10	367		
J999064		<0.01	<10	<10	27	<10	292		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10112859

Project: Klaza

P.O. No.: Batch 59

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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CERTIFICATE OF ANALYSIS WH10112859

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J999310		2.27	<0.2	1.27	21	<10	180	0.7	<2	1.92	1.2	6	3	4	2.61	<10
J999311		2.25	1.5	0.91	67	<10	300	0.5	<2	1.26	1.5	7	2	31	3.70	<10
J999312		4.43	<0.2	1.08	22	<10	200	0.7	<2	1.86	1.1	10	3	8	2.42	<10
J999313		2.38	0.3	0.34	14	<10	250	<0.5	<2	1.76	1.2	4	2	6	1.41	<10
J999314		1.69	4.2	1.44	58	<10	920	1.0	4	5.34	<0.5	18	54	51	4.26	<10
J999315		1.59	<0.2	2.48	9	<10	620	0.8	<2	4.05	<0.5	17	91	12	3.77	10
J999316		2.08	0.7	0.74	48	<10	270	0.6	<2	5.26	4.8	13	40	14	3.25	<10
J999317		2.04	0.3	2.02	16	<10	1090	0.5	<2	3.95	<0.5	16	98	59	3.64	<10
J999318		4.15	0.6	0.69	20	<10	400	0.5	2	2.94	1.2	6	10	39	2.26	<10
J999319		3.50	1.8	0.65	38	<10	260	0.5	2	2.21	2.9	5	9	125	2.13	<10
J999320		2.23	4.6	0.49	137	<10	80	0.6	5	1.19	11.4	7	16	82	4.93	<10
J999321		2.59	0.9	1.14	7	<10	240	0.6	<2	2.33	4.6	6	9	19	2.58	<10
J999322		3.00	0.7	0.68	13	<10	360	0.6	<2	2.64	4.7	5	10	16	2.68	<10
J999323		1.65	1.9	0.51	48	<10	320	0.5	2	2.86	5.6	11	9	73	2.38	<10
J999324		4.21	0.7	0.70	14	<10	490	0.6	<2	1.72	3.0	5	8	13	2.34	<10
J999325		7.61	<0.2	0.67	8	<10	610	0.8	<2	2.66	<0.5	4	5	7	2.02	<10
J999326		8.01	0.2	1.21	7	<10	500	<0.5	<2	1.78	<0.5	6	11	10	2.69	<10
J999327		4.21	0.4	0.88	15	<10	370	0.5	<2	1.67	<0.5	7	8	13	2.20	<10
J999328		5.50	<0.2	1.29	7	<10	240	<0.5	<2	1.30	<0.5	5	10	6	2.24	10
J999329		3.26	1.1	1.00	44	<10	620	0.6	2	0.56	0.5	6	9	13	2.77	<10
J999330		6.09	<0.2	1.39	12	<10	240	<0.5	2	0.84	<0.5	9	12	17	2.50	10
J999331		1.94	0.4	1.44	13	<10	220	0.5	<2	0.45	<0.5	6	12	54	2.96	10
J999332		3.88	1.4	1.20	119	<10	290	0.8	<2	0.43	0.7	8	9	59	2.86	<10
J999333		4.47	0.4	0.84	25	<10	290	0.5	<2	0.72	<0.5	5	6	9	1.72	<10
J999334		1.90	0.7	0.56	26	<10	440	<0.5	<2	0.82	<0.5	9	5	6	1.62	<10
J999335		3.49	0.2	1.11	14	<10	230	<0.5	2	1.11	<0.5	9	7	5	1.84	<10
J999336		4.10	<0.2	1.32	11	<10	250	<0.5	<2	1.41	<0.5	5	17	3	2.25	<10
J999337		3.24	0.2	1.27	7	<10	250	<0.5	<2	1.07	<0.5	7	10	4	2.34	<10
J999338		2.50	<0.2	1.60	12	<10	170	0.5	<2	0.52	<0.5	5	17	5	2.82	10
J999339		1.61	0.2	1.60	16	<10	210	<0.5	2	0.72	<0.5	5	10	10	2.83	10
J999340		3.92	0.4	1.05	32	<10	760	0.6	<2	0.38	<0.5	5	13	22	2.42	<10
J999341		3.20	0.4	0.88	30	<10	1360	0.8	<2	0.43	<0.5	6	11	17	3.19	<10
J999342		1.42	<0.2	0.96	17	<10	350	0.5	<2	0.65	<0.5	5	10	7	2.52	<10
J999343		2.85	0.8	0.85	33	<10	470	0.9	<2	0.45	1.6	7	19	15	3.16	<10
J999344		3.49	0.4	1.02	19	<10	1010	0.9	<2	0.62	<0.5	5	13	13	2.38	<10
J999345		2.12	1.4	1.21	73	<10	2790	1.1	<2	0.48	<0.5	7	24	169	3.58	<10

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

Finalized Date: 29- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10112859

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J999310		<1	0.16	30	0.37	688	<1	0.02	<1	640	72	0.08	<2	8	53	20
J999311		<1	0.20	20	0.31	1070	<1	0.03	<1	570	98	0.79	<2	6	43	<20
J999312		<1	0.19	30	0.20	568	1	0.01	<1	650	24	0.05	<2	8	33	20
J999313		<1	0.22	10	0.14	934	11	0.01	<1	520	50	0.25	<2	1	21	<20
J999314		<1	0.24	10	0.79	2070	1	0.05	51	580	24	0.24	<2	10	99	<20
J999315		<1	0.17	10	1.79	1325	<1	0.04	54	690	28	0.03	<2	10	92	<20
J999316		1	0.27	10	0.33	2020	2	0.01	37	690	215	0.09	2	4	64	<20
J999317		<1	0.21	10	2.04	1250	1	0.05	60	670	13	0.27	<2	9	182	<20
J999318		1	0.24	20	0.24	1500	2	0.02	24	610	47	0.36	<2	4	44	<20
J999319		<1	0.19	20	0.14	1230	2	0.02	15	580	143	0.18	4	5	45	20
J999320		1	0.29	10	0.06	2980	3	0.01	13	580	609	2.24	6	5	21	<20
J999321		<1	0.14	30	0.23	774	1	0.01	8	660	204	0.02	3	8	47	20
J999322		<1	0.26	20	0.18	1530	1	0.02	8	600	135	0.10	<2	7	70	<20
J999323		<1	0.23	20	0.36	2130	1	0.01	6	620	229	0.25	2	4	57	<20
J999324		1	0.20	30	0.12	1110	1	0.01	4	590	105	0.05	2	7	36	20
J999325		<1	0.25	20	0.21	682	<1	0.01	4	780	24	0.02	2	5	60	<20
J999326		<1	0.26	20	0.59	743	2	0.07	3	580	20	0.04	<2	6	57	<20
J999327		<1	0.23	20	0.27	769	3	0.03	3	570	30	0.18	<2	5	46	<20
J999328		<1	0.17	20	0.59	489	1	0.04	4	520	10	0.03	<2	5	39	20
J999329		<1	0.22	20	0.23	809	6	0.02	3	560	75	0.37	<2	6	20	<20
J999330		1	0.16	20	0.75	501	<1	0.06	3	610	16	0.07	<2	5	30	<20
J999331		<1	0.14	20	0.63	666	<1	0.04	4	620	18	0.03	<2	6	25	<20
J999332		1	0.17	20	0.31	1070	1	0.01	3	650	22	0.03	<2	8	14	<20
J999333		<1	0.23	20	0.15	737	2	0.01	3	630	23	0.06	<2	4	19	<20
J999334		<1	0.20	10	0.15	379	14	0.02	3	430	27	0.41	<2	2	32	<20
J999335		<1	0.19	20	0.56	440	1	0.03	3	590	12	0.08	<2	4	33	<20
J999336		<1	0.19	20	0.71	468	1	0.04	2	600	6	0.03	<2	5	33	<20
J999337		<1	0.18	20	0.69	403	<1	0.06	2	620	9	0.03	<2	5	29	<20
J999338		<1	0.11	20	0.79	455	<1	0.04	3	640	13	0.01	<2	6	28	<20
J999339		<1	0.17	30	0.81	605	1	0.03	2	630	8	0.01	<2	7	25	<20
J999340		1	0.22	30	0.16	607	1	<0.01	3	660	20	0.03	<2	7	14	<20
J999341		<1	0.24	30	0.12	1250	2	0.01	5	710	18	0.08	<2	7	33	20
J999342		<1	0.23	20	0.34	1120	1	0.02	3	670	21	0.08	2	6	24	<20
J999343		<1	0.24	30	0.11	2130	2	<0.01	4	590	182	0.03	2	8	15	<20
J999344		<1	0.21	30	0.16	582	1	0.01	7	810	13	0.02	<2	10	21	<20
J999345		1	0.23	20	0.17	938	2	0.01	10	940	15	0.09	4	14	41	<20

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10112859

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005
J999310		0.01	<10	<10	35	<10	126	0.007
J999311		0.01	<10	<10	34	<10	171	0.019
J999312		<0.01	<10	<10	32	<10	145	<0.005
J999313		<0.01	<10	<10	7	<10	140	0.010
J999314		0.01	<10	<10	57	<10	184	0.271
J999315		0.01	<10	<10	80	<10	90	<0.005
J999316		<0.01	<10	<10	33	<10	468	0.008
J999317		0.01	<10	<10	77	<10	86	0.009
J999318		<0.01	<10	<10	21	<10	173	0.008
J999319		<0.01	<10	<10	24	<10	317	0.008
J999320		<0.01	<10	<10	17	<10	801	0.124
J999321		<0.01	<10	<10	39	<10	352	0.009
J999322		<0.01	<10	<10	30	<10	435	0.006
J999323		<0.01	<10	<10	18	<10	469	0.018
J999324		<0.01	<10	<10	29	<10	280	0.005
J999325		<0.01	<10	<10	19	<10	61	<0.005
J999326		0.06	<10	<10	46	<10	64	<0.005
J999327		0.01	<10	<10	30	<10	55	0.006
J999328		0.03	<10	<10	39	<10	39	<0.005
J999329		0.01	<10	<10	28	<10	100	0.085
J999330		0.05	<10	<10	49	<10	68	<0.005
J999331		0.03	<10	<10	50	<10	53	<0.005
J999332		<0.01	<10	<10	34	<10	109	0.035
J999333		<0.01	<10	<10	20	<10	65	0.008
J999334		<0.01	<10	<10	15	<10	39	0.008
J999335		0.01	<10	<10	34	<10	42	<0.005
J999336		0.02	<10	<10	39	<10	38	<0.005
J999337		0.09	<10	<10	47	<10	33	<0.005
J999338		0.01	<10	<10	50	<10	43	<0.005
J999339		0.01	<10	<10	45	<10	44	<0.005
J999340		<0.01	<10	<10	28	<10	48	<0.005
J999341		<0.01	<10	<10	31	<10	55	0.011
J999342		0.01	<10	<10	35	<10	58	<0.005
J999343		<0.01	<10	<10	26	<10	241	0.014
J999344		<0.01	<10	<10	41	<10	46	<0.005
J999345		<0.01	<10	<10	58	<10	70	0.026

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10113240

Project: Klaza

P.O. No.: Batch 57

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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Project: Klaza

CERTIFICATE OF ANALYSIS WH10113240

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J999065		4.96	1.2	1.24	132	<10	390	<0.5	<2	0.40	1.4	6	16	49	3.57	10
J999066		4.81	0.4	1.18	14	<10	400	<0.5	<2	0.30	2.7	6	25	35	2.96	<10
J999067		2.60	0.7	1.01	19	<10	380	<0.5	2	0.46	3.3	8	14	68	3.17	<10
J999068		4.18	6.9	0.52	163	<10	750	<0.5	8	0.16	9.5	4	10	165	3.24	<10
J999069		5.39	6.3	0.49	113	<10	400	<0.5	7	0.27	6.4	4	24	253	3.28	<10
J999070		5.23	11.1	0.64	143	<10	190	<0.5	8	0.46	4.0	12	12	318	4.59	<10
J999250		1.24	0.2	1.31	12	<10	410	0.5	<2	0.80	2.3	9	12	13	2.90	<10
J999251		3.99	0.5	1.20	50	<10	440	0.8	<2	0.41	8.5	7	21	20	2.86	<10
J999252		3.47	>100	0.38	>10000	<10	60	0.7	5	0.25	67.5	11	26	217	8.26	<10
J999253		2.66	12.5	0.98	565	<10	480	0.7	<2	0.36	13.7	11	15	31	3.45	<10
J999254		3.39	4.5	1.02	211	<10	400	0.8	<2	0.34	5.7	9	18	22	2.97	10
J999255		2.68	12.6	0.72	235	<10	1370	0.8	<2	0.31	5.9	8	16	60	3.48	<10
J999256		3.24	1.5	1.30	66	<10	520	0.7	<2	0.55	1.7	8	13	14	3.29	<10
J999257		3.45	0.8	0.91	39	<10	470	0.5	<2	0.47	1.4	5	19	9	2.48	<10
J999258		2.07	0.4	0.75	25	<10	660	0.8	<2	0.33	1.7	6	6	8	2.17	<10
J999259		3.56	0.3	0.73	23	<10	350	0.6	<2	0.27	2.6	6	10	7	2.56	<10
J999260		3.85	0.4	0.76	33	<10	400	0.5	<2	0.67	3.4	8	23	14	2.77	<10
J999261		2.63	9.7	0.43	260	<10	670	0.6	3	0.20	21.7	9	29	51	5.20	<10
J999262		3.17	1.1	0.61	56	<10	640	0.7	<2	0.50	5.8	6	11	31	2.87	<10
J999263		6.89	0.4	0.62	24	<10	380	0.7	<2	0.49	3.8	5	18	22	2.63	<10
J999264		7.47	0.4	0.83	19	<10	380	0.7	<2	0.56	5.5	7	8	15	2.56	<10
J999265		3.28	13.7	0.68	43	<10	670	0.7	<2	0.43	26.9	7	11	41	2.69	<10
J999266		6.57	0.2	1.21	11	<10	400	0.6	<2	0.54	0.8	8	20	11	2.49	<10
J999267		6.37	0.2	0.71	17	<10	380	0.6	<2	0.43	<0.5	6	8	35	2.51	<10
J999268		3.61	0.2	0.59	13	<10	370	0.8	<2	1.46	<0.5	6	8	9	2.69	<10
J999269		6.50	<0.2	0.61	7	<10	550	0.7	<2	1.15	<0.5	6	17	6	2.55	<10
J999270		6.52	0.4	0.99	33	<10	480	0.7	<2	0.37	<0.5	8	9	27	2.55	<10
J999271		2.24	<0.2	1.37	5	<10	260	<0.5	<2	0.51	<0.5	7	10	6	2.74	10
J999272		3.66	<0.2	1.56	4	<10	270	0.7	<2	0.44	<0.5	7	17	18	2.82	<10
J999273		6.27	0.2	1.34	12	<10	360	0.5	<2	0.58	0.7	7	12	15	2.77	10
J999274		2.38	0.5	1.39	67	<10	340	0.7	<2	0.72	2.9	10	20	22	3.38	<10
J999275		2.75	1.0	1.73	112	<10	490	0.8	<2	0.81	4.7	8	38	25	3.64	<10
J999276		2.35	37.3	1.10	805	<10	600	0.7	<2	0.47	16.2	8	16	71	3.78	<10
J999277		3.16	0.3	1.43	22	<10	400	0.5	<2	1.03	1.5	5	17	6	2.29	<10
J999278		2.63	3.5	0.49	241	<10	570	0.7	2	0.20	8.0	8	29	66	4.81	<10
J999279		1.96	0.8	1.28	41	<10	400	0.7	<2	0.45	2.4	7	12	18	3.19	10

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CERTIFICATE OF ANALYSIS WH10113240

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J999065		<1	0.25	20	0.54	1100	2	0.04	5	660	70	0.06	<2	5	18	<20
J999066		<1	0.20	20	0.54	1220	1	0.04	4	630	62	0.08	<2	6	16	<20
J999067		1	0.23	20	0.44	1340	1	0.04	4	670	62	0.06	<2	5	17	<20
J999068		<1	0.26	20	0.12	1260	2	0.01	3	450	870	0.07	3	3	12	<20
J999069		<1	0.29	20	0.08	1280	2	0.01	3	510	893	0.14	7	4	12	<20
J999070		<1	0.25	20	0.20	1170	2	0.02	3	630	564	0.92	24	4	20	<20
J999250		<1	0.21	20	0.64	676	2	0.04	9	630	65	0.11	2	6	34	20
J999251		<1	0.19	30	0.42	1530	4	0.01	7	670	85	0.02	2	6	16	20
J999252		2	0.16	20	0.05	3300	16	<0.01	4	440	>10000	1.98	388	5	29	<20
J999253		<1	0.21	20	0.25	2170	4	0.01	6	680	2480	0.18	9	7	17	<20
J999254		<1	0.18	20	0.26	1010	2	0.01	4	640	799	0.06	4	8	18	<20
J999255		<1	0.18	30	0.13	3280	5	0.01	3	610	2840	0.12	10	9	29	<20
J999256		<1	0.19	30	0.42	730	1	0.06	3	770	143	0.06	3	8	50	20
J999257		<1	0.18	20	0.29	641	1	0.03	3	630	83	0.04	2	6	34	<20
J999258		<1	0.14	30	0.11	610	1	0.01	2	670	55	0.02	<2	10	13	20
J999259		<1	0.14	30	0.13	921	2	0.01	2	690	39	0.01	3	10	11	<20
J999260		<1	0.15	30	0.18	1190	2	0.01	3	670	50	0.07	2	10	20	20
J999261		<1	0.21	20	0.05	7610	10	<0.01	2	570	2830	0.26	8	5	22	<20
J999262		<1	0.18	20	0.06	1895	4	<0.01	2	680	178	0.11	4	8	15	20
J999263		<1	0.14	20	0.06	1070	2	0.01	3	700	43	0.03	3	8	14	20
J999264		<1	0.15	20	0.13	1010	1	0.02	1	690	102	0.05	2	8	17	<20
J999265		<1	0.19	20	0.10	1985	3	0.01	1	660	4930	0.21	8	7	16	<20
J999266		<1	0.16	20	0.45	518	1	0.04	2	630	55	0.03	2	6	37	<20
J999267		<1	0.17	30	0.14	690	1	<0.01	1	630	35	0.02	5	8	11	20
J999268		<1	0.19	30	0.07	775	2	0.01	2	620	22	0.02	2	8	15	<20
J999269		<1	0.16	30	0.08	622	1	0.01	1	660	13	0.03	2	9	22	20
J999270		<1	0.16	30	0.21	620	2	0.02	2	650	26	0.01	3	8	27	20
J999271		<1	0.13	20	0.70	531	<1	0.04	2	610	9	0.01	<2	5	41	20
J999272		<1	0.11	20	0.66	637	1	0.02	1	620	9	0.01	<2	6	35	20
J999273		<1	0.15	20	0.65	766	1	0.04	2	620	15	0.03	<2	5	43	20
J999274		<1	0.19	20	0.50	1190	3	0.02	5	740	35	0.04	2	7	26	<20
J999275		<1	0.17	20	0.66	1500	3	0.04	6	780	214	0.02	<2	9	63	<20
J999276		<1	0.18	20	0.30	2190	6	0.01	3	600	4170	0.31	15	5	37	<20
J999277		<1	0.24	20	0.59	624	9	0.10	6	750	49	0.02	<2	6	71	<20
J999278		<1	0.20	20	0.07	2460	35	0.01	2	540	554	0.14	4	6	15	<20
J999279		<1	0.17	20	0.41	964	8	0.02	3	620	127	0.03	2	6	32	<20

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

Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10113240

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Pb	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	10	10	1	10	2	1	0.001	0.005
J999065		0.05	<10	<10	47	<10	164			0.085
J999066		0.04	<10	<10	49	<10	266			0.011
J999067		0.04	<10	<10	48	<10	365			0.018
J999068		0.01	<10	<10	23	<10	941			0.241
J999069		<0.01	<10	<10	26	<10	597			0.514
J999070		0.01	<10	<10	30	<10	470			0.985
J999250		0.05	<10	<10	52	<10	229			0.006
J999251		0.02	<10	<10	40	<10	975			0.008
J999252		<0.01	<10	20	14	<10	3550	681	18.90	2.04
J999253		0.02	<10	<10	37	<10	1470			0.115
J999254		0.02	<10	<10	39	<10	826			0.032
J999255		0.01	<10	<10	32	<10	1140			0.057
J999256		0.05	<10	<10	56	<10	226			0.013
J999257		0.03	<10	<10	42	<10	170			0.007
J999258		<0.01	<10	<10	30	<10	247			0.011
J999259		0.02	<10	<10	44	<10	267			0.009
J999260		0.03	<10	<10	47	<10	355			0.078
J999261		<0.01	<10	<10	14	<10	2280			0.081
J999262		<0.01	<10	<10	28	<10	645			0.016
J999263		<0.01	<10	<10	31	<10	577			0.019
J999264		<0.01	<10	<10	33	<10	745			0.022
J999265		<0.01	<10	<10	27	<10	2960			0.014
J999266		0.05	<10	<10	44	<10	168			0.005
J999267		0.02	<10	<10	38	<10	55			<0.005
J999268		<0.01	<10	<10	31	<10	61			0.009
J999269		<0.01	<10	<10	38	<10	46			<0.005
J999270		0.01	<10	<10	36	<10	53			0.006
J999271		0.04	<10	<10	48	<10	44			<0.005
J999272		0.01	<10	<10	46	<10	45			<0.005
J999273		0.06	<10	<10	52	<10	85			<0.005
J999274		0.01	<10	<10	47	<10	307			0.009
J999275		0.04	<10	<10	62	<10	501			0.012
J999276		0.01	<10	<10	34	<10	1550			0.124
J999277		0.08	<10	<10	48	<10	147			<0.005
J999278		<0.01	<10	<10	24	<10	870			0.084
J999279		0.02	<10	<10	41	<10	255			0.013

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

Finalized Date: 30- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10113241

Project: Klaza

P.O. No.: Batch 61

This report is for 18 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10113241

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J999382		4.86	1.7	0.55	49	<10	680	0.8	<2	0.28	31.3	11	15	63	3.70	<10
J999383		4.67	0.4	0.61	17	<10	360	0.6	<2	0.77	12.6	9	8	10	2.79	<10
J999384		2.01	6.3	0.25	190	<10	30	0.5	9	5.25	14.6	17	25	60	8.37	<10
J999385		4.43	1.0	0.34	22	<10	640	<0.5	<2	1.34	10.2	3	8	16	2.64	<10
J999386		3.68	0.8	0.44	17	<10	500	0.5	<2	0.47	9.3	10	19	25	2.98	<10
J999387		4.07	5.7	0.33	114	<10	840	<0.5	3	0.23	11.3	7	21	54	5.55	<10
J999388		4.88	2.0	0.54	43	<10	340	0.5	<2	0.21	16.6	8	14	70	5.41	<10
J999389		4.92	0.6	0.88	12	<10	330	0.5	<2	0.66	5.4	5	10	21	3.00	<10
J999390		5.93	0.5	0.71	15	<10	500	<0.5	<2	0.96	3.7	7	14	94	2.19	<10
J999391		4.09	0.2	0.60	14	<10	510	0.5	<2	0.41	3.9	6	10	29	2.72	<10
J999392		5.67	0.3	0.91	12	<10	310	0.6	<2	1.15	3.2	4	8	13	2.43	<10
J999393		3.22	<0.2	0.95	13	<10	440	0.7	<2	1.31	2.2	3	13	10	2.51	<10
J999394		2.73	2.2	0.43	57	<10	1080	0.8	<2	0.80	17.5	6	13	28	3.03	<10
J999395		1.42	<0.2	0.05	<2	<10	30	<0.5	<2	19.9	<0.5	1	<1	6	0.45	<10
J999396		4.15	0.5	0.55	25	<10	1850	0.8	<2	1.67	3.6	5	11	12	2.32	<10
J999397		4.35	0.3	0.64	12	<10	1470	0.9	<2	2.90	2.1	6	6	4	1.87	<10
J999398		4.92	0.4	0.59	16	<10	900	1.1	<2	3.02	1.8	4	6	5	1.93	<10
J999399		0.15	9.2	0.32	510	<10	40	<0.5	<2	0.15	<0.5	8	29	51	3.49	<10

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Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10113241

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J999382		<1	0.25	30	0.09	3050	3	0.01	2	650	478	0.16	3	6	17	20
J999383		<1	0.22	30	0.07	1345	3	0.01	2	580	46	0.31	<2	5	14	20
J999384		<1	0.14	10	0.48	2950	7	0.01	2	240	416	2.77	8	2	100	<20
J999385		<1	0.23	20	0.04	1800	2	<0.01	1	590	538	0.31	<2	4	16	<20
J999386		<1	0.18	30	0.04	1455	2	<0.01	5	660	306	0.14	3	7	12	<20
J999387		1	0.20	30	0.03	896	8	<0.01	3	470	1380	0.18	5	4	11	<20
J999388		<1	0.22	30	0.07	1615	5	<0.01	4	670	644	0.11	3	5	12	<20
J999389		<1	0.18	30	0.33	979	2	0.03	1	610	328	0.03	2	7	22	<20
J999390		<1	0.17	30	0.24	772	2	0.02	3	580	33	0.07	5	6	27	<20
J999391		<1	0.18	30	0.08	1190	4	<0.01	8	560	34	0.06	2	6	13	20
J999392		<1	0.17	30	0.24	734	2	0.01	6	630	56	0.04	<2	7	26	20
J999393		<1	0.18	30	0.25	980	2	0.01	6	650	35	0.06	<2	7	35	<20
J999394		1	0.19	20	0.04	2640	5	<0.01	12	500	776	0.15	11	5	33	<20
J999395		<1	0.02	<10	12.30	213	<1	0.01	4	260	7	<0.01	<2	<1	52	<20
J999396		1	0.16	10	0.08	948	2	0.03	10	610	58	0.07	3	6	46	<20
J999397		<1	0.24	20	0.17	658	1	<0.01	3	790	25	0.05	<2	6	62	<20
J999398		<1	0.24	20	0.11	807	1	<0.01	3	830	35	0.02	<2	6	85	<20
J999399		3	0.18	10	0.07	139	6	<0.01	16	530	5	2.39	28	2	7	<20

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Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10113241

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA24	Au- GRA22
	Analyte	Ti	Tl	U	V	W	Zn	Au	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005	0.05
J999382		<0.01	<10	<10	24	<10	1690	0.026	
J999383		<0.01	<10	<10	19	<10	625	0.017	
J999384		<0.01	<10	<10	13	<10	937	0.360	
J999385		<0.01	<10	<10	15	<10	713	0.018	
J999386		<0.01	<10	<10	30	<10	671	0.009	
J999387		<0.01	<10	<10	17	<10	1190	2.06	
J999388		<0.01	<10	<10	27	<10	1310	0.131	
J999389		0.01	<10	<10	40	<10	461	0.009	
J999390		<0.01	<10	<10	29	<10	177	0.046	
J999391		<0.01	<10	<10	27	<10	261	0.008	
J999392		<0.01	<10	<10	31	<10	247	<0.005	
J999393		<0.01	<10	<10	31	<10	173	<0.005	
J999394		<0.01	<10	20	18	<10	1140	0.026	
J999395		<0.01	<10	<10	2	<10	33	<0.005	
J999396		<0.01	<10	<10	28	<10	353	0.007	
J999397		<0.01	<10	<10	23	<10	173	<0.005	
J999398		<0.01	<10	<10	25	<10	184	<0.005	
J999399		<0.01	10	<10	15	<10	51	>10.0	14.55

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Finalized Date: 30- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10113242

Project: Klaza

P.O. No.: Batch 60

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10113242

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J999346		8.02	<0.2	1.14	23	<10	240	<0.5	<2	0.59	<0.5	6	10	6	2.45	<10
J999347		5.48	<0.2	1.23	9	<10	230	<0.5	<2	0.50	0.6	7	13	10	2.66	10
J999348		4.56	2.0	1.66	17	<10	280	0.5	<2	0.61	1.1	6	24	302	3.44	10
J999349		4.04	0.3	1.89	30	<10	400	0.8	<2	0.60	<0.5	6	10	123	2.88	10
J999350		3.54	0.2	1.74	34	<10	540	0.9	<2	0.56	<0.5	8	9	26	3.21	10
J999351		2.53	28.0	0.73	118	<10	230	0.5	15	0.27	0.8	6	15	1010	3.88	<10
J999352		4.52	0.4	1.18	24	<10	400	<0.5	2	0.56	0.5	7	14	43	2.61	<10
J999353		5.34	0.4	0.93	183	<10	300	0.6	<2	0.66	1.5	5	7	45	2.48	<10
J999354		2.46	0.2	1.36	29	<10	260	0.8	<2	0.60	0.9	8	13	22	2.64	10
J999355		5.44	2.0	0.71	163	<10	320	0.9	<2	0.37	7.1	8	11	59	3.24	<10
J999356		4.90	0.5	1.13	270	<10	320	0.5	<2	0.42	4.6	6	9	21	2.78	<10
J999357		3.36	0.4	0.77	85	<10	420	0.7	<2	0.53	3.9	7	15	15	2.72	<10
J999358		5.78	0.5	0.66	40	<10	880	0.5	<2	1.56	1.4	5	11	16	3.01	<10
J999359		4.71	<0.2	0.80	16	<10	590	0.5	<2	1.18	0.5	5	9	10	2.57	<10
J999360		6.45	<0.2	0.58	13	<10	470	0.5	<2	1.32	0.5	5	14	11	2.61	<10
J999361		3.39	2.5	0.29	99	<10	470	<0.5	3	0.25	6.7	5	8	42	4.94	<10
J999362		4.43	<0.2	1.61	4	<10	250	1.0	<2	1.35	3.6	5	7	14	2.78	<10
J999363		2.67	>100	0.53	5270	<10	90	0.7	<2	0.22	48.5	8	28	112	4.78	<10
J999364		3.20	>100	0.39	7800	<10	120	0.8	<2	0.34	131.5	6	26	142	6.12	<10
J999365		4.64	56.3	0.32	2580	<10	50	<0.5	2	0.28	614	1	14	561	6.93	<10
J999366		4.34	16.4	0.29	2030	<10	160	<0.5	<2	0.15	28.6	<1	13	94	4.63	<10
J999367		5.53	19.8	0.23	1170	<10	670	<0.5	6	0.03	5.3	1	1	26	1.36	<10
J999368		5.13	11.5	0.30	1430	<10	360	<0.5	5	0.24	22.3	2	7	112	4.71	<10
J999369		5.45	0.7	0.64	209	<10	420	0.7	<2	0.57	13.5	9	18	46	2.83	<10
J999370		3.06	0.5	0.51	43	<10	520	0.6	<2	1.66	3.5	7	9	14	3.00	<10
J999371		2.39	1.4	0.42	104	<10	570	0.9	<2	1.48	3.1	7	19	13	4.29	<10
J999372		6.09	0.5	0.73	14	<10	420	<0.5	<2	0.63	2.5	6	16	10	2.81	<10
J999373		5.89	0.3	0.85	23	<10	1220	0.6	<2	0.62	3.1	7	9	11	2.69	<10
J999374		4.07	2.4	0.57	51	<10	340	<0.5	<2	1.55	5.6	5	9	43	2.29	<10
J999375		5.56	8.4	0.48	1030	<10	280	0.6	4	0.16	9.6	5	17	166	4.48	<10
J999376		3.24	0.5	0.61	154	<10	1380	0.5	<2	1.01	7.4	8	7	21	2.05	<10
J999377		7.25	0.3	0.80	39	<10	410	0.6	<2	1.16	4.5	7	18	18	3.11	<10
J999378		2.17	5.0	0.39	529	<10	400	0.5	4	0.15	26.9	6	35	56	6.70	<10
J999379		2.97	>100	0.46	421	<10	30	0.6	17	2.49	>1000	3	40	460	8.32	<10
J999380		3.39	5.8	0.57	290	<10	440	0.9	3	0.17	37.7	4	14	128	5.92	<10
J999381		6.84	0.9	0.68	61	<10	430	0.5	<2	0.69	18.3	7	17	36	3.20	<10

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

Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10113242

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J999346		<1	0.14	20	0.59	441	1	0.05	4	590	12	0.02	2	5	29	<20
J999347		<1	0.14	20	0.63	607	1	0.04	4	610	16	0.01	<2	6	24	<20
J999348		<1	0.22	30	0.71	2200	1	0.02	1	630	89	0.06	<2	5	23	20
J999349		<1	0.10	20	0.78	601	<1	0.01	1	620	12	<0.01	<2	7	65	20
J999350		<1	0.12	20	0.66	630	1	0.01	2	580	13	<0.01	2	5	58	<20
J999351		<1	0.21	20	0.16	728	3	0.01	<1	520	257	0.05	4	5	17	<20
J999352		<1	0.14	20	0.56	750	1	0.03	3	610	13	0.11	<2	6	27	20
J999353		<1	0.18	20	0.24	802	2	0.02	1	620	60	0.01	<2	6	24	20
J999354		<1	0.12	30	0.44	708	1	0.01	2	630	22	<0.01	<2	7	23	20
J999355		<1	0.20	30	0.10	1940	3	<0.01	2	610	639	0.04	2	7	16	20
J999356		<1	0.15	20	0.42	641	1	0.03	1	610	137	0.01	2	5	23	<20
J999357		<1	0.18	20	0.17	828	1	0.02	3	620	30	0.06	<2	6	27	20
J999358		<1	0.17	20	0.34	1610	1	0.03	2	640	26	0.23	<2	7	44	20
J999359		<1	0.14	20	0.39	826	1	0.04	1	610	13	0.05	<2	7	40	<20
J999360		<1	0.17	30	0.23	897	1	0.02	1	610	13	0.05	<2	7	35	20
J999361		<1	0.20	20	0.03	773	3	0.01	1	470	606	0.10	2	2	17	<20
J999362		<1	0.11	30	0.48	678	<1	0.01	1	550	21	0.01	<2	7	52	20
J999363		<1	0.15	20	0.10	5660	4	<0.01	1	460	>10000	1.40	92	4	21	<20
J999364		1	0.21	20	0.03	6640	2	<0.01	<1	490	>10000	1.88	71	4	18	<20
J999365		1	0.20	10	0.09	1955	3	0.01	<1	320	>10000	2.55	31	2	28	<20
J999366		1	0.52	10	0.02	78	5	0.02	<1	290	6150	0.97	16	2	18	<20
J999367		1	0.20	10	0.01	63	13	<0.01	<1	390	5020	0.27	18	1	32	<20
J999368		<1	0.30	20	0.02	595	4	<0.01	<1	430	1315	0.49	8	2	24	<20
J999369		<1	0.17	20	0.15	1910	1	0.01	3	590	169	0.07	3	7	19	20
J999370		<1	0.17	20	0.22	1455	1	0.03	2	620	50	0.30	2	7	39	<20
J999371		<1	0.22	20	0.09	4880	1	0.02	2	650	133	0.32	3	6	42	<20
J999372		<1	0.14	20	0.30	853	1	0.05	2	610	214	0.08	<2	8	26	<20
J999373		<1	0.15	20	0.34	761	1	0.04	2	640	101	0.03	<2	8	30	20
J999374		<1	0.19	20	0.19	1275	4	0.03	2	580	625	0.12	<2	5	34	<20
J999375		<1	0.26	20	0.03	1050	2	0.02	1	500	2220	0.32	6	5	22	<20
J999376		<1	0.18	20	0.16	1230	2	0.02	2	580	96	0.08	<2	5	29	20
J999377		<1	0.19	20	0.29	1225	2	0.03	4	620	147	0.04	<2	7	33	20
J999378		<1	0.27	20	0.03	6020	10	0.02	<1	530	1510	0.60	6	4	15	<20
J999379		2	0.23	10	0.85	9500	11	0.03	1	310	>10000	5.02	166	3	47	<20
J999380		<1	0.28	20	0.03	2330	6	0.02	1	650	2250	0.20	5	6	14	<20
J999381		<1	0.20	20	0.26	1015	1	0.04	1	660	294	0.08	2	7	24	20

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10113242

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOR	0.01	10	10	1	10	2	1	0.001	0.001	0.005
J999346		0.06	<10	<10	47	<10	47				0.006
J999347		0.04	<10	<10	48	<10	76				<0.005
J999348		0.01	<10	<10	39	<10	167				0.010
J999349		0.01	<10	<10	49	<10	56				<0.005
J999350		0.01	<10	<10	42	<10	46				0.012
J999351		<0.01	<10	<10	22	<10	163				0.322
J999352		0.02	<10	<10	42	<10	77				0.007
J999353		0.01	<10	<10	31	<10	246				0.012
J999354		<0.01	<10	<10	35	<10	176				0.006
J999355		<0.01	<10	<10	27	<10	1050				0.072
J999356		0.03	<10	<10	38	<10	358				0.052
J999357		0.01	<10	<10	32	<10	264				0.011
J999358		<0.01	<10	<10	34	<10	112				0.072
J999359		0.01	<10	<10	37	<10	60				0.008
J999360		<0.01	<10	<10	34	<10	81				<0.005
J999361		<0.01	<10	<10	12	<10	946				0.676
J999362		<0.01	<10	<10	36	<10	589				<0.005
J999363		<0.01	<10	<10	15	<10	3170	138		3.88	2.16
J999364		<0.01	<10	<10	8	<10	6230	90		2.42	4.08
J999365		<0.01	<10	<10	7	<10	>10000		2.93	1.040	2.48
J999366		<0.01	<10	<10	6	<10	1195				0.973
J999367		<0.01	<10	<10	5	<10	410				4.86
J999368		<0.01	<10	<10	10	<10	1110				3.20
J999369		0.01	<10	<10	29	<10	1310				0.067
J999370		0.01	<10	<10	32	<10	228				0.040
J999371		<0.01	<10	<10	19	<10	265				0.200
J999372		0.02	<10	<10	41	<10	205				0.007
J999373		0.02	<10	<10	43	<10	256				0.007
J999374		<0.01	<10	<10	28	<10	611				0.012
J999375		<0.01	<10	<10	22	<10	1250				0.102
J999376		<0.01	<10	<10	23	<10	492				0.012
J999377		0.01	<10	<10	34	<10	395				0.006
J999378		<0.01	<10	10	9	<10	2020				0.434
J999379		<0.01	<10	10	7	10	>10000	207	6.54	8.11	4.56
J999380		<0.01	<10	10	16	<10	4110				0.172
J999381		0.01	<10	<10	36	<10	1110				0.020

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10113320

Project: Klaza

P.O. No.: Batch 58

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Finalized Date: 30- AUG- 2010
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Project: Klaza

CERTIFICATE OF ANALYSIS WH10113320

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J999280		1.58	1.7	0.84	118	<10	510	0.9	<2	0.29	5.7	6	17	45	3.42	<10
J999281		1.61	<0.2	0.06	<2	<10	20	<0.5	2	21.1	<0.5	2	1	19	0.44	<10
J999282		13.23	0.5	1.31	20	<10	400	0.6	<2	0.71	1.9	7	14	19	2.59	<10
J999283		2.63	<0.2	1.38	12	<10	330	0.5	<2	0.65	0.7	10	12	20	2.50	<10
J999284		6.36	0.6	0.72	21	<10	780	0.6	<2	1.96	<0.5	8	9	19	2.49	<10
J999285		4.54	0.3	1.18	15	<10	370	0.7	<2	0.69	<0.5	7	9	32	2.61	<10
J999286		4.15	0.2	1.45	7	<10	630	0.6	<2	1.07	<0.5	6	14	23	2.75	<10
J999287		5.45	0.3	1.29	13	<10	520	0.8	<2	1.76	<0.5	7	9	21	2.82	<10
J999288		2.13	0.3	1.24	21	<10	600	0.6	<2	2.57	<0.5	6	14	17	2.96	<10
J999289		5.12	0.2	1.32	17	<10	500	0.8	<2	1.68	<0.5	7	10	9	2.75	<10
J999290		2.89	<0.2	1.68	38	<10	550	0.6	<2	1.04	<0.5	6	12	9	2.82	<10
J999291		2.62	1.1	1.32	83	<10	330	0.6	<2	0.67	3.3	7	8	58	2.52	<10
J999292		3.27	0.7	1.08	41	<10	790	0.7	<2	0.43	3.9	7	8	42	2.52	<10
J999293		1.42	0.4	1.44	30	<10	240	0.7	<2	0.36	4.8	7	9	48	2.50	10
J999294		2.00	>100	0.49	>10000	<10	30	0.6	2	0.81	414	9	17	2530	7.53	<10
J999295		1.53	0.7	1.10	117	<10	300	0.9	<2	0.37	15.8	5	6	37	2.26	10
J999296		3.94	8.6	1.55	343	<10	380	0.5	<2	1.23	10.1	9	18	65	3.19	10
J999297		4.48	0.9	1.53	59	<10	340	0.6	<2	0.41	1.4	8	10	37	2.92	<10
J999298		2.70	0.4	1.44	39	<10	280	<0.5	<2	0.99	1.0	7	13	16	2.77	10
J999299		2.93	0.5	1.59	21	<10	270	0.5	<2	1.97	0.6	7	11	11	2.80	10
J999300		7.49	0.9	0.92	46	<10	460	0.7	<2	2.04	2.9	4	9	29	2.64	<10
J999301		0.13	9.0	0.32	500	<10	40	<0.5	<2	0.15	<0.5	8	28	51	3.35	<10
J999302		2.16	18.7	0.53	859	<10	60	<0.5	<2	1.46	188.0	5	8	142	3.68	<10
J999303		2.34	5.6	0.67	222	<10	160	0.6	<2	2.48	35.9	5	14	41	4.05	<10
J999304		3.59	1.3	0.70	155	<10	1030	0.6	<2	2.88	5.6	4	4	31	2.95	<10
J999305		3.44	0.3	1.14	17	<10	500	0.7	<2	1.59	1.8	5	4	4	2.25	<10
J999306		4.35	0.6	1.24	51	<10	440	0.6	<2	1.60	2.0	6	6	18	3.01	<10
J999307		1.91	0.3	1.10	41	<10	440	0.5	<2	0.72	1.1	6	6	5	2.78	<10
J999308		2.71	24.7	0.62	382	<10	190	0.6	55	0.61	3.6	5	3	322	4.51	<10
J999309		2.34	22.3	0.57	109	<10	570	0.5	<2	1.11	14.9	3	3	359	5.48	<10
J999071		4.31	0.7	1.18	35	<10	810	0.8	<2	2.46	1.3	6	5	7	3.04	<10
J999072		4.79	2.6	0.83	301	<10	550	0.7	<2	2.63	11.3	6	4	18	3.31	<10
J999073		2.20	0.4	1.08	19	<10	400	0.5	<2	1.13	3.4	5	7	15	2.89	<10
J999074		1.73	2.3	0.58	115	<10	480	0.5	<2	1.06	11.3	8	4	39	4.44	<10
J999075		1.91	62.6	0.54	365	<10	190	0.6	<2	1.68	104.0	8	3	161	4.75	<10
J999076		3.97	1.4	0.81	60	<10	340	0.5	<2	0.71	13.7	10	5	25	2.24	<10

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North Vancouver BC V7H 0A7
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CERTIFICATE OF ANALYSIS WH10113320

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J999280		<1	0.28	20	0.09	1950	4	0.02	3	650	214	0.19	3	7	15	<20
J999281		<1	0.03	<10	13.00	205	<1	0.03	<1	460	4	<0.01	<2	<1	55	<20
J999282		<1	0.21	30	0.40	962	2	0.05	4	670	74	0.01	<2	7	39	20
J999283		<1	0.18	20	0.45	605	1	0.06	3	710	23	0.03	3	7	25	<20
J999284		<1	0.23	20	0.10	1160	4	0.02	1	630	14	0.07	2	7	30	<20
J999285		<1	0.20	30	0.21	740	2	0.02	2	650	14	<0.01	3	8	23	20
J999286		<1	0.28	20	0.50	661	1	0.08	1	630	9	0.01	<2	6	73	20
J999287		<1	0.27	30	0.26	835	1	0.04	2	620	12	0.02	2	9	48	20
J999288		<1	0.30	20	0.64	1165	1	0.09	2	590	11	0.10	2	5	71	20
J999289		<1	0.29	30	0.26	754	2	0.05	2	630	17	0.01	<2	9	59	<20
J999290		<1	0.21	20	0.58	746	1	0.07	2	620	8	<0.01	<2	6	93	<20
J999291		<1	0.22	20	0.25	765	1	0.04	3	650	78	0.11	3	7	21	20
J999292		<1	0.18	30	0.13	737	1	0.04	2	640	26	0.07	3	7	14	<20
J999293		<1	0.15	20	0.30	862	1	0.03	2	690	19	0.02	3	10	13	20
J999294		1	0.28	10	0.17	1935	2	0.02	2	370	>10000	7.6	346	3	38	<20
J999295		<1	0.27	30	0.10	880	2	0.03	3	730	142	0.03	3	11	13	20
J999296		<1	0.20	20	0.72	893	1	0.08	4	620	1650	0.24	7	7	50	<20
J999297		<1	0.20	30	0.51	839	1	0.02	1	650	163	0.05	<2	6	14	20
J999298		<1	0.20	20	0.67	617	<1	0.11	<1	590	89	0.01	<2	5	44	<20
J999299		<1	0.16	20	0.63	714	<1	0.06	2	590	37	<0.01	<2	7	64	<20
J999300		<1	0.27	20	0.13	1230	1	0.03	1	630	103	0.11	2	6	35	20
J999301		2	0.18	10	0.07	139	5	0.02	15	520	11	2.32	28	2	7	<20
J999302		1	0.28	10	0.10	1175	2	0.02	1	340	2510	1.32	8	3	81	<20
J999303		<1	0.31	10	0.07	2830	3	0.02	1	470	1675	0.83	6	5	47	<20
J999304		<1	0.27	20	0.07	1385	3	<0.01	5	550	273	0.26	<2	6	52	<20
J999305		1	0.18	30	0.16	619	1	<0.01	<1	630	50	0.03	<2	9	37	20
J999306		<1	0.24	20	0.35	901	2	0.03	<1	590	61	0.18	<2	7	52	<20
J999307		<1	0.25	20	0.29	749	1	0.05	<1	600	49	0.04	<2	7	33	20
J999308		1	0.28	20	0.05	1525	2	<0.01	<1	620	760	0.19	64	6	21	<20
J999309		1	0.34	10	0.05	8750	2	<0.01	<1	500	1280	0.33	23	4	47	<20
J999071		<1	0.28	20	0.22	1550	2	0.01	<1	600	45	0.07	<2	7	54	<20
J999072		<1	0.34	20	0.11	2230	2	0.01	<1	600	656	0.28	<2	7	49	<20
J999073		<1	0.28	20	0.33	1020	1	0.06	<1	580	25	0.09	<2	7	42	<20
J999074		<1	0.33	20	0.04	1820	4	<0.01	<1	560	188	0.35	4	5	16	<20
J999075		1	0.31	10	0.21	2970	4	<0.01	<1	480	>10000	1.34	17	4	26	<20
J999076		<1	0.30	20	0.11	1125	2	<0.01	<1	540	259	0.09	2	4	19	<20

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

Finalized Date: 30- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10113320

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46	Au- AA24	Au- GRA22
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb	Au	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
	LOR	0.01	10	10	1	10	2	1	0.001	0.001	0.005	0.05
J999280		<0.01	<10	<10	39	<10	747				0.025	
J999281		<0.01	<10	<10	6	<10	24				<0.005	
J999282		0.01	<10	<10	46	<10	170				<0.005	
J999283		0.03	<10	<10	50	<10	110				<0.005	
J999284		<0.01	<10	<10	29	<10	67				0.011	
J999285		<0.01	<10	<10	39	<10	52				<0.005	
J999286		0.07	<10	<10	54	<10	73				<0.005	
J999287		0.01	<10	<10	42	<10	50				<0.005	
J999288		0.06	<10	<10	48	<10	47				0.017	
J999289		0.01	<10	<10	44	<10	48				0.007	
J999290		0.07	<10	<10	53	<10	42				0.005	
J999291		<0.01	<10	<10	37	<10	281				0.009	
J999292		<0.01	<10	<10	37	<10	300				0.061	
J999293		<0.01	<10	<10	45	<10	518				0.007	
J999294		<0.01	<10	<10	13	20	>10000	461	2.12	10.30	1.665	
J999295		<0.01	<10	<10	41	<10	1930				0.567	
J999296		0.03	<10	<10	52	<10	633				0.044	
J999297		0.01	<10	<10	42	<10	176				0.005	
J999298		0.07	<10	<10	54	<10	97				<0.005	
J999299		0.03	<10	<10	54	<10	68				<0.005	
J999300		<0.01	<10	<10	26	<10	256				<0.005	
J999301		<0.01	<10	<10	15	<10	57				>10.0	14.35
J999302		<0.01	<10	<10	15	10	9930				0.303	
J999303		<0.01	<10	<10	18	<10	1810				0.151	
J999304		<0.01	<10	<10	25	<10	471				0.046	
J999305		<0.01	<10	<10	32	<10	130				0.008	
J999306		0.02	<10	<10	40	<10	167				0.014	
J999307		0.02	<10	<10	41	<10	126				0.006	
J999308		<0.01	<10	<10	23	<10	447				0.104	
J999309		<0.01	<10	<10	13	<10	1110				0.218	
J999071		0.01	<10	<10	33	<10	134				0.104	
J999072		<0.01	<10	<10	27	<10	855				0.101	
J999073		0.03	<10	<10	43	<10	253				0.006	
J999074		<0.01	<10	<10	23	<10	762				0.043	
J999075		<0.01	<10	<10	17	<10	5340			1.655	0.843	
J999076		<0.01	<10	<10	22	<10	898				0.018	

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

Finalized Date: 1- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10115271

Project: Klaza

P.O. No.: Batch 65

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
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Finalized Date: 1- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115271

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J999449		5.55	0.018	0.5	0.90	81	<10	760	0.6	<2	0.50	11.2	9	26	13	2.57
J999450		2.40	0.048	0.9	0.93	119	<10	1130	0.8	<2	0.50	11.2	13	9	28	2.81
J999451		4.66	0.008	0.4	1.09	37	<10	480	0.7	<2	0.29	7.5	13	21	13	2.48
J999452		1.92	0.010	0.3	1.32	70	<10	430	0.7	<2	0.32	6.0	22	10	15	3.23
J999453		3.69	0.119	2.1	0.74	308	<10	1300	1.0	<2	0.23	15.8	56	31	40	4.51
J999454		3.59	0.023	0.6	1.05	123	<10	640	0.9	<2	0.21	10.0	91	12	30	3.66
J999455		1.75	0.050	1.8	0.59	133	<10	370	0.6	<2	0.11	11.8	39	24	40	3.19
J999456		3.04	0.008	0.6	0.72	80	<10	940	1.1	<2	0.23	15.4	27	14	16	3.15
J999457		4.44	0.007	0.4	0.79	51	<10	1710	0.7	<2	0.21	7.1	15	22	18	2.54
J999458		5.05	0.009	0.5	1.46	19	<10	400	0.9	<2	0.38	9.1	9	11	15	3.49
J999459		5.11	<0.005	0.4	1.38	10	<10	290	0.6	<2	0.27	4.4	9	9	11	2.61
J999460		5.73	0.014	1.0	0.91	31	<10	1380	0.8	<2	0.24	9.4	11	21	21	3.07
J999461		4.01	1.225	9.4	0.46	1140	<10	480	<0.5	5	0.13	7.0	<1	4	40	3.31
J999462		4.87	0.650	2.7	0.76	1110	<10	1440	1.0	<2	0.23	19.8	8	21	56	4.10
J999463		2.49	0.016	0.6	1.18	102	<10	710	1.0	<2	0.27	11.1	10	26	41	3.20
J999464		4.16	2.54	4.6	0.52	1150	<10	150	<0.5	2	0.17	5.5	<1	10	25	5.42
J999465		3.68	0.065	0.7	0.82	283	<10	1190	0.8	<2	0.21	17.6	11	16	41	2.93
J999466		2.82	0.387	3.3	0.42	601	<10	360	<0.5	<2	0.16	12.9	1	1	51	5.39
J999467		4.26	0.338	5.6	0.71	666	<10	510	0.6	3	0.16	14.4	1	12	93	3.25
J999468		4.40	0.528	4.5	0.44	702	<10	700	0.6	2	0.10	23.0	6	2	186	3.47
J999469		6.30	9.99	>100	0.56	>10000	<10	970	<0.5	202	0.17	142.0	1	16	830	7.26
J999470		6.21	0.159	4.0	0.75	966	<10	950	1.0	<2	0.24	16.2	10	4	601	2.94
J999471		5.36	0.074	1.5	1.07	503	<10	790	0.9	<2	0.24	16.1	9	4	229	3.04
J999472		4.85	0.167	2.1	1.15	573	<10	2240	0.9	<2	0.28	23.7	8	15	124	2.85
J999473		4.03	0.062	1.1	0.89	253	<10	1590	0.7	<2	0.23	17.8	9	5	92	3.12
J999474		5.84	0.025	0.6	1.00	122	<10	1220	0.6	<2	0.25	14.6	9	4	44	2.52
J999475		6.42	0.044	1.9	0.86	182	<10	580	0.7	<2	0.24	10.1	6	5	76	2.97
J999476		3.12	0.254	3.2	0.43	466	<10	1130	<0.5	<2	0.08	24.5	1	21	23	2.56
J999686		6.37	0.009	1.3	1.59	43	<10	410	<0.5	<2	0.38	3.8	7	8	27	3.31
J999687		3.20	0.008	0.4	1.30	28	<10	450	<0.5	<2	0.37	4.7	7	8	25	3.03
J999688		6.03	0.027	1.7	0.86	77	<10	1140	0.7	<2	0.38	4.8	12	23	51	3.79
J999689		4.51	0.014	1.8	0.72	42	<10	650	0.5	2	0.75	8.4	18	4	57	3.19
J999690		5.23	0.010	0.7	1.14	18	<10	460	<0.5	<2	0.64	0.8	10	7	19	2.72
J999691		5.29	0.018	0.4	0.88	26	<10	360	0.5	<2	0.92	1.1	10	20	22	3.02
J999692		4.27	0.029	1.0	0.82	33	<10	660	0.5	<2	1.54	4.8	16	5	13	3.22
J999693		3.91	<0.005	<0.2	1.15	15	<10	320	<0.5	<2	0.46	2.7	7	7	16	2.62

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115271

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J999449		<10	<1	0.33	30	0.13	1070	2	0.03	6	630	58	0.09	<2	5	19
J999450		<10	1	0.36	30	0.07	1300	3	0.01	5	650	76	0.13	<2	5	22
J999451		<10	<1	0.26	30	0.11	928	1	0.02	3	640	45	0.03	2	6	17
J999452		<10	<1	0.24	20	0.31	841	1	0.05	3	650	45	0.01	<2	8	24
J999453		<10	<1	0.32	20	0.06	2690	4	0.01	5	620	483	0.06	6	7	24
J999454		<10	<1	0.25	20	0.06	1625	2	0.01	4	620	72	0.03	2	10	17
J999455		<10	<1	0.31	20	0.04	1870	3	0.01	3	380	462	0.07	6	3	27
J999456		<10	<1	0.29	20	0.03	2880	2	<0.01	4	590	125	0.03	2	8	19
J999457		<10	<1	0.24	20	0.08	1515	3	<0.01	2	570	108	0.05	3	7	24
J999458		<10	<1	0.19	20	0.36	1000	1	0.01	3	660	120	0.01	<2	8	16
J999459		10	<1	0.21	20	0.37	765	1	0.02	2	670	109	0.01	<2	8	12
J999460		<10	<1	0.22	20	0.10	1360	2	0.01	3	600	258	0.08	3	8	27
J999461		<10	<1	0.44	20	0.03	168	6	0.01	<1	230	1925	0.56	25	2	22
J999462		<10	<1	0.35	30	0.04	1380	2	0.01	6	580	761	0.19	9	7	26
J999463		<10	<1	0.28	20	0.18	1520	2	0.01	5	650	72	0.11	2	8	24
J999464		<10	<1	0.73	10	0.03	207	2	0.01	2	240	987	1.25	5	2	21
J999465		<10	<1	0.24	20	0.03	2890	2	<0.01	4	570	102	0.07	6	8	22
J999466		<10	<1	0.53	20	0.03	248	1	0.01	6	350	671	0.71	15	2	23
J999467		<10	<1	0.40	20	0.03	288	3	0.01	1	350	767	0.44	13	4	49
J999468		<10	<1	0.23	10	0.02	2930	9	0.02	1	200	653	0.33	36	3	30
J999469		<10	1	0.29	20	0.03	330	1	0.02	<1	290	>10000	0.32	95	4	84
J999470		<10	<1	0.23	20	0.03	1010	1	0.02	1	580	142	0.01	10	8	18
J999471		<10	<1	0.24	20	0.15	1350	1	0.02	2	600	140	<0.01	11	7	17
J999472		<10	1	0.24	20	0.18	1345	<1	0.04	2	600	145	0.03	10	7	35
J999473		<10	1	0.25	30	0.13	1910	1	0.04	1	580	285	0.03	8	7	23
J999474		<10	<1	0.24	20	0.24	1465	1	0.04	2	540	100	0.01	4	6	33
J999475		<10	1	0.25	20	0.16	1155	<1	0.03	2	580	662	<0.01	6	6	16
J999476		<10	<1	0.30	30	0.02	108	4	0.02	1	230	758	0.16	12	1	26
J999686		10	<1	0.28	20	0.67	1425	4	0.05	2	630	149	0.06	<2	5	22
J999687		<10	<1	0.27	20	0.51	1420	2	0.06	3	620	86	0.05	2	5	24
J999688		<10	<1	0.32	30	0.14	2370	4	0.03	2	630	164	0.06	4	6	21
J999689		<10	<1	0.35	20	0.13	2210	3	0.03	2	630	156	0.38	2	4	22
J999690		<10	<1	0.24	20	0.50	948	3	0.05	4	620	20	0.13	<2	5	30
J999691		<10	<1	0.27	20	0.27	1145	4	0.04	2	610	22	0.22	2	5	29
J999692		<10	<1	0.26	20	0.30	2050	3	0.04	2	550	212	0.30	<2	6	37
J999693		<10	<1	0.21	20	0.44	764	<1	0.07	2	590	14	<0.01	<2	5	26

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Finalized Date: 1- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115271

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
J999449		<20	<0.01	<10	<10	23	<10	642		
J999450		<20	<0.01	<10	<10	18	<10	978		
J999451		<20	<0.01	<10	<10	32	<10	708		
J999452		<20	0.01	<10	<10	42	<10	717		
J999453		<20	<0.01	<10	<10	22	<10	1405		
J999454		<20	<0.01	<10	<10	40	<10	985		
J999455		<20	<0.01	<10	<10	11	<10	1140		
J999456		<20	<0.01	<10	<10	29	<10	1355		
J999457		<20	<0.01	<10	<10	30	<10	818		
J999458		20	<0.01	<10	<10	40	<10	922		
J999459		20	0.01	<10	<10	42	<10	440		
J999460		<20	<0.01	<10	<10	38	<10	875		
J999461		<20	<0.01	<10	<10	8	<10	470		
J999462		<20	<0.01	<10	<10	22	<10	1230		
J999463		<20	0.01	<10	<10	36	<10	973		
J999464		<20	<0.01	<10	<10	9	<10	761		
J999465		<20	<0.01	<10	<10	34	<10	1495		
J999466		<20	<0.01	<10	<10	9	<10	927		
J999467		<20	<0.01	<10	10	11	<10	1115		
J999468		<20	<0.01	<10	10	10	<10	1860		
J999469		<20	<0.01	<10	10	17	<10	1855	137	1.110
J999470		<20	<0.01	<10	<10	31	<10	1880		
J999471		<20	<0.01	<10	<10	33	<10	1840		
J999472		<20	<0.01	<10	<10	29	<10	1885		
J999473		<20	<0.01	<10	<10	32	<10	2150		
J999474		<20	0.01	<10	<10	31	<10	1330		
J999475		<20	<0.01	<10	<10	33	<10	1200		
J999476		<20	<0.01	<10	<10	7	<10	507		
J999686		<20	0.04	<10	<10	51	<10	440		
J999687		<20	0.05	<10	<10	47	<10	376		
J999688		<20	<0.01	<10	<10	32	<10	616		
J999689		<20	<0.01	<10	<10	26	<10	924		
J999690		<20	0.03	<10	<10	42	<10	100		
J999691		<20	0.01	<10	<10	35	<10	122		
J999692		<20	0.01	<10	<10	34	<10	516		
J999693		<20	0.05	<10	<10	47	<10	221		

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

Finalized Date: 1- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10115272

Project: Klaza

P.O. No.: Batch 67

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 1- SEP- 2010
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Project: Klaza

CERTIFICATE OF ANALYSIS WH10115272

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
J999150		2.65	0.015		0.4	0.93	34	<10	380	0.5	<2	0.29	1.3	7	6	8
J999151		6.23	0.171		14.3	0.90	634	<10	640	0.6	2	0.26	6.1	9	6	162
J999152		5.20	0.005		0.2	1.26	23	<10	520	<0.5	<2	0.39	0.8	6	8	11
J999153		5.23	0.005		0.2	1.13	24	<10	450	<0.5	<2	0.40	0.8	6	7	11
J999154		1.95	0.039		2.1	0.80	1150	<10	500	0.5	<2	0.23	8.7	9	4	31
J999155		4.77	0.010		0.6	1.34	48	<10	380	<0.5	<2	0.39	1.4	7	8	16
J999156		2.21	0.062		4.2	0.79	368	<10	330	<0.5	2	0.17	6.4	5	5	141
J999157		1.68	0.013		1.2	1.15	68	<10	370	<0.5	<2	0.31	2.7	7	7	29
J999158		2.17	0.287		5.0	0.71	307	<10	500	0.5	4	0.21	12.7	7	5	181
J999159		1.68	0.008		0.5	0.92	58	<10	370	<0.5	<2	0.37	2.5	6	7	38
J999160		2.27	0.048		5.5	0.64	302	<10	640	0.6	<2	0.24	7.2	10	4	46
J999161		3.63	0.036		5.1	0.55	437	<10	400	0.7	<2	0.19	8.9	8	4	45
J999162		1.59	0.371		8.5	0.29	471	<10	220	<0.5	5	0.09	8.2	5	2	101
J999163		4.46	0.151		21.3	0.36	1375	<10	980	0.7	3	0.18	15.7	8	2	135
J999164		3.90	0.052		3.8	0.53	307	<10	600	0.7	<2	0.21	8.3	8	4	77
J999165		1.74	0.201		12.4	0.66	267	<10	340	0.5	<2	0.26	5.7	11	6	190
J999166		3.31	0.008		0.3	1.18	67	<10	300	0.5	<2	0.57	1.9	8	7	10
J999167		4.79	0.032		1.5	0.63	252	<10	640	0.8	<2	0.26	2.8	9	5	17
J999168		1.51	0.024		1.3	0.52	171	<10	580	0.6	<2	0.46	6.4	9	4	35
J999169		0.30	<0.005		<0.2	0.06	7	<10	20	<0.5	<2	20.8	<0.5	1	<1	<1
J999170		2.48	0.018		0.8	0.95	97	<10	580	0.6	<2	0.32	3.1	12	6	28
J999171		2.90	0.073		3.4	0.48	397	<10	550	0.6	3	0.18	4.5	13	4	103
J999172		6.30	0.140		5.2	0.34	2020	<10	1640	<0.5	4	0.12	9.8	18	2	42
J999173		4.17	0.037		1.4	0.50	357	<10	770	0.7	<2	0.21	7.5	9	4	15
J999174		3.24	0.336		19.7	0.30	1780	<10	620	<0.5	4	0.06	11.4	5	2	62
J999175		0.18	>10.0	15.20	8.3	0.31	485	<10	30	<0.5	<2	0.15	<0.5	8	27	48
J999176		7.27	0.009		0.3	1.30	34	<10	290	<0.5	<2	0.61	1.6	7	9	7
J999177		4.55	0.008		0.3	1.09	30	<10	310	<0.5	<2	0.55	2.8	6	9	8
J999178		5.85	0.014		0.7	0.89	65	<10	330	<0.5	<2	0.50	6.0	15	6	25
J999179		3.55	0.009		0.3	0.94	57	<10	500	<0.5	<2	0.33	6.6	16	5	4
J999180		3.89	0.017		0.6	0.71	139	<10	550	0.7	<2	0.26	7.1	10	5	6
J999181		8.75	0.032		1.1	0.64	182	<10	1730	1.0	<2	0.31	11.1	15	4	11
J999182		2.84	0.027		1.0	0.56	224	<10	1480	0.7	<2	0.25	13.0	27	5	18
J999183		0.87	0.042		1.5	0.82	293	<10	320	0.8	<2	0.33	12.7	11	5	16
J999184		2.82	0.011		0.3	0.86	104	<10	320	0.5	<2	0.32	6.2	7	6	10
J999185		4.37	0.008		0.3	1.08	87	<10	540	<0.5	<2	0.49	4.4	8	8	12

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115272

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
J999150		2.52	<10	<1	0.18	20	0.28	582	<1	0.03	3	600	17	<0.01	<2	7
J999151		3.89	<10	<1	0.17	30	0.26	3750	4	0.02	2	580	1265	0.09	14	6
J999152		2.67	<10	<1	0.23	20	0.53	680	<1	0.07	2	610	18	<0.01	2	5
J999153		2.27	<10	<1	0.20	20	0.53	431	<1	0.06	2	590	12	<0.01	<2	3
J999154		2.40	<10	<1	0.20	30	0.30	1495	2	0.02	2	530	585	<0.01	8	4
J999155		2.61	10	<1	0.18	20	0.61	736	<1	0.06	2	590	22	<0.01	<2	4
J999156		4.09	<10	<1	0.20	20	0.23	1655	1	0.02	2	550	732	0.10	6	5
J999157		2.85	<10	<1	0.19	20	0.52	1240	<1	0.04	3	590	57	<0.01	2	5
J999158		3.92	<10	<1	0.24	20	0.18	3440	<1	0.01	3	600	360	0.16	5	5
J999159		2.67	<10	<1	0.21	20	0.41	1105	<1	0.05	2	600	40	<0.01	<2	4
J999160		3.54	<10	<1	0.21	20	0.19	5660	2	0.02	2	590	339	<0.01	5	6
J999161		4.18	<10	<1	0.24	20	0.04	3580	2	0.01	1	600	448	<0.01	8	6
J999162		3.80	<10	1	0.21	20	0.02	2610	1	0.01	1	380	1095	0.03	17	3
J999163		5.30	<10	<1	0.20	20	0.03	5720	5	0.02	1	420	1385	0.03	31	5
J999164		4.03	<10	<1	0.25	20	0.06	4010	3	0.02	1	580	574	<0.01	7	7
J999165		3.62	<10	<1	0.22	20	0.23	2440	2	0.03	2	590	2190	0.02	15	5
J999166		2.54	<10	<1	0.21	20	0.46	1105	<1	0.06	3	570	68	<0.01	2	5
J999167		3.68	<10	<1	0.28	30	0.06	2940	4	0.01	4	630	128	0.02	4	7
J999168		3.04	<10	1	0.22	30	0.15	4850	3	0.02	4	610	380	0.06	2	6
J999169		0.40	<10	<1	0.02	<10	12.60	196	<1	0.02	3	440	5	<0.01	<2	<1
J999170		3.56	<10	1	0.26	30	0.30	2630	2	0.03	3	650	52	0.08	3	7
J999171		7.06	<10	<1	0.25	40	0.06	2510	3	0.01	3	680	305	0.07	9	7
J999172		6.05	<10	<1	0.26	20	0.03	2220	3	0.01	1	550	564	0.15	13	4
J999173		3.42	<10	<1	0.27	30	0.03	3470	3	0.01	3	610	111	0.02	7	6
J999174		6.88	<10	1	0.23	30	0.02	2480	4	0.01	2	470	1130	0.34	17	3
J999175		3.37	<10	2	0.18	10	0.06	131	6	0.01	15	520	5	2.19	30	2
J999176		2.76	10	1	0.16	20	0.69	786	1	0.06	3	630	19	0.01	<2	5
J999177		2.68	<10	<1	0.21	20	0.56	774	1	0.04	<1	590	19	0.01	2	5
J999178		2.86	<10	<1	0.22	20	0.36	1035	2	0.02	3	610	26	0.03	2	3
J999179		3.06	<10	<1	0.21	20	0.34	1010	3	0.02	3	630	18	0.08	2	4
J999180		3.17	<10	<1	0.23	30	0.06	865	7	0.03	2	650	38	0.01	<2	8
J999181		3.93	<10	1	0.19	40	0.06	1415	10	0.01	2	670	67	0.04	3	9
J999182		3.16	<10	<1	0.21	30	0.07	1575	5	0.02	4	650	81	0.05	6	7
J999183		3.06	<10	<1	0.22	30	0.08	1430	4	0.02	2	640	80	0.02	<2	9
J999184		2.90	10	<1	0.15	20	0.43	753	2	0.04	3	610	33	<0.01	<2	7
J999185		2.64	<10	<1	0.18	20	0.51	611	3	0.05	3	580	41	<0.01	<2	5

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

Finalized Date: 1- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115272

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
J999150		16	20	0.02	<10	<10	39	<10	240
J999151		19	<20	<0.01	<10	<10	30	<10	784
J999152		32	<20	0.10	<10	<10	55	<10	172
J999153		26	<20	0.11	<10	<10	50	<10	147
J999154		14	<20	0.01	<10	<10	23	<10	357
J999155		28	<20	0.09	<10	<10	53	<10	296
J999156		13	<20	0.01	<10	<10	32	<10	710
J999157		16	<20	0.05	<10	<10	47	<10	370
J999158		13	<20	<0.01	<10	<10	28	<10	828
J999159		18	<20	0.08	<10	<10	46	<10	280
J999160		54	<20	0.02	<10	<10	28	<10	758
J999161		23	<20	<0.01	<10	<10	27	<10	1090
J999162		16	<20	<0.01	<10	<10	8	<10	897
J999163		29	<20	<0.01	<10	<10	18	<10	1470
J999164		21	<20	<0.01	<10	<10	29	<10	1020
J999165		13	<20	0.03	<10	<10	34	<10	1410
J999166		26	<20	0.02	<10	<10	36	<10	301
J999167		21	<20	<0.01	<10	<10	30	<10	499
J999168		24	<20	0.01	<10	<10	30	<10	770
J999169		50	<20	<0.01	<10	10	<1	<10	16
J999170		21	<20	0.01	<10	<10	37	<10	447
J999171		16	<20	<0.01	<10	<10	35	<10	824
J999172		17	<20	<0.01	<10	<10	15	<10	1030
J999173		22	<20	<0.01	<10	<10	22	<10	835
J999174		23	<20	<0.01	10	<10	7	<10	1110
J999175		6	<20	<0.01	10	<10	14	<10	46
J999176		25	<20	0.09	<10	<10	51	<10	224
J999177		22	<20	0.05	<10	<10	42	<10	317
J999178		15	<20	0.01	<10	<10	28	<10	517
J999179		12	<20	<0.01	<10	<10	32	<10	753
J999180		13	<20	<0.01	<10	<10	33	<10	817
J999181		21	<20	<0.01	<10	<10	34	<10	1315
J999182		19	<20	<0.01	<10	<10	30	<10	1135
J999183		14	20	<0.01	<10	<10	30	<10	998
J999184		17	20	0.03	<10	<10	44	<10	722
J999185		22	<20	0.07	<10	<10	47	<10	431

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VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10115273

Project: Klaza

P.O. No.: Batch 62

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH10115273

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J999077		3.70	<0.005	<0.2	0.49	6	<10	590	0.9	<2	4.22	0.5	4	5	2	1.72
J999078		5.66	0.016	1.0	0.88	17	<10	960	0.7	<2	2.00	2.5	6	4	9	2.76
J999079		1.79	<0.005	<0.2	0.57	12	<10	360	0.6	<2	1.28	1.3	3	4	2	2.35
J999080		2.24	0.011	0.7	0.23	21	<10	460	<0.5	<2	0.71	1.1	23	6	3	1.30
J999081		2.18	0.007	0.6	0.21	16	<10	540	<0.5	<2	0.73	1.8	14	4	3	1.14
J999082		3.62	0.007	1.4	0.38	25	<10	620	<0.5	<2	1.34	12.1	10	4	6	2.42
J999083		4.13	0.019	1.8	0.27	32	<10	80	<0.5	<2	1.13	8.5	40	2	5	2.77
J999084		4.56	0.012	0.8	0.29	22	<10	940	<0.5	<2	0.77	4.8	7	3	7	1.58
J999085		3.40	0.010	0.6	0.30	18	<10	520	<0.5	<2	0.81	2.7	18	4	4	1.85
J999086		4.25	0.014	1.2	0.42	19	<10	710	<0.5	<2	0.41	11.6	7	4	26	1.81
J999087		4.83	0.018	1.6	0.31	15	<10	670	<0.5	<2	0.39	7.6	8	4	15	2.13
J999088		3.24	0.156	1.0	0.46	15	<10	560	0.6	<2	0.55	5.5	4	4	5	2.87
J999089		4.58	0.005	0.2	1.12	8	<10	270	0.7	<2	0.49	2.4	4	5	3	2.99
J999090		1.76	4.39	>100	0.35	5950	<10	30	0.6	35	0.19	158.5	1	2	1645	8.38
J999091		4.89	0.024	0.9	1.11	32	<10	350	0.7	<2	0.74	12.5	5	5	11	3.21
J999092		5.47	<0.005	0.5	0.64	14	<10	500	0.6	<2	0.86	8.5	3	4	4	2.68
J999093		4.77	0.017	2.4	0.89	38	<10	230	<0.5	<2	0.90	5.4	5	6	13	2.70
J999094		4.16	0.012	0.5	0.77	20	<10	380	0.5	<2	1.36	7.0	4	5	7	2.68
J999095		1.40	3.32	32.5	0.35	1050	<10	690	0.5	2	0.18	41.8	8	2	233	6.74
J999096		4.61	0.010	0.6	0.50	18	<10	890	0.5	<2	1.73	4.6	8	12	13	3.04
J999097		6.15	0.006	0.5	1.39	13	<10	380	0.6	<2	1.33	4.3	5	23	12	3.31
J999098		2.26	0.025	0.7	0.35	12	<10	1090	0.5	<2	1.95	3.7	1	2	5	1.84
J999099		7.10	0.014	0.9	0.51	14	<10	590	0.6	<2	1.24	7.7	3	4	7	2.99
J999400		3.18	0.082	4.0	0.55	34	<10	940	0.7	<2	0.99	26.5	6	4	40	4.25
J999401		4.76	0.011	0.3	1.24	6	<10	250	<0.5	<2	0.49	4.8	8	7	6	2.76
J999402		3.44	0.023	2.9	1.16	11	<10	360	0.5	<2	0.53	12.9	7	6	19	3.24
J999403		2.46	1.415	2.7	0.42	63	<10	1450	0.8	<2	1.53	17.9	6	3	11	2.82
J999404		2.93	0.069	1.7	0.52	21	<10	690	0.6	<2	1.29	17.1	6	4	19	3.40
J999405		3.58	0.080	3.6	0.37	118	<10	340	0.5	3	0.25	14.6	11	2	71	3.82
J999406		3.58	0.007	0.2	0.91	13	<10	620	0.7	<2	1.05	8.8	10	3	7	2.58
J999407		4.08	0.005	0.4	0.99	11	<10	450	0.6	<2	0.48	7.7	6	5	4	2.75
J999408		4.30	0.007	0.3	0.65	12	<10	470	0.6	<2	0.31	6.6	7	5	6	2.63
J999409		2.54	0.101	1.9	0.44	105	<10	790	0.6	<2	0.31	13.5	5	3	43	4.58
J999410		3.06	0.008	0.5	0.53	22	<10	560	0.5	<2	0.22	4.2	5	8	18	2.71
J999411		5.73	0.005	0.2	1.25	11	<10	300	0.8	<2	0.49	2.0	6	7	13	2.91
J999412		4.75	2.78	9.9	0.69	695	<10	620	0.5	7	0.33	15.3	4	8	147	4.09

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

Finalized Date: 31- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115273

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J999077		<10	<1	0.24	10	0.09	639	<1	0.02	3	720	14	0.01	<2	5	146
J999078		<10	<1	0.17	20	0.10	743	1	0.02	2	570	241	0.08	<2	7	83
J999079		<10	<1	0.17	20	0.05	787	1	0.02	1	580	17	0.08	<2	8	31
J999080		<10	<1	0.14	<10	0.02	671	28	0.01	2	310	70	0.39	2	1	17
J999081		<10	<1	0.11	<10	0.02	641	17	0.01	1	390	96	0.28	<2	1	24
J999082		<10	<1	0.24	10	0.06	2300	5	0.01	2	490	604	0.28	2	2	26
J999083		<10	<1	0.15	10	0.05	1580	9	0.01	2	460	369	0.91	2	2	22
J999084		<10	<1	0.15	10	0.06	1990	4	0.02	<1	530	194	0.24	2	2	19
J999085		<10	<1	0.19	10	0.04	1540	9	0.01	2	410	155	0.31	3	2	15
J999086		<10	<1	0.15	10	0.08	1210	5	0.02	2	470	326	0.17	3	3	14
J999087		<10	<1	0.17	20	0.04	1920	5	0.01	1	540	586	0.13	2	3	18
J999088		<10	<1	0.23	20	0.03	1715	3	0.02	1	520	471	0.18	3	6	16
J999089		<10	<1	0.13	30	0.32	621	1	0.02	2	620	23	0.02	<2	7	18
J999090		<10	1	0.18	10	0.05	1515	5	0.01	<1	360	>10000	2.36	371	4	37
J999091		<10	<1	0.19	20	0.27	1205	1	0.04	<1	610	377	0.06	2	6	16
J999092		<10	<1	0.17	20	0.13	834	1	0.01	1	580	196	0.03	2	5	23
J999093		10	<1	0.13	20	0.42	673	1	0.04	1	590	686	0.01	4	6	30
J999094		<10	<1	0.20	20	0.33	867	2	0.05	1	520	174	0.07	<2	5	35
J999095		<10	<1	0.21	10	0.03	838	1	0.02	<1	520	>10000	0.38	12	3	25
J999096		<10	<1	0.19	20	0.08	1095	3	0.02	4	600	80	0.09	3	5	42
J999097		<10	<1	0.25	30	0.57	1065	1	0.03	5	820	56	0.05	2	10	37
J999098		<10	<1	0.14	20	0.06	1760	7	0.02	1	530	221	0.02	<2	3	24
J999099		<10	<1	0.18	20	0.12	1450	7	0.02	1	570	406	0.07	<2	5	25
J999400		<10	<1	0.24	20	0.07	2030	2	0.02	<1	590	1935	0.27	2	7	24
J999401		10	<1	0.12	20	0.61	825	<1	0.03	2	600	145	0.01	<2	6	23
J999402		10	<1	0.17	20	0.58	1275	<1	0.03	2	600	1220	0.07	2	6	23
J999403		<10	<1	0.18	30	0.07	2090	2	0.02	2	580	114	0.12	2	7	39
J999404		<10	<1	0.25	20	0.20	1640	2	0.03	2	560	733	0.13	<2	5	31
J999405		<10	<1	0.18	10	0.03	1680	4	0.01	3	490	565	0.23	2	3	13
J999406		<10	<1	0.17	30	0.17	1030	2	0.02	2	640	65	0.05	2	6	32
J999407		<10	<1	0.19	30	0.21	775	2	0.03	2	610	94	0.01	2	7	21
J999408		<10	<1	0.16	30	0.18	995	1	0.03	2	580	116	0.02	2	7	17
J999409		<10	<1	0.19	30	0.06	3680	4	0.02	3	490	184	0.26	7	6	25
J999410		<10	<1	0.15	30	0.04	970	3	0.01	9	640	117	0.04	3	8	11
J999411		<10	<1	0.13	30	0.26	483	1	0.01	3	670	31	0.02	<2	9	20
J999412		<10	<1	0.26	30	0.15	727	7	0.01	36	490	1845	0.23	11	5	27

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115273

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
J999077		<20	<0.01	<10	<10	27	<10	66		
J999078		<20	<0.01	<10	<10	31	<10	326		
J999079		<20	<0.01	<10	<10	34	<10	76		
J999080		<20	<0.01	<10	<10	7	<10	85		
J999081		<20	<0.01	<10	<10	5	<10	182		
J999082		<20	<0.01	<10	<10	11	<10	934		
J999083		<20	<0.01	<10	<10	9	<10	745		
J999084		<20	<0.01	<10	<10	9	<10	334		
J999085		<20	<0.01	<10	<10	10	<10	258		
J999086		<20	<0.01	<10	<10	16	<10	933		
J999087		<20	<0.01	<10	<10	13	<10	644		
J999088		<20	<0.01	<10	<10	27	<10	657		
J999089		<20	<0.01	<10	<10	38	<10	333		
J999090		<20	<0.01	<10	10	10	<10	7660	537	18.00
J999091		<20	<0.01	<10	<10	35	<10	1580		
J999092		<20	<0.01	<10	<10	27	<10	742		
J999093		<20	0.01	<10	<10	40	<10	370		
J999094		<20	0.01	<10	<10	33	<10	477		
J999095		<20	<0.01	<10	<10	14	<10	3690		1.340
J999096		<20	<0.01	<10	<10	31	<10	281		
J999097		<20	0.01	<10	<10	59	<10	306		
J999098		<20	<0.01	<10	<10	18	<10	380		
J999099		<20	<0.01	<10	<10	24	<10	778		
J999400		<20	<0.01	<10	<10	31	<10	2150		
J999401		<20	0.03	<10	<10	47	<10	441		
J999402		<20	0.01	<10	<10	42	<10	1130		
J999403		<20	<0.01	<10	<10	27	<10	640		
J999404		<20	<0.01	<10	<10	26	<10	934		
J999405		<20	<0.01	<10	<10	22	<10	1295		
J999406		<20	<0.01	<10	<10	30	<10	600		
J999407		<20	<0.01	<10	<10	32	<10	515		
J999408		<20	<0.01	<10	<10	33	<10	453		
J999409		<20	<0.01	<10	<10	18	<10	832		
J999410		<20	<0.01	<10	<10	36	<10	443		
J999411		<20	0.01	<10	<10	39	<10	241		
J999412		<20	<0.01	<10	<10	23	<10	1285		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10115274

Project: Klaza

P.O. No.: Batch 69

This report is for 28 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: Klaza

CERTIFICATE OF ANALYSIS WH10115274

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J999119		6.59	0.009	0.5	1.11	33	<10	440	0.5	<2	0.35	<0.5	7	13	46	2.64
J999120		6.19	0.013	0.5	1.09	23	<10	440	0.6	3	0.36	<0.5	7	11	39	2.70
J999121		5.70	0.018	0.6	0.92	29	<10	460	0.8	2	0.46	<0.5	7	11	52	3.07
J999122		6.34	0.005	0.4	1.53	26	<10	340	0.6	<2	0.64	0.5	5	11	30	3.04
J999123		5.17	<0.005	0.2	1.57	35	<10	650	0.5	<2	0.48	0.5	5	13	22	3.15
J999124		4.10	0.005	0.3	1.54	23	<10	280	0.5	<2	0.43	0.5	5	13	29	3.19
J999125		5.06	<0.005	0.2	1.22	22	<10	320	0.5	<2	0.53	0.7	6	12	21	2.80
J999126		1.96	0.011	0.4	0.96	69	<10	760	0.6	<2	0.35	0.8	8	11	20	2.80
J999127		3.46	0.008	0.3	1.42	42	<10	360	0.5	2	0.44	0.6	9	13	25	2.95
J999128		4.24	0.013	0.8	0.69	106	<10	730	0.6	<2	0.32	2.3	7	11	59	3.09
J999129		2.77	0.006	0.4	1.14	25	<10	340	<0.5	<2	0.60	0.8	7	13	18	2.68
J999130		7.18	0.010	1.0	0.50	61	<10	950	0.6	<2	0.88	4.0	4	11	25	3.04
J999131		5.30	0.007	0.5	0.38	35	<10	1190	0.7	<2	0.38	3.5	15	14	8	3.58
J999132		3.94	0.005	0.4	0.64	26	<10	660	0.6	<2	0.25	1.9	7	9	16	2.92
J999133		3.11	0.008	0.3	0.57	43	<10	1840	0.7	<2	0.23	2.5	7	10	18	3.33
J999134		6.99	0.008	0.2	0.59	26	<10	860	0.7	<2	0.36	1.5	9	12	16	3.31
J999135		4.54	0.081	1.2	0.58	20	<10	790	0.6	<2	0.77	7.9	6	10	12	2.84
J999136		2.13	0.006	0.9	0.67	53	<10	1130	0.8	<2	0.39	4.9	5	9	182	2.77
J999137		2.40	0.011	1.5	0.63	944	<10	360	0.7	2	0.31	2.2	4	8	1140	5.17
J999138		3.66	0.084	11.3	0.30	337	<10	250	<0.5	26	0.15	1.0	1	5	269	3.61
J999139		3.69	0.078	1.6	1.14	87	<10	440	1.1	2	0.27	12.4	19	16	696	3.84
J999140		4.15	0.072	9.6	0.40	516	<10	180	<0.5	17	0.21	4.9	1	10	257	6.62
J999141		2.72	0.018	2.4	0.79	264	<10	310	<0.5	3	0.33	5.0	5	12	328	4.53
J999142		4.92	0.023	1.6	1.09	71	<10	390	0.5	3	0.39	3.7	14	16	132	3.19
J999143		3.04	0.016	1.5	0.48	101	<10	510	0.7	<2	0.27	7.5	8	14	39	3.20
J999144		6.89	0.008	0.4	1.16	23	<10	320	<0.5	<2	0.60	1.2	6	15	21	2.67
J999145		5.48	<0.005	0.2	1.22	13	<10	330	<0.5	<2	0.42	<0.5	7	14	12	2.58
J999146		6.79	<0.005	0.2	1.27	11	<10	310	<0.5	<2	0.77	<0.5	6	13	12	2.58

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CERTIFICATE OF ANALYSIS WH10115274

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J999119		10	<1	0.19	30	0.42	558	3	0.04	29	590	68	0.03	<2	6	17
J999120		10	<1	0.17	20	0.39	666	4	0.02	18	630	35	0.02	3	7	18
J999121		<10	<1	0.20	30	0.21	801	5	0.01	13	650	30	0.04	3	8	15
J999122		10	<1	0.19	30	0.63	855	1	0.03	9	680	25	0.08	<2	6	23
J999123		10	<1	0.16	30	0.72	729	1	0.03	7	710	18	0.02	<2	6	26
J999124		10	<1	0.20	30	0.62	911	1	0.04	6	680	11	0.03	<2	6	18
J999125		<10	<1	0.17	20	0.49	657	<1	0.05	4	670	11	0.03	<2	7	24
J999126		<10	<1	0.20	30	0.28	905	1	0.03	5	680	22	0.03	<2	7	16
J999127		10	<1	0.20	30	0.65	761	1	0.05	4	650	16	0.04	<2	6	23
J999128		<10	<1	0.22	30	0.10	1705	2	0.02	7	670	23	0.07	<2	6	14
J999129		10	<1	0.17	20	0.57	664	1	0.06	6	630	17	0.03	<2	5	26
J999130		<10	<1	0.24	20	0.07	2060	2	0.02	5	610	204	0.20	<2	4	19
J999131		<10	<1	0.21	20	0.05	2280	2	0.01	4	590	49	0.20	<2	3	19
J999132		<10	<1	0.15	30	0.09	900	1	<0.01	2	680	24	0.03	<2	8	10
J999133		<10	<1	0.18	30	0.05	1390	3	<0.01	3	610	18	0.09	<2	6	16
J999134		<10	<1	0.15	30	0.11	1260	2	0.01	3	670	21	0.06	<2	7	12
J999135		<10	<1	0.13	20	0.10	1190	1	0.01	4	740	196	0.05	<2	6	30
J999136		<10	<1	0.21	20	0.04	870	4	0.01	3	840	177	0.04	<2	5	30
J999137		<10	<1	0.40	10	0.04	252	2	0.01	3	690	49	0.61	14	4	57
J999138		<10	<1	0.46	10	0.02	111	1	0.01	<1	260	266	0.79	10	2	26
J999139		<10	<1	0.25	20	0.23	2360	2	0.02	4	670	203	0.13	6	6	16
J999140		<10	<1	0.64	10	0.04	154	3	0.02	<1	570	522	1.20	8	3	37
J999141		<10	<1	0.39	20	0.19	539	2	0.04	2	600	85	0.71	4	5	37
J999142		<10	<1	0.19	20	0.45	985	1	0.04	4	620	87	0.08	2	6	21
J999143		<10	<1	0.19	20	0.07	1815	1	0.02	4	630	112	0.25	<2	9	14
J999144		<10	<1	0.17	20	0.56	703	1	0.05	3	620	35	0.07	<2	5	25
J999145		<10	<1	0.17	20	0.57	611	1	0.06	4	630	16	0.02	<2	5	23
J999146		<10	<1	0.16	20	0.62	621	<1	0.05	2	610	10	0.03	<2	4	30

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

Finalized Date: 29- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115274

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
J999119		20	0.04	<10	<10	44	<10	93
J999120		20	0.02	<10	<10	41	<10	95
J999121		<20	0.01	<10	<10	41	<10	94
J999122		<20	0.01	<10	<10	42	<10	87
J999123		<20	0.03	<10	<10	50	<10	115
J999124		<20	0.01	<10	<10	47	<10	123
J999125		<20	0.02	<10	<10	45	<10	118
J999126		<20	0.02	<10	<10	41	<10	159
J999127		<20	0.02	<10	<10	45	<10	137
J999128		20	<0.01	<10	<10	29	<10	283
J999129		<20	0.07	<10	<10	53	<10	115
J999130		<20	<0.01	<10	<10	21	<10	543
J999131		<20	<0.01	<10	<10	17	<10	351
J999132		<20	<0.01	<10	<10	38	<10	184
J999133		<20	<0.01	<10	<10	30	<10	275
J999134		20	<0.01	<10	<10	39	<10	167
J999135		<20	<0.01	<10	<10	32	<10	464
J999136		<20	<0.01	<10	<10	30	<10	642
J999137		<20	<0.01	<10	20	22	<10	849
J999138		<20	<0.01	<10	<10	12	<10	231
J999139		<20	0.01	<10	20	29	<10	1345
J999140		<20	<0.01	<10	10	16	<10	428
J999141		20	0.01	<10	<10	35	<10	486
J999142		20	0.02	<10	<10	44	<10	318
J999143		<20	<0.01	<10	<10	39	<10	549
J999144		<20	0.05	<10	<10	46	<10	134
J999145		<20	0.03	<10	<10	44	<10	69
J999146		<20	0.03	<10	<10	41	<10	55

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

Finalized Date: 1- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10115275

Project: Klaza

P.O. No.: Batch 64

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 1- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115275

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
J999650		4.09	0.016		1.1	1.12	98	<10	500	0.5	<2	0.22	6.7	11	6	41
J999651		6.30	0.027		3.3	0.61	294	<10	1100	0.7	2	0.18	14.4	5	5	129
J999652		5.63	0.015		1.2	0.95	173	<10	390	0.7	<2	0.22	8.6	4	19	112
J999653		4.02	0.026		0.8	1.48	789	<10	400	0.7	<2	0.26	29.3	6	7	42
J999654		4.18	0.019		1.6	0.73	835	<10	600	0.7	<2	0.17	28.4	5	4	26
J999655		3.49	0.166		6.7	0.59	2980	<10	330	0.8	<2	0.21	123.0	6	18	31
J999656		5.54	0.015		0.5	1.29	267	<10	390	0.6	<2	0.26	14.5	5	6	10
J999657		5.76	0.031		0.6	1.20	269	<10	470	0.6	<2	0.30	13.5	5	6	15
J999658		4.86	0.015		0.5	1.15	358	<10	370	0.7	<2	0.21	16.9	5	20	22
J999659		5.27	0.015		0.7	1.57	206	<10	480	0.8	2	0.34	12.5	8	7	14
J999660		3.95	0.024		0.4	1.80	95	<10	340	0.5	<2	0.30	10.8	9	8	9
J999661		5.09	0.014		0.5	1.91	193	<10	280	0.7	<2	0.36	11.3	11	18	12
J999662		6.03	0.022		1.3	1.94	375	<10	250	0.8	<2	0.32	11.6	7	6	29
J999663		6.58	0.013		1.8	1.31	255	<10	460	0.6	<2	0.28	13.3	8	6	18
J999664		0.59	>10.0	15.35	10.5	0.32	489	<10	30	<0.5	<2	0.15	<0.5	8	27	49
J999665		5.04	0.027		1.4	0.94	334	<10	500	0.6	<2	0.23	19.9	9	18	16
J999666		3.76	0.011		0.7	1.12	242	<10	470	0.7	<2	0.28	16.5	10	7	16
J999667		6.81	0.008		0.9	1.56	155	<10	560	0.6	<2	0.26	10.3	8	7	16
J999668		4.00	0.011		0.4	1.90	165	<10	730	0.7	2	0.39	10.0	11	15	10
J999669		7.04	0.014		2.4	1.46	255	<10	590	0.6	2	0.29	9.1	8	7	20
J999670		2.42	0.176		7.7	0.51	1760	<10	390	<0.5	3	0.09	1.2	<1	2	13
J999671		1.14	<0.005		<0.2	0.07	11	<10	20	<0.5	<2	19.3	<0.5	<1	1	<1
J999672		3.40	0.017		1.3	0.81	176	<10	670	0.6	2	0.10	5.9	2	4	66
J999673		5.54	0.027		2.1	0.66	212	<10	490	0.6	2	0.09	11.4	4	4	159
J999674		4.11	0.026		1.1	0.89	397	<10	980	0.9	2	0.17	38.3	8	4	71
J999675		2.90	0.285		8.5	0.53	1740	<10	600	<0.5	3	0.08	6.0	1	5	34
J999676		5.22	0.268		4.0	0.48	688	<10	360	<0.5	4	0.08	8.1	3	21	117
J999677		2.78	0.086		3.2	0.97	202	<10	440	0.6	2	0.21	16.6	9	7	92
J999678		5.43	0.060		3.7	0.81	326	<10	460	0.5	4	0.15	13.5	9	5	76
J999679		2.82	0.182		9.1	0.39	861	<10	40	<0.5	235	0.03	<0.5	<1	28	21
J999680		2.60	0.475		34.3	0.42	5700	<10	150	<0.5	113	0.10	3.8	<1	2	41
J999681		2.35	0.015		2.7	0.67	2150	<10	100	<0.5	6	0.23	3.8	1	2	152
J999682		5.96	0.026		3.0	0.63	339	<10	450	0.6	4	0.15	14.4	5	21	52
J999683		4.60	0.018		2.2	1.02	81	<10	380	0.6	4	0.29	7.6	10	6	32
J999684		2.79	0.030		1.8	1.18	103	<10	340	0.6	2	0.25	5.7	10	5	27
J999685		5.96	0.011		0.4	1.56	49	<10	670	<0.5	2	0.38	1.8	6	24	22

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115275

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
J999650		3.48	10	<1	0.22	20	0.22	1350	3	0.02	4	680	64	0.01	<2	6
J999651		4.09	<10	<1	0.28	20	0.03	1145	4	0.01	3	550	253	0.02	10	8
J999652		3.69	<10	<1	0.24	20	0.11	426	4	0.01	3	630	55	<0.01	8	9
J999653		4.60	<10	<1	0.25	30	0.25	454	4	0.01	3	620	153	<0.01	5	9
J999654		4.10	<10	<1	0.23	20	0.03	542	8	0.01	3	490	105	0.01	7	8
J999655		5.55	<10	<1	0.29	30	0.03	2330	13	0.01	4	540	1120	0.01	18	7
J999656		3.63	<10	<1	0.23	20	0.26	421	9	0.02	2	640	61	<0.01	2	8
J999657		3.39	<10	<1	0.30	20	0.35	411	3	0.04	3	600	102	<0.01	2	6
J999658		3.64	10	<1	0.24	20	0.10	326	4	0.01	3	550	104	<0.01	4	8
J999659		3.47	<10	<1	0.25	20	0.44	612	2	0.01	3	570	201	<0.01	3	7
J999660		3.01	10	<1	0.20	30	0.72	1945	2	0.04	4	550	27	<0.01	2	5
J999661		3.51	10	<1	0.14	30	0.74	1305	2	0.02	4	610	52	<0.01	2	6
J999662		4.00	10	<1	0.20	30	0.58	706	1	0.02	2	630	297	<0.01	5	7
J999663		3.72	<10	<1	0.31	20	0.35	1660	1	0.04	3	580	212	0.01	3	5
J999664		3.39	<10	2	0.18	10	0.06	130	6	0.01	15	520	6	2.21	30	2
J999665		3.66	<10	<1	0.35	20	0.21	2580	2	0.03	3	580	169	0.07	2	6
J999666		3.64	<10	<1	0.28	30	0.31	2390	2	0.03	5	620	80	<0.01	<2	7
J999667		3.08	<10	<1	0.29	20	0.48	1430	1	0.05	3	600	79	0.02	2	5
J999668		3.64	10	<1	0.30	20	0.59	1530	1	0.04	3	670	74	0.01	<2	7
J999669		3.59	10	1	0.35	20	0.39	1200	2	0.06	2	670	442	0.02	2	6
J999670		4.23	<10	<1	0.47	10	0.03	125	2	0.02	<1	450	1330	0.48	9	2
J999671		0.43	<10	<1	0.03	10	11.80	199	<1	0.02	3	330	5	<0.01	<2	<1
J999672		4.42	<10	<1	0.21	10	0.04	240	2	0.02	<1	620	205	0.03	<2	11
J999673		5.64	<10	<1	0.30	20	0.03	832	2	0.02	<1	590	532	0.03	<2	7
J999674		4.09	<10	<1	0.27	20	0.11	2140	3	0.03	2	590	162	0.03	3	6
J999675		3.17	<10	<1	0.34	20	0.03	281	6	0.02	1	380	2170	0.19	23	2
J999676		4.90	<10	<1	0.35	10	0.03	585	2	0.01	1	490	532	0.44	7	3
J999677		4.44	<10	<1	0.37	20	0.23	2460	2	0.04	3	680	151	0.07	4	7
J999678		4.59	<10	<1	0.45	20	0.10	1975	2	0.02	1	600	312	0.27	3	5
J999679		4.48	<10	<1	1.01	10	0.02	64	6	0.01	<1	620	4360	1.73	27	1
J999680		4.86	<10	<1	0.86	10	0.02	75	8	0.02	<1	260	7870	1.56	41	1
J999681		8.77	<10	<1	0.79	10	0.04	336	8	0.01	<1	650	515	1.33	7	4
J999682		4.63	<10	<1	0.37	20	0.03	2140	7	0.01	1	590	347	0.11	2	5
J999683		3.78	<10	<1	0.30	20	0.27	2090	3	0.03	2	690	139	0.16	<2	6
J999684		3.55	<10	<1	0.34	20	0.32	2100	7	0.03	<1	630	424	0.04	<2	5
J999685		3.10	<10	<1	0.28	20	0.59	1025	4	0.08	1	600	112	0.07	<2	5

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115275

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
J999650		14	20	0.01	<10	<10	37	<10	1025
J999651		18	<20	<0.01	<10	<10	31	<10	1625
J999652		13	<20	<0.01	<10	<10	38	<10	1380
J999653		12	20	0.03	<10	<10	47	<10	1180
J999654		20	<20	<0.01	<10	<10	35	<10	1630
J999655		16	<20	<0.01	<10	<10	20	<10	2360
J999656		12	20	0.03	10	<10	46	<10	961
J999657		15	<20	0.06	<10	<10	45	<10	784
J999658		14	20	0.01	<10	<10	38	<10	1035
J999659		21	20	0.04	<10	<10	47	<10	1130
J999660		18	<20	0.02	<10	<10	42	<10	690
J999661		18	20	0.01	<10	<10	44	<10	1180
J999662		17	20	0.01	<10	<10	41	<10	1170
J999663		21	<20	0.04	<10	<10	41	<10	976
J999664		6	<20	<0.01	<10	<10	15	<10	47
J999665		19	<20	0.02	<10	<10	35	<10	1205
J999666		19	<20	0.02	<10	<10	42	<10	1195
J999667		19	<20	0.04	<10	<10	45	<10	738
J999668		30	<20	0.05	<10	<10	54	<10	989
J999669		23	<20	0.06	<10	<10	50	<10	996
J999670		48	<20	<0.01	<10	<10	10	<10	537
J999671		50	<20	<0.01	<10	<10	2	10	26
J999672		14	<20	<0.01	<10	<10	42	<10	1685
J999673		11	<20	<0.01	<10	<10	32	<10	2310
J999674		17	<20	0.01	<10	<10	29	<10	2170
J999675		28	<20	<0.01	<10	<10	9	<10	843
J999676		13	<20	<0.01	<10	<10	13	<10	881
J999677		18	<20	0.02	<10	<10	40	<10	1360
J999678		14	<20	0.01	<10	<10	30	<10	941
J999679		68	<20	<0.01	<10	<10	5	<10	67
J999680		56	<20	<0.01	<10	<10	6	<10	276
J999681		30	<20	<0.01	<10	<10	16	<10	1875
J999682		12	20	<0.01	<10	<10	26	<10	1880
J999683		15	<20	<0.01	<10	<10	40	<10	729
J999684		13	20	<0.01	<10	<10	30	<10	1000
J999685		38	<20	0.09	<10	<10	53	<10	376

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VANCOUVER BC V6B 1L8

Finalized Date: 2- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10115481

Project: Klaza

P.O. No.: batch 68

This report is for 17 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 2- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115481

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J999186		2.66	0.015	0.4	1.52	140	<10	490	0.5	<2	0.64	3.8	6	14	29	2.76
J999187		1.91	0.032	1.3	1.68	244	<10	570	0.9	<2	0.36	9.1	10	22	28	3.00
J999188		6.73	0.037	1.0	1.26	202	<10	670	0.7	<2	0.31	9.9	9	14	18	3.02
J999189		4.98	0.027	0.9	1.26	163	<10	550	0.8	<2	0.33	6.7	10	23	12	3.08
J999190		5.93	0.065	2.3	0.99	553	<10	610	1.0	<2	0.50	18.3	10	18	35	3.94
J999191		2.60	0.192	13.0	1.42	764	<10	1420	0.7	50	0.20	22.1	12	35	83	4.13
J999192		2.66	0.064	1.9	1.46	596	<10	610	0.5	2	0.21	10.9	4	8	71	3.59
J999193		5.77	0.146	6.1	0.78	2540	<10	340	0.6	4	0.12	40.9	4	21	186	5.54
J999194		4.96	1.540	71.1	0.84	>10000	<10	450	<0.5	16	0.11	8.5	1	7	127	4.50
J999195		2.99	0.012	1.0	0.95	228	<10	3120	1.1	<2	0.32	15.9	11	11	51	2.88
J999196		3.32	0.016	1.0	1.09	252	<10	990	1.3	<2	0.45	10.1	11	5	61	2.76
J999197		2.01	0.011	1.3	1.04	275	<10	1620	1.2	<2	0.44	12.4	13	9	84	3.37
J999198		2.23	0.128	19.4	0.83	1440	<10	1040	0.5	2	0.13	5.8	3	4	161	5.01
J999199		5.47	0.034	10.8	1.01	1785	<10	1000	1.0	2	0.20	7.0	21	10	367	4.43
J999200		9.81	0.017	3.2	1.38	789	<10	400	<0.5	4	0.33	2.2	7	10	189	4.82
J999201		1.99	0.010	0.5	1.43	118	<10	800	0.5	<2	0.38	2.7	10	22	77	3.53
J999202		3.79	0.960	>100	0.94	5300	<10	240	<0.5	62	0.17	5.0	3	8	295	7.26

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CERTIFICATE OF ANALYSIS WH10115481

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J999186		<10	<1	0.32	20	0.48	589	12	0.13	3	590	33	0.02	<2	7	40
J999187		<10	<1	0.38	30	0.23	973	2	0.04	3	620	82	0.02	2	9	22
J999188		<10	<1	0.34	20	0.26	1825	2	0.05	3	590	84	0.04	2	7	25
J999189		<10	<1	0.27	30	0.21	1270	2	0.02	3	600	98	0.04	<2	8	16
J999190		<10	<1	0.36	30	0.08	2420	4	0.02	4	650	388	0.05	6	7	18
J999191		<10	<1	0.28	30	0.11	1565	2	0.04	9	700	158	0.07	10	10	15
J999192		<10	1	0.29	10	0.21	562	1	0.03	3	610	117	0.07	3	9	14
J999193		<10	1	0.42	20	0.05	613	2	0.01	2	580	1080	0.36	17	5	26
J999194		<10	2	0.49	10	0.08	176	4	0.02	1	500	>10000	0.71	69	4	48
J999195		<10	1	0.33	20	0.04	1405	1	0.08	6	1050	70	0.09	<2	4	44
J999196		<10	<1	0.40	30	0.05	1315	1	0.03	5	1170	79	0.04	<2	4	26
J999197		<10	1	0.37	20	0.05	1390	1	0.04	6	1140	65	0.06	<2	5	26
J999198		<10	<1	0.37	10	0.03	278	10	0.03	2	540	2490	0.24	22	2	25
J999199		<10	1	0.33	20	0.04	657	3	0.03	4	760	190	0.06	8	4	26
J999200		10	<1	0.31	10	0.50	334	4	0.09	3	580	76	0.06	4	4	35
J999201		<10	1	0.34	20	0.48	1170	2	0.08	3	690	32	0.04	<2	7	25
J999202		<10	1	0.73	10	0.06	105	6	0.05	1	460	>10000	1.30	126	3	60

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CERTIFICATE OF ANALYSIS WH10115481

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
J999186		<20	0.06	<10	<10	50	<10	361		
J999187		20	0.01	<10	<10	40	<10	669		
J999188		20	0.02	<10	<10	39	<10	760		
J999189		20	0.02	<10	<10	39	<10	742		
J999190		20	<0.01	<10	<10	32	<10	1640		
J999191		20	0.03	<10	<10	51	<10	1490		
J999192		20	0.03	<10	<10	44	<10	1155		
J999193		20	0.01	<10	<10	29	<10	943		
J999194		<20	0.01	<10	<10	18	<10	513		1.005
J999195		<20	<0.01	<10	<10	21	<10	1185		
J999196		<20	<0.01	<10	<10	21	<10	832		
J999197		<20	<0.01	<10	<10	24	<10	1055		
J999198		<20	<0.01	<10	<10	16	<10	1210		
J999199		<20	<0.01	<10	10	20	<10	1215		
J999200		<20	0.08	<10	<10	56	<10	408		
J999201		<20	0.04	<10	<10	53	<10	413		
J999202		<20	0.01	<10	10	23	<10	517	99	1.405

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Finalized Date: 31- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10115570

Project: Klaza

P.O. No.: Batch 66

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH10115570

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J999477		4.10	0.087	2.5	0.54	450	<10	550	0.5	<2	0.12	27.4	3	4	61	4.28
J999478		4.49	0.040	1.7	0.85	95	<10	530	0.7	3	0.24	17.2	12	21	57	3.32
J999479		5.01	0.199	2.7	0.90	394	<10	490	0.5	<2	0.26	29.2	8	6	37	3.06
J999480		5.60	0.026	1.2	0.83	112	<10	480	0.7	2	0.21	14.0	8	18	47	2.92
J999481		3.91	0.018	0.5	1.19	34	<10	230	0.5	<2	0.26	7.4	9	7	16	2.48
J999482		3.20	0.020	0.7	1.16	49	<10	290	0.5	<2	0.24	9.2	10	16	18	2.70
J999483		5.21	0.012	0.3	1.09	22	<10	370	<0.5	<2	0.26	6.9	7	8	15	2.33
J999484		5.72	0.034	1.0	0.68	64	<10	540	0.7	<2	0.24	15.3	7	6	38	2.35
J999485		6.26	0.047	0.9	0.54	65	<10	1040	0.7	2	0.23	19.5	12	4	29	2.22
J999486		6.42	0.061	1.5	0.58	85	<10	930	0.8	2	0.23	18.1	7	5	43	2.83
J999487		4.11	0.020	0.6	0.62	68	<10	820	1.0	<2	0.30	14.0	5	5	26	2.13
J999488		3.57	0.017	0.3	1.07	42	<10	680	0.6	<2	0.33	8.4	10	12	15	2.67
J999489		4.45	0.069	0.7	0.57	88	<10	890	0.8	<2	0.31	9.0	4	5	25	2.07
J999490		5.38	0.014	0.3	0.61	35	<10	1500	0.9	<2	0.31	7.5	6	5	15	2.09
J999491		3.96	1.005	27.2	0.59	3570	<10	1180	0.8	4	0.21	72.0	3	6	413	4.99
J999492		6.45	0.256	1.6	1.04	315	<10	430	0.6	2	0.29	9.3	7	10	42	2.85
J999493		3.11	0.131	1.6	0.93	225	<10	510	0.5	<2	0.30	7.9	6	12	40	2.60
J999100		8.86	<0.005	0.3	1.14	12	<10	450	<0.5	<2	0.36	<0.5	8	10	23	2.91
J999101		9.06	0.006	0.4	1.37	17	<10	420	<0.5	<2	0.36	<0.5	19	9	22	3.36
J999102		4.16	0.008	0.4	1.31	10	<10	320	<0.5	<2	0.39	<0.5	7	9	13	3.11
J999103		9.11	0.117	1.5	0.59	74	<10	760	0.7	3	0.24	1.1	26	5	41	5.92
J999104		8.87	0.010	0.9	0.65	30	<10	790	0.7	<2	0.31	0.5	5	6	52	3.26
J999105		7.61	<0.005	0.3	1.23	12	<10	410	<0.5	<2	0.47	<0.5	6	9	21	2.66
J999106		7.77	<0.005	0.2	1.46	10	<10	390	<0.5	<2	0.58	<0.5	7	11	20	2.77
J999107		4.54	0.005	0.5	0.64	17	<10	310	0.7	<2	0.28	0.8	6	8	36	2.88
J999108		5.44	0.005	0.6	1.40	24	<10	610	0.6	<2	0.54	0.5	9	13	52	3.24
J999109		2.92	0.017	0.5	1.38	17	<10	480	0.7	<2	0.43	<0.5	8	27	95	2.95
J999110		2.73	0.034	3.1	0.96	72	<10	1530	1.0	<2	1.07	1.0	8	13	252	3.36
J999111		3.17	0.011	2.0	0.76	57	<10	2390	0.9	<2	1.89	1.5	8	25	163	3.14
J999112		6.70	0.007	0.7	1.13	21	<10	1070	0.6	2	0.44	0.5	7	10	78	2.87
J999113		4.74	0.010	0.6	1.06	26	<10	2090	0.9	<2	0.33	<0.5	6	20	48	2.84
J999114		6.05	<0.005	<0.2	1.36	11	<10	380	<0.5	<2	0.60	<0.5	6	12	18	2.58
J999115		6.47	<0.005	<0.2	1.56	9	<10	390	0.5	<2	0.64	<0.5	5	24	14	2.83
J999116		6.10	<0.005	0.2	1.24	13	<10	490	0.8	<2	0.35	<0.5	5	8	12	2.71
J999117		5.62	<0.005	0.3	0.73	15	<10	790	0.7	<2	0.27	<0.5	4	9	20	2.99
J999118		4.97	0.005	0.3	0.90	13	<10	470	0.5	<2	0.66	<0.5	8	10	13	2.94

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CERTIFICATE OF ANALYSIS WH10115570

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J999477		<10	<1	0.22	20	0.05	229	1	0.02	4	510	640	0.08	6	5	20
J999478		<10	<1	0.19	20	0.21	1150	1	0.04	5	610	205	0.04	4	7	15
J999479		<10	1	0.19	20	0.28	792	1	0.05	3	560	588	0.06	4	6	21
J999480		<10	1	0.16	20	0.15	1065	1	0.02	3	590	210	0.04	3	8	14
J999481		<10	1	0.14	30	0.53	778	<1	0.03	4	610	35	0.02	<2	6	15
J999482		<10	1	0.15	30	0.54	798	<1	0.02	3	630	86	0.05	<2	6	11
J999483		10	<1	0.15	20	0.58	827	<1	0.04	3	590	36	0.04	<2	5	18
J999484		<10	1	0.17	30	0.10	1210	1	0.02	4	580	70	0.02	<2	6	16
J999485		<10	<1	0.21	40	0.08	2060	1	0.03	4	620	90	0.07	<2	5	21
J999486		<10	1	0.22	30	0.05	1250	2	0.03	3	630	228	0.05	<2	6	26
J999487		<10	1	0.24	20	0.05	1085	2	0.02	5	870	60	0.02	<2	4	24
J999488		<10	<1	0.18	20	0.49	1360	1	0.05	7	740	80	0.03	<2	5	27
J999489		<10	<1	0.22	20	0.05	514	2	0.02	4	920	164	0.02	<2	4	26
J999490		<10	<1	0.24	20	0.04	685	2	0.04	4	920	33	0.04	<2	4	35
J999491		<10	1	0.23	30	0.06	316	3	0.03	3	510	1645	0.09	54	5	30
J999492		<10	<1	0.17	20	0.36	780	1	0.04	5	700	301	0.02	<2	5	24
J999493		<10	<1	0.16	20	0.30	766	1	0.04	7	710	335	0.03	2	5	22
J999100		<10	<1	0.20	20	0.54	802	<1	0.05	4	660	16	0.03	<2	5	20
J999101		10	1	0.16	20	0.71	989	<1	0.04	4	680	12	0.04	<2	6	18
J999102		<10	1	0.16	20	0.67	769	<1	0.05	4	670	13	0.02	<2	6	24
J999103		<10	1	0.24	30	0.06	1910	1	0.03	4	660	170	0.26	2	6	16
J999104		<10	1	0.21	30	0.12	1380	1	0.03	3	640	25	0.06	2	7	16
J999105		<10	1	0.18	20	0.61	831	<1	0.05	4	640	27	0.02	<2	5	22
J999106		10	<1	0.20	20	0.74	562	4	0.08	4	650	10	0.04	<2	5	27
J999107		<10	<1	0.18	30	0.14	983	4	0.01	4	630	22	0.01	<2	6	11
J999108		<10	<1	0.34	20	0.40	962	3	0.05	4	630	34	0.08	3	6	21
J999109		<10	<1	0.28	20	0.43	896	3	0.05	32	600	32	0.02	2	6	24
J999110		<10	<1	0.30	30	0.30	2160	4	0.03	22	480	85	0.20	23	5	30
J999111		<10	<1	0.27	30	0.29	2270	6	0.02	16	420	100	0.11	18	7	47
J999112		<10	<1	0.26	30	0.13	968	2	0.02	11	580	26	0.05	8	7	18
J999113		<10	<1	0.28	30	0.13	752	1	0.01	9	560	22	0.06	3	7	31
J999114		<10	<1	0.24	20	0.58	542	1	0.08	5	580	14	0.01	<2	5	30
J999115		10	<1	0.26	20	0.71	731	1	0.06	5	620	10	0.02	<2	5	28
J999116		<10	<1	0.23	20	0.26	736	1	0.02	3	590	15	0.01	<2	8	18
J999117		<10	<1	0.15	30	0.20	813	1	0.02	4	630	15	0.02	<2	7	13
J999118		<10	<1	0.18	30	0.38	1010	1	0.02	3	610	13	0.05	<2	4	19

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CERTIFICATE OF ANALYSIS WH10115570

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
J999477		<20	<0.01	<10	<10	22	<10	1315
J999478		20	0.01	<10	<10	37	<10	1425
J999479		<20	0.01	<10	<10	36	<10	874
J999480		20	0.01	<10	<10	37	<10	1360
J999481		20	0.01	<10	<10	40	<10	755
J999482		20	<0.01	<10	<10	37	<10	821
J999483		20	0.01	<10	<10	41	<10	485
J999484		<20	<0.01	<10	<10	26	<10	1250
J999485		<20	<0.01	<10	<10	19	<10	1350
J999486		<20	<0.01	<10	<10	17	<10	1430
J999487		<20	<0.01	<10	<10	18	<10	1225
J999488		<20	0.03	<10	<10	42	<10	651
J999489		<20	<0.01	<10	<10	17	<10	754
J999490		<20	<0.01	<10	<10	17	<10	704
J999491		<20	<0.01	<10	<10	17	<10	1270
J999492		<20	0.02	<10	<10	39	<10	600
J999493		<20	0.03	<10	<10	40	<10	542
J999100		<20	0.06	<10	<10	53	<10	68
J999101		20	0.04	<10	<10	54	<10	70
J999102		<20	0.04	<10	<10	57	<10	63
J999103		<20	<0.01	<10	<10	34	<10	267
J999104		<20	<0.01	<10	<10	34	<10	79
J999105		<20	0.08	<10	<10	51	<10	74
J999106		<20	0.11	<10	<10	58	<10	57
J999107		<20	0.01	<10	<10	33	<10	97
J999108		<20	0.04	<10	<10	49	<10	104
J999109		20	0.03	<10	<10	44	<10	106
J999110		20	0.01	<10	<10	28	<10	145
J999111		<20	<0.01	<10	<10	27	<10	197
J999112		20	0.01	<10	<10	37	<10	88
J999113		20	0.01	<10	<10	35	<10	74
J999114		<20	0.08	<10	<10	49	<10	56
J999115		<20	0.02	<10	<10	43	<10	66
J999116		20	<0.01	<10	<10	38	<10	51
J999117		20	<0.01	<10	<10	38	<10	96
J999118		<20	0.01	<10	<10	34	<10	83

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

Finalized Date: 31- AUG- 2010
Account: ROCKHA

CERTIFICATE WH10115571

Project: Klaza

P.O. No.: Batch 63

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115571

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J999413		7.53	0.088	2.2	0.49	233	<10	560	0.7	3	0.18	53.6	2	2	164	3.50
J999414		4.47	0.005	<0.2	0.47	40	<10	80	0.6	2	0.11	3.4	1	1	16	0.52
J999415		5.64	0.006	<0.2	0.54	31	<10	80	0.8	2	0.13	5.7	1	1	13	0.59
J999416		1.73	0.024	0.6	0.43	67	<10	250	1.0	<2	0.09	13.5	10	3	61	0.74
J999417		3.75	2.58	12.5	0.39	2400	<10	130	0.5	3	0.13	57.7	<1	3	352	3.76
J999418		1.47	0.017	<0.2	0.60	573	<10	330	0.7	<2	0.20	48.1	7	5	134	2.90
J999419		3.77	0.029	0.3	0.75	681	<10	450	0.9	2	0.23	35.0	11	5	108	3.47
J999420		3.74	0.021	0.2	1.09	172	<10	430	1.0	<2	0.74	14.6	9	4	18	2.77
J999421		5.52	0.016	0.3	1.16	58	<10	340	0.7	<2	0.44	9.3	6	7	14	3.00
J999422		3.09	0.019	0.4	1.30	63	<10	250	0.7	<2	0.35	8.3	6	5	17	2.67
J999423		4.09	0.018	0.8	1.35	29	<10	280	0.5	<2	0.56	5.5	7	8	11	2.80
J999424		3.17	0.012	0.2	1.50	52	<10	180	0.7	<2	0.35	7.0	9	8	13	3.04
J999425		5.24	0.012	<0.2	1.46	28	<10	190	0.5	<2	0.52	6.8	8	91	11	2.93
J999426		5.44	0.010	0.2	0.96	47	<10	420	0.6	<2	0.49	10.7	7	6	12	2.24
J999427		1.92	0.304	4.9	0.64	304	<10	680	0.7	<2	0.18	32.0	6	3	75	3.06
J999428		1.36	0.017	0.2	0.57	110	<10	890	0.6	<2	0.38	11.5	5	3	17	1.67
J999429		3.77	0.006	<0.2	1.41	35	<10	770	0.8	<2	0.65	6.3	5	6	6	2.57
J999430		4.76	0.011	0.5	0.92	42	<10	400	<0.5	<2	0.65	7.4	9	7	15	3.03
J999431		5.73	0.007	0.3	0.70	84	<10	730	0.8	<2	0.81	12.8	6	5	70	2.65
J999432		3.81	1.390	18.0	0.27	955	<10	200	<0.5	7	0.14	17.3	<1	2	211	4.14
J999433		4.65	0.333	8.7	0.58	1100	<10	190	<0.5	4	0.18	17.4	1	3	354	4.49
J999434		6.92	0.020	1.5	1.15	188	<10	260	0.5	<2	0.55	7.8	8	6	182	3.14
J999435		3.54	0.008	0.5	1.31	27	<10	300	<0.5	<2	1.01	2.5	5	11	26	2.84
J999436		3.43	0.033	1.4	0.96	144	<10	250	0.6	<2	0.55	11.5	12	5	185	2.63
J999437		2.83	0.420	5.9	0.50	296	<10	580	0.6	<2	0.18	28.3	7	3	244	3.69
J999438		3.10	0.011	0.5	0.83	44	<10	350	0.5	<2	0.46	7.9	4	5	53	2.29
J999439		4.74	0.012	0.6	1.21	22	<10	310	<0.5	<2	0.78	6.2	5	6	27	2.84
J999440		3.58	0.011	0.6	0.89	18	<10	300	0.5	<2	0.41	8.3	5	6	30	2.87
J999441		3.74	<0.005	0.2	0.82	13	<10	350	0.5	<2	0.49	6.2	5	6	17	2.26
J999442		4.32	<0.005	0.2	0.88	11	<10	260	<0.5	<2	0.55	6.8	8	18	22	2.61
J999443		2.87	0.006	0.2	0.99	13	<10	350	0.6	<2	0.56	8.1	7	9	22	2.48
J999444		3.61	0.006	<0.2	1.15	12	<10	190	<0.5	<2	0.59	2.1	6	9	14	2.42
J999445		3.92	0.030	2.0	0.77	49	<10	460	0.8	<2	0.25	22.5	30	6	101	3.15
J999446		1.60	0.011	0.5	0.69	26	<10	450	0.5	<2	0.32	9.0	9	6	26	2.63
J999447		5.15	0.036	0.6	0.51	58	<10	970	0.7	<2	0.85	16.6	10	4	18	2.96
J999448		7.19	0.011	0.4	0.96	10	<10	320	0.5	<2	0.55	7.2	6	8	12	2.70

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 31- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115571

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J999413		<10	<1	0.32	20	0.03	2170	5	0.02	<1	400	710	0.32	5	3	24
J999414		<10	<1	0.20	<10	0.02	296	2	0.01	<1	20	108	<0.01	<2	1	11
J999415		<10	<1	0.19	<10	0.02	444	1	0.01	<1	20	71	<0.01	<2	2	12
J999416		<10	<1	0.15	<10	0.02	1955	4	0.01	<1	50	272	0.05	<2	2	16
J999417		<10	1	0.28	10	0.03	206	9	0.01	<1	240	1770	0.49	45	3	18
J999418		<10	<1	0.20	20	0.03	2160	2	0.01	2	650	98	0.01	3	8	9
J999419		<10	<1	0.21	20	0.04	2200	2	0.02	1	650	81	0.01	2	10	12
J999420		<10	<1	0.19	30	0.20	814	1	0.02	2	670	32	0.01	<2	8	20
J999421		<10	<1	0.20	20	0.39	1045	1	0.04	1	630	355	0.02	<2	7	21
J999422		<10	<1	0.19	30	0.34	777	1	0.02	1	660	194	<0.01	<2	7	14
J999423		<10	<1	0.20	20	0.60	717	1	0.05	<1	600	234	0.03	<2	6	27
J999424		10	<1	0.16	30	0.60	721	<1	0.02	1	710	202	<0.01	<2	8	12
J999425		10	<1	0.17	20	0.64	806	12	0.04	44	680	29	0.01	2	7	22
J999426		<10	<1	0.26	20	0.28	872	1	0.03	1	620	182	0.08	<2	5	19
J999427		<10	<1	0.34	30	0.05	2460	3	0.02	2	590	1870	0.30	2	4	22
J999428		<10	<1	0.29	20	0.06	1255	1	0.02	1	620	246	0.04	<2	3	13
J999429		<10	<1	0.18	30	0.44	596	<1	0.03	<1	730	28	0.02	<2	8	28
J999430		<10	<1	0.19	40	0.35	694	1	0.04	7	610	43	0.06	<2	6	27
J999431		<10	<1	0.28	30	0.11	997	2	0.04	3	1060	116	0.06	<2	5	36
J999432		<10	<1	0.49	20	0.02	59	2	0.01	<1	310	1630	0.87	13	2	27
J999433		<10	<1	0.34	20	0.09	320	1	0.02	<1	430	681	0.35	7	3	22
J999434		<10	<1	0.21	30	0.40	897	1	0.03	1	650	118	0.08	<2	6	19
J999435		<10	<1	0.16	20	0.71	671	1	0.07	3	640	82	0.04	<2	6	33
J999436		<10	<1	0.14	40	0.25	995	<1	0.02	3	640	100	0.06	2	6	20
J999437		<10	<1	0.22	20	0.03	2990	2	0.03	2	520	1460	0.33	13	5	20
J999438		<10	<1	0.18	30	0.14	625	<1	0.03	2	640	136	0.02	<2	7	19
J999439		<10	<1	0.17	30	0.57	914	<1	0.05	3	660	159	0.06	<2	6	27
J999440		<10	<1	0.16	30	0.25	1145	<1	0.04	2	710	190	0.03	<2	8	17
J999441		<10	<1	0.17	20	0.24	668	2	0.05	3	610	52	0.02	2	6	19
J999442		<10	<1	0.13	20	0.34	704	<1	0.05	6	610	43	0.02	<2	7	20
J999443		<10	<1	0.18	30	0.31	652	<1	0.05	5	960	44	0.01	<2	5	24
J999444		<10	<1	0.13	20	0.61	473	<1	0.07	3	640	37	0.02	<2	4	27
J999445		<10	<1	0.20	30	0.13	2100	2	0.02	3	600	1245	0.15	3	8	15
J999446		<10	<1	0.20	20	0.22	1215	<1	0.04	3	650	445	0.06	<2	6	17
J999447		<10	<1	0.23	30	0.13	1700	1	0.04	3	610	87	0.09	<2	6	33
J999448		<10	<1	0.16	20	0.43	719	<1	0.06	2	640	98	0.03	<2	7	24

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

Finalized Date: 31- AUG- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10115571

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
J999413		<20	<0.01	<10	<10	8	<10	2270
J999414		20	<0.01	<10	<10	1	<10	253
J999415		20	<0.01	<10	<10	3	<10	310
J999416		<20	<0.01	<10	<10	3	<10	586
J999417		<20	<0.01	<10	<10	7	<10	1920
J999418		20	<0.01	<10	<10	36	<10	2670
J999419		<20	<0.01	<10	<10	37	<10	2800
J999420		20	<0.01	<10	<10	34	<10	1250
J999421		<20	<0.01	<10	<10	41	<10	959
J999422		20	<0.01	<10	<10	37	<10	524
J999423		<20	0.01	<10	<10	46	<10	495
J999424		20	<0.01	<10	<10	50	<10	795
J999425		20	0.01	<10	<10	53	<10	417
J999426		<20	0.01	<10	<10	31	<10	765
J999427		<20	<0.01	<10	<10	15	<10	1825
J999428		<20	<0.01	<10	<10	14	<10	1005
J999429		20	<0.01	<10	<10	41	<10	486
J999430		<20	0.01	<10	<10	34	<10	486
J999431		<20	<0.01	<10	<10	24	<10	813
J999432		<20	<0.01	<10	<10	5	<10	719
J999433		<20	<0.01	<10	<10	19	<10	1685
J999434		<20	<0.01	<10	<10	37	<10	1150
J999435		<20	0.06	<10	<10	54	<10	328
J999436		<20	<0.01	<10	<10	33	<10	1410
J999437		<20	<0.01	<10	<10	14	<10	2830
J999438		<20	<0.01	<10	<10	31	<10	831
J999439		<20	<0.01	<10	<10	35	<10	561
J999440		20	<0.01	<10	<10	35	<10	701
J999441		<20	0.01	<10	<10	35	<10	425
J999442		<20	0.01	<10	<10	43	<10	349
J999443		<20	0.02	<10	<10	41	<10	518
J999444		<20	0.09	<10	<10	50	<10	178
J999445		<20	<0.01	<10	<10	33	<10	1635
J999446		<20	0.02	<10	<10	35	<10	654
J999447		<20	<0.01	<10	<10	20	<10	737
J999448		<20	0.02	<10	<10	48	<10	478

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10124015

Project: Klaza

P.O. No.: Batch 71

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10124015

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
J981336		4.76	0.010		0.2	1.12	26	<10	250	<0.5	<2	0.67	<0.5	6	9	10
J981337		4.19	<0.005		<0.2	1.29	17	<10	330	<0.5	<2	0.68	<0.5	6	9	11
J981338		1.99	0.009		0.4	0.71	36	<10	230	0.6	<2	0.29	<0.5	9	30	24
J981339		4.91	0.007		0.4	1.14	24	<10	270	0.5	<2	0.55	0.6	7	8	26
J981340		5.49	0.016		0.4	0.84	61	<10	730	0.5	<2	0.85	1.0	7	7	25
J981341		3.08	0.006		0.4	1.07	23	<10	380	0.5	<2	0.48	1.0	7	17	115
J981342		1.93	0.049		1.3	0.52	872	<10	530	0.9	<2	0.64	6.8	8	3	24
J981343		3.02	0.019		1.1	0.73	144	<10	270	0.8	<2	0.27	6.1	6	5	32
J981344		3.29	0.383		22.5	0.45	647	<10	1130	0.8	<2	0.23	16.7	8	10	209
J981345		5.12	0.280		3.1	0.74	293	<10	450	0.7	<2	0.27	8.4	9	6	55
J981346		2.79	0.010		0.3	0.58	38	<10	440	0.6	<2	0.37	1.1	6	5	35
J981347		1.77	0.032		1.2	0.97	186	<10	310	0.8	<2	0.26	3.8	7	13	34
J981348		1.94	0.061		1.7	0.93	206	<10	370	<0.5	<2	0.41	2.4	6	7	28
J981349		3.12	1.765		11.0	1.15	2800	<10	430	0.7	<2	0.31	10.8	8	10	66
J981350		4.59	0.014		0.5	1.10	40	<10	370	<0.5	<2	0.37	1.3	7	15	23
J981351		5.52	0.005		0.3	1.37	13	<10	360	<0.5	<2	0.59	1.3	6	10	39
J981352		4.73	0.028		5.2	1.15	57	<10	260	0.6	<2	0.45	2.8	6	8	72
J981353		3.35	0.006		0.2	0.56	40	<10	660	0.7	<2	0.33	0.9	6	5	16
J981354		2.14	<0.005		0.2	1.30	13	<10	270	<0.5	<2	0.74	<0.5	6	17	9
J981355		6.11	0.006		0.7	1.44	19	<10	390	0.7	<2	0.52	1.9	7	9	17
J981356		4.48	0.006		0.7	0.88	30	<10	390	0.7	<2	0.65	0.5	7	10	10
J981357		3.28	<0.005		0.6	1.23	22	<10	460	<0.5	<2	0.81	0.6	6	8	11
J981358		3.92	0.032		1.9	0.81	64	<10	590	0.8	<2	0.73	3.3	8	6	20
J981359		4.64	<0.005		0.6	1.19	44	<10	460	0.5	<2	0.53	2.8	7	17	27
J981360		2.11	0.385		11.6	0.54	2890	<10	1340	1.0	<2	0.27	23.4	6	4	39
J981361		3.53	0.009		1.9	0.76	57	<10	750	0.6	<2	0.98	5.0	6	6	18
J981362		3.17	0.029		2.1	1.54	194	<10	310	0.5	<2	0.37	3.2	9	10	73
J981363		6.15	0.045		3.5	1.13	481	<10	510	0.6	<2	0.30	12.7	15	13	174
J981364		3.25	0.498		40.5	0.57	2470	<10	980	<0.5	2	0.24	46.6	42	2	825
J981365		3.31	0.017		0.9	0.61	515	<10	2260	1.2	<2	0.40	48.2	19	3	194
J981366		2.56	0.021		0.9	0.72	778	<10	870	1.4	<2	0.39	41.3	28	6	191
J981367		2.91	2.39		>100	0.47	>10000	<10	520	0.6	32	0.23	76.5	47	1	1185
J981368		3.10	>10.0	11.65	>100	0.29	>10000	<10	40	<0.5	160	0.34	183.0	15	<1	2800
J981369		3.00	0.618		>100	0.68	2610	<10	320	0.6	33	0.23	11.4	13	13	454
J981370		4.16	0.016		1.1	1.48	254	<10	330	0.6	<2	0.33	3.1	8	6	32
J981371		3.10	0.047		4.6	1.41	422	<10	420	0.6	<2	0.37	6.4	9	6	55

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

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

Finalized Date: 15- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10124015

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
J981336		2.61	10	<1	0.14	20	0.65	431	1	0.05	2	600	17	0.04	2	5
J981337		2.68	<10	<1	0.22	20	0.59	555	1	0.09	2	570	22	0.02	<2	5
J981338		2.93	<10	<1	0.13	30	0.17	928	2	0.01	8	650	16	0.01	<2	8
J981339		2.95	10	<1	0.19	20	0.43	816	1	0.05	2	640	22	0.02	2	7
J981340		3.09	<10	<1	0.20	20	0.35	1670	1	0.04	3	620	19	0.04	<2	7
J981341		2.84	<10	<1	0.23	20	0.49	582	2	0.06	3	600	19	0.03	<2	7
J981342		3.21	<10	<1	0.20	30	0.06	970	2	0.01	2	640	30	0.05	13	7
J981343		3.22	<10	<1	0.24	30	0.06	828	2	0.03	2	620	36	0.03	2	8
J981344		3.42	<10	<1	0.21	30	0.03	2730	3	<0.01	3	560	876	0.15	32	5
J981345		3.46	<10	<1	0.26	30	0.08	1380	2	0.01	3	600	151	0.05	5	7
J981346		2.86	<10	1	0.14	20	0.10	601	1	0.01	2	590	13	0.02	<2	8
J981347		2.91	<10	<1	0.19	30	0.12	509	1	<0.01	2	670	69	0.01	5	10
J981348		2.59	<10	<1	0.20	20	0.47	920	1	0.04	2	570	338	0.01	12	5
J981349		3.63	<10	<1	0.27	30	0.30	1120	1	0.02	4	600	1010	0.03	42	7
J981350		2.73	<10	<1	0.19	20	0.52	595	1	0.04	3	610	39	0.01	<2	6
J981351		2.78	10	<1	0.22	20	0.67	531	1	0.08	2	590	35	0.03	<2	5
J981352		2.95	<10	<1	0.19	20	0.47	988	2	0.04	2	620	1485	0.02	4	6
J981353		3.18	<10	<1	0.20	30	0.07	1015	2	0.02	2	630	19	0.03	2	8
J981354		2.79	10	<1	0.17	20	0.70	529	1	0.08	1	650	49	0.01	<2	5
J981355		3.12	<10	<1	0.23	30	0.51	1170	2	0.05	5	600	84	<0.01	<2	7
J981356		2.91	<10	3	0.16	30	0.28	1090	1	0.01	3	600	26	0.03	<2	8
J981357		2.83	<10	<1	0.29	20	0.57	590	1	0.09	2	590	18	<0.01	<2	6
J981358		3.16	<10	<1	0.25	30	0.20	1180	1	0.01	3	630	80	0.04	4	10
J981359		2.81	<10	1	0.26	20	0.56	751	1	0.06	2	620	55	0.01	<2	6
J981360		4.29	<10	1	0.23	50	0.06	5150	3	<0.01	4	550	625	0.14	26	5
J981361		2.96	<10	1	0.21	20	0.27	1310	1	0.02	2	600	184	0.03	2	7
J981362		3.43	10	<1	0.22	20	0.75	518	2	0.07	3	650	124	0.02	4	6
J981363		3.73	10	<1	0.21	20	0.45	1065	3	0.02	3	670	157	0.02	4	7
J981364		6.15	<10	1	0.20	10	0.04	1280	10	0.01	1	570	7530	0.25	64	3
J981365		2.93	<10	<1	0.24	20	0.05	2900	4	0.01	7	1090	68	0.05	5	4
J981366		3.79	<10	<1	0.27	20	0.05	2840	5	0.01	6	1110	81	0.03	8	5
J981367		8.37	<10	3	0.26	10	0.03	1560	8	0.01	<1	590	>10000	0.56	225	2
J981368		14.6	<10	8	0.17	<10	0.02	505	6	<0.01	<1	120	>10000	4.80	1340	1
J981369		5.97	<10	1	0.22	20	0.12	313	4	0.01	1	470	>10000	0.37	142	5
J981370		3.47	10	1	0.22	20	0.49	535	1	0.03	2	580	95	<0.01	4	7
J981371		3.85	<10	<1	0.16	20	0.57	1050	3	0.02	2	640	509	0.02	7	8

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

Finalized Date: 15- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10124015

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Pb- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001
J981336		26	<20	0.10	<10	<10	53	<10	48		
J981337		33	<20	0.08	<10	<10	51	<10	64		
J981338		10	<20	0.01	<10	<10	48	<10	75		
J981339		23	<20	0.04	<10	<10	52	<10	93		
J981340		30	<20	0.04	<10	<10	43	<10	143		
J981341		26	<20	0.05	<10	<10	49	<10	164		
J981342		22	<20	<0.01	<10	<10	25	<10	427		
J981343		14	<20	<0.01	<10	<10	36	<10	385		
J981344		19	<20	<0.01	<10	<10	17	<10	1395		
J981345		14	<20	0.01	<10	<10	33	<10	752		
J981346		12	<20	0.01	<10	<10	41	<10	174		
J981347		10	20	0.02	<10	<10	45	<10	354		
J981348		21	<20	0.08	<10	<10	47	<10	339		
J981349		21	<20	0.02	<10	<10	34	<10	670		
J981350		20	<20	0.06	<10	<10	50	<10	123		
J981351		38	<20	0.12	<10	<10	54	<10	160		
J981352		21	<20	0.07	<10	<10	49	<10	809		
J981353		15	<20	<0.01	<10	<10	38	<10	195		
J981354		33	<20	0.13	<10	<10	58	<10	81		
J981355		27	<20	0.04	<10	<10	48	<10	204		
J981356		14	20	0.01	<10	<10	38	<10	119		
J981357		38	<20	0.10	<10	<10	54	<10	112		
J981358		18	<20	0.02	<10	<10	43	<10	455		
J981359		24	<20	0.09	<10	<10	54	<10	393		
J981360		19	<20	<0.01	<10	<10	15	<10	1130		
J981361		25	<20	0.03	<10	<10	41	<10	463		
J981362		27	<20	0.04	<10	<10	56	<10	498		
J981363		17	<20	0.04	<10	<10	46	<10	1150		
J981364		17	<20	<0.01	<10	20	13	<10	1725		
J981365		34	<20	<0.01	<10	<10	16	<10	1645		
J981366		25	<20	<0.01	<10	<10	15	<10	2050		
J981367		30	<20	<0.01	<10	10	8	<10	2370	138	1.095
J981368		69	<20	<0.01	<10	20	4	10	6840	985	14.20
J981369		20	<20	<0.01	<10	<10	20	<10	2050	97	1.040
J981370		27	<20	0.02	<10	<10	46	<10	1140		
J981371		30	<20	0.02	<10	<10	47	<10	1115		

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

Finalized Date: 14- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10124016

Project: Klaza

P.O. No.: Batch 72

This report is for 16 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 14- SEP- 2010
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Project: Klaza

CERTIFICATE OF ANALYSIS WH10124016

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J981372		1.97	0.101	7.3	0.78	507	<10	500	0.6	4	0.38	8.3	20	2	247	6.52
J981373		6.54	<0.005	0.2	1.67	36	<10	530	0.6	<2	0.86	3.2	7	7	42	3.12
J981374		3.50	<0.005	1.9	1.55	17	<10	330	0.5	<2	1.17	2.2	9	10	22	3.34
J981375		3.60	<0.005	0.3	1.29	14	<10	260	0.5	<2	0.81	3.6	7	8	6	2.96
J981376		3.28	<0.005	0.2	1.44	6	<10	310	0.5	<2	0.78	3.2	7	9	7	3.06
J981377		2.02	0.005	<0.2	1.24	14	<10	600	0.5	<2	1.13	3.1	7	10	5	2.93
J981378		2.92	<0.005	0.4	0.90	35	<10	520	1.0	<2	0.96	6.0	8	5	7	3.15
J981379		4.24	0.008	1.3	0.93	98	<10	470	0.8	<2	0.53	8.1	8	5	13	3.47
J981380		5.60	0.013	0.5	1.23	105	<10	440	0.8	<2	1.34	6.9	8	6	14	3.44
J981381		3.43	0.222	4.3	0.71	423	<10	810	0.9	<2	0.82	17.7	8	4	30	4.06
J981382		1.81	<0.005	<0.2	1.42	20	<10	510	0.6	<2	0.45	<0.5	8	8	6	3.07
J981383		4.53	<0.005	<0.2	1.59	8	<10	270	<0.5	<2	0.92	<0.5	7	11	7	3.33
J981384		4.33	<0.005	<0.2	1.44	9	<10	760	<0.5	<2	0.91	<0.5	7	9	11	3.01
J981385		2.33	<0.005	<0.2	1.32	12	<10	330	<0.5	<2	0.43	<0.5	8	10	8	3.05
J981386		4.16	0.153	7.7	0.58	187	<10	400	<0.5	2	0.14	8.8	25	6	80	5.47
J981387		4.64	<0.005	0.2	1.18	14	<10	1480	<0.5	<2	0.59	0.5	11	13	8	2.87

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10124016

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J981372		<10	<1	0.26	20	0.12	2560	9	0.01	2	580	332	0.53	11	6	20
J981373		10	<1	0.17	20	0.69	928	1	0.03	2	610	22	0.04	<2	6	122
J981374		10	<1	0.18	30	0.73	1040	1	0.03	2	640	50	0.02	<2	6	45
J981375		<10	<1	0.19	20	0.66	767	1	0.05	2	640	37	0.01	<2	6	29
J981376		10	<1	0.16	30	0.73	912	1	0.05	2	680	25	<0.01	<2	7	51
J981377		10	<1	0.17	20	0.54	694	1	0.06	2	650	11	0.01	<2	7	68
J981378		<10	<1	0.19	30	0.17	1295	1	0.01	2	730	68	0.02	<2	11	21
J981379		10	<1	0.22	30	0.19	1695	2	0.01	2	710	280	0.03	<2	9	18
J981380		<10	<1	0.21	30	0.34	1205	1	0.02	2	660	179	0.02	<2	7	43
J981381		<10	1	0.25	20	0.20	4250	5	0.01	2	620	1235	0.18	4	7	33
J981382		<10	<1	0.19	20	0.62	632	<1	0.03	2	720	16	<0.01	<2	8	40
J981383		10	<1	0.19	20	0.87	747	<1	0.06	2	710	12	0.01	<2	7	36
J981384		<10	<1	0.21	20	0.77	784	1	0.05	2	650	18	0.03	<2	6	35
J981385		<10	<1	0.19	20	0.72	629	2	0.05	4	680	15	0.01	<2	6	23
J981386		<10	<1	0.43	20	0.04	2100	5	0.01	3	450	710	0.35	4	3	40
J981387		10	<1	0.23	20	0.66	596	1	0.07	4	610	26	0.07	<2	4	93

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

Finalized Date: 14- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10124016

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
J981372		<20	<0.01	<10	<10	22	<10	887
J981373		20	0.02	<10	<10	47	<10	203
J981374		20	0.01	<10	<10	50	<10	249
J981375		<20	0.03	<10	<10	50	<10	365
J981376		<20	0.03	<10	<10	56	<10	327
J981377		<20	0.03	<10	<10	49	<10	288
J981378		20	<0.01	<10	<10	42	<10	478
J981379		<20	0.01	<10	<10	39	<10	997
J981380		<20	<0.01	<10	<10	38	<10	1055
J981381		<20	<0.01	<10	<10	27	<10	1555
J981382		<20	0.04	<10	<10	57	<10	152
J981383		<20	0.03	<10	<10	59	<10	69
J981384		<20	0.04	<10	<10	53	<10	77
J981385		<20	0.05	<10	<10	56	10	65
J981386		<20	<0.01	<10	<10	16	<10	790
J981387		20	0.08	<10	<10	50	<10	86

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Finalized Date: 15- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10124017

Project: Klaza

P.O. No.: Batch 70

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10124017

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
J981300		7.20	0.005		<0.2	0.85	30	<10	730	0.7	<2	0.54	0.6	5	6	9
J981301		2.41	<0.005		<0.2	0.59	24	<10	880	0.9	<2	2.72	0.7	6	3	7
J981302		2.63	0.048		1.9	0.53	192	<10	1340	1.0	<2	0.75	2.2	7	2	10
J981303		3.46	0.015		0.5	0.54	99	<10	1150	0.8	<2	0.28	1.4	5	4	11
J981304		3.75	0.005		0.2	0.75	12	<10	280	<0.5	<2	0.68	<0.5	5	6	8
J981305		4.71	0.006		0.2	0.75	32	<10	1220	0.6	<2	0.36	1.3	6	6	10
J981306		6.02	<0.005		0.2	1.05	17	<10	310	<0.5	<2	0.55	0.7	5	8	6
J981307		5.90	<0.005		0.4	1.08	7	<10	330	<0.5	<2	0.70	0.7	5	8	5
J981308		3.58	<0.005		0.3	0.59	17	<10	750	0.5	<2	1.78	2.8	6	5	2
J981309		6.43	<0.005		0.5	0.73	24	<10	700	0.7	2	0.57	3.4	5	5	3
J981310		2.87	0.007		0.2	0.88	16	<10	250	0.5	<2	0.83	2.0	5	6	2
J981311		5.70	0.006		7.5	0.76	47	<10	990	0.8	<2	0.72	12.7	5	5	11
J981312		5.12	0.059		4.1	0.67	246	<10	830	0.8	<2	0.66	14.4	7	5	15
J981313		5.32	0.016		0.4	0.54	81	<10	950	0.6	<2	2.47	1.4	4	10	9
J981314		2.51	0.012		0.2	0.60	123	<10	1060	0.9	<2	0.45	1.5	5	5	5
J981315		3.75	0.012		0.3	0.58	187	<10	990	0.8	<2	0.30	2.1	11	4	4
J981316		2.76	0.013		0.6	0.52	466	<10	1440	1.0	2	0.39	5.3	12	3	7
J981317		3.46	0.167		5.2	0.47	647	<10	460	0.9	<2	0.53	15.5	5	4	29
J981318		5.59	<0.005		0.2	1.46	22	<10	110	1.1	3	2.86	0.5	3	4	1
J981319		3.46	0.020		0.5	0.52	153	<10	520	0.6	2	1.57	2.3	8	24	18
J981320		5.73	>10.0	12.45	>100	0.32	>10000	<10	20	<0.5	2	0.31	81.2	3	3	235
J981321		1.99	0.051		1.5	0.44	249	<10	250	0.7	<2	1.19	2.7	3	2	7
J981322		4.57	0.058		2.1	0.49	150	<10	730	1.0	2	0.70	0.6	14	3	34
J981323		2.55	0.011		0.3	0.87	58	<10	1800	1.1	<2	1.18	0.7	7	12	10
J981324		4.53	<0.005		0.4	0.67	33	<10	320	0.8	<2	3.65	<0.5	6	7	6
J981325		4.03	<0.005		0.3	0.61	17	<10	1690	0.8	<2	3.03	<0.5	4	7	1
J981326		3.08	<0.005		0.2	0.54	13	<10	2520	0.8	<2	1.41	<0.5	4	4	4
J981327		2.84	<0.005		0.3	0.57	27	<10	790	0.9	<2	2.46	<0.5	5	7	4
J981328		2.97	<0.005		0.3	0.51	46	<10	1680	0.9	<2	3.44	<0.5	5	6	9
J981329		4.09	<0.005		0.6	0.55	43	<10	1440	0.8	<2	2.44	1.0	5	5	10
J981330		2.33	<0.005		0.3	0.63	71	<10	1140	0.7	<2	0.60	2.6	6	7	13
J981331		1.58	<0.005		0.2	0.04	<2	<10	20	<0.5	<2	19.5	<0.5	2	<1	2
J981332		2.18	0.011		0.7	0.85	67	<10	970	0.5	<2	0.52	1.6	7	6	15
J981333		2.38	0.110		5.5	0.44	616	<10	350	0.6	2	1.03	8.1	8	4	47
J981334		3.72	0.202		19.2	0.58	491	<10	460	0.6	3	0.45	5.2	7	6	63
J981335		0.19	3.36		>100	0.34	>10000	<10	20	<0.5	<2	0.41	321	2	12	1620

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10124017

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
J981300		3.00	<10	1	0.16	30	0.22	784	1	0.01	2	620	13	0.02	3	7
J981301		2.89	<10	<1	0.23	20	0.11	1060	1	0.01	1	540	11	0.03	3	8
J981302		2.54	<10	<1	0.17	20	0.06	1310	7	<0.01	2	420	95	0.09	7	7
J981303		3.08	<10	<1	0.23	30	0.09	1760	2	0.02	7	540	20	0.06	4	5
J981304		2.41	<10	<1	0.13	20	0.38	530	1	0.05	2	520	10	0.02	<2	6
J981305		2.76	<10	<1	0.18	30	0.21	1000	1	0.03	3	590	14	0.08	<2	6
J981306		2.53	<10	<1	0.14	20	0.56	593	<1	0.05	3	560	18	0.01	<2	5
J981307		2.48	<10	<1	0.17	20	0.57	495	<1	0.06	2	550	34	0.01	<2	5
J981308		2.95	<10	<1	0.18	20	0.26	872	<1	0.03	2	740	13	0.08	<2	6
J981309		2.58	<10	<1	0.17	30	0.24	892	<1	0.02	2	570	67	0.01	<2	6
J981310		2.43	<10	<1	0.12	20	0.45	544	<1	0.03	1	530	17	0.01	<2	5
J981311		2.95	<10	<1	0.20	30	0.24	2130	1	0.02	1	560	1665	0.05	4	5
J981312		2.96	<10	<1	0.19	20	0.20	1605	2	0.02	3	530	609	0.07	4	6
J981313		2.22	<10	<1	0.05	10	0.41	939	2	0.01	10	380	39	0.06	3	5
J981314		2.61	<10	<1	0.20	30	0.09	904	<1	<0.01	4	630	17	0.01	<2	9
J981315		3.08	<10	<1	0.17	20	0.08	1020	1	0.02	2	590	19	0.04	2	9
J981316		3.15	<10	<1	0.17	30	0.08	1590	1	0.02	2	580	56	0.07	4	8
J981317		3.00	<10	<1	0.19	20	0.06	3360	3	0.01	2	490	893	0.15	14	6
J981318		4.20	<10	<1	0.16	30	0.48	907	<1	0.01	<1	600	16	0.01	22	5
J981319		2.47	<10	<1	0.17	20	0.13	1465	<1	0.01	8	490	53	0.27	3	5
J981320		6.72	<10	<1	0.20	10	0.10	906	7	0.01	2	280	>10000	4.42	380	1
J981321		2.72	<10	<1	0.31	20	0.22	4100	2	0.02	<1	570	94	0.97	3	4
J981322		3.06	<10	<1	0.24	20	0.07	1115	2	0.02	3	540	79	0.36	4	5
J981323		2.97	<10	<1	0.18	20	0.09	879	1	0.02	5	1240	25	0.09	3	5
J981324		1.89	<10	<1	0.21	10	0.16	540	<1	0.02	2	790	28	0.01	2	4
J981325		1.95	<10	<1	0.22	10	0.18	438	<1	0.03	3	750	16	0.04	<2	4
J981326		1.41	<10	<1	0.21	10	0.11	476	<1	0.03	2	590	10	0.06	<2	4
J981327		1.99	<10	<1	0.22	10	0.21	548	<1	0.02	2	700	14	0.02	<2	4
J981328		2.03	<10	<1	0.20	10	0.10	520	<1	0.02	3	580	16	0.04	<2	4
J981329		1.92	<10	<1	0.21	10	0.08	552	<1	0.02	3	650	17	0.04	<2	4
J981330		2.33	<10	<1	0.19	10	0.06	662	1	0.02	4	660	14	0.04	3	5
J981331		0.39	<10	<1	0.02	<10	12.15	182	<1	0.02	<1	240	2	<0.01	<2	<1
J981332		2.61	<10	<1	0.17	20	0.39	558	<1	0.05	2	570	54	0.05	<2	6
J981333		3.77	<10	<1	0.21	20	0.23	1905	2	<0.01	2	460	318	0.72	13	5
J981334		3.39	<10	<1	0.18	30	0.14	2030	1	0.02	2	560	680	0.27	24	7
J981335		13.80	<10	2	0.14	<10	0.18	1500	<1	0.02	12	130	>10000	>10.0	564	1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10124017

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
J981300		21	20	<0.01	<10	<10	36	<10	95			
J981301		50	<20	<0.01	<10	<10	29	<10	114			
J981302		40	<20	<0.01	<10	<10	21	<10	258			
J981303		25	20	<0.01	<10	<10	23	<10	167			
J981304		27	<20	0.02	<10	<10	40	<10	45			
J981305		22	<20	0.01	<10	<10	35	<10	90			
J981306		24	<20	0.04	<10	<10	44	<10	67			
J981307		29	<20	0.08	<10	<10	46	<10	58			
J981308		46	<20	0.01	<10	<10	35	<10	153			
J981309		25	<20	<0.01	<10	<10	30	<10	207			
J981310		33	<20	0.02	<10	<10	37	<10	138			
J981311		36	<20	<0.01	<10	<10	27	<10	661			
J981312		34	<20	<0.01	<10	<10	28	<10	733			
J981313		62	<20	<0.01	<10	<10	30	<10	144			
J981314		25	<20	<0.01	<10	<10	37	<10	138			
J981315		25	<20	<0.01	<10	<10	37	<10	216			
J981316		32	<20	<0.01	<10	<10	30	<10	536			
J981317		31	<20	<0.01	<10	<10	24	<10	1120			
J981318		123	20	0.01	<10	<10	50	<10	132			
J981319		46	<20	0.01	<10	<10	24	<10	528			
J981320		26	<20	<0.01	<10	10	6	<10	5590	305		3.32
J981321		38	<20	<0.01	<10	<10	10	<10	290			
J981322		38	<20	<0.01	<10	<10	16	<10	97			
J981323		56	<20	0.01	<10	<10	45	<10	164			
J981324		214	<20	0.01	<10	<10	28	<10	103			
J981325		222	<20	0.01	<10	<10	31	<10	65			
J981326		52	<20	<0.01	<10	<10	18	<10	47			
J981327		178	<20	0.01	<10	<10	29	<10	84			
J981328		242	<20	<0.01	<10	<10	27	<10	108			
J981329		168	<20	<0.01	<10	<10	30	<10	162			
J981330		68	<20	<0.01	<10	<10	31	<10	377			
J981331		52	<20	<0.01	<10	<10	1	<10	15			
J981332		33	<20	0.02	<10	<10	37	<10	244			
J981333		37	<20	<0.01	<10	<10	17	<10	933			
J981334		15	<20	<0.01	<10	<10	29	<10	521			
J981335		17	<20	<0.01	<10	<10	11	170	>10000	411	3.58	2.99

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VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10125390

Project: Klaza

P.O. No.: Batch 56

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 9- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10125390

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
J999029		0.036
J999030		0.986
J999031		0.135
J999032		0.027
J999033		0.029
J999034		0.256
J999035		0.026
J999036		0.072
J999037		9.31
J999038		0.087
J999039		0.076
J999040		0.275
J999041		1.155
J999042		0.443
J999043		4.16
J999044		0.075
J999045		0.416
J999046		0.286
J999047		0.113
J999048		0.028
J999049		0.022
J999050		0.016
J999051		0.015
J999052		0.057
J999053		0.779
J999054		0.026
J999055		0.045
J999056		0.017
J999057		0.019
J999058		0.037
J999059		0.018
J999060		0.089
J999061		0.016
J999062		0.005
J999063		0.024
J999064		0.021

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

Finalized Date: 29- SEP- 2010
Account: ROCKHA

CERTIFICATE WH10133550

Project: Klaza

P.O. No.: Batch 73

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 17- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Ag- GRA21	Ag 30g FA- GRAV finish	WST- SIM
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10133550

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
J999700		0.50	1.605		>100	0.29	1615	<10	380	<0.5	32	0.10	7.6	1	2	943
J999701		0.51	0.509		>100	0.09	445	<10	20	<0.5	20	0.18	>1000	1	<1	527
J999702		1.17	0.099		>100	0.29	148	<10	40	0.5	4	6.17	>1000	8	<1	75
J999703		3.21	4.76		>100	0.31	>10000	<10	40	0.5	2	4.19	433	6	1	378
J999704		0.23	0.296		37.0	0.78	1010	<10	130	0.9	2	1.97	48.1	13	7	86
J999705		1.96	0.155		7.7	0.69	265	<10	330	<0.5	2	0.49	22.3	4	5	31
J999706		1.64	4.09		>100	0.37	1840	<10	860	0.5	22	0.18	25.9	4	3	297
J999707		1.63	0.006		1.6	0.07	36	<10	20	<0.5	<2	17.6	1.9	4	32	29
J999708		3.65	>10.0	14.15	>100	0.41	>10000	<10	460	0.6	17	0.39	85.5	2	8	764
J999709		2.14	0.023		1.0	1.05	45	<10	290	0.5	<2	0.44	9.4	26	7	965
J999710		3.46	0.423		21.1	0.52	1725	<10	220	<0.5	26	0.19	7.8	6	3	649
J999711		1.56	0.904		64.1	0.22	>10000	<10	280	<0.5	60	0.06	2.1	1	1	353
J999712		4.09	>10.0	22.0	>100	0.03	>10000	<10	10	<0.5	751	0.07	4.8	26	<1	839
J999713		3.15	1.955		>100	0.49	>10000	<10	60	<0.5	60	0.04	3.4	3	2	1205
J999714		3.45	0.046		11.6	0.46	2190	<10	570	<0.5	6	0.08	1.2	1	2	498
J999715		3.83	0.036		6.8	0.48	673	<10	800	0.5	4	0.24	7.4	21	6	853
J999716		1.79	1.535		>100	0.20	2140	<10	90	<0.5	25	0.03	17.8	2	3	934
J999717		2.81	0.147		27.0	0.35	1255	<10	770	<0.5	6	0.09	9.3	3	2	660
J999718		1.77	0.020		9.2	0.89	297	<10	470	<0.5	3	0.22	9.6	11	5	161
J999719		0.16	3.25		>100	0.17	>10000	<10	10	<0.5	3	0.40	303	2	8	1615
J999720		1.78	0.193		8.1	0.47	461	<10	100	<0.5	<2	0.10	2.3	<1	2	268
J999721		2.36	0.491		20.0	0.28	429	<10	80	<0.5	12	0.05	1.6	<1	1	120
J999722		1.91	6.85		>100	0.39	949	<10	240	<0.5	92	0.10	12.2	<1	2	524
J999723		2.25	0.078		3.4	0.50	216	<10	510	1.0	3	1.57	195.0	7	2	763
J999724		2.57	0.326		2.2	0.52	179	<10	390	1.0	3	2.40	6.8	8	2	38
J999725		3.05	0.006		1.1	0.38	72	<10	690	0.7	2	1.92	0.8	5	1	11
J999726		3.14	0.279		3.2	0.64	126	<10	470	1.2	3	1.32	14.3	5	1	75
J999727		1.58	0.814		8.0	0.67	764	<10	560	1.1	7	0.60	49.2	4	2	236
J999728		1.08	0.301		7.2	0.37	340	<10	160	<0.5	4	0.13	10.0	1	2	29
J999729		1.15	1.425		15.8	0.40	895	<10	190	<0.5	8	0.16	46.4	1	1	146
J999730		1.62	0.040		0.9	0.66	161	<10	110	1.0	<2	0.19	72.8	16	3	227
J999731		3.28	0.721		>100	0.51	1330	<10	60	<0.5	336	0.23	5.3	3	2	211
J999732		2.67	1.895		18.3	0.27	400	<10	90	<0.5	77	0.01	0.5	2	2	47
J999733		1.75	0.047		1.2	0.77	85	<10	520	0.8	<2	0.33	9.4	11	4	416
J999734		1.22	1.235		29.7	0.56	1180	<10	320	0.8	22	0.13	34.6	4	2	2680
J999735		2.50	0.591		2.7	0.56	177	<10	350	0.6	23	0.22	8.8	8	4	275

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

Finalized Date: 29- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10133550

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
J999700		8.27	<10	8	0.16	10	0.03	636	5	0.01	1	210	>10000	0.64	321	1
J999701		7.68	<10	7	0.09	<10	0.04	4130	<1	<0.01	<1	50	>10000	>10.0	565	<1
J999702		6.87	<10	4	0.19	<10	1.96	7750	<1	0.01	1	360	>10000	6.7	573	1
J999703		5.14	<10	2	0.17	<10	0.76	12800	1	0.01	1	240	>10000	3.75	464	2
J999704		3.03	<10	1	0.27	20	0.44	2080	1	0.01	9	450	2680	1.31	36	4
J999705		3.71	<10	<1	0.22	20	0.24	1005	<1	0.03	1	470	941	0.09	3	4
J999706		5.01	<10	<1	0.23	20	0.03	1355	2	0.02	1	410	>10000	0.31	104	4
J999707		0.56	<10	<1	0.02	<10	11.25	225	<1	0.02	10	220	175	<0.01	<2	1
J999708		8.63	<10	1	0.27	20	0.14	227	3	0.02	2	370	>10000	0.60	169	4
J999709		2.72	<10	<1	0.15	20	0.49	2130	1	0.07	3	600	97	0.01	<2	6
J999710		5.30	<10	<1	0.54	10	0.07	341	4	0.02	1	380	960	0.97	58	3
J999711		7.03	<10	1	0.21	10	0.03	59	5	0.01	<1	180	1005	0.53	439	1
J999712		28.7	<10	6	0.04	<10	0.03	<5	6	0.01	<1	50	>10000	>10.0	2680	1
J999713		11.15	<10	1	0.74	10	0.02	40	12	0.02	<1	280	>10000	3.24	970	2
J999714		4.66	<10	<1	0.22	10	0.02	66	1	0.01	1	640	487	0.24	45	2
J999715		4.12	<10	<1	0.20	20	0.04	1840	2	0.01	1	840	684	0.13	19	5
J999716		2.01	<10	1	0.17	10	0.01	64	2	0.01	<1	150	>10000	2.78	950	1
J999717		4.97	<10	<1	0.25	10	0.03	207	2	0.01	<1	430	2280	0.23	33	2
J999718		3.73	<10	<1	0.23	10	0.21	1195	<1	0.03	2	550	373	0.04	9	5
J999719		13.7	<10	1	0.07	<10	0.17	1455	<1	<0.01	12	140	>10000	>10.0	550	1
J999720		4.76	<10	<1	0.46	20	0.04	71	2	0.01	<1	640	3810	0.71	16	4
J999721		1.78	<10	<1	0.26	20	0.02	40	3	0.01	<1	420	3190	0.28	12	1
J999722		4.19	<10	10	0.37	10	0.04	83	6	0.01	1	1410	>10000	1.16	87	2
J999723		2.22	<10	<1	0.22	10	0.38	1365	1	0.01	4	1040	455	0.46	2	3
J999724		2.24	<10	<1	0.22	10	0.62	1260	2	0.02	6	750	205	0.56	<2	3
J999725		2.45	<10	<1	0.11	10	0.53	1115	1	0.02	2	790	111	0.17	<2	3
J999726		2.37	<10	<1	0.14	10	0.34	1110	1	0.02	2	770	440	0.30	2	4
J999727		5.95	<10	1	0.18	10	0.17	2310	4	0.02	2	680	1450	0.39	7	3
J999728		1.49	<10	<1	0.37	20	0.04	264	1	0.01	1	260	674	0.22	3	2
J999729		7.00	<10	1	0.53	20	0.05	300	3	0.02	4	770	1045	0.79	15	3
J999730		4.41	<10	<1	0.21	20	0.04	3170	<1	0.02	4	690	43	0.11	3	6
J999731		7.28	<10	2	0.95	10	0.04	130	<1	0.03	<1	460	1240	1.85	173	2
J999732		2.98	<10	<1	0.34	10	0.01	38	3	0.02	<1	360	615	1.74	6	1
J999733		3.01	<10	1	0.19	30	0.15	1480	<1	0.02	4	730	45	0.08	4	8
J999734		8.44	<10	1	0.45	30	0.04	1000	2	0.03	1	660	653	0.59	73	4
J999735		3.63	<10	<1	0.25	20	0.06	455	<1	0.03	2	510	57	0.31	10	4

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10133550

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Ag- GRA21	Pb- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Ag	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5	0.001
J999700		15	<20	<0.01	<10	<10	12	<10	1745	129			1.190
J999701		19	<20	<0.01	<10	<10	2	30	>10000	639	23.1		17.00
J999702		127	<20	<0.01	<10	<10	14	30	>10000	781	6.53		10.95
J999703		119	<20	<0.01	<10	<10	8	20	>10000	419	2.89		2.09
J999704		71	<20	<0.01	<10	<10	22	<10	3100				
J999705		24	<20	0.01	<10	<10	27	<10	2100				
J999706		19	<20	<0.01	<10	<10	14	<10	2860	117			2.55
J999707		49	<20	0.01	<10	10	10	<10	210				
J999708		106	<20	<0.01	<10	10	11	<10	1625	188			2.22
J999709		25	<20	0.08	<10	<10	48	<10	823				
J999710		66	<20	<0.01	<10	10	14	<10	405				
J999711		36	<20	<0.01	<10	<10	3	<10	234				
J999712		13	<20	<0.01	<10	<10	4	<10	408	>1500		1975	1.130
J999713		196	<20	<0.01	<10	<10	15	<10	450	229			2.79
J999714		17	<20	<0.01	<10	<10	12	<10	819				
J999715		23	<20	<0.01	<10	<10	37	<10	1145				
J999716		29	<20	<0.01	<10	<10	3	<10	262	1230			17.15
J999717		16	<20	<0.01	<10	<10	10	<10	1010				
J999718		19	<20	0.03	<10	<10	39	<10	1085				
J999719		18	<20	<0.01	<10	<10	8	150	>10000	446	3.63		3.10
J999720		33	<20	<0.01	<10	<10	10	<10	576				
J999721		25	<20	<0.01	<10	<10	4	<10	273				
J999722		50	<20	<0.01	<10	<10	7	<10	988	192			3.39
J999723		50	<20	<0.01	<10	<10	7	<10	5120				
J999724		119	<20	<0.01	<10	<10	10	<10	538				
J999725		62	<20	<0.01	<10	<10	10	<10	158				
J999726		69	<20	<0.01	<10	<10	16	<10	1230				
J999727		59	<20	<0.01	<10	<10	14	<10	3650				
J999728		31	<20	<0.01	<10	<10	5	<10	476				
J999729		98	<20	<0.01	<10	<10	12	<10	2110				
J999730		17	<20	<0.01	<10	<10	34	<10	3730				
J999731		56	<20	<0.01	<10	<10	10	<10	306	101			
J999732		9	<20	<0.01	<10	<10	5	<10	63				
J999733		14	<20	0.01	<10	<10	34	<10	892				
J999734		95	<20	<0.01	<10	<10	12	<10	1220				
J999735		33	<20	<0.01	<10	<10	15	<10	656				

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VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2010
Account: ROCKHA

CERTIFICATE WH10134615

Project: KLAZA

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- OCT- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10134615

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J982416		6.76	<0.005	0.2	0.63	7	<10	320	0.6	<2	1.54	<0.5	5	6	5	2.45
J982417		8.95	0.012	5.1	0.94	21	<10	1100	0.6	<2	2.76	5.9	6	5	12	2.84
J982418		7.22	<0.005	<0.2	0.94	6	<10	130	<0.5	<2	1.02	<0.5	6	9	10	2.47
J982419		5.37	0.025	5.9	0.93	218	<10	780	0.7	<2	1.72	34.4	6	5	45	3.19
J982420		7.03	<0.005	<0.2	0.89	7	<10	180	<0.5	<2	1.38	<0.5	5	8	10	2.47
J982421		3.05	<0.005	<0.2	1.09	7	<10	210	<0.5	<2	1.42	0.5	5	8	10	2.58
J982422		6.95	<0.005	<0.2	0.97	4	<10	140	<0.5	<2	1.02	<0.5	3	9	3	2.37
J982423		5.01	<0.005	<0.2	1.19	4	<10	660	<0.5	<2	1.39	<0.5	7	9	5	2.78
J982424		3.64	0.014	0.9	0.51	17	<10	110	0.5	<2	2.90	<0.5	17	3	4	2.95
J982425		6.01	0.014	1.1	1.00	24	<10	170	0.6	<2	1.96	5.2	8	6	15	3.18
J982426		3.69	0.008	0.4	0.56	16	<10	100	0.5	<2	1.05	2.5	12	4	5	2.75
J982427		0.12	0.234	>100	1.08	4890	<10	50	<0.5	<2	1.45	143.0	11	27	566	7.73
J982428		3.63	0.010	1.4	0.91	34	<10	90	0.7	<2	1.53	2.4	5	6	14	2.88
J982429		5.19	<0.005	0.2	1.03	6	<10	110	<0.5	<2	1.13	<0.5	4	10	5	2.69
J982430		9.22	<0.005	0.4	1.00	14	<10	450	0.6	<2	1.08	2.9	7	6	5	2.85
J982431		8.04	4.34	71.2	0.35	>10000	<10	40	0.5	5	1.17	161.0	9	18	434	4.52
J982432		3.25	0.008	0.2	0.06	170	<10	180	<0.5	<2	19.7	<0.5	1	1	8	0.48
J982433		3.24	0.015	0.5	0.97	83	<10	180	0.5	<2	1.60	1.9	5	6	9	2.51
J982434		6.08	0.054	2.9	0.59	32	<10	380	0.5	2	2.41	12.2	6	5	12	2.66
J982435		6.90	<0.005	0.2	1.03	10	<10	220	<0.5	<2	1.55	<0.5	6	10	8	2.68
J982436		7.25	<0.005	0.2	0.84	19	<10	190	<0.5	<2	1.54	0.5	7	8	8	2.52
J982437		3.82	0.022	0.5	0.80	52	<10	320	0.6	<2	2.40	1.1	6	5	5	2.80
J982438		0.12	0.230	>100	1.05	4770	<10	50	<0.5	<2	1.41	139.5	11	27	549	7.57
J982439		7.16	0.007	0.9	0.89	24	<10	240	<0.5	<2	1.65	<0.5	7	8	22	2.56
J982440		7.33	0.005	0.4	1.23	18	<10	180	<0.5	<2	1.66	<0.5	6	9	12	2.79
J982441		7.13	0.006	0.4	0.95	29	<10	210	0.5	<2	3.08	0.5	7	6	39	2.41
J982442		10.01	0.149	1.8	0.85	46	<10	460	0.8	2	2.67	6.2	5	4	24	2.75
J982443		8.50	0.005	0.5	0.45	71	<10	1010	0.8	<2	2.80	<0.5	6	3	6	2.30
J982444		7.97	0.018	0.7	0.69	68	<10	870	0.9	<2	2.21	<0.5	7	3	7	2.44
J982445		5.52	0.068	2.1	0.52	204	<10	660	0.9	<2	2.46	6.4	6	3	35	2.74
J982446		2.35	8.50	>100	0.54	>10000	<10	30	0.6	19	1.16	628	13	2	3800	7.99
J982447		3.58	0.005	1.2	0.04	66	<10	20	<0.5	<2	20.2	0.6	1	1	16	0.48
J982448		6.48	0.406	12.2	0.89	749	<10	340	0.9	<2	2.24	12.5	7	4	56	3.09
J982449		4.97	0.024	0.9	0.74	35	<10	1350	0.9	<2	2.36	1.8	7	3	13	2.29
J982450		6.07	0.118	2.0	0.57	135	<10	560	0.8	2	2.26	5.9	7	3	29	2.92
J982451		8.41	0.377	3.7	0.83	2190	<10	510	0.9	<2	1.92	7.6	6	4	29	3.43

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

Finalized Date: 6- OCT- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10134615

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J982416		<10	<1	0.14	20	0.35	574	1	0.04	2	570	8	0.04	<2	7	48
J982417		<10	1	0.23	20	0.60	1340	1	0.05	1	520	663	0.13	5	6	58
J982418		<10	<1	0.13	10	0.59	403	1	0.07	1	550	10	0.01	<2	5	40
J982419		<10	1	0.26	20	0.40	1520	1	0.03	1	560	1205	0.31	8	7	54
J982420		<10	<1	0.13	20	0.59	536	1	0.06	1	560	15	0.11	<2	5	42
J982421		<10	<1	0.19	20	0.58	552	1	0.09	1	530	22	0.10	<2	6	49
J982422		10	<1	0.11	10	0.71	359	<1	0.06	2	570	10	0.03	<2	4	33
J982423		<10	1	0.17	20	0.67	488	<1	0.11	2	620	8	0.26	<2	7	70
J982424		<10	<1	0.21	20	0.37	1605	1	0.02	1	560	13	1.59	<2	5	64
J982425		<10	1	0.27	20	0.61	1015	1	0.05	1	580	274	0.53	<2	6	55
J982426		<10	<1	0.15	30	0.14	796	1	0.01	2	570	31	0.45	4	7	25
J982427		<10	2	0.15	10	0.48	1270	7	0.06	25	510	9830	7.1	104	3	78
J982428		<10	<1	0.22	20	0.40	915	1	0.02	3	590	311	0.34	4	7	36
J982429		10	<1	0.11	20	0.73	442	1	0.06	<1	560	11	0.05	<2	6	39
J982430		<10	<1	0.20	30	0.27	808	1	0.02	2	590	88	0.25	3	8	30
J982431		<10	1	0.24	10	0.38	868	3	0.01	5	400	>10000	4.68	111	2	20
J982432		<10	1	0.02	10	12.35	211	<1	0.02	1	180	33	<0.01	<2	<1	51
J982433		<10	<1	0.13	20	0.59	467	1	0.05	1	560	90	0.11	<2	7	53
J982434		<10	1	0.16	20	0.80	857	1	0.04	1	540	430	0.32	2	6	82
J982435		<10	<1	0.20	20	0.69	628	1	0.09	1	560	13	0.08	<2	6	68
J982436		<10	1	0.15	20	0.63	660	1	0.06	1	570	32	0.17	<2	5	63
J982437		<10	<1	0.23	30	0.76	748	1	0.05	2	550	74	0.31	<2	7	79
J982438		<10	1	0.15	10	0.47	1240	6	0.07	24	490	9560	6.9	103	3	75
J982439		10	<1	0.14	20	0.69	573	1	0.06	2	560	41	0.24	<2	6	61
J982440		<10	<1	0.20	20	0.67	638	1	0.10	3	560	56	0.17	<2	7	64
J982441		<10	1	0.12	20	0.61	651	<1	0.04	1	560	17	0.16	<2	6	104
J982442		<10	1	0.31	20	0.88	906	1	0.03	1	520	360	0.28	4	6	107
J982443		<10	<1	0.26	10	0.91	982	2	0.02	4	550	17	0.34	2	4	98
J982444		<10	1	0.34	10	0.77	982	5	0.02	3	490	45	0.39	3	4	107
J982445		<10	<1	0.25	20	0.75	821	2	0.02	1	560	218	0.57	7	5	115
J982446		<10	2	0.29	10	0.39	885	1	0.01	1	350	>10000	>10.0	475	2	54
J982447		<10	<1	0.02	10	12.70	221	<1	0.02	1	190	57	<0.01	<2	<1	51
J982448		<10	1	0.33	20	0.61	940	1	0.02	2	540	929	0.97	15	5	91
J982449		<10	<1	0.34	10	0.78	695	2	0.02	3	550	97	0.28	3	5	118
J982450		<10	<1	0.22	20	0.80	805	<1	0.02	5	540	275	0.60	4	6	142
J982451		<10	<1	0.33	20	0.68	1180	1	0.02	1	580	860	0.62	7	8	75

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 6- OCT- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10134615

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
J982416		<20	0.01	<10	<10	39	<10	57			
J982417		<20	0.01	<10	<10	36	<10	447			
J982418		<20	0.06	<10	<10	47	<10	35			
J982419		<20	0.01	<10	<10	35	<10	2220			
J982420		<20	0.06	<10	<10	47	<10	55			
J982421		<20	0.06	<10	<10	48	<10	69			
J982422		<20	0.10	<10	<10	53	<10	40			
J982423		<20	0.07	<10	<10	57	<10	36			
J982424		<20	<0.01	<10	<10	20	<10	32			
J982425		<20	0.01	<10	<10	39	<10	408			
J982426		<20	<0.01	<10	<10	32	<10	465			
J982427		<20	0.05	<10	<10	36	20	>10000	342	1.270	
J982428		<20	<0.01	<10	<10	38	<10	343			
J982429		<20	0.06	<10	<10	52	<10	49			
J982430		<20	<0.01	<10	<10	40	<10	328			
J982431		<20	<0.01	<10	<10	10	<10	>10000		1.010	1.580
J982432		<20	<0.01	<10	<10	2	<10	175			
J982433		<20	0.02	<10	<10	40	<10	518			
J982434		<20	0.01	<10	<10	33	<10	808			
J982435		<20	0.03	<10	<10	44	<10	45			
J982436		<20	0.03	<10	<10	41	<10	65			
J982437		<20	<0.01	<10	<10	35	<10	113			
J982438		<20	0.05	<10	<10	35	20	>10000	336	1.250	
J982439		<20	0.02	<10	<10	42	<10	71			
J982440		20	0.02	<10	<10	47	<10	51			
J982441		<20	0.01	<10	<10	39	<10	66			
J982442		<20	<0.01	<10	<10	34	<10	452			
J982443		<20	<0.01	<10	<10	24	<10	64			
J982444		<20	<0.01	<10	<10	23	<10	84			
J982445		<20	<0.01	<10	<10	24	<10	469			
J982446		<20	<0.01	<10	<10	11	30	>10000	489	4.06	8.36
J982447		<20	<0.01	<10	<10	1	<10	176			
J982448		<20	<0.01	<10	<10	25	<10	837			
J982449		<20	<0.01	<10	<10	30	<10	168			
J982450		<20	<0.01	<10	<10	27	<10	413			
J982451		<20	<0.01	<10	<10	32	<10	502			

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

Finalized Date: 13- OCT- 2010
Account: ROCKHA

CERTIFICATE WH10140651

Project: Klaza

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 13- OCT- 2010
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Project: Klaza

CERTIFICATE OF ANALYSIS WH10140651

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
J982452		9.41	0.164		13.4	0.46	886	<10	370	1.0	2	2.03	9.7	6	4	47
J982453		8.04	0.097		1.7	1.11	759	<10	440	0.7	2	1.63	7.7	6	5	23
J982454		8.23	0.156		6.6	1.00	1520	<10	630	0.7	2	1.81	12.9	8	4	43
J982455		7.06	0.308		3.2	0.81	1060	<10	390	0.9	3	1.94	4.2	7	3	33
J982456		5.61	0.143		4.7	0.50	835	<10	160	0.8	2	2.80	15.9	8	2	47
J982457		2.61	0.151		4.4	0.69	1030	<10	110	0.9	2	2.88	18.7	7	2	51
J982458		4.98	<0.005		0.2	0.58	8	<10	1470	0.8	3	1.80	<0.5	6	6	6
J982459		6.74	<0.005		0.2	0.78	6	<10	1070	0.8	2	1.83	<0.5	5	5	8
J982460		8.27	>10.0	13.05	>100	0.41	>10000	<10	10	0.5	10	1.43	528	4	2	897
J982461		2.50	0.010		0.3	0.05	21	<10	30	<0.5	<2	20.1	0.6	<1	1	1
J982462		7.11	1.485		33.9	0.66	722	<10	60	0.7	11	1.76	31.2	7	4	139
J982463		7.28	0.006		0.4	0.76	23	<10	470	0.5	2	1.80	0.9	7	7	11
J982464		8.71	0.028		0.6	1.05	37	<10	790	0.8	<2	2.34	2.2	8	6	10
J982465		8.82	0.015		1.1	0.65	22	<10	510	0.6	3	2.28	0.7	7	5	8
J982466		0.17	3.30		>100	0.21	>10000	<10	10	<0.5	3	0.40	342	3	9	1730
J982467		8.39	1.430		70.3	0.61	4570	<10	30	0.7	12	2.27	62.5	9	3	372
J982468		2.41	<0.005		0.3	0.76	29	<10	1230	1.1	2	2.72	<0.5	7	7	13
J982469		5.80	1.340		24.2	0.58	8590	<10	20	0.7	5	1.68	129.5	7	2	141
J982470		4.35	0.829		16.4	0.48	1800	<10	30	0.8	8	2.56	25.2	8	2	64
J982471		5.99	0.010		1.0	0.84	33	<10	1050	0.5	2	1.74	1.2	4	7	7
J982472		7.23	0.010		0.7	0.59	65	<10	840	0.5	2	3.11	2.4	5	9	9
J982473		3.65	1.015		32.2	0.55	2680	<10	30	0.7	9	1.60	63.8	7	3	220
J982474		0.24	0.181		>100	1.10	4620	<10	50	<0.5	2	1.45	140.5	12	27	558
J982475		6.77	0.398		15.9	0.73	609	<10	40	0.6	7	1.68	24.6	7	4	219
J982476		4.35	0.293		39.7	0.47	368	<10	170	0.7	9	1.88	36.9	7	4	119
J982477		7.56	0.199		2.9	0.69	313	<10	80	0.8	3	1.37	7.2	8	4	16
J982478		9.61	0.020		0.9	0.48	109	<10	170	0.8	4	2.14	1.4	7	4	11
J982479		9.58	0.011		0.3	0.95	7	<10	340	0.6	3	1.80	<0.5	7	7	5
J982480		6.45	0.019		0.4	0.73	13	<10	300	0.7	3	1.83	<0.5	6	5	14
J982481		6.68	0.038		1.8	0.72	172	<10	130	0.7	2	2.06	1.8	8	4	14
J982482		7.83	0.029		0.3	1.08	5	<10	190	<0.5	4	1.75	<0.5	7	9	6
J982483		10.15	0.013		0.3	1.31	5	<10	300	<0.5	2	1.45	<0.5	7	10	9
J982484		9.71	<0.005		<0.2	1.20	4	<10	180	<0.5	2	1.08	<0.5	6	10	10
J982485		1.78	<0.005		0.5	0.05	<2	<10	10	<0.5	<2	20.4	<0.5	<1	1	<1
J982486		9.65	0.009		0.2	1.31	7	<10	430	<0.5	2	1.71	<0.5	6	9	17
J982487		7.85	0.007		<0.2	1.15	3	<10	220	<0.5	3	1.25	<0.5	7	11	16

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Project: Klaza

CERTIFICATE OF ANALYSIS WH10140651

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
J982452		3.14	<10	1	0.22	20	0.66	1510	1	<0.01	2	580	2720	0.54	16	6
J982453		3.02	<10	1	0.21	20	0.66	667	<1	0.03	2	560	278	0.22	2	7
J982454		3.11	<10	<1	0.20	20	0.59	995	2	<0.01	5	630	1280	0.43	7	9
J982455		2.65	<10	1	0.29	20	0.61	1260	2	<0.01	1	560	560	0.59	6	7
J982456		2.82	<10	<1	0.30	20	0.88	2070	3	<0.01	1	530	969	1.00	11	5
J982457		3.01	<10	1	0.39	20	0.89	2160	3	<0.01	3	530	919	1.10	10	5
J982458		2.07	<10	1	0.25	10	0.70	674	2	<0.01	3	800	23	0.03	2	4
J982459		2.04	<10	<1	0.32	10	0.74	606	<1	<0.01	3	750	25	0.03	<2	4
J982460		6.72	<10	2	0.25	<10	0.44	2030	23	<0.01	1	300	>10000	8.0	267	2
J982461		0.43	<10	2	0.02	<10	12.65	202	<1	<0.01	6	290	28	<0.01	<2	<1
J982462		3.56	<10	1	0.29	10	0.63	1625	2	<0.01	1	430	5880	2.05	42	6
J982463		2.73	<10	1	0.21	20	0.71	866	<1	0.01	<1	610	72	0.08	<2	9
J982464		2.89	<10	<1	0.28	20	0.66	749	1	0.01	1	630	116	0.19	4	9
J982465		2.68	<10	<1	0.17	20	0.73	791	<1	<0.01	1	560	43	0.17	2	9
J982466		15.1	<10	1	0.09	<10	0.18	1565	<1	<0.01	9	130	>10000	>10.0	593	1
J982467		4.46	<10	1	0.33	10	0.70	1420	4	<0.01	1	450	>10000	3.56	79	5
J982468		3.03	<10	1	0.20	10	1.13	850	<1	<0.01	4	660	28	0.06	4	5
J982469		4.64	<10	2	0.36	10	0.55	1725	15	<0.01	<1	430	2610	3.42	58	3
J982470		3.55	<10	1	0.25	10	0.78	1685	18	<0.01	2	410	1090	2.02	29	5
J982471		1.44	<10	<1	0.11	10	0.63	493	9	<0.01	7	310	51	0.17	8	4
J982472		1.88	<10	1	0.07	10	1.08	843	3	<0.01	9	350	38	0.23	3	5
J982473		4.13	<10	<1	0.33	10	0.58	1405	1	<0.01	4	410	5200	3.42	60	4
J982474		7.71	<10	2	0.15	<10	0.48	1250	6	0.05	24	500	9760	6.5	99	3
J982475		4.62	<10	1	0.41	10	0.55	1975	1	<0.01	2	460	1760	3.37	55	4
J982476		3.38	<10	2	0.25	10	0.63	1385	3	<0.01	1	470	>10000	1.73	45	6
J982477		2.70	<10	2	0.34	20	0.43	939	9	<0.01	<1	430	382	1.24	16	5
J982478		2.78	<10	2	0.20	10	0.70	1175	1	<0.01	<1	520	85	1.05	5	6
J982479		2.96	<10	<1	0.22	20	0.59	547	<1	0.04	1	570	17	0.58	2	7
J982480		2.66	<10	1	0.20	10	0.61	619	<1	<0.01	2	500	21	0.72	3	7
J982481		2.82	<10	1	0.24	20	0.65	850	<1	<0.01	1	510	352	0.98	5	7
J982482		2.84	<10	1	0.15	20	0.72	546	1	0.04	3	590	18	0.61	<2	6
J982483		2.87	<10	<1	0.20	20	0.76	530	<1	0.07	3	580	18	0.37	<2	5
J982484		2.55	10	<1	0.13	10	0.72	453	<1	0.05	2	610	15	0.04	<2	4
J982485		0.44	<10	1	0.02	<10	13.05	200	<1	<0.01	3	240	2	<0.01	<2	<1
J982486		2.82	<10	1	0.20	20	0.70	684	<1	0.05	2	560	62	0.61	2	5
J982487		2.62	<10	<1	0.11	10	0.94	442	<1	0.06	2	620	15	0.43	<2	3

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

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

Finalized Date: 13- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10140651

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Zn- OG46 Zn % 0.001	Pb- OG46 Pb % 0.001
J982452		73	<20	<0.01	<10	<10	22	<10	670			
J982453		85	<20	0.01	<10	<10	34	<10	509			
J982454		59	<20	<0.01	<10	<10	36	<10	861			
J982455		61	<20	<0.01	<10	<10	21	<10	326			
J982456		56	<20	<0.01	<10	<10	10	<10	1110			
J982457		60	<20	<0.01	<10	<10	12	<10	1320			
J982458		157	<20	<0.01	<10	<10	26	<10	87			
J982459		210	<20	<0.01	<10	<10	25	<10	104			
J982460		29	<20	<0.01	<10	<10	6	10	>10000	143	3.37	2.45
J982461		47	<20	<0.01	<10	10	<1	<10	55			
J982462		51	<20	<0.01	<10	<10	21	<10	3320			
J982463		64	<20	0.03	<10	<10	42	<10	110			
J982464		91	<20	0.01	<10	<10	44	<10	190			
J982465		92	<20	<0.01	<10	<10	38	<10	96			
J982466		19	<20	<0.01	<10	<10	8	150	>10000	424	3.56	3.02
J982467		54	<20	<0.01	<10	<10	17	<10	4220			1.140
J982468		239	<20	<0.01	<10	<10	38	<10	121			
J982469		42	<20	<0.01	<10	<10	9	<10	7990			
J982470		74	<20	<0.01	<10	<10	13	<10	1940			
J982471		71	<20	<0.01	<10	10	19	<10	114			
J982472		95	<20	<0.01	<10	<10	25	<10	166			
J982473		57	<20	<0.01	<10	<10	11	<10	4160			
J982474		77	<20	0.06	<10	<10	36	20	>10000	345	1.300	
J982475		59	<20	<0.01	<10	<10	15	<10	1930			
J982476		72	<20	<0.01	<10	<10	22	<10	2510			0.969
J982477		65	<20	<0.01	<10	10	18	<10	519			
J982478		95	<20	<0.01	<10	<10	23	<10	113			
J982479		85	<20	0.01	<10	<10	41	<10	43			
J982480		87	<20	<0.01	<10	<10	26	<10	55			
J982481		92	<20	<0.01	<10	<10	25	<10	157			
J982482		65	<20	0.02	<10	<10	46	<10	45			
J982483		71	<20	0.10	<10	<10	53	<10	41			
J982484		64	<20	0.13	<10	<10	57	<10	36			
J982485		50	<20	<0.01	<10	10	<1	<10	14			
J982486		83	<20	0.06	<10	<10	46	<10	74			
J982487		61	<20	0.13	<10	<10	54	<10	43			

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2010
Account: ROCKHA

CERTIFICATE WH10143142

Project: Klaza

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- OCT- 2010
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Project: Klaza

CERTIFICATE OF ANALYSIS WH10143142

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J982488		9.29	<0.005	<0.2	1.26	7	<10	250	<0.5	<2	0.97	<0.5	8	39	29	2.52
J982489		10.64	0.005	<0.2	1.23	8	<10	220	<0.5	<2	1.46	1.0	6	12	15	2.65
J982490		4.90	0.006	0.2	1.16	9	<10	220	<0.5	<2	1.30	0.9	6	11	13	2.58
J982491		8.78	0.029	0.2	1.18	5	<10	110	<0.5	<2	1.76	<0.5	7	9	4	2.94
J982492		9.59	0.011	<0.2	1.13	15	<10	140	<0.5	2	1.65	1.2	6	9	15	2.79
J982493		9.69	<0.005	0.3	1.02	16	<10	170	<0.5	<2	1.22	<0.5	6	10	15	2.54
J982494		8.48	<0.005	<0.2	0.77	12	<10	350	0.5	2	1.16	<0.5	6	7	7	2.41
J982495		10.30	0.009	3.3	0.73	12	<10	360	<0.5	<2	1.16	<0.5	7	8	12	2.48
J982496		5.05	0.034	2.7	0.77	369	<10	210	0.9	2	2.90	10.7	16	4	26	4.78
J982497		0.21	0.252	>100	0.99	4680	<10	40	<0.5	<2	1.39	141.0	10	26	529	7.50
J982498		6.32	<0.005	<0.2	0.70	14	<10	390	0.6	<2	1.54	1.2	9	5	12	2.60
J982499		5.47	<0.005	<0.2	0.51	16	<10	360	0.7	<2	2.72	1.3	6	4	4	2.35
J980000		3.76	0.019	0.3	0.68	60	<10	630	0.7	<2	1.01	1.8	8	5	14	2.71
J980001		11.59	<0.005	<0.2	0.86	10	<10	250	<0.5	<2	1.12	<0.5	5	8	5	2.37
J980002		8.66	<0.005	<0.2	1.00	11	<10	220	<0.5	<2	1.04	<0.5	5	11	7	2.45
J980003		8.65	0.031	0.6	0.40	39	<10	290	<0.5	2	2.22	<0.5	5	5	<1	1.60
J980004		8.47	<0.005	<0.2	0.49	5	<10	760	0.6	2	3.17	<0.5	7	5	<1	2.00
J980005		9.70	0.053	<0.2	0.58	20	<10	390	0.6	2	2.17	<0.5	6	6	4	2.51
J980006		1.26	<0.005	<0.2	0.04	2	<10	20	<0.5	3	19.0	<0.5	<1	1	<1	0.39
J980007		6.83	<0.005	<0.2	0.73	11	<10	300	<0.5	<2	1.89	<0.5	5	7	9	2.27
J980008		9.58	<0.005	<0.2	0.92	6	<10	120	<0.5	<2	1.43	<0.5	4	12	5	2.52
J980009		8.33	<0.005	<0.2	0.74	8	<10	210	<0.5	<2	1.64	<0.5	5	8	8	2.46
J980010		5.37	<0.005	<0.2	0.92	5	<10	230	<0.5	<2	1.34	<0.5	5	9	<1	2.51
J980011		3.14	0.022	5.1	0.44	18	<10	180	0.6	<2	2.04	3.2	18	6	26	2.58
J980012		0.21	0.248	>100	0.99	4670	<10	40	<0.5	2	1.38	139.5	11	25	523	7.40
J980013		5.00	<0.005	0.8	0.97	59	<10	220	<0.5	<2	1.36	<0.5	7	9	6	2.66
J980014		4.20	<0.005	<0.2	0.67	3	<10	570	0.5	<2	1.79	<0.5	7	7	4	2.54
J980015		9.02	<0.005	<0.2	0.92	7	<10	230	<0.5	<2	1.30	<0.5	5	9	<1	2.53
J980016		9.58	<0.005	<0.2	1.01	8	<10	200	<0.5	<2	1.30	<0.5	6	9	<1	2.62
J980017		5.97	<0.005	<0.2	0.85	7	<10	300	<0.5	<2	1.31	<0.5	7	9	8	2.56
J980018		8.51	<0.005	<0.2	0.60	7	<10	240	0.7	<2	2.59	<0.5	6	6	1	2.40
J980019		1.27	<0.005	<0.2	0.03	2	<10	10	<0.5	<2	18.7	<0.5	<1	1	<1	0.39
J980020		9.30	<0.005	<0.2	1.62	8	<10	270	0.6	<2	3.56	<0.5	8	26	<1	3.39
J980021		7.95	0.005	<0.2	1.95	13	<10	240	<0.5	<2	2.61	0.5	7	28	3	3.63
J980022		7.76	<0.005	<0.2	1.18	7	<10	420	<0.5	<2	1.72	<0.5	7	8	1	2.44
J980023		7.14	0.072	1.0	0.76	15	<10	240	<0.5	2	2.11	5.3	8	8	20	2.75

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

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VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10143142

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J982488		10	<1	0.12	20	0.67	461	1	0.09	13	620	11	0.19	<2	3	74
J982489		10	<1	0.16	20	0.67	661	1	0.10	3	630	29	0.23	<2	5	67
J982490		<10	<1	0.15	20	0.65	598	1	0.10	3	620	29	0.21	<2	4	61
J982491		<10	<1	0.15	20	0.74	659	1	0.08	3	610	30	1.63	<2	5	80
J982492		<10	<1	0.13	20	0.73	632	1	0.08	8	610	17	0.60	<2	5	70
J982493		<10	<1	0.15	10	0.63	540	1	0.09	5	580	14	0.32	<2	4	64
J982494		<10	<1	0.17	20	0.31	402	<1	0.07	3	540	8	0.12	<2	6	45
J982495		<10	<1	0.19	30	0.45	398	<1	0.09	3	540	687	0.32	<2	5	53
J982496		<10	<1	0.22	10	0.63	2880	1	0.05	6	1170	365	1.03	5	10	65
J982497		<10	1	0.14	10	0.45	1240	6	0.08	30	510	9430	6.8	87	3	74
J982498		<10	<1	0.17	20	0.30	650	1	0.03	2	580	29	0.16	2	8	50
J982499		<10	<1	0.15	20	0.31	737	1	<0.01	1	510	14	0.05	<2	8	56
J980000		<10	1	0.20	20	0.15	1070	1	<0.01	1	560	87	0.07	<2	8	29
J980001		<10	<1	0.17	20	0.47	467	<1	0.09	3	560	8	0.05	<2	5	43
J980002		<10	<1	0.15	20	0.57	464	<1	0.10	3	560	9	0.10	<2	5	39
J980003		<10	<1	0.21	20	0.34	1200	<1	0.04	3	520	81	0.74	<2	4	59
J980004		<10	<1	0.17	20	0.76	731	<1	0.04	2	510	7	0.32	<2	6	73
J980005		<10	<1	0.22	20	0.62	1270	1	0.04	3	550	7	0.59	<2	6	59
J980006		<10	<1	0.02	10	12.20	178	<1	0.03	5	220	<2	<0.01	<2	<1	46
J980007		<10	<1	0.14	20	0.61	692	2	0.06	3	570	6	0.28	<2	6	59
J980008		<10	<1	0.12	20	0.68	521	1	0.09	3	580	7	0.06	<2	6	51
J980009		<10	<1	0.13	20	0.62	602	1	0.07	3	580	7	0.14	<2	6	57
J980010		10	<1	0.12	20	0.67	476	1	0.09	3	580	7	0.10	<2	6	51
J980011		<10	1	0.18	20	0.49	991	1	0.04	3	510	648	0.55	9	6	50
J980012		<10	1	0.14	<10	0.45	1230	6	0.08	26	510	9300	6.8	87	3	74
J980013		<10	<1	0.13	20	0.67	469	<1	0.09	3	580	24	0.27	<2	6	51
J980014		<10	<1	0.15	20	0.61	474	<1	0.03	<1	560	11	0.23	<2	6	74
J980015		10	1	0.12	20	0.71	439	1	0.09	3	600	12	0.13	<2	6	44
J980016		<10	<1	0.12	20	0.71	440	<1	0.10	3	590	11	0.15	<2	6	43
J980017		<10	<1	0.11	20	0.57	401	<1	0.09	4	570	10	0.17	<2	7	59
J980018		<10	<1	0.17	20	0.62	511	<1	0.05	3	610	10	0.17	<2	9	83
J980019		<10	<1	0.02	10	11.90	175	<1	0.04	5	220	<2	<0.01	<2	<1	47
J980020		10	<1	0.12	30	1.46	780	2	0.08	6	950	8	0.21	<2	12	129
J980021		10	<1	0.16	20	1.60	622	1	0.15	5	920	29	0.13	<2	9	134
J980022		<10	<1	0.15	30	0.78	476	<1	0.07	3	590	11	0.35	<2	6	59
J980023		<10	<1	0.22	20	0.61	1010	<1	0.06	4	570	373	1.02	<2	5	60

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VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10143142

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
J982488		<20	0.13	<10	<10	53	<10	42		
J982489		<20	0.10	<10	<10	51	<10	89		
J982490		<20	0.11	<10	<10	50	<10	84		
J982491		<20	0.03	<10	<10	39	<10	63		
J982492		<20	0.05	<10	<10	47	<10	117		
J982493		<20	0.08	<10	<10	45	<10	42		
J982494		<20	0.04	<10	<10	39	<10	37		
J982495		<20	0.06	<10	<10	39	<10	37		
J982496		<20	<0.01	<10	<10	64	<10	931		
J982497		<20	0.05	<10	<10	31	20	>10000	346	1.290
J982498		<20	0.02	<10	<10	40	<10	138		
J982499		<20	<0.01	<10	<10	34	<10	183		
J980000		<20	0.01	<10	<10	33	<10	267		
J980001		<20	0.06	<10	<10	41	<10	38		
J980002		<20	0.07	<10	<10	43	<10	40		
J980003		<20	<0.01	<10	<10	11	<10	44		
J980004		<20	<0.01	<10	<10	26	<10	38		
J980005		<20	<0.01	<10	<10	27	<10	37		
J980006		<20	<0.01	<10	<10	<1	<10	14		
J980007		<20	<0.01	<10	<10	32	<10	37		
J980008		<20	0.02	<10	<10	41	<10	38		
J980009		<20	0.01	<10	<10	37	<10	37		
J980010		<20	0.03	<10	<10	41	<10	39		
J980011		<20	<0.01	<10	<10	25	<10	376		
J980012		<20	0.05	<10	<10	31	20	>10000	336	1.255
J980013		<20	0.02	<10	<10	40	<10	190		
J980014		<20	0.01	<10	<10	37	<10	41		
J980015		<20	0.05	<10	<10	43	<10	43		
J980016		<20	0.04	<10	<10	43	<10	49		
J980017		<20	0.03	<10	<10	40	<10	48		
J980018		<20	<0.01	<10	<10	37	<10	46		
J980019		<20	<0.01	<10	<10	<1	<10	15		
J980020		<20	0.01	<10	<10	89	<10	54		
J980021		<20	0.07	<10	<10	100	<10	90		
J980022		<20	<0.01	<10	<10	39	<10	46		
J980023		<20	<0.01	<10	<10	29	<10	576		

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2010
Account: ROCKHA

CERTIFICATE WH10143143

Project: Klaza

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 4- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 16- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10143143

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J980024		9.95	<0.005	<0.2	1.02	7	<10	330	<0.5	<2	1.69	<0.5	6	10	8	2.55
J980025		8.18	<0.005	<0.2	0.89	6	<10	310	<0.5	2	1.75	<0.5	6	8	10	2.40
J980026		3.19	0.032	1.9	0.52	34	<10	30	0.5	<2	3.20	1.0	9	6	10	3.30
J980027		0.22	0.251	>100	1.02	4760	<10	40	<0.5	<2	1.41	141.0	10	26	532	7.47
J980028		4.62	0.007	<0.2	0.94	5	<10	300	<0.5	<2	1.49	<0.5	5	9	14	2.43
J980029		5.22	0.018	<0.2	0.76	9	<10	250	<0.5	3	2.41	<0.5	6	7	11	1.99
J980030		5.48	<0.005	<0.2	1.05	10	<10	240	<0.5	<2	1.79	<0.5	4	10	9	2.21
J980031		5.66	<0.005	<0.2	1.06	5	<10	330	<0.5	<2	1.27	<0.5	4	11	16	2.44
J980032		6.09	<0.005	<0.2	0.56	11	<10	770	0.7	<2	1.90	2.3	4	6	2	1.90
J980033		6.79	<0.005	<0.2	0.58	17	<10	2000	0.8	<2	1.94	1.1	4	5	3	1.99
J980034		5.12	0.086	2.4	0.43	155	<10	100	0.7	<2	2.81	5.0	5	7	21	2.32
J980035		1.89	<0.005	<0.2	0.03	2	<10	30	<0.5	2	19.7	<0.5	1	1	1	0.39
J980036		8.11	0.042	2.6	0.44	162	<10	340	0.7	7	2.98	0.5	7	12	19	2.02
J980037		9.30	0.008	0.5	0.86	72	<10	260	0.7	<2	1.64	3.0	6	5	5	2.58
J980038		4.81	0.045	3.3	0.52	237	<10	180	0.6	<2	0.56	14.7	6	5	16	2.52
J980039		10.04	0.034	1.6	0.59	113	<10	510	0.6	<2	0.94	7.9	6	6	20	2.83
J980040		2.80	0.064	0.9	0.53	56	<10	560	0.6	<2	1.21	6.8	8	5	16	2.86
J980041		3.55	<0.005	<0.2	1.09	9	<10	120	<0.5	<2	1.39	<0.5	6	8	5	2.64
J980042		4.20	1.055	19.6	0.52	1500	<10	130	0.7	7	0.60	59.8	7	4	153	3.58
J980043		5.37	<0.005	<0.2	1.16	75	<10	210	<0.5	<2	0.93	3.6	5	8	7	2.52
J980044		3.50	<0.005	<0.2	0.55	32	<10	550	0.7	<2	2.17	2.4	6	4	8	2.49
J980045		7.42	0.514	52.1	0.37	5400	<10	30	0.5	<2	2.38	103.5	5	5	160	3.64
J980046		0.21	0.243	>100	1.05	4730	<10	50	<0.5	<2	1.35	138.0	11	26	558	7.18
J980047		6.29	0.010	0.8	0.53	244	<10	820	0.8	<2	2.08	7.8	5	5	19	2.63
J980048		7.76	0.027	3.2	0.62	259	<10	480	0.7	<2	1.69	13.4	7	5	29	2.69
J980049		5.46	0.136	2.9	0.98	658	<10	550	0.6	<2	1.64	29.6	6	6	34	2.59
J980050		4.50	<0.005	<0.2	1.12	24	<10	210	0.6	<2	1.16	0.5	6	6	4	2.49
J980051		6.25	0.016	2.4	0.82	378	<10	190	0.6	<2	1.62	3.1	5	6	18	2.62
J980052		7.37	<0.005	<0.2	0.97	13	<10	250	0.5	<2	1.49	<0.5	6	8	3	2.49
J980053		7.91	0.005	<0.2	0.96	11	<10	260	0.5	<2	1.51	<0.5	6	7	7	2.50
J980054		5.68	0.005	<0.2	0.88	10	<10	280	0.5	<2	1.71	<0.5	6	7	7	2.53
J980055		2.92	<0.005	<0.2	0.04	4	<10	10	<0.5	<2	19.7	<0.5	1	1	1	0.42
J980056		4.65	<0.005	<0.2	0.99	9	<10	240	<0.5	<2	1.42	<0.5	6	8	12	2.47
J980057		6.41	0.011	<0.2	0.57	13	<10	340	0.7	<2	1.93	<0.5	6	5	17	2.69
J980058		5.62	0.007	<0.2	0.57	19	<10	340	0.7	<2	2.23	<0.5	6	5	29	2.34
J980059		5.25	1.105	10.8	0.33	2520	<10	60	<0.5	<2	2.27	55.6	3	4	56	3.64

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10143143

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J980024		<10	<1	0.16	20	0.66	485	<1	0.09	3	570	7	0.49	<2	6	62
J980025		<10	<1	0.13	30	0.64	434	<1	0.08	4	540	7	0.62	<2	6	63
J980026		<10	1	0.21	20	0.58	2010	1	0.04	3	480	58	2.17	<2	4	81
J980027		<10	1	0.14	10	0.46	1220	6	0.08	26	520	9430	6.9	87	3	76
J980028		10	<1	0.14	30	0.66	429	1	0.07	4	550	12	0.66	<2	6	67
J980029		<10	<1	0.14	20	0.66	550	<1	0.05	2	540	13	0.89	<2	6	79
J980030		10	<1	0.12	20	0.74	479	<1	0.07	1	580	15	0.80	<2	6	81
J980031		<10	<1	0.12	20	0.72	443	<1	0.09	2	560	11	0.41	<2	6	68
J980032		<10	<1	0.23	10	0.33	553	<1	0.02	2	740	20	0.03	<2	4	137
J980033		<10	<1	0.23	10	0.41	589	<1	0.05	2	700	15	0.07	<2	4	162
J980034		<10	<1	0.17	10	0.91	1560	11	0.01	3	400	245	0.81	11	3	64
J980035		<10	<1	0.02	<10	12.45	189	<1	0.01	<1	240	3	<0.01	3	<1	48
J980036		<10	<1	0.26	20	0.91	1440	2	0.02	3	530	27	0.63	5	5	71
J980037		<10	<1	0.21	20	0.37	780	1	0.03	1	570	84	0.18	<2	7	49
J980038		<10	1	0.19	10	0.15	804	25	0.01	1	490	298	0.16	8	7	34
J980039		<10	<1	0.21	10	0.27	923	3	0.02	<1	550	440	0.42	5	8	36
J980040		<10	<1	0.20	10	0.34	1090	12	0.02	2	540	207	0.41	4	8	42
J980041		10	<1	0.15	20	0.59	544	1	0.08	<1	630	16	0.11	<2	6	55
J980042		<10	<1	0.25	20	0.15	1670	2	0.02	1	550	1930	1.53	18	5	24
J980043		<10	<1	0.16	20	0.54	434	1	0.09	2	600	16	0.02	2	5	52
J980044		<10	<1	0.18	20	0.43	667	1	0.02	1	550	18	0.14	3	8	93
J980045		<10	<1	0.27	10	0.76	1995	1	0.01	2	440	5840	2.63	63	3	40
J980046		<10	1	0.16	<10	0.44	1195	7	0.07	26	510	9590	7.0	92	3	81
J980047		<10	<1	0.23	20	0.66	694	1	0.03	3	720	106	0.15	7	6	93
J980048		<10	1	0.21	20	0.46	799	2	0.03	2	520	393	0.52	9	7	51
J980049		<10	<1	0.20	20	0.58	619	2	0.06	1	590	232	0.50	7	6	65
J980050		<10	<1	0.17	20	0.39	392	<1	0.06	2	610	13	0.05	<2	7	55
J980051		<10	<1	0.23	20	0.46	1015	1	0.03	1	630	342	0.42	3	7	55
J980052		<10	<1	0.21	20	0.62	522	1	0.07	1	600	16	0.04	<2	6	61
J980053		<10	1	0.19	20	0.57	534	<1	0.07	1	590	15	0.24	<2	7	65
J980054		<10	<1	0.16	20	0.62	548	1	0.06	1	570	12	0.37	2	7	69
J980055		<10	<1	0.02	<10	12.40	195	<1	0.01	<1	250	3	<0.01	<2	<1	48
J980056		10	<1	0.18	20	0.60	464	1	0.08	2	580	14	0.23	<2	6	62
J980057		<10	1	0.18	20	0.65	758	<1	0.02	2	630	16	0.65	2	9	59
J980058		<10	<1	0.19	20	0.75	800	1	0.02	<1	530	17	0.53	7	8	65
J980059		<10	<1	0.29	10	0.68	3090	17	0.02	2	400	1450	3.53	28	2	33

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VANCOUVER BC V6B 1L8

Finalized Date: 16- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10143143

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
J980024		<20	0.01	<10	<10	38	<10	42		
J980025		<20	0.01	<10	<10	34	<10	34		
J980026		<20	<0.01	<10	<10	21	<10	110		
J980027		<20	0.05	<10	<10	32	20	>10000	354	1.275
J980028		20	0.01	<10	<10	38	<10	39		
J980029		<20	<0.01	<10	<10	28	<10	37		
J980030		<20	0.01	<10	<10	41	<10	37		
J980031		20	0.01	<10	<10	44	<10	37		
J980032		<20	<0.01	<10	<10	25	<10	288		
J980033		<20	<0.01	<10	<10	24	<10	234		
J980034		<20	<0.01	<10	<10	18	<10	564		
J980035		<20	<0.01	<10	<10	1	<10	21		
J980036		<20	<0.01	<10	<10	13	<10	170		
J980037		<20	<0.01	<10	<10	31	<10	277		
J980038		<20	<0.01	<10	<10	30	<10	1065		
J980039		<20	<0.01	<10	<10	32	<10	873		
J980040		<20	<0.01	<10	<10	32	<10	756		
J980041		<20	0.04	<10	<10	48	<10	89		
J980042		<20	<0.01	<10	<10	19	<10	4330		
J980043		<20	0.06	<10	<10	45	<10	580		
J980044		<20	<0.01	<10	<10	34	<10	599		
J980045		<20	<0.01	<10	<10	9	<10	6100		
J980046		<20	0.05	<10	<10	34	20	>10000	345	1.285
J980047		<20	<0.01	<10	<10	28	<10	1520		
J980048		<20	<0.01	<10	<10	27	<10	1330		
J980049		<20	0.01	<10	<10	31	<10	2070		
J980050		<20	0.02	<10	<10	41	<10	117		
J980051		<20	0.01	<10	<10	31	<10	300		
J980052		<20	0.04	<10	<10	42	<10	54		
J980053		<20	0.02	<10	<10	39	<10	37		
J980054		<20	0.02	<10	<10	38	<10	38		
J980055		<20	<0.01	<10	<10	1	<10	14		
J980056		<20	0.03	<10	<10	40	<10	36		
J980057		<20	<0.01	<10	<10	33	<10	77		
J980058		<20	<0.01	<10	<10	31	<10	86		
J980059		<20	<0.01	<10	<10	7	<10	3660		

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

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- OCT- 2010
Account: ROCKHA

CERTIFICATE WH10146782

Project: KLAZA

P.O. No.: BATCH 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 21- OCT- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10146782

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J980060		4.65	0.719	10.8	0.59	1090	<10	30	0.6	3	1.82	38.9	8	6	148	3.60
J980061		2.90	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	18.8	<0.5	1	1	2	0.39
J980062		8.42	0.008	0.8	1.32	7	<10	120	0.6	<2	1.91	<0.5	6	7	8	2.63
J980063		7.99	0.005	<0.2	1.53	11	<10	130	0.7	<2	2.27	<0.5	6	8	26	2.66
J980064		9.98	0.019	0.2	1.22	12	<10	240	0.6	<2	2.42	<0.5	8	6	34	2.75
J980065		6.95	0.022	<0.2	1.39	8	<10	140	0.5	<2	1.98	<0.5	7	8	15	2.55
J980066		4.03	0.016	<0.2	1.16	9	<10	130	0.5	<2	2.03	<0.5	8	7	15	2.45
J980067		7.90	0.014	0.2	1.37	9	<10	90	0.5	<2	1.81	<0.5	7	10	26	2.65
J980068		6.68	0.011	0.2	1.40	9	<10	100	0.5	<2	2.14	<0.5	6	11	7	2.58
J980069		3.01	0.015	0.2	1.13	8	<10	120	<0.5	<2	3.53	<0.5	10	7	5	2.67
J980070		9.02	0.005	<0.2	1.24	3	<10	130	<0.5	<2	1.32	<0.5	6	13	15	2.64
J980071		8.86	<0.005	<0.2	1.30	7	<10	200	0.5	<2	1.46	<0.5	7	11	16	2.66
J980072		8.11	0.060	33.5	0.65	18	<10	360	0.7	<2	2.60	8.6	6	4	33	2.79
J980073		0.10	0.237	>100	0.98	4450	<10	40	<0.5	<2	1.36	133.0	10	26	536	7.24
J980074		8.86	0.185	3.5	0.91	1150	<10	90	0.7	<2	2.22	6.0	8	7	40	3.35
J980075		10.86	0.005	0.2	1.25	11	<10	170	<0.5	<2	1.40	<0.5	8	10	10	2.68
J980076		9.16	0.006	0.3	1.11	2	<10	140	<0.5	<2	1.51	<0.5	6	8	12	2.62
J980077		8.51	0.009	0.2	1.17	10	<10	320	0.5	<2	1.85	<0.5	6	10	20	2.76
J980078		8.88	0.005	0.2	1.46	6	<10	300	0.5	<2	2.18	<0.5	6	10	16	2.87
J980079		9.35	0.006	0.7	1.02	12	<10	220	0.5	<2	2.16	<0.5	8	7	15	2.64
J980080		6.98	0.017	0.7	1.45	33	<10	210	0.6	<2	1.24	5.5	4	6	3	3.49
J980081		8.82	0.029	1.5	1.14	38	<10	430	0.5	<2	1.30	5.0	6	7	4	3.40
J980082		6.39	0.073	2.8	0.90	139	<10	310	1.0	<2	1.24	44.1	8	5	55	3.85
J980083		0.12	3.28	>100	0.17	>10000	<10	10	<0.5	2	0.40	319	2	9	1660	13.35
J980084		6.60	0.006	0.5	0.72	17	<10	240	1.0	2	0.50	6.9	1	2	5	0.73
J980085		6.86	0.005	<0.2	0.86	<2	<10	740	1.1	<2	0.52	1.1	<1	1	<1	0.47
J980086		3.66	0.007	0.4	0.53	15	<10	130	1.0	2	0.42	1.7	<1	1	2	0.47
J980087		5.02	5.71	18.5	0.33	>10000	<10	20	0.5	<2	2.29	58.3	2	6	333	5.47
J980088		6.11	3.62	79.1	0.45	5830	<10	20	0.5	2	5.50	636	2	3	763	6.44
J980089		3.88	0.005	<0.2	0.04	16	<10	20	<0.5	<2	18.6	0.9	<1	1	5	0.41
J980090		3.66	0.087	3.4	0.66	185	<10	140	0.8	<2	1.81	14.2	5	5	52	3.23
J980091		7.67	0.032	1.3	0.56	119	<10	1070	0.8	<2	2.35	11.6	4	4	13	2.82
J980092		5.13	0.015	0.7	0.69	32	<10	350	0.8	<2	2.48	6.3	5	6	7	2.76
J980093		5.58	0.008	0.4	0.77	22	<10	670	0.9	<2	2.23	3.1	6	5	6	2.64
J980094		7.26	0.005	0.8	1.16	7	<10	540	0.6	<2	1.91	3.6	5	8	7	2.80
J980095		7.43	0.100	10.0	0.99	61	<10	690	0.6	<2	1.86	16.0	5	7	16	2.80

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- OCT- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10146782

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J980060		<10	1	0.36	10	0.49	2770	5	0.01	1	540	634	2.81	39	4	35
J980061		<10	1	0.02	<10	12.05	197	<1	0.01	1	280	<2	<0.01	<2	<1	57
J980062		<10	<1	0.18	20	0.71	636	<1	0.05	2	610	32	0.36	<2	7	62
J980063		<10	<1	0.18	20	0.94	615	1	0.05	1	610	10	0.25	3	7	72
J980064		<10	<1	0.18	30	0.74	546	<1	0.02	1	650	16	0.85	2	7	78
J980065		<10	<1	0.19	20	0.68	563	<1	0.07	1	600	10	0.21	<2	7	64
J980066		<10	<1	0.15	20	0.68	576	<1	0.05	2	610	9	0.27	<2	7	60
J980067		<10	<1	0.16	20	0.77	503	1	0.06	2	600	16	0.56	<2	7	54
J980068		10	<1	0.20	20	0.69	617	<1	0.07	2	670	14	0.56	<2	8	62
J980069		<10	<1	0.25	20	0.65	811	<1	0.03	1	570	15	1.69	<2	6	77
J980070		10	<1	0.15	20	0.71	524	<1	0.09	1	630	12	0.28	<2	7	55
J980071		<10	<1	0.20	20	0.61	500	<1	0.12	2	590	10	0.26	<2	7	67
J980072		<10	<1	0.22	20	0.74	1325	<1	0.01	4	530	3560	0.75	13	8	81
J980073		<10	1	0.13	<10	0.43	1175	6	0.06	24	490	8980	6.6	91	3	73
J980074		<10	1	0.32	20	0.59	1210	1	0.03	1	590	324	1.43	7	6	75
J980075		<10	<1	0.17	20	0.67	504	<1	0.09	1	610	14	0.36	<2	7	58
J980076		<10	<1	0.17	20	0.67	559	<1	0.07	1	670	21	0.28	<2	6	57
J980077		10	<1	0.18	20	0.69	661	<1	0.06	1	610	18	0.54	<2	6	63
J980078		10	<1	0.20	20	0.68	629	1	0.08	1	600	11	0.33	<2	7	82
J980079		<10	<1	0.16	20	0.69	770	1	0.04	2	570	12	0.46	<2	6	70
J980080		<10	<1	0.30	20	0.52	1405	1	0.03	1	650	238	0.13	<2	6	36
J980081		<10	1	0.31	20	0.42	1130	<1	0.04	1	600	563	0.39	<2	6	42
J980082		<10	1	0.33	20	0.29	1750	1	0.01	1	580	807	0.74	<2	5	41
J980083		<10	2	0.07	<10	0.17	1470	<1	0.01	10	140	>10000	>10.0	560	1	16
J980084		<10	<1	0.22	<10	0.15	820	<1	<0.01	1	30	134	0.07	<2	2	27
J980085		<10	<1	0.27	<10	0.11	606	<1	<0.01	<1	10	54	0.01	<2	2	23
J980086		<10	<1	0.19	<10	0.05	599	<1	<0.01	<1	10	57	<0.01	<2	2	15
J980087		<10	2	0.19	<10	0.61	2190	11	0.01	<1	150	2940	2.97	91	2	48
J980088		<10	3	0.29	<10	2.10	4910	10	0.02	<1	220	>10000	7.3	80	1	75
J980089		<10	<1	0.02	<10	11.80	210	<1	0.02	1	220	25	<0.01	<2	<1	53
J980090		<10	1	0.34	20	0.59	1470	1	0.01	1	560	853	1.55	9	6	34
J980091		<10	1	0.27	10	0.69	1985	<1	<0.01	1	470	336	0.25	2	6	45
J980092		<10	1	0.32	20	0.78	1410	<1	<0.01	2	530	175	0.35	<2	7	49
J980093		<10	<1	0.30	20	0.71	1095	<1	<0.01	1	610	80	0.15	<2	8	81
J980094		<10	<1	0.27	20	0.61	726	<1	0.06	1	610	216	0.04	<2	7	84
J980095		<10	<1	0.30	20	0.59	994	<1	0.05	1	580	2740	0.25	4	7	79

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 21- OCT- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10146782

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
J980060		<20	<0.01	<10	<10	13	<10	2600			
J980061		<20	<0.01	<10	10	1	<10	21			
J980062		20	0.01	<10	<10	43	<10	105			
J980063		20	0.01	<10	<10	44	<10	42			
J980064		20	<0.01	<10	<10	37	<10	51			
J980065		<20	0.01	<10	<10	43	<10	40			
J980066		20	0.01	<10	<10	40	<10	40			
J980067		20	0.01	<10	<10	43	<10	49			
J980068		20	0.01	<10	<10	46	<10	52			
J980069		20	<0.01	<10	<10	30	<10	94			
J980070		<20	0.05	<10	<10	52	<10	43			
J980071		<20	0.04	<10	<10	48	<10	50			
J980072		<20	<0.01	<10	<10	29	<10	731			
J980073		<20	0.05	<10	<10	32	10	>10000	325	1.255	
J980074		<20	<0.01	<10	<10	28	<10	645			
J980075		<20	0.05	<10	<10	48	<10	46			
J980076		<20	0.04	<10	<10	46	<10	39			
J980077		<20	0.03	<10	<10	46	<10	47			
J980078		<20	0.02	<10	<10	47	<10	41			
J980079		<20	0.01	<10	<10	37	<10	42			
J980080		20	0.01	<10	<10	39	<10	525			
J980081		<20	0.01	<10	<10	38	<10	346			
J980082		<20	<0.01	<10	<10	27	<10	2160			
J980083		<20	<0.01	<10	<10	7	150	>10000	411	3.54	3.12
J980084		20	<0.01	<10	<10	1	<10	582			
J980085		20	<0.01	<10	<10	1	<10	163			
J980086		20	<0.01	<10	<10	1	<10	230			
J980087		<20	<0.01	<10	<10	12	<10	2610			
J980088		<20	<0.01	<10	<10	8	10	>10000		4.31	1.520
J980089		<20	<0.01	<10	10	1	<10	137			
J980090		<20	<0.01	<10	<10	21	<10	1050			
J980091		<20	<0.01	<10	<10	28	<10	1150			
J980092		<20	<0.01	<10	<10	30	<10	513			
J980093		<20	<0.01	<10	<10	34	<10	337			
J980094		<20	0.02	<10	<10	43	<10	301			
J980095		<20	0.01	<10	<10	37	<10	1130			

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2010
Account: ROCKHA

CERTIFICATE WH10148336

Project: Klaza

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10148336

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E147133		7.89	0.007	0.2	0.55	10	<10	1020	0.7	<2	1.90	0.8	4	5	2	2.83
E147134		7.72	<0.005	<0.2	1.10	5	<10	240	<0.5	<2	1.37	<0.5	5	12	5	2.45
E147135		8.13	0.006	0.2	1.10	9	<10	140	<0.5	<2	1.58	<0.5	5	11	5	2.43
E147136		0.13	3.32	>100	0.18	>10000	<10	10	<0.5	<2	0.40	337	2	9	1645	13.9
E147137		7.06	0.005	<0.2	1.25	6	<10	190	0.5	<2	1.57	<0.5	6	10	6	2.90
E147138		8.70	<0.005	0.2	1.09	12	<10	150	<0.5	<2	1.26	1.0	5	9	6	2.35
E147139		9.16	0.007	0.6	1.26	9	<10	300	0.5	<2	1.48	5.5	6	12	5	2.67
E147140		8.47	0.005	<0.2	1.16	6	<10	160	<0.5	<2	1.51	3.1	7	9	5	2.60
E147141		8.64	0.043	0.3	0.97	26	<10	640	0.5	<2	1.53	0.9	6	7	4	2.98
E147142		4.07	0.107	4.4	1.05	35	<10	290	<0.5	<2	1.99	13.4	6	8	19	2.49
E147143		5.51	0.075	1.1	0.74	246	<10	420	0.7	<2	2.50	5.7	6	5	14	2.73
E147144		5.41	0.237	9.7	0.38	486	<10	120	0.7	2	1.88	48.7	5	3	44	3.15
E147145		0.13	3.22	>100	0.18	>10000	<10	10	<0.5	<2	0.40	333	1	9	1630	13.7
E147146		4.96	0.010	1.5	1.01	237	<10	170	<0.5	<2	1.52	0.8	6	9	7	2.75
E147147		6.12	0.005	0.3	1.01	30	<10	260	<0.5	<2	1.54	<0.5	4	9	1	2.63
E147148		9.32	0.005	<0.2	0.87	17	<10	170	<0.5	<2	1.43	<0.5	4	10	1	2.43
E147149		8.56	<0.005	0.3	1.17	10	<10	180	<0.5	<2	1.64	1.1	6	10	8	2.50
E147150		4.58	0.010	0.3	0.67	28	<10	190	0.7	<2	2.41	0.7	10	4	2	2.67
E147201		6.80	0.049	2.6	0.47	36	<10	30	<0.5	2	3.02	12.5	36	5	14	3.86
E147202		0.13	3.32	>100	0.16	>10000	<10	10	<0.5	<2	0.38	314	2	8	1505	12.60
E147203		3.80	0.013	0.4	0.80	8	<10	440	0.7	<2	2.57	<0.5	7	4	<1	2.48
E147204		8.99	<0.005	<0.2	1.14	20	<10	170	<0.5	<2	1.25	<0.5	3	9	1	2.70
E147205		3.62	0.026	0.5	1.31	29	<10	190	0.6	<2	2.14	0.5	8	5	1	2.97
E147206		13.11	0.005	<0.2	1.12	4	<10	340	<0.5	<2	1.13	<0.5	4	10	5	2.74
E147207		8.70	0.014	0.4	0.90	36	<10	190	<0.5	<2	1.35	0.8	4	9	4	2.75
E147208		3.54	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	19.5	<0.5	<1	1	<1	0.44
E147209		4.60	<0.005	<0.2	1.17	5	<10	390	<0.5	<2	1.28	<0.5	4	9	<1	2.70
E147210		10.95	0.030	1.2	0.57	44	<10	120	<0.5	<2	1.98	4.5	26	5	3	2.96
E147211		7.52	0.008	0.4	0.93	13	<10	310	0.5	<2	1.87	3.1	3	8	3	2.57
E147212		2.92	<0.005	<0.2	1.06	13	<10	190	<0.5	<2	1.29	<0.5	4	9	11	2.41
E147213		3.35	<0.005	<0.2	1.10	4	<10	280	<0.5	<2	1.57	<0.5	5	10	<1	2.64
E147214		1.08	<0.005	<0.2	0.94	4	<10	190	<0.5	<2	1.64	<0.5	5	7	<1	2.42
E147215		3.78	0.234	2.3	0.82	178	<10	190	<0.5	<2	1.34	14.5	5	7	27	3.33
E147216		5.37	0.045	0.7	0.54	59	<10	290	0.7	<2	1.86	2.8	5	5	5	2.83
E147217		4.08	0.014	<0.2	1.11	4	<10	260	<0.5	<2	2.24	1.0	7	6	<1	2.57
E147218		1.46	0.005	<0.2	1.12	2	<10	300	<0.5	<2	1.81	<0.5	5	17	6	2.39

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

Finalized Date: 24- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10148336

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E147133		<10	<1	0.20	20	0.61	1110	1	0.01	2	570	59	0.19	<2	9	71
E147134		10	<1	0.16	20	0.58	403	1	0.07	1	570	12	0.02	<2	5	54
E147135		<10	<1	0.15	20	0.63	652	2	0.06	2	580	56	0.04	<2	4	49
E147136		<10	2	0.07	<10	0.17	1475	2	0.02	9	140	>10000	>10.0	586	1	21
E147137		<10	<1	0.17	20	0.72	457	<1	0.07	1	620	10	0.04	<2	6	61
E147138		<10	1	0.10	20	0.61	476	2	0.05	3	580	40	0.02	<2	4	43
E147139		<10	<1	0.20	20	0.62	627	2	0.07	1	580	221	0.06	<2	4	51
E147140		10	<1	0.12	20	0.63	469	2	0.06	1	600	22	0.05	<2	5	58
E147141		<10	<1	0.21	20	0.64	1030	1	0.05	1	580	79	0.28	<2	5	70
E147142		<10	1	0.15	20	0.61	710	2	0.05	1	580	1185	0.16	<2	5	74
E147143		<10	<1	0.27	20	0.65	1515	1	0.03	4	540	315	0.61	<2	6	84
E147144		<10	<1	0.23	20	0.54	1905	2	0.01	1	540	2920	1.76	5	6	54
E147145		<10	2	0.07	<10	0.17	1460	1	0.01	9	140	>10000	>10.0	568	1	20
E147146		<10	1	0.15	20	0.65	525	1	0.06	2	620	64	0.30	<2	5	48
E147147		<10	<1	0.17	20	0.65	516	2	0.07	1	600	20	0.07	<2	6	54
E147148		<10	1	0.11	20	0.59	445	2	0.06	1	570	12	0.05	<2	6	50
E147149		<10	1	0.17	20	0.57	630	1	0.08	2	570	30	0.04	<2	5	60
E147150		<10	1	0.19	20	0.60	974	1	0.02	1	550	82	0.69	<2	6	65
E147201		<10	1	0.28	<10	0.77	1120	10	0.01	1	580	661	3.97	<2	1	46
E147202		<10	2	0.06	<10	0.16	1375	1	0.01	8	130	>10000	>10.0	541	1	19
E147203		<10	<1	0.22	20	0.74	898	<1	0.01	<1	550	34	0.38	<2	5	75
E147204		<10	1	0.14	20	0.67	418	1	0.06	1	580	12	0.03	<2	5	52
E147205		<10	<1	0.17	20	0.64	638	1	0.03	2	580	42	0.60	<2	5	100
E147206		<10	<1	0.17	20	0.65	413	1	0.10	2	570	7	0.05	<2	6	60
E147207		<10	<1	0.14	20	0.62	577	<1	0.04	2	570	56	0.30	<2	5	49
E147208		<10	1	0.02	10	11.90	214	1	0.01	3	180	<2	<0.01	<2	<1	49
E147209		<10	<1	0.19	20	0.65	481	1	0.09	1	550	3	0.14	<2	5	68
E147210		<10	1	0.20	20	0.60	1055	1	0.02	1	610	221	1.50	<2	3	70
E147211		<10	1	0.23	20	0.58	803	1	0.04	1	550	191	0.32	<2	5	74
E147212		<10	<1	0.14	20	0.61	465	1	0.05	1	560	10	0.04	<2	5	70
E147213		<10	<1	0.19	20	0.61	462	1	0.07	1	570	7	0.04	<2	6	68
E147214		<10	1	0.13	20	0.59	452	1	0.04	1	590	5	0.06	<2	5	59
E147215		<10	<1	0.28	20	0.54	993	1	0.04	1	520	427	1.33	<2	4	53
E147216		<10	<1	0.22	20	0.52	1760	1	0.01	<1	570	229	0.44	<2	6	62
E147217		<10	<1	0.21	20	0.66	608	1	0.04	2	570	35	0.21	<2	5	67
E147218		<10	1	0.14	20	0.64	504	1	0.04	3	550	4	0.04	<2	5	62

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North Vancouver BC V7H 0A7
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10148336

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
E147133		<20	<0.01	<10	<10	32	<10	87			
E147134		<20	0.05	<10	<10	45	<10	36			
E147135		<20	0.08	<10	<10	47	<10	44			
E147136		<20	<0.01	<10	<10	7	150	>10000	426	3.51	2.99
E147137		20	0.07	<10	<10	54	<10	30			
E147138		<20	0.10	<10	<10	49	<10	80			
E147139		<20	0.09	<10	<10	47	<10	414			
E147140		<20	0.06	<10	<10	48	<10	221			
E147141		<20	0.02	<10	<10	37	<10	101			
E147142		<20	0.04	<10	<10	42	<10	859			
E147143		<20	0.01	<10	<10	25	<10	464			
E147144		<20	<0.01	<10	<10	16	<10	3220			
E147145		<20	<0.01	<10	<10	7	150	>10000	434	3.60	3.06
E147146		<20	0.04	<10	<10	47	<10	178			
E147147		<20	0.05	<10	<10	48	<10	45			
E147148		<20	0.05	<10	<10	46	<10	34			
E147149		<20	0.04	<10	<10	46	<10	97			
E147150		<20	<0.01	<10	<10	23	<10	70			
E147201		<20	<0.01	<10	<10	5	<10	947			
E147202		<20	<0.01	<10	<10	6	140	>10000	423	3.53	3.00
E147203		<20	<0.01	<10	<10	25	<10	63			
E147204		<20	0.04	<10	<10	48	<10	36			
E147205		<20	<0.01	<10	<10	34	<10	93			
E147206		<20	0.07	<10	<10	53	<10	26			
E147207		<20	0.04	<10	<10	44	<10	86			
E147208		<20	<0.01	<10	<10	2	<10	12			
E147209		<20	0.05	<10	<10	48	<10	27			
E147210		<20	<0.01	<10	<10	21	<10	357			
E147211		<20	0.01	<10	<10	29	<10	240			
E147212		<20	0.04	<10	<10	43	<10	29			
E147213		<20	0.03	<10	<10	45	<10	28			
E147214		<20	0.03	<10	<10	40	<10	27			
E147215		<20	0.01	<10	<10	29	<10	958			
E147216		<20	<0.01	<10	<10	22	<10	228			
E147217		<20	0.01	<10	<10	36	<10	87			
E147218		<20	0.01	<10	<10	39	<10	30			

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2010
Account: ROCKHA

CERTIFICATE WH10148337

Project: Klaza

P.O. No.: Batch 6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH10148337

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J980096		6.09	0.048	3.5	0.40	117	<10	320	0.9	<2	2.27	15.6	6	4	26	3.16
J980097		2.07	3.55	58.7	0.56	9870	<10	60	0.6	<2	3.35	345	4	3	589	4.56
J980098		0.13	3.19	>100	0.19	>10000	<10	10	<0.5	<2	0.41	337	2	10	1650	14.0
J980099		7.19	0.011	2.1	0.97	17	<10	170	<0.5	<2	1.55	16.1	6	10	24	2.61
E147101		9.93	0.065	2.9	1.41	24	<10	260	<0.5	<2	1.87	13.5	8	8	41	2.81
E147102		8.69	0.008	1.3	1.02	23	<10	160	<0.5	<2	1.42	2.9	5	8	7	2.55
E147103		2.26	1.060	>100	0.80	1510	<10	70	0.7	76	2.45	181.0	6	4	6150	5.15
E147104		3.06	<0.005	<0.2	0.03	<2	<10	<10	<0.5	<2	20.0	<0.5	<1	1	1	0.46
E147105		8.84	<0.005	0.8	1.12	11	<10	180	<0.5	<2	1.14	0.9	5	10	8	2.48
E147106		9.99	<0.005	0.7	1.06	5	<10	110	<0.5	<2	1.09	0.6	5	9	18	2.35
E147107		10.10	<0.005	1.3	1.30	7	<10	160	<0.5	<2	1.41	3.3	5	9	8	2.88
E147108		4.34	0.089	8.6	0.72	28	<10	240	<0.5	<2	2.20	54.2	7	6	57	2.97
E147109		5.89	<0.005	<0.2	1.08	6	<10	160	<0.5	<2	1.62	<0.5	4	9	9	2.54
E147110		8.81	0.023	3.4	0.86	44	<10	320	0.6	<2	1.99	20.1	5	5	12	2.82
E147111		7.83	0.064	2.6	0.80	42	<10	200	0.7	<2	2.93	32.9	6	8	26	3.00
E147112		3.59	<0.005	<0.2	0.03	<2	<10	<10	<0.5	<2	20.1	<0.5	<1	1	<1	0.47
E147113		7.60	0.012	0.3	1.11	12	<10	150	0.5	<2	1.39	1.6	6	8	8	2.99
E147114		6.42	0.005	1.1	0.89	8	<10	220	<0.5	<2	1.38	12.1	6	8	9	2.80
E147115		5.88	<0.005	0.4	1.18	5	<10	270	<0.5	<2	1.68	0.7	7	10	3	2.92
E147116		6.66	<0.005	0.2	0.95	8	<10	280	<0.5	<2	1.61	1.6	5	8	9	2.66
E147117		3.37	<0.005	0.3	0.75	10	<10	420	<0.5	<2	2.23	<0.5	11	6	1	2.51
E147118		6.41	<0.005	0.5	0.72	9	<10	360	<0.5	<2	1.95	6.2	4	8	3	2.55
E147119		5.44	1.465	95.1	0.99	3320	<10	10	0.7	65	1.99	151.5	6	4	431	5.27
E147120		0.13	3.32	>100	0.18	>10000	<10	<10	<0.5	3	0.41	335	1	10	1645	13.90
E147121		5.40	0.007	0.4	0.84	9	<10	170	0.5	<2	1.53	2.4	6	7	8	2.69
E147122		10.33	<0.005	0.5	0.90	37	<10	180	<0.5	<2	1.36	0.8	6	8	3	2.48
E147123		10.54	<0.005	0.9	1.15	17	<10	200	0.5	<2	1.52	9.9	5	8	8	3.09
E147124		5.94	<0.005	<0.2	0.82	14	<10	400	<0.5	<2	1.87	<0.5	6	8	3	2.53
E147125		5.23	<0.005	3.3	0.77	26	<10	170	0.7	<2	1.95	13.7	6	5	13	2.73
E147126		8.19	<0.005	<0.2	0.87	4	<10	180	<0.5	<2	1.35	<0.5	5	8	3	2.48
E147127		4.12	<0.005	<0.2	1.04	5	<10	210	0.5	<2	1.38	<0.5	6	8	3	2.58
E147128		6.24	0.010	2.6	1.09	8	<10	260	<0.5	<2	1.58	22.5	6	7	23	3.23
E147129		5.09	<0.005	<0.2	1.06	3	<10	210	<0.5	<2	1.12	<0.5	6	9	5	2.52
E147130		5.82	0.006	0.8	0.61	10	<10	200	0.7	<2	1.83	7.0	5	6	7	2.98
E147131		3.43	<0.005	<0.2	0.94	3	<10	170	<0.5	<2	1.20	<0.5	6	9	15	2.50
E147132		6.77	<0.005	0.2	0.61	7	<10	660	0.7	<2	2.07	0.7	5	4	2	2.74

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CERTIFICATE OF ANALYSIS WH10148337

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J980096		<10	1	0.26	20	0.79	1825	1	0.01	1	540	1225	0.53	2	6	47
J980097		<10	2	0.35	10	0.90	2350	2	0.02	1	410	>10000	3.96	117	4	60
J980098		<10	2	0.07	<10	0.17	1475	1	0.02	9	140	>10000	>10.0	584	1	21
J980099		<10	<1	0.16	20	0.65	757	<1	0.04	<1	620	509	0.14	<2	6	52
E147101		10	<1	0.26	20	0.72	894	1	0.06	1	580	680	0.15	<2	5	55
E147102		<10	<1	0.19	20	0.62	798	1	0.05	1	600	414	0.07	<2	5	51
E147103		<10	11	0.28	20	0.61	1795	2	0.02	1	500	>10000	4.54	636	6	57
E147104		<10	<1	0.01	<10	12.55	220	<1	0.01	<1	190	6	<0.01	<2	<1	51
E147105		<10	<1	0.15	20	0.67	450	1	0.08	2	590	116	0.02	<2	5	40
E147106		<10	<1	0.10	20	0.67	439	1	0.06	1	590	65	0.02	<2	4	35
E147107		10	<1	0.17	20	0.74	549	<1	0.08	<1	590	403	0.06	<2	6	51
E147108		<10	<1	0.23	20	0.59	1330	<1	0.02	<1	610	2840	0.64	5	5	74
E147109		10	<1	0.19	20	0.65	563	<1	0.06	<1	580	16	0.05	<2	6	56
E147110		<10	<1	0.22	20	0.61	988	<1	0.02	<1	580	1260	0.51	<2	7	74
E147111		<10	<1	0.28	20	0.96	1375	<1	0.02	1	610	640	0.65	<2	7	83
E147112		<10	<1	0.01	<10	12.60	214	<1	0.01	<1	190	2	<0.01	<2	<1	49
E147113		<10	<1	0.21	20	0.68	776	<1	0.06	<1	580	98	0.09	<2	6	55
E147114		10	<1	0.14	20	0.68	717	<1	0.05	<1	610	351	0.13	<2	6	62
E147115		<10	<1	0.18	20	0.74	654	<1	0.08	<1	610	124	0.06	<2	7	72
E147116		<10	<1	0.14	20	0.71	641	<1	0.05	<1	610	29	0.06	<2	7	66
E147117		<10	<1	0.23	20	0.60	860	1	0.04	1	640	117	0.34	<2	6	83
E147118		<10	<1	0.16	20	0.62	629	<1	0.04	<1	570	97	0.12	<2	6	70
E147119		<10	<1	0.25	20	0.50	1320	2	0.01	<1	560	7510	4.38	52	6	66
E147120		<10	<1	0.07	<10	0.18	1500	<1	<0.01	10	150	>10000	>10.0	556	1	20
E147121		<10	<1	0.16	20	0.56	785	<1	0.02	1	580	95	0.12	<2	6	54
E147122		<10	<1	0.13	20	0.66	505	<1	0.05	<1	630	45	0.05	<2	5	55
E147123		<10	<1	0.20	20	0.65	760	<1	0.06	<1	620	183	0.14	<2	6	54
E147124		<10	<1	0.15	20	0.59	585	<1	0.04	<1	600	17	0.09	<2	6	62
E147125		<10	<1	0.18	20	0.61	889	<1	0.01	1	600	1440	0.33	<2	9	56
E147126		<10	<1	0.14	20	0.59	448	<1	0.06	<1	610	14	0.01	<2	5	49
E147127		10	<1	0.19	20	0.58	454	<1	0.08	<1	590	14	0.02	<2	6	56
E147128		<10	<1	0.19	20	0.64	1130	<1	0.03	<1	580	525	0.19	<2	6	60
E147129		<10	<1	0.20	20	0.59	428	<1	0.09	<1	550	17	0.02	<2	4	52
E147130		<10	<1	0.19	20	0.55	996	<1	0.02	<1	570	159	0.13	<2	8	68
E147131		<10	<1	0.16	20	0.57	399	<1	0.09	<1	570	11	0.05	<2	5	52
E147132		<10	<1	0.18	30	0.63	852	<1	0.01	1	570	39	0.14	<2	9	65

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 24- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10148337

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Zn- OG46 Zn % 0.001	Pb- OG46 Pb % 0.001
J980096		<20	<0.01	<10	<10	21	<10	1220			
J980097		<20	0.01	<10	<10	17	<10	>10000		2.15	1.385
J980098		<20	<0.01	<10	<10	8	150	>10000	421	3.55	3.05
J980099		<20	0.03	<10	<10	41	<10	1070			
E147101		<20	0.02	<10	<10	43	<10	907			
E147102		<20	0.03	<10	<10	41	<10	259			
E147103		<20	0.01	<10	<10	27	10	>10000	153	1.150	1.420
E147104		<20	<0.01	<10	<10	3	<10	25			
E147105		<20	0.10	<10	<10	52	<10	84			
E147106		<20	0.08	<10	<10	49	<10	65			
E147107		<20	0.04	<10	<10	52	<10	260			
E147108		<20	0.01	<10	<10	30	<10	3640			
E147109		<20	0.02	<10	<10	43	<10	51			
E147110		<20	0.01	<10	<10	30	<10	1375			
E147111		<20	<0.01	<10	10	29	<10	2270			
E147112		<20	<0.01	<10	10	2	<10	22			
E147113		<20	0.04	<10	<10	45	<10	139			
E147114		<20	0.03	<10	<10	43	<10	849			
E147115		<20	0.04	<10	<10	50	<10	76			
E147116		<20	0.02	<10	<10	47	<10	137			
E147117		<20	0.01	<10	<10	35	<10	49			
E147118		<20	0.02	<10	<10	44	<10	417			
E147119		<20	<0.01	<10	<10	28	<10	>10000		1.000	
E147120		<20	<0.01	<10	<10	7	150	>10000	417	3.59	3.05
E147121		20	0.02	<10	<10	38	<10	194			
E147122		<20	0.06	<10	<10	47	<10	81			
E147123		<20	0.04	<10	<10	52	<10	718			
E147124		<20	0.02	<10	<10	42	<10	46			
E147125		<20	<0.01	<10	<10	34	<10	897			
E147126		<20	0.07	<10	<10	49	<10	34			
E147127		<20	0.08	<10	<10	51	<10	34			
E147128		<20	0.03	<10	<10	40	<10	1615			
E147129		<20	0.11	<10	<10	49	<10	40			
E147130		<20	0.01	<10	<10	35	<10	508			
E147131		<20	0.08	<10	<10	48	<10	28			
E147132		<20	<0.01	<10	<10	35	<10	70			

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VANCOUVER BC V6B 1L8

Finalized Date: 25- OCT- 2010
Account: ROCKHA

CERTIFICATE WH10154839

Project: Klaza

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 25- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10154839

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J982452		0.172	
J982453		0.090	
J982454		0.147	
J982455		0.242	
J982456		0.127	
J982457		0.156	
J982458		<0.005	
J982459		<0.005	
J982460		>10.0	14.10
J982461		0.016	
J982462		1.495	
J982463		0.006	
J982464		0.032	
J982465		0.016	
J982466		3.33	
J982467		1.320	
J982468		<0.005	
J982469		1.295	
J982470		0.907	
J982471		0.009	
J982472		0.011	
J982473		1.110	
J982474		0.203	
J982475		0.382	
J982476		0.348	
J982477		0.210	
J982478		0.022	
J982479		0.010	
J982480		0.018	
J982481		0.034	
J982482		0.027	
J982483		0.009	
J982484		<0.005	
J982485		<0.005	
J982486		0.008	
J982487		0.008	

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Finalized Date: 28- OCT- 2010
Account: ROCKHA

CERTIFICATE WH10156771

Project: Klaza

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10156771

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J982452		0.174	
J982453		0.105	
J982454		0.158	
J982455		0.316	
J982456		0.140	
J982457		0.154	
J982458		<0.005	
J982459		<0.005	
J982460		>10.0	NSS
J982461		0.012	
J982462		1.405	
J982463		<0.005	
J982464		0.024	
J982465		0.017	
J982466		NSS	
J982467		1.460	
J982468		<0.005	
J982469		1.260	
J982470		0.929	
J982471		<0.005	
J982472		0.009	
J982473		1.035	
J982474		0.246	
J982475		0.391	
J982476		0.215	
J982477		0.197	
J982478		0.020	
J982479		0.009	
J982480		0.015	
J982481		0.035	
J982482		0.021	
J982483		0.007	
J982484		<0.005	
J982485		<0.005	
J982486		0.009	
J982487		0.006	

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

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Finalized Date: 28- OCT- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10156771

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

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Finalized Date: 7- NOV- 2010
This copy reported on 8- NOV- 2010
Account: ROCKHA

CERTIFICATE WH10158290

Project: KLAZA

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

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

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10158290

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
E147219		5.81	<0.005	0.2	1.14	12	<10	870	0.5	<2	3.34	1.4	9	41	137	2.68
E147220		3.88	<0.005	0.2	1.05	82	<10	1280	0.8	<2	2.36	9.7	16	36	639	4.24
E147221		2.84	0.034	5.7	0.54	317	<10	260	0.5	3	0.39	5.6	11	12	1340	6.50
E147222		7.76	0.030	1.5	0.67	130	<10	430	0.8	10	1.31	14.3	11	9	2590	4.57
E147223		1.73	0.028	2.8	0.83	173	<10	530	0.7	30	1.18	15.8	12	15	2090	5.52
E147224		3.96	0.282	12.1	0.50	434	<10	120	<0.5	11	0.09	9.4	11	5	623	4.17
E147225		3.58	<0.005	<0.2	0.04	7	<10	20	<0.5	<2	20.6	<0.5	1	1	11	0.41
E147226		3.63	0.017	0.8	1.04	199	<10	250	1.0	2	0.75	10.7	8	12	2530	3.88
E147227		4.42	0.026	1.9	0.69	100	<10	400	0.9	2	1.54	20.9	8	4	1025	3.58
E147228		8.57	<0.005	<0.2	0.81	9	<10	610	0.9	<2	3.79	<0.5	6	5	22	2.39
E147229		8.14	0.005	<0.2	0.57	9	<10	320	0.8	<2	4.41	<0.5	5	4	46	2.12
E147230		8.36	0.006	<0.2	0.58	8	<10	320	0.8	<2	4.40	<0.5	5	4	43	2.12
E147231		10.19	0.012	<0.2	0.59	32	<10	890	0.8	<2	2.87	1.2	5	5	41	2.27
E147232		10.20	<0.005	<0.2	0.82	14	<10	1540	1.0	<2	2.63	<0.5	3	5	17	2.15
E147233		0.16	3.33	>100	0.18	>10000	<10	10	<0.5	<2	0.43	342	2	8	1680	14.4
E147234		4.79	<0.005	0.2	0.50	30	<10	1170	0.9	<2	2.04	<0.5	6	4	8	2.02
E147235		3.96	0.009	0.4	0.66	51	<10	230	1.0	<2	3.07	0.7	6	6	19	2.03
E147236		8.02	0.261	6.1	0.44	299	<10	20	0.8	3	1.44	15.0	8	5	103	4.27
E147237		5.17	0.200	9.7	0.57	823	<10	40	0.7	<2	2.77	14.8	6	2	513	4.03
E147238		4.81	<0.005	0.2	0.58	15	<10	1180	0.9	<2	3.51	<0.5	6	2	12	2.39
E147239		4.47	0.279	3.5	0.73	362	<10	60	0.8	<2	3.17	25.5	7	3	56	4.03
E147240		5.93	0.625	3.4	0.46	394	<10	60	0.9	<2	2.81	20.9	7	1	40	3.78
E147241		4.90	<0.005	<0.2	0.05	2	<10	20	<0.5	<2	21.1	<0.5	<1	<1	2	0.48
E147242		3.98	0.102	1.0	0.47	156	<10	200	0.7	<2	3.17	1.1	5	2	9	2.20
E147243		6.57	0.146	1.1	0.68	394	<10	130	0.8	<2	2.56	3.3	8	4	24	3.03
E147244		3.36	0.119	1.0	0.46	381	<10	100	0.7	<2	3.13	3.9	8	3	16	3.06
E147245		0.15	0.475	>100	0.25	9340	<10	10	<0.5	<2	2.02	275	13	12	1030	11.55
E147246		3.22	0.208	4.4	0.65	1160	<10	120	0.7	<2	2.85	10.7	9	3	33	3.42
E147247		4.65	0.013	0.5	1.48	72	<10	190	0.9	<2	1.90	<0.5	7	6	13	3.58
E147248		3.08	0.117	2.6	0.69	761	<10	100	0.7	<2	1.88	9.1	8	3	29	3.95
E147249		2.16	<0.005	0.2	0.81	92	<10	260	0.6	<2	0.89	<0.5	8	6	7	3.07
E147250		4.04	0.047	2.6	1.02	146	<10	290	0.6	<2	2.60	7.5	6	4	58	3.34
E147301		8.98	0.051	2.7	1.49	2060	<10	220	0.7	<2	1.50	12.4	7	6	55	3.58
E147302		2.83	0.480	8.2	0.69	6490	<10	130	0.7	4	1.72	64.4	7	4	117	4.72
E147303		7.67	0.029	1.3	0.81	184	<10	240	0.5	5	1.35	3.8	7	7	24	3.18
E147304		4.62	0.028	1.3	0.95	250	<10	310	0.5	4	1.42	2.7	7	7	26	3.23

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Finalized Date: 7- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10158290

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E147219		10	<1	0.28	20	0.96	1395	<1	0.03	20	720	12	0.08	2	4	182
E147220		<10	<1	0.40	20	0.54	3050	1	0.02	26	740	13	0.05	3	5	110
E147221		<10	<1	0.34	20	0.16	1405	2	0.02	12	680	87	0.34	47	3	106
E147222		<10	<1	0.34	10	0.47	1990	1	0.01	6	830	52	0.67	15	2	73
E147223		<10	<1	0.43	10	0.49	2500	2	0.02	7	950	89	0.62	24	3	63
E147224		<10	<1	0.33	10	0.05	265	3	0.01	1	380	339	1.84	28	2	59
E147225		<10	<1	0.02	<10	13.00	196	<1	0.01	<1	240	3	<0.01	<2	<1	51
E147226		<10	<1	0.35	20	0.26	1015	2	0.01	5	720	36	0.33	6	7	37
E147227		<10	<1	0.28	10	0.54	1210	1	0.02	5	740	48	0.68	8	6	67
E147228		<10	<1	0.37	20	1.07	637	<1	0.03	4	820	10	0.01	2	8	395
E147229		<10	<1	0.29	20	0.97	581	<1	0.02	2	830	11	0.01	2	7	432
E147230		<10	<1	0.29	20	0.97	582	<1	0.02	2	830	11	<0.01	2	7	435
E147231		<10	<1	0.30	10	0.96	769	1	0.02	9	730	23	0.05	<2	6	134
E147232		<10	<1	0.41	20	0.88	782	<1	0.02	6	750	16	0.06	2	5	114
E147233		<10	1	0.08	<10	0.18	1555	1	0.02	12	140	>10000	>10.0	590	1	20
E147234		<10	<1	0.25	10	0.73	711	<1	0.02	10	710	20	0.18	3	4	84
E147235		<10	<1	0.31	10	1.06	697	2	0.01	13	690	36	0.12	<2	5	146
E147236		<10	<1	0.25	10	0.56	1265	3	0.01	15	530	598	2.89	7	3	52
E147237		<10	<1	0.40	10	0.81	2780	2	0.01	3	580	1055	2.90	32	3	75
E147238		<10	<1	0.31	20	1.12	1065	1	0.02	4	1120	21	0.22	2	4	153
E147239		<10	<1	0.45	10	0.95	3260	1	0.02	3	650	836	1.94	7	4	157
E147240		<10	<1	0.25	10	0.81	3490	2	0.02	2	520	569	2.30	4	5	138
E147241		<10	<1	0.03	<10	12.95	231	<1	0.02	1	190	2	<0.01	<2	<1	52
E147242		<10	<1	0.28	20	0.97	2300	1	0.02	2	650	39	0.93	3	5	107
E147243		<10	<1	0.35	20	0.80	2040	1	0.02	3	630	78	1.09	5	7	103
E147244		<10	<1	0.27	20	0.91	2040	3	0.01	3	600	88	1.13	5	6	141
E147245		<10	1	0.14	<10	0.09	1900	9	0.02	22	380	>10000	>10.0	180	1	114
E147246		<10	<1	0.38	20	0.84	2610	2	0.01	2	590	894	1.84	7	6	90
E147247		<10	<1	0.24	20	0.66	803	1	0.02	2	670	23	0.49	2	7	76
E147248		<10	<1	0.39	20	0.62	2480	2	0.01	2	560	411	1.63	5	6	70
E147249		<10	<1	0.20	30	0.55	844	1	0.01	2	700	16	0.06	3	9	40
E147250		<10	<1	0.34	20	0.74	1345	1	0.02	2	580	139	0.96	6	7	144
E147301		<10	<1	0.31	20	0.63	1060	1	0.03	2	590	524	1.04	12	6	64
E147302		<10	<1	0.30	20	0.63	2420	1	0.02	2	580	869	2.70	30	6	58
E147303		<10	<1	0.23	20	0.60	1015	<1	0.02	1	570	179	0.71	3	5	64
E147304		<10	1	0.31	20	0.63	1095	<1	0.03	<1	590	163	0.63	3	5	77

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Finalized Date: 7- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10158290

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
E147219		<20	<0.01	<10	<10	38	<10	196			
E147220		<20	<0.01	<10	<10	39	<10	984			
E147221		<20	<0.01	<10	<10	23	<10	743			
E147222		<20	<0.01	<10	<10	19	<10	819			
E147223		<20	<0.01	<10	<10	26	<10	1005			
E147224		<20	<0.01	<10	<10	10	<10	300			
E147225		<20	<0.01	<10	<10	2	<10	66			
E147226		20	<0.01	<10	<10	33	<10	778			
E147227		<20	<0.01	<10	<10	29	<10	771			
E147228		<20	<0.01	<10	<10	39	<10	95			
E147229		<20	<0.01	<10	<10	38	<10	53			
E147230		<20	<0.01	<10	<10	38	<10	56			
E147231		<20	<0.01	<10	<10	25	<10	203			
E147232		<20	<0.01	<10	<10	18	<10	101			
E147233		<20	<0.01	<10	<10	7	160	>10000	444	3.80	3.29
E147234		<20	<0.01	<10	<10	19	<10	90			
E147235		<20	<0.01	<10	<10	22	<10	180			
E147236		<20	<0.01	<10	<10	12	<10	1060			
E147237		<20	<0.01	<10	<10	9	<10	1020			
E147238		<20	<0.01	<10	<10	18	<10	72			
E147239		<20	<0.01	<10	<10	19	<10	2170			
E147240		<20	<0.01	<10	<10	14	<10	1720			
E147241		<20	<0.01	<10	<10	2	<10	25			
E147242		<20	<0.01	<10	<10	13	<10	113			
E147243		<20	<0.01	<10	<10	23	<10	401			
E147244		<20	<0.01	<10	<10	20	<10	356			
E147245		<20	<0.01	<10	<10	5	30	>10000	691	2.56	1.875
E147246		<20	<0.01	<10	<10	17	<10	1135			
E147247		20	0.01	<10	<10	42	<10	113			
E147248		<20	<0.01	<10	<10	24	<10	822			
E147249		20	0.02	<10	<10	44	<10	151			
E147250		<20	0.01	<10	<10	35	<10	754			
E147301		20	0.02	<10	<10	38	<10	1235			
E147302		20	0.01	<10	<10	26	10	5170			
E147303		20	0.02	<10	<10	33	<10	428			
E147304		20	0.02	<10	<10	34	<10	320			

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

Finalized Date: 4- NOV- 2010
Account: ROCKHA

CERTIFICATE WH10158360

Project: Klaza

P.O. No.: Batch 9

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 4- NOV- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10158360

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E147305		4.07	0.012	1.0	0.77	64	<10	250	0.5	3	1.65	3.2	6	7	27	2.90
E147306		2.44	0.039	1.9	0.54	213	<10	140	0.6	<2	2.03	1.1	5	16	40	2.73
E147307		4.72	0.024	0.6	0.97	86	<10	440	<0.5	<2	1.45	0.9	6	10	21	2.83
E147308		3.19	0.152	15.0	0.74	786	<10	70	0.6	9	1.84	36.5	6	4	66	4.00
E147309		9.49	0.007	0.8	0.76	83	<10	410	0.6	2	2.03	1.6	6	6	15	2.97
E147310		9.95	0.007	0.5	1.06	10	<10	420	<0.5	<2	1.39	0.8	6	11	24	2.71
E147311		7.30	<0.005	0.2	1.03	10	<10	540	<0.5	<2	1.30	<0.5	6	10	6	2.58
E147312		2.84	0.498	2.3	0.54	2940	<10	60	0.7	2	2.22	6.5	6	3	29	3.45
E147313		9.29	<0.005	0.3	1.11	20	<10	400	<0.5	<2	1.42	<0.5	6	11	11	2.74
E147314		4.20	<0.005	0.5	1.13	10	<10	320	<0.5	<2	1.47	<0.5	5	9	9	2.77
E147315		2.00	<0.005	<0.2	0.04	3	<10	10	<0.5	<2	19.5	<0.5	<1	1	<1	0.38
E147316		4.75	0.047	2.8	0.55	330	<10	50	0.6	3	2.19	2.2	7	3	42	3.87
E147317		9.71	0.015	1.0	0.98	30	<10	420	0.5	<2	1.73	3.6	7	7	32	3.01
E147318		8.63	0.020	0.5	1.31	55	<10	380	<0.5	2	1.48	0.6	6	9	36	2.79
E147319		8.79	0.005	0.3	1.39	14	<10	360	0.6	<2	1.82	<0.5	6	8	22	2.90
E147320		0.18	0.499	>100	0.30	9770	<10	20	<0.5	3	2.00	298	13	13	1025	11.85
E147321		9.68	0.040	1.3	1.03	91	<10	210	0.6	2	2.24	1.3	6	6	26	3.58
E147322		5.63	0.013	0.8	1.12	156	<10	530	0.7	2	2.09	7.0	9	20	24	3.49
E147323		2.99	0.119	3.1	0.87	384	<10	40	<0.5	5	1.14	13.4	16	30	105	4.85
E147324		4.01	1.550	23.2	0.53	1710	<10	10	<0.5	50	0.88	44.7	12	4	164	11.95
E147325		6.28	0.014	0.8	0.66	132	<10	410	0.6	2	2.40	8.3	7	4	65	3.10
E147326		5.76	0.726	1.8	0.67	1110	<10	290	0.8	<2	2.48	9.7	7	3	46	3.33
E147327		4.35	0.025	3.2	0.64	79	<10	260	0.5	9	2.18	3.3	9	4	93	2.86
E147328		3.49	0.644	16.5	0.54	347	<10	20	0.5	14	1.67	22.5	8	3	278	5.66
E147329		0.13	3.34	>100	0.18	>10000	<10	10	<0.5	4	0.43	329	2	9	1625	14.30
E147330		5.43	0.009	0.3	0.66	37	<10	1250	0.8	<2	3.90	<0.5	5	3	11	1.90
E147331		5.78	0.006	0.3	0.71	57	<10	1150	0.9	<2	3.72	<0.5	4	3	11	2.13
E147332		3.99	5.07	53.6	0.46	9340	<10	10	<0.5	32	0.97	131.0	29	2	530	17.8
E147333		3.03	0.006	<0.2	0.03	6	<10	10	<0.5	<2	18.6	<0.5	<1	<1	1	0.44
E147334		5.81	0.143	4.5	0.59	449	<10	270	0.6	<2	3.34	6.6	8	15	13	2.79
E147335		9.31	0.034	1.4	0.57	165	<10	150	0.6	8	3.11	2.1	11	11	126	3.23
E147336		10.40	0.037	1.5	1.14	104	<10	280	0.7	3	2.38	2.6	8	5	114	3.29
E147337		3.99	0.024	1.4	1.08	76	<10	310	0.6	3	2.46	1.8	7	5	122	3.17
E147338		8.02	0.069	9.2	0.50	464	<10	50	<0.5	4	5.70	10.4	6	7	72	3.82
E147339		9.43	0.007	1.0	1.20	199	<10	700	0.5	<2	1.31	3.1	6	7	26	2.85
E147340		9.08	0.026	2.1	0.81	65	<10	230	0.6	5	2.42	2.9	7	5	72	3.36
E147341		11.26	0.020	0.5	0.79	45	<10	160	0.6	2	2.23	0.5	7	6	54	3.06

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 4- NOV- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10158360

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E147305		<10	<1	0.26	20	0.59	1010	3	0.03	2	570	130	0.73	<2	5	88
E147306		<10	<1	0.29	20	0.54	1750	2	0.01	5	440	95	1.20	<2	3	72
E147307		<10	<1	0.30	20	0.62	939	2	0.07	3	590	50	0.30	<2	6	73
E147308		<10	1	0.35	20	0.61	1455	1	0.01	3	540	1120	2.19	3	5	72
E147309		<10	<1	0.26	30	0.59	1220	1	0.02	3	620	53	0.28	<2	6	94
E147310		<10	<1	0.25	20	0.64	728	2	0.07	3	640	56	0.08	<2	6	64
E147311		<10	<1	0.29	30	0.59	620	1	0.08	2	590	13	0.06	<2	6	64
E147312		<10	1	0.29	20	0.57	1295	1	0.01	3	580	321	2.05	8	5	79
E147313		10	<1	0.24	20	0.69	747	1	0.07	3	620	14	0.11	<2	6	68
E147314		<10	<1	0.22	20	0.70	771	1	0.06	2	620	10	0.24	<2	5	71
E147315		<10	<1	0.02	10	11.80	179	<1	0.01	6	200	<2	<0.01	<2	<1	44
E147316		<10	<1	0.35	10	0.50	1895	1	0.01	3	540	232	2.51	<2	3	51
E147317		<10	<1	0.35	20	0.67	962	5	0.04	2	540	163	0.76	<2	5	72
E147318		10	<1	0.24	20	0.73	722	1	0.07	3	620	26	0.16	<2	5	76
E147319		10	<1	0.23	30	0.66	688	2	0.04	3	620	17	0.13	<2	7	73
E147320		<10	2	0.15	10	0.09	1990	9	0.01	24	420	>10000	>10.0	176	1	118
E147321		<10	<1	0.34	20	0.69	1100	1	0.02	3	600	63	1.19	<2	5	86
E147322		<10	<1	0.28	30	0.84	1170	1	0.03	11	1090	65	0.39	<2	7	83
E147323		<10	<1	0.29	20	0.54	1545	2	0.01	18	1590	116	2.29	8	5	35
E147324		<10	<1	0.37	<10	0.37	553	4	0.01	<1	380	449	>10.0	11	1	22
E147325		<10	<1	0.31	10	0.81	1345	2	0.02	2	550	33	0.51	3	7	58
E147326		<10	<1	0.37	20	0.80	1475	2	0.02	1	610	334	1.00	3	6	76
E147327		<10	<1	0.40	10	0.75	1080	1	0.02	<1	590	29	0.97	6	4	61
E147328		<10	<1	0.31	<10	0.56	997	13	0.01	2	450	1510	5.10	39	2	41
E147329		<10	1	0.08	<10	0.18	1515	<1	<0.01	8	130	>10000	>10.0	538	1	19
E147330		<10	<1	0.30	10	0.93	819	1	0.03	2	890	18	0.17	2	4	118
E147331		<10	<1	0.35	10	1.00	947	1	0.03	2	900	15	0.14	<2	4	106
E147332		<10	1	0.27	<10	0.34	845	94	0.01	<1	340	3990	>10.0	80	1	22
E147333		<10	<1	0.02	<10	12.00	188	1	0.01	<1	220	4	<0.01	<2	<1	45
E147334		<10	<1	0.41	10	1.06	2020	1	0.01	16	630	340	0.85	4	3	122
E147335		<10	<1	0.37	10	0.92	1260	2	0.01	11	570	77	1.49	14	4	127
E147336		<10	<1	0.29	20	0.63	1300	1	0.02	1	630	52	0.96	6	6	72
E147337		<10	<1	0.27	20	0.59	1345	1	0.01	1	630	46	0.89	7	6	74
E147338		<10	<1	0.34	10	0.83	1740	3	0.01	2	470	1295	2.62	14	3	112
E147339		<10	<1	0.24	20	0.55	725	1	0.04	1	620	137	0.33	5	7	51
E147340		<10	<1	0.31	20	0.65	1175	1	0.01	1	620	101	1.20	7	6	83
E147341		<10	<1	0.30	20	0.53	831	1	0.04	1	590	15	0.93	3	5	111

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

Finalized Date: 4- NOV- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10158360

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
E147305		20	0.01	<10	<10	30	<10	245			
E147306		20	<0.01	<10	<10	16	<10	118			
E147307		<20	0.04	<10	<10	40	<10	112			
E147308		<20	<0.01	<10	<10	22	<10	2540			
E147309		<20	0.01	<10	<10	32	<10	220			
E147310		<20	0.06	<10	<10	49	<10	84			
E147311		<20	0.08	<10	<10	49	<10	56			
E147312		<20	<0.01	<10	<10	18	<10	535			
E147313		<20	0.06	<10	<10	48	<10	85			
E147314		<20	0.04	<10	<10	45	<10	59			
E147315		<20	<0.01	<10	<10	2	<10	11			
E147316		<20	<0.01	<10	<10	12	<10	258			
E147317		20	0.03	<10	<10	35	<10	299			
E147318		<20	0.05	<10	<10	48	<10	97			
E147319		<20	0.01	<10	<10	42	<10	63			
E147320		<20	<0.01	<10	<10	6	20	>10000	679	2.54	1.840
E147321		<20	<0.01	<10	<10	27	<10	233			
E147322		<20	0.02	<10	<10	43	<10	414			
E147323		<20	<0.01	<10	<10	35	<10	968			
E147324		<20	<0.01	<10	<10	9	<10	1945			
E147325		<20	<0.01	<10	<10	27	<10	681			
E147326		<20	<0.01	<10	<10	20	<10	718			
E147327		<20	<0.01	<10	<10	18	<10	205			
E147328		<20	<0.01	<10	<10	9	<10	1720			
E147329		<20	<0.01	<10	<10	7	150	>10000	411	3.61	3.06
E147330		<20	<0.01	<10	<10	15	<10	118			
E147331		<20	<0.01	<10	<10	17	<10	113			
E147332		<20	<0.01	<10	<10	7	<10	8610			
E147333		<20	<0.01	<10	<10	1	<10	17			
E147334		<20	<0.01	<10	<10	19	<10	704			
E147335		<20	<0.01	<10	<10	22	<10	299			
E147336		<20	0.01	<10	<10	31	<10	380			
E147337		<20	0.01	<10	<10	31	<10	321			
E147338		<20	<0.01	<10	<10	15	<10	1045			
E147339		<20	0.03	<10	<10	43	<10	326			
E147340		<20	<0.01	<10	<10	31	<10	346			
E147341		<20	0.01	<10	<10	28	<10	105			

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
Account: ROCKHA

CERTIFICATE WH10159066

Project: KLAZA

P.O. No.: Batch 10

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
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Project: KLAZA

CERTIFICATE OF ANALYSIS WH10159066

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
E147342		12.49	0.005		<0.2	1.39	9	<10	300	<0.5	<2	1.03	<0.5	7	12	8
E147343		6.41	0.011		0.4	0.75	31	<10	250	0.7	<2	2.60	0.5	8	5	36
E147344		3.90	0.015		0.8	0.58	51	<10	580	<0.5	<2	6.63	1.8	8	3	44
E147345		2.95	0.030		0.5	0.39	120	<10	350	<0.5	<2	1.34	0.7	18	4	27
E147346		8.01	0.021		0.5	1.13	31	<10	380	<0.5	<2	1.46	0.5	12	12	16
E147347		5.46	<0.005		<0.2	1.20	<2	<10	400	<0.5	<2	1.05	<0.5	6	12	7
E147348		10.34	0.008		<0.2	1.28	<2	<10	560	<0.5	<2	1.03	<0.5	6	14	9
E147349		10.04	0.009		0.2	1.24	10	<10	460	0.5	<2	1.44	<0.5	8	8	20
E147350		5.36	>10.0	45.7	41.8	0.90	151	<10	320	0.6	<2	1.06	4.4	8	6	33
E147401		3.48	1.420		16.4	0.66	6760	<10	20	0.5	7	1.10	103.5	12	4	362
E147402		3.99	0.017		<0.2	0.03	19	<10	20	<0.5	<2	20.8	0.5	2	<1	3
E147403		3.38	0.019		1.7	1.11	112	<10	280	<0.5	<2	1.54	7.6	7	8	76
E147404		4.67	0.011		0.4	0.94	146	<10	400	0.5	<2	1.79	4.6	7	8	33
E147405		9.75	0.005		0.2	1.33	33	<10	600	<0.5	<2	1.27	4.7	8	11	9
E147406		10.31	0.007		0.2	1.23	13	<10	380	<0.5	<2	1.21	0.8	7	12	9
E147407		0.12	3.08		>100	0.19	>10000	<10	10	<0.5	<2	0.42	337	3	9	1670
E147408		10.01	0.007		<0.2	1.30	14	<10	390	<0.5	<2	1.18	0.7	7	12	7
E147409		9.25	0.005		0.2	1.23	8	<10	310	<0.5	<2	1.14	0.9	7	11	7
E147410		6.13	<0.005		0.3	1.40	18	<10	660	<0.5	<2	2.07	2.0	8	12	21
E147411		3.72	0.045		22.2	0.85	99	<10	240	0.5	2	3.58	138.5	6	6	189
E147412		7.76	0.061		0.2	1.07	8	<10	410	<0.5	<2	1.51	0.5	6	10	7
E147413		3.02	0.020		0.6	0.50	76	<10	960	0.7	<2	4.26	2.7	7	4	18
E147414		0.12	0.248		>100	1.09	4870	<10	50	<0.5	2	1.49	141.0	12	27	546
E147415		7.04	0.005		0.5	1.31	26	<10	450	0.5	<2	1.31	0.6	7	12	8
E147416		6.98	<0.005		0.2	1.32	6	<10	190	<0.5	<2	1.07	0.5	6	12	7
E147417		7.61	0.007		<0.2	1.32	14	<10	170	0.6	<2	1.54	<0.5	7	9	5
E147418		2.90	0.023		0.5	0.79	252	<10	610	0.6	<2	2.00	1.3	7	5	6
E147419		2.86	<0.005		0.2	0.04	<2	<10	20	<0.5	<2	19.5	<0.5	2	<1	1
E147420		4.98	<0.005		0.2	1.07	7	<10	160	<0.5	<2	1.71	<0.5	7	12	8
E147421		8.35	0.036		0.4	1.30	528	<10	170	0.5	<2	1.52	<0.5	7	12	13
E147422		3.96	<0.005		0.4	1.00	23	<10	220	0.5	<2	1.84	2.1	7	7	16
E147423		5.29	<0.005		0.2	1.11	9	<10	160	0.6	<2	1.85	0.6	7	9	8
E147424		2.58	0.015		2.8	1.06	36	<10	280	0.6	<2	1.90	24.9	7	6	12
E147425		6.40	<0.005		<0.2	1.35	6	<10	140	<0.5	<2	1.82	<0.5	8	10	6
E147426		8.60	<0.005		0.3	1.36	7	<10	200	<0.5	<2	1.25	<0.5	7	11	14
E147427		4.90	<0.005		<0.2	1.40	9	<10	200	<0.5	<2	1.38	<0.5	6	11	29

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10159066

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
E147342		2.66	10	<1	0.23	20	0.69	475	1	0.12	2	610	9	0.03	<2	4
E147343		2.56	<10	<1	0.20	30	0.21	868	3	0.01	2	560	16	0.09	8	7
E147344		2.63	<10	<1	0.33	10	0.40	2540	10	0.01	2	440	124	0.51	8	2
E147345		2.85	<10	<1	0.22	10	0.17	825	5	0.02	3	440	53	0.98	5	2
E147346		3.22	<10	<1	0.30	20	0.59	629	2	0.08	3	620	29	0.61	2	5
E147347		2.50	<10	<1	0.25	20	0.65	434	3	0.11	2	600	7	0.03	<2	4
E147348		2.66	<10	<1	0.34	20	0.66	436	2	0.13	2	620	6	0.02	<2	5
E147349		2.78	<10	<1	0.28	40	0.46	661	2	0.05	2	640	10	0.12	3	7
E147350		3.26	<10	<1	0.28	30	0.35	1210	3	0.01	3	610	90	0.47	6	8
E147401		7.89	<10	<1	0.37	10	0.37	1940	4	0.01	1	480	3750	6.3	53	3
E147402		0.48	<10	<1	0.01	<10	12.85	220	<1	0.02	<1	190	13	<0.01	<2	<1
E147403		3.22	<10	<1	0.34	10	0.64	1650	2	0.07	2	650	159	0.47	4	5
E147404		2.84	<10	<1	0.29	20	0.64	747	1	0.05	3	640	19	0.17	4	7
E147405		2.87	<10	<1	0.35	20	0.63	591	1	0.12	2	630	8	0.07	2	6
E147406		2.62	<10	<1	0.24	20	0.65	556	1	0.09	2	620	9	0.10	<2	5
E147407		14.2	<10	1	0.08	<10	0.19	1540	1	0.01	13	140	>10000	>10.0	590	1
E147408		2.72	10	<1	0.29	20	0.59	572	1	0.13	1	560	11	0.02	3	5
E147409		2.55	<10	<1	0.23	20	0.67	609	1	0.10	1	620	16	0.02	<2	4
E147410		2.75	<10	<1	0.29	30	0.65	1070	1	0.09	2	600	13	0.08	<2	6
E147411		3.50	<10	<1	0.25	20	1.07	5430	2	0.05	1	520	2640	1.18	7	6
E147412		2.54	<10	<1	0.29	20	0.60	632	1	0.09	2	540	16	0.07	<2	6
E147413		3.00	<10	<1	0.27	20	1.42	1910	2	0.02	2	470	112	0.39	2	6
E147414		7.60	<10	1	0.16	<10	0.48	1240	7	0.06	25	520	9470	6.9	99	3
E147415		2.71	<10	<1	0.27	20	0.54	563	3	0.08	3	600	23	0.03	<2	6
E147416		2.73	<10	<1	0.15	20	0.80	519	1	0.09	2	600	12	0.04	4	5
E147417		2.92	<10	<1	0.20	30	0.44	665	1	0.04	2	640	7	0.07	4	8
E147418		2.69	<10	<1	0.20	20	0.58	1630	37	0.02	1	590	71	0.37	10	7
E147419		0.39	<10	<1	0.02	<10	12.00	192	1	0.01	1	230	2	<0.01	2	<1
E147420		2.58	<10	<1	0.17	20	0.63	575	1	0.08	3	620	8	0.05	2	6
E147421		2.73	<10	<1	0.20	20	0.64	518	1	0.11	2	590	42	0.09	22	6
E147422		2.59	<10	<1	0.16	30	0.56	674	1	0.03	1	600	26	0.09	2	7
E147423		2.70	<10	<1	0.21	20	0.51	769	1	0.06	1	590	22	0.11	4	7
E147424		2.33	<10	<1	0.24	20	0.41	643	1	0.04	2	560	371	0.33	2	5
E147425		2.54	10	<1	0.22	20	0.64	581	2	0.08	1	580	13	0.06	2	5
E147426		2.49	<10	<1	0.20	20	0.64	527	3	0.09	1	610	60	0.09	<2	4
E147427		2.65	<10	<1	0.21	10	0.65	545	3	0.09	16	610	33	0.05	<2	4

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

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10159066

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
E147342		50	<20	0.14	<10	<10	57	<10	51			
E147343		46	<20	<0.01	<10	<10	32	<10	117			
E147344		108	<20	<0.01	<10	<10	14	<10	281			
E147345		19	<20	<0.01	<10	<10	10	<10	171			
E147346		50	<20	0.06	<10	<10	44	<10	81			
E147347		49	<20	0.14	<10	<10	58	<10	31			
E147348		49	<20	0.14	<10	<10	59	<10	35			
E147349		47	20	0.04	<10	<10	45	<10	68			
E147350		23	<20	0.02	<10	<10	34	<10	1055			
E147401		47	<20	<0.01	<10	<10	16	<10	8200			
E147402		49	<20	<0.01	<10	10	2	<10	47			
E147403		46	<20	0.04	<10	<10	42	<10	818			
E147404		74	<20	0.03	<10	<10	42	<10	462			
E147405		65	<20	0.11	<10	<10	58	<10	296			
E147406		51	<20	0.12	<10	<10	56	<10	106			
E147407		19	<20	<0.01	<10	<10	7	150	>10000	421	3.50	3.05
E147408		54	<20	0.12	<10	<10	53	<10	104			
E147409		44	<20	0.14	<10	<10	59	<10	92			
E147410		72	<20	0.05	<10	<10	50	<10	145			
E147411		92	<20	0.01	<10	<10	32	10	>10000		1.060	
E147412		64	<20	0.04	<10	<10	42	<10	79			
E147413		77	<20	<0.01	<10	<10	27	<10	325			
E147414		77	<20	0.06	<10	<10	35	20	>10000	337	1.285	
E147415		47	20	0.09	<10	<10	53	<10	109			
E147416		42	<20	0.10	<10	<10	55	<10	80			
E147417		40	<20	0.02	<10	<10	48	<10	66			
E147418		40	<20	0.01	<10	<10	35	<10	239			
E147419		46	<20	<0.01	<10	<10	2	<10	15			
E147420		59	<20	0.04	<10	<10	47	<10	44			
E147421		60	<20	0.06	<10	<10	49	<10	69			
E147422		43	<20	0.02	<10	<10	40	<10	149			
E147423		57	<20	0.03	<10	<10	44	<10	73			
E147424		48	<20	0.02	<10	<10	35	<10	1350			
E147425		47	<20	0.06	<10	<10	47	<10	55			
E147426		41	<20	0.14	<10	<10	55	<10	62			
E147427		42	<20	0.12	<10	<10	54	<10	61			

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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Finalized Date: 10- NOV- 2010
Account: ROCKHA

CERTIFICATE WH10159764

Project: KLAZA

P.O. No.: BATCH 11

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 1- NOV- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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CERTIFICATE OF ANALYSIS WH10159764

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
E147428		5.12	<0.005	9.5	1.07	10	<10	380	<0.5	<2	1.41	9.6	8	6	20	2.46
E147429		6.44	0.005	<0.2	1.24	9	<10	200	<0.5	<2	0.99	<0.5	6	9	11	2.40
E147430		3.92	0.206	9.8	0.97	554	<10	280	0.5	<2	1.56	17.4	7	6	31	2.85
E147431		4.08	0.136	7.3	1.29	79	<10	200	0.6	<2	1.36	1.1	7	4	24	2.75
E147432		3.07	1.910	38.5	0.35	5570	<10	30	0.6	<2	1.84	48.3	6	1	88	2.94
E147433		3.77	0.016	<0.2	0.03	14	<10	20	<0.5	<2	18.2	<0.5	2	<1	7	0.39
E147434		2.77	0.535	4.5	0.44	1460	<10	60	0.7	<2	1.35	10.0	7	<1	24	2.87
E147435		5.38	0.008	0.3	0.77	58	<10	180	0.6	<2	1.97	0.5	8	4	10	2.45
E147436		3.65	0.299	24.8	0.81	1245	<10	170	0.5	<2	1.54	29.1	6	3	294	3.42
E147437		4.88	<0.005	<0.2	1.08	22	<10	130	<0.5	<2	1.25	<0.5	7	8	10	2.45
E147438		7.24	0.026	<0.2	1.29	12	<10	150	<0.5	<2	1.12	<0.5	7	8	8	2.59
E147439		0.09	2.95	>100	0.17	>10000	<10	10	<0.5	<2	0.40	326	3	6	1610	13.5
E147440		9.31	<0.005	0.6	1.28	79	<10	300	<0.5	<2	0.88	0.5	7	7	15	2.57
E147441		10.37	<0.005	0.2	1.11	21	<10	210	<0.5	<2	1.12	<0.5	6	7	11	2.35
E147442		5.00	0.037	<0.2	1.24	21	<10	340	<0.5	<2	1.53	<0.5	7	6	11	2.94
E147443		7.90	<0.005	<0.2	0.75	16	<10	890	0.7	<2	3.11	<0.5	8	9	16	2.61
E147444		6.66	0.018	<0.2	0.91	214	<10	460	<0.5	<2	1.39	0.6	7	6	11	2.57
E147445		9.97	0.023	<0.2	1.10	6	<10	310	<0.5	<2	1.21	<0.5	7	8	12	2.64
E147446		3.02	5.51	>100	0.49	688	<10	30	0.6	<2	2.21	95.7	22	1	319	4.58
E147447		3.00	0.016	0.2	0.03	3	<10	10	<0.5	<2	18.3	<0.5	2	<1	<1	0.39
E147448		4.30	0.006	0.3	0.59	26	<10	340	0.8	<2	2.35	0.7	7	2	16	2.52
E147449		2.72	0.084	1.6	0.54	112	<10	130	0.8	<2	2.34	2.6	7	2	15	2.67
E147450		2.51	0.409	12.6	0.75	49	<10	950	0.6	<2	2.59	10.4	6	3	22	2.82
E147451		3.38	0.009	0.3	0.95	36	<10	470	0.5	<2	1.54	1.1	7	5	17	2.74
E147452		0.11	0.492	>100	0.25	9830	<10	10	<0.5	<2	2.01	276	14	11	1055	11.85
E147453		5.73	<0.005	1.2	1.04	18	<10	280	<0.5	<2	1.07	0.5	7	7	16	2.65
E147454		2.80	0.100	6.4	1.00	44	<10	270	<0.5	<2	1.51	5.1	8	5	18	3.19
E147455		5.49	<0.005	<0.2	1.15	8	<10	170	<0.5	<2	1.09	<0.5	6	7	14	2.37
E147456		6.57	<0.005	<0.2	1.04	10	<10	220	<0.5	<2	1.31	<0.5	7	6	15	2.57
E147457		2.96	0.030	6.8	1.06	37	<10	310	0.5	<2	1.24	3.6	7	6	24	2.94
E147458		8.32	<0.005	0.2	0.99	9	<10	180	0.6	<2	1.23	<0.5	7	6	19	2.91
E147459		6.02	<0.005	<0.2	1.12	8	<10	150	<0.5	<2	0.94	<0.5	6	7	13	2.39
E147460		3.07	0.043	1.2	0.84	53	<10	220	0.5	<2	1.75	1.2	7	5	14	2.85
E147461		2.77	0.073	4.4	0.58	108	<10	70	0.5	<2	1.93	6.5	16	2	17	3.51
E147462		8.72	0.006	0.5	0.88	23	<10	300	<0.5	<2	1.49	<0.5	6	6	12	2.61
E147463		4.87	0.023	0.2	0.99	18	<10	270	<0.5	<2	1.51	<0.5	6	8	16	2.78

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10159764

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E147428		<10	<1	0.18	20	0.59	578	1	0.06	2	550	1270	0.12	3	4	48
E147429		10	<1	0.15	10	0.67	371	<1	0.09	2	560	10	0.01	2	4	40
E147430		<10	<1	0.22	20	0.58	957	<1	0.06	2	570	733	0.88	22	4	53
E147431		<10	<1	0.17	20	0.56	500	<1	0.04	1	570	133	0.26	14	6	54
E147432		<10	<1	0.22	10	0.57	1825	6	<0.01	1	380	1460	2.26	81	3	39
E147433		<10	<1	0.01	<10	12.25	186	<1	<0.01	<1	200	4	<0.01	<2	<1	49
E147434		<10	<1	0.26	10	0.35	1865	7	<0.01	1	490	373	1.79	20	4	36
E147435		<10	<1	0.19	20	0.62	851	1	0.02	1	540	22	0.17	3	7	65
E147436		<10	<1	0.23	20	0.48	1155	<1	0.04	1	540	2410	1.66	58	6	52
E147437		10	<1	0.13	10	0.64	429	<1	0.08	1	560	18	0.07	<2	5	42
E147438		10	<1	0.15	10	0.79	403	<1	0.10	1	580	10	0.02	2	4	42
E147439		<10	2	0.07	<10	0.18	1460	<1	0.01	13	130	>10000	>10.0	577	1	18
E147440		10	<1	0.20	10	0.76	379	<1	0.10	1	630	37	0.04	<2	3	41
E147441		<10	<1	0.16	20	0.62	452	<1	0.06	<1	550	13	0.06	<2	4	39
E147442		10	<1	0.25	20	0.72	656	1	0.09	1	630	11	0.04	2	7	63
E147443		<10	<1	0.19	20	0.71	688	<1	0.02	2	570	13	0.16	4	9	152
E147444		<10	<1	0.24	20	0.57	711	<1	0.08	1	570	18	0.18	2	6	64
E147445		<10	<1	0.19	20	0.67	555	1	0.10	1	570	9	0.02	<2	5	59
E147446		<10	1	0.29	10	0.48	3100	1	<0.01	<1	440	>10000	4.28	82	3	70
E147447		<10	<1	0.02	<10	12.20	191	<1	0.01	<1	210	20	<0.01	2	<1	53
E147448		<10	<1	0.23	20	0.65	1120	<1	0.01	<1	540	75	0.18	6	7	92
E147449		<10	<1	0.25	20	0.70	1410	<1	<0.01	<1	510	190	0.82	8	6	68
E147450		<10	<1	0.24	20	0.86	1575	<1	0.03	1	520	63	0.29	8	6	82
E147451		<10	<1	0.24	20	0.68	904	<1	0.07	1	560	29	0.25	<2	5	64
E147452		<10	2	0.13	<10	0.09	1950	9	0.01	25	390	>10000	>10.0	194	1	116
E147453		10	<1	0.19	20	0.64	477	1	0.08	1	600	32	0.05	2	5	52
E147454		<10	<1	0.22	10	0.66	1005	1	0.07	<1	630	105	0.76	2	5	51
E147455		10	<1	0.15	10	0.60	433	<1	0.09	1	570	13	0.02	<2	4	45
E147456		<10	<1	0.15	10	0.58	499	<1	0.08	1	570	9	0.05	<2	6	57
E147457		<10	<1	0.14	20	0.53	707	<1	0.05	<1	600	589	0.06	6	7	56
E147458		<10	<1	0.13	30	0.38	618	<1	0.02	1	670	19	0.03	5	8	58
E147459		10	<1	0.14	10	0.68	388	<1	0.08	1	560	12	0.01	<2	3	42
E147460		<10	<1	0.19	20	0.63	756	1	0.05	1	570	68	0.27	<2	6	70
E147461		<10	<1	0.23	20	0.66	1010	3	0.02	1	530	379	1.91	4	5	67
E147462		<10	<1	0.16	20	0.68	617	4	0.06	1	590	21	0.10	<2	6	74
E147463		<10	<1	0.18	20	0.69	581	4	0.08	3	620	20	0.08	<2	7	73

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VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10159764

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
E147428		<20	0.07	<10	<10	46	<10	587			
E147429		<20	0.14	<10	<10	55	<10	35			
E147430		<20	0.05	<10	<10	40	<10	1140			
E147431		<20	0.04	<10	<10	44	<10	163			
E147432		<20	<0.01	<10	<10	7	10	3540			
E147433		<20	<0.01	<10	<10	<1	<10	20			
E147434		<20	<0.01	<10	<10	14	<10	816			
E147435		<20	0.01	<10	<10	36	<10	79			
E147436		<20	0.01	<10	<10	31	10	2980			
E147437		<20	0.09	<10	<10	53	<10	48			
E147438		<20	0.14	<10	<10	59	<10	35			
E147439		<20	<0.01	<10	<10	6	150	>10000	436	3.62	3.06
E147440		<20	0.16	<10	<10	61	<10	76			
E147441		<20	0.10	<10	<10	48	<10	37			
E147442		<20	0.09	<10	<10	59	<10	43			
E147443		<20	0.01	<10	<10	40	<10	44			
E147444		<20	0.07	<10	<10	45	<10	92			
E147445		<20	0.09	<10	<10	51	<10	37			
E147446		<20	<0.01	<10	<10	11	40	>10000	107	1.145	1.240
E147447		<20	<0.01	<10	<10	<1	<10	35			
E147448		<20	<0.01	<10	<10	29	<10	98			
E147449		<20	<0.01	<10	<10	22	<10	258			
E147450		<20	0.02	<10	<10	34	<10	885			
E147451		<20	0.06	<10	<10	44	<10	123			
E147452		<20	<0.01	<10	<10	5	20	>10000	722	2.82	1.925
E147453		<20	0.12	<10	<10	58	<10	72			
E147454		<20	0.07	<10	<10	49	<10	462			
E147455		<20	0.12	<10	<10	54	<10	34			
E147456		<20	0.07	<10	<10	53	<10	36			
E147457		<20	0.03	<10	<10	49	<10	248			
E147458		20	0.01	<10	<10	51	<10	52			
E147459		<20	0.13	<10	<10	52	<10	35			
E147460		<20	0.02	<10	<10	41	<10	119			
E147461		<20	<0.01	<10	<10	26	<10	459			
E147462		<20	0.04	<10	<10	45	<10	51			
E147463		<20	0.04	<10	<10	48	<10	52			

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Project: KLAZA

P.O. No.: BATCH 12

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JOAN MARIACHER	BILL WENGZYNOWSKI	

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Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH10159768

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
E147464		4.92	<0.005	0.3	0.98	2	<10	190	<0.5	<2	1.59	<0.5	6	10	10	2.63
E147465		2.70	0.041	9.5	0.86	114	<10	250	<0.5	<2	1.80	27.2	7	8	31	2.91
E147466		3.24	<0.005	0.3	0.78	16	<10	230	0.5	<2	1.96	<0.5	4	7	6	2.65
E147467		3.06	0.545	11.3	0.45	248	<10	230	0.7	3	2.91	25.3	7	4	75	3.17
E147468		6.77	0.005	0.3	1.01	6	<10	300	0.5	<2	1.61	<0.5	6	10	10	2.70
E147469		5.85	0.009	0.4	1.02	7	<10	150	<0.5	<2	1.46	0.5	6	12	8	2.72
E147470		3.36	<0.005	<0.2	0.03	<2	<10	<10	<0.5	<2	19.9	<0.5	1	<1	2	0.42
E147471		12.79	<0.005	0.3	0.84	13	<10	570	0.6	<2	1.87	<0.5	7	8	7	3.08
E147472		3.40	<0.005	0.2	0.72	14	<10	350	0.6	<2	1.66	<0.5	6	6	9	2.75
E147473		2.85	0.015	1.6	0.60	33	<10	1000	0.7	<2	2.39	4.5	7	5	18	2.54
E147474		9.93	<0.005	0.5	0.56	3	<10	910	1.0	2	3.36	<0.5	6	4	1	2.15
E147475		6.49	0.005	0.6	0.62	6	<10	1060	1.0	<2	3.15	<0.5	6	4	2	2.17
E147476		0.11	0.518	>100	0.28	9010	<10	<10	<0.5	3	2.05	278	15	12	1020	11.85
E147477		6.93	0.011	0.2	0.70	30	<10	1620	1.0	<2	2.20	1.2	6	4	3	2.30
E147478		8.11	0.011	0.6	0.72	40	<10	430	0.6	<2	2.48	0.5	7	6	10	2.81
E147479		3.25	0.145	12.9	0.36	179	<10	50	<0.5	10	2.58	18.1	6	2	124	3.86
E147480		5.20	0.034	4.2	0.47	56	<10	300	0.5	5	3.20	1.6	6	3	6	2.31
E147481		5.45	0.157	4.6	0.49	138	<10	140	0.7	3	2.32	15.8	6	4	38	2.94
E147482		3.97	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	19.4	<0.5	1	1	2	0.39
E147483		9.50	0.007	0.7	0.59	32	<10	350	0.8	2	2.75	0.7	6	3	8	2.32
E147484		9.34	0.025	1.1	0.55	45	<10	530	0.9	<2	2.65	0.9	7	3	8	2.37
E147485		10.24	0.011	0.7	0.63	16	<10	600	0.5	<2	2.17	2.0	6	6	6	2.71
E147486		10.49	<0.005	0.2	0.70	17	<10	720	0.5	<2	2.11	0.5	5	6	5	2.75
E147487		0.09	3.48	>100	0.17	>10000	<10	20	<0.5	<2	0.41	327	2	8	1550	13.75
E147488		8.63	0.045	0.9	0.71	103	<10	440	<0.5	<2	1.69	2.4	6	7	11	2.63
E147489		7.17	0.103	1.2	0.68	73	<10	600	0.8	<2	2.31	2.3	6	3	16	2.42
E147490		2.37	0.036	0.8	0.65	54	<10	380	0.7	<2	2.44	<0.5	6	3	23	2.38
E147491		8.04	0.055	1.7	1.17	38	<10	650	0.8	<2	2.69	2.8	5	4	14	2.58
E147492		2.94	0.709	10.5	0.57	799	<10	170	0.6	<2	2.53	27.6	6	3	88	2.91
E147493		5.73	0.012	0.3	0.60	49	<10	750	0.5	<2	2.39	<0.5	5	5	9	2.67
E147494		2.68	0.090	3.9	0.55	77	<10	450	0.6	<2	2.38	2.4	9	5	20	2.82
E147495		2.48	0.930	88.3	0.50	373	<10	250	0.8	<2	2.83	54.3	5	15	181	2.44
E147496		3.61	0.126	3.2	0.57	333	<10	150	0.9	<2	2.84	2.5	5	8	16	2.36
E147497		3.24	1.910	55.1	0.46	2930	<10	90	0.9	<2	2.27	79.3	6	9	236	2.76
E147498		6.87	0.095	1.6	0.54	79	<10	340	0.9	<2	2.99	3.2	4	7	7	2.06
E147499		4.62	1.315	27.3	0.60	241	<10	100	1.0	<2	2.70	20.5	5	11	135	2.28

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

Finalized Date: 13- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10159768

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E147464		<10	<1	0.15	20	0.71	537	1	0.07	1	570	7	0.07	<2	6	68
E147465		<10	1	0.24	20	0.62	832	1	0.06	1	540	389	0.54	3	5	87
E147466		<10	<1	0.24	20	0.62	756	2	0.05	1	570	10	0.19	2	6	87
E147467		<10	1	0.27	20	0.91	1430	1	0.02	1	550	1315	1.32	6	4	142
E147468		<10	<1	0.20	20	0.58	550	2	0.07	2	580	16	0.06	2	7	72
E147469		<10	<1	0.16	30	0.64	499	1	0.08	<1	600	58	0.10	<2	7	62
E147470		<10	1	0.02	10	12.40	194	<1	0.02	<1	180	2	<0.01	<2	<1	52
E147471		<10	1	0.17	30	0.60	650	1	0.04	2	610	13	0.15	<2	8	76
E147472		<10	<1	0.17	30	0.61	633	1	0.03	<1	590	8	0.07	2	8	89
E147473		<10	<1	0.24	20	0.84	762	1	0.02	1	540	296	0.28	4	6	144
E147474		<10	<1	0.27	20	0.98	583	<1	0.03	1	670	13	0.05	2	4	354
E147475		<10	<1	0.31	20	0.92	533	<1	0.03	2	760	16	0.06	<2	4	313
E147476		<10	2	0.15	10	0.09	1960	10	0.02	22	380	>10000	>10.0	186	1	114
E147477		<10	<1	0.32	10	0.74	645	1	0.02	2	680	75	0.21	<2	4	149
E147478		<10	<1	0.25	20	0.80	890	2	0.04	2	570	32	0.29	2	7	135
E147479		<10	1	0.29	10	0.64	2070	2	0.02	1	550	1415	3.00	9	3	85
E147480		<10	1	0.32	20	0.93	2050	4	0.02	1	520	97	0.99	2	3	105
E147481		<10	<1	0.31	20	0.76	1370	3	0.02	1	550	394	1.38	4	3	110
E147482		<10	<1	0.02	10	12.35	188	<1	0.02	2	230	3	<0.01	<2	<1	49
E147483		<10	<1	0.31	10	0.88	644	1	0.02	3	560	23	0.32	2	3	198
E147484		<10	<1	0.29	10	0.89	604	2	0.02	3	490	53	0.25	2	4	183
E147485		<10	1	0.20	20	0.85	611	<1	0.05	<1	550	60	0.19	<2	6	130
E147486		<10	1	0.21	20	0.80	626	<1	0.07	<1	590	16	0.06	<2	7	138
E147487		<10	1	0.07	<10	0.17	1485	<1	0.02	7	130	>10000	>10.0	547	1	19
E147488		<10	<1	0.18	20	0.69	591	1	0.07	<1	590	106	0.13	<2	7	115
E147489		<10	<1	0.29	20	0.48	984	1	0.03	<1	560	127	0.48	<2	5	163
E147490		<10	<1	0.29	20	0.48	1200	1	0.03	<1	560	26	0.20	2	5	159
E147491		<10	<1	0.25	20	0.64	412	2	0.03	<1	740	117	0.21	<2	5	337
E147492		<10	1	0.29	20	0.64	865	2	0.03	<1	530	1045	0.95	9	6	169
E147493		<10	<1	0.28	20	0.65	728	1	0.05	<1	550	23	0.09	<2	7	162
E147494		<10	<1	0.23	20	0.68	841	1	0.04	<1	550	204	0.55	2	6	165
E147495		<10	<1	0.23	10	0.66	732	1	0.03	7	370	>10000	1.13	57	4	218
E147496		<10	<1	0.28	10	0.84	1160	<1	0.03	6	400	215	0.85	3	4	204
E147497		<10	1	0.23	10	0.57	829	2	0.02	13	360	7300	1.78	43	4	193
E147498		<10	<1	0.29	10	0.75	582	1	0.03	4	620	235	0.31	<2	5	286
E147499		<10	1	0.28	10	0.87	513	1	0.03	10	470	2800	0.56	23	5	162

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Finalized Date: 13- NOV- 2010
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Project: KLAZA

CERTIFICATE OF ANALYSIS WH10159768

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Zn- OG46 Zn % 0.001	Pb- OG46 Pb % 0.001
E147464		<20	0.03	<10	<10	44	<10	37			
E147465		<20	0.02	<10	<10	37	<10	1475			
E147466		<20	0.01	<10	<10	36	<10	50			
E147467		<20	<0.01	<10	<10	20	<10	1705			
E147468		<20	0.05	<10	<10	45	<10	53			
E147469		<20	0.03	<10	<10	49	<10	53			
E147470		<20	<0.01	<10	10	1	<10	15			
E147471		<20	0.01	<10	<10	42	<10	48			
E147472		<20	0.01	<10	<10	36	<10	43			
E147473		<20	<0.01	<10	<10	27	<10	465			
E147474		<20	<0.01	<10	<10	32	<10	45			
E147475		<20	0.01	<10	<10	29	<10	52			
E147476		<20	<0.01	<10	<10	5	30	>10000	695	2.55	1.730
E147477		<20	<0.01	<10	<10	24	<10	112			
E147478		<20	<0.01	<10	<10	33	<10	63			
E147479		<20	<0.01	<10	<10	10	<10	1485			
E147480		<20	<0.01	<10	<10	9	<10	128			
E147481		<20	<0.01	<10	<10	15	<10	1060			
E147482		<20	<0.01	<10	<10	1	<10	20			
E147483		<20	<0.01	<10	<10	28	<10	84			
E147484		<20	<0.01	<10	<10	30	<10	94			
E147485		<20	0.01	<10	<10	35	<10	148			
E147486		<20	0.01	<10	<10	38	<10	64			
E147487		<20	<0.01	<10	<10	6	150	>10000	426	3.58	3.07
E147488		<20	0.01	<10	<10	35	<10	211			
E147489		<20	<0.01	<10	<10	17	<10	171			
E147490		<20	<0.01	<10	<10	17	<10	53			
E147491		<20	<0.01	<10	<10	24	<10	262			
E147492		<20	<0.01	<10	<10	16	<10	1805			
E147493		<20	0.01	<10	<10	26	<10	52			
E147494		<20	0.01	<10	<10	26	<10	200			
E147495		<20	<0.01	<10	<10	20	<10	4810			1.470
E147496		<20	<0.01	<10	<10	20	<10	276			
E147497		<20	<0.01	<10	<10	17	<10	4770			
E147498		<20	<0.01	<10	<10	23	<10	274			
E147499		<20	<0.01	<10	<10	24	<10	1280			

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

Finalized Date: 16- NOV- 2010
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CERTIFICATE WH10159769

Project: KLAZA

P.O. No.: BATCH 13

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- NOV- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Ag- GRA21	Ag 30g FA- GRAV finish	WST- SIM
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH10159769

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
E147500		3.89	>10.0	39.3	>100	0.38	>10000	<10	10	<0.5	10	1.32	>1000	10	4	2310
J981200		2.87	0.103		3.3	0.83	222	<10	990	1.1	<2	3.23	3.8	6	8	15
J981201		3.15	3.28		>100	0.47	3230	<10	170	0.8	<2	2.94	15.1	6	4	86
J981202		2.47	0.095		4.5	0.52	257	<10	510	0.9	<2	2.70	3.6	5	3	13
J981203		7.94	0.111		1.3	0.57	191	<10	300	0.8	<2	3.05	<0.5	6	6	2
J981204		4.11	0.336		11.6	0.38	998	<10	20	<0.5	<2	1.42	43.3	10	3	29
J981205		5.13	>10.0	38.4	>100	0.34	>10000	<10	10	<0.5	6	1.57	648	1	3	3780
J981206		2.38	0.036		2.0	0.06	75	<10	20	<0.5	<2	18.7	0.6	1	1	6
J981207		3.23	3.70		19.0	0.30	7380	<10	20	0.5	<2	2.24	37.0	7	4	55
J981208		6.09	0.225		7.5	0.53	249	<10	240	0.8	2	2.86	2.5	8	4	31
J981209		3.11	0.363		4.4	0.38	328	<10	50	0.7	<2	3.25	4.2	6	3	21
J981210		3.28	0.186		2.3	0.41	478	<10	30	0.6	<2	2.07	5.1	7	4	8
J981211		5.26	0.030		4.8	0.69	99	<10	340	0.5	<2	1.73	19.3	7	6	14
J981212		4.35	0.009		1.2	0.69	11	<10	730	0.6	<2	1.53	1.8	6	5	14
J981213		3.72	0.141		3.0	0.45	567	<10	100	0.7	<2	1.69	2.9	7	5	14
J981214		4.36	0.709		36.6	0.58	3100	<10	30	0.7	3	2.11	38.8	11	6	83
J981215		0.13	0.242		>100	1.00	4570	<10	40	<0.5	<2	1.41	135.0	11	25	515
J981216		9.16	0.006		<0.2	0.89	13	<10	340	<0.5	<2	1.38	0.8	7	8	10
J981217		4.85	0.733		6.7	0.74	1410	<10	160	0.5	<2	2.05	24.4	7	6	40
J981218		11.69	0.009		0.4	1.14	20	<10	210	<0.5	<2	1.38	<0.5	6	9	14

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CERTIFICATE OF ANALYSIS WH10159769

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
E147500		8.35	<10	2	0.24	10	0.46	1250	<1	0.01	1	310	>10000	>10.0	746	2
J981200		2.69	<10	<1	0.27	20	0.99	714	1	0.02	2	1230	175	0.20	8	5
J981201		2.85	<10	<1	0.21	20	0.88	1080	3	0.01	<1	540	2600	0.91	481	7
J981202		2.38	<10	1	0.26	20	0.80	955	1	0.01	<1	540	274	0.37	8	7
J981203		2.81	<10	<1	0.28	20	0.89	1975	1	0.01	<1	540	30	0.80	4	7
J981204		3.38	<10	<1	0.26	10	0.39	1850	1	0.01	<1	520	1880	3.19	11	3
J981205		11.60	<10	4	0.22	<10	0.60	3880	14	0.01	<1	180	>10000	>10.0	2190	1
J981206		0.40	<10	<1	0.03	<10	11.20	185	<1	0.01	1	210	45	<0.01	<2	<1
J981207		3.50	<10	<1	0.19	10	0.84	1180	9	0.01	2	340	2050	3.03	27	2
J981208		2.48	<10	<1	0.25	20	0.95	892	1	0.01	1	520	242	0.79	4	7
J981209		2.29	<10	<1	0.23	10	1.07	1290	1	0.01	1	430	251	1.19	6	4
J981210		2.74	<10	<1	0.30	10	0.60	1600	<1	0.01	1	540	255	2.18	2	3
J981211		2.73	<10	<1	0.19	20	0.56	649	1	0.02	2	550	618	0.59	2	7
J981212		2.50	<10	<1	0.17	10	0.51	772	1	0.02	1	540	135	0.17	<2	7
J981213		2.60	<10	<1	0.23	10	0.50	1200	4	0.01	2	420	186	1.04	5	5
J981214		3.73	<10	<1	0.24	10	0.62	1030	1	0.02	1	440	3250	2.34	37	6
J981215		7.22	<10	1	0.14	<10	0.44	1175	6	0.06	22	500	8870	6.5	83	3
J981216		2.57	<10	<1	0.17	20	0.68	560	3	0.07	4	600	18	0.16	<2	7
J981217		2.86	<10	<1	0.25	20	0.68	1090	1	0.04	1	630	1030	0.91	6	5
J981218		2.63	10	<1	0.16	20	0.69	534	1	0.08	1	610	31	0.06	<2	5

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Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Ag- GRA21	Pb- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Ag	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	5	0.001
E147500		55	<20	<0.01	<10	<10	9	20	>10000	709	6.68		7.97
J981200		280	<20	0.02	<10	<10	35	<10	222				
J981201		142	<20	<0.01	<10	<10	20	<10	716	388			
J981202		145	<20	<0.01	<10	<10	16	<10	245				
J981203		141	<20	<0.01	<10	<10	24	<10	51				
J981204		43	<20	<0.01	<10	<10	8	<10	2600				
J981205		39	<20	<0.01	<10	<10	7	20	>10000	>1500	4.27	1785	6.53
J981206		47	<20	<0.01	<10	<10	<1	<10	53				
J981207		52	<20	<0.01	<10	<10	6	<10	2440				
J981208		124	<20	<0.01	<10	<10	23	<10	183				
J981209		121	<20	<0.01	<10	<10	11	<10	324				
J981210		73	<20	<0.01	<10	<10	8	<10	401				
J981211		80	<20	<0.01	<10	<10	33	<10	1080				
J981212		71	<20	0.01	<10	<10	36	<10	120				
J981213		69	<20	<0.01	<10	<10	18	<10	274				
J981214		90	<20	<0.01	<10	<10	24	<10	3430				
J981215		76	<20	0.05	<10	<10	33	20	>10000	341	1.285		
J981216		69	<20	0.03	<10	<10	44	<10	72				
J981217		86	<20	0.02	<10	<10	33	<10	1645				
J981218		56	<20	0.08	<10	<10	52	<10	58				

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
Account: ROCKHA

CERTIFICATE WH10161140

Project: KLAZA

P.O. No.: Batch 14

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- NOV- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10161140

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
J981219		4.38	<0.005		<0.2	0.75	9	<10	220	<0.5	<2	1.80	2.0	4	7	6
J981220		5.35	0.012		0.4	0.69	27	<10	380	<0.5	<2	1.90	2.3	12	6	15
J981221		8.29	0.008		0.6	0.41	52	<10	390	<0.5	<2	2.07	17.0	7	4	41
J981222		10.37	2.51		6.7	0.47	504	<10	790	<0.5	5	0.34	4.1	1	4	168
J981223		4.48	0.036		1.9	0.38	156	<10	230	<0.5	3	0.65	44.8	12	5	348
J981224		7.22	0.009		1.1	0.73	73	<10	480	<0.5	2	0.77	17.9	9	5	150
J981225		2.84	0.006		0.4	0.36	19	<10	790	<0.5	<2	0.18	3.4	8	4	20
J981226		3.54	0.010		0.5	0.62	6	<10	430	<0.5	<2	0.25	4.5	4	6	10
J981227		0.11	0.498		>100	0.26	9910	<10	10	<0.5	2	2.03	282	14	13	1055
J981228		8.34	0.051		0.9	0.48	65	<10	750	<0.5	4	0.87	24.1	7	5	201
J981229		9.64	0.008		0.4	0.46	78	<10	400	0.5	5	1.19	40.4	13	5	178
J981230		10.62	0.014		0.8	0.84	63	<10	410	0.5	6	0.37	14.2	8	5	86
J981231		9.35	0.007		0.6	0.81	24	<10	620	0.5	4	1.57	6.4	9	6	40
J981232		3.69	<0.005		<0.2	0.04	3	<10	20	<0.5	4	20.6	<0.5	2	1	1
J981233		5.64	0.014		0.3	0.94	48	<10	180	0.6	6	1.34	21.7	10	5	19
J981234		3.13	>10.0	14.25	15.6	0.66	349	<10	20	<0.5	10	1.29	30.6	17	4	35
J981235		8.94	0.008		0.7	0.72	24	<10	410	0.5	7	1.33	6.1	8	5	34
J981236		0.06	3.35		>100	0.18	>10000	<10	10	<0.5	3	0.41	334	2	9	1635
J981237		8.40	0.086		0.4	0.73	26	<10	890	0.5	3	1.26	4.3	8	7	52
J981238		7.53	<0.005		<0.2	1.34	8	<10	150	0.5	3	1.14	<0.5	6	10	5
J981239		9.38	<0.005		0.2	1.25	15	<10	250	0.6	4	2.20	0.6	14	11	5
J981240		7.91	0.010		0.4	1.11	16	<10	650	0.6	4	1.28	1.3	9	7	14
J981241		5.63	<0.005		0.4	0.89	8	<10	380	<0.5	6	1.80	<0.5	7	7	37
J981242		4.88	0.037		0.6	0.83	50	<10	360	0.6	5	1.21	0.7	9	6	50
J981243		2.55	<0.005		<0.2	0.04	<2	<10	20	<0.5	2	20.5	<0.5	2	<1	<1
J981244		2.59	0.553		6.1	0.67	390	<10	40	0.5	11	0.95	14.1	9	3	221
J981245		3.63	0.009		0.4	0.50	82	<10	260	0.5	5	1.53	0.6	6	5	33
J981246		6.12	0.006		0.5	1.01	20	<10	500	0.5	4	2.03	<0.5	6	8	40
J981247		7.12	0.007		0.2	0.69	9	<10	270	<0.5	5	1.38	<0.5	7	7	10
J981248		2.95	0.066		2.5	0.68	150	<10	30	0.5	7	1.50	6.7	7	4	131
J981249		10.64	0.012		0.2	0.54	11	<10	530	<0.5	3	0.78	0.6	7	6	5
J981250		4.21	<0.005		0.2	0.89	12	<10	460	0.5	4	0.75	1.0	8	5	19
J981251		4.35	0.006		0.2	0.52	8	<10	820	0.6	3	1.64	0.5	7	5	9
J981252		3.03	0.080		0.6	0.67	209	<10	250	0.8	3	1.46	2.6	7	5	7
J981253		9.23	0.014		0.2	0.40	27	<10	860	0.6	4	1.05	<0.5	6	5	16
J981254		2.80	0.018		0.9	0.76	92	<10	60	0.5	6	0.74	1.6	5	5	29

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VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10161140

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
J981219		2.20	<10	<1	0.20	20	0.31	605	1	0.03	1	560	7	0.11	<2	4
J981220		2.07	<10	<1	0.35	10	0.25	630	45	0.02	2	470	22	0.60	<2	2
J981221		2.03	<10	<1	0.29	10	0.11	1080	15	0.01	2	530	205	0.24	<2	2
J981222		2.26	<10	<1	0.35	10	0.07	196	2	0.01	1	310	1400	0.37	16	2
J981223		3.37	<10	<1	0.25	10	0.19	1500	8	0.01	2	550	220	1.07	12	3
J981224		2.76	<10	<1	0.37	10	0.29	1195	3	0.01	2	550	49	0.51	11	4
J981225		2.03	<10	<1	0.22	10	0.16	992	42	0.01	2	500	37	0.29	2	3
J981226		1.78	<10	<1	0.36	<10	0.18	857	30	0.01	1	410	24	0.12	2	3
J981227		11.70	<10	2	0.14	<10	0.09	1925	10	<0.01	26	400	>10000	>10.0	177	1
J981228		2.11	<10	<1	0.22	10	0.26	870	2	<0.01	2	520	30	0.25	<2	4
J981229		3.39	<10	<1	0.23	10	0.42	1200	1	<0.01	2	550	30	0.57	2	4
J981230		3.19	<10	1	0.30	10	0.20	1250	1	<0.01	2	460	198	0.47	7	5
J981231		2.59	<10	<1	0.25	10	0.55	1225	3	0.01	1	570	54	0.25	8	4
J981232		0.42	<10	<1	0.02	<10	12.40	206	<1	<0.01	<1	270	7	<0.01	<2	<1
J981233		2.95	<10	<1	0.23	20	0.33	1040	<1	<0.01	<1	600	21	0.45	<2	5
J981234		6.88	<10	<1	0.43	10	0.50	2010	1	<0.01	1	480	592	5.68	<2	3
J981235		2.87	<10	<1	0.41	20	0.55	1605	<1	<0.01	1	570	109	0.58	3	3
J981236		13.9	<10	1	0.08	<10	0.17	1515	<1	<0.01	11	140	>10000	>10.0	567	1
J981237		2.85	<10	<1	0.25	20	0.56	1095	1	0.04	1	590	22	0.42	5	5
J981238		2.80	<10	<1	0.16	20	0.57	527	<1	0.06	1	600	17	0.04	<2	7
J981239		3.14	<10	<1	0.16	30	0.65	747	<1	0.02	2	760	19	0.17	4	9
J981240		2.98	<10	<1	0.33	20	0.55	1065	<1	<0.01	1	620	30	0.32	<2	6
J981241		2.95	<10	<1	0.19	20	0.70	825	<1	0.03	<1	580	18	0.21	3	6
J981242		3.57	<10	<1	0.36	20	0.60	1145	<1	<0.01	1	580	39	0.57	7	4
J981243		0.43	<10	<1	0.02	<10	12.40	207	<1	<0.01	<1	290	8	<0.01	<2	<1
J981244		4.41	<10	<1	0.41	10	0.47	1870	2	<0.01	1	540	653	2.39	15	3
J981245		2.79	<10	<1	0.25	20	0.57	1045	<1	<0.01	<1	550	17	0.72	3	5
J981246		2.73	<10	<1	0.31	20	0.72	735	<1	0.04	<1	580	20	0.23	<2	5
J981247		2.57	<10	<1	0.15	20	0.44	623	<1	0.01	1	600	14	0.32	<2	7
J981248		3.92	<10	<1	0.44	10	0.52	1640	1	<0.01	<1	530	335	2.26	13	4
J981249		2.67	<10	1	0.20	20	0.40	927	1	<0.01	1	610	18	0.42	<2	6
J981250		2.86	<10	1	0.26	20	0.37	917	<1	<0.01	1	600	18	0.51	<2	6
J981251		2.74	<10	<1	0.27	20	0.62	1075	<1	<0.01	1	610	19	0.20	<2	6
J981252		3.46	<10	<1	0.41	20	0.60	1355	1	<0.01	1	550	108	0.85	<2	6
J981253		2.53	<10	1	0.22	20	0.41	1035	3	<0.01	1	470	20	0.30	2	7
J981254		3.55	<10	<1	0.36	10	0.38	917	<1	<0.01	1	510	90	1.29	4	5

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 10- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10161140

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Zn- OG46 Zn % 0.001	Pb- OG46 Pb % 0.001
J981219		43	<20	0.01	<10	<10	30	<10	617			
J981220		48	<20	<0.01	<10	<10	17	<10	353			
J981221		47	<20	<0.01	<10	<10	10	<10	929			
J981222		31	<20	<0.01	<10	<10	11	<10	416			
J981223		15	<20	<0.01	<10	<10	17	<10	2110			
J981224		22	<20	<0.01	<10	<10	22	<10	933			
J981225		13	<20	<0.01	<10	<10	17	<10	339			
J981226		11	<20	<0.01	<10	<10	17	<10	328			
J981227		116	<20	<0.01	<10	<10	6	20	>10000	680	2.65	1.875
J981228		23	<20	<0.01	<10	<10	17	<10	830			
J981229		26	<20	<0.01	<10	<10	20	<10	1520			
J981230		22	<20	<0.01	<10	<10	25	<10	833			
J981231		44	<20	0.01	<10	<10	27	<10	538			
J981232		53	<20	<0.01	<10	<10	2	<10	19			
J981233		39	<20	<0.01	<10	<10	25	<10	1550			
J981234		23	<20	<0.01	<10	<10	12	<10	2150			
J981235		30	<20	<0.01	<10	<10	20	<10	501			
J981236		19	<20	<0.01	<10	<10	7	150	>10000	406	3.45	3.03
J981237		39	<20	0.01	<10	<10	31	<10	309			
J981238		43	<20	0.04	<10	<10	50	<10	63			
J981239		66	20	0.01	<10	<10	48	<10	119			
J981240		31	<20	<0.01	<10	<10	32	<10	146			
J981241		77	<20	<0.01	<10	<10	37	<10	90			
J981242		38	<20	<0.01	<10	<10	31	<10	156			
J981243		55	<20	<0.01	<10	<10	2	<10	15			
J981244		23	<20	<0.01	<10	<10	16	<10	1060			
J981245		47	<20	<0.01	<10	<10	24	<10	100			
J981246		87	<20	0.01	<10	<10	35	<10	71			
J981247		53	<20	0.01	<10	<10	34	<10	70			
J981248		41	<20	<0.01	<10	<10	18	<10	576			
J981249		22	<20	<0.01	<10	<10	23	<10	98			
J981250		24	<20	<0.01	<10	<10	28	<10	129			
J981251		41	<20	<0.01	<10	<10	25	<10	105			
J981252		30	<20	<0.01	<10	<10	23	<10	282			
J981253		33	<20	<0.01	<10	<10	23	<10	81			
J981254		19	<20	<0.01	<10	<10	22	<10	186			

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2010
Account: ROCKHA

CERTIFICATE WH10166111

Project: KLAZA

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17- NOV- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10166111

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J981291		7.99	0.036	2.6	0.95	103	<10	350	0.7	5	0.35	1.1	6	5	289	4.52
J981292		8.24	0.027	0.7	1.10	37	<10	360	0.7	2	0.77	2.5	8	5	247	3.89
J981293		8.59	0.112	1.0	1.06	69	<10	170	0.9	4	1.41	5.2	14	4	322	3.91
J981294		7.90	0.046	1.4	1.05	67	<10	160	0.8	3	1.34	4.5	13	5	262	3.81
J981295		3.58	0.048	0.3	1.02	37	<10	370	0.8	<2	1.18	4.8	14	5	368	3.18
J981296		2.55	2.89	78.0	0.70	439	<10	60	<0.5	160	0.24	0.5	3	3	1280	4.46
J981297		3.40	0.007	0.2	0.04	2	<10	<10	<0.5	<2	19.2	<0.5	1	1	6	0.40
J981298		7.41	0.062	1.5	0.96	73	<10	60	0.8	3	1.75	3.7	11	5	267	4.00
J981299		4.80	0.036	1.1	0.98	69	<10	100	0.7	2	1.22	2.5	11	5	270	3.46
E146651		6.28	0.018	0.7	1.13	5	<10	410	0.5	<2	1.43	1.0	7	9	59	3.18
E146652		3.19	0.111	3.7	1.08	150	<10	30	0.9	5	0.47	4.8	10	5	736	4.69
E146653		0.06	3.34	>100	0.19	>10000	<10	<10	<0.5	2	0.43	338	2	9	1570	14.2
E146654		3.72	0.013	0.8	1.04	146	<10	220	0.6	3	0.41	4.6	14	4	211	2.58
E146655		5.56	0.097	0.9	0.89	66	<10	100	0.5	<2	0.43	4.6	4	5	257	2.40
E146656		6.78	0.025	0.7	1.32	16	<10	380	0.5	<2	1.11	1.9	9	8	254	2.98
E146657		5.16	0.042	0.8	0.99	18	<10	80	0.6	<2	1.37	2.4	14	6	185	3.34
E146658		0.11	0.490	>100	0.27	9360	<10	<10	<0.5	4	2.05	282	13	13	1010	12.00
E146659		3.61	0.268	3.9	0.80	369	<10	10	0.6	6	1.21	3.5	13	4	612	5.65
E146660		2.49	0.039	0.8	0.97	47	<10	200	0.8	2	0.88	4.8	17	5	443	3.28
E146661		3.83	0.135	1.6	0.94	106	<10	220	1.0	3	1.34	5.2	11	5	617	4.32
E146662		2.85	0.028	1.9	1.04	66	<10	190	0.7	2	1.51	2.9	9	7	208	3.46
E146663		6.95	0.016	0.3	0.99	19	<10	350	0.5	2	1.49	1.2	11	7	64	2.86
E146664		4.36	0.069	2.3	0.80	122	<10	50	0.8	5	1.75	6.3	12	4	285	5.36
E146665		3.72	<0.005	<0.2	0.04	<2	<10	20	<0.5	2	18.8	<0.5	<1	1	1	0.41
E146666		4.82	0.009	<0.2	0.96	12	<10	220	0.6	2	1.76	0.6	14	8	42	2.58
E146667		5.76	0.028	0.3	0.97	21	<10	300	0.8	<2	1.99	1.1	13	5	113	2.93
E146668		5.97	0.010	0.4	1.26	7	<10	410	<0.5	<2	1.39	1.2	8	9	91	2.85
E146669		5.09	0.014	0.2	1.32	10	<10	470	0.5	<2	1.33	1.1	11	9	126	2.79
E146670		2.37	0.014	0.3	1.21	16	<10	300	0.5	2	1.25	1.2	13	8	120	2.83
E146671		4.92	0.024	1.1	0.80	41	<10	80	0.7	3	1.23	4.4	20	5	243	2.66
E146672		3.56	0.030	1.0	0.70	28	<10	140	0.5	2	0.23	1.7	8	5	84	3.59
E146673		4.36	0.021	0.5	0.65	16	<10	70	0.5	3	0.18	1.6	4	4	165	4.21
E146674		3.99	0.036	0.8	0.68	14	<10	170	<0.5	3	0.23	2.1	3	4	83	2.60
E146675		6.42	0.033	1.4	0.86	33	<10	160	0.7	4	0.13	1.3	3	4	525	2.19
E146676		4.90	0.035	4.1	0.82	63	<10	70	0.5	5	0.58	8.2	14	4	712	4.40
E146677		5.68	0.035	1.3	1.00	52	<10	200	1.0	5	1.44	16.8	23	3	214	4.19

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

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

Finalized Date: 25- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10166111

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J981291		<10	<1	0.40	20	0.14	284	2	0.03	2	550	49	0.65	9	5	28
J981292		<10	<1	0.30	20	0.21	672	1	0.03	2	580	20	0.87	6	5	34
J981293		<10	<1	0.35	20	0.34	892	3	0.02	3	690	89	1.56	10	5	43
J981294		<10	<1	0.42	20	0.50	838	1	0.03	2	590	118	1.62	3	5	48
J981295		<10	<1	0.22	20	0.33	1230	1	0.02	2	620	26	0.63	6	7	28
J981296		<10	<1	0.65	10	0.04	136	2	0.02	1	410	328	2.28	65	3	53
J981297		<10	<1	0.02	10	12.00	185	<1	0.01	2	200	<2	<0.01	<2	<1	46
J981298		<10	<1	0.41	20	0.58	896	2	0.03	3	680	46	2.01	10	5	48
J981299		<10	<1	0.37	20	0.52	489	2	0.05	2	630	29	1.46	15	5	46
E146651		<10	<1	0.26	20	0.66	660	7	0.08	3	630	18	0.70	<2	6	62
E146652		<10	<1	0.36	20	0.20	767	1	0.01	3	630	80	3.04	18	5	13
E146653		<10	1	0.08	<10	0.19	1530	1	0.01	12	140	>10000	>10.0	562	1	20
E146654		<10	<1	0.29	20	0.18	851	1	0.02	2	640	50	0.89	3	5	14
E146655		<10	<1	0.50	10	0.14	518	1	0.02	2	710	31	1.58	4	2	9
E146656		<10	<1	0.26	20	0.65	566	3	0.07	2	650	23	0.65	<2	6	54
E146657		<10	<1	0.33	30	0.60	721	7	0.05	2	650	30	1.31	7	5	58
E146658		<10	2	0.15	10	0.10	1980	9	0.02	24	380	>10000	>10.0	170	1	111
E146659		<10	<1	0.48	20	0.50	740	18	0.02	3	550	107	4.01	28	3	32
E146660		<10	1	0.31	30	0.34	896	2	0.01	4	660	83	1.07	32	5	24
E146661		<10	<1	0.39	20	0.48	1215	2	0.02	3	630	87	1.07	15	6	43
E146662		<10	<1	0.34	20	0.62	1170	1	0.04	4	600	92	1.32	12	5	50
E146663		<10	<1	0.32	30	0.58	632	1	0.06	2	600	28	0.77	<2	5	59
E146664		<10	<1	0.46	10	0.61	2230	1	0.02	4	570	113	3.65	20	4	37
E146665		<10	<1	0.03	10	12.10	198	<1	0.02	4	260	<2	<0.01	<2	<1	53
E146666		<10	<1	0.27	30	0.54	481	1	0.05	3	620	13	0.79	2	5	69
E146667		<10	<1	0.34	30	0.72	726	1	0.03	4	620	18	0.77	3	5	66
E146668		10	<1	0.22	20	0.75	466	1	0.09	3	620	30	0.28	<2	6	66
E146669		<10	<1	0.26	20	0.74	483	1	0.09	3	590	21	0.53	<2	6	67
E146670		<10	<1	0.23	20	0.70	481	1	0.08	3	590	24	0.70	<2	5	72
E146671		<10	1	0.35	30	0.41	702	2	0.02	3	540	79	1.41	26	4	46
E146672		<10	<1	0.49	10	0.18	608	7	0.01	1	530	35	1.52	4	2	9
E146673		<10	<1	0.46	10	0.14	708	10	0.01	1	390	26	1.68	4	1	8
E146674		<10	<1	0.50	10	0.10	557	7	0.01	1	480	30	1.01	<2	1	10
E146675		<10	<1	0.47	10	0.05	202	3	0.01	1	510	26	1.14	6	1	6
E146676		<10	<1	0.53	10	0.23	1185	5	0.02	2	570	40	2.62	8	2	14
E146677		<10	<1	0.43	30	0.45	2060	2	0.02	2	570	34	1.10	10	4	41

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Finalized Date: 25- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10166111

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
J981291		<20	0.01	<10	<10	30	<10	453			
J981292		<20	<0.01	<10	<10	35	<10	225			
J981293		<20	<0.01	<10	<10	25	<10	362			
J981294		<20	<0.01	<10	<10	28	<10	313			
J981295		<20	<0.01	<10	<10	36	<10	297			
J981296		<20	<0.01	<10	<10	15	<10	123			
J981297		<20	<0.01	<10	<10	<1	<10	13			
J981298		<20	<0.01	<10	<10	25	<10	236			
J981299		<20	0.01	<10	<10	30	<10	164			
E146651		<20	0.03	<10	<10	45	<10	101			
E146652		<20	<0.01	<10	10	25	<10	293			
E146653		<20	<0.01	<10	<10	7	160	>10000	423	3.51	3.12
E146654		<20	<0.01	<10	<10	22	<10	406			
E146655		<20	<0.01	<10	10	8	<10	160			
E146656		<20	0.02	<10	<10	42	<10	162			
E146657		<20	0.01	<10	<10	33	<10	172			
E146658		<20	<0.01	<10	<10	5	20	>10000	685	2.74	1.890
E146659		<20	<0.01	<10	<10	17	<10	279			
E146660		<20	<0.01	<10	<10	30	<10	316			
E146661		<20	<0.01	<10	<10	26	<10	513			
E146662		<20	0.01	<10	<10	31	<10	238			
E146663		<20	0.01	<10	<10	32	<10	110			
E146664		<20	<0.01	<10	<10	14	<10	461			
E146665		<20	<0.01	<10	<10	1	<10	18			
E146666		<20	<0.01	<10	<10	29	<10	69			
E146667		<20	<0.01	<10	<10	28	<10	124			
E146668		<20	0.02	<10	<10	43	<10	84			
E146669		<20	0.01	<10	<10	39	<10	98			
E146670		<20	0.01	<10	<10	37	<10	105			
E146671		<20	<0.01	<10	<10	20	<10	302			
E146672		<20	<0.01	<10	<10	10	<10	194			
E146673		<20	<0.01	<10	<10	7	<10	209			
E146674		<20	<0.01	<10	<10	7	<10	221			
E146675		<20	<0.01	<10	<10	7	<10	215			
E146676		<20	<0.01	<10	<10	12	<10	714			
E146677		<20	<0.01	<10	<10	22	10	1460			

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- NOV- 2010
Account: ROCKHA

CERTIFICATE WH10168627

Project: KLAZA

P.O. No.: BATCH 15

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17- NOV- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
LOG- 21	Sample logging - ClientBarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Finalized Date: 30- NOV- 2010
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CERTIFICATE OF ANALYSIS WH10168627

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J981255		2.84	0.119	2.6	0.38	199	<10	70	<0.5	6	1.20	3.0	8	5	250	4.70
J981256		2.78	0.014	0.7	0.42	59	<10	250	0.6	<2	1.38	4.6	6	6	26	3.39
J981257		6.02	0.010	1.1	0.41	46	<10	710	0.5	3	1.99	0.9	8	4	29	2.09
J981258		3.76	0.083	2.8	0.35	203	<10	30	<0.5	5	0.65	9.8	8	4	43	4.05
J981259		3.13	0.517	10.2	0.35	414	<10	<10	<0.5	23	0.50	22.2	9	7	139	9.36
J981260		2.18	<0.005	0.2	0.03	3	<10	10	<0.5	<2	19.5	<0.5	1	1	1	0.39
J981261		3.44	0.402	3.1	0.42	258	<10	80	<0.5	5	1.09	14.5	9	9	60	4.53
J981262		3.87	0.033	2.1	0.44	188	<10	90	0.5	4	2.23	13.9	10	8	16	4.00
J981263		8.31	0.007	1.2	0.46	28	<10	350	0.5	2	1.46	5.0	6	6	25	2.98
J981264		9.57	0.006	0.6	0.46	31	<10	820	0.5	<2	2.08	<0.5	9	4	45	2.35
J981265		8.39	0.006	<0.2	0.53	26	<10	830	0.5	2	1.04	<0.5	7	5	6	2.66
J981266		0.07	3.09	>100	0.18	>10000	<10	<10	<0.5	5	0.43	335	2	8	1575	14.3
J981267		5.44	<0.005	0.6	0.34	155	<10	300	<0.5	2	14.3	0.5	4	2	6	1.81
J981268		3.40	0.009	0.5	0.42	75	<10	320	0.7	<2	5.44	3.9	9	4	6	3.50
J981269		2.84	0.474	8.2	0.35	416	<10	20	<0.5	7	0.15	32.7	10	5	444	5.75
J981270		4.02	0.025	1.3	0.68	104	<10	260	1.0	<2	1.07	12.6	11	5	113	3.83
J981271		4.00	<0.005	<0.2	0.04	5	<10	10	<0.5	2	19.8	<0.5	2	1	1	0.39
J981272		8.73	0.064	2.3	0.59	157	<10	90	<0.5	4	0.87	7.3	7	9	51	4.86
J981273		9.52	0.049	1.2	0.86	62	<10	140	0.7	4	1.99	1.9	8	7	35	3.78
J981274		9.83	0.008	0.2	0.94	13	<10	180	0.5	<2	1.94	2.1	7	10	14	2.75
J981275		10.18	<0.005	<0.2	1.17	7	<10	150	<0.5	<2	1.54	<0.5	5	9	2	2.63
J981276		2.29	0.090	4.1	0.60	184	<10	20	0.6	6	1.27	3.5	7	6	135	5.15
J981277		0.12	0.501	>100	0.27	9340	<10	<10	<0.5	2	2.09	283	14	12	1030	12.15
J981278		7.84	0.010	2.1	1.03	47	<10	310	0.5	5	2.31	1.7	6	9	57	2.80
J981279		9.51	<0.005	0.3	1.20	10	<10	170	<0.5	<2	1.71	<0.5	6	9	6	2.63
J981280		9.02	<0.005	<0.2	1.07	6	<10	110	<0.5	2	1.43	<0.5	6	8	7	2.57
J981281		2.98	0.045	1.1	0.99	48	<10	100	0.7	5	1.48	0.7	7	6	62	3.76
J981282		5.54	<0.005	0.2	1.05	5	<10	160	0.5	<2	1.27	<0.5	6	9	4	2.63
J981283		2.90	<0.005	<0.2	1.06	5	<10	120	0.5	<2	1.31	<0.5	6	9	3	2.67
J981284		8.60	<0.005	0.3	0.77	6	<10	230	0.6	<2	1.58	<0.5	5	6	4	2.78
J981285		8.98	0.064	0.6	0.45	51	<10	310	0.7	<2	1.87	<0.5	9	4	20	2.84
J981286		8.85	<0.005	<0.2	0.43	6	<10	410	0.9	<2	0.46	<0.5	<1	1	<1	0.43
J981287		9.10	0.030	1.1	0.52	21	<10	420	0.8	<2	1.67	0.5	6	4	24	2.53
J981288		5.13	0.028	0.2	1.05	5	<10	730	<0.5	<2	0.66	0.6	6	9	43	2.68
J981289		5.09	0.038	1.0	0.61	122	<10	560	<0.5	3	0.12	0.7	6	5	125	4.24
J981290		8.09	0.071	2.1	0.58	94	<10	410	0.5	4	0.24	1.4	6	5	209	4.17

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 30- NOV- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10168627

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J981255		<10	1	0.33	10	0.44	898	<1	0.01	1	490	170	3.46	18	3	19
J981256		<10	1	0.28	20	0.56	1315	<1	0.01	<1	540	161	0.86	4	6	25
J981257		<10	<1	0.36	20	0.61	1395	3	0.02	1	520	30	0.44	8	2	29
J981258		<10	<1	0.33	10	0.24	813	3	0.01	1	500	196	2.88	9	1	15
J981259		<10	<1	0.33	<10	0.17	447	3	0.01	<1	420	502	>10.0	11	1	7
J981260		<10	2	0.02	10	12.10	182	<1	0.01	1	210	<2	<0.01	<2	<1	44
J981261		<10	1	0.40	10	0.35	1410	8	0.01	1	530	481	2.64	14	2	18
J981262		<10	<1	0.37	10	0.66	1815	7	0.01	1	520	529	1.50	9	3	36
J981263		<10	1	0.29	20	0.61	1355	1	0.01	1	530	187	0.40	5	5	31
J981264		<10	<1	0.22	10	0.69	829	1	0.02	1	520	10	0.38	9	5	67
J981265		<10	<1	0.15	20	0.30	625	<1	0.02	<1	570	4	0.27	2	8	36
J981266		<10	2	0.08	<10	0.18	1515	<1	0.01	10	140	>10000	>10.0	557	1	19
J981267		<10	1	0.14	20	0.28	2780	<1	0.01	1	320	26	0.14	2	6	222
J981268		<10	<1	0.24	20	0.59	1425	1	0.01	2	450	156	0.34	3	7	94
J981269		<10	1	0.27	10	0.06	178	3	0.01	<1	320	508	4.87	74	1	45
J981270		<10	1	0.28	20	0.38	1585	<1	0.01	2	590	205	0.81	3	7	35
J981271		<10	1	0.03	10	12.35	194	<1	0.01	1	290	<2	<0.01	<2	<1	45
J981272		<10	<1	0.26	10	0.38	959	<1	0.02	<1	530	268	2.57	8	4	27
J981273		<10	1	0.24	20	0.61	796	<1	0.02	<1	560	99	1.62	2	5	82
J981274		<10	1	0.16	20	0.76	614	<1	0.04	<1	590	23	0.22	<2	6	79
J981275		<10	<1	0.14	20	0.72	457	<1	0.06	1	590	7	0.10	<2	6	58
J981276		<10	<1	0.30	10	0.56	1130	<1	0.02	1	590	251	2.84	19	4	35
J981277		<10	2	0.15	10	0.10	1945	8	0.02	21	400	>10000	>10.0	172	1	112
J981278		<10	1	0.26	20	0.64	810	<1	0.04	<1	580	88	0.41	2	5	77
J981279		<10	1	0.15	20	0.74	509	<1	0.05	1	590	9	0.08	<2	5	60
J981280		<10	<1	0.11	20	0.64	416	<1	0.06	<1	590	7	0.04	2	6	51
J981281		<10	<1	0.16	20	0.50	627	<1	0.02	1	600	38	1.13	4	6	54
J981282		<10	<1	0.12	20	0.63	395	1	0.06	3	600	7	0.03	<2	6	49
J981283		<10	<1	0.13	20	0.63	409	1	0.06	2	630	8	0.03	<2	6	49
J981284		<10	<1	0.14	30	0.40	615	1	0.01	1	650	9	0.05	3	9	53
J981285		<10	<1	0.23	20	0.59	1030	2	0.01	3	560	57	0.75	4	7	78
J981286		<10	<1	0.20	<10	0.14	305	1	0.01	<1	20	41	0.07	<2	1	31
J981287		<10	<1	0.21	20	0.51	910	3	0.02	1	580	35	0.21	3	8	83
J981288		<10	<1	0.17	20	0.65	476	4	0.07	2	630	14	0.22	<2	5	50
J981289		<10	<1	0.34	20	0.16	401	3	0.03	2	550	22	0.39	5	4	44
J981290		<10	<1	0.31	20	0.15	429	3	0.04	2	590	36	0.52	6	4	35

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VANCOUVER BC V6B 1L8

Finalized Date: 30- NOV- 2010
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Project: KLAZA

CERTIFICATE OF ANALYSIS WH10168627

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
J981255		<20	<0.01	<10	<10	15	<10	267			
J981256		<20	<0.01	<10	<10	23	<10	457			
J981257		<20	<0.01	<10	<10	10	<10	177			
J981258		<20	<0.01	<10	<10	6	<10	818			
J981259		<20	<0.01	<10	<10	5	<10	1545			
J981260		<20	<0.01	<10	<10	<1	<10	17			
J981261		<20	<0.01	<10	<10	8	<10	1120			
J981262		<20	<0.01	<10	<10	16	<10	1045			
J981263		<20	<0.01	<10	<10	21	<10	490			
J981264		<20	<0.01	<10	<10	23	<10	74			
J981265		<20	<0.01	<10	<10	35	<10	114			
J981266		<20	<0.01	<10	<10	7	160	>10000	440	3.56	3.16
J981267		<20	<0.01	<10	<10	19	<10	172			
J981268		<20	<0.01	<10	<10	22	<10	528			
J981269		<20	<0.01	<10	<10	7	<10	1985			
J981270		<20	<0.01	<10	<10	22	<10	1840			
J981271		<20	<0.01	<10	<10	<1	<10	16			
J981272		<20	0.01	<10	<10	22	<10	425			
J981273		20	<0.01	<10	<10	27	<10	188			
J981274		<20	0.01	<10	<10	40	<10	182			
J981275		<20	0.03	<10	<10	45	<10	41			
J981276		<20	<0.01	<10	<10	25	<10	332			
J981277		<20	<0.01	<10	<10	6	40	>10000	707	2.81	1.920
J981278		<20	0.01	<10	<10	34	<10	195			
J981279		<20	0.02	<10	<10	43	<10	51			
J981280		<20	0.03	<10	<10	46	<10	35			
J981281		<20	<0.01	<10	<10	32	<10	102			
J981282		<20	0.04	<10	<10	45	<10	46			
J981283		<20	0.04	<10	<10	46	<10	33			
J981284		20	<0.01	<10	<10	35	<10	44			
J981285		<20	<0.01	<10	<10	20	<10	68			
J981286		20	<0.01	<10	<10	1	<10	13			
J981287		<20	<0.01	<10	<10	21	<10	70			
J981288		<20	0.02	<10	<10	46	<10	81			
J981289		<20	0.01	<10	<10	26	<10	250			
J981290		<20	0.01	<10	<10	23	<10	207			

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10168628

Project: KLAZA

P.O. No.: BATCH 17

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 18- NOV- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH10168628

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E146678		7.03	0.036	1.0	1.27	25	<10	240	0.6	<2	1.67	0.9	12	6	197	2.90
E146679		4.00	0.042	0.8	0.87	19	<10	80	0.6	3	1.43	12.2	29	3	174	3.36
E146680		7.09	0.035	1.8	0.83	27	<10	110	0.7	3	0.82	13.5	20	3	271	3.91
E146681		3.87	0.038	2.4	0.69	28	<10	10	<0.5	2	0.51	3.4	24	3	145	7.25
E146682		9.43	0.025	1.1	1.39	20	<10	140	0.7	2	1.55	1.8	18	5	228	3.65
E146683		6.66	0.096	1.1	0.86	38	<10	80	0.5	<2	2.63	2.0	12	4	373	3.05
E146684		9.29	0.116	1.7	0.82	136	<10	110	0.6	3	1.91	1.3	8	4	832	2.83
E146685		2.62	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	19.8	<0.5	1	<1	6	0.39
E146686		6.36	0.064	1.5	1.01	21	<10	310	0.6	<2	1.54	1.0	7	6	612	2.63
E146687		5.28	0.054	1.1	1.01	28	<10	250	0.5	2	1.55	1.0	11	7	644	3.04
E146688		3.01	0.034	1.1	0.73	32	<10	60	<0.5	2	1.02	6.6	10	5	239	3.22
E146689		10.92	0.024	1.0	1.33	17	<10	90	0.6	2	1.87	1.4	11	5	160	3.51
E146690		0.11	0.449	>100	0.27	9540	<10	10	<0.5	<2	2.05	279	15	11	1040	11.90
E146691		8.03	0.038	1.2	1.13	49	<10	220	0.7	3	1.76	<0.5	7	5	134	2.24
E146692		9.91	0.043	1.1	0.83	33	<10	160	0.5	5	1.98	1.3	6	6	243	2.99
E146693		9.40	0.054	0.9	0.90	24	<10	160	0.5	<2	1.83	0.7	3	6	252	2.81
E146694		5.92	0.040	0.3	1.17	8	<10	210	0.6	2	1.08	<0.5	5	6	76	3.05
E146695		2.95	0.051	1.1	0.56	56	<10	80	0.6	4	1.57	5.5	12	3	104	3.95
E146696		2.94	0.254	4.0	0.60	190	<10	70	0.6	6	1.04	8.2	7	3	292	4.75
E146697		7.09	0.020	0.4	0.77	30	<10	70	0.7	2	1.65	0.5	6	4	60	3.47
E146698		3.19	0.633	6.4	0.50	402	<10	20	<0.5	7	2.27	14.8	5	2	338	6.01
E146699		0.06	3.47	>100	0.17	>10000	<10	10	<0.5	2	0.41	330	2	8	1565	13.9
E146700		6.40	0.024	1.1	0.76	41	<10	160	0.7	<2	2.58	2.2	7	4	121	3.50
E146701		10.25	0.030	1.2	0.99	53	<10	90	0.6	<2	2.39	0.6	6	5	50	3.57
E146702		7.17	0.219	3.8	0.52	172	<10	20	<0.5	5	2.51	10.2	5	2	111	5.20
E146703		5.20	0.421	3.4	0.50	151	<10	30	<0.5	7	0.92	1.1	15	3	115	5.81
E146704		4.58	<0.005	0.2	0.06	3	<10	20	<0.5	<2	20.0	<0.5	1	2	2	0.46
E146705		9.82	0.075	4.5	0.49	148	<10	50	<0.5	6	0.71	1.1	15	3	435	5.51
E146706		9.85	0.098	2.4	0.63	61	<10	80	0.6	9	1.84	0.9	11	3	157	3.90
E146707		3.75	0.036	2.5	0.62	69	<10	180	0.8	2	2.67	1.8	7	3	168	3.38
E146708		3.42	0.229	4.8	0.54	162	<10	30	<0.5	6	0.95	1.5	23	3	238	6.26
E146709		3.56	0.138	3.1	0.58	78	<10	30	0.5	7	2.37	4.2	13	2	105	4.44
E146710		1.86	0.051	1.2	0.56	39	<10	80	0.7	<2	2.27	1.1	9	4	73	2.95
E146711		4.46	0.866	5.7	0.54	202	<10	40	0.6	6	2.18	21.2	9	3	482	4.38
E146712		9.48	0.111	2.2	0.59	70	<10	120	0.6	3	1.53	3.7	6	4	135	4.07
E146713		4.85	0.057	1.9	0.60	66	<10	160	0.6	<2	1.50	2.3	4	3	145	3.86

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CERTIFICATE OF ANALYSIS WH10168628

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E146678		<10	<1	0.28	20	0.74	558	2	0.03	2	590	43	1.07	3	4	67
E146679		<10	1	0.31	30	0.41	1570	1	0.02	3	670	32	1.59	10	4	31
E146680		<10	1	0.44	20	0.29	1500	3	0.01	1	580	32	2.04	4	2	27
E146681		<10	<1	0.41	10	0.18	330	10	0.02	1	500	36	8.1	<2	2	20
E146682		<10	<1	0.35	30	0.65	832	2	0.02	<1	610	25	1.63	4	4	52
E146683		<10	1	0.25	30	0.33	682	1	0.02	2	540	32	1.75	35	5	52
E146684		<10	1	0.26	30	0.53	522	5	0.01	1	540	34	1.41	54	5	62
E146685		<10	<1	0.02	10	12.40	185	<1	0.01	<1	230	2	<0.01	<2	<1	48
E146686		<10	<1	0.22	20	0.69	422	4	0.05	2	600	53	0.79	9	5	61
E146687		<10	<1	0.19	20	0.79	517	1	0.06	2	640	39	0.80	3	7	63
E146688		<10	1	0.24	30	0.29	420	1	0.02	2	630	237	2.32	13	5	37
E146689		<10	<1	0.23	30	0.69	489	3	0.03	1	590	51	2.14	5	4	65
E146690		<10	2	0.15	<10	0.09	1955	9	0.02	24	400	>10000	>10.0	177	1	114
E146691		<10	<1	0.17	30	0.52	354	2	0.02	2	560	24	0.82	4	4	59
E146692		<10	<1	0.25	30	0.63	574	2	0.04	1	590	66	1.31	3	6	69
E146693		<10	<1	0.21	30	0.63	437	2	0.05	7	580	43	1.53	4	5	67
E146694		<10	<1	0.19	20	0.52	515	2	0.03	2	620	18	1.05	4	6	30
E146695		<10	<1	0.31	20	0.51	1490	1	0.01	3	570	90	2.29	5	3	45
E146696		<10	1	0.28	20	0.32	1160	1	0.01	1	530	73	3.78	6	4	26
E146697		<10	<1	0.32	20	0.55	650	2	0.02	2	590	24	1.73	5	4	62
E146698		<10	<1	0.35	10	0.74	6880	2	0.01	2	420	243	6.4	24	1	44
E146699		<10	2	0.07	<10	0.18	1500	1	0.01	12	130	>10000	>10.0	566	1	18
E146700		<10	<1	0.32	20	0.69	703	2	0.01	3	570	70	1.76	10	5	85
E146701		<10	1	0.25	20	0.58	572	2	0.01	1	590	41	2.05	5	4	64
E146702		<10	<1	0.34	10	0.92	2330	1	0.01	2	520	527	5.08	14	2	50
E146703		<10	<1	0.36	10	0.46	969	1	0.01	2	540	236	5.16	6	2	34
E146704		<10	<1	0.04	10	12.60	199	<1	0.01	1	230	<2	<0.01	<2	<1	47
E146705		<10	<1	0.35	10	0.40	512	2	0.01	3	550	53	4.79	11	2	32
E146706		<10	<1	0.32	20	0.54	569	1	0.01	2	600	43	2.69	11	5	55
E146707		<10	<1	0.32	20	0.93	744	2	0.01	2	530	48	1.49	19	5	84
E146708		<10	<1	0.37	10	0.39	712	2	0.01	3	520	130	6.2	35	2	21
E146709		<10	1	0.38	20	0.81	1010	3	0.02	1	610	130	4.11	15	3	49
E146710		<10	<1	0.33	20	0.77	877	2	0.01	3	560	57	1.85	8	4	64
E146711		<10	1	0.32	20	0.69	2230	17	0.01	2	440	208	3.28	99	3	46
E146712		<10	<1	0.31	20	0.64	897	1	0.01	2	520	75	1.88	22	5	46
E146713		<10	<1	0.31	20	0.64	948	2	0.01	2	530	54	1.46	21	5	47

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

Finalized Date: 2- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10168628

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
E146678		<20	0.01	<10	<10	32	<10	149			
E146679		<20	<0.01	<10	<10	22	10	913			
E146680		<20	<0.01	<10	<10	14	10	899			
E146681		<20	<0.01	<10	<10	7	<10	254			
E146682		<20	<0.01	<10	<10	27	<10	215			
E146683		<20	<0.01	<10	<10	25	<10	180			
E146684		20	<0.01	<10	<10	25	<10	188			
E146685		<20	<0.01	<10	<10	1	<10	13			
E146686		<20	0.01	<10	<10	33	<10	126			
E146687		<20	0.01	<10	<10	45	<10	119			
E146688		<20	<0.01	<10	<10	27	<10	500			
E146689		<20	<0.01	<10	<10	28	<10	142			
E146690		<20	<0.01	<10	10	6	30	>10000	718	2.79	1.920
E146691		<20	<0.01	<10	<10	23	<10	146			
E146692		<20	<0.01	<10	<10	28	<10	136			
E146693		<20	<0.01	<10	<10	26	<10	89			
E146694		<20	<0.01	<10	<10	30	<10	98			
E146695		<20	<0.01	<10	10	17	<10	615			
E146696		<20	<0.01	<10	<10	18	<10	724			
E146697		<20	<0.01	<10	<10	24	<10	112			
E146698		<20	<0.01	<10	10	7	<10	1350			
E146699		<20	<0.01	<10	<10	6	140	>10000	431	3.51	3.05
E146700		<20	<0.01	<10	<10	20	<10	206			
E146701		<20	<0.01	<10	<10	24	<10	94			
E146702		<20	<0.01	<10	<10	11	<10	922			
E146703		<20	<0.01	<10	<10	11	<10	118			
E146704		<20	<0.01	<10	<10	2	<10	15			
E146705		<20	<0.01	<10	<10	9	<10	123			
E146706		<20	0.01	<10	<10	19	<10	112			
E146707		<20	<0.01	<10	10	23	<10	193			
E146708		<20	<0.01	<10	<10	10	<10	156			
E146709		<20	<0.01	<10	10	15	<10	427			
E146710		<20	<0.01	<10	<10	18	<10	135			
E146711		<20	<0.01	<10	10	14	<10	1900			
E146712		<20	<0.01	<10	<10	23	<10	363			
E146713		<20	<0.01	<10	<10	24	<10	229			

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10175852

Project: KLAZA

P.O. No.: BATCH 12

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- NOV- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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Finalized Date: 2- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10175852

Sample Description	Method	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E147464		<0.005	<0.2	0.94	7	<10	180	<0.5	<2	1.68	<0.5	7	12	12	2.70	10
E147465		0.036	8.9	0.80	111	<10	240	<0.5	<2	1.79	26.1	7	8	32	2.91	<10
E147466		<0.005	0.3	0.73	16	<10	210	0.5	<2	1.95	<0.5	5	8	7	2.65	<10
E147467		0.476	10.9	0.41	245	<10	170	0.7	2	2.89	24.4	8	4	76	3.08	<10
E147468		<0.005	0.3	0.95	8	<10	290	0.5	<2	1.59	<0.5	6	10	12	2.64	<10
E147469		<0.005	0.4	0.96	12	<10	140	<0.5	<2	1.46	0.5	7	12	9	2.66	<10
E147470		<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	19.8	<0.5	2	1	2	0.44	<10
E147471		<0.005	<0.2	0.76	16	<10	530	0.6	<2	1.83	<0.5	6	8	7	3.04	<10
E147472		<0.005	0.3	0.67	17	<10	340	0.6	<2	1.66	<0.5	7	7	9	2.77	<10
E147473		0.014	1.3	0.56	35	<10	1140	0.8	<2	2.42	4.4	7	5	19	2.58	<10
E147474		<0.005	<0.2	0.54	5	<10	860	1.0	<2	3.32	<0.5	7	4	2	2.15	<10
E147475		<0.005	<0.2	0.58	8	<10	1030	1.0	<2	3.16	<0.5	6	4	3	2.19	<10
E147476		0.488	>100	0.26	9190	<10	<10	<0.5	<2	2.02	265	14	12	1030	11.75	<10
E147477		0.010	0.6	0.72	30	<10	1200	1.0	<2	2.11	1.4	6	5	5	2.26	<10
E147478		0.008	0.7	0.67	45	<10	410	0.6	<2	2.49	0.6	7	5	10	2.84	<10
E147479		0.278	12.0	0.33	186	<10	40	<0.5	8	2.57	17.7	7	2	124	3.77	<10
E147480		0.036	4.0	0.41	59	<10	270	0.5	5	3.12	1.5	5	3	7	2.22	<10
E147481		0.166	4.5	0.43	138	<10	170	0.7	4	2.30	15.6	5	3	38	2.81	<10
E147482		<0.005	<0.2	0.04	<2	<10	10	<0.5	2	19.9	<0.5	1	1	1	0.39	<10
E147483		0.006	0.6	0.52	31	<10	370	0.8	2	2.75	0.7	6	3	7	2.27	<10
E147484		0.024	0.9	0.51	43	<10	560	0.9	<2	2.66	0.8	6	3	8	2.36	<10
E147485		0.011	0.6	0.59	9	<10	560	0.5	2	2.10	2.2	6	6	7	2.63	<10
E147486		<0.005	0.2	0.65	16	<10	690	0.5	2	2.01	0.7	5	6	7	2.55	<10
E147487		NSS	>100	0.16	>10000	<10	10	<0.5	2	0.41	323	2	8	1505	13.25	<10
E147488		0.038	0.7	0.69	22	<10	430	0.5	<2	1.67	2.3	6	6	12	2.58	<10
E147489		0.081	1.3	0.68	67	<10	540	0.8	3	2.34	2.5	6	4	19	2.45	<10
E147490		0.029	1.4	0.64	52	<10	380	0.8	2	2.50	<0.5	6	4	27	2.42	<10
E147491		0.056	1.8	1.20	32	<10	650	0.9	<2	2.72	2.9	5	4	16	2.61	<10
E147492		0.659	11.4	0.59	817	<10	140	0.7	3	2.63	28.9	7	4	92	2.95	<10
E147493		0.010	0.5	0.58	41	<10	740	0.6	<2	2.37	<0.5	6	5	13	2.63	<10
E147494		0.087	4.3	0.53	70	<10	500	0.6	4	2.42	2.5	9	5	20	2.83	<10
E147495		0.762	92.9	0.48	385	<10	180	0.8	2	2.90	55.5	4	6	179	2.45	<10
E147496		0.138	3.3	0.56	315	<10	260	1.0	2	2.88	2.7	5	8	18	2.37	<10
E147497		1.820	54.2	0.43	2850	<10	120	0.9	3	2.23	76.3	6	9	238	2.70	<10
E147498		0.094	1.8	0.54	68	<10	340	1.0	2	3.04	3.4	5	7	9	2.07	<10
E147499		1.125	27.5	0.59	230	<10	90	1.0	3	2.73	20.6	5	11	136	2.25	<10

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

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10175852

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
E147464		<1	0.16	20	0.73	540	1	0.06	<1	540	8	0.06	<2	6	65	<20
E147465		<1	0.25	20	0.63	818	1	0.05	<1	510	375	0.51	<2	5	82	<20
E147466		<1	0.25	20	0.63	745	1	0.03	<1	550	12	0.17	<2	6	82	<20
E147467		<1	0.27	10	0.91	1420	2	0.01	<1	530	1280	1.28	2	4	134	<20
E147468		<1	0.20	20	0.59	542	2	0.05	1	550	17	0.04	<2	6	68	<20
E147469		<1	0.16	20	0.66	497	1	0.06	1	580	57	0.08	<2	7	58	<20
E147470		<1	0.02	<10	12.05	193	<1	<0.01	<1	180	2	<0.01	<2	<1	47	<20
E147471		<1	0.16	20	0.60	629	1	0.02	1	570	11	0.13	<2	8	69	<20
E147472		<1	0.18	20	0.62	627	1	0.01	<1	570	9	0.06	<2	8	84	<20
E147473		<1	0.25	20	0.86	763	2	0.01	<1	530	295	0.27	<2	6	137	<20
E147474		<1	0.28	10	0.98	569	<1	0.01	1	630	13	0.03	<2	4	327	<20
E147475		<1	0.32	10	0.92	528	<1	0.01	1	720	15	0.04	<2	4	290	<20
E147476		2	0.15	<10	0.09	1870	10	<0.01	23	360	>10000	>10.0	184	1	108	<20
E147477		<1	0.32	10	0.72	617	1	0.02	3	690	78	0.21	<2	4	156	<20
E147478		<1	0.25	20	0.81	884	2	0.03	<1	540	35	0.28	<2	7	126	<20
E147479		<1	0.29	10	0.65	2000	2	<0.01	<1	520	1390	2.94	5	3	81	<20
E147480		<1	0.30	20	0.91	1925	3	<0.01	3	510	96	0.95	<2	3	100	<20
E147481		<1	0.30	20	0.76	1345	2	<0.01	2	550	385	1.34	2	3	106	<20
E147482		<1	0.02	<10	12.05	183	<1	<0.01	<1	230	3	<0.01	<2	<1	46	<20
E147483		<1	0.30	10	0.89	630	<1	<0.01	3	550	23	0.32	<2	3	185	<20
E147484		1	0.29	10	0.90	603	1	<0.01	2	480	55	0.25	<2	4	176	<20
E147485		1	0.19	20	0.84	594	<1	0.03	1	540	60	0.21	<2	6	129	<20
E147486		<1	0.20	20	0.78	599	<1	0.05	1	560	18	0.07	<2	7	133	<20
E147487		1	0.07	<10	0.17	1450	<1	<0.01	11	130	>10000	>10.0	516	1	18	<20
E147488		<1	0.17	20	0.68	591	1	0.05	9	600	93	0.13	107	7	112	<20
E147489		1	0.29	20	0.49	994	1	0.01	<1	560	130	0.51	<2	5	164	<20
E147490		1	0.29	20	0.49	1220	<1	0.01	<1	570	28	0.22	<2	5	162	<20
E147491		1	0.25	20	0.66	419	2	0.01	1	760	121	0.23	<2	5	346	<20
E147492		<1	0.30	20	0.67	898	2	0.01	3	560	1065	1.03	8	6	176	<20
E147493		<1	0.27	20	0.64	717	1	0.03	<1	560	24	0.10	<2	7	163	<20
E147494		<1	0.24	20	0.69	847	1	0.02	1	560	209	0.58	<2	6	167	<20
E147495		1	0.22	10	0.68	741	1	0.01	8	380	>10000	1.17	58	4	218	<20
E147496		1	0.29	10	0.85	1165	<1	<0.01	8	410	213	0.89	3	4	204	<20
E147497		1	0.22	10	0.56	810	3	<0.01	16	350	6980	1.79	44	4	190	<20
E147498		1	0.29	10	0.77	589	1	<0.01	7	630	235	0.34	<2	5	291	<20
E147499		1	0.28	10	0.88	514	1	<0.01	13	470	2740	0.58	24	5	164	<20

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

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North Vancouver BC V7H 0A7
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 2- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10175852

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.01	10	10	1	10	2	1	0.001	0.001
E147464		0.03	<10	<10	45	<10	34			
E147465		0.02	<10	<10	36	<10	1420			
E147466		0.01	<10	<10	36	<10	52			
E147467		<0.01	<10	<10	20	<10	1650			
E147468		0.05	<10	<10	45	<10	49			
E147469		0.03	<10	<10	49	<10	52			
E147470		<0.01	<10	<10	<1	<10	14			
E147471		0.01	<10	<10	40	<10	44			
E147472		0.01	<10	<10	36	<10	41			
E147473		<0.01	<10	<10	27	<10	464			
E147474		<0.01	<10	<10	32	<10	127			
E147475		0.01	<10	<10	28	<10	51			
E147476		<0.01	<10	<10	5	40	>10000	705	2.67	1.805
E147477		<0.01	<10	<10	24	<10	124			
E147478		<0.01	<10	<10	33	<10	69			
E147479		<0.01	<10	<10	10	<10	1455			
E147480		<0.01	<10	<10	8	<10	124			
E147481		<0.01	<10	<10	14	<10	1015			
E147482		<0.01	<10	<10	<1	<10	18			
E147483		<0.01	<10	<10	27	<10	84			
E147484		<0.01	<10	<10	29	<10	90			
E147485		0.01	<10	<10	33	<10	146			
E147486		0.01	<10	<10	36	<10	64			
E147487		<0.01	<10	<10	6	140	>10000	411	3.49	3.04
E147488		0.01	<10	<10	34	<10	162			
E147489		<0.01	<10	<10	17	<10	173			
E147490		<0.01	<10	<10	18	<10	55			
E147491		<0.01	<10	<10	24	<10	262			
E147492		<0.01	<10	<10	16	<10	1855			
E147493		0.01	<10	<10	26	<10	56			
E147494		0.01	<10	<10	27	<10	201			
E147495		<0.01	<10	<10	19	<10	4990			1.480
E147496		<0.01	<10	<10	20	<10	251			
E147497		<0.01	<10	<10	17	<10	4640			
E147498		<0.01	<10	<10	23	<10	272			
E147499		<0.01	<10	<10	24	<10	1265			

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VANCOUVER BC V6B 1L8

Project: KLAZA

Finalized Date: 2- DEC- 2010
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH10175852

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10175853

Project: KLAZA

P.O. No.: Batch 14

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- NOV- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10175853

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
J981219		0.2	0.71	7	<10	220	<0.5	3	1.81	2.1	4	6	6	2.22	<10	<1
J981220		0.5	0.63	25	<10	340	<0.5	3	1.87	2.3	11	6	14	2.02	<10	<1
J981221		0.8	0.40	49	<10	390	<0.5	2	2.10	17.5	6	4	41	2.04	<10	1
J981222		6.1	0.44	493	<10	810	<0.5	6	0.34	4.2	1	4	164	2.24	<10	1
J981223		1.9	0.34	147	<10	260	<0.5	4	0.62	43.8	11	5	334	3.22	<10	1
J981224		1.1	0.65	64	<10	540	<0.5	2	0.75	17.5	9	5	143	2.64	<10	1
J981225		0.5	0.34	14	<10	670	<0.5	2	0.18	3.4	8	4	19	2.00	<10	1
J981226		0.6	0.54	2	<10	400	<0.5	<2	0.24	4.3	4	6	9	1.65	<10	1
J981227		>100	0.24	9020	<10	10	<0.5	<2	1.99	269	13	11	990	11.45	<10	2
J981228		1.0	0.47	73	<10	760	<0.5	3	0.89	24.2	7	5	198	2.13	<10	1
J981229		0.5	0.45	75	<10	480	0.5	3	1.16	39.0	12	5	166	3.16	<10	1
J981230		0.9	0.82	59	<10	420	0.6	3	0.38	14.4	7	5	83	3.10	<10	<1
J981231		0.6	0.77	22	<10	610	0.5	2	1.56	6.3	8	7	39	2.56	<10	1
J981232		<0.2	0.04	<2	<10	20	<0.5	3	20.0	<0.5	1	1	1	0.41	<10	<1
J981233		0.3	0.90	47	<10	180	0.6	2	1.34	21.1	9	5	18	2.84	<10	1
J981234		25.9	0.65	329	<10	20	0.5	9	1.30	30.7	16	3	35	6.89	<10	1
J981235		0.7	0.67	24	<10	440	0.5	2	1.32	6.0	8	5	37	2.82	<10	<1
J981236		>100	0.17	>10000	<10	10	<0.5	2	0.41	329	1	9	1580	13.55	<10	1
J981237		0.4	0.63	25	<10	750	<0.5	3	1.20	4.2	7	7	48	2.71	<10	<1
J981238		0.3	1.24	15	<10	140	0.5	<2	1.12	<0.5	6	9	5	2.73	10	1
J981239		0.4	1.14	15	<10	230	0.6	<2	2.13	0.8	13	12	6	3.01	<10	<1
J981240		0.3	1.02	16	<10	640	0.6	2	1.26	1.4	8	7	13	2.91	<10	<1
J981241		0.6	0.81	12	<10	350	<0.5	3	1.72	0.5	6	6	37	2.82	<10	<1
J981242		1.5	0.77	51	<10	520	0.6	3	1.20	0.8	8	6	49	3.50	<10	<1
J981243		<0.2	0.03	4	<10	10	<0.5	<2	19.6	<0.5	1	1	1	0.42	<10	<1
J981244		5.6	0.66	381	<10	40	0.5	6	0.95	14.0	9	4	214	4.44	<10	1
J981245		0.5	0.47	82	<10	360	0.5	<2	1.52	0.6	6	5	34	2.75	<10	<1
J981246		0.3	0.92	22	<10	470	<0.5	<2	1.97	<0.5	5	7	38	2.64	<10	1
J981247		0.6	0.63	14	<10	260	<0.5	<2	1.37	<0.5	6	7	10	2.51	<10	1
J981248		2.5	0.64	153	<10	50	0.5	2	1.53	7.0	7	5	128	4.07	<10	<1
J981249		0.3	0.50	14	<10	530	0.5	2	0.77	0.5	6	5	6	2.62	<10	<1
J981250		0.2	0.86	13	<10	530	0.5	2	0.75	1.0	7	6	19	2.85	<10	<1
J981251		0.2	0.49	10	<10	800	0.5	<2	1.61	0.6	6	5	9	2.67	<10	<1
J981252		0.7	0.63	212	<10	250	0.8	<2	1.47	2.7	7	4	7	3.43	<10	<1
J981253		0.3	0.39	28	<10	1010	0.6	<2	1.07	<0.5	6	5	15	2.52	<10	1
J981254		0.9	0.74	87	<10	100	0.5	3	0.74	1.7	8	32	46	3.49	<10	1

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10175853

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
J981219		0.19	10	0.31	609	<1	0.02	1	560	10	0.12	<2	4	43	<20	0.01
J981220		0.33	10	0.25	617	43	0.01	1	460	22	0.61	<2	2	46	<20	<0.01
J981221		0.29	10	0.12	1080	14	<0.01	1	540	204	0.24	<2	2	46	<20	<0.01
J981222		0.35	10	0.07	195	2	<0.01	<1	310	1380	0.39	13	2	29	<20	<0.01
J981223		0.23	10	0.18	1435	7	<0.01	1	520	205	1.05	10	3	14	<20	<0.01
J981224		0.34	10	0.28	1150	3	<0.01	1	540	48	0.51	7	3	19	<20	<0.01
J981225		0.21	10	0.16	971	41	<0.01	<1	500	34	0.30	<2	3	11	<20	<0.01
J981226		0.33	<10	0.17	804	28	<0.01	1	390	22	0.12	<2	2	9	<20	<0.01
J981227		0.14	<10	0.09	1845	9	<0.01	23	370	>10000	>10.0	169	1	113	<20	<0.01
J981228		0.23	10	0.27	858	1	<0.01	<1	530	26	0.27	<2	4	22	<20	<0.01
J981229		0.23	10	0.42	1130	1	<0.01	1	530	27	0.55	<2	4	24	<20	<0.01
J981230		0.32	10	0.21	1225	1	<0.01	1	450	191	0.48	6	5	22	<20	<0.01
J981231		0.25	10	0.55	1185	3	0.01	1	560	49	0.26	7	4	42	<20	0.01
J981232		0.02	<10	12.30	200	<1	0.01	<1	240	2	<0.01	<2	<1	49	<20	<0.01
J981233		0.23	20	0.34	1005	<1	<0.01	1	580	15	0.44	2	5	37	<20	<0.01
J981234		0.45	10	0.51	1990	1	<0.01	1	480	576	5.8	<2	3	23	<20	<0.01
J981235		0.40	20	0.54	1555	1	0.02	4	580	103	0.59	<2	3	27	<20	<0.01
J981236		0.07	<10	0.17	1480	1	0.01	13	140	>10000	>10.0	541	1	18	<20	<0.01
J981237		0.22	20	0.54	1060	1	0.01	1	560	18	0.35	9	5	36	<20	0.01
J981238		0.16	20	0.56	507	1	0.07	1	590	13	0.05	<2	7	39	<20	0.04
J981239		0.15	30	0.62	707	<1	0.03	2	760	14	0.18	3	8	59	<20	0.01
J981240		0.32	30	0.54	1025	1	0.02	1	620	24	0.33	<2	5	28	<20	<0.01
J981241		0.18	20	0.67	776	1	0.04	1	570	14	0.21	3	6	69	<20	<0.01
J981242		0.34	20	0.59	1100	1	0.02	1	580	33	0.57	4	4	35	<20	<0.01
J981243		0.02	10	12.35	200	<1	0.02	1	280	2	<0.01	<2	<1	50	<20	<0.01
J981244		0.41	10	0.47	1865	3	0.01	2	550	638	2.41	14	2	21	<20	<0.01
J981245		0.25	20	0.56	1015	<1	0.01	1	550	10	0.72	<2	5	43	<20	<0.01
J981246		0.29	20	0.69	700	1	0.06	2	580	15	0.23	<2	5	78	<20	0.01
J981247		0.14	20	0.44	604	1	0.03	<1	610	9	0.32	<2	7	48	<20	0.01
J981248		0.43	10	0.53	1635	1	0.02	1	560	330	2.33	14	4	39	<20	<0.01
J981249		0.20	20	0.40	898	1	0.02	1	620	13	0.42	<2	6	20	<20	<0.01
J981250		0.26	20	0.38	902	1	0.02	<1	610	13	0.51	<2	6	23	<20	<0.01
J981251		0.26	20	0.60	1040	1	0.02	3	610	16	0.20	<2	6	37	<20	<0.01
J981252		0.40	20	0.59	1320	1	0.01	1	550	100	0.84	<2	6	28	<20	<0.01
J981253		0.22	20	0.41	1025	3	0.02	1	490	15	0.31	2	7	31	<20	<0.01
J981254		0.35	10	0.38	896	1	0.01	9	530	83	1.26	3	5	17	<20	0.01

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 1- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10175853

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	10	10	1	10	2	1	0.001	0.001
J981219		<10	<10	29	<10	622			
J981220		<10	<10	16	<10	347			
J981221		<10	<10	10	<10	932			
J981222		<10	<10	10	<10	412			
J981223		<10	<10	16	<10	1990			
J981224		<10	<10	20	<10	894			
J981225		<10	<10	16	<10	330			
J981226		<10	<10	15	<10	305			
J981227		<10	<10	4	30	>10000	682	2.52	1.830
J981228		<10	<10	16	<10	835			
J981229		<10	<10	19	<10	1425			
J981230		<10	<10	24	<10	825			
J981231		<10	<10	26	<10	524			
J981232		<10	<10	<1	<10	18			
J981233		<10	<10	24	<10	1500			
J981234		<10	<10	12	<10	2130			
J981235		<10	<10	19	<10	501			
J981236		<10	<10	7	150	>10000	431	3.35	3.02
J981237		<10	<10	29	<10	300			
J981238		<10	<10	49	<10	67			
J981239		<10	<10	46	<10	115			
J981240		<10	<10	31	<10	143			
J981241		<10	<10	36	<10	88			
J981242		<10	<10	30	<10	152			
J981243		<10	<10	1	<10	15			
J981244		<10	<10	15	<10	1045			
J981245		<10	<10	24	<10	108			
J981246		<10	<10	33	<10	69			
J981247		<10	<10	33	<10	69			
J981248		<10	<10	18	<10	587			
J981249		<10	<10	23	<10	99			
J981250		<10	<10	28	<10	130			
J981251		<10	<10	25	<10	102			
J981252		<10	<10	23	<10	286			
J981253		<10	<10	23	<10	84			
J981254		<10	<10	27	<10	179			

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VANCOUVER BC V6B 1L8

Finalized Date: 9- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10176524

Project: KLAZA

P.O. No.: BATCH 19

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- NOV- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH10176524

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E146749		10.42	0.010	0.2	0.83	16	<10	370	<0.5	<2	1.50	2.4	4	7	6	2.62
E146750		9.86	0.010	<0.2	0.90	22	<10	470	<0.5	<2	1.48	0.6	5	6	3	2.35
E146751		8.77	0.006	<0.2	0.82	10	<10	420	<0.5	<2	1.50	0.5	4	6	5	2.37
E146752		2.64	0.194	4.5	0.47	62	<10	290	0.6	<2	2.00	17.8	5	3	20	2.46
E146753		9.02	0.021	0.2	0.50	33	<10	240	0.6	<2	2.72	<0.5	6	2	2	2.04
E146754		2.61	0.199	2.1	0.43	56	<10	230	0.5	<2	4.04	31.3	4	2	25	2.70
E146755		8.73	0.009	<0.2	0.58	16	<10	1180	0.5	<2	2.61	<0.5	4	3	2	1.80
E146756		7.47	<0.005	<0.2	0.85	6	<10	430	0.5	<2	2.00	1.6	4	5	4	2.18
E146757		10.26	<0.005	<0.2	0.98	4	<10	330	<0.5	<2	1.37	<0.5	6	8	3	2.55
E146758		2.66	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	19.3	<0.5	2	<1	2	0.40
E146759		8.20	<0.005	<0.2	0.97	5	<10	190	<0.5	<2	1.35	<0.5	5	8	4	2.47
E146760		10.18	<0.005	<0.2	1.02	6	<10	200	<0.5	<2	1.28	<0.5	6	8	5	2.47
E146761		2.88	0.046	0.6	0.64	52	<10	310	0.7	<2	2.27	5.2	6	4	29	2.49
E146762		3.08	0.223	8.3	1.14	61	<10	270	0.7	<2	1.16	24.7	7	4	48	3.41
E146763		3.44	0.024	1.4	0.49	46	<10	180	0.9	<2	2.27	6.8	7	2	20	2.84
E146764		0.13	3.31	>100	0.17	>10000	<10	20	<0.5	2	0.38	320	2	8	1665	13.20
E146765		5.74	<0.005	0.4	1.20	61	<10	230	0.5	<2	1.34	<0.5	6	6	8	2.50
E146766		7.10	0.042	0.5	0.63	101	<10	460	0.8	<2	2.68	0.6	7	3	7	2.31
E146767		3.45	0.084	1.3	0.40	155	<10	100	0.8	<2	3.01	1.0	8	1	11	2.85
E146768		9.76	<0.005	<0.2	1.11	7	<10	230	<0.5	<2	1.19	<0.5	7	7	14	2.53
E146769		10.11	<0.005	<0.2	1.16	4	<10	200	<0.5	<2	1.03	<0.5	6	8	18	2.61
E146770		9.03	<0.005	<0.2	0.92	6	<10	260	<0.5	<2	1.16	<0.5	8	8	5	2.40
E146771		0.12	0.469	>100	0.28	10000	<10	20	<0.5	<2	2.03	288	15	12	1120	12.05
E146772		9.83	<0.005	0.3	1.24	18	<10	150	<0.5	<2	0.99	<0.5	6	8	15	2.43
E146773		9.44	<0.005	<0.2	1.18	7	<10	170	<0.5	<2	0.93	<0.5	6	9	6	2.48
E146774		8.64	<0.005	<0.2	1.28	6	<10	130	<0.5	<2	0.98	<0.5	6	9	13	2.51
E146775		3.60	0.030	1.7	1.04	8	<10	950	0.5	<2	1.59	24.4	6	7	17	2.72
E146776		2.27	<0.005	<0.2	0.03	<2	<10	30	<0.5	2	19.3	<0.5	2	<1	1	0.39
E146777		10.15	<0.005	<0.2	1.24	4	<10	150	<0.5	<2	0.99	<0.5	6	8	12	2.44
E146778		8.90	<0.005	<0.2	1.15	5	<10	150	<0.5	<2	0.88	<0.5	5	8	8	2.47
E146779		10.34	<0.005	<0.2	1.12	6	<10	190	<0.5	<2	1.06	<0.5	6	8	7	2.52
E146780		10.32	0.006	<0.2	0.89	13	<10	210	<0.5	<2	1.48	0.6	8	6	8	2.41
E146781		4.18	0.005	<0.2	0.77	8	<10	250	<0.5	<2	1.61	<0.5	10	5	9	2.28
E146782		9.39	0.026	0.2	0.75	38	<10	480	0.5	<2	1.81	<0.5	7	5	6	2.48
E146783		11.17	<0.005	<0.2	1.05	8	<10	150	<0.5	<2	1.09	<0.5	6	7	6	2.52
E146784		8.50	<0.005	<0.2	1.10	7	<10	180	<0.5	<2	0.85	<0.5	7	8	4	2.50

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

Finalized Date: 9- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10176524

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E146749		<10	<1	0.17	20	0.60	638	2	0.05	1	550	146	0.14	<2	5	68
E146750		<10	<1	0.16	20	0.62	482	1	0.05	2	560	20	0.09	<2	6	60
E146751		<10	<1	0.14	20	0.64	463	1	0.06	<1	570	57	0.02	<2	6	62
E146752		<10	<1	0.27	20	0.54	1600	2	0.01	2	510	2630	1.03	<2	5	56
E146753		<10	1	0.27	20	0.67	1040	1	0.01	<1	550	24	0.66	<2	5	82
E146754		<10	<1	0.31	10	1.10	1970	<1	0.01	<1	500	885	1.21	<2	4	85
E146755		<10	<1	0.28	20	0.59	749	<1	0.03	2	570	10	0.26	<2	5	86
E146756		<10	<1	0.19	20	0.60	559	<1	0.03	1	580	78	0.07	<2	5	64
E146757		10	<1	0.12	10	0.69	451	1	0.06	<1	580	15	0.04	<2	6	47
E146758		<10	<1	0.02	<10	12.10	191	<1	0.01	<1	230	4	<0.01	<2	<1	45
E146759		<10	<1	0.14	20	0.63	464	1	0.06	1	570	12	0.04	<2	4	52
E146760		<10	<1	0.14	20	0.66	468	1	0.07	1	570	17	0.05	<2	4	51
E146761		<10	2	0.23	20	0.60	963	1	0.01	1	590	54	0.68	<2	7	80
E146762		<10	<1	0.20	20	0.73	997	1	0.01	2	640	3780	0.50	5	6	34
E146763		<10	<1	0.27	20	0.70	1500	1	0.01	1	560	609	0.49	2	6	72
E146764		<10	1	0.07	<10	0.16	1425	1	<0.01	11	130	>10000	>10.0	559	1	16
E146765		10	<1	0.13	20	0.64	406	1	0.06	2	620	50	0.03	<2	6	80
E146766		<10	<1	0.22	20	0.65	674	2	0.01	1	590	53	0.77	<2	6	90
E146767		<10	1	0.27	10	0.80	2720	1	0.01	<1	510	49	1.85	7	5	65
E146768		10	<1	0.17	20	0.60	443	1	0.06	1	610	17	<0.01	<2	4	42
E146769		<10	<1	0.15	10	0.65	416	2	0.07	1	620	13	<0.01	<2	4	36
E146770		<10	<1	0.17	20	0.55	353	2	0.07	1	550	12	0.09	<2	4	35
E146771		<10	2	0.15	<10	0.09	1990	10	0.01	24	410	>10000	>10.0	192	1	113
E146772		<10	<1	0.12	10	0.62	384	1	0.07	1	580	23	0.01	<2	3	30
E146773		10	<1	0.12	10	0.60	351	1	0.08	1	590	17	<0.01	<2	3	41
E146774		<10	<1	0.12	10	0.61	358	2	0.07	2	600	18	<0.01	<2	3	32
E146775		<10	<1	0.12	20	0.47	879	2	0.05	1	600	612	0.17	<2	4	45
E146776		<10	<1	0.01	<10	12.05	191	<1	0.01	<1	210	4	<0.01	<2	<1	46
E146777		10	1	0.11	10	0.57	314	1	0.07	1	600	16	<0.01	<2	2	32
E146778		10	<1	0.11	10	0.62	363	1	0.07	2	590	13	<0.01	<2	3	39
E146779		10	<1	0.14	10	0.69	414	1	0.08	1	580	13	<0.01	<2	4	38
E146780		<10	<1	0.19	10	0.58	836	1	0.05	2	590	17	0.20	<2	5	41
E146781		<10	<1	0.20	20	0.55	1115	2	0.04	<1	580	18	0.26	<2	5	42
E146782		<10	<1	0.20	20	0.62	933	1	0.05	1	570	19	0.55	<2	6	63
E146783		<10	<1	0.13	10	0.66	397	1	0.07	1	600	13	0.06	<2	4	39
E146784		10	<1	0.11	10	0.66	402	1	0.07	1	580	12	0.01	<2	4	41

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

Finalized Date: 9- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10176524

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
E146749		<20	0.04	<10	<10	40	<10	209			
E146750		<20	0.02	<10	<10	39	<10	90			
E146751		<20	0.02	<10	<10	43	<10	73			
E146752		<20	<0.01	<10	<10	15	<10	1210			
E146753		<20	<0.01	<10	<10	15	<10	54			
E146754		<20	<0.01	<10	10	11	<10	2380			
E146755		<20	<0.01	<10	<10	16	<10	53			
E146756		20	0.01	<10	<10	34	<10	140			
E146757		<20	0.06	<10	<10	51	<10	41			
E146758		<20	<0.01	<10	<10	1	<10	14			
E146759		<20	0.06	<10	<10	47	<10	31			
E146760		<20	0.06	<10	<10	46	<10	37			
E146761		<20	<0.01	<10	<10	27	<10	547			
E146762		<20	<0.01	<10	<10	32	<10	1645			
E146763		<20	<0.01	<10	<10	20	<10	500			
E146764		<20	<0.01	<10	<10	7	140	>10000	412	3.46	2.99
E146765		<20	0.02	<10	<10	44	<10	76			
E146766		<20	<0.01	<10	<10	25	<10	56			
E146767		<20	<0.01	<10	<10	8	<10	113			
E146768		20	0.09	<10	<10	50	<10	38			
E146769		<20	0.09	<10	<10	56	<10	35			
E146770		20	0.09	<10	<10	46	<10	28			
E146771		<20	<0.01	<10	<10	6	10	>10000	672	2.68	1.815
E146772		<20	0.14	<10	<10	52	10	62			
E146773		<20	0.14	<10	<10	52	<10	34			
E146774		<20	0.13	<10	<10	52	<10	34			
E146775		<20	0.06	<10	<10	46	<10	1340			
E146776		<20	<0.01	<10	<10	1	<10	16			
E146777		<20	0.13	<10	<10	50	<10	30			
E146778		20	0.11	<10	<10	51	<10	30			
E146779		<20	0.11	<10	<10	52	<10	118			
E146780		<20	0.03	<10	<10	40	<10	74			
E146781		<20	0.02	<10	<10	35	<10	57			
E146782		<20	0.01	<10	<10	32	<10	57			
E146783		<20	0.09	<10	<10	51	<10	29			
E146784		<20	0.11	<10	<10	51	<10	33			

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

Finalized Date: 10- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10181524

Project: KLAZA

P.O. No.: BATCH 12

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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Finalized Date: 10- DEC- 2010
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Project: KLAZA

CERTIFICATE OF ANALYSIS WH10181524

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
E147464		0.2	0.95	7	<10	210	<0.5	<2	1.58	<0.5	6	12	10	2.62	<10	<1
E147465		9.1	0.82	119	<10	280	<0.5	<2	1.77	27.7	7	8	30	2.85	<10	<1
E147466		0.3	0.75	19	<10	240	0.5	<2	1.94	<0.5	4	8	6	2.62	<10	<1
E147467		12.2	0.43	253	<10	230	0.7	2	2.90	26.7	7	5	75	3.15	<10	1
E147468		0.3	0.96	10	<10	330	0.5	<2	1.58	<0.5	5	10	11	2.65	<10	<1
E147469		0.4	0.97	12	<10	170	<0.5	<2	1.45	0.5	6	13	8	2.68	<10	<1
E147470		<0.2	0.04	<2	<10	10	<0.5	<2	20.4	<0.5	<1	1	1	0.42	<10	<1
E147471		<0.2	0.88	17	<10	600	0.6	<2	1.81	<0.5	6	9	7	3.09	<10	<1
E147472		<0.2	0.70	18	<10	390	0.6	<2	1.66	<0.5	5	6	9	2.74	<10	<1
E147473		1.4	0.58	38	<10	1280	0.8	<2	2.39	4.5	6	5	18	2.52	<10	<1
E147474		<0.2	0.54	7	<10	970	1.0	<2	3.32	<0.5	6	4	1	2.11	<10	<1
E147475		<0.2	0.59	11	<10	1140	1.0	<2	3.13	<0.5	5	4	2	2.15	<10	<1
E147476		>100	0.27	9690	<10	10	<0.5	<2	2.05	290	14	13	1030	11.75	<10	2
E147477		<0.2	0.79	30	<10	1310	1.0	<2	2.15	1.2	6	4	5	2.29	<10	<1
E147478		0.6	0.67	42	<10	460	0.6	<2	2.43	0.5	6	6	9	2.74	<10	<1
E147479		12.5	0.34	193	<10	80	<0.5	8	2.53	18.5	6	2	119	3.70	<10	<1
E147480		4.7	0.45	64	<10	300	0.5	3	3.24	1.7	5	3	6	2.33	<10	<1
E147481		4.7	0.47	149	<10	220	0.7	<2	2.31	16.3	5	4	37	2.94	<10	<1
E147482		0.2	0.04	2	<10	20	<0.5	<2	20.8	<0.5	<1	1	1	0.40	<10	<1
E147483		0.6	0.59	40	<10	390	0.9	<2	2.88	0.7	6	3	8	2.40	<10	<1
E147484		1.0	0.55	55	<10	580	1.0	<2	2.70	0.9	7	3	8	2.40	<10	<1
E147485		0.8	0.64	16	<10	590	0.5	<2	2.15	2.2	7	6	8	2.70	<10	<1
E147486		0.2	0.70	18	<10	730	0.5	<2	2.08	0.7	5	6	8	2.71	<10	1
E147487		>100	0.18	>10000	<10	10	<0.5	4	0.40	348	2	10	1710	13.40	<10	1
E147488		0.7	0.73	19	<10	520	0.5	<2	1.66	2.5	7	5	14	2.65	<10	<1
E147489		0.9	0.74	71	<10	500	0.9	2	2.41	2.8	7	5	20	2.52	<10	<1
E147490		0.5	0.67	57	<10	390	0.8	<2	2.42	0.5	6	4	26	2.34	<10	<1
E147491		1.6	1.25	36	<10	650	0.9	<2	2.71	3.2	6	5	17	2.60	<10	<1
E147492		11.4	0.62	904	<10	150	0.8	3	2.61	30.4	6	4	98	2.93	<10	<1
E147493		0.2	0.63	50	<10	780	0.6	<2	2.38	0.5	6	5	14	2.66	<10	<1
E147494		4.2	0.60	79	<10	580	0.6	5	2.45	2.9	9	5	21	2.89	<10	<1
E147495		94.5	0.52	428	<10	180	0.9	2	2.83	57.5	5	7	190	2.40	<10	<1
E147496		3.2	0.61	358	<10	220	1.0	2	2.87	2.9	6	9	19	2.37	<10	<1
E147497		58.8	0.47	3050	<10	120	1.0	2	2.25	82.3	7	9	252	2.76	<10	<1
E147498		1.8	0.58	75	<10	350	1.1	2	2.96	3.8	5	7	11	2.03	<10	<1
E147499		28.8	0.63	261	<10	90	1.1	2	2.66	21.8	6	12	145	2.22	<10	<1

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North Vancouver BC V7H 0A7
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CERTIFICATE OF ANALYSIS WH10181524

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
E147464		0.15	20	0.70	559	1	0.07	1	580	8	0.06	<2	6	66	<20	0.03
E147465		0.24	20	0.62	854	<1	0.05	1	550	376	0.53	2	5	84	<20	0.02
E147466		0.24	20	0.61	783	1	0.04	2	590	12	0.17	<2	6	84	<20	0.01
E147467		0.26	10	0.89	1465	1	0.01	2	560	1310	1.30	4	4	136	<20	<0.01
E147468		0.19	20	0.58	565	1	0.06	1	590	18	0.04	<2	6	69	<20	0.05
E147469		0.15	20	0.64	519	<1	0.07	2	600	59	0.09	<2	7	59	<20	0.03
E147470		0.02	<10	12.15	201	<1	0.01	2	200	3	<0.01	<2	<1	49	<20	<0.01
E147471		0.17	30	0.60	647	1	0.06	2	630	13	0.15	<2	8	74	<20	0.01
E147472		0.17	20	0.60	663	1	0.02	1	610	10	0.06	<2	8	87	<20	0.01
E147473		0.25	20	0.82	792	1	0.02	2	560	296	0.28	<2	6	139	<20	<0.01
E147474		0.27	10	0.95	600	<1	0.02	2	680	12	0.03	<2	4	333	<20	<0.01
E147475		0.31	10	0.89	553	<1	0.02	2	770	16	0.05	<2	4	297	<20	0.01
E147476		0.14	<10	0.09	1995	9	0.01	23	400	>10000	>10.0	177	1	112	<20	<0.01
E147477		0.34	10	0.77	634	<1	0.05	3	730	83	0.22	<2	5	163	<20	<0.01
E147478		0.24	20	0.76	913	1	0.03	1	560	35	0.28	<2	7	126	<20	<0.01
E147479		0.29	10	0.63	2070	1	0.01	<1	540	1370	2.99	8	3	82	<20	<0.01
E147480		0.32	20	0.92	2110	3	0.01	1	540	101	1.01	<2	3	103	<20	<0.01
E147481		0.32	20	0.75	1430	2	0.01	2	580	394	1.37	4	3	105	<20	<0.01
E147482		0.02	<10	12.60	200	<1	0.01	2	250	3	<0.01	<2	<1	48	<20	<0.01
E147483		0.33	10	0.92	698	1	0.01	3	590	27	0.33	<2	4	198	<20	<0.01
E147484		0.30	10	0.89	643	1	0.01	4	510	57	0.24	<2	4	179	<20	<0.01
E147485		0.20	20	0.84	639	<1	0.04	1	570	63	0.20	<2	7	130	<20	0.01
E147486		0.21	20	0.78	648	<1	0.06	2	600	19	0.06	<2	8	136	<20	0.01
E147487		0.07	<10	0.17	1530	1	0.01	16	140	>10000	>10.0	599	1	19	<20	<0.01
E147488		0.18	20	0.69	630	1	0.05	2	590	104	0.13	6	7	117	<20	0.02
E147489		0.30	20	0.50	1095	1	0.02	2	620	136	0.52	<2	6	177	<20	<0.01
E147490		0.29	20	0.47	1275	1	0.02	2	580	28	0.21	<2	5	165	<20	<0.01
E147491		0.24	20	0.65	446	3	0.02	3	790	121	0.23	2	5	370	<20	<0.01
E147492		0.30	20	0.65	953	2	0.02	2	580	1140	1.04	12	6	184	<20	<0.01
E147493		0.28	20	0.64	775	2	0.05	3	580	24	0.10	<2	8	172	<20	0.01
E147494		0.25	20	0.69	918	1	0.03	2	590	215	0.60	<2	6	177	<20	0.01
E147495		0.23	10	0.65	773	1	0.02	10	380	>10000	1.18	71	4	226	<20	<0.01
E147496		0.29	10	0.84	1250	1	0.01	10	430	229	0.91	5	4	215	<20	<0.01
E147497		0.23	10	0.56	877	3	0.01	18	360	7620	1.90	55	4	203	<20	<0.01
E147498		0.29	20	0.74	618	1	0.02	9	650	243	0.33	<2	5	305	<20	<0.01
E147499		0.28	10	0.86	542	2	0.02	15	500	2900	0.59	31	5	173	<20	<0.01

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

Finalized Date: 10- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10181524

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	10	10	1	10	2	1	0.001	0.001
E147464		<10	<10	45	<10	36			
E147465		<10	<10	37	<10	1470			
E147466		<10	<10	37	<10	53			
E147467		<10	<10	21	<10	1750			
E147468		<10	<10	46	<10	50			
E147469		<10	<10	50	<10	53			
E147470		<10	<10	2	<10	15			
E147471		<10	<10	44	<10	50			
E147472		<10	<10	37	<10	43			
E147473		<10	<10	27	<10	472			
E147474		<10	<10	33	<10	44			
E147475		<10	<10	29	<10	53			
E147476		<10	<10	5	30	>10000	692	2.70	1.875
E147477		<10	<10	25	<10	125			
E147478		<10	<10	33	<10	64			
E147479		<10	<10	10	<10	1495			
E147480		<10	<10	9	<10	130			
E147481		<10	<10	16	<10	1055			
E147482		<10	10	1	<10	18			
E147483		<10	<10	30	<10	89			
E147484		<10	<10	31	<10	96			
E147485		<10	<10	37	<10	152			
E147486		<10	<10	39	<10	69			
E147487		<10	<10	6	140	>10000	399	3.47	2.91
E147488		<10	<10	37	<10	182			
E147489		<10	<10	19	<10	186			
E147490		<10	<10	18	<10	57			
E147491		<10	<10	25	<10	277			
E147492		<10	<10	17	<10	1985			
E147493		<10	<10	27	<10	62			
E147494		<10	<10	28	<10	215			
E147495		<10	<10	20	<10	5270			1.450
E147496		<10	<10	21	<10	275			
E147497		<10	<10	18	<10	5070			
E147498		<10	<10	24	<10	294			
E147499		<10	<10	25	<10	1380			

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

Finalized Date: 9- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10181525

Project: KLAZA

P.O. No.: Batch 14

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Finalized Date: 9- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10181525

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
J981219		<0.2	0.76	8	<10	230	<0.5	2	1.77	2.3	5	7	7	2.24	<10	<1
J981220		0.3	0.67	29	<10	370	<0.5	2	1.82	2.5	12	7	14	2.00	<10	<1
J981221		0.4	0.44	59	<10	410	<0.5	3	2.10	18.8	7	5	44	2.07	<10	<1
J981222		6.2	0.46	517	<10	790	<0.5	6	0.32	4.3	2	4	174	2.21	<10	<1
J981223		1.6	0.37	153	<10	270	<0.5	4	0.60	44.6	11	5	351	3.18	<10	<1
J981224		0.9	0.69	73	<10	480	<0.5	2	0.72	18.1	10	6	150	2.63	<10	<1
J981225		0.2	0.35	21	<10	660	<0.5	<2	0.17	3.5	9	4	20	1.97	<10	<1
J981226		0.3	0.62	7	<10	430	<0.5	<2	0.24	4.6	4	8	11	1.69	<10	<1
J981227		>100	0.27	>10000	<10	20	<0.5	2	2.00	293	14	13	1085	11.55	<10	2
J981228		0.7	0.49	78	<10	730	<0.5	<2	0.86	24.8	7	5	205	2.08	<10	<1
J981229		<0.2	0.47	79	<10	560	0.5	3	1.14	40.6	12	5	178	3.15	<10	<1
J981230		0.6	0.85	65	<10	410	0.6	2	0.36	14.6	8	6	86	3.00	<10	<1
J981231		0.4	0.81	25	<10	630	0.5	2	1.54	6.7	9	6	41	2.54	<10	<1
J981232		<0.2	0.04	4	<10	20	<0.5	<2	20.9	<0.5	1	1	<1	0.42	<10	<1
J981233		<0.2	0.91	55	<10	180	0.6	3	1.28	21.6	10	5	18	2.83	<10	<1
J981234		9.5	0.69	353	<10	20	0.5	8	1.27	32.5	17	4	37	6.82	<10	<1
J981235		0.5	0.77	27	<10	460	0.5	4	1.36	6.7	8	5	36	2.86	<10	<1
J981236		>100	0.19	>10000	<10	10	<0.5	4	0.41	355	2	11	1745	13.80	<10	1
J981237		0.4	0.67	24	<10	810	0.5	2	1.23	4.6	8	5	56	2.89	<10	1
J981238		<0.2	1.34	10	<10	150	0.5	<2	1.11	<0.5	6	10	5	2.72	<10	<1
J981239		<0.2	1.28	16	<10	250	0.6	<2	2.19	0.9	14	12	5	3.07	<10	<1
J981240		0.3	1.16	18	<10	670	0.6	3	1.30	1.6	9	7	15	2.93	<10	<1
J981241		0.2	0.89	14	<10	380	0.5	2	1.75	0.5	6	7	37	2.88	<10	<1
J981242		0.6	0.82	50	<10	400	0.6	<2	1.24	0.9	8	6	49	3.50	<10	<1
J981243		<0.2	0.04	<2	<10	20	<0.5	<2	21.3	<0.5	<1	<1	<1	0.44	<10	<1
J981244		6.3	0.65	387	<10	40	0.5	5	0.97	15.2	9	4	221	4.50	<10	<1
J981245		0.3	0.49	80	<10	350	0.5	<2	1.56	0.6	5	5	33	2.84	<10	<1
J981246		<0.2	0.97	22	<10	510	0.5	<2	2.09	<0.5	5	7	38	2.77	<10	<1
J981247		<0.2	0.67	13	<10	270	0.5	<2	1.43	<0.5	6	7	10	2.61	<10	<1
J981248		2.8	0.66	151	<10	30	0.6	<2	1.60	7.6	7	5	132	4.09	<10	<1
J981249		<0.2	0.51	12	<10	590	0.5	<2	0.79	0.6	5	5	5	2.67	<10	<1
J981250		<0.2	0.86	14	<10	470	0.5	<2	0.76	1.0	7	6	18	2.82	<10	<1
J981251		0.3	0.50	11	<10	820	0.5	<2	1.62	0.6	5	5	9	2.67	<10	<1
J981252		0.6	0.65	203	<10	260	0.8	<2	1.46	2.7	7	7	8	3.35	<10	<1
J981253		0.2	0.39	30	<10	950	0.6	<2	1.07	<0.5	5	5	15	2.53	<10	<1
J981254		1.0	0.76	87	<10	90	0.5	2	0.76	1.9	5	5	29	3.47	<10	<1

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

Finalized Date: 9- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10181525

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
J981219		0.19	20	0.30	649	1	0.03	1	570	10	0.11	<2	4	45	<20	0.01
J981220		0.33	10	0.23	648	46	0.02	1	460	21	0.60	<2	2	48	<20	<0.01
J981221		0.30	10	0.11	1170	16	0.01	1	560	218	0.25	<2	2	49	<20	<0.01
J981222		0.33	10	0.06	201	2	0.02	1	310	1410	0.38	15	2	29	<20	<0.01
J981223		0.23	10	0.18	1480	8	0.01	1	530	212	1.05	11	3	14	<20	<0.01
J981224		0.34	10	0.27	1220	3	0.01	2	550	47	0.50	10	3	19	<20	<0.01
J981225		0.20	10	0.15	1035	44	0.01	1	520	36	0.29	<2	3	11	<20	<0.01
J981226		0.34	<10	0.17	881	32	0.01	<1	400	26	0.12	<2	3	10	<20	<0.01
J981227		0.14	10	0.09	1995	10	0.02	24	410	>10000	>10.0	202	1	119	<20	<0.01
J981228		0.22	10	0.26	899	2	0.02	2	530	24	0.25	<2	4	22	<20	<0.01
J981229		0.23	20	0.40	1200	1	0.01	3	540	27	0.55	2	4	25	<20	<0.01
J981230		0.30	10	0.19	1270	2	0.01	2	450	193	0.46	8	5	22	<20	<0.01
J981231		0.25	20	0.53	1255	3	0.03	2	570	50	0.25	8	4	43	<20	<0.01
J981232		0.02	10	12.60	217	<1	0.02	4	270	2	<0.01	<2	<1	53	<20	<0.01
J981233		0.22	20	0.31	1040	1	0.01	1	590	14	0.44	2	5	37	<20	<0.01
J981234		0.44	10	0.49	2110	1	0.01	2	490	602	6.0	2	3	23	<20	<0.01
J981235		0.43	20	0.56	1665	1	0.02	3	600	109	0.61	3	4	30	<20	<0.01
J981236		0.08	<10	0.17	1560	1	0.01	13	140	>10000	>10.0	629	1	19	<20	<0.01
J981237		0.23	20	0.56	1160	1	0.02	1	570	26	0.39	11	5	36	<20	0.01
J981238		0.16	20	0.55	537	1	0.07	2	600	15	0.05	<2	7	42	<20	0.04
J981239		0.16	30	0.64	780	<1	0.03	3	780	17	0.18	6	9	67	<20	0.01
J981240		0.33	30	0.56	1125	1	0.02	2	640	26	0.33	<2	6	32	<20	<0.01
J981241		0.19	30	0.67	839	1	0.05	2	590	13	0.21	4	6	76	<20	<0.01
J981242		0.36	20	0.60	1190	1	0.02	3	590	36	0.57	10	4	39	<20	<0.01
J981243		0.02	<10	12.85	220	<1	0.01	1	290	<2	<0.01	<2	<1	54	<20	<0.01
J981244		0.43	10	0.48	1980	3	0.01	2	560	663	2.40	17	3	24	<20	<0.01
J981245		0.25	10	0.58	1090	<1	0.01	1	550	12	0.72	4	5	47	<20	<0.01
J981246		0.30	20	0.72	772	1	0.05	2	600	14	0.23	<2	5	86	<20	0.01
J981247		0.14	20	0.46	657	<1	0.02	2	620	10	0.32	2	7	53	20	0.01
J981248		0.45	10	0.55	1725	1	0.01	2	570	343	2.31	18	4	43	<20	<0.01
J981249		0.20	20	0.40	958	<1	0.01	2	620	14	0.41	<2	6	22	<20	<0.01
J981250		0.26	20	0.38	950	<1	0.01	2	610	13	0.50	2	6	24	<20	<0.01
J981251		0.26	20	0.59	1095	1	0.01	2	610	16	0.19	<2	6	39	<20	<0.01
J981252		0.41	20	0.58	1340	1	0.01	3	540	99	0.83	<2	6	30	<20	<0.01
J981253		0.22	20	0.41	1075	3	0.01	2	470	15	0.30	5	7	33	<20	<0.01
J981254		0.37	10	0.39	963	1	0.01	2	530	86	1.26	6	5	19	<20	<0.01

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VANCOUVER BC V6B 1L8

Finalized Date: 9- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10181525

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	10	10	1	10	2	1	0.001	0.001
J981219		<10	<10	31	<10	641			
J981220		<10	<10	17	<10	362			
J981221		<10	<10	11	<10	1005			
J981222		<10	<10	10	<10	424			
J981223		<10	<10	17	<10	2100			
J981224		<10	<10	21	<10	937			
J981225		<10	<10	17	<10	350			
J981226		<10	<10	16	<10	328			
J981227		<10	<10	5	20	>10000	678	2.58	1.825
J981228		<10	<10	17	<10	868			
J981229		<10	<10	20	<10	1510			
J981230		<10	<10	24	<10	840			
J981231		<10	<10	27	<10	557			
J981232		<10	<10	<1	<10	22			
J981233		<10	<10	24	<10	1530			
J981234		<10	<10	12	<10	2250			
J981235		<10	<10	20	<10	539			
J981236		<10	<10	7	140	>10000	409	3.46	2.96
J981237		<10	<10	31	<10	322			
J981238		<10	<10	50	<10	66			
J981239		<10	<10	49	<10	124			
J981240		<10	<10	33	<10	153			
J981241		<10	<10	38	<10	91			
J981242		<10	<10	31	<10	158			
J981243		<10	<10	2	<10	14			
J981244		<10	<10	16	<10	1095			
J981245		<10	<10	24	<10	100			
J981246		<10	<10	35	<10	71			
J981247		<10	<10	35	<10	70			
J981248		<10	<10	19	<10	611			
J981249		<10	<10	23	<10	97			
J981250		<10	<10	28	<10	128			
J981251		<10	<10	25	<10	102			
J981252		<10	<10	23	<10	279			
J981253		<10	<10	24	<10	81			
J981254		<10	<10	22	<10	186			

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

Finalized Date: 7- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10181526

Project: KLAZA

P.O. No.: BATCH 17

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10181526

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
E146678		0.037
E146679		0.041
E146680		0.031
E146681		0.032
E146682		0.023
E146683		0.082
E146684		0.105
E146685		<0.005
E146686		0.078
E146687		0.048
E146688		0.033
E146689		0.020
E146690		0.474
E146691		0.029
E146692		0.048
E146693		0.063
E146694		0.022
E146695		0.049
E146696		0.241
E146697		0.018
E146698		0.544
E146699		3.30
E146700		0.022
E146701		0.025
E146702		0.202
E146703		0.311
E146704		<0.005
E146705		0.073
E146706		0.131
E146707		0.036
E146708		0.189
E146709		0.146
E146710		0.049
E146711		0.922
E146712		0.063
E146713		0.044

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Finalized Date: 22- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10182706

Project: KLAZA

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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Finalized Date: 22- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10182706

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
J981219		<0.2	0.77	7	<10	230	<0.5	<2	1.85	2.2	4	9	8	2.31	<10	<1
J981220		0.5	0.70	27	<10	400	<0.5	<2	1.94	2.4	11	6	15	2.14	<10	1
J981221		0.8	0.45	56	<10	420	<0.5	<2	2.20	18.9	7	5	45	2.16	<10	<1
J981222		6.8	0.49	535	<10	830	<0.5	5	0.35	4.4	2	4	175	2.35	<10	<1
J981223		2.0	0.39	160	<10	170	<0.5	2	0.70	48.0	11	5	365	3.57	<10	<1
J981224		1.3	0.74	74	<10	390	<0.5	<2	0.83	19.4	10	6	157	2.97	<10	<1
J981225		0.4	0.35	17	<10	730	<0.5	<2	0.18	3.5	8	4	19	2.07	<10	<1
J981226		0.7	0.60	7	<10	430	<0.5	<2	0.25	4.6	4	6	10	1.77	<10	1
J981227		>100	0.28	9910	<10	10	<0.5	<2	2.13	298	14	13	1060	12.40	<10	2
J981228		<0.2	0.52	61	<10	810	<0.5	<2	0.93	26.0	8	5	209	2.25	<10	<1
J981229		0.5	0.49	82	<10	590	0.5	2	1.24	42.5	12	6	179	3.48	<10	<1
J981230		0.8	0.87	70	<10	440	0.6	<2	0.39	14.9	8	5	86	3.31	<10	1
J981231		0.6	0.83	25	<10	680	0.5	<2	1.64	6.8	9	6	42	2.69	<10	<1
J981232		<0.2	0.04	<2	<10	20	<0.5	<2	21.7	<0.5	<1	1	1	0.44	<10	<1
J981233		0.2	0.99	55	<10	200	0.7	<2	1.41	22.7	10	5	18	3.07	<10	<1
J981234		12.3	0.69	350	<10	10	0.5	7	1.35	32.5	16	3	36	7.18	<10	<1
J981235		0.6	0.76	27	<10	420	0.5	<2	1.40	6.6	7	5	36	3.00	<10	<1
J981236		>100	0.19	>10000	<10	10	<0.5	<2	0.44	354	<1	8	1650	14.4	<10	1
J981237		0.7	0.72	52	<10	460	0.5	3	1.29	4.8	8	7	55	3.01	<10	<1
J981238		<0.2	1.32	4	<10	160	0.5	<2	1.14	<0.5	6	10	5	2.85	<10	<1
J981239		<0.2	1.26	18	<10	260	0.6	<2	2.33	1.1	14	13	6	3.30	<10	<1
J981240		0.4	1.18	19	<10	720	0.6	<2	1.39	1.7	8	7	15	3.20	<10	1
J981241		0.4	0.92	14	<10	400	0.5	<2	1.91	0.6	6	7	39	3.10	<10	1
J981242		0.7	0.86	53	<10	480	0.6	2	1.31	1.0	7	6	52	3.77	<10	1
J981243		<0.2	0.04	<2	<10	20	<0.5	<2	21.3	<0.5	<1	<1	1	0.44	<10	<1
J981244		6.7	0.73	417	<10	40	0.5	6	1.07	15.5	9	4	233	4.86	<10	<1
J981245		0.4	0.50	80	<10	250	0.5	<2	1.55	0.6	5	5	35	2.79	<10	<1
J981246		0.4	0.97	19	<10	500	0.5	2	2.04	0.5	5	7	40	2.71	<10	<1
J981247		0.2	0.70	11	<10	280	0.5	<2	1.44	<0.5	6	7	10	2.64	<10	<1
J981248		2.5	0.70	162	<10	30	0.6	2	1.59	7.5	6	4	134	4.22	<10	<1
J981249		<0.2	0.56	13	<10	540	0.5	<2	0.83	0.7	6	6	5	2.77	<10	<1
J981250		0.2	0.97	13	<10	310	0.6	<2	0.84	1.2	7	6	20	3.11	<10	<1
J981251		0.2	0.54	9	<10	860	0.6	<2	1.68	0.8	6	6	10	2.79	<10	<1
J981252		0.6	0.70	217	<10	280	0.9	<2	1.53	2.9	7	5	7	3.59	<10	<1
J981253		0.2	0.42	29	<10	910	0.6	<2	1.10	<0.5	6	5	16	2.59	<10	<1
J981254		0.9	0.82	95	<10	60	0.6	<2	0.84	2.0	6	5	31	3.85	<10	<1

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VANCOUVER BC V6B 1L8

Finalized Date: 22- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10182706

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
J981219		0.20	20	0.32	642	1	0.03	2	590	4	0.08	2	5	43	<20	0.01
J981220		0.36	10	0.25	659	45	0.02	1	490	19	0.58	<2	2	46	<20	<0.01
J981221		0.31	10	0.12	1170	16	0.01	1	580	218	0.22	<2	2	47	<20	<0.01
J981222		0.37	20	0.07	210	3	0.01	<1	320	1460	0.37	18	2	30	<20	<0.01
J981223		0.26	10	0.20	1580	7	0.01	1	570	224	1.11	13	4	15	<20	<0.01
J981224		0.38	10	0.31	1280	4	0.01	3	590	51	0.51	11	4	20	<20	<0.01
J981225		0.22	10	0.16	1030	44	0.01	1	540	36	0.28	<2	3	11	<20	<0.01
J981226		0.35	<10	0.18	869	30	0.01	1	420	23	0.10	<2	3	10	<20	<0.01
J981227		0.15	<10	0.09	2090	10	0.02	23	410	>10000	>10.0	191	1	114	<20	<0.01
J981228		0.24	10	0.28	922	2	0.01	1	570	8	0.25	<2	4	23	<20	<0.01
J981229		0.25	20	0.44	1235	1	0.01	2	570	30	0.55	5	4	26	<20	<0.01
J981230		0.33	10	0.21	1290	2	0.01	1	470	197	0.46	8	5	21	<20	<0.01
J981231		0.28	20	0.57	1270	4	0.03	1	590	50	0.23	9	4	43	<20	0.01
J981232		0.02	10	13.20	216	<1	0.01	1	280	<2	<0.01	<2	<1	51	<20	<0.01
J981233		0.25	20	0.35	1080	1	0.01	1	630	15	0.42	2	5	38	<20	<0.01
J981234		0.46	10	0.52	2160	2	0.01	1	500	603	5.9	2	3	23	<20	<0.01
J981235		0.44	20	0.57	1670	1	0.01	1	610	106	0.59	4	4	29	<20	<0.01
J981236		0.08	<10	0.18	1600	<1	0.02	11	150	>10000	>10.0	601	1	20	<20	<0.01
J981237		0.23	20	0.60	1150	<1	0.05	3	610	36	0.42	8	5	39	<20	0.01
J981238		0.16	20	0.59	543	<1	0.10	1	610	13	0.06	2	7	42	20	0.04
J981239		0.17	30	0.68	785	1	0.03	1	810	14	0.16	6	9	63	20	0.01
J981240		0.36	30	0.60	1145	1	0.02	<1	670	25	0.31	2	6	30	<20	<0.01
J981241		0.21	30	0.74	865	1	0.04	1	620	12	0.19	6	7	74	<20	<0.01
J981242		0.38	20	0.64	1215	1	0.02	2	620	35	0.57	11	5	37	<20	<0.01
J981243		0.02	10	13.05	215	<1	0.01	1	290	<2	<0.01	<2	<1	52	<20	<0.01
J981244		0.47	10	0.52	2100	3	0.01	2	590	702	2.51	15	3	24	<20	<0.01
J981245		0.25	20	0.57	1050	1	0.01	1	550	11	0.70	5	5	44	<20	<0.01
J981246		0.30	20	0.71	736	1	0.05	2	590	12	0.21	<2	5	81	<20	0.01
J981247		0.16	20	0.46	642	1	0.03	<1	640	9	0.30	2	7	50	<20	0.01
J981248		0.47	10	0.55	1720	1	0.02	1	570	340	2.31	18	4	41	<20	<0.01
J981249		0.22	20	0.42	961	1	0.01	1	630	12	0.41	<2	6	21	<20	<0.01
J981250		0.28	20	0.42	1000	1	0.01	1	660	13	0.52	4	7	24	<20	<0.01
J981251		0.28	20	0.63	1095	1	0.02	<1	630	15	0.18	3	6	38	<20	<0.01
J981252		0.44	20	0.62	1400	1	0.02	2	570	104	0.84	3	6	29	<20	<0.01
J981253		0.24	20	0.43	1065	3	0.01	2	490	14	0.28	3	7	31	<20	<0.01
J981254		0.40	10	0.43	1005	1	0.01	2	570	90	1.35	6	5	19	<20	<0.01

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 22- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10182706

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	10	10	1	10	2	1	0.001	0.001
J981219		<10	<10	32	<10	652			
J981220		<10	<10	17	<10	365			
J981221		<10	<10	11	<10	1025			
J981222		<10	<10	11	<10	442			
J981223		<10	<10	18	10	2230			
J981224		<10	<10	23	<10	1015			
J981225		<10	<10	17	<10	353			
J981226		<10	<10	16	<10	333			
J981227		<10	<10	6	20	>10000	687	2.54	1.835
J981228		<10	<10	18	<10	904			
J981229		<10	<10	21	<10	1565			
J981230		<10	<10	25	<10	879			
J981231		<10	<10	28	<10	567			
J981232		<10	<10	1	<10	20			
J981233		<10	<10	26	<10	1630			
J981234		<10	<10	13	10	2260			
J981235		<10	<10	20	<10	532			
J981236		<10	<10	7	150	>10000	423	3.59	3.12
J981237		<10	<10	32	<10	339			
J981238		<10	<10	51	<10	65			
J981239		<10	<10	50	<10	125			
J981240		<10	<10	34	<10	156			
J981241		<10	<10	39	<10	96			
J981242		<10	<10	32	<10	165			
J981243		<10	<10	2	<10	14			
J981244		<10	<10	17	<10	1160			
J981245		<10	<10	24	<10	102			
J981246		<10	<10	34	<10	71			
J981247		<10	<10	35	<10	72			
J981248		<10	<10	19	<10	610			
J981249		<10	<10	24	<10	104			
J981250		<10	<10	30	<10	143			
J981251		<10	<10	26	<10	107			
J981252		<10	<10	24	<10	297			
J981253		<10	<10	24	<10	85			
J981254		<10	<10	23	<10	201			

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Finalized Date: 14- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10184123

Project: KLAZA

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 14- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10184123

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
J981291		3.0	0.94	104	<10	240	0.7	3	0.35	1.2	7	4	306	4.46	<10	<1
J981292		0.8	1.08	38	<10	180	0.6	<2	0.74	2.5	9	5	253	3.70	<10	<1
J981293		1.3	0.99	64	<10	130	0.9	3	1.32	4.9	13	4	322	3.59	<10	1
J981294		1.6	1.01	69	<10	150	0.8	2	1.30	4.4	12	6	267	3.77	<10	<1
J981295		0.7	1.02	39	<10	230	0.8	<2	1.19	5.0	15	6	393	3.22	<10	<1
J981296		82.8	0.69	442	<10	70	<0.5	161	0.25	0.5	4	3	1360	4.48	<10	1
J981297		0.4	0.04	<2	<10	10	<0.5	<2	19.3	<0.5	1	<1	8	0.40	<10	<1
J981298		1.6	0.97	72	<10	40	0.8	2	1.74	3.8	12	4	282	3.93	<10	<1
J981299		0.9	0.96	67	<10	60	0.6	2	1.20	2.6	11	5	287	3.34	<10	<1
E146651		0.6	1.13	7	<10	300	0.5	<2	1.41	1.1	8	8	62	3.12	<10	<1
E146652		4.0	1.02	153	<10	20	0.9	6	0.45	4.6	10	4	757	4.49	<10	1
E146653		>100	0.17	>10000	<10	<10	<0.5	<2	0.40	312	3	8	1620	14.1	<10	<1
E146654		0.3	1.03	15	<10	220	0.6	<2	0.40	4.3	15	4	212	2.57	<10	<1
E146655		1.0	0.87	62	<10	100	0.5	2	0.43	4.5	4	5	270	2.42	<10	<1
E146656		0.7	1.32	11	<10	250	0.5	<2	1.08	1.9	9	8	265	2.92	<10	<1
E146657		0.8	0.90	15	<10	60	0.5	2	1.23	2.1	13	6	176	3.03	<10	<1
E146658		>100	0.25	9030	<10	10	<0.5	<2	1.95	261	12	12	1030	11.35	<10	1
E146659		3.1	0.77	331	<10	30	0.6	4	1.15	2.8	12	4	615	5.27	<10	1
E146660		1.1	0.89	40	<10	210	0.7	2	0.85	4.6	17	4	419	3.19	<10	<1
E146661		1.5	0.89	94	<10	290	0.9	4	1.32	5.0	11	4	574	4.14	<10	<1
E146662		1.7	1.03	62	<10	210	0.7	3	1.53	2.9	10	6	200	3.43	<10	<1
E146663		0.3	0.98	19	<10	330	0.5	2	1.49	1.1	11	6	62	2.82	<10	<1
E146664		2.2	0.76	108	<10	100	0.8	4	1.68	5.8	11	3	260	5.09	<10	<1
E146665		0.2	0.04	<2	<10	20	<0.5	2	20.0	<0.5	1	1	2	0.40	<10	<1
E146666		0.3	0.95	13	<10	300	0.6	3	1.83	0.5	14	6	41	2.64	<10	<1
E146667		0.3	0.93	20	<10	410	0.7	2	1.99	1.1	12	5	102	2.93	<10	<1
E146668		0.4	1.18	6	<10	400	<0.5	2	1.38	1.2	8	9	86	2.81	10	<1
E146669		0.4	1.27	11	<10	420	0.5	<2	1.35	1.1	11	8	121	2.86	10	<1
E146670		0.4	1.19	14	<10	480	<0.5	2	1.27	1.1	13	8	115	2.93	<10	<1
E146671		1.3	0.82	36	<10	130	0.7	4	1.26	4.4	20	4	236	2.76	<10	<1
E146672		1.0	0.80	29	<10	210	0.5	3	0.24	1.8	9	7	88	3.65	<10	<1
E146673		0.6	0.75	17	<10	70	0.5	2	0.18	1.6	3	4	171	4.27	<10	<1
E146674		1.0	0.75	12	<10	230	<0.5	2	0.24	2.2	3	4	86	2.74	<10	<1
E146675		1.4	0.97	37	<10	250	0.7	3	0.14	1.4	3	5	542	2.34	<10	<1
E146676		3.4	0.91	62	<10	90	0.5	5	0.59	8.4	14	3	730	4.52	<10	<1
E146677		1.4	1.06	48	<10	280	1.0	3	1.45	16.7	23	3	212	4.23	<10	<1

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

Finalized Date: 14- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10184123

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
J981291		0.39	20	0.14	280	2	0.03	2	550	51	0.66	12	5	28	<20	0.01
J981292		0.28	20	0.20	653	1	0.03	1	580	22	0.85	5	5	32	<20	<0.01
J981293		0.32	20	0.32	835	3	0.03	3	640	84	1.47	12	4	41	<20	<0.01
J981294		0.40	20	0.48	820	1	0.03	1	580	115	1.54	4	5	48	<20	<0.01
J981295		0.21	20	0.33	1245	1	0.02	2	630	27	0.64	9	7	28	<20	<0.01
J981296		0.65	10	0.04	136	2	0.03	<1	420	336	2.24	73	3	55	<20	<0.01
J981297		0.02	10	11.90	187	<1	0.01	<1	210	3	<0.01	<2	<1	49	<20	<0.01
J981298		0.40	20	0.56	903	2	0.03	2	690	46	2.01	13	5	48	<20	<0.01
J981299		0.36	20	0.50	486	2	0.05	2	620	33	1.44	13	5	47	<20	0.01
E146651		0.25	20	0.64	652	8	0.08	1	630	20	0.71	2	6	62	<20	0.03
E146652		0.34	10	0.18	743	1	0.02	2	620	78	2.95	20	4	15	<20	<0.01
E146653		0.07	<10	0.17	1420	<1	0.02	11	130	>10000	>10.0	520	1	19	<20	<0.01
E146654		0.29	20	0.17	850	2	<0.01	1	650	30	0.91	5	5	15	<20	<0.01
E146655		0.49	10	0.14	522	1	0.02	<1	720	33	1.56	4	2	10	<20	<0.01
E146656		0.25	20	0.64	558	3	0.07	2	660	21	0.65	3	6	53	<20	0.02
E146657		0.29	20	0.53	649	6	0.04	2	600	27	1.18	8	5	55	<20	0.01
E146658		0.14	<10	0.08	1840	8	0.02	23	380	>10000	>10.0	164	1	110	<20	<0.01
E146659		0.48	20	0.48	711	18	0.01	2	550	90	4.07	33	3	32	<20	<0.01
E146660		0.30	30	0.33	829	1	0.02	2	620	81	1.02	34	5	24	<20	<0.01
E146661		0.41	20	0.49	1160	1	<0.01	5	580	87	1.02	22	5	42	<20	<0.01
E146662		0.35	20	0.64	1160	1	0.02	2	590	92	1.26	15	5	49	20	0.01
E146663		0.33	20	0.60	603	1	0.04	<1	570	26	0.76	3	5	58	<20	0.01
E146664		0.48	10	0.59	2060	1	<0.01	1	520	103	3.47	26	3	36	<20	<0.01
E146665		0.02	<10	12.20	189	<1	<0.01	<1	220	2	<0.01	2	<1	51	<20	<0.01
E146666		0.28	30	0.58	470	1	0.03	1	620	12	0.79	3	5	69	20	<0.01
E146667		0.33	30	0.73	687	<1	<0.01	1	590	16	0.75	5	5	65	<20	<0.01
E146668		0.23	20	0.75	437	<1	0.06	1	590	27	0.27	<2	6	65	<20	0.02
E146669		0.26	20	0.76	469	1	0.07	1	580	19	0.52	2	5	66	<20	0.01
E146670		0.25	20	0.72	470	1	0.06	1	570	23	0.70	3	5	73	<20	0.01
E146671		0.37	30	0.43	687	2	<0.01	2	540	78	1.37	35	4	48	<20	<0.01
E146672		0.55	10	0.19	628	6	<0.01	<1	530	39	1.50	7	2	9	<20	<0.01
E146673		0.52	10	0.15	726	10	<0.01	<1	410	30	1.66	4	1	8	<20	<0.01
E146674		0.55	10	0.11	578	7	<0.01	<1	500	31	1.00	3	1	11	<20	<0.01
E146675		0.54	10	0.06	212	3	<0.01	<1	530	28	1.13	7	1	7	<20	<0.01
E146676		0.58	10	0.24	1215	5	<0.01	1	590	42	2.63	9	2	15	<20	<0.01
E146677		0.46	20	0.46	2050	2	<0.01	1	570	34	1.04	12	4	41	<20	<0.01

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

Finalized Date: 14- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10184123

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	10	10	1	10	2	1	0.001	0.001
J981291		<10	<10	30	<10	466			
J981292		<10	<10	34	<10	224			
J981293		<10	<10	24	<10	353			
J981294		<10	<10	28	<10	313			
J981295		<10	<10	37	<10	310			
J981296		<10	<10	15	<10	128			
J981297		<10	<10	1	<10	14			
J981298		<10	<10	26	<10	245			
J981299		<10	<10	30	<10	169			
E146651		<10	<10	46	<10	105			
E146652		<10	<10	24	<10	291			
E146653		<10	<10	7	160	>10000	407	3.59	3.04
E146654		<10	<10	22	<10	336			
E146655		<10	<10	8	<10	163			
E146656		<10	<10	42	<10	161			
E146657		<10	<10	31	<10	160			
E146658		<10	<10	5	30	>10000	672	2.63	1.800
E146659		<10	<10	17	<10	210			
E146660		<10	<10	28	<10	302			
E146661		<10	<10	25	<10	492			
E146662		<10	<10	30	<10	237			
E146663		<10	<10	32	<10	106			
E146664		<10	10	14	<10	431			
E146665		<10	<10	<1	<10	23			
E146666		<10	<10	28	<10	68			
E146667		<10	<10	26	<10	111			
E146668		<10	<10	42	<10	82			
E146669		<10	<10	38	<10	95			
E146670		<10	<10	37	<10	102			
E146671		<10	<10	20	<10	299			
E146672		<10	<10	11	<10	202			
E146673		<10	10	7	<10	213			
E146674		<10	<10	7	<10	227			
E146675		<10	10	7	<10	221			
E146676		<10	<10	13	<10	726			
E146677		<10	<10	21	<10	1435			

ALS Canada Ltd.

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

Finalized Date: 14- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10184127

Project: KLAZA

P.O. No.: BATCH 17

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **ROCKHAVEN RESOURCES LTD.**
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Finalized Date: 14- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10184127

Sample Description	Method Analyte Units LOR	Au- AA24 Au ppm 0.005
E146678		0.034
E146679		0.040
E146680		0.032
E146681		0.032
E146682		0.024
E146683		0.058
E146684		0.098
E146685		<0.005
E146686		0.053
E146687		0.046
E146688		0.029
E146689		0.017
E146690		NSS
E146691		0.032
E146692		0.038
E146693		0.058
E146694		0.040
E146695		0.043
E146696		0.213
E146697		<0.005
E146698		0.531
E146699		NSS
E146700		0.022
E146701		0.024
E146702		0.180
E146703		0.319
E146704		<0.005
E146705		0.072
E146706		0.071
E146707		0.064
E146708		0.254
E146709		0.150
E146710		0.053
E146711		1.065
E146712		0.063
E146713		0.054

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

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 14- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10184127

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

ALS Canada Ltd.

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

Finalized Date: 15- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10185579

Project: Klaza

P.O. No.: Batch 9

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 15- DEC- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10185579

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
E147305		0.9	0.75	68	<10	250	0.5	<2	1.60	3.2	7	7	32	2.75	<10	1
E147306		1.7	0.53	221	<10	140	0.6	<2	1.99	1.2	4	4	38	2.57	<10	<1
E147307		0.4	0.94	92	<10	440	<0.5	<2	1.41	0.9	6	9	24	2.70	<10	<1
E147308		15.8	0.68	799	<10	80	0.6	5	1.78	35.2	7	4	72	3.86	<10	<1
E147309		0.6	0.73	84	<10	420	0.6	<2	2.07	1.6	6	6	19	2.75	<10	<1
E147310		0.4	1.00	11	<10	410	<0.5	<2	1.31	0.8	6	12	27	2.49	<10	<1
E147311		0.2	0.96	9	<10	530	<0.5	<2	1.22	<0.5	5	9	8	2.39	<10	<1
E147312		2.2	0.48	3020	<10	50	0.6	<2	2.14	6.2	6	4	33	3.29	<10	<1
E147313		<0.2	1.07	13	<10	400	<0.5	<2	1.36	<0.5	6	10	13	2.56	<10	<1
E147314		<0.2	1.10	12	<10	320	<0.5	<2	1.42	<0.5	6	10	12	2.58	<10	<1
E147315		<0.2	0.04	6	<10	20	<0.5	<2	20.3	<0.5	2	1	2	0.42	<10	<1
E147316		2.7	0.52	341	<10	40	0.6	2	2.16	2.2	8	3	46	3.75	<10	<1
E147317		0.9	0.99	35	<10	370	0.5	<2	1.72	3.5	7	7	37	2.96	<10	<1
E147318		0.3	1.31	56	<10	390	<0.5	<2	1.45	0.6	6	10	41	2.70	<10	<1
E147319		0.3	1.32	19	<10	350	0.6	<2	1.74	<0.5	6	7	26	2.64	10	<1
E147320		>100	0.27	9990	<10	10	<0.5	<2	1.93	286	13	13	1115	11.30	<10	2
E147321		1.1	0.98	75	<10	160	0.6	2	2.18	1.1	6	5	28	3.34	<10	<1
E147322		0.6	1.02	155	<10	500	0.7	<2	1.94	6.6	8	19	26	3.19	<10	<1
E147323		2.8	0.79	369	<10	50	<0.5	5	1.09	12.5	17	29	112	4.56	<10	<1
E147324		23.9	0.53	1770	<10	10	<0.5	50	0.88	46.3	12	4	165	11.65	<10	<1
E147325		0.6	0.63	130	<10	540	0.6	2	2.32	8.1	6	4	59	2.99	<10	<1
E147326		1.7	0.70	1135	<10	270	0.8	<2	2.51	9.9	7	4	48	3.47	<10	<1
E147327		3.0	0.65	83	<10	290	0.5	8	2.18	3.3	9	4	93	2.89	<10	<1
E147328		16.7	0.55	348	<10	20	0.5	14	1.68	22.7	7	7	280	5.59	<10	<1
E147329		>100	0.18	>10000	<10	10	<0.5	<2	0.40	322	2	8	1595	13.8	<10	1
E147330		0.8	0.71	100	<10	1250	0.8	<2	4.03	0.6	5	4	13	1.97	<10	<1
E147331		<0.2	0.74	60	<10	1150	0.9	<2	3.75	<0.5	5	3	12	2.19	<10	<1
E147332		55.1	0.48	9710	<10	10	<0.5	32	0.99	134.5	31	2	541	18.2	<10	1
E147333		<0.2	0.03	17	<10	10	<0.5	<2	19.9	<0.5	<1	<1	2	0.42	<10	<1
E147334		4.7	0.61	485	<10	280	0.6	<2	3.41	7.4	9	16	17	2.80	<10	1
E147335		1.4	0.57	176	<10	90	0.6	6	3.10	2.2	12	11	135	3.23	<10	<1
E147336		1.5	1.12	106	<10	270	0.7	<2	2.34	2.7	8	5	119	3.29	<10	<1
E147337		1.4	1.12	86	<10	340	0.7	<2	2.52	2.1	8	5	132	3.40	<10	1
E147338		9.7	0.52	509	<10	40	0.5	2	5.88	11.6	6	4	74	3.81	<10	1
E147339		1.1	1.21	200	<10	720	0.5	<2	1.30	3.2	6	8	27	2.85	<10	<1
E147340		2.3	0.84	75	<10	220	0.7	2	2.45	3.2	6	5	78	3.49	<10	1
E147341		0.4	0.81	54	<10	110	0.6	<2	2.28	0.6	8	6	60	3.13	<10	1

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

Finalized Date: 15- DEC- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10185579

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
E147305		0.26	20	0.58	1020	3	0.04	<1	540	134	0.72	3	5	85	20	0.01
E147306		0.29	20	0.54	1715	1	0.02	1	430	99	1.21	3	3	73	20	<0.01
E147307		0.31	20	0.61	944	2	0.08	<1	570	54	0.29	<2	6	72	<20	0.04
E147308		0.35	10	0.59	1405	1	0.02	<1	520	1120	2.18	5	5	69	<20	<0.01
E147309		0.26	20	0.60	1215	1	0.02	<1	620	60	0.27	<2	6	95	20	0.01
E147310		0.24	20	0.61	710	2	0.08	<1	600	57	0.07	<2	6	61	<20	0.06
E147311		0.29	20	0.56	601	1	0.09	<1	560	17	0.05	<2	6	60	20	0.08
E147312		0.28	10	0.55	1245	1	0.02	1	560	317	2.04	9	5	76	<20	<0.01
E147313		0.24	20	0.68	741	1	0.09	<1	600	18	0.10	<2	5	67	<20	0.05
E147314		0.22	20	0.69	765	1	0.07	1	610	16	0.24	<2	5	70	<20	0.04
E147315		0.02	<10	12.65	204	<1	0.02	<1	210	5	<0.01	<2	<1	48	<20	<0.01
E147316		0.35	10	0.49	1890	<1	0.02	2	530	241	2.56	3	3	50	<20	<0.01
E147317		0.36	20	0.67	993	5	0.06	<1	550	168	0.79	<2	5	73	20	0.02
E147318		0.25	20	0.74	735	2	0.08	2	610	31	0.16	<2	5	75	20	0.05
E147319		0.22	20	0.64	670	2	0.05	1	600	24	0.12	<2	6	71	20	0.01
E147320		0.14	<10	0.09	1960	10	0.02	24	410	>10000	>10.0	189	1	116	<20	<0.01
E147321		0.33	20	0.67	1100	1	0.03	1	590	61	1.18	<2	5	83	<20	<0.01
E147322		0.26	20	0.80	1130	1	0.05	8	1030	60	0.38	<2	6	79	<20	0.02
E147323		0.27	20	0.52	1495	2	0.02	15	1510	116	2.25	9	5	34	<20	<0.01
E147324		0.36	<10	0.37	530	4	0.01	1	390	450	>10.0	14	1	22	<20	<0.01
E147325		0.29	20	0.79	1305	2	0.01	3	550	32	0.49	4	6	56	<20	<0.01
E147326		0.36	20	0.82	1510	1	0.01	2	620	338	1.01	3	6	77	<20	<0.01
E147327		0.39	10	0.76	1090	<1	0.01	2	590	30	0.97	8	4	61	<20	<0.01
E147328		0.31	<10	0.56	994	13	0.01	3	460	1500	5.22	43	2	42	<20	<0.01
E147329		0.08	<10	0.17	1465	<1	0.01	12	140	>10000	>10.0	541	1	17	<20	<0.01
E147330		0.31	20	0.95	843	1	0.02	2	910	40	0.18	2	4	116	<20	<0.01
E147331		0.34	20	1.03	940	1	0.02	3	930	14	0.13	3	4	107	<20	<0.01
E147332		0.27	<10	0.35	838	96	0.01	4	350	4030	>10.0	101	1	22	<20	<0.01
E147333		0.02	<10	12.25	187	<1	0.01	<1	210	7	<0.01	<2	<1	46	<20	<0.01
E147334		0.41	10	1.08	2090	1	0.01	23	660	373	0.93	2	3	127	<20	<0.01
E147335		0.35	10	0.93	1295	2	<0.01	14	590	81	1.65	14	4	129	<20	<0.01
E147336		0.28	20	0.62	1335	1	0.01	3	650	54	1.01	5	6	73	<20	0.01
E147337		0.27	20	0.61	1440	<1	0.01	3	670	48	1.01	5	6	79	<20	0.01
E147338		0.34	10	0.87	1795	3	<0.01	2	500	1400	2.94	14	3	117	<20	<0.01
E147339		0.23	20	0.55	727	1	0.03	3	640	142	0.34	<2	8	51	<20	0.03
E147340		0.31	20	0.67	1245	1	0.01	3	640	110	1.33	4	7	86	<20	<0.01
E147341		0.29	20	0.55	851	1	0.03	2	620	16	1.04	<2	5	114	<20	0.01

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

Finalized Date: 15- DEC- 2010
Account: ROCKHA

Project: Klaza

CERTIFICATE OF ANALYSIS WH10185579

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	10	10	1	10	2	1	0.001	0.001
E147305		<10	<10	30	<10	256			
E147306		<10	<10	13	<10	125			
E147307		<10	<10	40	<10	118			
E147308		<10	<10	21	<10	2550			
E147309		<10	<10	32	<10	213			
E147310		<10	<10	46	<10	85			
E147311		<10	<10	46	<10	56			
E147312		<10	<10	17	<10	536			
E147313		<10	<10	47	<10	87			
E147314		<10	<10	43	<10	63			
E147315		<10	<10	1	<10	15			
E147316		<10	<10	12	<10	266			
E147317		<10	<10	35	<10	310			
E147318		<10	<10	48	<10	102			
E147319		<10	<10	40	<10	68			
E147320		<10	<10	5	30	>10000	671	2.59	1.800
E147321		<10	<10	26	<10	174			
E147322		<10	<10	41	<10	420			
E147323		<10	<10	34	<10	953			
E147324		<10	<10	8	<10	1935			
E147325		<10	<10	26	<10	659			
E147326		<10	<10	21	<10	731			
E147327		<10	<10	18	<10	205			
E147328		<10	<10	9	<10	1685			
E147329		<10	<10	7	160	>10000	421	3.48	3.06
E147330		<10	<10	16	<10	156			
E147331		<10	<10	17	<10	114			
E147332		<10	<10	7	20	9100			
E147333		<10	<10	2	<10	28			
E147334		<10	<10	20	<10	752			
E147335		<10	10	22	<10	306			
E147336		<10	<10	31	<10	382			
E147337		<10	<10	33	<10	339			
E147338		<10	10	14	<10	1155			
E147339		<10	<10	44	<10	327			
E147340		<10	<10	32	<10	354			
E147341		<10	<10	29	<10	107			

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

Finalized Date: 17- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10187145

Project: KLAZA

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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CERTIFICATE OF ANALYSIS WH10187145

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
E147464		<0.2	0.99	8	<10	220	<0.5	<2	1.62	<0.5	6	11	10	2.70	<10	<1
E147465		8.6	0.86	116	<10	270	<0.5	<2	1.78	26.9	6	8	31	2.84	<10	<1
E147466		0.4	0.78	20	<10	250	0.5	<2	1.97	<0.5	4	7	6	2.70	<10	<1
E147467		11.1	0.45	245	<10	220	0.7	2	2.83	25.3	7	5	76	3.05	<10	<1
E147468		0.2	0.99	9	<10	320	0.5	<2	1.56	<0.5	6	10	11	2.66	<10	<1
E147469		0.3	0.95	12	<10	160	<0.5	<2	1.36	0.5	5	11	8	2.55	<10	<1
E147470		0.2	0.03	<2	<10	10	<0.5	<2	18.5	<0.5	1	<1	1	0.40	<10	<1
E147471		0.4	0.81	16	<10	600	0.6	<2	1.81	<0.5	6	9	6	2.94	<10	<1
E147472		<0.2	0.69	19	<10	370	0.6	<2	1.60	<0.5	6	6	9	2.68	<10	<1
E147473		1.4	0.61	37	<10	1260	0.7	<2	2.37	4.4	7	5	18	2.54	<10	<1
E147474		0.5	0.55	4	<10	930	0.9	<2	3.22	<0.5	5	3	1	2.09	<10	<1
E147475		0.3	0.62	11	<10	1110	1.0	<2	3.05	<0.5	5	5	3	2.13	<10	<1
E147476		>100	0.27	9160	<10	20	<0.5	2	1.97	266	14	12	1030	11.45	<10	2
E147477		0.5	0.74	29	<10	1750	1.0	<2	2.21	1.1	6	4	5	2.32	<10	<1
E147478		0.5	0.73	40	<10	480	0.7	<2	2.49	0.5	7	6	11	2.84	<10	<1
E147479		13.4	0.37	201	<10	50	<0.5	7	2.54	18.5	6	2	130	3.85	<10	1
E147480		4.1	0.47	64	<10	280	0.5	4	3.16	1.6	5	3	6	2.30	<10	<1
E147481		4.3	0.50	145	<10	260	0.7	<2	2.32	16.6	5	3	39	2.95	<10	1
E147482		<0.2	0.04	<2	<10	10	<0.5	<2	20.0	<0.5	<1	<1	2	0.40	<10	<1
E147483		0.5	0.57	36	<10	380	0.9	<2	2.70	0.6	6	3	9	2.26	<10	<1
E147484		0.8	0.55	48	<10	580	1.0	<2	2.63	0.8	6	3	9	2.35	<10	<1
E147485		0.6	0.68	13	<10	600	0.5	<2	2.15	2.2	7	6	8	2.71	<10	<1
E147486		0.2	0.74	18	<10	750	0.5	<2	2.09	0.7	6	9	9	2.74	<10	<1
E147487		>100	0.18	>10000	<10	20	<0.5	<2	0.39	334	2	10	1755	13.35	<10	1
E147488		0.4	0.73	21	<10	420	0.5	<2	1.56	2.2	6	7	16	2.62	<10	<1
E147489		1.4	0.70	71	<10	470	0.9	<2	2.23	2.5	7	4	20	2.36	<10	<1
E147490		0.8	0.65	56	<10	370	0.8	<2	2.33	<0.5	6	4	26	2.30	<10	<1
E147491		1.6	1.15	34	<10	610	0.9	<2	2.48	2.9	5	4	17	2.42	<10	<1
E147492		11.1	0.60	855	<10	220	0.7	2	2.45	28.2	6	4	97	2.87	<10	<1
E147493		0.5	0.60	49	<10	730	0.6	<2	2.25	<0.5	5	5	13	2.58	<10	<1
E147494		3.9	0.57	78	<10	510	0.6	<2	2.34	2.6	8	5	23	2.78	<10	<1
E147495		91.3	0.48	402	<10	260	0.9	<2	2.70	54.2	5	6	193	2.31	<10	<1
E147496		3.5	0.58	339	<10	180	1.0	<2	2.64	2.5	5	8	19	2.20	<10	<1
E147497		57.8	0.46	2980	<10	80	1.0	<2	2.18	80.0	6	9	263	2.74	<10	<1
E147498		1.7	0.54	71	<10	330	1.0	<2	2.82	3.5	5	7	10	1.95	<10	<1
E147499		28.1	0.59	253	<10	90	1.1	<2	2.58	20.5	5	11	145	2.17	<10	1

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

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 17- DEC- 2010
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Project: KLAZA

CERTIFICATE OF ANALYSIS WH10187145

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
E147464		0.16	20	0.73	549	1	0.07	2	590	8	0.06	<2	6	67	<20	0.03
E147465		0.25	20	0.63	827	1	0.06	1	550	383	0.55	<2	5	86	<20	0.02
E147466		0.25	20	0.63	764	1	0.04	<1	590	12	0.19	<2	6	86	<20	0.01
E147467		0.27	20	0.90	1415	1	0.02	2	560	1300	1.32	3	4	136	<20	<0.01
E147468		0.20	20	0.57	538	1	0.07	2	580	17	0.05	<2	6	70	<20	0.05
E147469		0.15	20	0.61	469	1	0.07	2	580	55	0.09	<2	6	56	<20	0.03
E147470		0.02	10	11.50	183	<1	0.01	2	190	2	<0.01	<2	<1	48	<20	<0.01
E147471		0.17	30	0.59	631	1	0.03	2	610	12	0.15	<2	8	72	<20	0.01
E147472		0.18	30	0.59	617	1	0.02	<1	590	8	0.06	<2	8	85	<20	0.01
E147473		0.25	20	0.84	758	1	0.02	1	560	292	0.28	<2	6	140	<20	<0.01
E147474		0.28	20	0.95	563	<1	0.02	2	670	13	0.03	<2	4	329	<20	<0.01
E147475		0.32	20	0.89	520	<1	0.03	3	750	16	0.05	<2	4	292	<20	0.01
E147476		0.15	10	0.09	1845	10	0.01	21	380	>10000	>10.0	188	1	111	<20	<0.01
E147477		0.33	10	0.75	673	<1	0.02	3	730	83	0.24	<2	5	162	<20	<0.01
E147478		0.26	20	0.79	941	2	0.04	2	610	32	0.31	<2	7	137	<20	<0.01
E147479		0.30	10	0.63	2110	2	0.01	2	570	1480	3.38	5	3	87	<20	<0.01
E147480		0.32	20	0.93	2090	3	0.01	2	550	104	1.08	<2	3	105	<20	<0.01
E147481		0.33	20	0.75	1450	2	0.01	2	600	416	1.51	<2	4	110	<20	<0.01
E147482		0.02	<10	12.25	195	<1	0.01	<1	250	3	<0.01	<2	<1	49	<20	<0.01
E147483		0.32	10	0.87	658	1	0.01	3	570	26	0.33	<2	4	199	<20	<0.01
E147484		0.30	10	0.88	631	1	0.01	3	500	58	0.27	<2	4	189	<20	<0.01
E147485		0.20	20	0.85	642	1	0.04	2	590	67	0.22	<2	7	134	<20	0.01
E147486		0.22	20	0.79	658	<1	0.06	2	620	20	0.07	<2	8	142	<20	0.01
E147487		0.07	<10	0.17	1450	1	0.02	13	140	>10000	>10.0	625	1	20	<20	<0.01
E147488		0.18	20	0.64	575	2	0.06	5	590	92	0.12	2	7	116	<20	0.02
E147489		0.29	20	0.47	995	1	0.03	2	590	131	0.55	<2	6	170	<20	<0.01
E147490		0.30	20	0.46	1205	1	0.03	3	570	28	0.22	<2	5	164	<20	<0.01
E147491		0.24	20	0.61	398	2	0.03	2	740	121	0.24	<2	5	344	<20	<0.01
E147492		0.31	20	0.63	876	2	0.02	3	560	1085	1.09	8	6	179	<20	<0.01
E147493		0.28	20	0.62	723	1	0.05	2	570	23	0.11	<2	7	168	<20	0.01
E147494		0.24	20	0.67	861	1	0.04	3	590	210	0.63	<2	6	176	<20	0.01
E147495		0.23	10	0.63	721	1	0.02	10	370	>10000	1.24	72	4	222	<20	<0.01
E147496		0.28	10	0.79	1125	1	0.02	9	400	208	0.92	3	4	205	<20	<0.01
E147497		0.23	10	0.55	829	3	0.01	18	370	7440	2.09	57	4	202	<20	<0.01
E147498		0.29	10	0.71	572	1	0.02	8	630	232	0.34	<2	5	294	<20	<0.01
E147499		0.28	10	0.84	509	2	0.02	14	500	2830	0.63	30	5	170	<20	<0.01

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

Finalized Date: 17- DEC- 2010
Account: ROCKHA

Project: KLAZA

CERTIFICATE OF ANALYSIS WH10187145

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	10	10	1	10	2	1	0.001	0.001
E147464		<10	<10	45	<10	38			
E147465		<10	<10	37	<10	1460			
E147466		<10	<10	37	<10	51			
E147467		<10	<10	20	<10	1705			
E147468		<10	<10	45	<10	49			
E147469		<10	<10	46	<10	50			
E147470		<10	<10	1	<10	14			
E147471		<10	<10	40	<10	46			
E147472		<10	<10	35	<10	42			
E147473		<10	<10	27	<10	459			
E147474		<10	<10	32	<10	44			
E147475		<10	<10	28	<10	53			
E147476		<10	<10	5	30	>10000	726	2.66	1.830
E147477		<10	<10	25	<10	123			
E147478		<10	<10	35	<10	64			
E147479		<10	<10	11	<10	1530			
E147480		<10	<10	10	<10	132			
E147481		<10	<10	16	<10	1085			
E147482		<10	<10	1	<10	19			
E147483		<10	<10	28	<10	84			
E147484		<10	<10	30	<10	101			
E147485		<10	<10	36	<10	156			0.006
E147486		<10	<10	39	<10	69			
E147487		<10	<10	7	150	>10000	425	3.52	3.09
E147488		<10	<10	37	<10	174			
E147489		<10	<10	17	<10	177			
E147490		<10	<10	18	<10	55			
E147491		<10	<10	24	<10	259			
E147492		<10	10	17	<10	1910			
E147493		<10	<10	27	<10	56			
E147494		<10	<10	27	<10	212			
E147495		<10	<10	19	<10	5060			1.460
E147496		<10	<10	20	<10	255			
E147497		<10	<10	18	<10	5000			
E147498		<10	<10	23	<10	277			
E147499		<10	<10	24	<10	1330			

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

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

Finalized Date: 27- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10188550

Project: KLAZA BATCH 20

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 27- DEC- 2010
Account: ROCKHA

Project: KLAZA BATCH 20

CERTIFICATE OF ANALYSIS WH10188550

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E146785		10.56	<0.005	<0.2	1.16	8	<10	190	<0.5	2	0.98	<0.5	6	9	13	2.44
E146786		9.26	0.013	<0.2	1.15	31	<10	230	<0.5	<2	1.41	<0.5	6	9	11	2.57
E146787		8.89	0.019	<0.2	1.18	40	<10	140	0.5	2	2.02	<0.5	6	7	13	2.59
E146788		8.03	0.009	<0.2	1.25	17	<10	270	<0.5	<2	1.48	0.7	6	9	8	2.63
E146789		8.14	0.006	<0.2	1.18	14	<10	300	<0.5	<2	1.61	0.8	8	8	7	2.65
E146790		3.74	0.051	0.7	0.94	54	<10	930	0.6	<2	2.43	4.4	5	5	10	2.23
E146791		4.05	<0.005	<0.2	0.06	<2	<10	30	<0.5	3	20.4	<0.5	<1	1	<1	0.39
E146792		3.07	0.041	0.3	0.97	138	<10	640	0.6	<2	2.05	0.6	9	5	3	2.64
E146793		2.40	0.154	1.1	0.83	116	<10	90	0.5	<2	1.78	2.8	10	20	20	3.02
E146794		4.96	0.005	<0.2	1.07	17	<10	200	0.5	2	1.76	<0.5	5	7	9	2.40
E146795		6.52	0.022	<0.2	0.88	23	<10	240	0.5	2	2.14	1.3	15	6	6	2.77
E146796		2.06	4.88	21.3	0.48	>10000	<10	30	0.5	17	1.19	121.0	12	3	205	5.30
E146797		2.56	0.009	<0.2	0.04	80	<10	20	<0.5	<2	20.4	<0.5	1	<1	<1	0.38
E146798		3.12	2.87	21.6	0.48	5280	<10	80	0.7	5	2.10	111.5	5	3	202	3.24
E146799		3.81	0.255	3.5	0.51	645	<10	60	0.7	2	1.78	24.0	5	2	45	4.19
E146800		2.67	0.119	4.6	0.53	418	<10	50	0.7	2	2.95	5.5	6	2	16	4.50
J980850		4.25	0.013	<0.2	0.61	63	<10	330	0.8	<2	2.13	<0.5	3	3	3	2.64
J980851		7.33	0.206	2.0	0.47	1065	<10	50	0.5	<2	2.16	6.6	9	2	15	3.24
J980852		3.57	4.12	7.8	0.44	>10000	<10	20	<0.5	4	0.98	18.9	70	2	23	7.16
J980853		10.85	0.383	5.7	0.53	486	<10	50	0.5	5	1.17	6.6	13	4	24	4.43
J980854		0.07	3.34	>100	0.18	>10000	<10	10	<0.5	<2	0.39	348	1	10	1775	13.8
J980855		9.93	0.039	0.9	0.64	342	<10	130	0.6	<2	2.85	5.4	6	4	17	2.84
J980856		9.50	0.005	<0.2	0.59	22	<10	790	0.7	<2	2.68	<0.5	4	3	4	1.87
J980857		11.08	0.008	<0.2	0.80	20	<10	1540	0.9	<2	3.82	0.8	4	3	7	2.01
J980858		3.27	1.410	19.5	0.50	2450	<10	30	0.5	6	1.79	229	6	2	148	4.05
J980859		2.97	0.071	0.6	0.52	55	<10	50	0.6	3	2.24	2.6	6	2	6	2.99
J980860		9.06	0.035	0.8	0.66	29	<10	50	0.7	<2	2.50	1.2	6	2	5	2.71
J980861		0.12	0.493	>100	0.28	9670	<10	10	<0.5	<2	2.00	284	14	12	1050	11.85
J980862		8.38	0.047	2.5	0.62	55	<10	20	0.5	<2	1.95	3.3	8	2	6	3.70
J980863		3.72	0.091	3.7	0.68	143	<10	40	0.7	3	1.97	3.3	14	3	18	2.96
J980864		3.83	0.027	0.6	0.73	16	<10	360	1.0	<2	2.36	<0.5	6	4	5	2.37
J980865		2.82	0.124	2.1	0.64	328	<10	60	0.8	2	2.17	12.2	8	2	40	3.02
J980866		3.33	0.200	3.7	0.60	241	<10	40	0.7	2	2.30	16.1	6	1	30	2.97
J980867		2.82	0.059	2.1	0.65	69	<10	50	0.8	<2	2.03	20.3	6	2	13	2.88
J980868		10.95	0.012	0.3	0.66	25	<10	800	0.9	<2	3.62	<0.5	7	3	5	2.51
J980869		3.61	0.014	0.3	0.72	17	<10	560	0.9	<2	3.57	1.0	6	3	8	2.50

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 27- DEC- 2010
Account: ROCKHA

Project: KLAZA BATCH 20

CERTIFICATE OF ANALYSIS WH10188550

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E146785		10	<1	0.12	10	0.72	497	<1	0.09	3	550	8	0.11	<2	5	37
E146786		10	<1	0.16	10	0.64	526	<1	0.08	2	580	9	0.15	<2	5	50
E146787		<10	<1	0.18	20	0.63	578	1	0.07	2	580	16	0.19	<2	6	72
E146788		<10	<1	0.16	10	0.63	494	<1	0.09	2	600	38	0.11	<2	5	100
E146789		10	<1	0.17	20	0.66	548	1	0.08	3	610	37	0.21	<2	7	92
E146790		<10	1	0.26	20	0.49	621	<1	0.05	3	570	194	0.38	<2	6	85
E146791		<10	<1	0.03	10	12.00	189	<1	0.03	5	310	<2	<0.01	<2	<1	56
E146792		<10	<1	0.23	20	0.55	538	<1	0.05	3	590	44	0.47	<2	6	72
E146793		<10	<1	0.30	20	0.46	889	1	0.04	7	560	167	1.66	<2	4	53
E146794		<10	1	0.22	20	0.61	563	<1	0.06	2	570	10	0.21	<2	5	82
E146795		<10	<1	0.24	20	0.56	645	1	0.06	3	570	57	1.18	<2	6	71
E146796		<10	1	0.33	10	0.40	3130	2	0.02	2	450	4060	4.54	30	2	27
E146797		<10	1	0.02	10	12.05	185	<1	0.03	5	250	4	<0.01	<2	<1	49
E146798		<10	1	0.32	10	0.71	1300	13	0.02	3	410	3930	2.05	27	4	50
E146799		<10	<1	0.32	10	0.66	1970	2	0.02	2	460	641	2.34	6	4	42
E146800		<10	<1	0.32	10	0.87	2550	2	0.02	1	450	1540	2.07	9	5	85
J980850		<10	<1	0.32	20	0.70	901	<1	0.02	3	590	19	0.58	<2	6	82
J980851		<10	<1	0.32	10	0.59	1340	<1	0.03	2	470	425	2.87	6	3	60
J980852		<10	1	0.34	<10	0.31	615	<1	0.02	2	380	708	8.7	29	1	23
J980853		<10	<1	0.34	10	0.38	1060	<1	0.02	1	470	855	3.77	<2	3	35
J980854		<10	1	0.07	<10	0.17	1510	1	0.03	11	140	>10000	>10.0	609	1	20
J980855		<10	<1	0.28	20	0.70	852	<1	0.02	2	520	145	1.76	<2	6	108
J980856		<10	<1	0.27	10	0.69	499	3	0.03	2	720	25	0.19	<2	3	241
J980857		<10	1	0.33	20	0.72	509	<1	0.03	4	760	26	0.13	<2	3	362
J980858		<10	1	0.30	10	0.51	990	12	0.03	2	510	5780	4.24	22	3	83
J980859		<10	<1	0.33	20	0.63	1010	1	0.03	2	560	87	2.46	<2	4	80
J980860		<10	<1	0.30	20	0.76	642	<1	0.01	2	580	68	1.79	3	5	104
J980861		<10	2	0.14	<10	0.10	1935	8	0.01	25	410	>10000	>10.0	183	1	118
J980862		<10	<1	0.34	10	0.56	1055	1	0.01	1	580	203	3.40	3	4	60
J980863		<10	<1	0.31	10	0.62	970	4	0.01	3	510	322	1.96	7	3	102
J980864		<10	<1	0.32	10	0.83	817	<1	0.01	1	430	27	0.40	2	5	274
J980865		<10	<1	0.33	10	0.74	1035	3	0.01	1	460	198	1.63	8	4	138
J980866		<10	<1	0.33	20	0.64	3140	2	0.01	1	500	528	2.13	8	4	93
J980867		<10	<1	0.31	10	0.70	2270	5	0.01	1	490	265	1.52	5	3	107
J980868		<10	<1	0.30	10	1.19	777	<1	0.01	2	540	14	0.20	3	4	234
J980869		<10	<1	0.31	10	1.19	843	<1	0.01	2	570	17	0.16	3	4	237

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

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

Finalized Date: 27- DEC- 2010
Account: ROCKHA

Project: KLAZA BATCH 20

CERTIFICATE OF ANALYSIS WH10188550

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
E146785		<20	0.10	<10	<10	49	<10	38			
E146786		<20	0.08	<10	<10	51	<10	36			
E146787		<20	0.02	<10	<10	42	<10	41			
E146788		<20	0.05	<10	<10	49	<10	78			
E146789		<20	0.02	<10	<10	47	<10	90			
E146790		<20	<0.01	<10	<10	29	<10	379			
E146791		<20	<0.01	<10	<10	1	<10	16			
E146792		<20	<0.01	<10	10	30	<10	70			
E146793		<20	0.01	<10	<10	28	<10	228			
E146794		<20	0.02	<10	<10	38	<10	37			
E146795		<20	<0.01	<10	<10	32	<10	125			
E146796		<20	<0.01	<10	<10	8	<10	7800			
E146797		<20	<0.01	<10	<10	<1	<10	52			
E146798		<20	<0.01	<10	<10	14	<10	6990			
E146799		<20	<0.01	<10	<10	12	<10	1630			
E146800		<20	<0.01	<10	<10	12	<10	409			
J980850		<20	<0.01	<10	<10	21	<10	50			
J980851		<20	<0.01	<10	<10	8	<10	612			
J980852		<20	<0.01	<10	<10	5	<10	1365			
J980853		<20	<0.01	<10	<10	12	<10	451			
J980854		<20	<0.01	<10	<10	7	150	>10000	418	3.58	3.01
J980855		<20	<0.01	<10	<10	18	<10	692			
J980856		<20	<0.01	<10	<10	18	<10	96			
J980857		<20	<0.01	<10	<10	20	<10	97			
J980858		<20	<0.01	<10	<10	11	<10	>10000		1.350	
J980859		<20	<0.01	<10	<10	13	<10	262			
J980860		<20	<0.01	<10	<10	18	<10	126			
J980861		<20	<0.01	<10	<10	5	20	>10000	682	2.65	1.815
J980862		<20	<0.01	<10	<10	9	<10	277			
J980863		<20	<0.01	<10	<10	15	<10	289			
J980864		<20	<0.01	<10	<10	18	<10	65			
J980865		<20	<0.01	<10	10	15	<10	1080			
J980866		<20	<0.01	<10	<10	8	<10	1180			
J980867		<20	<0.01	<10	<10	13	<10	1380			
J980868		<20	<0.01	<10	<10	30	<10	69			
J980869		<20	<0.01	<10	<10	30	<10	95			

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

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C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- DEC- 2010
Account: ROCKHA

CERTIFICATE WH10188551

Project: KLAZA BATCH 21

P.O. No.:

This report is for 34 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 28- DEC- 2010
Account: ROCKHA

Project: KLAZA BATCH 21

CERTIFICATE OF ANALYSIS WH10188551

Sample Description	Method	WEI- 21	Au- AA24	Au- GRA22	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
J980870		6.56	0.011		<0.2	0.70	42	10	1000	0.5	<2	3.02	<0.5	6	3	5
J980871		6.31	0.012		<0.2	0.83	12	10	590	0.8	<2	2.54	1.3	6	4	10
J980872		2.93	8.78		>100	0.47	>10000	<10	10	<0.5	153	0.88	710	7	<1	4870
J980873		6.15	0.060		2.4	0.87	195	<10	60	0.7	4	2.15	7.9	7	4	64
J980874		3.05	0.175		4.2	0.63	211	<10	60	0.6	<2	1.68	23.0	7	3	60
J980875		7.20	0.008		<0.2	1.06	5	<10	90	<0.5	<2	1.54	<0.5	7	7	10
J980876		4.65	0.006		<0.2	1.10	9	<10	440	<0.5	2	1.40	<0.5	6	7	14
J980877		3.89	0.038		1.2	0.77	77	<10	40	0.6	2	2.10	6.6	6	4	10
J980878		3.64	<0.005		<0.2	0.04	<2	<10	20	<0.5	<2	19.8	<0.5	1	<1	2
J980879		3.02	<0.005		<0.2	1.16	<2	<10	710	<0.5	<2	1.53	<0.5	7	7	6
J980880		2.27	0.334		5.2	0.57	630	<10	70	0.7	3	1.06	20.3	6	2	41
J980881		2.99	0.203		7.2	0.60	237	<10	30	0.6	3	1.66	54.7	7	2	57
J980882		2.79	0.412		6.3	0.60	339	<10	20	0.6	4	1.50	3.5	7	2	391
J980883		2.72	0.975		3.1	0.61	949	<10	30	0.5	2	1.13	20.6	6	2	55
J980884		6.39	0.009		0.3	0.76	20	<10	30	0.5	<2	1.72	1.1	7	2	6
J980885		2.47	0.046		2.5	0.86	45	<10	10	0.5	6	1.69	10.1	12	1	19
J980886		0.12	0.485		>100	0.27	9370	<10	10	0.5	<2	2.09	284	13	11	1040
J980887		3.33	1.615		6.9	0.78	171	<10	10	0.5	8	2.15	3.5	19	<1	37
J980888		10.58	0.029		0.3	0.82	38	<10	40	0.7	2	2.73	1.6	8	3	9
J980889		6.51	0.079		1.7	1.04	163	<10	110	0.7	2	2.63	8.8	7	4	41
J980890		5.67	0.106		<0.2	1.03	20	<10	390	0.6	<2	2.12	0.5	6	5	33
J980891		3.19	0.137		1.1	0.71	86	<10	90	0.9	<2	2.36	1.1	5	4	61
J980892		2.02	<0.005		<0.2	0.02	7	<10	10	<0.5	<2	19.1	<0.5	1	1	1
J980893		3.12	3.81		19.8	0.64	8730	<10	30	0.7	2	2.20	43.7	5	2	102
J980894		9.79	0.050		0.6	1.16	62	<10	560	0.5	<2	1.67	3.5	6	7	19
J980895		2.74	0.105		1.3	0.76	238	<10	80	0.8	<2	6.54	4.9	6	3	8
J980896		6.09	0.274		1.0	0.96	1010	<10	80	0.8	<2	2.22	9.2	8	4	6
J980897		0.07	3.36		>100	0.18	>10000	<10	10	<0.5	<2	0.44	347	2	7	1635
J980898		4.20	>10.0	12.90	>100	0.43	>10000	<10	10	<0.5	<2	0.53	136.5	8	2	1290
J980899		9.66	0.008		<0.2	1.34	12	<10	160	0.9	2	2.84	<0.5	9	4	5
J980900		5.24	0.013		0.4	0.87	30	<10	460	0.9	<2	3.21	0.8	9	2	6
J980901		6.54	0.025		<0.2	1.25	14	<10	470	0.7	<2	2.89	<0.5	8	3	13
J980902		2.78	0.011		0.2	1.36	12	<10	640	0.8	<2	2.73	<0.5	7	3	38
J980903		3.65	0.092		2.1	0.85	158	<10	240	0.6	2	2.60	6.5	6	2	57

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

Finalized Date: 28- DEC- 2010
Account: ROCKHA

Project: KLAZA BATCH 21

CERTIFICATE OF ANALYSIS WH10188551

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
J980870		2.49	<10	<1	0.20	10	1.04	770	1	0.01	2	310	13	0.25	3	4
J980871		2.40	<10	<1	0.24	10	0.89	794	1	0.01	3	360	27	0.20	3	4
J980872		13.40	<10	1	0.26	<10	0.26	934	1	<0.01	<1	270	>10000	>10.0	211	1
J980873		3.51	<10	<1	0.32	20	0.72	1145	1	0.02	1	550	376	1.54	6	5
J980874		3.27	<10	<1	0.27	10	0.54	989	1	0.01	1	460	846	1.94	7	5
J980875		2.86	<10	<1	0.27	20	0.73	731	1	0.08	1	560	13	0.95	<2	6
J980876		2.76	<10	<1	0.24	20	0.75	614	1	0.09	3	570	16	0.50	<2	6
J980877		3.38	<10	<1	0.35	10	0.54	1090	6	0.01	1	520	518	1.94	4	5
J980878		0.40	<10	<1	<0.01	<10	12.25	191	<1	<0.01	<1	220	2	<0.01	<2	<1
J980879		2.83	<10	<1	0.21	20	0.71	619	4	0.07	1	580	10	0.42	5	7
J980880		2.77	<10	<1	0.30	10	0.35	1045	7	<0.01	1	410	846	2.03	16	3
J980881		4.29	<10	<1	0.35	10	0.47	1625	1	<0.01	1	520	2110	3.72	12	4
J980882		5.80	<10	<1	0.34	10	0.44	915	1	<0.01	1	500	295	5.34	33	3
J980883		3.43	<10	<1	0.35	10	0.34	1195	1	<0.01	<1	480	376	3.08	11	3
J980884		3.27	<10	<1	0.32	10	0.61	843	<1	<0.01	2	600	64	2.63	4	3
J980885		5.45	<10	<1	0.43	10	0.68	762	<1	0.01	1	650	263	6.1	2	2
J980886		12.20	<10	1	0.13	<10	0.09	1960	9	0.01	24	390	>10000	>10.0	187	1
J980887		8.05	<10	<1	0.37	<10	0.80	586	2	0.01	<1	580	843	9.1	18	3
J980888		2.97	<10	<1	0.28	10	0.64	1145	1	0.01	1	570	118	2.01	5	7
J980889		2.82	<10	<1	0.24	20	0.64	775	<1	0.01	<1	590	230	1.39	5	6
J980890		3.14	<10	<1	0.31	20	0.63	832	1	0.05	<1	560	26	0.66	3	6
J980891		2.64	<10	<1	0.30	20	0.63	892	1	<0.01	4	570	82	1.22	5	5
J980892		0.40	<10	<1	<0.01	<10	11.80	197	<1	<0.01	<1	190	3	<0.01	<2	<1
J980893		3.63	<10	<1	0.28	10	0.55	1355	5	<0.01	2	530	3960	2.57	31	5
J980894		2.79	<10	<1	0.28	20	0.67	719	1	0.07	<1	580	155	0.52	3	6
J980895		2.67	<10	<1	0.26	20	0.54	2030	2	0.01	<1	490	79	1.33	14	6
J980896		3.43	<10	<1	0.38	20	0.60	1720	<1	0.02	1	570	351	1.47	5	5
J980897		14.4	<10	1	0.06	<10	0.19	1560	<1	<0.01	12	140	>10000	>10.0	596	1
J980898		6.44	<10	1	0.27	10	0.14	489	40	<0.01	2	350	8830	6.6	546	1
J980899		2.94	<10	<1	0.30	20	0.66	942	<1	0.03	3	620	14	1.04	<2	7
J980900		2.43	<10	<1	0.21	20	0.48	1120	<1	<0.01	2	520	37	0.67	2	6
J980901		2.65	10	1	0.27	20	0.58	767	2	<0.01	1	660	17	0.23	2	8
J980902		2.89	<10	<1	0.26	20	0.62	786	6	<0.01	<1	560	12	0.47	<2	7
J980903		3.37	<10	1	0.31	20	0.58	1020	1	<0.01	1	550	389	1.09	3	6

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 28- DEC- 2010
Account: ROCKHA

Project: KLAZA BATCH 21

CERTIFICATE OF ANALYSIS WH10188551

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	20	0.01	10	10	1	10	2	1	0.001	0.001
J980870		152	<20	<0.01	<10	<10	33	<10	55			
J980871		143	<20	<0.01	<10	10	33	<10	125			
J980872		21	<20	<0.01	<10	10	7	30	>10000	182	4.28	1.880
J980873		102	<20	<0.01	<10	<10	25	<10	655			
J980874		74	<20	<0.01	<10	10	19	<10	1960			
J980875		123	<20	0.02	<10	10	35	<10	58			
J980876		115	<20	0.04	<10	<10	44	<10	57			
J980877		99	<20	<0.01	<10	<10	22	<10	474			
J980878		48	<20	<0.01	<10	<10	<1	<10	14			
J980879		112	<20	0.02	<10	<10	42	<10	44			
J980880		47	<20	<0.01	<10	10	14	<10	1400			
J980881		51	<20	<0.01	<10	<10	12	<10	3670			
J980882		54	<20	<0.01	<10	<10	14	<10	289			
J980883		49	<20	<0.01	<10	10	6	<10	1340			
J980884		67	<20	<0.01	<10	<10	13	<10	103			
J980885		68	<20	<0.01	<10	10	3	<10	740			
J980886		113	<20	<0.01	<10	10	4	40	>10000	702	2.69	1.860
J980887		71	<20	<0.01	<10	10	8	<10	352			
J980888		111	<20	<0.01	<10	<10	21	<10	141			
J980889		130	<20	<0.01	<10	<10	25	<10	587			
J980890		127	<20	0.02	<10	<10	35	<10	66			
J980891		277	<20	<0.01	<10	<10	18	<10	113			
J980892		46	<20	<0.01	<10	<10	<1	<10	15			
J980893		163	<20	<0.01	<10	<10	13	<10	2750			
J980894		108	<20	0.03	<10	<10	41	<10	263			
J980895		284	<20	<0.01	<10	<10	21	<10	384			
J980896		107	<20	0.01	<10	<10	22	<10	642			
J980897		19	<20	<0.01	<10	<10	6	170	>10000	429	3.45	3.03
J980898		32	<20	<0.01	<10	20	3	<10	9320	181		
J980899		152	20	<0.01	<10	<10	29	<10	45			
J980900		137	<20	<0.01	<10	10	26	<10	112			
J980901		140	<20	0.03	<10	<10	39	<10	58			
J980902		154	<20	0.02	<10	<10	36	<10	48			
J980903		119	<20	0.01	<10	<10	23	<10	683			

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VANCOUVER BC V6B 1L8

Finalized Date: 5- JAN- 2011
Account: ROCKHA

CERTIFICATE WH10191141

Project: KLAZA BATCH 22

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 23	Pulp Login - Rcvd with Barcode
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PUL- QC	Pulverizing QC Test
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ANALYTICAL PROCEDURES

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Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5- JAN- 2011
Account: ROCKHA

Project: KLAZA BATCH 22

CERTIFICATE OF ANALYSIS WH10191141

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J980904		6.18	0.169	1.0	0.71	39	<10	100	0.7	2	1.47	3.1	9	4	107	3.52
J980905		9.51	0.029	0.2	0.93	11	<10	290	<0.5	<2	1.35	1.2	8	7	55	3.20
J980906		9.54	0.057	1.2	0.93	14	<10	350	<0.5	3	1.27	1.0	7	7	98	3.14
J980907		4.49	0.014	<0.2	1.09	4	<10	450	<0.5	<2	1.22	1.3	7	10	53	2.90
J980908		10.17	0.013	0.3	0.98	7	<10	370	<0.5	<2	1.34	1.7	7	8	55	3.02
J980909		9.15	0.021	0.9	1.10	7	<10	530	<0.5	<2	1.23	1.2	6	9	377	2.93
J980910		8.19	0.034	<0.2	0.97	19	<10	220	0.5	2	1.43	1.0	8	5	45	2.80
J980911		2.86	0.072	0.3	0.65	36	<10	100	0.7	2	1.43	13.0	6	3	140	2.92
J980912		7.44	0.011	<0.2	1.08	6	<10	590	<0.5	<2	1.28	0.5	6	8	33	2.88
J980913		8.89	0.018	<0.2	1.11	9	<10	210	<0.5	<2	1.71	0.8	6	7	46	2.95
J980914		8.54	0.021	<0.2	0.82	15	<10	70	<0.5	<2	1.73	1.0	7	5	49	2.75
J980915		0.07	3.39	>100	0.18	>10000	<10	<10	<0.5	<2	0.43	346	2	8	1645	14.4
J980916		10.29	0.023	0.2	1.00	11	<10	50	<0.5	<2	1.43	0.9	13	5	27	3.47
J980917		9.78	0.033	0.3	0.99	31	<10	120	<0.5	<2	1.65	0.8	6	7	72	3.19
J980918		8.94	0.049	0.2	0.64	42	<10	290	0.6	<2	2.43	2.8	7	3	27	2.73
J980919		10.85	0.083	0.2	0.89	24	<10	140	0.5	<2	1.71	1.1	7	5	81	3.22
J980920		11.77	0.087	0.8	0.59	52	<10	30	0.6	2	2.06	4.6	7	4	134	4.01
J980921		7.61	0.115	1.1	0.57	60	<10	10	0.5	3	1.59	3.3	7	3	228	4.47
J980922		4.04	0.232	41.8	0.63	289	<10	<10	0.6	129	0.74	7.1	15	2	1525	5.63
J980923		2.65	<0.005	<0.2	0.05	3	<10	10	<0.5	<2	20.0	<0.5	1	3	5	0.42
J980924		8.33	0.086	0.7	0.61	88	<10	50	0.8	2	1.84	7.2	8	3	183	3.45
J980925		7.05	0.066	0.7	0.64	72	<10	130	0.7	2	1.71	4.9	8	3	124	3.53
J980926		3.67	0.383	1.8	0.45	145	<10	40	<0.5	6	1.61	5.3	5	3	356	4.12
J980927		3.21	0.737	3.3	0.45	157	<10	<10	<0.5	4	1.82	5.8	6	2	195	5.36
J980928		5.43	0.041	0.4	0.53	42	<10	60	0.6	2	2.38	1.2	11	3	40	3.25
J980929		0.12	0.493	>100	0.26	9390	<10	<10	<0.5	<2	2.05	283	13	12	1030	11.75
J980930		11.16	0.051	0.3	0.77	11	<10	470	0.5	<2	1.74	0.6	6	4	26	2.76
J980931		10.06	0.020	0.2	0.75	11	<10	530	0.5	<2	1.81	0.5	6	5	18	2.57
J980932		9.52	0.018	0.3	0.75	15	<10	90	0.6	<2	1.81	<0.5	6	4	30	2.80
J980933		2.57	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	19.9	<0.5	1	1	1	0.39
J980934		2.96	0.011	0.4	0.53	11	<10	110	0.5	2	2.11	1.1	5	2	20	2.97
J980935		3.83	0.047	2.3	0.48	91	<10	<10	<0.5	6	1.11	6.7	13	1	18	7.78
J980936		2.87	0.040	11.4	0.51	69	<10	30	0.5	3	1.12	22.4	6	2	91	4.39
J980937		7.74	0.029	1.1	0.51	55	<10	50	0.6	<2	2.22	2.3	8	3	117	3.36
J980938		10.36	0.083	1.2	0.51	55	<10	10	<0.5	3	1.68	3.6	13	2	91	4.68
J980939		10.55	0.363	2.2	0.53	87	<10	10	<0.5	4	1.41	5.1	14	3	206	4.20

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C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- JAN- 2011
Account: ROCKHA

Project: KLAZA BATCH 22

CERTIFICATE OF ANALYSIS WH10191141

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J980904		<10	<1	0.31	20	0.39	742	1	0.02	2	640	76	1.16	9	5	96
J980905		<10	<1	0.24	20	0.66	426	<1	0.06	1	630	20	0.76	<2	6	77
J980906		<10	<1	0.22	20	0.60	387	<1	0.05	<1	580	28	0.69	<2	5	67
J980907		<10	<1	0.17	20	0.73	349	<1	0.08	1	600	39	0.29	<2	5	59
J980908		<10	<1	0.21	20	0.69	399	<1	0.06	<1	570	38	0.59	<2	5	63
J980909		10	<1	0.21	20	0.69	364	<1	0.07	<1	580	20	0.46	<2	5	61
J980910		<10	<1	0.23	20	0.63	301	<1	0.05	<1	560	10	0.76	<2	5	65
J980911		<10	<1	0.31	20	0.47	575	<1	0.02	<1	520	47	1.29	2	4	60
J980912		<10	<1	0.21	20	0.73	304	<1	0.07	<1	590	9	0.35	<2	5	63
J980913		<10	<1	0.24	20	0.78	350	<1	0.07	<1	570	19	0.77	<2	5	73
J980914		<10	<1	0.26	20	0.69	348	<1	0.04	<1	560	24	0.97	<2	5	83
J980915		<10	1	0.08	<10	0.18	1555	<1	<0.01	10	150	>10000	>10.0	539	1	19
J980916		<10	1	0.26	20	0.64	361	1	0.05	1	560	15	1.51	<2	4	112
J980917		<10	<1	0.24	20	0.78	346	<1	0.06	<1	580	42	0.97	<2	5	86
J980918		<10	<1	0.26	20	0.78	608	<1	0.01	<1	550	20	0.68	<2	5	85
J980919		<10	<1	0.27	20	0.64	415	<1	0.04	<1	600	19	1.12	<2	5	78
J980920		<10	<1	0.33	10	0.64	582	<1	0.02	1	550	110	2.82	<2	4	56
J980921		<10	<1	0.35	10	0.53	549	2	0.01	<1	490	60	3.74	2	3	46
J980922		<10	1	0.35	10	0.30	488	11	0.01	1	410	278	5.00	102	2	32
J980923		<10	<1	0.02	<10	12.10	190	<1	0.02	<1	220	2	<0.01	<2	<1	55
J980924		<10	<1	0.32	20	0.61	957	<1	0.01	1	600	62	1.76	4	4	52
J980925		<10	<1	0.34	20	0.59	908	<1	0.01	<1	590	88	1.74	3	4	52
J980926		<10	1	0.34	10	0.52	856	<1	0.01	<1	520	178	3.68	6	2	57
J980927		<10	<1	0.33	10	0.67	1235	<1	0.01	<1	470	534	5.8	13	2	35
J980928		<10	<1	0.30	10	0.78	625	<1	0.01	<1	550	41	1.79	<2	4	80
J980929		<10	2	0.14	<10	0.09	1915	8	0.01	22	400	>10000	>10.0	160	1	118
J980930		<10	<1	0.25	20	0.64	374	1	0.05	2	550	16	0.33	2	6	67
J980931		<10	<1	0.24	20	0.64	315	<1	0.04	<1	550	18	0.36	<2	6	76
J980932		<10	<1	0.25	20	0.55	420	<1	0.03	<1	580	25	1.12	2	4	54
J980933		<10	<1	0.03	<10	12.00	176	<1	0.01	<1	250	<2	<0.01	<2	<1	49
J980934		<10	<1	0.27	20	0.73	754	<1	0.01	<1	580	60	1.04	<2	4	42
J980935		<10	<1	0.34	10	0.43	430	<1	0.01	1	400	139	8.4	<2	1	20
J980936		<10	<1	0.36	10	0.45	658	<1	0.01	<1	590	3460	3.28	7	3	28
J980937		<10	<1	0.30	10	0.75	841	<1	0.01	<1	560	75	1.54	16	4	62
J980938		<10	<1	0.36	10	0.59	644	<1	0.01	<1	520	124	3.75	8	3	47
J980939		<10	<1	0.35	10	0.56	509	1	0.01	<1	570	113	3.49	13	3	58

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Finalized Date: 5- JAN- 2011
Account: ROCKHA

Project: KLAZA BATCH 22

CERTIFICATE OF ANALYSIS WH10191141

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
J980904		<20	<0.01	<10	<10	23	<10	216			
J980905		<20	0.01	<10	<10	36	<10	119			
J980906		<20	0.01	<10	<10	33	<10	113			
J980907		<20	0.06	<10	<10	48	<10	115			
J980908		<20	0.03	<10	<10	41	<10	148			
J980909		<20	0.05	<10	<10	45	<10	113			
J980910		<20	0.01	<10	<10	30	<10	92			
J980911		<20	<0.01	<10	<10	19	<10	577			
J980912		20	0.03	<10	<10	44	<10	58			
J980913		<20	0.01	<10	<10	37	<10	82			
J980914		<20	<0.01	<10	<10	27	<10	82			
J980915		<20	<0.01	<10	<10	7	170	>10000	420	3.57	3.16
J980916		<20	0.01	<10	<10	34	<10	92			
J980917		<20	0.01	<10	<10	35	<10	94			
J980918		<20	<0.01	<10	<10	25	<10	186			
J980919		<20	0.01	<10	<10	30	<10	102			
J980920		<20	<0.01	<10	<10	17	<10	318			
J980921		<20	<0.01	<10	<10	13	<10	181			
J980922		<20	<0.01	<10	<10	7	<10	497			
J980923		<20	<0.01	<10	<10	<1	<10	16			
J980924		<20	<0.01	<10	<10	16	<10	389			
J980925		<20	<0.01	<10	<10	20	<10	346			
J980926		<20	<0.01	<10	<10	9	<10	446			
J980927		<20	<0.01	<10	<10	6	<10	494			
J980928		<20	<0.01	<10	<10	16	<10	117			
J980929		<20	<0.01	<10	<10	5	30	>10000	690	2.67	1.890
J980930		<20	0.01	<10	<10	33	<10	80			
J980931		<20	0.01	<10	<10	29	<10	64			
J980932		<20	<0.01	<10	<10	23	<10	79			
J980933		<20	<0.01	<10	<10	<1	<10	13			
J980934		<20	<0.01	<10	<10	21	<10	125			
J980935		<20	<0.01	<10	<10	8	<10	394			
J980936		<20	<0.01	<10	<10	16	<10	1550			
J980937		<20	<0.01	<10	<10	18	<10	247			
J980938		<20	<0.01	<10	<10	12	<10	327			
J980939		<20	<0.01	<10	<10	13	<10	329			

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- JAN- 2011
Account: ROCKHA

CERTIFICATE WH10191142

Project: KLAZA BATCH 23

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21- DEC- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KLAZA BATCH 23

CERTIFICATE OF ANALYSIS WH10191142

Sample Description	Method	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J980940		10.60	0.051	2.0	0.40	91	<10	40	0.6	<2	2.46	4.7	16	4	212	3.45
J980941		9.69	0.033	3.2	0.68	89	<10	20	0.6	3	1.90	9.1	38	4	204	4.91
J980942		3.50	0.463	>100	0.37	665	<10	20	<0.5	179	1.06	46.0	36	3	3860	8.08
J980943		7.42	0.037	2.5	0.92	93	<10	30	0.6	<2	1.83	7.8	16	6	182	4.16
J980944		3.05	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	20.0	<0.5	<1	1	3	0.40
J980945		10.22	0.036	1.0	1.02	51	<10	90	0.6	<2	1.88	2.2	9	7	90	3.54
J980946		10.58	0.123	1.5	0.56	47	<10	40	<0.5	2	1.45	3.8	12	5	70	4.60
J980947		11.91	0.014	0.4	0.75	11	<10	30	0.7	<2	2.24	1.2	19	5	25	2.78
J980948		11.39	0.023	0.4	0.77	23	<10	40	0.7	<2	2.46	1.1	15	5	36	2.68
J980949		7.30	0.046	1.4	0.82	62	<10	150	0.8	<2	2.18	2.0	5	5	54	3.27
J980950		2.86	0.150	5.7	0.41	160	<10	30	0.7	2	2.88	9.4	5	4	147	3.75
J980951		7.74	0.012	0.6	0.66	15	<10	30	0.7	<2	2.51	1.8	7	6	34	2.72
J980952		3.65	0.038	2.3	0.41	72	<10	20	<0.5	3	1.38	3.4	9	4	164	3.51
J980953		3.78	1.845	28.0	0.55	348	<10	10	0.6	12	4.93	186.0	12	4	590	6.36
J980954		0.07	3.36	>100	0.20	>10000	<10	10	<0.5	<2	0.45	364	2	10	1775	15.1
J980955		4.87	0.007	0.4	0.45	15	<10	960	0.8	<2	2.98	<0.5	5	<1	11	2.06
J980956		10.64	0.146	0.5	0.66	52	<10	330	0.9	<2	3.61	<0.5	6	3	11	2.05
J980957		3.08	0.674	8.5	0.33	267	<10	10	0.5	3	4.86	53.4	9	3	249	5.94
J980958		6.91	0.037	0.8	0.62	43	<10	20	0.6	<2	1.83	10.0	9	4	63	3.78
J980959		9.89	0.021	0.3	0.43	18	<10	70	0.7	<2	2.91	1.8	9	3	32	3.09
J980960		8.66	0.019	0.5	0.67	19	<10	20	0.6	<2	2.21	5.0	25	3	16	4.12
J980961		2.04	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	19.7	<0.5	<1	1	2	0.41
J980962		10.08	0.013	0.3	0.70	30	<10	320	0.9	<2	3.24	0.9	4	2	5	2.57
J980963		9.45	0.015	0.3	0.44	25	<10	290	0.7	<2	2.62	1.8	6	1	15	2.47
J980964		6.65	0.012	0.3	0.91	19	<10	430	0.7	<2	2.42	0.7	7	5	13	2.91
J980965		3.24	0.012	0.3	0.39	20	<10	220	0.7	<2	2.62	0.6	5	2	10	2.25
J980966		0.12	0.518	>100	0.28	9820	<10	10	<0.5	<2	2.06	284	13	13	1080	11.80
J980967		8.13	0.020	0.5	0.69	23	<10	330	0.6	<2	2.27	0.5	8	4	36	2.80
J980968		10.41	0.097	2.4	0.42	91	<10	110	0.6	<2	2.63	5.8	5	2	57	2.96
J980969		1.65	0.478	12.6	0.62	254	<10	20	0.5	17	2.61	22.2	7	2	250	4.40
J980970		1.70	0.028	0.4	0.43	95	<10	420	0.7	<2	2.73	0.6	6	3	14	1.98
J980971		5.52	0.041	1.9	0.67	79	<10	280	0.7	2	2.95	1.0	6	3	59	2.68
J980972		5.61	0.023	0.6	0.44	47	<10	410	0.5	<2	1.56	<0.5	5	1	5	2.62
J980973		5.98	0.030	1.4	0.56	51	<10	400	0.5	<2	1.52	1.1	5	2	12	2.67
J980974		7.31	0.012	0.3	0.47	24	<10	520	0.7	<2	3.64	0.9	4	1	5	2.34
J980975		2.63	0.015	0.2	0.73	32	<10	690	0.8	<2	3.50	1.0	4	1	5	2.37

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CERTIFICATE OF ANALYSIS WH10191142

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J980940		<10	<1	0.27	20	0.85	610	1	0.02	4	600	204	1.92	6	4	71
J980941		<10	<1	0.42	10	0.66	615	3	0.03	2	560	291	4.52	<2	3	53
J980942		<10	1	0.29	<10	0.37	746	3	0.03	2	540	1990	9.1	35	1	25
J980943		<10	<1	0.46	20	0.69	727	1	0.05	2	630	255	2.86	<2	4	69
J980944		<10	<1	0.02	<10	12.40	193	<1	0.03	1	230	2	<0.01	<2	<1	49
J980945		<10	<1	0.38	20	0.72	800	1	0.06	2	600	129	1.71	<2	5	76
J980946		<10	<1	0.31	10	0.57	467	2	0.04	2	590	131	3.74	<2	3	51
J980947		<10	<1	0.35	10	0.65	541	5	0.05	3	540	60	2.02	<2	3	183
J980948		<10	<1	0.25	20	0.72	455	1	0.05	2	580	33	1.52	<2	4	161
J980949		<10	<1	0.41	20	0.67	834	1	0.03	2	590	73	1.25	<2	4	92
J980950		<10	<1	0.30	10	0.85	2670	1	0.03	3	540	3020	3.08	2	3	100
J980951		<10	<1	0.42	20	0.66	628	2	0.03	2	590	60	1.77	<2	3	118
J980952		<10	<1	0.29	10	0.43	665	11	0.02	2	520	118	3.47	2	1	40
J980953		<10	<1	0.31	10	1.68	9160	2	0.03	4	490	5330	6.6	3	3	96
J980954		<10	<1	0.09	<10	0.19	1650	1	0.03	15	150	>10000	>10.0	580	1	20
J980955		<10	<1	0.28	10	0.92	1080	1	0.02	3	1090	13	0.24	<2	3	110
J980956		<10	<1	0.39	20	1.06	1200	1	0.03	4	1110	16	0.42	<2	3	151
J980957		<10	<1	0.22	10	1.84	5790	1	0.02	3	720	1150	6.2	9	2	96
J980958		<10	<1	0.39	20	0.57	1250	1	0.02	3	560	130	2.88	<2	2	70
J980959		<10	<1	0.26	20	0.91	591	<1	0.03	2	630	53	1.94	<2	3	166
J980960		<10	<1	0.42	10	0.71	660	1	0.02	3	590	148	3.59	<2	3	108
J980961		<10	<1	0.03	<10	12.35	189	<1	0.03	1	240	2	<0.01	<2	<1	48
J980962		<10	<1	0.33	20	0.87	978	1	0.03	2	830	20	0.40	<2	4	203
J980963		<10	<1	0.23	20	0.75	793	3	0.03	2	770	34	0.66	<2	4	146
J980964		<10	<1	0.29	20	0.75	488	2	0.04	2	590	31	0.48	<2	5	140
J980965		<10	<1	0.25	20	0.76	486	1	0.03	1	550	14	0.53	<2	4	127
J980966		<10	1	0.15	<10	0.09	1965	10	0.03	27	400	>10000	>10.0	156	1	118
J980967		<10	<1	0.26	20	0.63	605	1	0.02	3	570	22	0.66	<2	5	111
J980968		<10	<1	0.21	10	0.81	1535	2	0.03	3	740	141	1.11	<2	3	108
J980969		<10	<1	0.41	10	0.85	2300	2	0.03	3	610	1010	4.10	5	2	86
J980970		<10	<1	0.28	10	0.79	983	1	0.03	5	1150	15	0.63	<2	3	114
J980971		<10	<1	0.39	20	0.93	814	2	0.03	2	760	47	0.73	<2	4	162
J980972		<10	<1	0.19	10	0.63	719	2	0.03	2	880	25	0.39	<2	3	78
J980973		<10	<1	0.22	10	0.56	945	3	0.04	2	850	43	0.54	<2	3	93
J980974		<10	<1	0.24	20	0.84	946	1	0.03	2	910	31	0.20	<2	3	244
J980975		<10	<1	0.36	20	0.81	1010	1	0.03	2	910	43	0.26	<2	4	231

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 5- JAN- 2011
Account: ROCKHA

Project: KLAZA BATCH 23

CERTIFICATE OF ANALYSIS WH10191142

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46	Pb- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Zn	Pb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
J980940		<20	<0.01	<10	<10	22	<10	387			
J980941		<20	<0.01	<10	<10	15	<10	712			
J980942		<20	<0.01	<10	<10	7	<10	3170	99		
J980943		<20	<0.01	<10	<10	25	<10	598			
J980944		<20	<0.01	<10	10	1	<10	14			
J980945		<20	<0.01	<10	<10	31	<10	267			
J980946		<20	<0.01	<10	<10	17	<10	330			
J980947		<20	<0.01	<10	<10	15	<10	125			
J980948		<20	<0.01	<10	<10	17	<10	121			
J980949		<20	<0.01	<10	<10	22	<10	217			
J980950		<20	<0.01	<10	<10	9	<10	677			
J980951		<20	<0.01	<10	<10	13	<10	185			
J980952		<20	<0.01	<10	<10	6	<10	238			
J980953		<20	<0.01	<10	<10	10	<10	>10000		1.410	
J980954		<20	<0.01	<10	<10	8	170	>10000	402	3.47	3.08
J980955		<20	<0.01	<10	<10	12	<10	73			
J980956		<20	<0.01	<10	<10	13	<10	60			
J980957		<20	<0.01	<10	<10	6	<10	3470			
J980958		<20	<0.01	<10	<10	11	<10	787			
J980959		<20	<0.01	<10	<10	13	<10	163			
J980960		<20	<0.01	<10	<10	12	<10	423			
J980961		<20	<0.01	<10	10	1	<10	14			
J980962		<20	<0.01	<10	<10	14	<10	206			
J980963		<20	<0.01	<10	<10	13	<10	257			
J980964		<20	<0.01	<10	<10	27	<10	94			
J980965		<20	<0.01	<10	<10	17	<10	144			
J980966		<20	<0.01	<10	<10	6	20	>10000	783	3.05	2.18
J980967		<20	<0.01	<10	<10	22	<10	169			
J980968		<20	<0.01	<10	<10	11	<10	522			
J980969		<20	<0.01	<10	<10	9	<10	1830			
J980970		<20	<0.01	<10	<10	9	<10	63			
J980971		<20	<0.01	<10	<10	14	<10	104			
J980972		<20	<0.01	<10	<10	9	<10	71			
J980973		<20	<0.01	<10	<10	10	<10	185			
J980974		<20	<0.01	<10	<10	13	<10	131			
J980975		<20	<0.01	<10	<10	15	<10	143			

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- JAN- 2011
Account: ROCKHA

CERTIFICATE WH11002756

Project: KLAZA BATCH 23

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6- JAN- 2011.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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Finalized Date: 15- JAN- 2011
Account: ROCKHA

Project: KLAZA BATCH 23

CERTIFICATE OF ANALYSIS WH11002756

Sample Description	Method	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J980940		0.050	1.9	0.35	84	<10	70	0.5	2	2.24	4.1	16	4	195	3.25	<10
J980941		0.031	2.9	0.58	82	<10	20	0.5	4	1.74	8.1	36	4	184	4.72	<10
J980942		0.453	99.2	0.31	569	<10	20	<0.5	165	0.98	41.0	34	2	3470	7.87	<10
J980943		0.034	2.3	0.77	86	<10	40	0.5	3	1.65	6.7	15	5	176	3.88	<10
J980944		<0.005	<0.2	0.03	6	<10	10	<0.5	<2	18.4	<0.5	2	1	4	0.39	<10
J980945		0.035	1.2	0.88	89	<10	130	0.5	2	1.76	2.1	9	6	80	3.33	<10
J980946		0.254	1.6	0.50	45	<10	40	<0.5	3	1.40	3.3	13	4	66	4.64	<10
J980947		0.016	0.4	0.70	12	<10	40	0.6	2	2.16	1.1	19	4	24	2.80	<10
J980948		0.024	0.7	0.68	24	<10	50	0.6	<2	2.28	0.9	15	4	33	2.59	<10
J980949		0.076	1.6	0.73	57	<10	190	0.8	2	2.04	1.8	6	4	50	3.21	<10
J980950		0.155	5.1	0.35	141	<10	50	0.6	3	2.71	8.3	6	2	134	3.60	<10
J980951		0.011	0.7	0.55	15	<10	40	0.6	2	2.30	1.4	8	4	30	2.60	<10
J980952		0.044	2.3	0.35	72	<10	30	<0.5	4	1.29	3.0	10	3	154	3.42	<10
J980953		2.25	25.0	0.48	303	<10	10	0.5	12	4.41	166.5	13	2	534	6.23	<10
J980954		NSS	>100	0.17	>10000	<10	10	<0.5	2	0.41	316	3	8	1580	14.00	<10
J980955		0.007	0.5	0.38	12	<10	820	0.7	<2	2.89	<0.5	5	2	11	1.99	<10
J980956		0.151	0.6	0.58	54	<10	660	0.8	<2	3.45	<0.5	7	3	10	2.05	<10
J980957		0.621	8.0	0.30	235	<10	10	<0.5	6	4.36	47.7	9	1	227	5.82	<10
J980958		0.052	1.0	0.56	44	<10	30	0.6	2	1.74	8.9	10	3	59	3.74	<10
J980959		0.020	0.5	0.38	20	<10	80	0.6	2	2.68	1.5	10	2	28	2.95	<10
J980960		0.016	0.7	0.58	21	<10	30	0.5	2	2.07	4.4	25	3	14	4.02	<10
J980961		<0.005	0.2	0.03	<2	<10	10	<0.5	<2	18.6	<0.5	2	1	1	0.40	<10
J980962		0.012	0.6	0.61	33	<10	290	0.8	<2	3.12	0.7	5	1	5	2.58	<10
J980963		0.014	0.4	0.39	26	<10	280	0.6	<2	2.51	1.7	7	1	14	2.48	<10
J980964		0.008	0.6	0.78	31	<10	560	0.6	<2	2.27	0.6	7	4	12	2.84	<10
J980965		0.014	0.4	0.35	22	<10	200	0.6	<2	2.49	0.5	6	2	8	2.24	<10
J980966		0.502	>100	0.25	8630	<10	10	<0.5	2	1.94	258	14	12	991	11.75	<10
J980967		0.020	0.4	0.63	26	<10	310	0.6	<2	2.27	<0.5	7	3	35	2.75	<10
J980968		0.143	3.2	0.37	81	<10	170	0.5	2	2.45	5.3	6	1	50	2.87	<10
J980969		0.522	11.1	0.55	229	<10	20	<0.5	17	2.39	19.1	7	2	224	4.25	<10
J980970		0.028	0.7	0.38	83	<10	370	0.6	<2	2.50	<0.5	10	28	28	1.94	<10
J980971		0.032	2.1	0.60	72	<10	330	0.6	4	2.77	0.8	7	4	51	2.64	<10
J980972		0.022	0.8	0.41	46	<10	640	0.5	<2	1.49	<0.5	6	1	5	2.64	<10
J980973		0.034	1.5	0.50	48	<10	470	<0.5	<2	1.43	0.9	6	1	10	2.64	<10
J980974		0.009	0.3	0.41	26	<10	470	0.6	<2	3.30	0.7	5	1	4	2.23	<10
J980975		0.013	0.5	0.63	36	<10	630	0.7	<2	3.25	0.9	5	1	4	2.31	<10

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

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North Vancouver BC V7H 0A7
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To: **ROCKHAVEN RESOURCES LTD.**
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- JAN- 2011
Account: ROCKHA

Project: KLAZA BATCH 23

CERTIFICATE OF ANALYSIS WH11002756

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
J980940		<1	0.25	20	0.78	542	1	<0.01	6	540	174	1.80	10	4	66	<20
J980941		<1	0.39	10	0.60	559	3	<0.01	1	510	268	4.17	4	3	49	<20
J980942		1	0.26	<10	0.34	684	3	<0.01	3	490	1830	8.5	43	1	24	<20
J980943		<1	0.41	10	0.62	648	2	0.02	2	560	232	2.59	4	4	62	<20
J980944		<1	0.02	10	11.45	181	<1	<0.01	1	210	7	<0.01	<2	<1	47	<20
J980945		<1	0.34	20	0.68	725	1	0.04	1	540	140	1.59	2	4	70	<20
J980946		1	0.29	10	0.55	445	2	0.02	2	560	125	3.60	<2	3	49	<20
J980947		1	0.34	10	0.63	512	6	0.03	2	510	58	1.92	<2	3	174	<20
J980948		<1	0.24	20	0.66	414	2	0.03	1	520	33	1.41	<2	3	146	<20
J980949		<1	0.39	20	0.63	766	1	0.01	1	540	71	1.20	2	4	86	<20
J980950		<1	0.28	20	0.79	2460	2	0.01	2	500	2820	2.85	7	3	93	<20
J980951		<1	0.38	20	0.60	565	3	0.01	2	530	55	1.64	<2	3	108	<20
J980952		<1	0.27	10	0.41	620	11	<0.01	1	480	112	3.24	7	1	38	<20
J980953		1	0.28	10	1.56	8450	2	0.01	2	460	4880	6.2	8	2	89	<20
J980954		1	0.07	<10	0.17	1430	1	<0.01	11	130	>10000	>10.0	556	1	19	<20
J980955		<1	0.25	10	0.89	1050	1	0.02	2	1090	14	0.24	<2	3	109	<20
J980956		<1	0.37	20	1.02	1130	2	0.01	3	1040	17	0.42	<2	3	143	<20
J980957		<1	0.22	10	1.73	5360	2	0.01	2	660	1040	5.9	13	2	90	<20
J980958		1	0.37	20	0.54	1170	1	0.01	2	520	125	2.73	2	2	66	<20
J980959		<1	0.24	20	0.84	533	1	<0.01	2	580	51	1.77	<2	3	153	<20
J980960		<1	0.39	10	0.66	607	1	0.01	2	540	136	3.32	<2	2	101	<20
J980961		<1	0.02	10	11.65	179	<1	0.01	1	220	4	<0.01	<2	<1	46	<20
J980962		<1	0.30	20	0.84	918	1	0.01	2	770	20	0.39	<2	3	190	<20
J980963		<1	0.23	20	0.72	745	2	0.01	2	710	34	0.63	<2	3	134	<20
J980964		<1	0.27	20	0.70	451	2	0.02	2	540	36	0.46	<2	5	129	<20
J980965		<1	0.23	20	0.73	457	1	0.01	2	510	16	0.52	<2	4	120	<20
J980966		2	0.14	<10	0.09	1820	9	0.01	23	370	>10000	>10.0	168	1	108	<20
J980967		<1	0.24	20	0.62	599	<1	0.01	1	570	19	0.65	<2	5	113	<20
J980968		<1	0.20	10	0.75	1390	2	0.01	2	680	133	1.03	<2	3	99	<20
J980969		<1	0.38	10	0.78	2060	2	<0.01	2	540	925	3.72	11	2	78	<20
J980970		<1	0.25	10	0.72	887	2	0.01	12	1040	15	0.59	<2	3	103	<20
J980971		<1	0.36	20	0.88	755	2	0.01	3	700	45	0.71	2	4	150	<20
J980972		<1	0.18	10	0.61	676	2	0.01	1	830	24	0.39	<2	3	75	<20
J980973		1	0.21	10	0.53	870	3	0.02	2	780	42	0.52	<2	2	87	<20
J980974		<1	0.22	20	0.76	838	1	0.01	2	810	32	0.19	<2	3	218	<20
J980975		<1	0.33	20	0.76	923	1	0.01	2	840	40	0.25	<2	3	213	<20

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

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North Vancouver BC V7H 0A7
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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 15- JAN- 2011
Account: ROCKHA

Project: KLAZA BATCH 23

CERTIFICATE OF ANALYSIS WH11002756

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Ag- OG46 Ag ppm 1	Zn- OG46 Zn % 0.001	Pb- OG46 Pb % 0.001
J980940		<0.01	<10	<10	20	<10	341			
J980941		<0.01	<10	<10	12	<10	623			
J980942		<0.01	<10	<10	6	10	2920			
J980943		<0.01	<10	<10	21	<10	525			
J980944		<0.01	<10	<10	1	<10	18			
J980945		<0.01	<10	<10	27	<10	250			
J980946		<0.01	<10	<10	15	<10	299			
J980947		<0.01	<10	<10	14	<10	120			
J980948		<0.01	<10	<10	15	<10	110			
J980949		<0.01	<10	<10	19	<10	199			
J980950		<0.01	<10	<10	9	<10	597			
J980951		<0.01	<10	<10	11	<10	163			
J980952		<0.01	<10	<10	6	<10	213			
J980953		<0.01	<10	<10	9	<10	>10000		1.335	
J980954		<0.01	<10	<10	7	150	>10000	403	3.60	3.10
J980955		<0.01	<10	<10	11	<10	73			
J980956		<0.01	<10	<10	12	<10	59			
J980957		<0.01	<10	<10	5	10	3210			
J980958		<0.01	<10	<10	9	<10	719			
J980959		<0.01	<10	<10	12	<10	149			
J980960		<0.01	<10	<10	10	<10	381			
J980961		<0.01	<10	<10	1	<10	17			
J980962		<0.01	<10	<10	12	<10	185			
J980963		<0.01	<10	<10	12	<10	236			
J980964		<0.01	<10	<10	24	<10	94			
J980965		<0.01	<10	<10	16	<10	132			
J980966		<0.01	<10	<10	5	30	>10000	716	2.79	1.905
J980967		<0.01	<10	<10	20	<10	164			
J980968		<0.01	<10	<10	10	<10	469			
J980969		<0.01	<10	<10	8	<10	1575			
J980970		0.01	<10	<10	14	<10	56			
J980971		<0.01	<10	<10	12	<10	92			
J980972		<0.01	<10	<10	9	<10	72			
J980973		<0.01	<10	<10	9	<10	165			
J980974		<0.01	<10	<10	11	<10	118			
J980975		<0.01	<10	<10	13	<10	129			

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

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

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

Project: KLAZA BATCH 23

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 15- JAN- 2011
Account: ROCKHA

CERTIFICATE OF ANALYSIS WH11002756

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

APPENDIX V

GEOLOGICAL AND GEOTECHNICAL LOGS

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382952	6890448	1333	76.50

ZONE: FW of Klaza Zone

SECTION:

HOLE: KL-10-01

CLAIM: YD09218

Contractor: Top Rank

Drill:

Core size: NTW (76.50/EOH)

Casing depth: 3.05 (m) in / **out**

Drilling dates: July 26 - 28 2010

Geology logged by: C. Chung

TARGET: TR-10-09

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	40	-50.0	compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.05	3.05	OB	Overburden
3.05	9.39	6.34	GRD	Medium-coarse grained granodiorite
9.39	11.00	1.61	FEL	Felsic dyke
11.00	54.10	43.10	GRD	Granodiorite hosting local areas of argillic and
				phyllic alteration and quartz veinlets. Trace galena
				and pyrite noted @ 41.00m in brecciated zone.
54.10	58.26	4.16	MAF	Mafic dyke
58.26	76.50	18.24	GRD	Granodiorite with very weak potassic and phyllic
				alteration overprint.
				EOH @ 76.50 m

SAMPLES

Numbers: J982488 - J982499, J980000 - J980031

Total: 38

Batch: 3 (30 samples only), 4 (8)

Date Sent:

Certificate: WH10143142, WH10143143

COMMENTS

GEOLOGY LOG

HOLE: KL-10-01

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
0.00	3.05	3.05				CAS																					Casing/Overburden; No recovery.
3.05	9.39	6.34				GRD	GY		tw	tw		m	pot	tw	FX	20-35		2									Granodiorite; Fairly unaltered medium-coarse grained granodiorite. Large patchy zones of strong oxidation with localized zones of clay and phyllic alteration. Moderately fractured, slightly blocky core rock, especially in zones of strong oxidation. Two main orientation sets noted.
															FX	70-80		4									
								BX							VT	45-60	1.5	1				Qz	70	Cb	10		Low veining density, appears to be associated with phyllic altered zones. The thicker light tan-grey type appears to have a a weakly brecciated texture and is made up of quartz ± carbonate. Narrow fracture fill veinlets also present, often moderate-strongly oxidized.
													ser?		VT	40	0.2	3									
																			tw	t	t	Mg	tw	Cp?	t		Trace-weak sulphides. Fine disseminated pyrite specks were noted along with trace arsenopyrite and possible chalcopyrite in narrow stringers. Magnetite present in unoxidized zones.
			3.60	7.14	3.54		OR-BN			f		s										Mg	n	Li	m		Strongly weathered and weak-moderately clay altered interval. Localized zones of intense weathering and weak brecciation with limonite on fracture surfaces and clay matrix.
9.39	11.00	1.61				FEL	BN-BF	PO	w			s			FX	15-20		4						Li	ms		Felsic Dyke; Moderate-strongly oxidized felsic dyke. Oxidation mainly follows fracture planes. Weakly porphyritic with feldspar (+ quartz?) phenocrysts (<0.5cm) appearing to be weakly deformed. Moderately fractured with zones of shattered core (related to low angle fractures). Limonite noted on fracture surfaces.
															FX	70-80		3									
															VT	30-40	0.5	2						Cb	x		Low-moderate veining. Wispy white carbonate veinlets and sulphide bearing bands (up to 0.5cm) present.
															VT	60	<0.5	1	ms								
																			tw	tw		Gn	t				Trace-weak sulphides, generally occurring in or around veinlets as small-medium sized blebs. A pyrite an galena band is present at the upper contact (approx 1cm wide).
11.00	17.85	6.85				GRD	OR-GY		w	w	tw	s	pot	t	FX	45		5									Granodiorite; Strongly oxidized, moderately altered granodiorite. Weak-moderately clay altered with weak-moderate phyllic overprint. Localized patches also appear to be weakly potassic altered and silicified. Low-moderate fracturing with zones of blocky core rock and zones of brecciation with weak clay matrix.
															VT	50	0.3	1									Moderate veining density, mainly appearing to be carbonate fracture fill, often with large oxidized halos.
															VT	65	0.1	1									-One unoxidized veinlet noted with diffused silicified envelopes.
								EN	m	f							7.0										
																			t					Li	t		Trace sulphides, weak limonite noted on some fracture surfaces.
			12.69	13.11	0.42			BX		ms		l															Rubble - strongly brecciated zone (mineral grains and clay).
			15.54				BN			s		l															Strongly weathered brown-orange clay interval.
17.85	23.26	5.41				GRD	GY-PK		tw			w	pot	tw	FX	50-60		5									Granodiorite; Weakly altered coarse grained granodiorite. Weakly potassic altered with a very weak phyllic overprint. Fairly competent core rock with moderate fracturing. Lower angled fracture zones tend to result in shattered core. Fractures tend to have a weak-moderate oxidation envelope. Approx 20% blocky core rock.
															VT	50	0.3	1				Qz	x	Se	tw		Low veining, weakly altered quartz veinlets and wispy carbonate veinlets are present. One carbonate veinlets noted having an alteration envelope.
															VT	65	0.1	1				Cb					
								EN	m	f							7.0										
																			tw			Mg	tw	Li	t		Trace sulphides, possibly limonite. Magnetite throughout matrix.
23.26	33.10	9.84				GRD	LT-GN		f	w	f	w			FX	40-60		5									Granodiorite; Pale grey-green altered coarse grained granodiorite. Moderate clay alteration, phyllic overprinted and weak-moderately silicified. Weak-moderately oxidized with brown envelopes, mainly occurring around fractures. Moderate fracturing.
							LT-GY								VT	50-70	0.1	2									Moderate veining, two types. The first type is narrow sulphide bearing veinlets. These are often indicated by the presence of light-medium grey siliceous envelopes. The second style is cream coloured quartz ± carbonate veinlets (possibly weakly sericite altered).
							LT-GY	EN				m					1.0										
							TN-WH						ser?		VT	60-70	0.3	8									
																			tw	tw	t?						Trace-weak total metals. Pyrite dominant, occurring as narrow stringers or disseminated grains in localized patches. Possible arsenopyrite noted in stringers as well.
			27.18	27.35	0.17		LT-GY				s				VT	20		9									Light cream-grey strongly silicified veinlet. Weak brecciated textures throughout the veinlet.
			30.04	30.43	0.39		MD-GN		w	tw																	Decreased clay and phyllic alteration.
			30.62	30.92	0.30		DK-GN	BX			m								m	m							Breccia zone(?). Dark green matrix with increased disseminated pyrite throughout the matrix. Clasts have diffused boundaries.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other										Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			31.32	32.46	1.14		MD-GN		w	tw					FX	80		8										Similar to 30.04-30.43m. Increased fracturing - blocky core rock.
33.10	54.10	21.00				GRD	GY-GN	MO	t			tw	pot	w	FX	30-60												Granodiorite; Speckled/mottled grey-green-pink weakly altered granodiorite. Weak-moderate potassic alteration with very weak phyllic overprint. Patchy localized zones (approx 10%) of increased clay and phyllic alteration, these are often associated with veining structures. Moderate fracturing with weak oxidation on surfaces. minor zones of strongly fractured/shattered core rock (approx 2%). Rare sub angular xenoliths.
													epi?															
								EN			w				VT	30-60	0.1	8				Cb					Moderate-high veining density, two main styles. First is narrow, irregular fracture fill stringers. These tend to comprised of carbonate and are often weakly oxidized. This type of veining may or may not have diffused silicified envelopes. The second type occurs mainly in the center of this interval and is associated with clay and phyllic altered envelopes (up to 50cm wide). veining consists of wispy cream and tan-white banded veinlets. In larger structures, a weak brecciated texture is noted.
													ser?		VT		<0.5	2				Qz		Cb			
							BG-GN	EN	w	tw							50.0											
																			w	t		Mg	w	Gn	t		Trace-weak total metals. Trace disseminated pyrite grains. Trace galena noted carried in a a narrow veinlet. Magnetite is noted throughout the matrix in unaltered zones.
			35.91	37.63	1.72		BG-GN	EN	w	tw			epi?	tw	VT	65-70	0.2	2										Interval with four <15cm altered zones associated with veining structures. Possible weak epidote alteration(?).
			38.06	38.57	0.51		BG-TN	EN	f	tw					VT	65	0.5	1				Bi	tw					Similar to 35.91-37.63m. Large altered envelope. One band ed veinlet noted along with several fine fracture fill stringers. Degrading fine biotite phenocrysts present (<0.3cm).
			40.35	41.25	0.90		LT-GN	EN	f	tw			pot?	t	VT	45-60	0.2	2	w									Similar to 38.06-38.57m. Clay and phyllic altered envelope to a silicified veining structure. Red-brown colouring to some grains - possible iron staining or weak potassic alteration(?). Several veinlets present, most notable is at 40.94-41.0m. Minor increase in sulphides.
			40.94	41.00	0.06		MD-GY	BX							VT	65	6.0	1		t		Gn	t					-Brecciated veinlet with a cream coloured "matrix" and medium grey "clasts". Trace pyrite and galena present.
			42.84	43.51	0.67		LT-GN	EN	w	tw	w		pot?	w	VT	65	0.7	4		t		Qz		Cb				Similar to 40.94-41.0m. Four veinlets noted bearing trace pyrite. Narrow diffused siliceous envelopes present.
			43.99	44.32	0.33		BG-GN		tw	tw			pot		VT	60	0.5	2		t								Similar to 40.94-41.0m. Two veinlets noted. Slight increase in fine disseminated pyrite.
			51.97	53.52	1.55		OR-BN		w	t		s																Weak-moderate clay altered, phyllic overprinted interval. Moderate-strongly oxidized, likely alteration envelope to proceeding dyke.
54.10	58.26	4.16				MAF	DK-GY			tw		s	chl	t	DY													Mafic Dyke; Dark grey, fine grained weakly porphyritic dyke. Weak-moderately magnetic. Fine mafic phenocrysts (<0.1cm) appears to have been weakly chlorite altered. Moderate-strongly silicified matrix. Moderate fracturing, with intervals of shattered and rubbled core. Minor zones of strong brecciation with clay matrix present. Contacts have been abruptly broken and no orientations can be measured.
															FX	60		7										
															VT	70	<1	2										Moderate veining, white banded quartz-carbonate veinlets commonly noted, occasionally banded with dark green stringers (sericite/chlorite?). Two preferred orientations; lower angled veinlets tend to be narrow and irregular while higher angled ones have more distinct contacts and may have weak brecciated textures.
															TV	40	0.1	4										
																				t		He	t					No significant mineralization noted. Trace disseminated pyrite noted associated with larger veining structures. Narrow and irregular red-brown coloured stringers/fracture fill - hematite(?).
			54.70	55.35	0.65		MD-GY			m					GO													Strongly clay altered, almost becoming gouge - fault(?).
			56.21	59.00	2.79	GRD		XN		m																		Likely granodiorite xenolith. Moderate-strongly clay altered and brecciated with clay matrix.
58.26	76.50	18.24				GRD	GY-GN	MO	tw	t		t	pot	w	FX	35-60		7										Granodiorite; Similar to 33.10-54.10m. Grey-green-pink weakly altered granodiorite. Weak potassic alteration with very weak phyllic overprint. Localized zones of increased sericite flooding. Fairly competent core rock with moderate fracturing, often having weakly oxidized fracture surfaces.
															VT	45-70	<0.1	6				Cb					Low-moderate veining density, two styles. The first is narrow calcareous fracture fills (<0.1cm) the second typed is weakly associated with altered envelopes (zones of increased sericite). These veinlets tend to be wider and is comprised of quartz and carbonate. They show a weakly banded to brecciated texture and is related to slight increase in sulphides mineralization.
															VT	60-70	<2	1				Qz		Cb			
																			w	tw	t	Mg	w	Cp?			Weak total metals. Fine disseminated pyrite noted throughout matrix, and often occurring in or around narrow fractures. A white-silver mineral is noted to occur similarly - arsenopyrite(?). Magnetite present throughout the interval in weakly altered zones. Possible chalcopyrite(?),
			59.16	60.68	1.52		LT-GY		w	tw		tw	pot	t	FX	45-65		12				Li	tw				Slight decrease in potassic and increase in clay alteration and weak oxidation. Minor zones of shattered and rubbled core rock and clay matrix.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other										Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity	Photo	
			61.92	63.12	1.20		LT-GN		f	tw			pot	n	VT	70	0.7	4		tw		Gn	t				Moderate-strongly phyllic altered interval, associated with veining structures. Increased sulphides, pyrite dominant, trace galena noted in veinlets.
			64.41	64.62	0.21		WH-GN		w	w					C	45											Minor interval of increased clay and phyllic alteration.
			65.39				RD-BN								VT	45	1.0	1				He?					Red-brown stained quartz veinlet - hematite(?).
			68.69	69.83	1.14		LT-GN		f	tw	ms		pot	n	VT	65	<2	6		w	t?	Cp?					Similar to 61.92-63.12m. Veinlets in this interval are light-medium grey zones of diffused silica flooding and often occur with sulphide stringers. Increase in sulphides in this interval.
			71.27	72.16	0.89		LT-GN		f	tw	m		pot	t	VT	40	1.0	2		w	t?						Similar to 61.92-63.12m, but potassic alteration is still present. Slight increase in sulphides, generally occurring as stringers.
			72.16	73.02	0.86		WH/GY				ms									tw	t?						Moderately silicified interval; grains have diffused boundaries. Slight increase in sulphide occurring in stringers.
																											EOH at 76.50m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

SAMPLE LOG

HOLE: KL-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Comments
0.00	3.05	3.05			N/S						Casing; not sampled
3.05	6.10	3.05	2.55	84	J982494	3	<0.005	0.2	8	37	
6.10	9.39	3.29	3.20	97	J982495	3	0.009	3.3	687	37	
9.39	11.00	1.61	1.52	94	J982496	3	0.034	2.7	365	931	dyke
					J982497	3	0.252	346	9430	12900	Standard: CDN-SE-2
11.00	13.11	2.11	1.93	91	J982498	3	<0.005	<0.2	29	138	
13.11	15.33	2.22	1.66	75	J982499	3	<0.005	<0.2	14	183	
15.33	17.85	2.52	1.44	57	J980000	3	0.019	0.3	87	267	
17.85	20.50	2.65	3.43	100	J980001	3	<0.005	<0.2	8	38	
20.50	23.26	2.76	2.44	88	J980002	3	<0.005	<0.2	9	40	
23.26	25.75	2.49	2.46	99	J980003	3	0.031	0.6	81	44	
25.75	28.25	2.50	2.40	96	J980004	3	<0.005	<0.2	7	38	
28.25	30.92	2.67	2.71	100	J980005	3	0.053	<0.2	7	37	
					J980006	3	<0.005	<0.2	<2	14	Blank
30.92	33.10	2.18	2.22	100	J980007	3	<0.005	<0.2	6	37	
33.10	35.91	2.81	2.73	97	J980008	3	<0.005	<0.2	7	38	
35.91	38.57	2.66	2.60	98	***J980009***	3	<0.005	<0.2	7	37	veinlets
38.57	40.35	1.78	1.80	100	***J980010***	3	<0.005	<0.2	7	39	
40.35	41.25	0.90	1.01	100	***J980011***	3	0.022	5.1	648	376	veinlets
					J980012	3	0.248	336	9300	12550	Standard: CDN-SE-2
41.25	42.84	1.59	1.49	96	***J980013***	3	<0.005	0.8	24	190	
42.84	44.32	1.48	1.47	99	***J980014***	3	<0.005	<0.2	11	41	veinlets
44.32	47.32	3.00	2.89	96	***J980015***	3	<0.005	<0.2	12	43	
47.32	50.32	3.00	2.90	99	J980016	3	<0.005	<0.2	11	49	
50.32	51.97	1.65	1.70	100	J980017	3	<0.005	<0.2	10	48	
51.97	54.10	2.13	2.49	100	J980018	3	<0.005	<0.2	10	46	alteration envelope
					J980019	3	<0.005	<0.2	<2	15	Blank
54.10	56.21	2.11	2.22	100	J980020	3	<0.005	<0.2	8	54	dyke
56.21	58.26	2.05	2.13	100	***J980021***	3	0.005	<0.2	29	90	dyke
58.26	60.68	2.42	2.31	95	***J980022***	3	<0.005	<0.2	11	46	
60.68	63.12	2.44	2.43	100	***J980023***	3	0.072	1	373	576	veinlets
63.12	66.23	3.11	2.89	93	J980024	4	<0.005	<0.2	7	42	
66.23	68.69	2.46	2.33	97	***J980025***	4	<0.005	<0.2	7	34	
68.69	69.83	1.14	1.18	100	***J980026***	4	0.032	1.9	58	110	
					J980027	4	0.251	354	9430	12750	Standard: CDN-SE-2
69.83	71.27	1.44	1.39	98	***J980028***	4	0.007	<0.2	12	39	
71.27	73.02	1.75	1.69	97	J980029	4	0.018	<0.2	13	37	
73.02	74.76	1.74	1.77	100	J980030	4	<0.005	<0.2	15	37	
74.76	76.50	1.74	1.64	94	J980031	4	<0.005	<0.2	11	37	
EOH											

GEOTECHNICAL LOG

HOLE:

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	3.05	3.05	0.00	0	0	0				Cassing
3.05	5.18	2.13	1.92	90	1.07	50		FR		
5.18	6.10	0.92	0.89	97	0.53	58		FR		
6.10	7.01	0.91	0.90	99	0.56	62		FR		
7.01	10.06	3.05	3.04	100	2.19	72		FR		
10.06	11.13	1.07	0.91	85	0.55	51		FR		
11.13	13.11	1.98	1.95	98	0.91	46		FR		
13.11	15.54	2.43	1.88	77	1.56	64		FR		
15.54	18.59	3.05	3.00	98	1.06	35		FR		
18.59	21.64	3.05	3.00	98	2.07	68		FR		
21.64	24.69	3.05	3.05	100	2.37	78		FR		
24.69	27.74	3.05	3.01	99	2.72	89		FR		
27.74	30.78	3.04	3.05	100	3.05	100		FR		
30.78	33.83	3.05	3.05	100	2.08	68		FR		
33.83	36.88	3.05	2.95	97	2.50	82		FR		
36.88	39.93	3.05	3.02	99	2.62	86		FR		
39.93	42.98	3.05	2.98	98	2.54	83		FR		
42.98	46.03	3.05	2.98	98	2.45	80		FR		
46.03	49.07	3.04	3.00	99	2.82	93		FR		
49.07	50.60	1.53	1.55	101	1.33	87		FR		
50.60	51.21	0.61	0.64	105	0.38	62		FR		
51.21	54.10	2.89	2.92	101	1.72	60		FR		
54.10	56.08	1.98	2.01	102	0.54	27		FR		
56.08	57.91	1.83	1.86	102	1.03	56		FR		
57.91	59.13	1.22	1.25	102	1.01	83		FR		
59.13	61.26	2.13	2.13	100	1.35	63		FR		
61.26	64.31	3.05	3.01	99	2.62	86		FR		
64.31	67.36	3.05	3.00	98	2.49	82		FR		
67.36	70.41	3.05	3.04	100	2.56	84		FR		
70.41	73.46	3.05	2.98	98	2.69	88		FR		
73.46	76.50	3.04	3.03	100	2.68	88		FR		End of Hole

MAGNETIC SUSCEPTIBILITY LOG

HOLE:

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00				
2.00				
3.00				
4.00			2.73	
5.00			0.36	
6.00			0.21	
7.00			3.37	
8.00			9.87	
9.00			5.77	
10.00			0.58	
11.00			0.30	
12.00			0.38	
13.00			1.17	
14.00			0.30	
15.00			0.15	
16.00			0.08	
17.00			6.28	
18.00			0.50	
19.00			3.79	
20.00			11.90	
21.00			19.10	
22.00			1.81	
23.00			16.60	
24.00			0.15	
25.00			0.13	
26.00			0.30	
27.00			0.26	
28.00			0.23	
29.00			0.18	
30.00			0.35	
31.00			0.26	
32.00			4.43	
33.00			0.57	
34.00			12.80	
35.00			21.00	
36.00			2.25	
37.00			1.12	
38.00			6.08	
39.00			4.87	
40.00			12.00	
41.00			0.53	
42.00			14.00	
43.00			1.76	
44.00			4.13	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			16.30	
46.00			4.67	
47.00			31.00	
48.00			31.30	
49.00			27.00	
50.00			22.00	
51.00			30.00	
52.00			1.61	
53.00			1.09	
54.00			-0.11	
55.00			33.70	
56.00			11.00	
57.00			39.60	
58.00			54.20	
59.00			20.40	
60.00			1.71	
61.00			20.40	
62.00			2.13	
63.00			0.33	
64.00			24.10	
65.00			5.93	
66.00			18.20	
67.00			0.70	
68.00			2.25	
69.00			0.42	
70.00			6.51	
71.00			9.17	
72.00			0.23	
73.00			7.72	
74.00			0.72	
75.00			2.70	
76.00			10.80	

BOX LOG

HOLE:

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	3.05	7.14			
2	7.14	11.13			
3	11.13	15.54			
4	15.54	19.37			
5	19.37	23.44			
6	23.44	27.74			
7	27.74	31.74			
8	31.74	35.75			
9	35.75	39.93			
10	39.93	44.21			
11	44.21	48.28			
12	48.28	52.30			
13	52.30	55.72			
14	55.72	59.13			
15	59.13	63.12			
16	63.12	67.36			
17	67.36	71.47			
18	71.47	75.69			
19	75.69	76.50			

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382881	6890351	1352	100.28

ZONE: FW of Klaza Zone

SECTION:

HOLE: KL-10-02

CLAIM: YD09218

Contractor: Top Rank

Drill:

Core size: NTW (100.28m/EOH)

Casing depth: 3.05 (m) in / **out**

Drilling dates: July 29 - August 01 2010

Geology logged by: C. Chung

TARGET: TR-10-09

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	40	-50.0	compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.05	3.05	OB	Overburden
3.05	8.00	4.95	FEL	Felsic dyke
8.00	9.59	1.59	FLT	Fault/Contact zone
9.59	100.28	90.69	GRD	Granodiorite moderately to strongly oxidized to
				38 m depth. Phyllic alteration grades to argillic DH
				Qtz vein bearing pyrite and arsenopyrite at 21.61 m
				40 cm wide felsic dyke at 63.35 m
				Silicious banding and local brecciated zones
				near end of hole
				EOH @ 100.28 m

SAMPLES

Numbers: J980032 - J980079

Total: 48

Batch: 4 (28 samples only), 5 (20)

Date Sent:

Certificate: WH10143143, WH10146782

COMMENTS

GEOLOGY LOG

HOLE: KL-10-02

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
0.00	3.05	3.05				CAS																					Casing/Overburden; No recovery.
3.05	8.00	4.95				FEL	BN-PU	PO	ms	m		s			DY												Porphyritic Felsic Dyke; Strongly weathered and oxidized porphyritic dyke. Matrix appears to have slight purple colouring. Subhedral zone plagioclase phenocrysts (up to approx 1cm) make up approx 10%. Rare grey fine quartz phenocrysts also present (<0.5cm). Moderate sericite and clay alteration.
															FX	30		8									Moderate-strong fracturing with zones (5-10%) of strongly brecciated core with clay matrix. The lower contact ends in a brecciated and gougey zone.
															TV	30	0.2	3									Minor veining, dominantly broken quartz veinlets.
																											No significant mineralization noted.
			4.00	4.27	0.27		BN-YW	BX		s					GO	55	16.0										Strongly brecciated zone, bleached clay matrix.
			5.79	5.85	0.06			BX		s					GO	50	3.0										Similar to 4.0-4.27m.
8.00	9.59	1.59				FLT?	BN-GY	BX							C												Contact Zone; Faulted(?) contact zone between porphyritic dyke above and granodiorite below. This interval is approx 35-40% gouge/breccia with clay matrix. The dyke and host rock can be differentiated by the weathering intensity (the dyke is much more brown/oxidized). the granodiorite unit is more competent and oxidation only occurs as envelopes around fractures and veining structures. Fractured, blocky, and shattered core rock, difficult to measure orientations.
															GO		80.0										
																			t	t							Trace sulphides, mainly disseminated pyrite in granodiorite sections.
9.59	20.81	11.22				GRD	BN-GN		m	m		m			FX	60		5									Granodiorite; Strongly oxidized, moderately altered coarse grained granodiorite. Patchy zones of clay and phyllic alteration while oxidation occurs mainly on fractures and weak-moderate pervasively in strongly clay altered zones. Moderate fracturing with fairly competent core rock. Surfaces are often coated with weak-moderate limonite.
							TN-WH								VT	40-70	0.2	5									Moderate veining with various styles. The first is cream coloured veinlets which has a weakly banded appearance (quartz centres, carbonate "boundaries").
							MD-GY	EN			s				VT	50-60	<2	2									Another style of veining is the diffused medium grey silica flooded zones. These often occur with trace-weak sulphides.
																			t	t		Li	t	He?			Trace sulphides, generally fine disseminated pyrite in zones of slightly weakly oxidation and as stringers in or around silica zones. Weak limonite and possible hematite (red-brown specks) also present.
			12.73				GY-BK	BX							DY?	40	2.0		w	w	t?						Small band of dark grey/black matrix-supported breccia (dyke?). Clasts are from the granodiorite host rock. The matrix contains small clots of sulphides and is very hard - tourmaline(?).
			13.00	14.18	1.18						s	w	epi?		VT	65	3.0			w							Slight decrease in oxidation. Possible epidote(?). One quartz veinlet noted bearing blebby pyrite.
			18.39	18.66	0.27		GN-GY				s	w			VT	50	1.0			w							Decreased oxidation. One quartz veinlet noted. Disseminated pyrite noted in this zone.
20.81	24.49	3.68				GRD	GN-GY	MO	w	tw		w	pot	tw	FX	50-60	7.0					Bi?	t				Granodiorite; Moderate-strongly oxidized, weak-moderately altered coarse grained granodiorite. Weak potassic alteration with phyllic overprint. Weak pervasive oxidation. Possible secondary biotite(?). Approx 30% of this interval is strongly oxidized and clay altered as a vein envelope. Moderate fracturing, with lower portion of interval as shattered core rock.
												f			VT	35-50	0.2	4									Low-moderate veining density. Most common is narrow quartz fracture fill with oxidized envelopes. Diffused zones of silica flooding are also present.
											m				VT	70	1.0										
																			t	t							Trace total metals, dominantly pyrite in localized zones.
			21.61	22.96	1.35			EN		m		s															Increased oxidation and clay alteration. Possible envelope for quartz vein at 22.39-22.63m.
			22.39	22.63	0.24		MD-GY	BX							VN	55	23.0										-Medium grey quartz vein bearing mainly pyrite with possible arsenopyrite. Weak brecciated textures with tan coloured quartz "matrix".
24.49	33.65	9.16				GRD	OR-BN		m	m	w	s			FX	30-40	7.0										Granodiorite; Similar to 9.59-20.81m. Strongly oxidized, weak-moderate clay and phyllic altered coarse grained granodiorite. Moderate fracturing, increasing downhole. Localized patches of strong clay alteration, bleaching the matrix.. Zones with slight decrease in oxidation are associated with quartz veining structures.
							TN-WH					m			VT	40-50	<1	3									Moderate veining density, two main styles. The first is banded cream coloured quartz-carbonate veinlets. The second type is medium-dark grey quartz veinlets. These veinlets tend to have large envelopes with decreased oxidation and clay alteration. Both veining styles are associated with mineralization.
							MD-GY				ms				VT	40-60	<2	2									
							LT-GN	EN	m	f		w					80.0										
																			tw	tw	t	Gn	t	Sp?	t		Trace sulphides, generally noted in areas of decreased oxidation and weak-moderate silicification. Pyrite dominant with trace galena, arsenopyrite and possible sphalerite.
			25.74	28.08	2.34		LT-GN	EN			m	f			VT	40	1.5	4		tw							Decreased oxidation, moderate sericite altered interval, likely envelope to multiple dark grey quartz veinlets. This interval has a weak-moderate brecciated appearance with tan-cream "carbonate" matrix and sub angular quartz fragments (<0.5cm). Minor increase in sulphides, mainly pyrite carried in veinlets. One quartz veinlet noted.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			27.28	27.36	0.08		MD-GY				s				VT	50	8.0			w	t?							-Light-medium grey quartz veinlet with blebby sulphide stringers.
			27.81				DK-GY								VT	45	1.0				m	Gn	tw	Sp	w		-Dark coloured sulphide bearing veinlet.
33.65	40.02	6.37				GRD	OR-BN	MO	tw	m		s	pot?	t	FLT?													Granodiorite; Strongly weathered and strongly fractured and broken granodiorite, similar to 24.49-33.65m. Blocky, shattered core rock with oxidized gouge and clay infilling fracture and coating surfaces - fault(?). "Contacts" are in rubble zones - no measurable orientation. Possible potassic alteration of host rock giving a slight mottled pink colouring to the matrix.
															GO													
															VT													Veining is present, but difficult to determine density and orientation.
																			t	t								No significant sulphides noted in this interval. Trace fine pyrite grains noted associated to possible veining structures.
			38.00	40.02	2.02		WH/GY			m		m			VT	50		2	tw	tw	t	Gn?	t					Below 38.0m, core rock becomes more competent and decreases in oxidation. The matrix is weak-moderate bleached - increase in clay(?). One quartz veinlet with tan-cream carbonate boundaries noted bearing sulphides.
40.02	48.71	8.69				GRD	GN-GY	MO	tw	t		t	pot	tw	FX	50-70		8										Granodiorite; Weakly altered coarse grained granodiorite. Trace-weakly potassic alteration with very weak phyllic overprint. Localized zones of increased clay and sericite make up approx 10%. Moderate-strongly fractured, resulting in blocky core rock. many of the fracture surfaces are weak-moderately weathered.
															VT	50-70	<0.7	2										Low-moderate veining, similar styles to units uphole. Narrow banded cream and white quartz-carbonate veinlets and medium-dark grey weakly diffused zones of silicification.
											ms				VT	40-50	<1	1										
																			tw	t		Mg	tw					Trace sulphides, generally associated with veining structures. Magnetite is present throughout the matrix.
			41.93	42.37	0.44		BG-GN	EN	w			tw			VT	45	1.0					Qz		Cb			Weakly bleached matrix - increased phyllic alteration. Appears to be an alteration envelope for two veinlets. Both veinlets are quartz-carbonate but the second may be iron stained.
							DK-BN								VT	55	0.7					Qz		Bi			
			45.31	45.95	0.64		WH-BN	EN	w	tw			chl	t	VT	40	<1	2		tw								Similar to 41.93-42.37m. Weak-moderately bleached matrix - possible increase in phyllic and clay alteration. Likely to be veining envelope to two medium grey diffused silicified bands. Slight increase in sulphides, mainly as disseminated pyrite.
48.71	52.38	3.67				GRD	TN-BG		w	tw	t	w			FX	40-60		8										Granodiorite; Similar to 24.49-33.65m, with decreased oxidation. Weak-moderately clay and phyllic altered coarse grained granodiorite with possible weak silicification of the matrix. Low-moderate fracturing, surfaces are often weakly oxidized. Fractures increase moving downhole and core rock becomes blocky.
							TN-BG								VT	60	<0.3	4										Low-moderate veining density, two main styles. Tan-beige, oxidized carbonate fracture fill and medium-grey diffused siliceous bands, often occurring with carbonate stringers.
							MD-GY				ms				VT	50-70	<1	1										
																			tw	tw		He?	t					Trace-weak sulphides present, dominantly disseminated pyrite grains scattered throughout the matrix. Red-brown specks also present throughout - hematite(?).
52.38	54.55	2.17				FLT?			w	ms	m	w			GO													Faulted Granodiorite; Rubble and clay/gouge zone. Host rock appears to be similar to granodiorite unit immediately uphole. Possible contact orientation at approx 50° TCA. Fragments show dark grey breccias and medium grey silica bands are present but difficult to determine density. weak amounts of total metals. dominantly pyrite but trace arsenopyrite is also noted. Localized dark grey gouge zones appear to be pyritic.
															VT													
																			w	w	t							
54.55	60.85	6.30				GRD	GN/PK	MO	tw	t		t	pot	w	FX	10-30		2										Granodiorite; Similar to 40.02-48.71m. Coarse grained granodiorite with weak potassic alteration that has been weakly phyllic overprinted. Minor oxidation noted, generally occurring only on fracture surfaces. Moderate-strongly fractured, two preferred orientation sets.
															FX	50-65		10										
							WH/TN	VU							VT	40-60	0.5	2										Low-moderate veining. Vuggy white to cream carbonate veinlets and medium-dark grey siliceous bands present.
							MD-GY				ms				VT	50-60	<1	1				Qz						
																			w	tw	t?	Mg	w					Trace-weak sulphides, disseminated pyrite most commonly occurring throughout the matrix and in fractures. Possible arsenopyrite also noted. Sulphides decrease moving downhole. Magnetite present below 55.79m.
			54.55	55.79	1.24		YW-GN		m		tw		pot	n	VT	55	1.0	2	f	w	t?	Cp?	t					Interval with less potassic and stronger sericite. Likely to be altered envelope to fault zone uphole. Possible epidote(?). Slightly higher sulphides content is this interval than the remainder of unit. Two medium grey quartz veinlets present.
													epi?															

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			60.14	60.35	0.21		WH/GN		w	tw																		Increased clay and sericite. Blocky and fractured core rock.
60.85	64.21	3.36				GRD	GY/PK	MO	f	tw			pot	w	FX	30-50		11										Granodiorite; Altered granodiorite forming envelopes to a small dyke at 63.35-63.75m. Granodiorite is moderately clay and sericite altered. Weak-moderate potassic flooding likely giving pink colouring to the matrix. Fractured and slightly blocky core rock with trace sulphides noted on fracture surfaces. Low-moderate veining, similar to unit uphole. tan coloured narrow, wispy carbonate veinlets present. Trace sulphides.
															VT	50-60	0.3	3				Cb						
																			t	t								
			63.35	63.75	0.40	FEL	GN-GY	PO					chl	tw	DY					tw								Porphyritic felsic dyke. Subhedral cream plagioclase phenocrysts (<0.5cm) common with minor amounts of grey quartz phenocrysts (<0.3cm\0, Possible orientation at approx 60° TCA. Slight increase in disseminated pyrite.
64.21	79.16	14.95				GRD	GN/PK	MO	tw			t	pot	w	FX	10-30		2										Granodiorite; Weakly potassic altered and phyllic overprinted coarse grained granodiorite. Weak-moderate coating of oxidation noted on fracture surfaces. Hard (weak silicification?) but fractured and blocky core rocks, two preferred orientation sets.
															FX	50-70		7										
							TN-WH								VT	70-80	0.5	4										Moderate veining density, two main types noted. Both are narrow and appear to be fracture fill. The tan to white coloured carbonate veinlets are sometimes oxidized while the dark grey/black stringers appear to have diffused siliceous envelopes (up to approx 1.5cm wide). Dark coloured veining structures appear to be loosely associated with minor mineralization.
							GY/BK	EN			w?				VT	70	0.2	6										
																			tw	t		Mg	tw	Li?	tw			Trace-weak total metals. Trace amounts of sulphides dominantly pyrite, often disseminated near veining structures. Rare stringers noted. Magnetite present throughout matrix. Possible limonite on fractures (yellow-tan coating on fracture surfaces).
			72.44	73.57	1.13		LT-GY		w	tw					VT	10	0.7	1		tw		Cb						Increased clay and sericite alteration, bleaching the matrix to a light yellow grey. Possibly due to low angle veining/fracture. Slightly increase in pyrite stringers.
79.16	84.70	5.54				GRD	LT-GN		f	tw		t			FX	30-40		3				Bi?						Granodiorite; Moderate phyllic altered coarse grained granodiorite. Weak-moderate localized clay alteration also present. Low-moderate fracturing, minor amounts of clay and carbonate on fracture surfaces. Possible secondary biotite.
							BG-TN								VT	50-60	0.3					Cb						Moderate-high veining density, two main styles. Tan-beige coloured, wispy veinlets (carbonate) and white-grey quartz-carbonate veinlets. Both veining types tend to have weak-moderate siliceous envelopes, up to approx 1cm wide.
							GY								VT	50-60	<1					Qz		Cb			
								EN			ms						<1											
																			tw	tw	t?	Gn?	t					Trace-weak total metals. Discontinuous an blebby pyrite stringers most common. Some quart\ veinlets appear to carry trace amounts of galena and arsenopyrite.
			79.50	79.62	0.12		GY				x				VT	55		8		tw	tw	Gn	w	Ch	80			Strongly silicified veinlet - has appearance of chalcedony with small (<1cm) carbonate inclusions and sulphide stringers forming boundaries.
			82.18	82.27	0.09		GY-GN				s				DY?	50				w		Gn	t					Possible dyke unit(?). Matrix has slight crowded porphyritic textures and is strongly silicified. Slight increase in sulphides above and below "dyke" unit in weakly altered envelope zone.
			83.53	83.90	0.37				tw				pot	t														Minor interval of decreased clay and sericite.
84.70	100.28	15.58				GRD	GN/PK	MO	tw	t	w?		pot	w	FX	20-40		6										Granodiorite; Similar to 64.21-79.16m. Weakly potassic altered and phyllic overprinted granodiorite. Moderately hard matrix - possible silicification(?), Kiw0niderate fracturing, two preferred orientation sets. Fracture density increasing downhole, becoming blocky and rubbly core rock in localized zones (approx 3%), especially zones of increased clay and sericite alteration.
															FX	50-70		4										
							BG-WH								VT	55	<1	3				Cb						Low-moderate veining density, several different styles. Narrow wispy beige-coloured veinlets grade into white carbonate veinlets moving downhole. These generally occur without much alteration envelopes.
								BN							VT	60-70	1.0	4				Qz		Cb				Mixed and banded quartz-carbonate veinlets are also present in this unit, usually with a white-grey quartz centre and tan carbonate bands forming boundaries to quartz. This style of veining is associated with more clay and sericite altered zones as "envelopes".
							GY								VT	60	<1	2										The third type is narrow grey siliceous bands. These are difficult to determine because they tend to be diffused in a weakly silicified matrix..
																			tw	t		Mg	tw	Cp	t			Trace-weak total metals. Disseminated pyrite is noted in the matrix, generally associated with veining structures and fractures. Possible trace chalcopyrite. Magnetite present throughout the interval.
			88.31	88.67	0.36		TN-GN		w	t					VT	60	0.3	5		w	t?							Alteration "envelope" for multiple veinlets. Increase phyllic overprinting of the matrix and sulphide wisps. Several quartz-carbonate veinlets noted as well as one sulphide bearing smokey quartz veinlet.
			91.28	91.94	0.66		TN-BG		w	t	t				VT	50-70	0.5	4		tw								Similar to 88.31-88.67m, with minor silicification. Slight increase in sulphides.
			95.15	96.33	1.18		WH/GN			f					FX	35		7										Interval of increased clay content. Matrix is slightly bleached. Increased fracturing and blocky core rock. Moderate brecciation with clay matrix - possible fault structure(?).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			97.21	99.71	2.50					w					FX	35-50											Zone of increased clay alteration; moderate-strongly brecciated textures with clay matrix - blocky, rubble core rock.
			97.21	97.75	0.54		TN-BG		w	t					VT	55	0.7	2									-Two altered intervals, similar to 88.31-88.67m.
			98.86	99.71	0.85		TN-BG		w	t					VT	35-75	<1	2									
																											EOH at 100.28m.

SAMPLE LOG

HOLE: KL-10-02

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Comments
0.00	3.05	3.05			N/S						Casing; no recovery
3.05	5.50	2.45	2.18	89	J980032	4	<0.005	<0.2	20	288	porphyritic dyke
5.50	8.00	2.50	2.26	90	J980033	4	<0.005	<0.2	15	234	porphyritic dyke
8.00	9.59	1.59	1.43	90	J980034	4	0.086	2.4	245	564	faulted(?) contact zone
					J980035	4	<0.005	<0.2	3	21	Blank
9.59	12.45	2.86	2.37	83	J980036	4	0.042	2.6	27	170	
12.45	15.28	2.83	2.89	102	J980037	4	0.008	0.5	84	277	
15.28	17.98	2.70	2.65	98	J980038	4	0.045	3.3	298	1065	
17.98	20.81	2.83	2.77	98	J980039	4	0.034	1.6	440	873	
					J980040	4	0.064	0.9	207	756	Quarter split duplicate of ***039
20.81	21.61	0.80	0.83	104	J980041	4	<0.005	<0.2	16	89	
21.61	22.96	1.35	1.29	96	J980042	4	1.055	19.6	1930	4330	veining with envelope zone
22.96	24.49	1.53	1.50	98	J980043	4	<0.005	<0.2	16	580	
24.49	25.47	0.98	1.12	100	J980044	4	<0.005	<0.2	18	599	
25.47	28.08	2.61	2.40	92	J980045	4	0.514	52.1	5840	6100	veining with envelope zone
					J980046	4	0.243	345	9590	12850	Standard: CDN-SE-2
28.08	30.73	2.65	2.28	86	J980047	4	0.01	0.8	106	1520	
30.73	33.63	2.90	2.81	97	J980048	4	0.027	3.2	393	1330	
33.63	36.27	2.64	1.76	67	J980049	4	0.136	2.9	232	2070	fault(?)
36.27	38.00	1.73	1.30	75	J980050	4	<0.005	<0.2	13	117	fault(?)
38.00	40.02	2.02	1.87	93	J980051	4	0.016	2.4	342	300	"contact zone"
40.02	42.33	2.31	2.16	94	J980052	4	<0.005	<0.2	16	54	includes minor veining
42.33	45.31	2.98	2.76	95	J980053	4	0.005	<0.2	15	37	
45.31	47.00	1.69	1.78	100	J980054	4	0.005	<0.2	12	38	includes minor veining
					J980055	4	<0.005	<0.2	3	14	Blank
47.00	48.71	1.71	1.68	100	J980056	4	<0.005	<0.2	14	36	
48.71	50.54	1.83	1.74	95	J980057	4	0.011	<0.2	16	77	
50.54	52.38	1.84	1.77	96	J980058	4	0.007	<0.2	17	86	
52.38	54.55	2.17	1.41	65	J980059	4	1.105	10.8	1450	3660	fault
54.55	55.79	1.24	1.30	105	J980060	5	0.719	10.8	634	2600	"contact zone"(?)
					J980061	5	<0.005	<0.2	<2	21	Blank
55.79	58.32	2.53	2.46	97	J980062	5	0.008	0.8	32	105	
58.32	60.85	2.53	2.44	96	J980063	5	0.005	<0.2	10	42	
60.85	64.24	3.39	3.40	100	J980064	5	0.019	0.2	16	51	
64.24	66.75	2.51	2.39	95	J980065	5	0.022	<0.2	10	40	
					J980066	5	0.016	<0.2	9	40	Quarter split duplicate of ***066
66.75	69.80	3.05	2.77	91	J980067	5	0.014	0.2	16	49	
69.80	72.44	2.64	2.40	91	J980068	5	0.011	0.2	14	52	
72.44	73.57	1.13	1.11	98	J980069	5	0.015	0.2	15	94	
73.57	76.52	2.95	2.98	100	J980070	5	0.005	<0.2	12	43	
76.52	79.16	2.64	2.57	97	J980071	5	<0.005	<0.2	10	50	
79.16	81.91	2.75	2.66	97	J980072	5	0.06	33.5	3560	731	
					J980073	5	0.237	325	8980	12550	Standard: CDN-SE-2
81.91	84.70	2.79	2.86	100	J980074	5	0.185	3.5	324	645	
84.70	88.09	3.39	3.14	95	J980075	5	0.005	0.2	14	46	
88.09	91.14	3.05	2.97	97	J980076	5	0.006	0.3	21	39	
91.14	94.18	3.04	3.04	100	J980077	5	0.009	0.2	18	47	
94.18	97.23	3.05	2.66	87	J980078	5	0.005	0.2	11	41	
97.23	100.28	3.05	2.75	90	J980079	5	0.006	0.7	12	42	
	EOH										

GEOTECHNICAL LOG

HOLE:

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	
0.00	3.05	3.05	0.00	0	0	0			
3.05	4.27	1.22	1.06	87	0.27	22			
4.27	7.32	3.05	2.86	94	1.08	35			
7.32	8.53	1.21	1.10	91	0.37	31			
8.53	8.84	0.31	0.22	71	0.00	0			
8.84	11.89	3.05	2.64	87	1.65	54			
11.89	14.94	3.05	3.05	100	2.38	78			
14.94	17.98	3.04	2.95	97	1.69	56			
17.98	21.03	3.05	3.01	99	2.66	87			
21.03	24.08	3.05	2.98	98	1.69	55			
24.08	27.13	3.05	3.05	100	1.66	54			
27.13	30.18	3.05	3.00	98	1.18	39			
30.18	33.22	3.04	3.02	99	2.48	82			
33.22	36.27	3.05	3.05	100	0.45	15			
36.27	39.32	3.05	3.05	100	0.67	22			
39.32	42.37	3.05	3.02	99	1.61	53			
42.37	45.42	3.05	3.05	100	0.59	19			
45.42	48.46	3.04	3.04	100	1.79	59			
48.46	51.51	3.05	3.05	100	1.93	63			
51.51	53.04	1.53	1.45	95	0.41	27			
53.04	55.78	2.74	2.40	88	1.10	40			
55.78	57.76	1.98	2.07	105	0.52	26			
57.76	60.35	2.59	2.58	100	1.14	44			
60.35	63.40	3.05	3.02	99	1.93	63			
63.40	63.70	0.30	0.32	107	0.20	67			
63.70	66.75	3.05	2.95	97	2.39	78			
66.75	69.80	3.05	2.96	97	1.04	34			
69.80	71.93	2.13	2.21	104	0.93	44			
71.93	74.37	2.44	2.45	100	1.03	42			
74.37	77.42	3.05	3.03	99	2.83	93			
77.42	80.47	3.05	3.04	100	2.06	68			
80.47	81.99	1.52	1.44	95	1.24	82			
81.99	84.73	2.74	2.82	103	2.62	96			
84.73	88.09	3.36	3.21	96	3.17	94			
88.09	91.14	3.05	3.02	99	2.45	80			
91.14	94.18	3.04	3.05	100	2.49	82			
94.18	97.23	3.05	2.89	95	1.50	49			
97.23	100.28	3.05	3.05	100	1.12	37			

DENSITY LOG

HOLE:

Depth (m)	Unit	Modifier	MINERALS				Comments	Length (cm)	Diameter (cm	Dry weight	Wet Weight	Density	Specific Gravity
			Py %	As %	Other	%							
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
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												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

HOLE:

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00				
2.00				
3.00			0.13	
4.00			0.25	
5.00			0.21	
6.00			0.21	
7.00			0.26	
8.00			0.11	
9.00			0.25	
10.00			0.28	
11.00			0.38	
12.00			0.26	
13.00			0.57	
14.00			1.81	
15.00			0.55	
16.00			0.31	
17.00			0.48	
18.00			0.47	
19.00			0.38	
20.00			0.43	
21.00			3.44	
22.00			0.38	
23.00			2.87	
24.00			7.77	
25.00			0.63	
26.00			0.21	
27.00			0.28	
28.00			0.20	
29.00			0.23	
30.00			0.21	
31.00			0.55	
32.00			0.35	
33.00			0.25	
34.00			0.16	
35.00			3.02	
36.00			0.89	
37.00			1.98	
38.00			1.14	
39.00			0.52	
40.00			1.02	
41.00			5.98	
42.00			0.62	
43.00			0.33	
44.00			8.88	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.38	
46.00			5.79	
47.00			5.46	
48.00			7.20	
49.00			0.31	
50.00			0.33	
51.00			0.47	
52.00			0.36	
53.00			0.31	
54.00			0.13	
55.00			0.23	
56.00			1.52	
57.00			18.90	
58.00			3.37	
59.00			2.03	
60.00			9.05	
61.00			0.47	
62.00			-0.92	
63.00			4.85	
64.00			1.29	
65.00			2.08	
66.00			1.89	
67.00			3.89	
68.00			0.23	
69.00			9.59	
70.00			9.45	
71.00			8.85	
72.00			4.82	
73.00			0.25	
74.00			23.20	
75.00			23.10	
76.00			19.90	
77.00			2.57	
78.00			8.71	
79.00			6.88	
80.00			0.35	
81.00			2.50	
82.00			0.38	
83.00			11.50	
84.00			1.12	
85.00			4.56	
86.00			12.20	
87.00			0.57	
88.00			22.20	
89.00			6.35	
90.00			6.85	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			15.60	
92.00			18.20	
93.00			20.30	
94.00			0.82	
95.00			22.70	
96.00			12.30	
97.00			31.10	
98.00			9.67	
99.00			0.36	
100.00			14.40	

BOX LOG

HOLE:

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	3.05	6.46			
2	6.46	10.92			
3	10.92	15.28			
4	15.28	19.04			
5	19.04	23.20			
6	23.20	27.13			
7	27.13	30.73			
8	30.73	34.18			
9	34.18	37.78			
10	37.78	41.66			
11	41.66	45.42			
12	45.42	49.12			
13	49.12	53.04			
14	53.04	57.05			
15	57.05	60.67			
16	60.67	64.71			
17	64.71	68.80			
18	68.80	72.73			
19	72.73	76.82			
20	76.82	80.98			
21	80.98	84.88			
22	84.88	89.43			
23	89.43	93.61			
24	93.61	97.62			
25	97.62	100.28			

KLAZA PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382847	6890289	1369	158.50

SECTION:

HOLE: KL-10-03

CLAIM: YC38000

Contractor: Top Rank

Drill:

Core size: NTW (158.5m)

Casing depth: 3.90 (m) in / **out**

Drilling dates: August 01 - 07 2010

Geology logged by: C. Chung

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	40	-50.0	compass				
		-50.0	acid				

TARGET: TR-10-10

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.90	3.90	CAS	Casing/Overburden; no recovery
3.90	15.03	11.13	GRD	
15.03	21.73	6.70	GRD	
21.73	35.50	13.77	GRD	
35.50	51.72	16.22	GRD	-possible fault zone at 48.98-50.61m
51.72	54.76	3.04	GRD	
54.76	60.45	5.69	FEL	-porphyritic felsic dyke, contacts at 70° and 40°
60.45	64.75	4.30	GRD	
64.75	66.47	1.72	FEL	-moderately clay altered felsic dyke at 60°
66.47	83.32	16.85	GRD	
83.32	86.93	3.61	FEL	-brown-purple porphyritic felsic dyke
86.93	89.55	2.62	GRD	
89.55	99.52	9.97	GRD	
99.52	102.10	2.58	BXA	-Dark grey matrix-supported breccia (tourmaline?)
102.10	102.88	0.78	FEL	-Felsic dyke (quartz-felspar porphyry)
102.88	106.68	3.80	BXA	-Dark grey matrix-supported breccia (tourmaline?)
106.68	111.37	4.69	FEL	-Felsic dyke (quartz-feldspar porphyry)
111.37	112.36	0.99	BXA	-Dark grey matrix-supported breccia
112.36	121.18	8.82	GRD	
121.18	124.23	3.05	GRD	
124.23	128.48	4.25	GRD	
128.48	140.28	11.80	GRD	
140.28	149.42	9.14	GRD	
149.42	158.50	9.08	GRD	
	EOH			

SAMPLES

Numbers: J982416 - J982493

Total: 78

Batch: 1, 2, 3 (6 samples only)

Date Sent: B1 (09-27), B2 (), B3 ()

Certificate: WH10146782, WH10140651, WH10143142

COMMENTS

GEOLOGY LOG

HOLE: KL-10-03

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
0.00	3.90	3.90				CAS																					Casing/Overburden; No recovery.
3.90	15.03	11.13				GRD	TN-BN		w	tw		m			FX	35		7									Weathered Granodiorite; Moderate-strongly oxidized, medium-coarse grained equigranular granodiorite. Oxidation associated to fracturing and veining structures. Localized patches of fresh granodiorite is present. Moderate fracturing, slightly blocky at the tope of hole. In zones of strongly clay alteration, core rock is crumbled and rubbly. Phyllic alteration is most proximal to structures grading out to clay alteration.
							MD-GY					f			VT	30		10				Se	m				Moderate veining; two preferred orientations, often narrow and light-dark grey in colour. Lighter colours tend to be comprised of quartz while darker colours are comprised of sericite. Alteration envelopes are commonly indicated by weak-moderate bleaching of wall rock and moderate oxidation.
							WH			l		f			VT	70		1						Qz	m		
																			tw	tw		Li	tw				Trace-weak sulphides, generally associated with veining structures. Minor amounts of blebs (<0.5cm) noted in matrix. Very weak box-work weathering present at top of hole.
			7.18	7.38	0.20		TN	EN			s				VN?	25		20			tw			Qz	f		Possible dyke or silica flooded vein. Moderately silicified with approx 2cm wide band of smoky quartz. Weak phyllic envelopes. Arsenopyrite clots present in quartz band.
			13.12	14.48	1.36			EN		f		ms															Vein at 14.07-14.15m with clay and phyllic overprinting clay envelopes. Phyllic envelope only occurs below the vein at 14.15-14.33m and grades into an unoxidized clay altered zone.. Vein appears to be sericite overprinted by silica and has a weakly brecciated texture. Pyrite and arsenopyrite(?) present as elongated clots along vein edges.
			14.07	14.15	0.08		MD-GY	BX							VN	75		4		tw	tw						
			14.15	14.33	0.18		LT-GN	EN	w																		
			14.48	14.89	0.41		WH/GN								VT	65	0.2	3		tw	tw	Se	w	Qz	w		Veinlet set with weak-moderate oxidized envelopes. Pyrite and arsenopyrite present, carried in veinlets.
							TN-BN	EN	w								5.0										
15.03	21.73	6.70				GRD	LT-GY		t?																		Granodiorite; light-medium grey medium-coarse grained equigranular granodiorite, very weak to no phyllic alteration. Occasional clast/xenolith with weakly reabsorbed contacts noted, can be up to approx 4cm across. These are often darker in colour, fine-medium grained, and angular in shape.
												tw			FX	70											Weak fracturing, dominantly high angled fractures with two shallow (<20° TCA) fractures noted with oxidized surfaces.
															VT	20	0.3	1		tw		Se	m				Low veining. Two styles noted, similar to unit uphole; lower angled sericite veinlets and slightly higher angled carbonate stringers. Slight increase in phyllic alteration in vicinity of veining structures noted.
															VT	40-70	0.2	2						Cb	ms		
																			w	t		Mg	w				Trace total sulphides in this interval, often occurring as fine grains present in or around sericite veining structures. Magnetite present in weak-fair amounts.
			16.08	16.74	0.66				w			w	chl	t	VT	15	0.3		t	t		Mg	t				Phyllic altered envelope surrounding a moderate-strongly oxidized veinlet/fracture. Dominant sulphide appears to be pyrite with trace-weak magnetite.
21.73	35.50	13.77				GRD	WH-TN		w	ms		tw			FX	20-35		5									Granodiorite; Moderate-strong clay altered, locally phyllic altered granodiorite. Alteration generally associated with veining structures. While clay alteration is more wide-spread, phyllic zones are usually small (<10cm wide) and adjacent to veining. oxidation present, weakly pervasive and stronger along fractures/veining. Moderate fracturing, surfaces often thinly coated with oxidized carbonate.
												w			VT	20-40	0.5	5						Cb	ms		Moderate-strong veining, several styles. First is carbonate filled fractures. These often have moderate oxidation envelopes.
															VT	75	0.7	3		w	t			Qz	l		The second type appears to be quartz veinlets, generally associated with phyllic envelopes, which have been weakly silica flooded. These zones tend to carry trace-weak fine grained sulphides.
																			tw	tw	t	Mg	t				Low total sulphides with disseminated grains occurring generally in phyllic zones around veinlets and clots carried in quartz veinlets. Pyrite dominant with trace arsenopyrite(?). Magnetite present in less clay altered zones.
			23.12	23.46	0.34		LT-GY		t			n			C	25	1.0					Mg	t				"Fresh" granodiorite, similar to 15.03-21.73m. "Contacts" to altered zones are weakly gradational.
			26.97	28.09	1.12		LT-GN	EN	m		m	t			VT	75	0.8	2		tw	t?						Phyllic altered zone with two quartz-veinlets, surround by moderate clay alteration. Veinlets at 27.11m and 27.69m. Pale green envelopes are approx 10cm wide around the veinlets. Small silver specks noted - arsenopyrite(?).
			28.18	29.96	1.78		LT-GY								C	40											"Fresh" granodiorite, similar to 15.03-21.73m.
			32.96	35.50	2.54		GN-YW		m		f	tw															Phyllic overprinting clay alteration with weak silica flooding extending outwards from veining structures.
			33.28					EN							VT	70	1.5			m		Se	f	Qz	x		-Quartz veinlet, upper "contact" has a small quartz veinlet (0.1cm) bounded by tan-orange sericite.
			33.62				DK-GY	BX							VT	50				w							-Very diffused medium-dark grey, brecciated veinlets. Slight increase in disseminated sulphides.
			34.55	34.63	0.08		MT-GY					t			VN	60	8.0		60	s	ms	Gn	s	Cp	f		-Dark grey-sliver sulphide bearing quartz vein. Bands of massive sulphides noted (up to approx 1cm wide) within vein. Pyrite and galena dominant with arsenopyrite and chalcopyrite present. Diffused silicified envelope extends outwards from vein and overprints phyllic alteration.
								EN			m						5.0										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			35.13	35.24	0.11		GY-WH	VU							VN	70	5.0			ms	w	Gn	tw	He	m		Vuggy quartz vein, possibly multi-staged with white silica bounding a band (approx 1cm wide) of blebby sulphides. One blebby red-brown band noted - hematite(?).
35.50	51.72	16.22				GRD	GY-GN		tw	t		tw			FX	35-45		5									Granodiorite; Similar to 15.02-21.73m. "Fresh" medium-coarse grained, equigranular granodiorite. The matrix is very weakly phyllic altered. Low-moderate fracturing, surfaces often thinly coated with weak-moderate oxidized carbonate. Localized zones (up to approx 1.5cm wide) of weak clay alteration with weak-moderate phyllic overprint. These zones appear to be associated with veining structures that are bounded by tan-white carbonate (dolomite/ankerite?).
												w			VT	35-45	0.1	8						Cb	m		Moderate veining density; two types. The first is oxidized fracture fill, as mentioned above. The second is the multi-staged carbonate bounded quartz veining associated with phyllic envelopes. These are white-smokey grey in colour. No preferred orientation but envelopes have diffused contacts.
								BN							VT		<1	4		w		Qz	x	Do	ms		
								EN	f	w	t				C	55	2.0			f		Gn	tw				
																			f	w	t	Gn	tw	Mg	f		Sulphides mainly occur in phyllic altered zones as disseminated grains or blebs. Pyrite dominant with trace galena/arsenopyrite and rare chalcopyrite. Magnetite present throughout the matrix.
			36.73	37.35	0.62		LT-GN	EN	m	tw	tw	t			C	55											Phyllic altered zone with veinlets. Diffused envelope contacts. Banded veinlets, generally quartz bounded by carbonate.
								VU							VT	50	<1.5	4		t				Cb	m		
			37.94	38.51	0.57		LT-GN	EN	m	t	tw	tw			VT	50	0.5	5									Similar to 36.73-37.35m
			40.15	40.68	0.53		YW-GN	EN	ms	tw	tw				VT	45-75	0.3	9									Similar to 36.73-37.35m
			41.70	42.68	0.98		LT-GN		f			t			VT	70	0.5	7		f							Patchy stronger and weaker zones of phyllic altered core rock. Smokey quartz veinlets noted bearing blebby pyrite. Trace disseminated grains scattered in matrix also present.
			42.98	44.30	1.32		WH-GN	EN	ms	w					VT	45	0.7	4									Similar to 36.73-37.35m. Dark grey veinlets at 44.19-44.24m.
			44.19	44.24	0.05		DK-GY	BX							VN	45	3.0			tw							-Brecciated veinlet with angular to sub angular fragments of wall rock. Medium-dark grey matrix - possibly tourmaline(?).
			45.93	46.77	0.84		LT-GN		m	tw					VT	70-75	0.5	6		tw							Similar to 36.73-37.35m. Two zones of phyllic alteration with narrow veinlets. At 46.31m, a quartz veinlet is noted
			46.31										He	w	VT	30	0.3										-At 46.31m, a quartz veinlet is not in the phyllic zone but has red-brown (hematite?) envelopes.
			48.98	50.61	1.63	FLT?	OR-BN		tw	s		w			C	15											Possible fault zone(?). Moderate-strongly clay altered. Core rock is brecciated and crumbled with minor clay matrix. Upper contact is a low angle fracture with a carbonate veinlet.
51.72	54.76	3.04				GRD	WH-GN	BX	w	m	tw				FX	35-40		3									Granodiorite; Moderate clay and phyllic altered granodiorite, possibly envelope for proceeding dyke. Matrix appears weakly brecciated/fragmental. Sub rounded fragments (up to approx 3cm) noted, making up approx 10-20% of the interval. Low fracturing with decreased oxidized carbonate coating.
							BF								VT	60-70	0.5	3									Low-moderate veining, generally buff coloured, banded carbonate veinlets. Some show weak brecciation textures.
																											No significant sulphide mineralization noted.
54.76	60.45	5.69				FEL	BG-BF	PO	ms	f		tw			DY												Porphyritic Feldspar Dyke; Beige-buff weak-moderate porphyritic unit. White-cream phenocrysts are euhedral to subhedral in shape and up to 1cm across. Phenocryst size decreases moving downhole. The matrix has been sericitized with pale green retrograde phenocrysts. The upper contact is distinct and clear at approx 70° TCA while the lower contact is diffused and possibly at approx 40° TCA. moderately fractured, increasing at 58.98m. **[called "trachyte" dyke in trenches]**
															FX	60		8									
															VT	60	0.1	10									moderate veining density, narrow multi-stage white veinlets bounded by stringers of cream coloured sericite(?) with medium-dark grey envelopes. Silicified bands also noted, evidenced by a slight decrease in phenocrysts.
							DK-GY	EN			tw						0.5										
											ms				VT	50	1.5	6									
																			t								Trace total sulphides; very fine rusty brown specks are present - possible pyrite(?).
			58.98																								Below 58.98m, core rock becomes strongly fractured and blocky. In localized zones, core rock is brecciated with a weak-moderate clay matrix and has the appearance of a very coarse granular gouge - possible fault zone(?). Several veinlets carrying angular fragments in a weakly calcareous matrix noted.
			60.02	60.15	0.13			BX							FLT?												
60.45	64.75	4.30				GRD	BF-GN		m	w	t		chl	tw	FX	30		2									Granodiorite; Similar to 51.72-54.76m, lower envelope for dyke above(?). Moderate clay altered and phyllic overprinted, coarse grained granodiorite. Plagioclase phenocrysts noted altering into sericite. Locally dark-green blebs (<0.3cm) noted - chlorite(?). These zones are often associated with bands of weak silica flooding. Low fracturing, with thin carbonate coating fracture surfaces.
											m				VT	50-60	0.2	7									Moderate veining, often narrow stringers. Most commonly quartz flooded bands (white to grey in colour) with medium grey envelopes. The second type is bands of dark matrix breccia - possibly tourmaline matrix.
							MD-GY	EN									0.3										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
							DK-GY	BX							VT	50	1.5	2									
																			w	w	tw	Gn	tw				Low-moderate sulphides, generally disseminated and associated with veining structures.
			61.73	61.83	0.10		DK-GY	BX			m				VT	45	8.0										Brecciated band with dark coloured matrix. Sub angular clasts, up to approx 1cm are tan coloured.
			62.08	62.74	0.66		MT-GY				x				VN	60	12.0			ms	m	Gn	40	Cp	f		Interval of dark matrix breccia with sulphide bearing quartz vein. Polymetallic sulphides present; galena dominant with arsenopyrite and pyrite then pyrrhotite and chalcopyrite. Fine sulphides also noted throughout dark coloured matrix.
			63.88	64.21	0.33		MD-GN		f	t	w		chl?														Decreased clay and phyllic alteration, possibly increased chlorite and silica flooding. Clots of pyrite noted.
			64.21	64.75	0.54		WH-BF			m																	Increased clay alteration - likely due to dyke immediately downhole.
64.75	66.47	1.72				FEL	BG-BF	PO		m					DY	60											Felsic Dyke; Similar to 54.76-60.45m but with a much weaker porphyritic texture. Moderate-strongly clay altered. Beige-tan matrix with approx 5% cream coloured phenocrysts (<0.5cm). Upper 25cm of this interval is brecciated with moderate clay matrix that appears to be weakly pyritic grey bands - fault(?). Otherwise strong fracturing with blocky and shattered core.
															FLT?												
															FX	40-60		14									
															VT	50	0.7	9									Low-moderate veining, generally occurring as faint grey bands. Some appear to be quartz while others may contain sericite.
																			t?	t?							No significant sulphide mineralization noted, however, narrow bands of grey gouge material is present weakly throughout the interval - possibly pyritic gouge(?).
			64.75	65.04	0.29		WH-GY	BX		x					GO												Strongly brecciated zone with clay matrix and weak gouge.
66.47	83.32	16.85				GRD	BF-BN		m	ms	w		chl	tw	FX	30		2									Granodiorite; Moderately clay altered phyllic overprinted medium-coarse grained granodiorite. Patchy alteration zones with approx 5% of interval appearing to be "fresh" rock while approx 10% of interval is weak-moderately brecciated with very weak clay matrix. Localized patches of silica flooding is present, associated with veining structures. Moderate fracturing, two preferred orientation sets.
															FX	45-60		6									
												t	ser	f	VT	40-60	0.5	7									Moderate-high veining density, several different types. The most common is narrow (<0.5cm) multi-staged quartz bounded by carbonate veinlets. The second major type of veining id diffused bands (up to approx 10cm) of silicification. These often carry minor amounts of sulphides and are generally grey in colour. Light-medium grey siliceous envelopes are present for both vein types.
							MD-GY				x				VT	60-80	10.0	2	ms	w		Gn	w				
							LT-GY	EN			ms						1.0										
																			tw	tw	t?	Gn	t	Cp	t		Trace-weak total sulphides, locally disseminated clots up to approx 5% and mostly associated with veining structures. Pyrite dominantly present as small blebs (<0.5cm) with chalcopyrite noted in zones of stronger chlorite alteration. Galena mainly associated with silica flooded veining. Trace arsenopyrite(?).
			68.54	68.64	0.10		MD-GY				ms				VT	75	9.0		ms								Silica flooded "veinlets". Approx 10% metallic grey/silver mineral - possible arsenopyrite or tetrahedrite/tennantite(?). Diffused silicified envelopes extend approx 10cm on either side of veining.
			71.18	71.45	0.27	FEL	BG	PO							DY	55											Felsic dyke; similar to 64.75-66.47m. Strongly fractured and shattered core rocks. Very weakly porphyritic. No significant sulphides noted.
			73.28	73.39	0.11		DK-GY	BX							VN	75	10.0										Dark grey matrix supported breccia. Fragments are angular to sub angular and up to approx 1cm in size. Fine disseminated sulphides make up approx 5% - possibly tourmaline matrix(?).
			73.86	76.44	2.58		MD-GN	MO	w	f			chl	m								Bi	tw	Cp	t		Decreased clay alteration, increased hornblende to chlorite noted. Trace-weak amounts of secondary biotite grains also present (<0.5cm across), making up approx 1%. Slight increase in disseminated sulphide blebs. Chalcopyrite is noted in this interval.
			77.05	77.30	0.25		MD-GY				ms				VT	75	<1	7	l	f		Gn	m	Cp	t		Zone of grey quartz flooding with carbonate and mineralized bands (up to 1cm wide). Polymetallic sulphides present: galena, pyrite, trace chalcopyrite, and a metallic grey mineral - arsenopyrite/tetrahedrite(?).
															GO	70	5.0										
			77.77	79.24	1.47		MD-GN	MO	w	f	f		chl	w	VT	55	1.5	3				Bi	tw				similar to 73.86-76.44m. Decreased clay and phyllic alteration, weak increase in silica and chlorite. Dark grey-black biotite also noted. Four major veining structures noted, three of which appear to be brown coloured quartz veinlets and are cross cut by a white carbonate veinlet.
															VT	40	1.0	1									
			80.98	81.49	0.51			BX							GO												Brecciated interval with weak-moderate clay matrix. Approx 12cm long matrix supported section with angular fragments (<2cm). Weakly pyritic gouge present.
83.32	86.93	3.61				FEL	BN-BF	PO	f	f					DY	70											Porphyritic Felsic Dyke; Pale brown-purple matrix with subhedral zoned plagioclase phenocrysts (up to 2cm across). Contact zones are stronger clay altered and have a more aphanitic texture. Strong fracturing, fairly weak rock with brecciated/clay matrix section making up approx 15%. Low veining, dominantly cream quartz-carbonate veinlets. No significant sulphide mineralization noted.
															FX	25-40		10									
															VT	50		3									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
86.93	89.55	2.62				GRD	MT-GY		f	tw	x				C	50			x	s	tw	Gn	w	Sp	ms	x	Quartz Flooded Granodiorite; Host rock appears to be a moderate-strongly silicified, phyllic altered granodiorite. Mineralization occurs in strongly silicified grey sections. Polymetallic sulphides, dominantly pyrite with galena, sphalerite, chalcopyrite, arsenopyrite, and possible tennantite (white-silver cubic mineral). Occurs as disseminated grains (mostly in brecciated zone) and as large clots/discontinuous bands (up to 3cm wide).
																						Cp	tw	Po?			
			86.93	87.62	0.69	FLT?		BX							GO					s								Contact zone; strongly brecciated with pyritic gouge/clay matrix. One low angle fracture noted.
			88.39	89.10	0.71	VN	GY-BK	MO			x				VT	55	2.0		35	x	w	Gn	m	Sp	s		Strongly silicified and mineralized zone. Veining appears to behave a preferred orientation. Fragmented tan coloured carbonate veinlets entrained with white angular phenocrysts (<1cm).
																						Cp	tw	Po?	f		
			89.44	89.60	0.16		DK-GY	BX							VT	9				ms								Similar to 72.28-73.39m. Pyrite clots (up to 1.5cm) present.
89.55	99.52	9.97				GRD	GY-BF		m	m	m				FX	30-40		7				Bi	t				Granodiorite; Moderately altered granodiorite with zones of increased clay alteration and phyllic overprinting and zones of moderate silicification. Secondary biotite noted (<0.5cm grains). Moderate fracturing, mostly low-moderate angles (<45°) TCA. Very minor zones of brecciation, generally <2cm wide. Moderate veining density; narrow tan-cream bands, mostly occurring in zones of increased clay alteration (infilled with quartz?). Trace sulphides, occurring as disseminated blebs.
															VT	60	0.5	5									
																			t	t							
			90.33	90.43	0.10		MD-GY				s				VT	70	4.5		60	l	t	Gn	x	Cp?	tw		Silicified interval with sulphide bands.
			91.49	91.69	0.20		LT-GY				l									w		Sp?	tw				Silicified interval, slight increase in sulphides.
			92.81	93.96	1.15		GY		tw	w	s											Bi	tw				Increased silicification with decrease in clay and phyllic alteration. More pronounced secondary biotite.
			94.82	95.52	0.70		GY		tw	w	s																Similar to 92.81-93.96m. Possible potassic overprinting(?).
99.52	102.10	2.58				BXA	BG/BK		tw	m	ms				FX	65		4									Breccia; Dark grey matrix breccia with altered tan coloured granodiorite fragments (up to approx 20cm in core). Fragments are similar to the unit immediately uphole (clay altered and silicified). Pale grey strongly silicified fragments also noted. Clasts are angular in shape. Dark grey matrix is pyritic and may be comprised partly of tourmaline(?). Moderately fractured, blocky core rock.
															C	55											Upper contact begins with a silica flooded vein then abruptly into the breccia. The lower contact is strongly brecciated with strong clay/coarse granular gouge matrix - faulted contact.
															C		15.0										
							DK-GY								VT	60	<0.3	5									Moderate veining density. Dark grey narrow veinlets (<0.3cm) likely similar to breccia matrix. Another vein style is the light-medium grey silica flooded "veinlets" bearing sulphide blebs and bands. Tan white sericite altered ands are also present with angular fragments (<2cm) of host rock and can have vuggy textures.
							MD-GY				x				VT	50	10.0	1	m								
							TN-WH	VU							VT	65	1.5	2									
																			ms	m	w	Gn	tw	Cp	t		Moderate-strong total sulphides, mostly disseminated pyrite in dark matrix and silicified bands.
			101.56	101.72	0.16		MD-GY				x				VN	50	12.0		30	ms	ms	Gn	tw	Cp	tw		Silicified band bearing sulphides.
102.10	102.88	0.78				FEL	BF	PO	ms	m					DY												Felsic Dyke; Strongly clay and phyllic altered porphyritic quartz-feldspar dyke. Moderate fractured and blocky core, no measureable orientation. No significant veining or sulphide mineralization noted.
102.88	106.68	3.80				BXA	BG/BK		w	m	ms				FX	45-60		12									Breccia; Similar to 99.52-102.10m. Dark grey matrix supported breccia with altered granodiorite clasts. Strongly fractured, blocky and rubbly core rock. Approx 30-40% of this interval has moderate-strong clay/granular gouge matrix. These zones are generally at the upper and lower contacts. Difficult to determine veining due to brokenness of core.
																			s	m	tw	Sp	t				Moderate sulphides. Dominantly disseminated pyrite with trace arsenopyrite and sphalerite.
			102.88	103.56	0.68		GY	BX		l					C				40	x	ms						Contact zone; strongly brecciated with clay matrix and pyritic gouge (approx 80% of the interval contains clay matrix).
			103.56	104.86	1.30	GRD																					Likely a large granodiorite clast within the breccia.
			105.90	106.68	0.78			BX		l					C												Contact zone; strongly brecciated section with clay matrix. Minor pyritic gouge but no significant change in sulphide content. No measureable contact - minor cave material noted.
106.68	111.37	4.69				FEL	BF	PO	m	m	f				DY												Felsic Dyke; Phyllic altered and weak-moderately silicified quartz-feldspar porphyry dyke. Phenocrysts are often subhedral in shape and up to 0.7cm across in size. Strongly fractured with zones of blocky and shattered core rock. The lower contact appears to be at approx 75° TCA while the upper contact is in a rubble zone. No significant sulphide mineralization noted.
															FX	30-50	15.0										
							BG-WH								VT	50-60	<0.5	4									Moderate veining density, cream-white bands (<0.5cm) common as well as smokey quartz veinlets (<0.5cm).
							MD-GY								VT	40	<0.5	5									

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other										Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
111.37	112.36	0.99				BXA	BK/BG		f	tw	m								s	m		Gn	t	Cp?			Breccia; Similar to 99.52-102.10m. Dark grey matrix supported breccia with angular to sub angular fragments of altered granodiorite (up to 4cm in core). Slightly stronger phyllic altered and silicified than before. Disseminated sulphides are noted in matrix and clasts, dominantly pyrite with trace galena and possible chalcopyrite.
112.36	121.18	8.82				GRD	BF-GY		f	m	m				FX	45-60		7				Bi	tw				Granodiorite; moderate-clay altered and phyllic overprinted coarse grained granodiorite with localized zones of moderate-strong silicification. Strongly degraded secondary biotite present in weak amounts. Low-moderate fracturing.
							BG-WH								VT	50	<0.5	3				Qz	50	Cb	x		Moderate veining; several types. First is a cream coloured quartz-carbonate veinlet. The second type is dark grey veinlets - possibly quartz or tourmaline (similar to breccia matrix material) and is weakly pyritic. The third is diffused zones of silica flooding. Mineralization is often associated to this type of veining.
							DK-GY				x				VT	40	<0.3	2									
							LT-GY				x				VT	60	5.0	2	s	ms		Gn	w				
																			ms	ms	t?	Gn	tw	Cp	t		Moderate total sulphides, mainly associated with zones of silicification. Dominantly disseminated pyrite in the matrix with galena occurring as bands in silica flooded zones. Trace sphalerite and chalcopyrite noted. Possible arsenopyrite.
																						Sp	tw				
			113.23	114.24	1.01		LT-GY				ms				VT	80	<5	3	l	m		Gn	w	Cp	t		Interval with three light grey silica flooded zones/"veinlets". Increased sulphides, occurring as clots in discontinuous veinlets.
																						Sp	tw				
			115.17	115.53	0.36		GY-GN		f		ms				VT	60	4.0	1		ms	t?	Gn	ms	Sp	w		Similar to 113.23-114.24m. Moderate-strongly silicified matrix with one quartz vein carrying approx 10% galena.
			117.77	118.19	0.42		DK-GY	BX												m							Zone of blocky core rock appears to be the dark grey matrix breccia. Thin coating of light grey gouge is present on fracture surfaces. Disseminated pyrite noted.
121.18	124.23	3.05				GRD	GN/GY	MO	w	tw	m		pot?	t	FX	40-60	3.0										Granodiorite; Weak-moderate altered granodiorite. Very weakly clay altered with weak-moderate phyllic overprint. Matrix is hard and moderately silicified. Pink kspars still present. Low-moderate fracturing and low veining. Narrow white to green coloured veinlets appear to be dominantly comprised of quartz with minor carbonate and weakly chlorite altered. Trace-weak total sulphides. Narrow pyrite stringers noted along with narrow white-silver sulphides (arsenopyrite or tennantite?).
															VT	30	0.2	4									
																			tw								
			122.53	122.81	0.28			EN	w	m	m		chl	tw	VT	50	0.7					He?					Moderate bleached/altered interval, envelope to banded quartz ± carbonate veinlet. Dark grey pyritic bands bounding veinlet. No significant changes in sulphide content. Possible hematite.
124.23	128.48	4.25				GRD	BF-GY		w	m	f				FX	30-40		4									Granodiorite; Similar to 112.36-121.18m. Moderate clay altered weakly phyllic overprinted coarse grained granodiorite. Small localized zones of grey silicification, often associated with narrow veinlets. Weak-moderate fracturing. Moderate veining density, often occurring as small zones (<4cm) of diffused silica flooding. These zones are associated with minor mineralization.
								EN			m				VT	50-60	<4	6	w	tw							
																			tw	tw		Gn	t				Trace-weak total sulphides, dominantly pyrite as disseminated grains or narrow stringers in grey silicified zones. White-silver mineral also noted in this interval (arsenopyrite?). Trace galena.
			125.28				BN								VT	30	2.5										Brown and green quartz vein (biotite altered?).
			127.17	128.10	0.93		GN-PK	MO	w	w	f																Slight increase in silicification and decrease in clay alteration.
128.48	140.28	11.80				GRD	GN-PK		tw				pot	w	FX	25-30		3									Granodiorite; Weakly altered coarse grained granodiorite. Trace to no clay alteration with weak patchy phyllic overprint. Weak potassic alteration gives matrix a slight pink colouring. Moderate fracturing. Minor calcareous gouge coating lower angled fracture surfaces. Occasional sub rounded xenoliths (<10cm in core) present.
															FX	50-60		5									
							WH								VT	20-30	0.3	4				Qz	m	Cb	l		Low-moderate veining, two styles. Narrow calcareous stringers are present and tend to be slightly wispy in texture. The second type is light-medium grey silica veinlets, often carrying sulphides.
															VT	55-70	0.2	5	w			Qz	f				
																			w	tw	t?	Mg	w	Cp?			Weak amounts of total sulphides, dominantly pyrite occurring as fine disseminated grains or carried in veinlets. Possible arsenopyrite, chalcopyrite, and sphalerite noted. Magnetite is present throughout the matrix.
			137.93	138.17	0.24		GY-GN		w						VT	65	0.3	3									Slight increase in phyllic alteration associated with three cram quartz-carbonate veinlets.
			139.08	139.53	0.45		GY-GN		f																		Similar to 137.93-38.17m. A zone of increased phyllic alteration followed by a zone of brecciation and clay/gouge matrix - possibly small fault(?).
								BX		w					FLT?	55	8.0										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
140.28	149.42	9.14				GRD	GY		t				pot	tw	FX	30		3									Granodiorite; "Fresh" or very weakly altered granodiorite with localized patches of weak potassic overprinting. Low-moderate fracturing, two preferred orientation sets noted. One zone of strong brecciation noted with shattered and rubble core fragments at 143.73-144.02m.
															FX	50-60		3									
															VT	30-45	0.3	3	f								Low-moderate veining density. Narrow wispy light grey quartz veinlets present often carrying trace-weak sulphides.
																			tw	t		Mg	tw	He	t		Trace sulphides, mostly associated with veining structures. Pyrite dominant with minor hematite. Magnetite is present throughout the matrix.
149.42	158.50	9.08				GRD	GY-PK		t	t			pot	w	FX	20-30		3									Granodiorite; similar to 128.8-140.28m. Weakly altered coarse grained granodiorite. Patchy potassic alteration with very weak phyllic overprint. Moderate-strong fracturing, two preferred orientation sets. Lower angled set often have calcareous gouge coating fracture surfaces. moving downhole, low angle fractures become larger and run sub parallel to core axis.
															FX	50-60		6									
															VT	40-65	0.5	6									Moderate veining density, similar to unit uphole. Cream coloured banded quartz-carbonate veinlets and narrow sulphide bearing stringers. All veinlets tend to have diffused silicified envelopes (light grey and occasionally weak kspar(?).
															VT	50-70	0.3	4									
																			tw	t		Mg	tw				Trace-weak sulphides, generally occurring as fine pyrite blebs, scattered throughout the matrix. Magnetite is also present.
			151.50					BX							FX	30		1									Low angle fractures with moderate brecciation and clay matrix.
			158.15	158.50	0.35				w	tw	f		epi?		VT	50	1.0	2		tw							Interval with increased alteration, likely associated with veining structures. Possible weak epidote alteration. Hole terminates in this altered zone.
																											EOH at 158.5m.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

SAMPLE LOG

HOLE: KL-10-03 ***(### = sawn samples)***

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	3.90	3.90			N/S						Casing; no recovery
3.90	7.18	3.28	2.47	76	***J982416***	1					
7.18	10.25	3.07	3.19	100	***J982417***	1					
10.25	13.12	2.87	2.44	86	***J982418***	1					
13.12	15.03	1.91	1.81	95	***J982419***	1					clay, sericite alteration with veining
15.03	17.23	2.20	2.19	100	***J982420***	1					"fresh" rock with minor fracture
					J982421	1					Quarter split duplicate of ***421
17.23	19.73	2.50	2.29	92	***J982422***	1					
19.73	21.73	2.00	1.70	85	***J982423***	1					
21.73	23.12	1.39	1.13	81	***J982424***	1					
23.12	25.10	1.98	1.73	87	***J982425***	1					
25.10	26.97	1.87	1.29	69	***J982426***	1					
					J982427	1					Standard: CDN-SE-2
26.97	28.18	1.21	1.19	98	***J982428***	1					
28.18	29.96	1.78	1.57	88	***J982429***	1					"fresh" rock
29.96	32.96	3.00	2.93	98	***J982430***	1					
32.96	35.50	2.54	2.37	95	***J982431***	1					clay, sericite alteration with veining
					J982432	1					Blank
35.50	36.75	1.25	1.31	100	***J982433***	1					
36.75	38.51	1.76	1.79	100	***J982434***	1					
38.51	40.68	2.17	2.15	99	***J982435***	1					
40.68	42.98	2.30	2.23	97	***J982436***	1					
42.98	44.30	1.32	1.29	100	***J982437***	1					including 3cm tourmaline vein
					J982438	1					Standard: CDN-SE-2
44.30	46.77	2.47	2.51	100	***J982439***	1					
46.77	48.98	2.21	2.18	100	***J982440***	1					
48.98	51.72	2.74	2.16	79	***J982441***	1					
51.72	54.76	3.04	2.96	97	***J982442***	1					envelope to dyke?
54.76	57.92	3.16	2.67	84	***J982443***	1					dyke
57.92	60.45	2.53	2.33	92	***J982444***	1					dyke with fault?
60.45	62.08	1.63	1.61	99	***J982445***	1					
62.08	62.74	0.66	0.64	97	***J982446***	1					brecciated zone with mineralization
					J982447	1					Blank
62.74	64.75	2.01	1.91	95	***J982448***	1					
64.75	66.47	1.72	1.55	90	***J982449***	1					dyke
66.47	68.54	2.07	1.83	88	***J982450***	1					
68.54	71.18	2.64	2.49	95	***J982451***	1					
71.18	73.86	2.68	2.70	100	***J982452***	2					includes small felsic dyke
73.86	76.44	2.58	2.49	97	***J982453***	2					
76.44	79.24	2.80	2.62	96	***J982454***	2					
79.24	81.49	2.25	2.34	100	***J982455***	2					
81.49	83.32	1.83	1.80	98	***J982456***	2					
					J982457	2					Quarter split duplicate of ***456
83.32	84.95	1.63	1.51	93	***J982458***	2					porphyritic dyke
84.95	86.93	1.98	1.98	100	***J982459***	2					porphyritic dyke
86.93	89.55	2.62	2.31	88	***J982460***	2					mineralized intercept
					J982461	2					Blank
89.55	91.69	2.14	2.13	100	***J982462***	2					two small mineralized bands
91.69	93.96	2.27	2.21	97	***J982463***	2					
93.96	96.76	2.80	2.78	99	***J982464***	2					
96.76	99.52	2.76	2.75	100	***J982465***	2					
					J982466	2					Standard: PL-2
99.52	102.10	2.58	2.42	94	***J982467***	2					breccia
102.10	102.88	0.78	0.73	94	***J982468***	2					dyke
102.88	104.86	1.98	1.86	94	***J982469***	2					contact zone
104.86	106.68	1.82	1.26	69	***J982470***	2					breccia

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
106.68	109.00	2.32	1.37	59	***J982471***	2					dyke
109.00	111.37	2.37	2.09	90	***J982472***	2					dyke
111.37	112.36	0.99	1.03	100	***J982473***	2					breccia
					J982474	2					Standard: CDN-SE-2
112.36	114.24	1.88	1.90	100	***J982475***	2					includes three veining zones
114.24	115.62	1.38	1.38	100	***J982476***	2					
115.62	118.19	2.57	2.34	91	***J982477***	2					
118.19	121.80	3.61	2.92	81	***J982478***	2					
121.80	124.23	2.43	3.00	123	***J982479***	2					
124.23	126.31	2.08	1.89	91	***J982480***	2					
126.31	128.48	2.17	2.16	100	***J982481***	2					
128.48	131.06	2.58	2.58	100	J982482	2					
131.06	134.11	3.05	1.99	65	J982483	2					
134.11	137.16	3.05	2.92	96	J982484	2					
					J982485	2					Blank
137.16	140.23	3.07	3.10	101	J982486	2					
140.23	143.26	3.03	2.89	95	J982487	2					
143.26	146.30	3.04	2.98	98	J982488	3					
146.30	149.42	3.12	3.10	99	J982489	3					
					J982490	3					Quarter split duplicate of ***489
149.42	152.40	2.98	2.89	97	J982491	3					
152.40	155.45	3.05	2.98	98	J982492	3					
155.45	158.50	3.05	3.08	100	J982493	3					
	EOH										

GEOTECHNICAL LOG

HOLE: KL-DDH-10-03

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
3.90	6.10	2.20	2.10	95	1	40				
6.10	9.14	3.04	2.57	85	1.10	36				
9.14	12.19	3.05	2.62	86	1.43	47				
12.19	15.24	3.05	2.65	87	1.80	59				
15.24	18.29	3.05	2.95	97	2.69	88				
18.29	21.33	3.04	2.60	86	1.32	43				
21.33	24.38	3.05	2.82	92	1.37	45				
24.38	27.43	3.05	2.36	77	1.13	37				
27.43	30.48	3.05	2.78	91	1.97	65				
30.48	33.53	3.05	3.00	98	2.88	94				
33.53	36.58	3.05	2.96	97	1.36	45				
36.58	39.62	3.04	3.00	99	2.40	79				
39.62	42.67	3.05	2.79	91	2.32	76				
42.67	45.72	3.05	2.86	94	2.00	66				
45.72	48.77	3.05	2.95	97	1.34	44				
48.77	51.82	3.05	2.70	89	0.90	30				
51.82	54.86	3.04	2.97	98	2.84	93				
54.86	57.92	3.06	2.55	83	1.41	46				
57.92	60.96	3.04	3.04	100	1.14	38				
60.96	64.09	3.13	2.90	93	2.65	85				
64.09	67.06	2.97	2.80	94	1.02	34				
67.06	70.10	3.04	2.82	93	2.42	80				
70.10	73.15	3.05	2.90	95	1.32	43				
73.15	76.20	3.05	2.95	97	1.58	52				
76.20	79.24	3.04	2.75	90	2.02	66				
79.24	82.30	3.06	2.91	95	2.25	74				
82.30	85.34	3.04	3.02	99	1.21	40				
85.34	88.39	3.05	2.90	95	1.46	48				
88.39	91.44	3.05	3.00	98	2.11	69				
91.44	94.49	3.05	2.81	92	2.38	78				
94.49	97.54	3.05	2.93	96	2.57	84				
97.54	100.58	3.04	2.88	95	2.61	86				
100.58	103.63	3.05	3.05	100	0.98	32				
103.63	106.68	3.05	2.30	75	0.80	26				
106.68	109.73	3.05	2.47	81	0.27	9				
109.73	112.78	3.05	2.85	93	1.81	59				
112.78	115.82	3.04	3.04	100	2.08	68				
115.82	118.87	3.05	3.05	100	1.45	48				
118.87	121.92	3.05	2.92	96	2.05	67				
121.92	124.97	3.05	2.92	96	2.52	83				
124.97	128.02	3.05	2.93	96	2.26	74				
128.02	131.06	3.04	2.73	90	2.08	68				
131.06	134.11	3.05	3.05	100	2.17	71				
134.11	137.16	3.05	2.82	92	2.14	70				
137.16	140.21	3.05	3.03	99	2.72	89				
140.21	143.26	3.05	3.05	100	2.89	95				
143.26	146.30	3.04	2.95	97	2.27	75				
146.30	149.35	3.05	3.05	100	2.97	97				
149.35	152.40	3.05	2.85	93	1.74	57				
152.40	155.45	3.05	3.04	100	2.95	97				
155.45	158.50	3.05	3.01	99	2.91	95				

MAGNETIC SUSCEPTIBILITY LOG

HOLE: KL-DDH-10-03

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			6.14	
5.00			0.32	
6.00			4.52	
7.00			0.25	
8.00			1.04	
9.00			0.65	
10.00			1.37	
11.00			14.50	
12.00			20.60	
13.00			18.50	
14.00			0.34	
15.00			21.60	
16.00			27.00	
17.00			26.90	
18.00			37.30	
19.00			34.60	
20.00			25.10	
21.00			23.20	
22.00			0.43	
23.00			13.40	
24.00			0.45	
25.00			0.42	
26.00			0.87	
27.00			0.93	
28.00			1.39	
29.00			31.70	
30.00			0.49	
31.00			1.17	
32.00			0.56	
33.00			0.53	
34.00			0.14	
35.00			0.29	
36.00			3.07	
37.00			0.62	
38.00			1.66	
39.00			11.20	
40.00			2.47	
41.00			8.34	
42.00			2.34	
43.00			3.75	
44.00			0.51	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			20.80	
46.00			1.04	
47.00			19.80	
48.00			8.60	
49.00			2.04	
50.00			0.40	
51.00			25.70	
52.00			0.32	
53.00			0.40	
54.00			0.29	
55.00			0.25	
56.00			0.27	
57.00			0.32	
58.00			0.23	
59.00			0.18	
60.00			0.31	
61.00			0.40	
62.00			0.27	
63.00			0.25	
64.00			2.94	
65.00			0.23	
66.00			0.31	
67.00			0.36	
68.00			0.38	
69.00			0.53	
70.00			0.34	
71.00			0.34	
72.00			0.38	
73.00			0.49	
74.00			3.97	
75.00			0.65	
76.00			1.51	
77.00			0.27	
78.00			1.62	
79.00			0.34	
80.00			0.54	
81.00			0.20	
82.00			0.25	
83.00			0.31	
84.00			0.25	
85.00			0.25	
86.00			0.21	
87.00			0.20	
88.00			0.14	
89.00			0.14	
90.00			0.38	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			0.42	
92.00			0.51	
93.00			2.92	
94.00			1.11	
95.00			6.38	
96.00			0.45	
97.00			4.55	
98.00			0.56	
99.00			0.34	
100.00			0.32	
101.00			0.18	
102.00			0.21	
103.00			0.32	
104.00			0.29	
105.00			0.31	
106.00			0.29	
107.00			0.14	
108.00			0.10	
109.00			0.25	
110.00			0.16	
111.00			0.31	
112.00			0.43	
113.00			0.31	
114.00			0.58	
115.00			0.82	
116.00			0.29	
117.00			0.36	
118.00			0.53	
119.00			0.29	
120.00			0.36	
121.00			0.53	
122.00			10.20	
123.00			6.25	
124.00			0.65	
125.00			0.29	
126.00			0.69	
127.00			0.34	
128.00			6.05	
129.00			26.30	
130.00			14.60	
131.00			5.85	
132.00			32.10	
133.00			28.30	
134.00			29.20	
135.00			22.10	
136.00			24.40	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			21.10	
138.00			0.89	
139.00			17.90	
140.00			35.10	
141.00			6.99	
142.00			29.10	
143.00			17.20	
144.00			29.30	
145.00			21.60	
146.00			24.30	
147.00			21.80	
148.00			22.90	
149.00			22.20	
150.00			0.34	
151.00			23.80	
152.00			0.36	
153.00			4.28	
154.00			18.70	
155.00			13.50	
156.00			21.60	
157.00			21.50	
158.00			6.00	

BOX LOG

HOLE: KL-DDh-10-03

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)	
1	3.90	7.88	36	145.90	149.95	
2	7.88	11.80	37	149.95	153.85	
3	11.80	15.90	38	153.85	157.80	
4	15.90	19.90	39	157.80	158.50	EOH
5	19.90	23.68				
6	23.68	28.18				
7	28.18	32.35				
8	32.35	36.30				
9	36.30	40.05				
10	40.05	44.30				
11	44.30	48.40				
12	48.40	52.14				
13	52.14	56.20				
14	56.20	60.35				
15	60.35	64.60				
16	64.60	68.85				
17	68.85	72.78				
18	72.78	76.80				
19	76.80	80.90				
20	80.90	84.95				
21	84.95	88.90				
22	88.91	93.10				
23	93.10	97.48				
24	97.48	101.50				
25	101.50	105.15				
26	105.15	109.75				
27	109.75	113.40				
28	113.40	117.25				
29	117.25	121.55				
30	121.55	125.55				
31	125.55	130.00				
32	130.00	134.11				
33	134.11	137.93				
34	137.93	141.83				
35	141.83	145.90				

PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382694	6889232	1442	131.80

ZONE:

SECTION:

HOLE: KL-10-04

CLAIM: YC37990

Contractor: Top Rank

Drill:

Core size: NTW (EOH/131.80m)

Casing depth: 4.40 (m) in / **out**

Drilling dates: August 08-09 2010

Geology logged by: M. Phillips

TARGET: TR-10-04

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	30	-50.0	compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.40	4.40		Casing, no recovery
4.40	42.52	38.12		Porphyry hosting sheeted quartz-pyrite vienlets.
42.52	104.70	62.18		Strong phyllic altered granodiorite with weak veinlets
				of sericite and pyrite, quartz-sericite and quartz-pyrite
				veinlet to 1cm
104.70	116.83	12.13		Porphyry with medium sized phenocrysts hosting
				phyllic altered envelopes and quartz-pyrite veinlets
116.83	131.81	14.98		Granodiorite with weak propylitic alteration hosting
				chlorite and calcite. Some fracture breccia zones
				E.O.H. 131.81m

SAMPLES

Numbers: E147219 - E147250, E147301 - E147341

Total: 73

Batch: 8, 9 (37 samples)

Date Sent:

Certificate: WH10158290, WH10158360

COMMENTS

GEOLOGY LOG

HOLE: KL-10-04

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
0.00	4.40	4.40																									Casong - No core recovery
4.40	8.07	3.67				POR	GN	PO		f												Mn	w				
			5.00	8.07	3.07	POR	OR			m																	Increase oxidation to bottom contact
8.07	9.45	1.38				VEN	OR	SH			t				VN	50			o			Li	w				
			8.07	8.36	0.29	VEN				l	w																sheared at upper contact, speck increase to belb quartz
			8.36	8.40	0.04	FLT				l	w																Intense clay - vein fault
			8.40	9.45	1.05	VEN					l																Increase bleb quartz to 3cm white quartz at bottom contact
9.45	13.40	3.95				POR	ORGN	PO		w									t	t		Li	t				Below 12.85 increase feldspar phenocrysts
			9.45	9.55	0.10					s					Bx	60											Weak breccia, vein contact chilled
			13.25	13.40	0.15	VEN				l	ms								t		t						patches silicification - trace arsenopyrite
13.40	14.92	1.52				VEN				10	90								tw	t	tw						
			13.40	14.28	0.88	VEN				10	90								tw	t	tw						White quartz vein - weak fracture sulphides
			14.28	14.92	0.64	BXA		BX		75	25				Go	50			t								1cm clasts quartz in clay matrix
14.92	15.54	0.62				POR	OR	BX		95	m								t								Breccia - sand size fragments in clay matrix, weak quartz
15.54	16.90	1.36				POR	OR	SH		90	t								t			Mn	w				Weak sheared to breccia
16.90	17.14	0.24				VEN	ORGN	BX	10	70	ms								w								Vein - patches quartz, 25% very weak breccia
17.14	17.70	0.56				POR	ORGY	SH		80									t								Porphyry - weak sheared, minor quartz phenocrysts
17.70	18.00	0.30				VEN	ORGY		35	15	50				VN	60			t								Vein H/W 10cm phyllic; 15cm silicified POR and 5cm gougy clay on F/W
18.00	18.30	0.30				POR	OR	SH	s	85					FLT	55			t								Vein FLT at 18.30 55 degree fault gouge, throughout strongly clay and small patches phyllic altered
18.30	36.10	17.80				POR	GYOR	PO		s									t?								POR - clay altered, mafics to clay, very fine sulphides(?)
		0.00	27.06	27.16	0.10	BXA				s					FLT	60											BRA - clasts to 4cm in a clay matrix
			27.74	27.90	0.16	VEN	GNLT				f				VT	60											Chalcedonic veinlets <5mm
			28.35	28.48	0.13	VEN	ORGY			l	t				VN	60			t								Vein top sheared grading to BR; bottom 10cm fine blebs black quartz and pyrite
			28.77	28.82	0.05	VEN	GY				s				VT	60			o								VT quartz <3mm
			31.80	31.95	0.15	VEN	OR			90	f				VN	25			o								Vein - sheared and brecciated, weak <5mm quartz clasts
			34.17	34.27	0.10	VEN	LTGY		m						VN	55			t?								Vein? - sheeted fractures - phyllic altered

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			35.10	35.28	0.18	VEN	LTGY				m				VN	45											Ven - 3 - <3mm. Chalcedonic qz vt
36.10	38.32	2.22				POR																					
			36.10	36.60	0.50	FLT	OR	BX							SH	60											FLT - upper 25cm strong sheared and lower 25cm, br - clasts POR in clay matrix
			36.60	36.64	0.04	POR	BLBN																				POR - strong fractured in part gnessic
			36.64	36.73	0.09		BXA																				Breccia - in part gougy h/w contact vein zone
			36.73	37.40	0.67	VEN	BNGY				tw	o							tw	t	t						VEN - brown porphyry with clasts med dark gray porphyry clasts fair dark quary and metallics
			37.40	38.32	0.92	POR	BN	PO							BX	70											Strong fractured; on bottom contact 10cm br - on H/W of vein
38.32	38.70	0.38				VEN	DKCY	BX	20		20								w	t	t						VEN - phyllic and silic alteration decreasing to bottom
38.70	40.37	1.67																									
			38.70	39.54	0.84	DKGY			20	20	20				FLT	25			tw	t	t						VEN btm 20cm sheared - microbreccia; throughout silic and phyllic weak
			39.54	39.93	0.39	BXA	LTBN		l	70	m				FLT	10			tw								Clasts <5cm phyllic sx - tw
			39.93	40.33	0.40	GRD	GYMD		25	75									tw								GRD - wk,sh and fr, dis sx
			40.33	40.37	0.04	FLT	BK	SH	?						FLT	80			tw								Possible vein but no vein qz or qz-sericite
40.37	42.52	2.15				POR	GNGY	PO		m																	Porphyry
			42.40	42.52	0.12	VEN	GNBK			70	m				FLT	80			w			Gn	tw				Vein - sh, wk, bx, sh sx - black, at bottom clasts white qz - Gn
42.52	59.43	16.91				GRD	OR	BX			ms																GRD - qz clasts, bx - milled to coarse bx
			42.52	42.70	0.18	VEN	GNBC	BX							FLT	80			tw								Bx - strong (SH)
			43.10	44.80	1.70	GRD	GYLT	BX		80	ms								tw								GRD - to 44.10m - highly shr and microbreccia - in part porphyry? Top 30cm - dk bands <3mm - sheared py?; qz clasts sx to 44m below. Dk qz-py vts. Br - dcr to bottom
			44.80	46.35	1.55	GRD	GYLT			80	t								t								Bleached occ weak narrow br; disseminated, spot and fracture py; very weak bleb qz and sx
			46.35	46.80	0.45	GRD	GYLT	BX		90					FLT	10			t								FLT - bottom contact BX; source may be <5cm BR porphyry dyke
			46.80	48.36	1.56	GRD	GYLT			50	tw								t								Decreasing clay alteration, fracture - py and qz very weak; disseminated py weak
			48.32	49.20	0.88	GRD	ORLT			50	ms				VT	60			t								VT - <0.5mm - 2cm black - silica and very fine sx in br, occ black blebs to 2cm and rare bleb clear quartz flooded and weak pyrite, density is 1/10cm
			49.20	49.98	0.78	GRD	ORLT			60																	Alteration - cy increases to bottom
			49.98	50.13	0.15	VEN	GNMD		80		ms				VN	50			tw	tw							VEN - 10mm white qz with envelope of phyllic (sc and sx) alteration; in envelope 1-5mm black quartz and pyrite veining
			50.13	50.48	0.35	GRD	ORLT			20									o			He	t				GDR - decrease alteration to bottom

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			50.48	51.83	1.35	GRD	GNDK													t							GDR - propylitic altered
			51.83	52.34	0.51	GDR	ORLT	XL		10	t								t	t		He?	t				GDR towards bottom very weak dark veinlets (qz and py?)
			52.34	52.67	0.33	VEN	GYMD	BX	50		50				FLT	55											VEN - HW FLT - 1cm crushed rock and on FW FLT - 4cm crushed; mainly qz and qz-sericite, a patech black vt - 1cm silica and fine pyrite
			52.67	53.85	1.18	GDR	OR			30										t		He?	t				GDR - biotite stable, disappear to bottom contact
			53.85	54.21	0.36	VEN	GYBK				25				VN	45			tw	t							VEN at top 15cm phyllic altered, below 10cm black - silica and very fine pyrite, on bottom and 5cm strong sheared - quartz-sericite 15% black silica and py
			54.21	55.80	1.59	GDR	GNGY													t		Mg	w				At top 20cm bleached and clay altered grading to propylitic altered
			55.80	57.30	1.50	GDR	GYLT		10	20	t				VT	50				t							GDR - bleached, biotite stable; 1/10-20cm intervals, 50 degree 1-10m quartz-sericite-py veinlet occ sericite envelope; bottom contact
			57.30	57.82	0.52	GDR	GNGY																				GRD - propylitic altered
			57.82	58.16	0.34	GDR	GYLT			20										t							GDR - bleached, increase alteration to bottom
			58.16	58.32	0.16	VEN	GNDK	BX	70	20	10				VEN	60			w	tw							VEN - quartz-sericite-py envelope around a 6cm core of brecciated clay and black silica - sulphide clasts
			58.32	59.25	0.93	GDR	GYLT	XL		20																	GDR - biotite stable, increase alt to bottom very weak qz-sericite fractures
			59.43	59.43	0.00	VEN	GNGY		80	10	10				VN	55			t	tw							VEN - quartz-sericite alt band, belbby quartz, 1-8mm wide black fine breccia-soft-sheared sulphides
59.43	60.70	1.27				GDR	GYLT	XL			tw				VT	45			t	t							GRD - biotite stable, cy alteration decrease to bottom; one qz-pyrite vt (<2mm) and one 1cm bleb <1cm fine breccia in black silicious matrix
60.70	63.43	2.73				GDR	GNDK	XL	o	o	o									t		Mg	m				GDR - propylitic altered
63.43	64.80	1.37				GDR	GYLT	XL		50									t	t							GDR - bleached, increase alteration to bottom qz-pyrite (high) vts 1-2mm 1/35cm
			64.18	64.54	0.36	VEN	GNDK		80	o	10				VN	30			f	tw	o	Sp	tw	Gl	tw		VEN-quartz sericite alteration envelope- pyrite low around a 4cm quartz, quartz-sericite, pyrite galena and sphalerite vein; weak Cb veinlets
64.80	66.40	1.60				GDR	GNDK		w	o	w								t								GDR - propylitic altered, towards bottom narrow wk bleached envelopes around <1mm quartz-sericite py veinlets
66.40	68.70	2.30				GDR	ORLT	XL	w	20					VT	60			t								GDR - bleached, cy altered; qs, qz, py veinlets 1/10cm below 63.10 to 68.15: veinlets <2mm
			66.60	67.10	0.50	VEN	GNDK		o	o	90				VN	45			tw	15		Sp	m				VEN - H/W 22cm qz-se-py alteration, py di and fx VN - 5cm banded white, clear > black quartz and carbonate F/W 13cm - weak breccia, quartz-sericite altered band on 5cm fault breccia
68.70	70.00	1.30				GDR	BNLT	XL	t						VT	50			t								GDR - transition clay alteration to propylitic trace To; very weak quartz and quartz sericite and pyrite veinlets < 2mm
70.00	75.68	5.68				GDR	GNGY		ms						VT	40			t			Mg	f				GDR - weak propylitic altered, weak quartz and sericite and pyrite veinlets with weak phyllic halo

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			73.05	73.70	0.65	GRD	GYLT		ms																		GDR - bleached, Fd - white slight soft bi stable weak clay alteration; qz and py fractures 1/10cm
75.68	76.50	0.82				GRD	GYLT			25					VT	45			m	s	s						GDR - bleached, bi and to cy
			76.05	76.41	0.36	VEN	GNDK		s		90				FLT	60			m	s	s						VEN H/W - 7cm - wk-mod phyllic altered 5cm VEN - 90% black>smoky>clear qz and 20% sx; F/W thin band fault gouge and 21cm band quartz-serisite and py (weak), 5 and 10mm quartz - py (strong) veinlets
76.50	80.87	4.37				GRD	GNGY		s										t	t		Mg	m				GDR - occ up to 15cm pale green bleached bands - envelope around qz and py <1mm veinlets, decrease below 78.3m
80.87	84.20	3.33				GRD	ORLT		s																		GDR - bleached, weak qz-serisite pyrite veinlets
			81.07	81.22	0.15	VEN	GNLT		90		10				VT	60			m	m							VEN - very weak, phyllic-weak-fair altered 1cm, 2cm and 2x 1mm qz and py (high) veinlets
			81.78	82.35	0.57	VEN	GNCY	BX	85	10	f				SH	70			tw	tw							VEN - weak - to 81.94 - strong qz-sericite alteration on around <0.5mm qz-py veinlets 81.94-82.28 - strong phyllic, lense like clasts in a clay matrix; clasts - strong phyllic botton 3cm crushed-fault; to lower contact decreasing phyllic alteration.
			83.87	83.91	0.04	VEN	WHGY				100				VN	55			m	m							VEN - 4cm white = med gray qz; bleb py 5-7%; phyllic envelope 5cm on H/W and 12cm on F/W
84.20	95.50	11.30				GDR	GNGY												t	t							GDR - weak veinlets sericite and py, qz-sericite and py and qz-pyrite veinlet to 1cm, often with altered envelopes to 20cm wide
			89.50	92.75	3.25	GDR	GNGY		m	m									t	t							89.50-90.50m - weak bleached, strong fx 10 degrees 90.50-92.75m - weak bleached clay bands around quartz sericite and pyrite envelopes
			92.75	94.79	2.04	GRD	GNGY		75	25					VN	65			t	t							Phyllic altered 75% bands 5 to 75cm wide around bands - weak cy alteration - Vein Zone
95.50	96.17	0.67				GRD	ORLT		20	80	tw				VN	60			t	t							Narrow phyllic bands around qz and se and py veinlets between bands bleached, weak cy altered.
96.17	96.54	0.37				FEL	TN	PO																			FEL - very weak fine phenocrysts Fd
96.54	97.16	0.62				GRD	ORLT	GN	50										tw	tw							GDR- phyllic altered - moderate
			96.54	96.80	0.26	VEN	GNLT		90		10				VN	50			w	tw							VEN - strong phyllic alteration with 3cm white quartz vein in middle, a few <2mm dark chalcedonic quartz veinlets
97.16	97.60	0.44				FEL	TH	PO																			FEL - very weak fine phenocrysts Fd
97.60	97.97	0.37				VEN	BZ		0		50								50	45		Sp	t				VEN - top 20cm 10% FEL clasts in massive sulphides, 10% chalcedonic qz; bottom 13cm - 80% white and gray quartz, and 15% sulphides; vein contacts lost-broken core 60% recovery
97.97	98.75	0.78				GRD	GNMD		75	10	10				VT	60			w	w	t						GRD - strong phyllic; intensity decreases to lower contact
98.75	99.85	1.10				GRD	ORLT		50	25	tw								t	t		He	t				Bleached - mafics to Se - cy, fair - mod phyllic altered

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
98.85	100.21	1.36				VEN	ORLT		50	25	?								t								VEN?? - at top 100.10m - 28.3cm FLT bx; separate upper 2cm and lower 3cm porphyry dykes - clasts GDR and silicious(?) in sheared GRD
102.21	103.63	1.42				GRD	ORLT		50	25	o								t			He	t				GRD - mod phyllic
103.63	104.70	1.07				GRD	ORLT		50													To	t				GRD - ORLT mod phyllic; increase to strong phyllic below 104.30; To decreases to bottom
104.70	105.20	0.50				VEN			40	o	60				DY	60			w	tw	t	To	t				At upper contact 1cm DY; increase black and gray silica to lower contact; host rock GRD
105.20	105.70	0.50				POR	TN	BX			25				FLT	70			w	tw	tw	To	t				POR - flow banded at contact, bx - matrix gray and smoky quartz; at bottom contact 7cm quartz and sericite and 30% metals vein 70 degree dip
105.70	110.85	5.15				POR	TN	FX		30	f																POR - feldspar - fine to med grained, mafics altered to clay, rare to 3mm qz phenocrysts, POR - when fresh light gray colour
			106.40	106.83	0.43	BXA		BX		60																	Breccia - 60% matrix - mostly clay
			109.83	110.06	0.23	VEN		BX		90	25				VN	70			w	tw							BX - weak to fair below 109.97 sheared and 25% bleb - lense black silica and sulphides
			110.06	110.85	0.79	VEN	GYMD		40		40		Cb	t	VN	70			25	20	f	Gn	w				VEN - 20-30% Sx, blacks and gray quartz; intense phyllic
110.85	114.56	3.71				POR	GYLT	PO	25											t							Feldspar porphyry - mafics altered, Fd-sericite, matrix not alterd therefore wk phyllic
			112.50	112.70	0.20	POR		BX																			clasts <1mm to 2cm in cy matrix - weak Bx
			114.22	114.56	0.34	VEN	GYMD		70		20				VN	55			tw	tw	t						VEN - intense phyllic, most quartz in top 20cm
114.56	116.83	2.27				GRD	ORLT		25										t	t		He	t				GRD - mafics altered - weak phyllic alteration; 5cm bx with calcite matrix, occ narrow band strong phyllic alteration
			114.85	115.11	0.26	VEN	GYMD		70		m								tw	tw							VEN? - weak quartz veining strong phyllic decreasing to contacts
116.83	119.17	2.34				GRD	GYLT		5	50									t	t							GRD - bleached, biotite stable, feldspars alt kaolin and calcite - moderate argillic alt. occ <20 cm band dark green - propylitic - high calcite
119.17	121.89	2.72				GRD	GNMD		50		f		Ca	m					w	tw							GRD - mod phyllic, 7% 1 to 8mm calcite veinlets
			121.41	121.65	0.24	VEN	GNDK	BX	25	0	50				VN	40			w	tw							VEN - upper 7cm fine bx, possibly felsite - porphyry bottom 10cm br and strong quartz, weak calcite
121.89	124.00	2.11				GRD	GYWH		25	25			Cb	t					t				He	t			GRD - weak phyllic - biotite altered, Fd - earthy - argillic alt - weak?; towards lower contact bi stable = argillic alteration
			123.57	123.65	0.08	VEN	CNGY		50		50				VT	40			tw								VEN - 50% quartz and 50% phyllic
123.65	125.35	1.70				GRD	GNGY																Mg	m			GRD - rock fresh to weak propylitic (chlorite partly replacing hornblende
125.35	128.94	3.59				GRD	GYWH		50	20									t				He	f			GRD - weak phyllic gray white interbanded with mod phyllic dark gray green, two band argillic altered - biotite stable
			127.33	127.51	0.18	VEN	GNDK		50		25								tw	tw							VEN H/W 12cm band strong phyllic and weak quartz F/W 6cm 50% 2-3cm black silica breccia veining

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
128.94	131.80	2.86				GRD	GNGY						pro	m					o				Mg	w			GRD - weak propylitic - chlorite and calcite
			130.13	131.60	1.47	GRD	GNLT												t	t			He	t			GRD - Fd - slight soft, med-dk green, mafics altered strong interstial calcite, moderate propylitic
131.80 E.O.H.																												

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

SAMPLE LOG

HOLE: KL-10-04

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Cu (ppm)	Mo (ppm)	Comments
KL-10-04	0.00	4.40		0	N/S								Casing; No recovery
KL-10-04	4.40	6.40			E147219	8							
KL-10-04	6.40	7.85			E147220	8							
KL-10-04	7.85	9.70			E147221	8							
KL-10-04	9.70	12.50			E147222	8							
KL-10-04	12.50	13.25			E147223	8							
KL-10-04	13.25	15.00			E147224	8							
KL-10-04					E147225	8							Blank
KL-10-04	15.00	16.90			E147226	8							
KL-10-04	16.90	18.59			E147227	8							
KL-10-04	18.59	21.64			E147228	8							
KL-10-04	21.64	24.69			E147229	8							
KL-10-04	24.69	27.74			E147230	8							
KL-10-04	27.74	30.78			E147231	8							
KL-10-04	30.78	33.83			E147232	8							
KL-10-04					E147233	8							Standard: PL-2
KL-10-04	33.83	35.50			E147234	8							
KL-10-04	35.50	36.64			E147235	8							
KL-10-04	36.64	39.00			E147236	8							
KL-10-04	39.00	40.50			E147237	8							
KL-10-04	40.50	42.00			E147238	8							
KL-10-04	42.00	43.10			E147239	8							
KL-10-04	43.10	44.80			E147240	8							
KL-10-04					E147241	8							Blank
KL-10-04	44.80	46.02			E147242	8							
KL-10-04	46.02	48.20			E147243	8							
KL-10-04	48.20	49.20			E147244	8							
KL-10-04					E147245	8							Standard: CDN-SE-2
KL-10-04	49.20	50.35			E147246	8							
KL-10-04	50.35	52.00			E147247	8							
KL-10-04	52.00	53.00			E147248	8							
KL-10-04	53.00	53.80			E147249	8							
KL-10-04	53.80	55.00			E147250	8							
KL-10-04	55.00	58.00			E147301	8							
KL-10-04	58.00	59.00			E147302	8							
KL-10-04	59.00	62.00			E147303	8							
KL-10-04					E147304	8							Quarter split duplicate of ***303
KL-10-04	62.00	64.00			E147305	9							
KL-10-04	64.00	65.00			E147306	9							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Cu (ppm)	Mo (ppm)	Comments
KL-10-04	65.00	66.50			E147307	9							
KL-10-04	66.50	67.50			E147308	9							
KL-10-04	67.50	70.40			E147309	9							
KL-10-04	70.40	73.45			E147310	9							
KL-10-04	73.45	75.50			E147311	9							
KL-10-04	75.50	76.50			E147312	9							
KL-10-04	76.50	79.55			E147313	9							
KL-10-04	79.55	80.85			E147314	9							
KL-10-04					E147315	9							Blank
KL-10-04	80.85	82.60			E147316	9							
KL-10-04	82.60	85.64			E147317	9							
KL-10-04	85.64	88.69			E147318	9							
KL-10-04	88.69	91.74			E147319	9							
KL-10-04					E147320	9							Standard: CDN-SE-2
KL-10-04	91.74	94.79			E147321	9							
KL-10-04	94.79	96.54			E147322	9							
KL-10-04	96.54	97.60			E147323	9							
KL-10-04	97.60	98.75			E147324	9							
KL-10-04	98.75	101.00			E147325	9							
KL-10-04	101.00	103.00			E147326	9							
KL-10-04	103.00	104.70			E147327	9							
KL-10-04	104.70	106.00			E147328	9							
KL-10-04					E147329	9							Standard: PL-2
KL-10-04	0.00	108.00			E147330	9							
KL-10-04	108.00	109.83			E147331	9							
KL-10-04	109.83	111.00			E147332	9							
KL-10-04					E147333	9							Blank
KL-10-04	0.00	113.80			E147334	9							
KL-10-04	113.80	116.13			E147335	9							
KL-10-04	116.13	119.17			E147336	9							
KL-10-04					E147337	9							Quarter split sample of ***336
KL-10-04	0.00	122.22			E147338	9							
KL-10-04	122.22	125.27			E147339	9							
KL-10-04	125.27	128.32			E147340	9							
KL-10-04	128.32	131.80			E147341	9							[note 37th sample in batch], EOH 131.8m

GEOTECHNICAL LOG

HOLE: KL-10-04

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	4.40	4.40	0.00	0	0	0				
4.40	6.40	2.00	2.00	100	1.21	61		FR		
6.40	9.45	3.05	2.39	78	0.95	31		FR		
9.45	12.50	3.05	2.87	94	1.77	58		FR		
12.50	15.54	3.04	2.91	96	0.37	12		FR		
15.54	18.59	3.05	3.02	99	0.00	0		FR		
18.59	21.64	3.05	2.94	96	1.93	63		FR		
21.64	24.69	3.05	2.92	96	1.82	60		FR		
24.69	27.74	3.05	3.04	100	2.10	69		FR		
27.74	30.78	3.04	3.05	100	1.88	62		FR		
30.78	33.83	3.05	3.05	100	1.91	63		FR		
33.83	36.88	3.05	3.05	100	1.33	44		FR		
36.88	39.93	3.05	3.00	98	0.27	9		FR		
39.93	42.97	3.04	3.01	99	2.35	77		FR		
42.97	46.02	3.05	2.85	93	2.63	86		FR		
46.02	49.07	3.05	2.93	96	2.33	76		FR		
49.07	52.12	3.05	2.80	92	1.64	54		FR		
52.12	55.16	3.04	2.86	94	1.41	46		FR		
55.16	58.22	3.06	3.05	100	1.90	62		FR		
58.22	61.26	3.04	3.02	99	2.34	77		FR		
61.26	64.31	3.05	2.96	97	2.73	90		FR		
64.31	67.36	3.05	3.05	100	3.00	98		FR		
67.36	70.40	3.04	3.05	100	2.96	97		FR		
70.40	73.45	3.05	3.01	99	3.01	99		FR		
73.45	76.50	3.05	3.09	101	3.09	101		FR		
76.50	79.55	3.05	3.02	99	3.02	99		FR		
79.55	82.60	3.05	2.95	97	2.81	92		FR		
82.60	85.64	3.04	2.92	96	2.70	89		FR		
85.64	88.69	3.05	3.00	98	2.80	92		FR		
88.69	91.74	3.05	2.80	92	1.70	56		FR		
91.74	94.79	3.05	2.94	96	2.80	92		SW		
94.79	97.84	3.05	3.05	100	2.40	79		FR		
97.84	100.89	3.05	2.86	94	1.78	58		FR		
100.89	103.93	3.04	2.80	92	1.07	35		FR		
103.93	106.98	3.05	2.86	94	0.38	12		FR		
106.98	110.03	3.05	2.97	97	0.85	28		FR		
110.03	113.08	3.05	3.05	100	1.50	49		FR		
113.08	116.13	3.05	3.05	100	2.25	74		FR		
116.13	119.17	3.04	3.04	100	2.37	78		FR		
119.17	122.22	3.05	3.07	101	2.93	96		FR		
122.22	125.27	3.05	3.02	99	3.02	99		FR		
125.27	128.32	3.05	3.02	99	2.89	95		FR		
128.32	131.36	3.04	3.03	100	3.03	100		FR		
131.36	131.80	0.44	0.44	100	0.44	100		FR		
	EOH									

MAGNETIC SUSCEPTIBILITY LOG

HOLE: KL-10-04

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			0.15	
6.00			0.20	
7.00			0.23	
8.00			0.87	
9.00			0.15	
10.00			0.23	
11.00			0.25	
12.00			0.31	
13.00			0.43	
14.00			0.03	
15.00			0.18	
16.00			0.38	
17.00			0.28	
18.00			0.06	
19.00			0.48	
20.00			0.30	
21.00			0.20	
22.00			0.21	
23.00			0.18	
24.00			0.18	
25.00			0.25	
26.00			0.23	
27.00			0.25	
28.00			0.21	
29.00			0.45	
30.00			0.23	
31.00			0.31	
32.00			0.20	
33.00			0.26	
34.00			0.25	
35.00			0.20	
36.00			0.16	
37.00			0.25	
38.00			0.10	
39.00			0.28	
40.00			0.28	
41.00			0.07	
42.00			0.40	
43.00			0.18	
44.00			0.20	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.00	
46.00			0.78	
47.00			0.29	
48.00			0.16	
49.00			0.16	
50.00			0.20	
51.00			11.40	
52.00			0.23	
53.00			0.75	
54.00			0.62	
55.00			13.50	
56.00			8.83	
57.00			0.45	
58.00			0.38	
59.00			3.16	
60.00			0.31	
61.00			13.90	
62.00			6.33	
63.00			5.49	
64.00			0.23	
65.00			0.91	
66.00			7.19	
67.00			0.18	
68.00			0.38	
69.00			0.27	
70.00			2.14	
71.00			11.90	
72.00			16.20	
73.00			10.90	
74.00			14.70	
75.00			1.50	
76.00			0.45	
77.00			0.32	
78.00			6.36	
79.00			12.00	
80.00			0.60	
81.00			0.65	
82.00			0.54	
83.00			0.31	
84.00			0.27	
85.00			11.20	
86.00			0.64	
87.00			12.60	
88.00			14.30	
89.00			10.40	
90.00			1.83	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			0.62	
92.00			0.32	
93.00			0.56	
94.00			0.25	
95.00			1.55	
96.00			0.45	
97.00			0.20	
98.00			0.25	
99.00			0.32	
100.00			0.32	
101.00			0.25	
102.00			0.27	
103.00			0.32	
104.00			0.29	
105.00			0.03	
106.00			0.05	
107.00			0.09	
108.00			0.07	
109.00			0.14	
110.00			0.10	
111.00			0.20	
112.00			0.09	
113.00			0.25	
114.00			0.21	
115.00			0.05	
116.00			0.31	
117.00			0.43	
118.00			0.62	
119.00			0.32	
120.00			0.36	
121.00			0.45	
122.00			0.16	
123.00			0.21	
124.00			7.30	
125.00			13.20	
126.00			0.43	
127.00			5.63	
128.00			0.47	
129.00			5.45	
130.00			2.26	
131.00			0.31	
EOH				

BOX LOG

HOLE: KL-10-04

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	4.40	8.07			
2	8.07	12.88			
3	12.88	16.49			
4	16.49	20.01			
5	20.01	24.55			
6	24.55	28.61			
7	28.61	32.68			
8	32.68	36.65			
9	36.65	40.05			
10	40.05	44.10			
11	44.10	48.20			
12	48.20	51.83			
13	51.83	55.35			
14	55.35	59.30			
15	59.30	63.43			
16	63.43	67.50			
17	67.50	71.55			
18	71.55	75.90			
19	75.90	80.08			
20	80.08	84.20			
21	84.20	88.20			
22	88.20	92.15			
23	92.15	96.03			
24	96.03	99.63			
25	99.63	103.68			
26	103.68	107.38			
27	107.38	11.25			
28	11.25	115.17			
29	115.17	119.17			
30	119.17	123.48			
31	123.48	127.77			
32	127.77	131.80			

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382819	6890043	1400	182.88

ZONE: BYG

SECTION:

HOLE: KL-10-05

CLAIM: YC39051

Contractor: Top Rank

Drill:

Core size: NTW (167.64m) / BTW (182.88m)

Casing depth: 5.85 (m) in / **out**

Drilling dates: August 08 - 11 2010 / August 14 - 15 2010

Geology logged by: C. Chung

TARGET: TR-10-11

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	30	-50.0	compass				
167.70		-50.0	acid				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	5.85	5.85	OB	Overburden
5.85	14.23	8.38	GRD	Medium-coarse grained granodiorite
14.23	20.41	6.18	FEL	Felsic dyke
20.41	24.38	3.97	VN	Strong Mineralization along northern contact of
				dyke
24.38	79.20	54.82	GRD	Granodiorite hosting zones of argillic and phyllic altn
79.20	83.43	4.23	VN	Mineralized vein zone
83.43	144.83	61.40	GRD	Granodiorite hosting zones of argillic and phyllic altn
144.83	147.18	2.35	BRXX	Medium-dark grey matrix supported breccia
147.18	182.88	35.70	GRD	Granodiorite hosting zones of argillic and phyllic altn
				EOH @ 182.88 m

SAMPLES

Numbers: J980080 - J980099, E147101 - E147150, E147201 - E147218

Total: 88

Batch: 5 (16 samples only), 6, 7 (36)

Date Sent:

Certificate: WH10146782, WH10148337, WH10148336

COMMENTS

Hole drilled in NTW was lost at 550' (167.64m) and abandoned, but re-entered a few days later in BTW and drilled to 600' (182.88m).

GEOLOGY LOG

HOLE: KL-10-05

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
0.00	5.85	5.85				CAS																					Casing/Overburden; No recovery.
5.85	14.23	8.38				GRD	OR-GY	MO	tw			ms	pot	t	FX	10-30		3									Weathered Granodiorite; Moderate-strongly oxidized and altered medium-coarse grained granodiorite. Weak pervasive potassic flooding with patchy washes of moderate-strong phyllic overprint. Oxidation is weakly pervasive but generally centered on fractures and veining structures. High fracturing density; two preferred orientation sets. Fracture surfaces often coated with trace limonite.
															FX	50-70		8									
							DK-GY				ms				VT	45	0.5	2		w							Moderate veining density. Narrow grey quartz veinlets are noted bearing minor sulphides. Some of these veinlets have distinct boundaries while others are diffused zones of silicification. Narrow, strongly oxidized fracture fill also commonly noted.
							DK-BN					s			VT	20-40	<0.2	5									
																			tw	t		Lt	t	Mg	t		Trace-weak mineralization. Pyrite is present as disseminated clots (<0.3cm) and wisps and is generally associated with fractures and veining structures. Limonite present on fracture surfaces. Magnetite noted in less oxidized zones.
			14.00	14.23	0.23		LT-GY			l					GO												"Contact zone". Strongly brecciated, possibly faulted with approx 60% gouge/clay.
14.23	20.41	6.18				FEL	TN-GY	PO		t	m	f			FX	40-60		8									Felsic Dyke; Weak-moderate oxidized, moderate silicified, weakly porphyritic felsic dyke. Aphanitic silicified matrix with small (<0.2cm) tan-white subhedral plagioclase phenocrysts, making up approx 3% of the unit. Patchy pervasive oxidation washes, but generally stronger along fractures and at contacts. Moderate-strongly fracturing with localized zones of blocky and rubble core rock.
							EN								VT	45	0.3	4									Moderate veining, mainly narrow wispy white fracture fill. Discontinuous and diffused dark brown stringers also present along fractures.
								VU							VT	45	<1	2									Some vuggy bands noted to be possible veining structures. No significant sulphide mineralization noted.
															DY	75											
			18.70	20.41	1.71					m		m			FLT?												Possible fault zone. Strongly brecciated and rubbly core rock with clay matrix. Slight increase in oxidation.
20.41	24.38	3.97				FEL	GN-GY	BX	m		f	f			DY												Chilled Porphyritic Dyke; Pale yellow-green, moderately phyllic altered chilled porphyritic dyke. Localized zones of weak-moderate oxidation. The matrix is locally brecciated by cross-cutting white/cream/orange-tan quartz-carbonate veining. These veining structure can be vuggy and carry sub angular clasts (up to 2cm). Vuggy textures may be caused by weathering out of sulphides that were carried in the veinlets(?). Subhedral-anhedral plagioclase phenocrysts (<0.3cm) noted. Moderate fracturing, becoming more competent moving downhole.
								VU							VN							Cb					
															FX												
							TN-WH	VU							VT	35		5				Cb					Strong veining, with cross-cutting structures giving the matrix brecciated textures. The veinlets appear to be banded and may be multi-staged. Light-dark grey very siliceous bands also noted (darker coloured ones appear to be pyritic).
							TN-WH	VU							VT	60		3									
							GY/BK								VT												
																			f	w		Sp?	t	Gn	tw		Fair amounts of sulphides. Pyrite dominant, generally occurring as fine disseminated grains scattered throughout the matrix. Galena is present forming vuggy stringers along with possible sphalerite(?). Trace malachite and azurite in strongly oxidized zones.
			20.41	22.21	1.80							s							t			Az	t	Mc	t		Core rock is fractured and blocky with increased oxidation in this interval. Trace amounts of malachite and azurite noted on fracture surfaces. Limonite also possibly present (yellow-orange mineral).
24.38	40.97	16.59				GRD	GN-GY	MO	m	t	tw	f			FX	10-30		1									Granodiorite; Pale yellow-green-grey phyllic altered coarse grained granodiorite. Weak-fair amounts of pervasive oxidation, but often centered on fractures and veining structures, decreasing downhole. Phyllic alteration also decreases downhole, becoming localized and only forming vein envelopes.. Low-moderate fracturing. Fracture surfaces are often coated with moderate oxidation. Two preferred orientations; one low angled and one high angled set.
															FX	50-70		5									
							TN-WH								VT	30-60	<0.3	6									Moderate-high veining density, several styles noted. The most common is narrow (up to 0.3cm) and wispy carbonate veinlets. These may or may not be oxidized.
								BN							VT	60-70	<0.7	2									The second style is similar to the first and tend to be wider and may be multi-staged; a lighter grey coloured zone (quartz) present banded by tan carbonate.
							TN/GY								VT	50-60	<3	1									The third type is a silica flooded (possibly chilled?) veining structure. Carbonated bands are often present throughout.
								EN			w																All veining styles are associated with weak-moderate diffused silica envelopes.
																			tw	tw	tw	Gn	tw				Trace-weak mineralization, occurring mainly as disseminated grains and blebs (<0.2cm) carried in veinlets. Pyrite dominant with trace-weak arsenopyrite and galena occurring in localized patches (usually associated with veining structures/alteration envelopes).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			25.64	28.42	2.78		BN			tw		ms																Strongly oxidized interval, locally blocky and shattered core rock. Matrix show a minor increase in clay alteration.
			26.92	27.21	0.29		BN-GY	BX																			-Minor interval of a brecciated siliceous zone.
			32.41	37.93	5.52				tw			w															Decrease in pervasive phyllic alteration and oxidation. Altered zones are associated with veining and fractures.
			40.31	40.70	0.39			BX													w	Gn	tw	Sp?			Brecciated interval, similar to 20.41-24.38m with increased mineralization.
40.97	60.75	19.78				GRD	GN-GY	MO	tw	t		tw	pot	tw	FX	10-20		2									Granodiorite; Weakly altered coarse grained granodiorite. Trace-weak pervasive potassic alteration with phyllic overprinting. Localized clay and chlorite alteration, often associated with veining structures. Fairly competent core rock with low-moderate fracturing, two preferred orientation sets. Most fractures surfaces are coated thinly with oxidized (orange coloured) carbonate.
													chl	tw	FX	45-60		4									
							TN/GN						chl	f	VT	30-50	<0.1	7				Cb					Moderate veining density, commonly narrow wispy carbonate fracture fills with dark green envelope (chlorite?). Medium-dark grey quartz-carbonate veinlets are also present in rare amounts.
							GY								VT	20	0.7	2				Qz		Cb			
																			tw	tw	t	Mg	tw	Sp	t		Trace sulphides, generally associated with veining. Pyrite, galena and brown sphalerite(?) most commonly noted in veining. Arsenopyrite and chalcopyrite also noted. Magnetite present throughout the matrix. Possible limonite on fractures.
			43.15	45.68	2.53		GN						chl	f	VT	20-60	<1	4		tw		Gn	tw	He	tw		Slight increase in chlorite and possible epidote(?), likely associated with quartz-carbonate veining. Minor increase in disseminated pyrite in matrix.
			46.58	46.86	0.28		LT-GN	EN	tw	w					VT	70	1.2					Gn	tw				Clay and phyllic altered envelope for mineralized quartz veinlet at 46.70m. Clots of galena present.
			48.19	48.90	0.71		GN-YW	EN	tw	tw					VT	70	8.0			w		Gn	w	Cp	tw		Similar to 46.58-46.86m, veinlet at 48.56m. Clay and phyllic envelopes. Vein appears to comprise of quartz, carbonate, and gypsum(?) with blebby bands of polymetallic sulphide including pyrite, chalcopyrite, galena, and sphalerite.
			57.91	59.21	1.30		GN						chl	f	VT	30-50	<1	3		tw		Gn	tw	Sp	tw		Similar to 43.15-45.68m, darker green coloured matrix - increased chlorite and epidote altered envelopes associated with mineralized veinlets. Galena and sphalerite present with pyrite. Veinlets at 58.22m cross-cut each other, both are mineralized, one with strong magnetite and pyrite (at approx 30° TCA) while the other carries polymetallic sulphides (at approx 45°).
60.75	66.34	5.59				GRD	GY/GN		f	f			pot	t	FX	40-60		6									Granodiorite; Light-medium grey-green moderately altered coarse grained granodiorite. Patchy zones of different intensity of phyllic and clay alterations. These are associated with veining structures. Weak pervasive potassic flooding also noted. Moderately fractured. Fracture surfaces tend to be coated thinly with minor clay.
															FX	20-30		1									
								BN							VT	60	<5	4									Low-moderate veining density, generally with large envelopes. Veinlets are mixed bands of light-medium grey quartz, cream weakly cauliform carbonates, and blebby sulphides. Some veinlets (mainly carbonate ones) give the matrix a brecciated texture with angular-sub angular clasts (<1cm). large envelopes with strong phyllic closest to vein then clay an chlorite envelopes outside.
								EN	m								<100										
								EN		f			chl	w			20.0										
																			tw	tw		Sp	tw	Gn	tw		Trace-weak amounts of mineralization, mainly occurring in veining structures or vein envelopes. Brown sphalerite and galena tend to be in veining while pyrite often appears as finely disseminated grains in vein envelopes. Magnetite is present throughout matrix in less altered zones.
			60.96	61.39	0.43		LT-GN	EN	m						VT	55	2.5	3									Altered envelope with veinlet at 61.23m. Grey quartz bands also present. Sphalerite with galena and possible trace chalcopyrite. Small (<0.3cm) pyrite blebs in matrix.
			63.93	65.38	1.45		LT-GN	EN	m				epi?	tw	VT	20-80	0.5	4		tw	t	Sp	w	Gn	tw		Similar to 60.96-61.39m, several veinlets, largest at 65.02m.
			65.02					BN							VT	65	5.0									x	-Strongly banded sulphide flooded silica bounded by carbonate bands. These outer bands have branches that cross-cut mineralization.
66.34	79.20	12.86				GRD	GY/PK	MO	tw	t			pot	tw	FX	15-30		2									Granodiorite; Similar to 40.97-60.75m. Potassic and phyllic altered coarse grained granodiorite with localized patches of clay (and chlorite?) zones often related to veining. Moderate fracturing, two preferred orientation sets.
													chl	tw	FX	45-60		5									
							TN-WH						chl	tw	VT	40-50	<0.1	2				Cb					Moderate veining density, several types. Narrow white and dark green, wispy carbonate fracture fill veinlets are common. Some with very weak chlorite envelopes.
							DK-GN						chl	tw	VT	40-50	<0.3	3				Cb					
								BN							VT	75	<1.5	1									The second major type is banded quartz-carbonate (± gypsum?) veinlets. The second type is associated with phyllic altered envelopes.
								EN	f	tw							60.0										
																			w	tw		Sp	t	Mg	w		Trace mineralization, mostly noted related to veining structures and altered envelopes. Pyrite and brown sphalerite present. Magnetite noted throughout.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			68.31	68.78	0.47		TN-GN		w	tw	tw				VT	70	2.5											increased phyllic and clay alteration around a veinlets at 68.35m - banded quartz-carbonate veinlet with a diffused zone of silicification as well. Moderate-strong clay and chlorite envelopes at 68.16-68.31m and 68.78-69.18m.
								EN		tw			chl	w													
			69.77	70.04	0.27		GN				tw		chl	w	VT	75	1.5			t		Sp	w	Gn	w		Veinlet at 69.93m, with chlorite and possible epidote envelopes. Banded quartz veinlet with blebby brown sphalerite.
			71.27	71.48	0.21		LT-GN			tw	tw		chl	tw	VT	65	1.0			tw		Gn	t				Similar to 69.77-70.04m, veinlets at 71.36m. Banded quartz and carbonate carrying trace-weak sulphides.
			76.33	76.89	0.56		BG-GN		w	tw					VT	70	<0.5	4		t	t?	Gn	t				Phyllic and clay altered envelope to multiple veinlets. Disseminated sulphides present.
			77.80	78.66	0.86		GN		tw		tw		chl	t	VT	30	2.5					Mg	w				Similar to 69.77-70.04m, veining at 78.08m. Quartz veinlet is blocky and weakly shattered bearing magnetite bands.
79.20	83.43	4.23				GRD	WH/PK		f	w	tw		pot	t	FX	20-30		2									Granodiorite; Moderate-strongly altered granodiorite, likely forming envelopes for mineralized vein at 80.71-81.04m. Moderate pervasive phyllic alteration with patchy zones of strong clay. Blocky core rock with moderate fracturing. Moderate veining, generally cream carbonate veinlets. Low mineralization in bleached envelopes. the majority of sulphides occur associated with veining structures.
															FX	70		8									
															VT	50	0.3	4									
																			tw	tw	t	Sp	t	Gn	t		
			80.71	81.04	0.33	VN	GY				x					80	18.0			ms	w	Sp	m	Gn	w		Mineralized diffused silica flooded zone/vein. The silicified zone is preceded by a minor interval of medium-dark grey gouge (approx 3cm). Sulphides occur as blebby bands (up to approx 1.5cm wide). Pyrite and brown sphalerite most common with weak amounts of arsenopyrite and galena. Possible trace chalcopyrite.
			81.16	82.11	0.95				tw	t	n																Interval of decreased alteration.
83.43	99.23	15.80				GRD	GN/PK	MO	tw	t	tw		pot	tw	FX	10-40		3									Granodiorite; Similar to 40.97-60.75m. Weak potassic and phyllic altered coarse grained granodiorite with localized zone (approx 20%) of more intense phyllic and clay alteration. Low-moderate fracturing, two preferred orientation sets.
															FX	60-70		4									
							BG-WH								VT	40-55	<0.3	6				Cb					Similar multiple styles of veining with cream carbonate veinlets and dark green chlorite(?) stringers noted in very weakly altered zones. Light-medium grey quartz-carbonate veinlets also present. These are associated with diffused alteration envelopes (chlorite or clay).
							DK-GN								VT	40-55	<0.3	4									
							MD-GY								VT	20-50	<1	2				Qz		Cb			
							GN	EN		tw			chl	w			<2										
																			tw	t		Mg	tw				Trace sulphides throughout. Finely disseminated pyrite and possible chalcopyrite noted in altered zones. Magnetite present in weakly altered zones.
			84.04	84.71	0.67		BG-PK		w	w	t		hem?		VT	50	2.0										Clay and phyllic altered zone, likely envelope to quartz-carbonate veinlet at 84.36m. Brown colouring of the matrix, possible iron staining(?). Veinlet is banded cream carbonate and grey quartz with trace sulphides. Very weak brecciation with clay matrix noted at contacts.
			86.39	87.23	0.84		GY/PK		w	f	t				VT	65	1.5				t	Sp	f	Cp?	t		Similar to 84.04-84.71m, veinlet at 86.59m. Banded grey quartz veinlet carries blebby bands of sphalerite and trace arsenopyrite and possible chalcopyrite.
			89.53	90.16	0.63		BN/WH		t	w			hem?														Very weakly brecciated clay altered interval with a localized patch that is moderately silicified. Likely iron stained, giving a pink-brown colouring of the matrix. Magnetite veinlet present at low angles TCA.
			91.44	93.12	1.68		BG-PK		w	f	t		chl	t	VT	50-60	<0.5	3									Similar to 84.04-84.71m. Matrix is weak-moderately bleached. Narrow light-medium grey quartz veinlet present, some with light grey-green envelopes (<4cm).
			95.87																								Below 95.87m, several scattered quartz-carbonate veinlets present with diffused dark green envelopes (<3cm).
			95.87	95.96	0.09			EN			w		chl	t	VT	60	0.3					Qz		Cb			
			96.19	96.25	0.06			EN	w				chl	w	VT	75	0.1					Cp	t				
			96.62	96.70	0.08			EN					chl	f	VT	30	0.3			t	t?	Sp	t				
			97.01	97.09	0.08			EN					chl	m	VT	75	<0.5	2		tw		Sp	t				
			97.81	97.90	0.09			EN	w	t			chl	f	VT	80	0.5			t		Gn	t				Diffused zone of silicification with chlorite envelopes.
99.23	107.88	8.65				GRD	TN-BG	MO	f	w		t	pot?	t	FX	30-40		5									Bleached Granodiorite; Moderate-strongly clay and phyllic altered coarse grained granodiorite. Tan-brown colouring appears to be weak oxidation. Moderate fracturing.
							TN-WH								VT	45-60	0.2	4				Cb					Low veining, often narrow and wispy texture. Cream coloured carbonate and light-medium grey quartz veinlets can be mixed giving appearance of a larger banded veining structure. Quartz veinlets often have diffused chlorite envelopes.
							MD-GY								VT	45-60	0.7	2				Qz					
							GN	EN					chl	w			2.5										
																			t	t		Gn	t	Sp	t		Trace sulphides, generally associated with veining structures. Finely disseminated pyrite most common. Trace galena and possible brown sphalerite.
			101.34	102.52	1.18				tw	n												Mg	tw				Interval of decreased alteration. Similar to 40.97-60.75m.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
107.88	129.47	21.59				GRD	GY/PK		tw	t			pot	t	FX	10-20		2									Granodiorite; Similar to 40.97-60.75m. Weakly pervasive potassic altered and phyllic overprinted granodiorite. Localized zones of increased phyllic alteration (approx 5-7%). Low-moderate fracturing, surfaces occasionally have thin carbonate coating.
															FX	40-60		4									
							BG-WH								VT	30-70	<0.3					Cb					Low-moderate veining density two main styles noted. The most common is narrow, wispy carbonate fracture fills. The other is weakly banded quartz-carbonate veinlets. Diffused medium-dark green (chlorite?) and silica envelopes are sometimes seen. Envelopes appear to be associated with weak mineralization.
							GY								VT	40-60	<0.7					Qz		Cb			
							GN	EN			tw		chl	tw			<1										
																			w	t		Cp?	t	Mg	w		Trace-weak mineralization. Trace finely disseminated pyrite, minor clots (<0.3cm) noted in veining envelopes. Magnetite present throughout the matrix. Possible chalcopyrite.
			111.60	111.75	0.15		GN-GY	EN			tw		chl	tw	VT	60	1.5			tw							Slight increase in chlorite (and epidote?) alteration, likely envelope for vein at 111.64m. Minor increase in pyrite.
			112.92	113.21	0.29		GN-GY	EN		t	tw		chl	tw	VT	35-50	<0.7	4		tw							Similar to 111.60-111.75m. Chlorite envelopes to several veinlets. Very finely disseminated pyrite noted.
			119.77	120.37	0.60		BG-GY	EN	f		tw				VT	55	2.0			t		Sp	w	Gn	tw		Strongly phyllic altered interval, likely envelope for veining at 120.21m. Weak silicification also noted. Banded and blebby quart\-carbonate veinlet with minor sulphides in bands (<0.3cm wide).
			122.86	123.07	0.21		WH/GN			f					VT	50	1.0					Cb					Strongly clay altered interval with carbonate veinlet.
			124.00	124.42	0.42																						Interval of crushed core - likely due to drilling process.
			125.73	126.23	0.50		BG-GY	EN	f	tw	tw	tw			VT	80	1.5			tw							Similar to 119.77-120.37m, veinlet at 125.84m. Strong phyllic and silica altered envelope to a banded quartz-carbonate veinlet. Increased disseminated pyrite in matrix.
			126.23	126.75	0.52																						Interval of crushed core and rubble.
129.47	133.38	3.91				GRD	BG-GY		f	tw	tw		chl	tw	FX	30-60		4									Strongly Altered Granodiorite; Similar to 119.77-120.37m and 125.73-126.23m. Moderate phyllic altered coarse grained granodiorite with weak silicification and patchy clay alteration. Low fracturing, often with clean fracture surfaces. One small zone of brecciation with clay matrix. One low angle fracture (approx 10° TCA) noted.
							BG								VT	70	<0.5	3				Cb					Low-moderate veining density, two main styles; beige-tan carbonate veinlets and grey bands of silicification. Mineralization tends to occur with quartz "veinlets". Very diffused siliceous envelopes with epidote commonly noted.
							GY								VT	55	<7	1				Qz		Cb			
								EN			f		epi	tw			<4										
																			tw	tw							Weak sulphide mineralization. Finely disseminated pyrite noted in siliceous envelope while polymetallic sulphides occur in blebby bands in grey quartz veinlets.
			129.62	129.75	0.13		LT-GY	EN	f		ms				VT	60	20.0			w		Sp	tw	Gn	t		Silicified and phyllic altered envelope to sulphide bearing quartz veinlet. Polymetallic sulphides occur as diffused and discontinuous stringers and as small (<0.2cm) clots in matrix.
			131.22	131.26	0.04		GY								GO	65	3.0										Moderately brecciated zone with pyritic grey gouge matrix.
			132.71	132.92	0.21		LT-GY	EN	f		m				VT	60	7.0			f		Sp	tw	Gn	w		Similar to 131.22-131.26m, veinlet at 132.73m. Banded grey quartz and cream carbonate veinlet carrying blebby polymetallic sulphides including pyrite, galena, sphalerite and chalcopyrite.
			133.26												VT	75	1.0					Sp	w				Quartz-carbonate veinlet bearing brown sphalerite.
133.38	144.83	11.45				GRD	GY/PK		t	t			pot	tw	FX	35-50		3									Granodiorite; Weakly altered coarse grained granodiorite, potassic with phyllic overprint. Localized zones of increased phyllic alteration, these are associated with narrow veining and are altered envelopes. Low fracturing.
							BG-WH								VT	60-70	<0.7	3				Cb					Low-moderate veining, two main styles. Wispy cream carbonate fracture fill and banded grey and cream quartz-carbonate veinlets that are commonly weakly mineralized. Both veining styles are associated with weak and diffused dark green chlorite envelopes.
							GY								VT	60	<1	1	tw			Qz		Cb			
							GN	EN					chl	tw			2.0										
																			tw	t		Sp	t	Mg	tw		Low mineralization. Finely disseminated pyrite in matrix but dominantly noted in chlorite vein envelopes. Trace sphalerite and possible galena also noted. Magnetite is present throughout the interval.
			134.75	135.05	0.30			EN	w		t				VT	60	<1	4		w							Increase phyllic alteration and weakly silicified, likely envelopes to sulphide bearing quartz-carbonate veinlets.
			135.78												VT	55	0.5										Sphalerite and pyrite bearing quartz-carbonate veinlet.
			143.31	144.83	1.52		BG-TN		f	w	t		chl	tw	C	60				w							"Contact zone"; Strongly altered and bleached granodiorite, likely contact zone to breccia immediately downhole. Slight increase in disseminated pyrite throughout the matrix. Several banded quartz-carbonate veinlets noted.
144.83	147.18	2.35				BXA	BG/GY		f	m	m				FX	40			w	w							Breccia; Medium-dark grey matrix supported breccia with bleached and altered granodiorite clasts, similar to 143.31-144.83m, up to 8cm core width. Clasts are sub angular in shape and are moderately clay and phyllic altered, with localized zones of weak-moderate silicification.. Slightly blocky core rock with clean fractures. The grey matrix is weak-moderately silicified and the darker portions are noted to be more pyrite with possible tourmaline.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
147.18	161.08	13.90				GRD	GY/PK		t		t		pot	t	FX	20-40												Granodiorite; Similar to 133.38-144.83m. Weakly potassic and phyllic altered coarse grained granodiorite. Minor zones (approx 2-5%) of increased phyllic alteration associated with veining structure. Moderate fracturing, with zones (1-3%) of crushed and blocky core rock - possible fault zones(?).
															VT	25-50	<0.1	3				Cb						Low-moderate veining density, most commonly narrow wispy carbonate fracture fill and dark grey sulphide bearing quartz veinlets. Diffused chlorite and silica flooded envelopes are generally present.
							DK-GY								VT	25-50	<0.5	2				Qz		Cb				
							GN						chl	w			5.0											
																			tw	t		Sp	t	Mg	tw			Low mineralization. Finely disseminated pyrite noted in matrix but generally in veining envelopes. Trace brown sphalerite noted in veinlets with possible galena. Magnetite present throughout the interval.
			147.18	148.56	1.38		BG-TN		f	w	t				C	55				w		Gn	t					"Contact zone"; similar to 143.31-144.83m. Likely contact to breccia zone uphole.
			148.56	148.73	0.17			BX		m					GO													Interval of blocky, rubble core rock with granular gouge.
			151.70	153.42	1.72	FLT?		BX		f			chl	m	GO													interval of rubble and strongly brecciated rock with moderate clay/gouge matrix. Appears to be strongly chlorite altered - possible fault zone(?).
			154.77	155.06	0.29		MD-GN	EN	tw				chl	tw	VT	75	0.2			tw		Sp	w					Chlorite and phyllic envelope to diffused silica veinlet.
			156.78	157.09	0.31		MD-GN	EN	tw				chl	tw	VT		<0.5	4		tw	t?	Sp	w					Similar to 154.77-155.06m. Chlorite altered envelopes to several sulphide bearing veinlets.
			158.81	159.39	0.58		LT-GN		tw		m		chl	t						f	t?							Silicified interval with sericite and minor chlorite. Increased in disseminated pyrite in matrix as well as bands. Possible arsenopyrite(?).
161.08	167.64	6.56				GRD	MD-GN		f	f	w		chl	f	FX													Moderately Altered Granodiorite; Light-medium yellow-green altered coarse grained granodiorite. Patchy zones of varying intensities of phyllic, clay, and chlorite alterations. Trace potassic flooding is locally noted. The more clay altered zones appear to be associated with veining structures. Moderate-strong fracturing with blocky and shattered core rock. Locally weak-moderately brecciated with granular gouge/clay matrix.
							GY				f				VT	65-70	0.5	4				Qz		Cb				Appears to be moderate veining density. Difficult to determine due to brokenness of core and diffuseness of silica flooded zones. Cream and grey quartz-carbonate veinlets.
																			w	w								Weak-moderate mineralization. Fine-medium disseminated pyrite noted locally in this interval, often carried in veinlets as well.
167.64	182.88	15.24				GRD	GY/PK		t		t		pot	tw	FX	30-50		7										Granodiorite; Similar to 133.38-144.83m. Weakly potassic altered and phyllic overprinted granodiorite. Localized zones of light grey-green stronger phyllic and clay alteration. Moderate fracturing with local zones of blocky core rock and minor granular gouge.
							TN-WH								VT	60	<0.1	3				Cb						Low-moderate veining density, two main styles, similar to units uphole. Narrow carbonate fracture fill veinlets and diffused silica flooded "veinlets". Weakly diffused chlorite envelopes present.
							GY/PK								VT	60	<1	1				Qz						
							GN	EN					chl	tw			<1											
																			tw	t		Sp	t	Mg	tw			Low mineralization. Finely disseminated pyrite present in matrix but mainly noted in stronger phyllic zones. Magnetite present. Trace brown sphalerite in silica veinlets.
			172.92	173.71	0.79		LT-GN		f	t	m				VT	60	<3	3		tw		Sp	t					Increased phyllic and silica alteration. Blocky core rock. Several sulphide bearing silica flooded zones noted.
			175.08	178.73	3.65		LT-GN		f	t	m				VT	40-50	0.5	2		w		Cb						Similar to 172.92-173.71m. Interval of increased phyllic and clay alteration with moderate silicification. Slight increase in veining; banded quartz-carbonate veinlets are present as well as strongly diffused silica flooded zones. Increased disseminated pyrite blebs (<0.3cm) noted.
															TV	40-50	<1	4										
			179.50	181.94	2.44		MD-GN				m		chl	w						w								Mottled grey and green silica and chlorite flooded interval.
																												EOH at 182.88m.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

SAMPLE LOG

HOLE: KL-10-05

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Comments
0.00	6.07	6.07		0	N/S						Casing/overburden
6.07	8.67	2.60	2.40	92	J980080	5	0.017	0.7	238	525	
8.67	11.45	2.78	2.72	98	J980081	5	0.029	1.5	563	346	
11.45	14.23	2.78	2.74	99	J980082	5	0.073	2.8	807	2160	
					J980083	5	3.28	411	31200	35400	Standard: PL-2 (used 2)
14.23	16.41	2.18	2.14	98	***J980084***	5	0.006	0.5	134	582	dyke
16.41	18.70	2.29	2.24	98	***J980085***	5	0.005	<0.2	54	163	dyke
18.70	20.41	1.71	1.04	61	***J980086***	5	0.007	0.4	57	230	fault/contact
20.41	22.21	1.80	1.78	99	***J980087***	5	5.71	18.5	2940	2610	strongly oxidized
22.21	24.38	2.17	2.10	97	***J980088***	5	3.62	79.1	15200	43100	vein brecciated
					J980089	5	0.005	<0.2	25	137	Blank
24.38	25.64	1.26	1.23	98	***J980090***	5	0.087	3.4	853	1050	
25.64	28.42	2.78	2.74	99	***J980091***	5	0.032	1.3	336	1150	
28.42	30.48	2.06	1.88	91	***J980092***	5	0.015	0.7	175	513	
30.48	32.41	1.93	1.98	103	***J980093***	5	0.008	0.4	80	337	
32.41	35.22	2.81	2.82	100	***J980094***	5	0.005	0.8	216	301	
35.22	37.93	2.71	2.71	100	***J980095***	5	0.1	10	2740	1130	
37.93	40.31	2.38	2.25	95	***J980096***	6	0.048	3.5	1225	1220	
40.31	40.97	0.66	0.66	100	***J980097***	6	3.55	58.7	13850	21500	vein brecciated
					J980098	6	3.19	421	30500	35500	Standard: PL-2 (used 2)
40.97	43.15	2.18	2.03	93	***J980099***	6	0.011	2.1	509	1070	
43.15	45.68	2.53	2.44	96	E147101	6	0.065	2.9	680	907	chlorite envelopes/veinlets
45.68	48.19	2.51	2.46	98	E147102	6	0.008	1.3	414	259	includes one veinlet
48.19	48.90	0.71	0.71	100	***E147103***	6	1.06	153	14200	11500	veinlets
					E147104	6	<0.005	<0.2	6	25	Blank
48.90	51.81	2.91	2.81	97	E147105	6	<0.005	0.8	116	84	
51.81	54.86	3.05	2.97	97	E147106	6	<0.005	0.7	65	65	
54.86	57.91	3.05	2.90	95	E147107	6	<0.005	1.3	403	260	
57.91	59.21	1.30	1.31	100	E147108	6	0.089	8.6	2840	3640	chlorite envelopes/veinlets
59.21	60.75	1.54	1.44	94	E147109	6	<0.005	<0.2	16	51	
60.75	63.58	2.83	2.74	97	***E147110***	6	0.023	3.4	1260	1375	
63.58	66.34	2.76	2.54	92	***E147111***	6	0.064	2.6	640	2270	veining
					E147112	6	<0.005	<0.2	2	22	Blank
66.34	69.19	2.85	2.74	96	***E147113***	6	0.012	0.3	98	139	
69.19	71.48	2.29	2.35	100	***E147114***	6	0.005	1.1	351	849	includes veinlets
71.48	73.61	2.13	2.04	96	***E147115***	6	<0.005	0.4	124	76	
73.61	75.83	2.22	2.13	96	***E147116***	6	<0.005	0.2	29	137	
75.83	76.89	1.06	1.08	100	***E147117***	6	<0.005	0.3	117	49	includes veinlets
76.89	79.20	2.31	2.28	99	***E147118***	6	<0.005	0.5	97	417	veining
79.20	81.16	1.96	1.72	88	***E147119***	6	1.465	95.1	7510	10000	veining and envelopes
					E147120	6	3.32	417	30500	35900	Standard: PL-2 (use 2)
81.16	83.43	2.27	2.25	99	***E147121***	6	0.007	0.4	95	194	
83.43	86.39	2.96	2.87	97	E147122	6	<0.005	0.5	45	81	
86.39	89.53	3.14	3.18	100	E147123	6	<0.005	0.9	183	718	
89.53	91.44	1.91	1.85	97	E147124	6	<0.005	<0.2	17	46	
91.44	93.12	1.68	1.63	97	E147125	6	<0.005	3.3	1440	897	
93.12	95.87	2.75	2.81	100	E147126	6	<0.005	<0.2	14	34	
					E147127	6	<0.005	<0.2	14	34	Quarter split duplicate of **126
95.87	97.53	1.66	1.64	99	E147128	6	0.01	2.6	525	1615	

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Comments
97.53	99.23	1.70	1.75	100	E147129	6	<0.005	<0.2	17	40	
99.23	101.34	2.11	2.07	98	E147130	6	0.006	0.8	159	508	
101.34	102.52	1.18	1.26	100	E147131	6	<0.005	<0.2	11	28	decreased alteration zone
102.52	105.20	2.68	2.58	96	E147132	6	<0.005	0.2	39	70	
105.20	107.88	2.68	2.65	99	E147133	7	0.007	0.2	59	87	
107.88	110.50	2.62	2.52	96	E147134	7	<0.005	<0.2	12	36	includes veining
110.50	113.21	2.71	2.56	94	E147135	7	0.006	0.2	56	44	
					E147136	7	3.32	426	29900	35100	Standard: PL-2 (use 2)
113.21	115.82	2.61	2.47	95	E147137	7	0.005	<0.2	10	30	
115.82	118.87	3.05	2.94	96	E147138	7	<0.005	0.2	40	80	
118.87	121.92	3.05	3.03	99	***E147139***	7	0.007	0.6	221	414	includes veining and altered zone
121.92	124.97	3.05	2.82	92	***E147140***	7	0.005	<0.2	22	221	
124.97	128.01	3.04	2.77	91	***E147141***	7	0.043	0.3	79	101	includes veining and altered zone
128.01	129.47	1.46	1.46	100	***E147142***	7	0.107	4.4	1185	859	
129.47	131.47	2.00	2.10	100	***E147143***	7	0.075	1.1	315	464	
131.47	133.38	1.91	1.89	99	***E147144***	7	0.237	9.7	2920	3220	vein
					E147145	7	3.22	434	30600	36000	Standard: PL-2 (use 2)
133.38	135.05	1.67	1.68	100	***E147146***	7	0.01	1.5	64	178	includes veining
135.05	137.16	2.11	2.13	100	E147147	7	0.005	0.3	20	45	
137.16	140.20	3.04	3.01	99	E147148	7	0.005	<0.2	12	34	
140.20	143.31	3.11	3.07	99	***E147149***	7	<0.005	0.3	30	97	
143.31	144.83	1.52	1.53	100	***E147150***	7	0.01	0.3	82	70	altered zone
144.83	147.18	2.35	2.18	93	***E147201***	7	0.049	2.6	661	947	breccia
					E147202	7	3.32	423	30000	35300	Standard: PL-2 (use 2)
147.18	148.56	1.38	1.36	99	***E147203***	7	0.013	0.4	34	63	altered zone
148.56	151.74	3.18	3.27	100	***E147204***	7	<0.005	<0.2	12	36	
151.74	153.42	1.68	1.35	80	E147205	7	0.026	0.5	42	93	fault(?)
153.42	156.77	3.35	3.38	100	E147206	7	0.005	<0.2	7	26	includes veining
156.77	159.39	2.62	2.55	97	E147207	7	0.014	0.4	56	86	includes veining
					E147208	7	<0.005	<0.2	<2	12	Blank
159.39	161.08	1.69	1.59	94	E147209	7	<0.005	<0.2	3	27	
161.08	164.59	3.51	2.23	64	E147210	7	0.03	1.2	221	357	
164.59	167.64	3.05	2.14	70	E147211	7	0.008	0.4	191	240	
167.64	170.69	3.05	1.89	62	E147212	7	<0.005	<0.2	10	29	
170.69	172.92	2.23	2.02	91	E147213	7	<0.005	<0.2	7	28	
					E147214	7	<0.005	<0.2	5	27	Quarter split duplicate of *213
172.92	175.08	2.16	2.10	97	E147215	7	0.234	2.3	427	958	altered zone
175.08	178.73	3.65	2.73	75	E147216	7	0.045	0.7	229	228	
178.73	180.94	2.21	2.26	100	E147217	7	0.014	<0.2	35	87	altered zone
180.94	182.88	1.94	1.20	62	E147218	7	0.005	<0.2	4	30	
	EOH										

GEOTECHNICAL LOG

HOLE: KL-10-05

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	6.07	6.07	0.28	5	0	0		SW		
6.07	9.14	3.07	2.85	93	1.57	51		SW		
9.14	12.19	3.05	3.00	98	1.80	59		SW		
12.19	15.24	3.05	3.04	100	1.01	33		SW		
15.24	18.28	3.04	2.95	97	2.51	83		SW		
18.28	21.33	3.05	2.71	89	1.23	40		SW		
21.33	24.38	3.05	3.00	98	2.50	82		FR		
24.38	27.43	3.05	3.05	100	2.85	93		FR		
27.43	30.48	3.05	2.94	96	2.80	92		FR		
30.48	33.51	3.03	3.07	101	3.07	101		FR		
33.51	36.57	3.06	3.04	99	3.04	99		FR		
36.57	39.62	3.05	3.00	98	3.00	98		FR		
39.62	42.67	3.05	3.09	101	2.87	94		FR		
42.67	45.72	3.05	3.00	98	3.00	98		FR		
45.72	48.76	3.04	3.04	100	2.83	93		FR		
48.76	51.81	3.05	3.00	98	2.90	95		FR		
51.81	54.86	3.05	2.92	96	2.73	90		FR		
54.86	57.91	3.05	2.90	95	2.25	74		FR		
57.91	60.96	3.05	3.04	100	2.80	92		FR		
60.96	64.01	3.05	3.07	101	2.30	75		FR		
64.01	67.05	3.04	2.85	94	2.35	77		FR		
67.05	70.10	3.05	2.95	97	2.62	86		FR		
70.10	73.15	3.05	2.92	96	2.92	96		FR		
73.15	76.20	3.05	2.96	97	2.96	97		FR		
76.20	79.25	3.05	3.06	100	3.00	98		FR		
79.25	82.29	3.04	2.80	92	1.90	62		FR		
82.29	85.34	3.05	2.86	94	2.86	94		FR		
85.34	88.39	3.05	3.08	101	3.08	101		FR		
88.39	91.44	3.05	3.05	100	2.83	93		FR		
91.44	94.48	3.04	3.02	99	2.94	97		FR		
94.48	97.53	3.05	2.97	97	2.97	97		FR		
97.53	100.58	3.05	3.05	100	2.45	80		FR		
100.58	103.63	3.05	2.90	95	2.90	95		FR		
103.63	106.68	3.05	3.05	100	2.73	90		FR		
106.68	109.72	3.04	3.03	100	1.75	58		FR		
109.72	112.78	3.06	2.90	95	2.70	88		FR		
112.78	115.82	3.04	2.94	97	2.63	87		FR		
115.82	118.87	3.05	3.00	98	2.72	89		FR		
118.87	121.92	3.05	3.06	100	3.00	98		FR		
121.92	124.97	3.05	3.01	99	2.13	70		FR		
124.97	128.01	3.04	3.02	99	1.80	59		FR		
128.01	131.06	3.05	3.00	98	3.00	98		FR		
131.06	134.11	3.05	3.06	100	3.00	98		FR		
134.11	137.16	3.05	3.07	101	3.07	101		FR		
137.16	140.20	3.04	3.00	99	2.92	96		FR		
140.20	143.26	3.06	3.04	99	2.95	96		FR		
143.26	146.30	3.04	2.87	94	2.87	94		FR		
146.30	149.35	3.05	3.08	101	2.40	79		FR		
149.35	152.40	3.05	3.00	98	2.46	81		FR		
152.40	155.44	3.04	2.80	92	2.20	72		FR		
155.44	158.49	3.05	2.96	97	2.96	97		FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
158.49	161.54	3.05	2.90	95	2.71	89		FR		
161.54	164.59	3.05	3.06	100	1.90	62		FR		
164.59	167.64	3.05	2.67	88	0.80	26		FR		
167.64	170.69	3.05	2.18	71	0.88	29		FR		
170.69	173.73	3.04	2.82	93	1.73	57		FR		
173.73	176.78	3.05	2.20	72	1.01	33		FR		
176.78	179.83	3.05	2.91	95	1.78	58		FR		
179.83	182.88	3.05	2.14	70	0.62	20		FR		
EOH	EOH	EOH	EOH	EOH	EOH	EOH	EOH	EOH		

MAGNETIC SUSCEPTIBILITY LOG

HOLE: KL-10-05

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			N/A	
6.00			15.10	
7.00			2.17	
8.00			11.90	
9.00			0.54	
10.00			5.23	
11.00			5.12	
12.00			1.81	
13.00			0.47	
14.00			0.45	
15.00			0.03	
16.00			0.10	
17.00			0.12	
18.00			0.07	
19.00			0.03	
20.00			0.07	
21.00			0.23	
22.00			0.20	
23.00			0.69	
24.00			0.18	
25.00			0.34	
26.00			0.32	
27.00			0.23	
28.00			0.29	
29.00			0.23	
30.00			0.21	
31.00			0.45	
32.00			0.14	
33.00			8.96	
34.00			0.36	
35.00			1.02	
36.00			0.25	
37.00			8.94	
38.00			0.34	
39.00			0.42	
40.00			0.42	
41.00			5.01	
42.00			16.70	
43.00			0.87	
44.00			6.29	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.45	
46.00			15.90	
47.00			12.00	
48.00			18.00	
49.00			8.89	
50.00			25.00	
51.00			26.60	
52.00			27.50	
53.00			19.00	
54.00			21.80	
55.00			15.10	
56.00			25.70	
57.00			29.20	
58.00			0.38	
59.00			13.20	
60.00			8.28	
61.00			0.91	
62.00			0.95	
63.00			0.54	
64.00			2.28	
65.00			0.60	
66.00			12.60	
67.00			24.20	
68.00			27.80	
69.00			16.80	
70.00			1.02	
71.00			18.00	
72.00			18.70	
73.00			27.30	
74.00			12.80	
75.00			23.50	
76.00			3.45	
77.00			15.80	
78.00			1.66	
79.00			12.50	
80.00			12.90	
81.00			12.80	
82.00			16.30	
83.00			1.64	
84.00			2.06	
85.00			22.70	
86.00			19.50	
87.00			6.24	
88.00			11.70	
89.00			30.80	
90.00			1.77	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			16.80	
92.00			0.29	
93.00			0.60	
94.00			0.78	
95.00			14.50	
96.00			16.70	
97.00			2.30	
98.00			27.00	
99.00			16.80	
100.00			0.67	
101.00			0.32	
102.00			16.70	
103.00			1.15	
104.00			0.75	
105.00			0.31	
106.00			1.06	
107.00			0.29	
108.00			0.75	
109.00			19.70	
110.00			22.50	
111.00			20.80	
112.00			23.30	
113.00			0.80	
114.00			27.40	
115.00			17.80	
116.00			28.60	
117.00			30.90	
118.00			26.60	
119.00			15.30	
120.00			0.58	
121.00			16.90	
122.00			16.00	
123.00			14.20	
124.00			19.70	
125.00			15.40	
126.00			0.78	
127.00			14.40	
128.00			6.25	
129.00			20.70	
130.00			9.09	
131.00			0.34	
132.00			0.51	
133.00			0.43	
134.00			31.20	
135.00			22.30	
136.00			13.00	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			23.40	
138.00			14.50	
139.00			8.63	
140.00			19.80	
141.00			11.20	
142.00			18.30	
143.00			2.90	
144.00			1.72	
145.00			0.42	
146.00			0.18	
147.00			0.21	
148.00			15.90	
149.00			10.30	
150.00			28.90	
151.00			31.10	
152.00			6.38	
153.00			6.53	
154.00			34.30	
155.00			8.05	
156.00			34.30	
157.00			9.40	
158.00			30.00	
159.00			1.02	
160.00			37.20	
161.00			1.92	
162.00			0.98	
163.00			0.29	
164.00			0.31	
165.00			2.67	
166.00			1.31	
167.00			1.64	
168.00			22.50	
169.00			32.70	
170.00			5.26	
171.00			16.30	
172.00			30.80	
173.00			15.00	
174.00			15.70	
175.00			12.40	
176.00			1.59	
177.00			2.58	
178.00			1.12	
179.00			34.20	
180.00			2.68	
181.00			8.20	
182.00			27.30	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)		Unit	Modifier	Magnetic Susceptibility	Comments
E.O.H.		E.O.H.	E.O.H.	E.O.H.	

BOX LOG

HOLE: KL-10-05

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	9.62	36	148.02	151.70
2	9.62	13.36	37	151.70	155.71
3	13.36	17.05	38	155.71	159.72
4	17.05	21.30	39	159.72	164.00
5	21.30	25.50	40	164.00	167.64
6	25.50	29.60	41	167.64	173.73
7	29.60	33.92	42	173.73	180.09
8	33.92	37.85	43	180.09	182.88
9	37.85	42.13	EOH	EOH	EOH
10	42.13	45.72			
11	45.72	49.33			
12	49.33	53.69			
13	53.69	57.91			
14	57.91	62.23			
15	62.23	66.00			
16	66.00	70.19			
17	70.19	74.55			
18	74.55	78.86			
19	78.86	82.77			
20	82.77	86.82			
21	86.82	90.68			
22	90.68	94.61			
23	94.61	98.97			
24	98.97	102.65			
25	102.65	106.68			
26	106.68	110.50			
27	110.50	113.50			
28	113.50	118.87			
29	118.87	123.03			
30	123.03	127.00			
31	127.00	130.95			
32	130.95	135.21			
33	135.21	139.60			
34	139.60	143.85			
35	143.85	148.02			

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382826	6889392	1457	49.07

ZONE: Northern part of BRX zone

SECTION:

HOLE: KL-10-06

CLAIM: YC37990

Contractor: Top Rank

Drill:

Core size: NTW (EOH/49.07m)

Casing depth: 3.05 (m) in / **out**

Drilling dates: August 10-11 2010

Geology logged by: M. Phillips

TARGET: TR-10-04

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50.0	compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.05	3.05	OB	Overburden
3.05	6.48	3.43	GRD	propylitic altered granodiorite
6.48	11.18	4.70	BRX+POR	Quartz porphyry dykes with brecciated zones
11.18	24.18	13.00	GRD	Phyllic to argillic altered granodiorite
24.18	24.40	0.22	VN	Quartz - carbonate and strong phyllic alteration
				with Py, As, Gn and Sp
24.40	47.40	23.00	GRD	Granodiorite hosting zones of bleaching, argillic
				and phyllic alteration, local veining
				EOH @ 47.40 m

SAMPLES

Numbers: E147342 - E147350; E147401 - E147415

Total: 24

Batch: 10 (24 samples only)

Date Sent:

Certificate: WH10159066

COMMENTS

GEOLOGY LOG

HOLE: KL-10-06

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
0.00	3.05	3.05																									Casing - no recovery
3.05	6.48	3.43				GRD	GYMD								DY	45				t		Mg	m				Weak propylitic - Hb to CL, rare veinlet Ca, veinlet Py, below 5m 2 - 1 to 2 cm dykes - aphanitic.
6.48	9.20	2.72				GRD	BNLT			75					VT	20											Clay altered - clay + calcite + biotite, weak VT quartz (<5mm).
			7.22	7.65	0.43	BXA				75	tw																<2mm clasts in clay - clasts to 2cm bleached Qz porphyry - brecciated dyke?
			9.10	9.20	0.10	BXA									BX	30											Bx - GRD, weak.
9.20	9.40	0.20				POR	BNLT	BX			tw				BX	20			t								Glassy aphanitic, wksx and black silica - weakly developed vein.
9.40	11.18	1.78				BXA	BNLT		?	60	10								t								Mainly POR (as above) to 10.1 and below clasts to bottom mainly GRD, minor POR mainly argillic altered KA and CA.
11.18	19.82	8.64				GRD	GYMD	XL											t			Mg	m				Trace Fx pyrite.
			11.18	11.45	0.27	VEN			10	20	20								t	t							VEN - upto 8cm band black quartz and black spotting. Di and Fx pyrite.
			11.45	12.30	0.85				30	20									t	t							Phyllic alteration, transitional to argillic towards bottom.
19.82	23.30	3.48				GRD	ORLT		10	50									t								Argillic altered - KA and CA (weak) and BI, below 22.50 biotite absent; wide spaced weak <20cm phyllic bands.
23.30	24.18	0.88				GRD	ORMD		50	50									tw	t							Moderate phyllic with overprint of supergene argillic.
24.18	24.40	0.22				VEN	BK		25	o	75				VN	70			30	20	10	Gn	t	Sp	tw		Quartz - carbonate and strong phyllic alteration with Py, As, Gn and Sp.
24.40	24.55	0.15				GRD	ORMD		75	o	o				FX	45			tw	tw	t						Sheeted Fx strong, strong phyllic alteration.
24.55	25.60	1.05				GRD	GYMD		60	30	10								tw	tw	t						50cm band moderate - strong phyllic in a argillic envelope - KA - CA (weak) and BI absent.
25.60	27.73	2.13				GRD	GYMD															Mg	m				Weak propylitic GRD.
			26.14	26.18	0.04	FLT	ORMD			90																	FLT?
			26.97	27.73	0.76	GRD	ORLT		25													He	w				Bleached, mafics altered, weak phyllic, narrow band argillic altered at propylitic altered GRD.
27.73	49.07	21.34				GRD	GYMD															Mg	w				
			27.73	28.75	1.02				ms	ms	t								t	t							Weak phyllic and argillic narrow bands; <3mm chalcedony veinlets, trace fracture and disseminated pyrite; 33.45 - 1cm Qz-Ca-Py veinlet 70 degrees.
			42.31	42.57	0.26				ms	ms			Ca	tw					t								Bleached, weak pervasive phyllic alt.
			42.57	42.71	0.14	VEN	WHYW	LM	f	o	20		Cb	60	VN	50			L	tw		Sp	m	Gn	m		VEN - H/W 1 to 1.5 cm white and gray quartz, heavy Py; middling 13cm Ca - Cb and calcedonic quartz, at top contact 1.5cm SL >> CN and near bottom contact blebs, irregular band SL >> CN below F/W vein upto 2cm Qz + Se + DL Py.
			42.71	43.00	0.29	GRD	GNLT		50										t								Weak - moderate phyllic alteration.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			44.80	46.15	1.35	GRD	GNGY		30				Cb	tw														Weak and moderate bands of phyllic alt, Cb - Qz VT increase 2mm - 10mm wide.
			46.15	46.22	0.07	GRD	GNCY		75						VN	75			f									H/W of vein - strong phyllic.
			46.22	46.35	0.13	VEN	GNLT		25		m		Cb	40					t	t		SL	t					VEN - H/W up to 2cm band Cb; on F/W contact upto 6cm band Cb Vtand matrix CDR Bx clasts; weak Sp and Py in 2cm band middling - weak - moderate phyllic altered.
			46.35	47.40	1.05	GRD	GNGY		50	50	t																	At top 30cm band mod - strong phyllic alteration passes into argillic KA and Bl to bottom; minor <3mm chalcedonic Qz VT.
49.07	E.O.H.																											

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

SAMPLE LOG

HOLE: KL-10-06

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Comments
0.00	3.05	3.05			N/S						Casing; No recovery
3.05	6.40	3.35			E147342	10	0.005	<0.2	9	51	
6.40	9.10	2.70			E147343	10	0.011	0.4	16	117	
9.10	10.40	1.30			E147344	10	0.015	0.8	124	281	
10.40	11.45	1.05			E147345	10	0.03	0.5	53	171	
11.45	14.00	2.55			E147346	10	0.021	0.5	29	81	
14.00	15.54	1.54			E147347	10	<0.005	<0.2	7	31	
15.54	18.59	3.05			E147348	10	0.008	<0.2	6	35	
18.59	21.64	3.05			E147349	10	0.009	0.2	10	68	
21.64	24.00	2.36			E147350	10	45.7	41.8	90	1055	
24.00	25.00	1.00			E147401	10	1.42	16.4	3750	8200	
					E147402	10	0.017	<0.2	13	47	Blank
0.00	26.00	26.00			E147403	10	0.019	1.7	159	818	
26.00	28.00	2.00			E147404	10	0.011	0.4	19	462	
28.00	30.70	2.70			E147405	10	0.005	0.2	8	296	
30.70	33.83	3.13			E147406	10	0.007	0.2	9	106	
					E147407	10	3.08	421	30500	35000	Standard: PL-2
0.00	36.88	36.88			E147408	10	0.007	<0.2	11	104	
36.88	39.92	3.04			E147409	10	0.005	0.2	16	92	
39.92	42.00	2.08			E147410	10	<0.005	0.3	13	145	
42.00	43.00	1.00			E147411	10	0.045	22.2	2640	10600	
43.00	45.50	2.50			E147412	10	0.061	0.2	16	79	
45.50	46.50	1.00			E147413	10	0.02	0.6	112	325	
					E147414	10	0.248	337	9470	12850	Standard: CDN-SE-2
46.50	49.07	2.57			E147415	10	0.005	0.5	23	109	EOH at 49.07m

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382826	6889392	1457	49.07

ZONE:

SECTION:

HOLE: KL-10-06

CLAIM:

Contractor: Top Rank

Drill:

Core size: NTW (49.07m/EOH)

Casing depth: 3.05 (m) in / **out**

Drilling dates:

Geology logged by:

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	30	-50.0	compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		

SAMPLES

Numbers:

Total:

Batch:

Date Sent:

Certificate:

COMMENTS

GEOTECHNICAL LOG

HOLE: KL-10-06

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	3.05	3.05	0.00	0	0	0	-	-		casing; no redovery.
3.05	6.40	3.35	3.35	100	0.88	26	VS	FR		
6.40	9.45	3.05	2.12	70	0.44	14	W	SW		
9.45	12.50	3.05	2.40	79	0.72	24	S	W		
12.50	15.54	3.04	2.99	98	1.75	58	VS	FR		
15.54	18.59	3.05	3.03	99	1.80	59	VS	FR		
18.59	21.64	3.05	2.80	92	0.49	16	S	W		
21.64	24.69	3.05	2.90	95	1.17	38	S	W		
24.69	27.73	3.04	2.24	74	0.24	8	W	SW		
27.73	30.78	3.05	3.02	99	1.18	39	VS	FR		
30.78	33.83	3.05	2.75	90	1.41	46	VS	FR		
33.83	36.88	3.05	2.92	96	0.96	31	VS	w		
36.88	39.92	3.04	2.95	97	1.78	59	VS	FR		
39.92	42.98	3.06	3.02	99	0.88	29	VS	FR		
42.98	46.02	3.04	2.99	98	1.76	58	VS	FR		
46.02	49.07	3.05	2.83	93	1.10	36	VS	FR		
E.O.H.	E.O.H.	E.O.H.	E.O.H.	E.O.H	E.O.H	E.O.H.				

MAGNETIC SUSCEPTIBILITY LOG

HOLE: KL-10-05

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			-	Casing
2.00			-	Casing
3.00			-	Casing
4.00			20.50	
5.00			21.10	
6.00			9.74	
7.00			0.06	
8.00			0.15	
9.00			0.43	
10.00			0.28	
11.00			0.50	
12.00			0.26	
13.00			13.70	
14.00			11.70	
15.00			20.00	
16.00			20.20	
17.00			17.90	
18.00			17.80	
19.00			15.80	
20.00			3.49	
21.00			0.16	
22.00			0.42	
23.00			0.36	
24.00			0.08	
25.00			0.58	
26.00			-	rubbled core
27.00			0.10	
28.00			2.90	
29.00			0.13	
30.00			7.57	
31.00			9.49	
32.00			9.47	
33.00			9.24	
34.00			8.09	
35.00			9.52	
36.00			9.55	
37.00			9.91	
38.00			8.78	
39.00			9.24	
40.00			5.39	
41.00			4.75	
42.00			3.32	
43.00			6.38	
44.00			5.47	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.13	
46.00			0.20	
47.00			1.12	
48.00			8.60	
E.O.H.	E.O.H.	E.O.H.	E.O.H.	

BOX LOG

HOLE: KL-10-06

BOX	FROM (m)	TO (m)
1	3.05	6.60
2	6.60	10.52
3	10.52	14.63
4	14.63	18.59
5	18.59	22.78
6	22.78	27.23
7	27.23	31.07
8	31.07	35.02
9	35.02	39.09
10	39.09	43.06
11	43.06	47.00
12	47.00	49.07
E.O.H.	E.O.H.	E.O.H.

BOX	FROM (m)	TO (m)

PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			382765	6890352	1360	167.64

SECTION:

HOLE: KL-10-07

CLAIM: YD09218

Contractor: Top Rank

Drill:

Core size: NTW (EOH / 167.64m)

Casing depth: 3.05 (m) in / **out**

Drilling dates: August 11-14 2010

Geology logged by: M. Phillips

TARGET: South of TR-10-09

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50.0	compass				
167.64		-48.0	acid test				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	3.50	3.50	OVB	Casing - recovered 0.3 m of granodiorite
3.50	20.80	17.30	GRD	Bleached - argillic altered granodiorite
20.80	35.78	14.98	VEN	Vn - gray quartz, 30% Sx
35.78	93.92	58.14	GRD	Bleched - strong phyllic altered granodiorite with
				intermittent Qz and Sx Vn throughout
93.92	100.97	7.05	POR	15-20% Fd and rare Qz - chalcedony.
100.97	107.93	6.96	GRD	Bleached - strong phyllic altered granodiorite
107.93	113.95	6.02	POR	Feldspar porphyry - 15% fine - medium Fd
113.95	131.63	17.68	GRD	Propylitic altered - Ca and Cl VT
131.63	140.50	8.87	POR	Feldspar porphyry - 15% fine - medium Fd
140.50	167.64	27.14	GRD	Bleached - Kf and Bi altered, looks partly argillic.
				Sx VN and breccias. Silica flooded in most parts
				E.O.H. 167.64m

SAMPLES

Numbers: E147416 - E147500; J981200 - J981218

Total: 104

Batch: 10 (12 samples only) , 11, 12, 13 (20 only)

Date Sent:

Certificate: WH10159066, WH10159764, WH10159768, WH1

COMMENTS

-on section 98-08

GEOLOGY LOG

HOLE: KL-10-07

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
0.00	3.50	3.50																									Casing - recovered 0.30 meters of GRD.
3.05	33.35	30.30				GRD	BNGY															Mg	w				GRD - Fd - a few slight pink colour - secondary k-spar?
			6.40	7.80	1.40	GRD	ORLT		25	50										t		He	w				Bleached - alternating bands of narrow (<8cm) strong phyllic alteration and wider bands of argillic alteration.
			8.72	9.23	0.51	GRD	ORLT			50												He	w				Bleached - moderate argillic alteration - Bi absent near lower contact.
			9.23	9.28	0.05	GRD	ORLT		50										tw	t		He	w				Bleach - moderate to intense phyllic next to vein.
			9.28	9.37	0.09	VEN	GYLT	LA			25		Cb	75	VN	80			s	t	tw	Sp	s	Gn	w		VEN - top 2cm gray and dark gray quartz and Sx - Gn, Sp, Py and As, lower 7cm cream and gray Cb, weak Qz - LA - Sx - mostly Sp.
			9.37	9.88	0.51	GRD	BNGY		25	50	w		Cb	t					t	t		He	w				Below vein contact strong phyllic, towards bottom, phyllic decreases and replaced by argillic alteration; weak < 2mm quartz and quartz-carbonate veinlets.
			9.88	15.24	5.36	GRD			25		w								t			Mg	w				Calcite veinlet <2mm weak with dark up to 5cm envelope - weak phyllic, 3mm Qz + Py veinlet and fracture pyrite.
			15.24	16.32	1.08		GYLT		50	25	o		Cb	tw	VT	60						He	tw				2 Cb-Ca VT upto 1cm wide with strong phyllic envelope seperated by 20cm band of weak - moderate phyllic alt; argillic alteration - weak to upper and lower contact.
			18.29	18.64	0.35		GYLT		o	50	o											He	tw				bleached, mafics altered, primary Kf stable - moderate argillic, Ca - fair pervasive.
			19.00	19.50	0.50		GYLT		70	25	o											He	tw				Strong phyllic, argillic alteration towards contact.
			20.80	21.34	0.54	VEN	ORMD		25		50		Cb	25	VT	65			s	tw	tw	Sp	ms				Strong phyllic envelope around a vein at 21.01 - 2cm Qz, Se and Cb with Sp, Gn, Py and As.
			24.52	24.54	0.02	VEN	GYLT								VT	70			t	t							2cm vein - Qz, Se and Cb with t pyrite, envelope of strong to weak phyllic alteration about 25cm wide.
			29.65	29.66	0.01	VEN	GYLT	VT			90		Cb	10	VT	70			L	tw		St	ms				VT 1cm Qz + Cb (low) with <3mm seam, Sx - St (strong) and Py (weak); 20cm envelope strong phyllic alteration.
			30.04	30.05	0.01	VEN		VT	80	o	20								w	w							VT - 2mm Qz with dk Se envelope 2% Py.
			31.41	31.45	0.04	VEN	BKGY	BN			75		Cb	25	VT	70			30	s	tw	Sp	ms	St	tw		Vein - 75% dark gray and light gray quartz, 25% middling pale orange carb; Sx 30% Py, St (?), Sp; St = m; vein 30cm strong phyllic envelope.
			32.27	32.92	0.65	FLT	GNBN			80					FLT	15											Fault? - strong weathered, crumbly rock.
33.35	35.78	2.43				VEN																					VEN = vein zone.
			33.35	33.63	0.28	GRD	ORLT	XL	60										t	t							Weak grading to strong phyllic alteration.
			33.63	33.78	0.15	VEN	ORGY		70										t	t							30% gray and dark gray VT and patches with intense phyllic altered GRD.
			33.78	34.14	0.36	VEN	GYDK		30		70				VN	70			ms	w							70% bands of smoky and lesser light gray quartz in strong phyllic altered GRD; mostly very fine Sx.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			34.14	34.66	0.52	GRD	ORLT		90		w				VN	70			t									Intense grading to strong phyllic alteration at lower contact, 2% <3mm fractured quartz veinlets.
			34.66	34.71	0.05	VEN	GYMD		50		50				VN	70			ms	w		Sp	m	St	m			Strong (50%) patchy medium gray quartz in phyllic altered GRD; strong Sx on bottom contact St, Sp and Py.
34.71	35.22	0.51				GRD	ORMD		90										t	t								Strong phyllic alteration.
			35.22	35.40	0.18	VEN	GYMD		90		w								tw	t								Intense phyllic altered with pyrite veinlets and weak <1cm quartz veinlets.
			35.40	35.78	0.38	GRD	ORMD		75	25									t	t								At vein contact intense phyllic alteration decreasing to argillic near lower contact.
35.78	93.92	58.14				GRD	GNGY															Mg	w				At 36.38 - 2mm Ca VT with 4cm phyllic and outter argillic envelope.
			36.63	37.00	0.37	GRD	ORLT		75																			Strong phyllic alteration related to weak hair like Fx.
			38.05	38.09	0.04	VEN	GYMD				90				VT	65			f	w		St	t					VEN - dk gray Qz - Py and St (weak); 3cm H/W and 12cm F/W vein intense phyllic alteration with 2-3% Py, trace St.
			40.14	40.15	0.01	VEN	GYMD	VT	25		100				VT	65			tw	tw								VT - 2mm - 1% Py, 10cm very weak phyllic envelope.
			44.85	45.30	0.45	GRD	ORLT		50		t		Cb	t	VT	65						He	w					Bleached - moderate phyllic alteration 75%; two - 2mm and 1cm Cb > quartz > Ca veinlets.
			48.79	48.80	0.01	VEN	GYLT	VT			80																	7mm VT - Qz, poorly developed.
			49.35	49.36	0.01	VEN	GYLT	VT			100				VT	80				t								VT - Qz 1.3cm weak rim pyrite at contacts; 4cm wide strong phyllic envelope.
			50.40	51.81	1.41	GRD	ORMD	VT	50	20	tw		Cb	tw	VT	80			t	t		He	tw					Bleached; 20% argillic alteration and 80% mod phyllic alteration; three 1.5cm wide weak Qz, Cb and Ca VT, weak fracture filling Cb and Ca only to 3mm VTs.
			51.81	52.72	0.91	GRD	GYLT		40	10	o		Cb	t								He	tw			tw		Bleached, weak-moderate phyllic alteration and weak argillic at bottom contact; weak <1mm Cb VT.
			54.77	54.78	0.01	VEN	GYDK	VT	10		90				VT	75			tw	tw								7mm Qz VT with 4cm dark green phyllic alteration envelope with weak pyrite and outter weaker phyllic alteration.
			57.89	57.96	0.07	GRD	GYLT		75											tw								Bleached - strong phyllic alteration weak Fx and DI pyrite.
			57.96	58.13	0.17														s	s								Brecciated, strong pyritematrix, intense phyllic alteration.
			58.13	58.28	0.15	VEN	BK	BN			60				VN	65			40	i		St	s	Sp	l			VEN - light and med gray quartz with Py, Sp, and St.
			58.28	59.25	0.97	GRD	ORMD		75				CB	t														bleached - phyllic altered strong at top and decreasing to moderate at bottom, weak <3mm Cb VT.
			59.65	60.16	0.51	GRD	ORLT		50																			Bleach strong phyllic alteration at 60.11 - 15cm Ca - Cb VT, below 60.11 alteration increases.
			60.16	60.23	0.07	VEN	BK	BX	25	i	i				VN	80			tw	tw								Irregular VN contacts, Bx - clasts to 3cm in a black soft very fine matrix with moderate pyrite and very fine clasts (<2mm); matrix 50% clay?
			60.23	60.36	0.13	GRD	GYLT		60										w	w								Bleached - strong phyllic altered, above normal Py - 3%.
			60.36	60.40	0.04	VEN	GNDK		60		w		Cb	s					w	w								VEN - 5mm Cb >> Qz with above normal pyrite, strong phyllic alteration.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			60.40	61.09	0.69	GRD	ORMD		25				Cb	tw					t	t		He	w				Bleached, moderate becoming weak towards bottom contact phyllic alteration, weak Cb VT.
			61.09	61.23	0.14	VEN	GYMD		60		L		Cb	l					t	t							VEN - 5cm medium gray quartz at top and 5mm quartz at bottom, midding strong phyllic; 20% Cb VT 3-10mm and crackle Fx filling.
			61.23	61.45	0.22	GRD	ORLT		60				Cb	t								He	w				Bleached, strong phyliic alteration; fair Cb VT (<3mm) decreasing to bottom.
			62.64	62.67	0.03	VEN	GRMD				55		Cb	45					t	t							VEN - 55% med and block quartz and 45% LA Cb; Vein in a 25cm wide envelope of weak moderate phyllic alteration.
			64.78	64.80	0.02	VEN	GYMD				75		Cb	f	VT	60			25	25							VEN - light and dark gray quartz; 20cm envelope strong phyllic alteration, 7cm envelope next to vein - intense phyllic.
			67.33	67.39	0.06	APL	RDLT								DY	65											Aplitc dyke.
			68.10	68.11	0.01	VEN	ORLT			90	10				VT	55											Cb - Qz (weak) VT with inner phyllic and outter argillic envelope 18cm wide.
			69.68	69.69	0.01	VEN	BKOR				45		Cb	50	VT	65			ms			St	m	Sp	w		VEN 7mm Qz = Cb.
			69.69	70.40	0.71	GRD	ORGY		25													He	w				Weak phyllic alteration - Kf stable.
			70.40	71.25	0.85	GRD	GYMD			35												He	w				Weak - fair argillic alteration - Bi stable.
			71.25	72.75	1.50	GRD	ORMD			25												He	w				Weak - mod phyllic alteration - KF stable to altered.
			75.05	75.44	0.39	GRD	ORDK		30		f								t	t		He	w				Zone with weak veinlets (5%), black fractures, 5mm chalcedonic quartz, 5mm quartz pyrite veinlet and 2cm breccia, clasts to 1cm in a black silicious matrix in phyllic altered rock.
			75.66	76.21	0.55	GRD	ORMD		30																		Bleached, weak-fair phyllic alteration.
			76.21	76.37	0.16	VEN	GYDR	SH	15		75				VN	60			m	m							VEN - dark gray and black quartz - looks sheared; small patch GRD.
			76.37	76.80	0.43	GRD	GYLT		50													He	w				Bleached, moderate phyllic altered.
			78.50	78.70	0.20	FLT	GYLT	SH		10			Ca	w	FLT	30											FLT - weak; weakly bleached.
			80.60	80.61	0.01	VEN	WH	VT			80		Cb	20	VT	45											VT - 7mm Qz - Cb.
			81.38	81.42	0.04	VEN	GYDK	VT	10		90		Cb	t	VT	50			ms	w		Sp	m				VEN - med gray Qz; 15cm envelope moderate phyllic alteration.
			82.10	82.52	0.42	GRD	ORLT		50				Cb	t													VEN - bleached, moderate phyllic alteration, bottom 3cm intense.
			82.82	83.15	0.33	BXA	BK		50	40	f				BX	50			t	t							BXA - upper 13cm and lower 20cm bands; upper clasts 1mm - 3cm, most 1 - 3 mm 15% in a black clay matrix, clasts GRD, no Qz clasts, trace pyrite; lower band, tightly packed 1mm - 5cm angular - subrounded, poorly sorted mainly GRD, 10% quartz (vein?), matrix 15% soft clay.
			83.15	83.40	0.25	GRD	ORMD		50										t								Bleached moderate phyllic alteration.
			83.40	83.51	0.11	BXA	BK	BX	30	30					BX	40			t	t							BXA - clasts 1mm - 1cm average 5mm, middling well packed upper 3cm and lower 2cm black clay with 40% avg 5mm clasts.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			83.51	83.80	0.29	GRD	ORMD																				Bleached, weak - moderate phyllic.
			84.70	85.34	0.64	GRD	GYWH			50	t				VT	55											Bleached argillic altered Kf and Bi stable; envelope around a 3mm chalcedonic Qz VT.
			87.13	87.50	0.37	GRD	GYWH		25		t		Cb	t	VT												Bleached weak phyllic alteration around a 4mm Qz - Cb VT.
			88.05	88.72	0.67	GRD	GYWH		25		tw		Cb	tw													Bleached Kf - fresh, Bi altered weak phyllic alt; 2 - <5mm Qz = Cb VT.
			88.72	88.74	0.02	VEN	BK		50						VT	70			50	tw		Sp	50	Cp	t		Two 5mm Sp VT about 8mm apart.
			88.74	89.00	0.26				50	25			Cb	t													Bleached, Kf stable, Bi altered and present to bottom; Cb VT weak; moderate phyllic to argillic alteration near bottom.
			89.00	90.06	1.06	GRD	GNWH			30	t																Patchy bleaching - mixed dark green propylitic alteration and argillic alteration - Kf and Bi stable, weak (<1-2mm) ragged Qz VT, pyrite veinlets and Cb veinlets.
			90.55	93.16	2.61	GRD				50	t									t		He	w				Argillic altered, patches propylitic altered, argillic Kf and biotite (stable to moderately altered; argillic result of weak fracturing occuring quartz veinlet, carbonate veinletsand ragged pyrite in fractures.
			93.16	93.92	0.76	GRD	ORLT		70		tw		Cb	f					t	t		St	t				Bleached, moderate phyllic altered, weak <5mm Qz VT and VT to irregular blebs Cb.
93.92	100.97	7.05				POR	BNLT	PO			ms		Cb	ms	C	55						He	?				POR - 30cm upper contact chilled, 15-20% Fd and rare Qz fine - medium grained phenocrysts in a microcrystalline matrix; 1% very fine black specks - He?; 94.01 - 1cm Cb Qz (chalcedony) VT.
			97.60	100.58	2.98	POR	TN	BN																			POR - bands and patches up to 30cm wide verall decrease in Fx phenocrysts and fine Hb.
			100.58	100.97	0.39	BXA	TNLT	BX					Cb	t	C	45											Bleached, brecciated, clast supported, clasts to 2cm, bottom contact <5mm clasts in clay.
100.97	107.93	6.96				GRD	GNMD																				
			100.97	101.49	0.52	GRD	ORLT		50				Cb	tw					t	t		Sp	t				Bleached, Kf and Bi altered, moderate phyllic altered; very weak VT - Py-Cb and Py-Sp (<2mm).
			101.49	104.00	2.51	GRD	GYGN		50				Cb	t					t	t							Bleached bands - to gray colour - related to strong microfracturing, Bi and Kf altered, PL to dark to pale green, occ pale yellow - moderate phyllic alteration, VT, very weak, Cb, Ca and Py.
			104.00	104.04	0.04	BXA	BK	BX		30					BX	45											BXA - clasts 0.5 to 10mm in a black clay matrix.
			104.04	104.25	0.21	GRD	GYMD		75										tw	tw							Bleached, strong phyllic alteration, DI Py increasing to bottom; Py VT - 2mm.
			104.25	104.38	0.13	VEN	GYMD		75		f				C	50	H/W		m	w		Sp	w	St	w		
															C	30	F/W										Vein zone - strong phyllic alteration with pyrite increasing to bottom, at top weak Sp and St near bottom contact 5mm Qz VT with Py, Sp and St.
			104.38	104.55	0.17	BXA	GYMD		75						BX	30											Strong phyllic altered; Bx - clast supported.
			104.55	105.24	0.69	GRD	GRMD		75										t	t							Strong phyllic alteration, minor <1mm Py VT.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			105.24	105.83	0.59	FLT	GNMD	BX	75	ms					BX	35(?)												Narrow (<4cm) bands of breccia, fine fragments in gouge; GRD - strong phyllic alteration.
			105.83	106.38	0.55	GRD	GNMD		75										t	t								Strong phyllic alteration.
			106.38	106.57	0.19	VEN			75		m				C	35	H/W		tw	tw		Sp	t	St	t			
															C	-50	F/W											VEN - H/W 5mm Py - Qz VT; on F/W 5cm band with dark gray quartz(50%) laminations - trace Sp and St.
			106.57	106.70	0.13	GRD	GNLT		75																			Strong phyllic alteration.
			106.70	107.93	1.23	BXA	GNDK		75		m				BX	30			tw	t		Cp	t	St	t			BXA - to 107.20 clast up to 5cm (lenticular) in a dark gray matrix, below 107.20 clast size decreases and number fewer.
107.93	113.95	6.02				POR	BNYW	PO							C	55												POR - feldspar porphyry - 15% fine - med Fd, weak Qz and minor very fine Hb phenocrysts in a microcrystalline matrix; below 109.50 decrease in Fd, and increase in Q phenocrysts.
			110.88	111.04	0.16	FLT	BNYW	BX		25					BX	60												FLT - Bx, clast supported, weak fault.
			112.90	113.95	1.05	BXA	BNYW	BX		50					SH	30												BRA - crackle Bx to SH with three 4cm - 15cm bands of Bx - fine clasts in clay matrix.
113.95	131.63	17.68				GRD	GNGY															Mg	w					Propylitic altered - CL and Ca VT.
			113.95	114.24	0.29	BXA	ORMD	BX	50		t				C	50				t								Mixture of GRD and POR - phyllic altered.
			114.24	116.45	2.21	GRD	ORLT		50		t		Cb	tw						t		He	t					Moderate phyllic altered, a few patches Kf + Bi stable; below 115.82 patches of propylitic alteration.
			117.60	118.87	1.27	GRD	GYLT			25	t		Cb	tw						t		St	t					Weak argillic altered; Cb VT <1mm with minor St.
			122.37	122.41	0.04	GRD	GYLT		25																			Weak phyllic alteration no Kf, Bi - fresh to totally altered.
			122.41	122.55	0.14	BRA	GYLT		25											t								Clasts - GRD - 1mm - 1cm tight packed in a soft black clay matrix.
			122.55	122.76	0.21	GRD	GYLT	SH	50		m		Cb	t														Moderate phyllic alteration; Qz VT - 1cm chalcedony rock strong sheared.
			122.76	122.85	0.09	POR	TN	BX							DY	60												Sheared at top half, brecciated bottom half.
			122.85	123.55	0.70	GRD	GYLT		25				Cb	t														Weak phyllic alteration, Kf stable.
			123.55	123.58	0.03	BXA	BK	BX		25					BX	50				tw								Breccia 1mm - 1cm, clasts packed to loose in a black clay matrix.
			123.58	124.97	1.39	GRD	GYMD		25				Cb	t						t		He	t					Weak phyllic alteration Kf - stable, below 124.10 to bottom patches propylitic altered VTs 2 - 3 and 5 mm Bx in a black matrix with weak Py 1cm Cb VT.
			124.97	127.04	2.07	POR	GYBN	PO		25												Mg	t					Feldspar porphyry - fine - med grained Fd phenocrysts in a microcrystalline - aphanitic matrix; Mg presence patchy, bleached and weak brecciated at both contacts.
			127.04	127.22	0.18	GRD	GYLT		25																			Weak phyllic alteration.
			127.22	127.38	0.16	BXA	GYDK		25											t								BXA - at top 0 to 6cm patch POR with very weak GRD clasts <1cm; bottom section clasts 1-10 mm tight packed in a sand to clay size matrix, irregular contacts.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			127.38	128.37	0.99	GRD	GYMD				t																Weak occasional moderate phyllic with narrow band propylitic alteration.
			128.37	128.60	0.23	BXA	BK	BX	25		s				C	50				tw							BXA - clasts GRD 1-20 mm, loose to tightly packed in a fine sand - clay size material, black matrix clasts subrounded.
			128.60	129.70	1.10	GRD	ORLT																				Bleached - Bi altered, Kf fresh to partly altered; weak - moderate phyllic alteration.
			129.70	130.98	1.28	GRD	GNGY		25				Cb	t													Propylitic altered cut by narrow band of phyllic alteration.
			130.98	131.22	0.24	BXA	BK		25										tw	tw							BXA - clasts 1mm - 1.5cm GRD in a fine sand to black clay matrix; irregular outline related to 60 and 20 degree fractures.
			131.22	131.59	0.37	GRD	GNGY																				Weak phyllic grading to propylitic alteration at bottom.
			131.59	131.66	0.07	BXA	BK		25	s					C	55			tw	tw							BXA - 1mm - 2cm clasts GRD and POR in a sand- clay size matrix.
			131.66	132.21	0.55	GRD	GNGY	BX	25										t	t							Bleached weak phyllic to proylitic alteration on bottom contact 3cm Bx - black matrix.
			131.21	131.36	0.15	APL	PKLT																				
			131.36	131.63	0.27	BXA	TNLT	BX											ms	tw		St	m	Cp	t		
																						Sp	f				Bx - lenticular clasts mostly POR and lesser GRD in a sandy - clay size black matrix; 4cm by 3cm bleb MxSx - St, Sp and Cp.
131.63	140.50	8.87				POR	BNLT																				Feldspar porphyry - up to 10-15% fine - medium grained feldspar phenocrysts.
			133.55	134.11	0.56	GRD	GYLT	FX	75										tw	tw							Bleached, strong phyllic altered, 2% DI Py.
			134.11	134.39	0.28	VEN	BK		75										s	f		St	f	Sp	f		
																						Cp	tw				VEN - top to bottom - 9cm band weak Bx GRD strong DI Py and 8mm seam of Sx - St, Sp and Cp; 4cm gougy POR - veinfault; 15cm Bx - GRD upper 9cm black coloured - matrix? Clay and Sx? Lower contact veinfault 35 degrees.
			135.02	135.26	0.24	GRD	GYCK	BX	75										w	w							Bx, strong phyllic, weakly Bx.
			137.43	137.60	0.17	BXA	CYDK	BX	75						C	50			tw	tw							Bx, GRD, 2mm - 2cm clasts in a medium sand to clay dark coloured matrix; strong phyllic alteration.
			138.59	139.24	0.65	VEN	MT	MA							VN	65			40	ms		Sp	L	St	ms		VEN - top 20cm Bx - clasts 2-3cm in a black sand - clay size matrix; bottom 10cm 2 bands 1-2cm wide of MA Py; below 11cm Ma Sx - St=Sp, minor Py; below 21cm Bx - clasts 2-4cm tight packed and upto 50% clasts 2mm - 1cm in a black sandy - clay sized matrix with weak Sx clast GRD >> POR; bottom 13cm MA Sx - Sp > Py > St.
			139.24	139.57	0.33	GRD	ORLT		25						C	65			tw	tw		St	t				GRD - bleached, weak phyllic alteration.
140.50	143.95	3.45				GRD	ORLT	FX	25	75	t		Cb	t					t	t							GRD - bleached, highly fractured to crackle Bx to Bx, no Kf seen and Bi absent - moderate propylitic but looks like strong argillic; Bx 146.50 to 140.60, 141.66 - 141.95, 142.83 - 143.10; 143.31 - 143.50 - patch and 2cm DY (?) chilled POR.
			140.86	140.90	0.04	VEN	BK				90				VT	60			ms	t		St	ms				VEN - dark gray Qz, strong DI needle shaped St.
			141.67	141.85	0.18	VEN	GYDK				30									o							VEN - dark gray Qz VT to 2cm, in Bx.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
143.95	145.27	1.32				GRD	ORLT		40	25										t		He	t				Upper contact dcr in Fx and alteration - Kf and Bi absent, weak - moderate phyllic alteration.
145.27	146.13	0.86				POR	GYMD	BR	75		25								w	w							POR? - crackle breccia and strong fractured, rare <1mm Fd phenocrysts, strong to intense phyllic alteration and fair - moderate silicification weak fine disseminated pyrite.
146.13	146.77	0.64				GRD	GYLT	BR	50		25								tw	tw		St	t				GRD - Bx - 2 bands 30cm band at top contact and 146.55 - 146.78; bleached - moderate phyllic alteration in places, looks like pervasive silicification.
146.77	147.13	0.36				GRD	GYLT	BX	50		25								tw	tw							Bx weak at top increasing to bottom contact, increase phyllic and pervasive silicification, matrix Bx - black soft matrix, clasts 1mm - 5cm, matrix - clay to sand size material.
147.13	147.32	0.19				VEN	MT	MA			30								70	20	20	Sp	15	St	15		Mx Sx - quartz - pervasive silica.
147.32	147.49	0.17				BXA	BK	BX			ms								f	f							Clasts 1mm - 7cm mostly POR, minor GRD, matrix black - clay and fine sand size material towards bottom matrix becomes silica flooded.
147.49	147.67	0.18				VEN	MT	BX			20								70	10	30	Sp	10	St	15		MA Sx.
147.67	147.99	0.32				BXA	BK	BX	50		20		Cb	s					tw	tw							Clasts 1mm - 15mm GRD greater than POR; matrix - clay and fine sand size, weak pervasive silica flooding matrix towards bottom.
147.99	148.30	0.31				VEN	MT	BX			50		Cb	ms					30	15	15	St	f				Bottom 14cm - strong dark gray silicification; vein 147.13 - 148.33; core highly broken 147.00 - 148.30.
148.30	148.96	0.66				BXA	GYDK	BX	50		50		Cb	m					tw	tw							GRD to 148.50 - strong phyllic alteration with fair - moderate silica flooding; below 148.50
148.96	149.17	0.21				GRD	GYLT	BX	50	30	tw				FLT	70			t	t							Bx - clast supported clay matrix, bottom 3cm sheared with wisps and partings of weak pyrite black clay, at bottom contact vein fault.
149.17	149.26	0.09				VEN	ORGY	BX	50		20		Cb	30					tw	tw							At top, up to 3cm Bx - weak clasts, mostly dark gray pyrite matrix, below GRD Bx with Cb
149.26	151.80	2.54				GRD	ORMD	BX	50	20	t		Cb	t					tw	tw							Bleached, Kf and Bi altered looks partly argillic; 149.73 - 9cm band - edge of POR DY; 2 by 25cm bands of crackle breccia; below 154.57 weak Bx increasing to bottom contact.
151.80	152.12	0.32				BXA	GYDK	BX	50		10		Cb	f					tw	tw							Clasts 1mm - 5cm GRD and lesser POR, dark gray clay - fine sand size matrix which which to bottom decreasing clay.
152.12	153.67	1.55				GRD			25		f		Cb	t					tw	tw		St	t				Bleached, Kf and Bi altered weak - fair phyllic; Qz VT - 1mm - 3cm, avg 2-3 mm, often within sericite-pyrite envelope.
153.67	167.64	13.97				GRD	GNGY						Cb	t					t	t		Mg	t				Propylitic altered - chlorite; Kf - interstitial?; Mg trace.
			154.40	156.57	2.17	GRD	ORMD		25	10	t								t	t		Sp	t				Bleached at contacts - propylitic to argillic to weak phyllic alteration; Qz VT - 8mm - 3% Sp 156.09 - 12cm POR - cored edge of DY.
			157.20	158.50	1.30	GRD	ORMD		25		w		Cd	t	VT	70						Sp	t				Bleached, weak to fair phyllic alteration; Qz VT - 3.5cm white and dark gray Qz - Py and minor Sp; below VT - weak fractures with minor dark gray quartz.
			158.50	159.86	1.36	GRD	ORMD		15	50	m		Cb	t	VT	45			w	w		St	t	Sp	?		Bleached Kf stable - slightly altered, argillic altered; Qz VT - 8cm dark gray quartz minor Cb.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS									DETAILED DESCRIPTION
													Other										Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity	Photo	
			163.20	164.12	0.92	GRD	GNGY		35		tw		Cb	t	VT	55			t	t		Sp	t	St	t		Bleached, weak to fair phyllic; two 1cm Qz VT - Py and St; Sp in VT Py.
167.64	E.O.H.																										

SAMPLE LOG

HOLE: KL-10-07

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Cu (ppm)	Mo (ppm)	Comments
0.00	3.05	3.05			N/S								Casing; No recovery
3.05	6.09	3.04			E147416	10							
6.09	9.00	2.91			E147417	10							
9.00	10.00	1.00			E147418	10							
					E147419	10							Blank
0.00	12.19	12.19			E147420	10							
12.19	15.24	3.05			E147421	10							
15.24	18.29	3.05			E147422	10							
18.29	20.34	2.05			E147423	10							
20.34	21.34	1.00			E147424	10							
21.34	24.38	3.04			E147425	10							
24.38	27.43	3.05			E147426	10							
					E147427	10							Quarter splite duplicate of ***426
27.43	29.00	1.57			E147428	11							
29.00	31.00	2.00			E147429	11							
31.00	32.00	1.00			E147430	11							
32.00	33.50	1.50			E147431	11							
33.50	34.50	1.00			E147432	11							
					E147433	11							Blank
0.00	35.50	35.50			E147434	11							
35.50	37.50	2.00			E147435	11							
37.50	38.50	1.00			E147436	11							
38.50	40.50	2.00			E147437	11							
40.50	42.67	2.17			E147438	11							
					E147439	11							Standard: PL-2
42.67	45.72	3.05			E147440	11							
45.72	48.77	3.05			E147441	11							
48.77	50.20	1.43			E147442	11							
50.20	52.70	2.50			E147443	11							
52.70	54.86	2.16			E147444	11							
54.86	57.80	2.94			E147445	11							
57.80	58.80	1.00			E147446	11							
					E147447	11							Blank
58.80	60.00	1.20			E147448	11							
60.00	61.00	1.00			E147449	11							
61.00	62.00	1.00			E147450	11							
62.00	63.00	1.00			E147451	11							
					E147452	11							Standard: CDN-SE-1
63.00	64.50	1.50			E147453	11							
64.50	65.50	1.00			E147454	11							
65.50	67.00	1.50			E147455	11							
67.00	69	2.00			E147456	11							
69.00	70.00	1.00			E147457	11							
70.00	73.00	3.00			E147458	11							
73.00	74.50	1.50			E147459	11							
74.50	75.50	1.00			E147460	11							
75.50	76.50	1.00			E147461	11							
76.50	79.24	2.74			E147462	11							
					E147463	11							Quarter split duplicate of ***463
79.24	80.70	1.46			E147464	12							
80.70	81.70	1.00			E147465	12							
81.70	82.70	1.00			E147466	12							
82.70	83.70	1.00			E147467	12							
83.70	86.00	2.30			E147468	12							
86.00	88.00	2.00			E147469	12							
					E147470	12							Blank
88.00	92.00	4.00			E147471	12							
92.00	93.00	1.00			E147472	12							

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Cu (ppm)	Mo (ppm)	Comments
93.00	94.10	1.10			E147473	12							
94.10	97.00	2.90			E147474	12							
97.00	99.00	2.00			E147475	12							
					E147476	12							Standard: CDN-SE-1
99.00	101.00	2.00			E147477	12							
101.00	103.80	2.80			E147478	12							
103.80	104.80	1.00			E147479	12							
104.80	106.30	1.50			E147480	12							
106.30	108.00	1.70			E147481	12							
					E147482	12							Blank
108.00	111.00	3.00			E147483	12							
111.00	114.00	3.00			E147484	12							
114.00	117.00	3.00			E147485	12							
117.00	120.00	3.00			E147486	12							
					E147487	12							Standard: PL-2
120.00	123.00	3.00			E147488	12							
123.00	125.00	2.00			E147489	12							
					E147490	12							Quarter split duplicate of ***489
125.00	128.00	3.00			E147491	12							
128.00	129.00	1.00			E147492	12							
129.00	131.00	2.00			E147493	12							
131.00	132.00	1.00			E147494	12							
132.00	133.00	1.00			E147495	12							
133.00	134.00	1.00			E147496	12							
134.00	135.00	1.00			E147497	12							
135.00	137.00	2.00			E147498	12							
137.00	138.50	1.50			E147499	12							
138.50	139.50	1.00			E147500	13							
139.50	140.50	1.00			J981200	13							
140.50	141.50	1.00			J981201	13							
141.50	142.50	1.00			J981202	13							
142.50	145.00	2.50			J981203	13							
145.00	146.77	1.77			J981204	13							
146.77	148.30	1.53			J981205	13							
					J981206	13							Blank
148.30	149.30	1.00			J981207	13							
149.30	151.40	2.10			J981208	13							
151.40	152.40	1.00			J981209	13							
152.40	153.40	1.00			J981210	13							
153.40	155.45	2.05			J981211	13							
155.45	157.20	1.75			J981212	13							
157.20	158.50	1.30			J981213	13							
158.50	160.00	1.50			J981214	13							
					J981215	13							Standard: CDN-SE-2
160.00	163.00	3.00			J981216	13							
163.00	164.50	1.50			J981217	13							
164.50	167.64	3.14			J981218	13							EOH at 167.64m

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382765	6890352	1360	

ZONE:

SECTION:

HOLE: KL-10-07

CLAIM:

Contractor: Top Rank

Drill:

Core size:

Casing depth: (m) in / **out**

Drilling dates:

Geology logged by:

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	35	-50.0	compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		

SAMPLES

Numbers:
Total:
Batch:
Date Sent:
Certificate:

COMMENTS

GEOTECHNICAL LOG

HOLE: KL-10-07

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	3.05	3.05	0.00	0	0	0				Casing
3.05	6.09	3.04	2.68	88	0.37	12	VS	FR		
6.09	9.14	3.05	2.63	86	0.56	18	VS	MW		
9.14	12.19	3.05	2.63	86	1.18	39	VS	FR		
12.19	15.24	3.05	3.07	101	2.15	70	VS	FR		
15.24	18.29	3.05	1.65	54	0.82	27	VS	MW		
18.29	21.34	3.05	2.93	96	1.06	35	VS	MW		
21.34	24.38	3.04	2.19	72	0.49	16	VS	MW		
24.38	27.43	3.05	2.92	96	2.04	67	VS	FR		
27.43	30.48	3.05	3.05	100	2.12	70	VS	FR		
30.48	33.53	3.05	2.96	97	1.73	57	MS	MW		
33.53	36.58	3.05	2.95	97	0.74	24	VS	FR		
36.58	39.62	3.04	2.65	87	0.88	29	VS	FR		
39.62	42.67	3.05	3.05	100	1.53	50	VS	FR		
42.67	45.72	3.05	3.05	100	0.73	24	VS	FR		
45.72	48.77	3.05	3.05	100	1.73	57	VS	FR		
48.77	51.82	3.05	3.00	98	1.79	59	VS	FR		
51.82	54.86	3.04	2.90	95	0.90	30	VS	FR		
54.86	57.91	3.05	2.82	92	2.44	80	VS	FR		
57.91	60.96	3.05	2.93	96	1.76	58	VS	FR		
60.96	64.00	3.04	3.08	101	1.92	63	VS	FR		
64.00	67.06	3.06	3.02	99	1.87	61	VS	FR		
67.06	70.10	3.04	3.05	100	1.66	55	VS	FR		
70.10	73.15	3.05	3.05	100	2.66	87	VS	MW		
73.15	76.20	3.05	3.01	99	1.75	57	VS	MW		
76.20	79.24	3.04	2.98	98	1.47	48	VS	FR		
79.24	82.30	3.06	2.98	97	1.78	58	VS	FR		
82.30	85.35	3.05	2.94	96	2.06	68	VS	FR		
85.35	88.39	3.04	3.01	99	1.87	62	VS	FR		
88.39	91.44	3.05	3.05	100	1.49	49	VS	FR		
91.44	94.49	3.05	2.87	94	2.02	66	VS	FR		
94.49	97.53	3.04	3.01	99	1.12	37	S	FR		
97.53	100.58	3.05	2.87	94	1.23	40	VS	FR		
100.58	103.63	3.05	2.99	98	1.56	51	S	FR		
103.63	106.68	3.05	2.93	96	0.68	22	MS	MW		
106.68	109.73	3.05	2.80	92	0.65	21	S	SW		
109.73	112.77	3.04	2.90	95	0.66	22	S	SW		
112.77	115.82	3.05	2.71	89	1.06	35	S	SW		
115.82	118.87	3.05	2.94	96	1.23	40	MS	SW		
118.87	121.92	3.05	3.00	98	0.98	32	S	FR		
121.92	124.97	3.05	2.77	91	0.83	27	VS	FR		
124.97	128.02	3.05	2.85	93	0.68	22	VS	FR		
128.02	131.06	3.04	3.05	100	1.99	65	VS	FR		
131.06	134.11	3.05	2.89	95	1.12	37	MS	FR		
134.11	137.16	3.05	2.90	95	0.13	4	W	FR		
137.16	140.21	3.05	2.76	90	0.83	27	MS	SW		
140.21	143.26	3.05	2.69	88	0.31	10	VW	SW		
143.26	146.30	3.04	2.77	91		0	VW	SW		
146.30	149.35	3.05	2.53	83		0	VW	SW		
149.35	152.40	3.05	2.90	95	1.07	35	S	FR		
152.40	155.45	3.05	3.05	100	2.46	81	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
155.45	158.50	3.05	3.01	99	2.01	66	VS	FR		
158.50	161.54	3.04	3.04	100	2.06	68	VS	FR		
161.54	164.59	3.05	3.01	99	2.16	71	VS	FR		
164.59	167.64	3.05	3.04	100	2.48	81	VS	FR		
EOH	EOH	EOH								

MAGNETIC SUSCEPTIBILITY LOG

HOLE: KL-10-07

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			-	
2.00			-	
3.00			-	
4.00			11.50	
5.00			14.20	
6.00			10.30	
7.00			0.43	
8.00			14.20	
9.00			0.57	
10.00			2.50	
11.00			5.24	
12.00			11.00	
13.00			12.30	
14.00			10.50	
15.00			6.97	
16.00			0.60	
17.00			-	
18.00			0.35	
19.00			1.41	
20.00			8.76	
21.00			0.15	
22.00			-	
23.00			11.30	
24.00			0.42	
25.00			8.53	
26.00			11.20	
27.00			8.87	
28.00			10.10	
29.00			10.40	
30.00			8.58	
31.00			8.93	
32.00			6.03	
33.00			4.21	
34.00			0.18	
35.00			0.13	
36.00			4.35	
37.00			0.70	
38.00			-0.03	
39.00			8.60	
40.00			11.00	
41.00			10.00	
42.00			9.69	
43.00			9.81	
44.00			9.49	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			9.24	
46.00			9.30	
47.00			9.91	
48.00			9.42	
49.00			11.50	
50.00			2.97	
51.00			0.18	
52.00			0.16	
53.00			3.71	
54.00			8.98	
55.00			3.69	
56.00			8.75	
57.00			10.40	
58.00			0.10	
59.00			0.28	
60.00			0.16	
61.00			0.21	
62.00			9.66	
63.00			6.48	
64.00			13.30	
65.00			12.70	
66.00			13.10	
67.00			11.40	
68.00			9.02	
69.00			11.20	
70.00			0.36	
71.00			6.92	
72.00			0.25	
73.00			12.40	
74.00			11.40	
75.00			0.26	
76.00			0.50	
77.00			26.10	
78.00			23.70	
79.00			22.60	
80.00			8.50	
81.00			9.84	
82.00			5.47	
83.00			0.23	
84.00			16.90	
85.00			0.36	
86.00			10.90	
87.00			18.10	
88.00			0.36	
89.00			1.56	
90.00			2.65	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			0.18	
92.00			0.33	
93.00			0.33	
94.00			0.15	
95.00			0.10	
96.00			0.16	
97.00			0.15	
98.00			0.18	
99.00			0.26	
100.00			0.18	
101.00			0.28	
102.00			0.31	
103.00			0.20	
104.00			0.11	
105.00			0.10	
106.00			0.13	
107.00			0.23	
108.00			0.11	
109.00			0.13	
110.00			0.08	
111.00			0.10	
112.00			0.10	
113.00			0.06	
114.00			0.13	
115.00			0.15	
116.00			2.26	
117.00			0.28	
118.00			1.09	
119.00			1.36	
120.00			1.49	
121.00			6.92	
122.00			0.26	
123.00			0.16	
124.00			0.18	
125.00			0.15	
126.00			0.31	
127.00			0.16	
128.00			0.20	
129.00			0.25	
130.00			0.21	
131.00			0.18	
132.00			0.25	
133.00			0.11	
134.00			0.08	
135.00			0.10	
136.00				

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			0.10	
138.00				
139.00			0.16	
140.00			0.13	
141.00			0.16	
142.00				
143.00			0.11	
144.00			0.20	
145.00			0.11	
146.00				
147.00				
148.00				
149.00				
150.00			0.11	
151.00			0.13	
152.00			0.08	
153.00			0.16	
154.00			2.65	
155.00			0.18	
156.00			0.23	
157.00			1.22	
158.00			0.18	
159.00			0.20	
160.00			9.91	
161.00			1.56	
162.00			8.06	
163.00			0.48	
164.00			0.21	
165.00			14.60	
166.00			10.30	
167.00			13.70	
EOH	EOH		EOH	

BOX LOG

HOLE: KL-10-07

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	3.05	6.62	36	144.42	148.30
2	6.62	10.58	37	148.30	152.10
3	10.58	15.12	38	152.10	156.09
4	15.12	20.47	39	156.09	160.27
5	20.47	24.05	40	160.27	164.46
6	24.05	27.88	41	164.46	167.64
7	27.88	31.89	EOH	EOH	EOH
8	31.89	35.83			
9	35.83	39.96			
10	39.96	43.86			
11	43.86	47.55			
12	47.55	51.64			
13	51.64	55.71			
14	55.71	60.11			
15	60.11	64.00			
16	64.00	68.24			
17	68.24	72.48			
18	72.48	76.51			
19	76.51	80.83			
20	80.83	85.24			
21	85.24	89.17			
22	89.17	93.16			
23	93.16	97.37			
24	97.37	101.49			
25	101.49	105.56			
26	105.56	109.73			
27	109.73	113.21			
28	113.21	117.53			
29	117.53	121.35			
30	121.35	125.24			
31	125.24	129.22			
32	129.22	133.21			
33	133.21	137.08			
34	137.08	140.72			
35	140.72	144.42			

PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			383093	6889590	1426	129.84

SECTION:

HOLE: KL-10-08

CLAIM: YC39053

Contractor: Top Rank

Drill:

Core size: NTW (EOH / 129.84m)

Casing depth: 4.57 (m) in / **out**

Drilling dates: August 12-14 2010

Geology logged by: M. Phillips

TARGET: TR-10-03

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	30	-50.0	compass				
		50.0	acid				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57	OB	Overburden
4.57	12.50	7.93	GRD	Locally phyllic altered granodiorite
12.50	14.40	1.90	VN	Bx hosting light to medium gray quartz - drag vein
				on fault
14.40	27.43	27.43	GRD	Strong phyllic altered granodiorite with a strong
				supergene limonite/clay overprint. Comb quartz
27.43	28.20	28.20	VEN	Strong phyllic - weak pervasive silica increasing to
				bottom. Medium - dark gray quartz. Bx
28.20	76.50	76.50	GRD	Moderate phyllic, propylitic - some argillic alteration.
				Some areas bleached. Granodiorite
76.50	79.77	79.77	VEN	Intense phyllic altered quartz vein - 75% pyrite
79.77	129.84	53.34	GRD	Strong phyllic - localized propylitic altered granodiori
				E.O.H. 129.84m

SAMPLES

Numbers: J981219 - J981287

Total: 69

Batch: 14, 15 (33 samples only)

Date Sent:

Certificate: WH10161140, WH10168627

COMMENTS

GEOLOGY LOG

HOLE: KL-10-08

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
0.00	4.57	4.57																									Casing no recovery
4.60	12.50	7.90				GRD	GNGY																				Fresh, minor supergene alteration, hypogene - propylitic alteration.
			5.10	5.50	0.40	GRD	ORDK					75															Crumbly, supergene altered weak phyllic hypogene rock.
			5.50	5.83	0.33	GRD	ORMD		50		tw	75			VT	60						St					Phyllic altered, supergene overprint; Qz VT < 5mm trace St
			6.34	8.67	2.33	GRD	ORMD		50	25	t	25							t	t		St	t(?)				Bleached moderate phyllic alteration with weak supergene alteration; Qz VT - up to 5mm with trace pyrite and St?
			8.67	8.98	0.31	VEN	ORLT		25	f	50	tw			VT	20			t	t		St	?				At top and bottom contacts 8cm band silica flooding and midding strong phyllic with 5mm Qz VT with very weak Py; Cy supergene.
			8.98	9.40	0.42	GRD	ORMD		75	tw	ms	tw			VT	70			t	t		St	?				Strong phyllic; Qz VT 3-10mm, gray coloured, weak Sx, trace block mineral - St?; probable part of VEN - above; weak supergene alteration on fractures.
			9.40	12.50	3.10	GRD	ORMD		50	tw	f	tw			VT	55			t	t		He	?				Moderate phyllic alteration, supergene envelope on fractures; Qz VT 1 - 8cm white - light gray weak Sx; To? Black non asicular, DI weak and occ patches to 5cm moderate to strong.
12.50	14.40	1.90				FLT	ORLT	BX		75		100							o	o							Weak - moderately BX with 4 bands 5 -15 cm wide of gougy and intensely brecciated GRD; strong supergene alteration.
			13.13	13.25	0.12	VEN	GYLT	BX		50	50								t	t							Bx light to medium gray quartz - drag vein on fault.
14.40	16.00	1.60				GRD	ORDK			75		100							t	t							Fine breccia - near bottom manganese film heavy on fractures.
			16.00	19.00	3.00	GRD	ORMD		75	25	m	25			VT	60			t	t							Strong phyllic with fair overprint of supergene clay alteration; Qz VT - 5% 1cm most common one VT to 6cm, light gray quartz, rarely with trace Py, fair fracture limonite decrease to bottom; To(?) trace; bottom contact base of supergene; Qz VT - comb quartz.
			19.00	21.30	2.30	GRD	ORLT		75	25	L	f			VT	55				t		St	t(?)				Strong phyllic, supergene clay and limonite on fr; Qz VT 20% - 3mm - 12cm, most 3-5cm most light gray - white < 5% gray quartz, minor smoky gray quartz - St? 20.45 - 21.23 = 40% Qz VT and VN 5-9 cm in four vein - possible vein zone along strike?
			21.30	24.15	2.85	GRD	ORMD		75	f	o	f							t	t							Strong phyllic, weak supergene clay and limonite on fractures; To (?) - trace disseminated and patches 15cm 10-15% To.
			24.15	27.43	3.28	GRD	ORGY		50	25	t	m	Cb	t					t	t							Moderate phyllic (Bi - not totally to Se) and argillic (?); supergene clay on Fx; below 27.13 weak pervasive SH.
27.43	28.20	0.77				FLT	ORLT	BX	50	25	o	m							o	o							Bx - 50% highly brecciated and narrow band gouge on bottom contact.
			27.74	28.20	0.46	GRD	BNMD	BX	75	o	25				C	25			o	o							Strong phyllic, possibly weak pervasive silica to 27.94; 27.94 - 28.20 - Bx strong phyllic clasts in a clay - granula size matrix.
			28.20	29.70	1.50	GRD	ORGY	BX	35	ms	o	tw							t	t							Weak - moderate phyllic; fair - moderate < 2cm bands of Bx.
			29.70	30.78	1.08	GRD	GNLT		75	tw	o	tw							t	t							Strong phyllic, increasing to bottom; To disseminated generally in patches 2.5%.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			30.78	31.09	0.31	VEN	GNGY		50	o	50	o							t	t							Upper contact 15 degree gouge Bx; VEN - medium gray quartz VT <1cm wide in a fair - moderate silicified strong phyllic GRD, Quartz - medium dark gray.
31.09	33.83	2.74				GRD	GYMD		ms	o	t	o							t	t		Mg	w				Propylitic altered CL; bottom and top of section transitional.
33.83	34.10	0.27				FLT	BNLT	BX		50	o	o							o	o							FLT - 15 degree (?) 3cm Bx - sand size material with an envelope of crumbly propylitic GRD - clay altered.
			34.10	35.40	1.30	GRD	ORLT		50	50	o	o							o	o							Moderate to strong phyllic at top and bottom with median band argillic - weak phyllic altered.
			35.40	35.55	0.15	VEN	GYMD		o	o	70	o	Cb	ms					ms	ms		St	tw				Medium - dark quartz; Cb - LA VT.
			35.55	36.55	1.00	GRD	ORMD		75	o	t	o							w	w							Strong phyllic alteration Py above normal DI and Fx.
			36.55	40.55	4.00	GRD	ORLT		50		t	o			VT	50			o	o							Moderate phyllic; 5-10% dark green blebs to 1cm - sericite along fractures (?).
			40.55	42.20	1.65	GRD	ORLT		75	o	o	o							t	t							Moderate to strong and decrease near lower contact.
			42.20	42.98	0.78	GRD	GNDK		o	o	o	o							o	o		Mg	tw				Propylitic altered - CL
			42.98	43.94	0.96	GRD	GNGY		o	25	o	o							o	o		He	t				Weak argillic - Fd altered, Bi - Hb only partly altered.
			43.94	47.04	3.10	GRD	GNGY		o	o	o	o	Cb	t					t	t		Mg	tw				Propylitic altered - CL
			47.04	48.10	1.06	GRD	WHGY		25	50	tw	o							t	t		He	tw				Argillic altered KF and Bi stable.
			48.10	49.47	1.37	GRD	WHGY		50	25	t	o							t	t		He	tw				Moderate phyllic increasing to strong at bottom ; a few small patches with fair disseminated To.
			49.47	51.35	1.88	GRD	WHGY		ms	50	t								t	t		He	t				Argillic altered KF and PL to Kao and Ca; phyllic envelope on Qz Py VT.
			51.35	52.53	1.18	GRD	GNGY		o	o	t	o							t	t		Mg	t				Propylitic altered CL; Qz Py VT = 5mm.
			52.53	53.81	1.28	GRD	GNGY		o	25	ms	o							t	t							Weakly bleached, weak argillic altered; Qz VT - 0.5cm and on bottom broken 12cm VN - quartz light gray with minor pyrite.
			53.81	54.83	1.02	GRD	ORLT		50	o	tw	o	Cb	t	VT	50			tw	tw							Bleached, moderate phyllic alteration; Qz VT 3-10 mm with weak pyrite.
			54.83	55.50	0.67	GRD	GYDK		75		m		Cb	m	VT	60			m	m							8cm 60 degree VN - 30% white and dark gray quartz, 20% Cb, 20% Scr and 10-20% Py; VT has an envelope of strong grading to intense at VT contacts; To (?) trace; VN 55.25 - 55.33.
			55.50	56.80	1.30	GRD	ORLT		50	o	w	o	Cb	t	VN	65			tw	tw							VN - 56.32 - 56.44 - Qz VT 0.5 - 1.5cm 25% medium gray quartz; in intense dark gray phyllic alteration. 3% Py; VN envelope bleached moderate phyllic altered GRD with weak blebs dark green sericite.
			56.80	59.46	2.66	GRD	GNGY		25		tw		Cb	t					t	t		Mg	t				Propylitic altered - CL with 2 bands 30cm weakly bleached - weak phyllic with Qz VT and Cb VT.
59.46	64.93	5.47				GRD	ORLT		50	25	t	o			VT	55			t	t		He	?				Below upper contact 30cm argillic altered grading into moderate phyllic; occ patch argillic weak argillic; Qz VT 0.5-1 cm; minor quartz often with dark gray phyllic envelope.
			60.90	61.40	0.50	GRD	GYDR		75	o	w	o	o		VT	75			w	w							1cm light gray quartz veinlet with a dark gray strong - intense phyllic envelope.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			64.52	64.93	0.41	GRD	GYMD		75	o	m				VT	40											3cm light gray quartz vein with envelope of dark gray strong phyllic alteration.
64.93	70.05	5.12				GRD	GNLT		75		w	o	Cb	w	VT	50			t	t							Change in alteration intensity; increasing Qz VT 1cm, Fx and Cb VT; Qz VT with dark green very strong to intense phyllic alteration envelopes to 30cm wide between Qz VT envelopes; GRD pale green hue - increase to strong phyllic; most 1cm quartz vein - light gray and lock Py.
			65.78	66.10	0.32	GRD	GNDK		90		ms	o	Cb	t	VT	50			tw	tw							3cm medium gray quartz with 3-5 mm seam of black pyrite quartz in an envelope of strong to intense phyllic alteration.
			69.12	69.75	0.63	GRD	GYMD		75	o	tw	o	Cb	t	VT	75			w	w							1cm - light gray quartz vein with 2-3mm rim of strong pyrite in a halo of strong phyllic - pyrite alteration.
70.05	71.00	0.95				GRD	GYDK		90		m		o		VT	90			w	w							Core broken 0.47m recovery 3cm breccia in gouge matrix in hanging wall of 3cm pyrite (10%) quartz veinlet with a halo of very strong phyllic alteration.
71.00	74.58	3.58				GRD	ORGY		75	o	o	o	Cb	t					t	t							Bleached weak grading to strong phyllic towards bottom; weak spots dark green sericite.
			71.30	71.40	0.10	GRD	GYMD		75	o	tw		Cb	tw					w	w							2mm quartz and Cb and Py VT with moderate to strong phyllic envelope.
			72.02	72.18	0.16	GRD	GYMD		75	o	m	o	Cb	tw					w	w							Blebs quartz (no definite vein) in strong phyllic matrix.
			73.46	74.12	0.66	GRD	GYMD	FX	75	o	tw				VT	30			t	t							Moderately fractured grading into weak Bx at lower 10cm; 2cm light gray Qz VT 30 degrees.
			74.12	74.58	0.46	FLT	BN	BX	75	25	o	50							t	t							Clasts 1mm - 1cm in a weak gougy clay matrix.
74.58	76.50	1.92				GRD	TNGY		90	o	o	o							tw	tw							Intense phyllic alteration.
			76.19	76.26	0.07	FLT	GYLT	BX	90	s	o	o															1mm - 5mm clasts in gougy clay - strong fault.
76.50	79.77	3.27				GRD	GYMD		90	o	ms?	o	Cb	tw					tw	tw							Very strong to intense phyllic altered; vague irregular narrow bands of silicification.
			76.80	77.01	0.21	VEN	GYDK		90	o	35	o	o		VN	85			25	25		Sp	t				VEN at top 5cm Qz and Py (75%) and at bottom 5cm dark gray quartz - weak pyrite, midding intense phyllic alteration and fair bleb gray quartz; trace To.
			77.75	77.79	0.04	VEN	WHGY		o	o	90	o	Cb	f					t	t		Sp	?				Qz - white to light gray; Cb - matrix quartz clasts.
			78.83	78.84	0.01	VEN	GYMD		o	o	90	o	Cb	ms	VT	10			t	t							VN - med gray, sheared.
79.77	83.50	3.73				GRD	ORMD		50	o	t		Cb	t					t	t							Bleached, moderate phyllic weakening down hole; at 81.30 30cm patch fine blebs To 5-10%
			80.97	81.08	0.11	VEN	ORGY		50	o	50	o							t	t							<3mm Qz VTs dark gray and silica flooding in intense phyllic alteration.
83.50	85.00	1.50				GRD	GNMD		50	o	o	o			FX	25			t	t							Moderate phyllic.
			84.00	84.40	0.40	FLT	ORLT		50	o	o	o			FLT	20			t	t							Fine (<2mm) clasts in a clay matrix (3cm true width) to 84.29 and below intense crackle Bx.
85.00	98.55	13.55				GRD	ORMD		50	25	o	o	o						t	t							Weak - moderate phyllic, KF to Kao, rare Bi present, clay = argillic alt - rock has earthy smell moderate Fx.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			87.43	87.67	0.24	FLT	ORMD	BX		55					FLT	?											Clasts - 1mm - 3cm avg 1-2 mm in clay matrix; attitude?
			88.45	88.70	0.25	FLT		BX		50			Ca	ms	FLT	60											FLT - to 88.57 - crush Bx - clasts 1mm to 2cm avg 2-3mm in a clay matrix; to bottom wea breccia matrix - open cavities and calcite filled (20%).
			88.70	88.86	0.16	GRD	ORDK	SH	75	o	o	o	Ca	f					o	o							Bleached, moderate to strong phyllic, sheared.
			88.86	89.76	0.90	FLT	WH	BX	50	o	o	o	Ca	90					o	o							5cm extreme Bx GRD at top and bottom contacts with 80cm band of calcite with 10% clasts of GRD up to 2cm in diameter.
			88.76	91.25	2.49	GRD	ORDK	BX	50	o	t	o	Ca	f					t	t							Bx - 89.76 - 90.00, 90.15 - 90.53 both highly crushed rock, throughout highly Fx - narrow Bx; moderate phyllic, increasing to strong to bottom contact.
			91.25	91.74	0.49	VEN	GYDK		75	o	50	25		o					tw	tw	tw						Top contact weak fault, to 91.44 = 30% VT dark gray to smoky quartz veinlets 91.44 - 91.48 highly brecciated GRD; 91.48 - 91.74 highly broken 80% (?) smoky quartz, strong phyllic; core highly broken - measurements approximate.
			91.74	92.46	0.72	FLT	ORMD	BX	75	50	t	25							t	t							At upper contact 20cm band Bx - largely sand - clay sized material, rare clast smoky quartz; below bands of strong breccia, strong phyllic GRD.
			92.46	92.95	0.49	GRD	ORLT	SH	50	o	o	25							t	t							Moderate - strong phyllic alteration; weakly sheared.
			92.95	93.73	0.78	FLT	ORLT		50	50	o	o							t	t							At upper contact 15cm band milled rock breccia - mainly clay, below bands of clast supported breccia; moderate phyllic.
			93.74	95.09	1.35	GRD	ORGY		50	10	w								tw	tw							Bleached moderate, partly strong phyllic; Py - decrease to lower contact; Qz - white occasional associated pyritic envelope; 94.0 - 94.50 moderate Bx - clasts to 4cm in a strong crush sand clay material matrix.
			95.09	98.55	3.46	GRD	GNGY		25	10	tw	o	Cb	t					tw	tw		Mg	tw				Typical propylitic in places Fd to dark green clay; bands of weak to strong phyllic alteration 10-30cm wide, 1/50cm as envelopes around Fx, Py filled Fx and pyritic Qz VT up to 1cm phyllic altered - total 1.5m.
			98.55	101.00	2.45	GRD	GNGY		o	o	o	o	Ca	t					t	t		Mg	tw				Propylitic altered.
			101.00	102.00	1.00	GRD	GNMD		50	o	t	o	Ca	t					t	t		He	t				Bleach fair - moderate phyllic; <1cm Qz Py VT.
			102.00	105.70	3.70	GRD	GNGY		o	o	o	o							t	t		Mg	tw				Propylitic altered CL and Ca.
			105.70	106.45	0.75	GRD	GNMD		m	o	m	o			VT	85			w	w							3cm, 2x 0.5cm Qz and Py VTs with inner strong and outter moderate phyllic alteration envelopes.
106.45	119.50	13.05				GRD	GNGY		o	o	t	o							t	t		Mg	tw				Typical propylitic altered; 106.88 - 1cm Qz Py VT 50% Py.
			113.53	114.30	0.77	GRD	GNGY		o	25	o	o							t	t		Mg	t				Fd - swelling clay - montmorillonite - weak argillic alteration.
			114.58	115.25	0.67	GRD	ORLT		25	o	f	o							w	w		He	t				3cm Qz Py VT with envelope of fair - moderate phyllic.
			115.25	117.30	2.05	GRD	GNGY		o	o	o	o							t	t		Mg	tw				Propylitic alteration CL and Ca.
			117.30	119.50	2.20	GRD	GNGY		10	25	o	o	Ca	f					t	t		He	tw				Phyllic alteration 10% 5-10cm bands, weak phyllic; remainder weak argillic - montmorillonite Fd; increasing to bottom contact; bottom contact transitional.
119.50	123.70	4.20				GRD	GYLT		10	50	o	o	Ca	t					t	t		He	tw				Moderate to strong argillic alteration, Kf stable and Bi mostly altered, towards bottom weak phyllic with argillic; below 123.00 Fx increases to bottom contact.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			121.45	121.95	0.50	GYMD	GYLT	BX	50	o	o	o	Cb	t	VT	25			tw	tw							Patches (50%) moderate to strong phyllic; 1-2mm very fine dark coloured Bx - trace Py; weakly sheared - Bx.
121.95	127.20	5.25				POR	TN	FX	o	25	t	o							t	t							Feldspar porphyry - fine feldspar phenocrysts (10%) in a tan coloured aphanitic matrix strongly Fx grading to narrow bands of clast supported Bx; bottom contact 80%; upper contact 5cm Bx.
127.20	129.84	2.64				GRD	GYLT		25	75	o	o							t	t		He	tw				Strong argillic with weak phyllic component.
129.84	E.O.H.																										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

SAMPLE LOG

HOLE: KL-10-08

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Cu (ppm)	Mo (ppm)	Comments
0.00	4.57	4.57			N/S								Casing; No recovery
4.57	6.40	1.83			J981219	14	<0.005	<0.2					
6.40	9.45	3.05			J981220	14	0.012	0.4					
9.45	12.50	3.05			J981221	14	0.008	0.6					
12.50	15.54	3.04			J981222	14	2.51	6.7					
15.54	17.00	1.46			J981223	14	0.036	1.9					
17.00	19.00	2.00			J981224	14	0.009	1.1					
19.00	20.00	1.00			J981225	14	0.006	0.4					
20.00	21.30	1.30			J981226	14	0.01	0.5					
					J981227	14	0.051	0.9					Standard: CDN-SE-1
21.30	24.00	2.70			J981228	14	0.008	0.4					
24.00	27.00	3.00			J981229	14	0.014	0.8					
27.00	30.00	3.00			J981230	14	0.007	0.6					
30.00	33.00	3.00			J981231	14	0.014	0.3					
					J981232	14	14.25	15.6					Blank
33.00	35.00	2.00			J981233	14	0.008	0.7					
35.00	36.00	1.00			J981234	14	0.086	0.4					
36.00	39.00	3.00			J981235	14	<0.005	<0.2					
					J981236	14	<0.005	0.2					Standard: PL-2
39.00	42.00	3.00			J981237	14	0.01	0.4					
42.00	45.00	3.00			J981238	14	<0.005	0.4					
45.00	48.00	3.00			J981239	14	0.037	0.6					
48.00	51.00	3.00			J981240	14	0.553	6.1					
51.00	53.00	2.00			J981241	14	0.009	0.4					
53.00	54.50	1.50			J981242	14	0.006	0.5					
					J981243	14	0.007	0.2					Blank
54.50	55.50	1.00			J981244	14	0.066	2.5					
55.50	56.50	1.00			J981245	14	0.012	0.2					
56.50	58.50	2.00			J981246	14	0.006	0.2					
58.50	60.50	2.00			J981247	14	0.08	0.6					
60.50	61.50	1.00			J981248	14	0.014	0.2					
61.50	64.50	3.00			J981249	14	0.018	0.9					
					J981250	14	0.119	2.6					Quarter split duplicate of ***250
64.50	65.50	1.00			J981251	14	0.014	0.7					
65.50	66.50	1.00			J981252	14	0.01	1.1					
66.50	69.00	2.50			J981253	14	0.083	2.8					
69.00	70.00	1.00			J981254	14	0.517	10.2					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Zn (ppm)	Cu (ppm)	Mo (ppm)	Comments
70.00	71.40	1.40			J981255	15	0.402	3.1					
71.40	72.40	1.00			J981256	15	0.033	2.1					
72.40	74.00	1.60			J981257	15	0.007	1.2					
74.00	76.50	2.50			J981258	15	0.006	0.6					
76.50	77.5	1.00			J981259	15	0.006	<0.2					
					J981260	15	<0.005	0.6					Blank
77.50	78.50	1.00			J981261	15	0.009	0.5					
78.50	79.50	1.00			J981262	15	0.474	8.2					
79.50	82.00	2.50			J981263	15	0.025	1.3					
82.00	85.00	3.00			J981264	15	0.064	2.3					
85.00	88.00	3.00			J981265	15	0.049	1.2					
					J981266	15	0.008	0.2					Standard: PL-2
88.00	90.00	2.00			J981267	15	<0.005	<0.2					
90.00	91.00	1.00			J981268	15	0.09	4.1					
91.00	92.00	1.00			J981269	15	0.01	2.1					
92.00	93.73	1.73			J981270	15	<0.005	0.3					
					J981271	15	<0.005	<0.2					Blank
93.73	96.32	2.59			J981272	15	0.045	1.1					
96.32	99.36	3.04			J981273	15	<0.005	0.2					
99.36	102.41	3.05			J981274	15	<0.005	0.3					
102.41	105.50	3.09			J981275	15	0.064	0.6					
105.50	106.50	1.00			J981276	15	<0.005	<0.2					
					J981277	15	0.03	1.1					Standard: CDN-SE-1
106.50	108.51	2.01			J981278	15							
108.51	111.56	3.05			J981279	15							
111.56	114.60	3.04			J981280	15							
114.60	115.60	1.00			J981281	15							
115.60	117.65	2.05			J981282	15							
					J981283	15							Quarter split duplicate of ***283
117.65	120.70	3.05			J981284	15							
120.70	123.75	3.05			J981285	15							
123.75	126.80	3.05			J981286	15							
126.80	129.84	3.04			J981287	15							EOH at 129.84m

GEOTECHNICAL LOG

HOLE: KL-10-08

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	4.57	4.57	0.00	0	0	0				Casing at 15'
4.57	6.40	1.83	1.40	77	0.00	0	S	SW		
6.40	9.45	3.05	1.51	50	0.62	20	S	SW		
9.45	12.50	3.05	2.38	78	1.30	43	S	SW		
12.50	15.54	3.04	2.90	95	0.81	27	VW	HW		
15.54	18.59	3.05	2.74	90	1.54	50	MS	SW		
18.59	21.64	3.05	3.00	98	2.68	88	S	FR		
21.64	24.68	3.04	2.66	88	1.51	50	MS	SW		
24.68	27.74	3.06	2.79	91	1.00	33	MS	,W		
27.74	30.78	3.04	2.87	94	1.94	64	S	FR		
30.78	33.83	3.05	2.60	85	1.17	38	VS	FR		
33.83	36.80	2.97	2.65	89	1.00	34	CS	SW		
36.80	39.93	3.13	3.05	97	2.90	93	MS	FR		
39.93	42.98	3.05	2.10	69	0.71	23	S	FR		
42.98	46.02	3.04	2.73	90	2.30	76	S	FR		
46.02	49.07	3.05	2.75	90	1.92	63	MS	FR		
49.07	52.12	3.05	3.51	115	2.50	82	MS	FR		
52.12	55.17	3.05	2.81	92	1.88	62	MS	FR		
55.17	58.22	3.05	2.93	96	2.84	93	MS	FR		
58.22	61.26	3.04	3.03	100	2.79	92	MS	FR		
61.26	64.31	3.05	3.05	100	2.39	78	MS	FR		
64.31	67.36	3.05	3.00	98	2.60	85	MS	FR		
67.36	70.41	3.05	2.97	97	2.68	88	S	FR		
70.41	73.46	3.05	2.95	97	2.22	73	S	FR		
73.46	76.50	3.04	1.75	58	0.30	10	MS	SW		
76.50	78.03	1.53	1.57	103	1.53	100	MS	FR		
78.03	79.55	1.52	1.59	105	1.39	91	MS	FR		
79.55	81.08	1.53	1.40	92	1.20	78	MS	FR		
81.08	82.60	1.52	1.53	101	1.53	101	S	FR		
82.60	84.12	1.52	1.50	99	1.40	92	MS	FR		
84.12	85.65	1.53	1.50	98	0.86	56	MS	SW		
85.65	87.17	1.52	1.40	92	0.72	47	S	SW		
87.17	88.70	1.53	1.45	95	0.99	65	MS	SW		
88.70	90.22	1.52	1.54	101	0.94	62	MS	SW		
90.22	91.74	1.52	1.52	100	0.39	26	W	MW		
91.74	93.27	1.53	1.52	99	0.00	0	W	SW		
93.27	94.79	1.52	1.52	100	0.63	41	MS	SW		
94.79	96.32	1.53	1.48	97	1.35	88	VS	FR		
96.32	97.84	1.52	1.40	92	0.80	53	S	FR		
97.84	99.36	1.52	1.52	100	1.45	95	S	FR		
99.36	100.89	1.53	1.50	98	1.48	97	VS	FR		
100.89	102.41	1.52	1.52	100	1.42	93	S	FR		
102.41	103.94	1.53	1.47	96	1.35	88	S	FR		
103.94	105.46	1.52	1.52	100	1.50	99	S	FR		
105.46	106.98	1.52	1.50	99	1.44	95	S	FR		
106.98	108.51	1.53	1.35	88	1.00	65	S	FR		
108.51	110.03	1.52	1.52	100	1.10	72	VS	FR		
110.03	111.56	1.53	1.38	90	1.34	88	VS	FR		
111.56	113.08	1.52	1.52	100	1.40	92	S	FR		
113.08	114.60	1.52	1.52	100	0.76	50	S	FR		reduced RQD - swelling clays (mm)
114.60	116.13	1.53	1.35	88	1.10	72	VS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
116.13	117.65	1.52	1.63	107	1.37	90	VS	FR		
117.65	119.12	1.47	1.29	88	0.76	52	VS	FR		
119.12	120.70	1.58	1.52	96	1.38	87	VS	FR		
120.70	122.22	1.52	1.25	82	1.01	66	S	FR		
122.22	123.75	1.53	1.52	99	0.85	56	S	SW		clay alteration
123.75	125.27	1.52	1.52	100	0.21	14	MS	SW		clay alteration
125.27	126.80	1.53	1.40	92	0.40	26	MS	FR		
126.80	128.32	1.52	1.31	86	0.45	30	MS	FR		
128.32	129.84	1.52	1.46	96	1.30	86	MS	FR		
	EOH									

KLAZA PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		383093	6889590	1426	

ZONE:

SECTION:

HOLE: KL-10-08

CLAIM:

Contractor: Top Rank

Drill:

Core size:

Casing depth: (m) in / **out**

Drilling dates:

Geology logged by:

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	30	-50.0	compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		

SAMPLES

Numbers:
Total:
Batch:
Date Sent:
Certificate:

COMMENTS

GEOTECHNICAL LOG

HOLE: KL-10-08

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	4.60	4.60	0.00	0	0	0				Casing at 15'
4.60	6.40	1.80	1.70	94	0.00	0	S	SW		
6.40	9.40	3.00	1.77	59	0.25	8	S	SW		
9.40	12.50	3.10	2.86	92	0.47	15	S	SW		
12.50	15.50	3.00	3.15	105	0.76	25	VW	HW		
15.50	18.60	3.10	2.90	94	0.77	25	MS	SW		
18.60	21.60	3.00	3.00	100	1.72	57	S	FR		
21.60	24.70	3.10	3.01	97	0.99	32	MS	SW		
24.70	27.70	3.00	3.10	103	0.19	6	MS	,W		
27.70	30.80	3.10	2.98	96	0.80	26	S	FR		
30.80	33.80	3.00	3.10	103	0.31	10	VS	FR		
33.80	36.90	3.10	3.20	103	0.20	6	CS	SW		
36.90	39.90	3.00	2.92	97	1.57	52	MS	FR		
39.90	43.00	3.10	2.45	79	0.25	8	S	FR		
43.00	46.00	3.00	2.94	98	1.30	43	S	FR		
46.00	49.10	3.10	3.04	98	1.15	37	MS	FR		
49.10	52.10	3.00	2.75	92	0.78	26	MS	FR		
52.10	55.20	3.10	3.15	102	0.88	28	MS	FR		
55.20	58.20	3.00	3.08	103	1.88	63	MS	FR		
58.20	61.30	3.10	3.06	99	1.52	49	MS	FR		
61.30	64.30	3.00	3.01	100	0.86	29	MS	FR		
64.30	67.40	3.10	3.06	99	1.27	41	MS	FR		
67.40	70.40	3.00	2.54	85	1.44	48	S	FR		
70.40	73.50	3.10	3.08	99	1.60	52	S	FR		
73.50	76.50	3.00	2.20	73	0.12	4	MS	SW		
76.50	78.00	1.50	1.50	100	1.32	88	MS	FR		
78.00	79.60	1.60	1.61	101	0.62	39	MS	FR		
79.60	81.10	1.50	1.44	96	1.09	73	MS	FR		
81.10	82.60	1.50	1.50	100	1.32	88	S	FR		
82.60	84.10	1.50	1.50	100	0.80	53	MS	FR		
84.10	85.60	1.50	1.50	100	0.18	12	MS	SW		
85.60	87.10	1.50	1.52	101	0.00	0	S	SW		
87.10	88.70	1.60	1.60	100	0.39	24	MS	SW		
88.70	90.20	1.50	1.50	100	0.64	43	MS	SW		
90.20	91.70	1.50	1.50	100	0.11	7	W	MW		
91.70	93.30	1.60	1.60	100	0.00	0	W	SW		
93.30	94.80	1.50	1.51	101	0.39	26	MS	SW		
94.80	96.30	1.50	1.47	98	0.60	40	VS	FR		
96.30	97.80	1.50	1.52	101	0.68	45	S	FR		
97.80	99.40	1.60	1.60	100	0.94	59	S	FR		
99.40	100.90	1.50	1.50	100	0.81	54	VS	FR		
100.90	102.40	1.50	1.53	102	0.38	25	S	FR		
102.40	103.90	1.50	1.50	100	0.59	39	S	FR		
103.90	105.50	1.60	1.52	95	0.80	50	S	FR		
105.50	107.00	1.50	1.55	103	0.64	43	S	FR		
107.00	108.50	1.50	1.41	94	0.73	49	S	FR		
108.50	110.00	1.50	1.52	101	0.33	22	VS	FR		
110.00	111.60	1.60	1.47	92	0.73	46	VS	FR		
111.60	113.10	1.50	1.52	101	0.17	11	S	FR		
113.10	114.60	1.50	1.52	101	0.00	0	S	FR		
114.60	116.10	1.50	1.52	101	0.60	40	VS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
116.10	117.70	1.60	1.50	94	0.59	37	VS	FR		
117.70	119.20	1.50	1.50	100	0.68	45	VS	FR		
119.20	120.70	1.50	1.52	101	0.64	43	VS	FR		
120.70	122.20	1.50	1.48	99	0.38	25	S	FR		
122.20	123.70	1.50	1.50	100	0.20	13	S	SW		clay alteration
123.70	125.30	1.60	1.60	100	0.00	0	MS	SW		clay alteration
125.30	126.80	1.50	1.50	100	0.22	15	MS	FR		
126.80	128.30	1.50	1.50	100	0.16	11	MS	FR		
128.30	129.80	1.50	1.50	100	1.00	67	MS	FR		
	EOH									

MAGNETIC SUSCEPTIBILITY LOG

HOLE: KL-10-08

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			-	
2.00			-	
3.00			-	
4.00			-	
5.00			1.12	
6.00			0.73	
7.00			0.08	
8.00			0.11	
9.00			0.06	
10.00			0..08	
11.00			0.01	
12.00			0.06	
13.00			0.10	
14.00			0.06	
15.00			0.11	
16.00			0.15	
17.00			0.10	
18.00			0.16	
19.00			0.15	
20.00			0.15	
21.00			0.06	
22.00			0.50	
23.00			0.10	
24.00			0.06	
25.00			0.28	
26.00			0.38	
27.00			0.10	
28.00			0.16	
29.00			0.13	
30.00			0.20	
31.00			0.13	
32.00			4.97	
33.00			4.95	
34.00			1.04	
35.00			0.16	
36.00			0.23	
37.00			0.30	
38.00			0.26	
39.00			0.18	
40.00			0.20	
41.00			0.25	
42.00			4.70	
43.00			0.33	
44.00			4.98	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			5.37	
46.00			0.38	
47.00			0.82	
48.00			0.30	
49.00			0.15	
50.00			0.30	
51.00			3.41	
52.00			0.33	
53.00			0.43	
54.00			0.28	
55.00			0.25	
56.00			0.40	
57.00			1.32	
58.00			0.58	
59.00			3.59	
60.00			0.20	
61.00			0.11	
62.00			0.23	
63.00			0.23	
64.00			0.26	
65.00			0.18	
66.00			0.23	
67.00			0.28	
68.00			0.20	
69.00			0.18	
70.00			0.20	
71.00			0.16	
72.00			0.23	
73.00			0.13	
74.00			0.16	
75.00			0.08	
76.00			0.05	
77.00			0.05	
78.00			0.10	
79.00			0.15	
80.00			0.35	
81.00			0.13	
82.00			0.13	
83.00			0.18	
84.00			0.16	
85.00			0.13	
86.00			0.13	
87.00			0.21	
88.00			0.25	
89.00			0.10	
90.00			0.15	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			0.01	
92.00			0.10	
93.00			0.13	
94.00			0.15	
95.00			0.26	
96.00			3.30	
97.00			0.13	
98.00			0.25	
99.00			0.67	
100.00			7.40	
101.00			0.40	
102.00			0.80	
103.00			12.20	
104.00			10.00	
105.00			5.89	
106.00			0.18	
107.00			0.18	
108.00			0.35	
109.00			8.90	
110.00			9.62	
111.00			10.20	
112.00			8.14	
113.00			8.90	
114.00			5.76	
115.00			3.12	
116.00			9.18	
117.00			8.61	
118.00			2.85	
119.00			3.07	
120.00			0.77	
121.00			0.20	
122.00			0.21	
123.00			1.24	
124.00			0.03	
125.00			0.06	
126.00			0.16	
127.00			0.06	
128.00			0.28	
129.00			0.25	
EOH				

BOX LOG

HOLE: KL-10-08

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	9.90			
2	9.90	12.60			
3	12.60	17.40			
4	17.40	21.70			
5	21.70	25.60			
6	25.60	29.40			
7	29.40	33.55			
8	33.55	36.80			
9	36.80	40.80			
10	40.80	45.38			
11	45.38	49.20			
12	49.20	53.33			
13	53.33	57.30			
14	57.30	61.35			
15	61.35	65.27			
16	65.27	69.50			
17	69.50	75.75			
18	75.75	78.43			
19	78.43	82.55			
20	82.55	85.86			
21	85.86	89.05			
22	89.05	92.05			
23	92.05	95.08			
24	95.08	99.21			
25	99.21	103.08			
26	103.08	107.00			
27	107.00	110.89			
28	110.89	114.60			
29	114.60	118.50			
30	118.50	122.50			
31	122.50	126.20			
32	126.20	129.80			
EOH	EOH	EOH			

PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		383088	6889233	1445	

ZONE:

SECTION:

HOLE: KL-10-09

CLAIM:

Contractor: Top Rank

Drill:

Core size: NTW (EOH / 152.70m)

Casing depth: 4.57 (m) in / **out**

Drilling dates: August 14-15 2010

Geology logged by: M. Phillips

TARGET: TR-10-01

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	30	-45.0	compass				
		-44.0	acid				

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.57	4.57	OVB	Overburden - 0.15m recovery
4.57	25.77	21.20	GRD	Locally propylitic altered granodiorite
25.77	26.35	0.58	VEN	Gougy Bx - strong pyrite, below intense phyllic
		0.00		altered with bleby quartz
26.35	40.79	14.44	GRD	Strong phyllic - locally upto 50% pyrite. Pyrite vt,
		0.00		quartz vt. Weak argillic. Granodiorite
40.79	42.52	1.73	VEN	Bx - dark gray smoky qz vn. 50% pyrite.
42.52	46.00	3.48	GRD	Propylitic altered granodiorite. Se - Py veinlet
46.00	47.50	1.50	VEN	Strong phyllic, Cb - Py (40-50%) in a strong gray
		0.00		silica matrix
47.50	98.50	51.00	GRD	Phyllic - argillic, local propylitic altered granodiorite
98.50	102.00	3.50	VEN	Strong phyllic, bleb Qz silication, Py - As veinlets
102.00	122.00	20.00	GRD	Moderate phyllic - argillic altered granodiorite
122.00	126.00	4.00	VEN	Gougy and/or breccia, strong Sx - silicification
126.00	152.70	26.70	GRD	Propylitic altered granodiorite
				E.O.H. 152.70m

SAMPLES

Numbers: J981288 - J981299; E146651 - E146726

Total: 176

Batch: 15, 16, 17, 18

Date Sent:

Certificate: WH10168627, WH10166111, WH10168628, WH10170385

COMMENTS

GEOLOGY LOG

HOLE: KL-10-09

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
0.00	4.57	4.57				OVB																					Estimate 4.57m (15ft) casing - 0.15m recovery
4.57	12.90	8.33				GRB	GNGY		o	ms	o	ms							o	o		Mg	t				Propylitic alteration with overprint of supergene clay along fractures; below 6.40 super clay alteration increases.
			6.80	9.45	2.65	GRD	BNLT		25	75	o	90							o	o		Li	t				Highly broken, intense supergene clay alteration on argillic and phyllic alteration.
			9.45	12.00	2.55	GRD	BNLT		25	75	o	90							o	o		Li	t				10% argillic altered, most mod - strong phyllic alteration with a heavy overprint of supergene clay.
			12.00	12.90	0.90	GRD	GYMD	FX	o	ms	o	ms			FX	10			t	t		Mg	tw				Strong Fx sub parallel core axis; Propylitic alteration, overprint weak supergene on Fx.
12.90	15.50	2.60				GRD	ORLT	FX	25	75	o	90							o	o		He	tw				Strong supergene clay; looks like weak phyllic with bands of strong phyllic; strong Fx - occ narrow Bx.
			14.10	14.90	0.80			BX														Li	ms				Weak - fair insitu box limonite with possible sulphates (?); looks Bx, strong supergene alteration.
15.50	17.90	2.40				GRD	ORLT		25	75	t	75							t	t		He	tw				Start better recovery - weak phyllic alteration with strong supergene clay overprint; occ narrow band strongly Fx.
17.90	18.59	0.69				GRD	GNGY		o	f	o	f							t	t		Mg	tw				Propylitic altered, weak supergene clay on fractures; Py VT < 1mm wide.
18.59	21.64	3.05				GRD	ORMD		50	50	t	50							t	t		He	t				Bleached, moderate argillic with narrow bands and patch strong phyllic alteration (20%) increasing to bottom; Py - VT < 1mm, minor DL.
21.64	25.77	4.13				GRD	ORMD		50	m	t	m	Cb	t					t	t		He	tw				Weak - moderate argillic alteration with strong phyllic band (2 to 20cm) wide decreasing to bottom; small patch propylitic altered.
			22.29	22.60	0.31	GRD	ORLT		75	m	s	m							t	t		o	o				Gray - sericite and quartz (50%) in highly bleached intense phyllic altered; looks like very weak vein zone.
			25.40	25.77	0.37	GRD	ORLT	FX	75	25	o	m							o	o		o	o				Highly Fx - Bx (?) strong phyllic altered.
25.77	26.35	0.58				VEN	GYMD	BX	75	o	ms	m							m	m							At top 8cm gougy Bx - strong pyrite, below intense phyllic altered with bleb quartz; at bottom contact 3cm gougy Bx - milled look; looks like poorly developed vein.
26.35	30.95	4.60				GRD	ORDK		50	w	tw	t							tw	tw		He	tw				Bleached, weak and moderate phyllic alteration envelopes around <1mm Qz - Py VT; below 28.55m bands 4cm - 20cm very strong phyllic around up to 1cm Qz - Py VT, bands 30% very minor small patches propylitic alteration.
			30.95	32.70	1.75	GRD	GNGY		o	o	o	o							t	t		Mg	tw				Propylitic altered.
			32.70	33.55	0.85	GRD	ORDK		50	25	o	o							t	t		He	tw				Increasing bleaching to bottom contact, top down alteration goes from weak to strong argillic and weak to strong phyllic.
			33.55	33.72	0.17	VEN	GNGY		75	o	L	o			VN	55			s	s							Below upper contact, 13cm band of intense phyllic with 30% wisps and lenses of dark quartz. At footwall contact 4cm Qz + Py (50%); 5cm band intense phyllic below footwall of vein.
			33.72	35.25	1.53	GRD	ORLT		50	25	t	tw			VT	70			t	t							Moderate phyllic; 1/10cm < 1mm sericite - pyrite veinlets occ to 5mm quartz - pyrite veinlets 25% weak argillic alteration.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			35.25	36.97	1.72	GRD	GYMD		100	o	w	t			VT	70			t	t		To	t				Strong to intense phyllic - est 30% pervasive silica; To - very fine to 5mm blebs and in fractures 3 - 10mm Qz VT - barren Sx; 3cm Qz VT with 50% Py.
			36.97	37.52	0.55	GRD	ORLT		50	50	tw	t							t	t							Down from top passes from strong to moderate phyllic, threw strong to weak argillic alteration; 3 - 10mm sericite and pyrite and weak quartz veinlets.
			37.52	39.52	2.00	GRD	GNCY		25	o	tw	t							t	t		Mg	tw				Propylitic altered, weak Qz - Py - Se VT < 2mm; near bottom weak band (25cm) of weak phyllic.
			39.52	40.34	0.82	GRD	ORLT		50	o	w	t							tw	tw		He	t				Moderate phyllic - light coloured with bands of dark strong phyllic alteration - bands (veins) 5mm to 3cm Py - Se and Qz 10% of section.
40.34	40.79	0.45				GRD	GYDK		75	o	w	t							tw	tw							Strong to intense patches phyllic alteration, fair blebby silica (result of alteration).
			40.52	40.64	0.12	VEN	GNGY		75	o	w	t			VN	55			w								1cm Qz VT 50% Py at top contact; to bottom contact - strong to intense phyllic altered with alteration silica blebs flooding GRD "matrix".
40.79	42.16	1.37				GRD	ORLT		60	o	o	t							t								Moderate phyllic alteration; weak DL and Fx Py.
			40.03	41.30	1.27	VEN	GYDK		90	o	w	t			VT	65			tw	tw							Strong - intense phyllic alteration envelope around a 1.5cm VT Qz and Py (50%).
42.16	42.52	0.36				VEN	GYDR	BX	90	50	10	50			VT	45			tw	tw	t						At 42.28 - 4cm medium and dark gray smoky quartz, weak Cb, < 1% Sx; above vein strong to intense phyllic alteration; footwall vein to bottom brecciated - gougy at top highly oxidized to clay.
42.52	43.51	0.99				GRD	ORLT		50	10	0	10							t	t		He	t				Moderate phyllic alteration; Kf interstitial altered to Se.
			42.98	43.30	0.32	GRD	ORLT		90	o	f	o			VT	75			tw	tw							Py - Se veinlets (0.5 - 2mm) 1/2 - 3cm; at bottom 1cm Qz Se Cb veinlet with 4cm envelope of pyritic phyllic alteration.
43.51	46.00	2.49				GRD	GNGY		o	o	o	t							t	t		Mg	tw				Propylitic altered.
			44.50	46.00	1.50	GRD	GYMD		25	25	o	tw							t	t		o					Weakly bleached, result of weak Fx and Py Se veinlets. Argillic to weak phyllic alteration 30% bands of propylitic altered rock.
46.00	47.50	1.50				GRD	ORLT		50	o	o	o							t	t							Moderate phyllic alteration.
			46.28	46.64	0.36	VEN	GYDK		90	o	L	o	Cb	t	VT	55			f	f							Top to 46.52 - very strong phyllic alteration, est 20-30% silica 3-4% Fx and DL Py; 46.52 - 46.56 - lite - medium gray quartz with 1cm band of massive Py; 46.56 - 46.61 - very strong phyllic alteration; 10-20% secondary silica 3-5% Py; 46.61 - 46.64 - Bx - clasts lense like up to 2cm - 50% in a dark gray quartz matrix, very weak Py.
			46.73	78.10	31.37	VEN	GYDK		90	o	ms	t							f	f							Strong phyllic with bands and patches of very strong (50%) Phyllic alteration; blebs 10% secondary silica.
			47.33	47.45	0.12	VEN	GYDK		90	o	t	o	Cb	15	VT	65			s	s							Middling 3cm Cb - Py (40-50%) vein in an envelope of very strong phyllic alteration 46.28 47.55 vein zone.
47.50	48.83	1.33				GRD	GNGY		25	o	o	o							t	t		Mg	o				Propylitic alteration with 35% bleached weak bands and patches of weak phyllic alteration where Fx and minor pyrite are present.
48.33	49.29	0.96				GRD	ORLT		50	25	t	o	Cb	t													Moderate phyllic and weak argillic alteration; veinlets - weak 1mm - 3cm - Se and Py and carbonate; 4mm Qz VT with 4cm envelope strong phyllic alteration.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
49.29	54.05	4.76				GRD	GNGY		o	t	o	t							t	t		Mg	o				Propylitic alteration Cl and Ca; moderate phyllic - 13cm patch where Fx 45 and 60 weakly developed.
54.05	56.90	2.85				GRD	ORLT		50	25	t	t							t	t		He	t				Moderate phyllic - weak argillic alteration, weak fracture pyrite and sericite.
			54.05	54.95	0.90														tw	tw							< 2mm and 2x 5mm Py and Cb veinlets, density 1/10-15cm.
			55.56	55.67	0.11	VEN	GYLT	BX	o	o	90				VEN	10			tw	tw							Light to medium gray Qz with 25% clasts GRD; vein xcuts Py and Py - sericite veinlets; VEN - true width 3cm.
55.90	59.44	3.54				GRD	GYMD		90	o	t	t			Py	20			tw	tw		To	t				Strong phyllic alteration with occasional bands up to 10cm of silicious intense phyllic alteration; wide band result of pyrite fractures low angle to core axis; weak quartz veinlets <1cm pyrite.
			58.00	58.20	0.20	VEN	GYLT		75	o	50	o			VEN	85			t	t		To	ms				At top 8cm Qz 10% To, trace Py, outline vague; on bottom 3cm Qz + To (5-10%).
59.44	59.80	0.36				FLT	ORDK		50	25	o	50			FLT	50			t	t							At upper contact 5cm fine clasts in a gougy matrix; to bottom contact clast supported breccia.
59.80	64.20	4.40				GRD	GYMD		75	10	t	25	Cb	t					tw	tw		To	t				Strong phyllic grading to moderate argillic alteration below 62.2m; below 62.2 increasing oxidation; weak Qz Py veinlets < 2mm and pyritic fractures.
64.20	66.67	2.47				GRD	GNGY		o	tw	o	tw	o	o					o	o		Mg	tw				Propylitic altered.
			64.86	65.30	0.44	GRD	ORMD		o	25	o	10							o	o							Weak argillic alteration - montmorillonitic feldspar along 40 degree fractures.
			65.40	66.67	1.27	GRD	GNLT		25	tw	o	25							t	t							Weak phyllic alteration - PL pale green sericite, mafics altered; weak hairlike pyrite fractures.
66.67	67.80	1.13				GRD	ORLT		5	tw	o	50							t	t							Bleached moderate phyllic altered; weak dark gray 1cm pyrite - sericite veinlets (1/40cm) very weak < 0.5mm pyrite veinlets; weathered fractures.
67.80	71.50	3.70				GRD	GYDR		60	o	tw	t							tw	tw							Confusing alteration; dark weak phyllic fine spot and bleb sericite - dark green; 60cm band strong phyllic near top; elsewhere narrow patches and bands and envelopes of moderate phyllic; two 10 degree dipping Py (strong) - Qz veinlets 3mm and 5mm; weak Qz VT < 3mm; mod phyllic bleached.
			70.41	71.50	1.09						m								m	m							Flat lying 5mm Qz - Py veinlet.
71.50	74.50	3.00				GRD	GNMD		10	25	o	o							tw	tw							Very weak clay alteration of mafics, narrow bands of propylitic; weak envelopes of phyllic alteration around flat veinlets of pyrite.
72.33	72.35	0.02				VEN					50		Cb	50	VT	55			tw	tw							2cm Qz = Cb veinlet.
74.50	76.50	2.00				FLT	ORLT	BX	25	50	o	10							t	t		He	t				Bleached argillic - weak phyllic alteration; FLT = strong fractured, with weak narrow bands of Bx main fault 75.50 - 76.00 - clasts in a strong clay matrix.
76.50	80.50	4.00				GRD	ORLT		ms	50	tw	tw	Ca	tw					t	t		He	t				Bleached, mod argillic (weak phyllic?) 10% strong phyllic < 1mm to 30cm bands.
80.50	82.94	2.44				GRD	GNGV		ms	25	t	t							t	t		Mg	t				Propylitic altered; bands very weak argillic (?) dark green clay on mafics around weakly bleached bands of weak phyllic or weak argillic.
82.94	84.21	1.27				GRD	ORGY		25	50	o	t							t	t		He	t				Weak - moderately bleached; weak - fair argillic - Bi - stable to weakly altered.
84.30	84.50	0.20				VEN	GYMD		75	o	L	o							w	w							Py + Cb Pyveinlets - two at top and bottom of section.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
84.50	85.30	0.80				GRD	ORLT		35	o	o	o							tw	tw							Bleached, weak - moderate phyllic; 2 and 5cm bands of strongly phyllitic.
85.30	90.40	5.10				GRD	GNGY		25	ms	o	w	Ca	t					t	t		Mg	t				Propylitic alteration, mostly very weak argillic - Fd and mafics to green (medium - dark) clay around narrow bands of weak phyllic alteration.
			87.65	87.75	0.10	FLT	ORMD			50					FLT	50											FLT - sheared and weak Bx - weak fault.
90.40	90.57	0.17				FLT	GYLT		o	50	o	o							t			He	t				FLT - 5cm Bx at top and 7cm Bx at bottom fine clasts ini clay matrix; 89.80 - 90.40 - stron Fx; GRD - strong argillic - Kf stable.
90.57	91.74	1.17				GRD	GYKH		25	50	o	o	Cb	t					t	t		He	t				Bleached, moderate phyllic - Kf stable, bottom 30cm - Kf absent - weak phyllic alteration.
91.74	98.50	6.76				GRD	GNMD		tw	25	o	o	Cb	t					t	t		Mg	o				Propylitic with wide bands with weak clay - Kf stable mafics + altered and PL - dark to pale green; Py - phyllic veinlets.
			97.84	98.50	0.66	GRD	GYMD		o	50	o	o	o						o	o							Weak argillic alteration - montmorillonitic.
98.50	102.00	3.50				GRD	GYWH		w	50	o	o	Cb	t					tw	tw		He	t				Bleached, moderate argillic alteration - Kf present, Bi - very weakly altered; weak, locally strong gray Se Py veinlets 2mm - 2cm wide.
			99.32	99.50	0.18	VEN	GYDR		75	o	s								f	f							Strong - intense phyllic; fair bleb Qz silication and near upper contact < 1cm bleb Qz and Py.
			100.97	101.10	0.13	VEN	GYMD	BX	25	o	L	o	Cb	t	VEN	70			s	s	tw						VEN at top 5cm - bands Py - As (?) minor quartz and 5mm very fine breccia; to lower contact 50% bleb silication and Se; phyllic envelope 6cm wide.
102.00	103.94	1.94				GRD	GNLT		15	50	t	o							tw	tw		Mg	t	He	tw		Propylitic alteration cut by Qz veinlet and Sc Py veinlets to 15cm bands with weak to moderate weak argillic alteration.
103.94	104.46	0.52				VEN	GYMD		75	o	L		Cb	m	VEN	70			m	m	?						At top contact 5cm light gray Qz and 5% Py; to 102.21 mod to strong phyllic alteration 102.21 - 102.25 - 1 - 3cm Qz + 30% Py, thin gouge on bottom contact; to 104.45 - strong silicated with blebby quartz starting near bottom contact, 20% Cb veining up to 1cm wide; 104.45 - 46 - 1cm Qz VN 20% Py.
104.46	106.62	2.16				GRD	GYLT		50	50	o	o							t	t							To 104.90 band of strong dark gray phyllic alteration; to bottom contact fair to 1cm veinlets of Sc - Py; bleached weak - moderate argillic; veinlet Se - Py 70 degrees most common and 15 degree.
			104.70	104.79	0.09	FLT									FLT	60											Weak Bx - weak fault.
106.62	109.00	2.38				GRD	GYDK		m	50	o								t	t							At top propylitic altered grading into montmorillonite argillic - swelling clay; a few narrow (<5cm) bands of dark gray strong phyllic 5-10%; crumbly core.
109.00	114.45	5.45							75	50	t	o	Cb	tw					tw	tw		He	t				75% phyllic alteration mainly in wide bands up to 60cm wide and in <1cm veinlets <1cm cutting moderate argillic alteration; to 113m moderate fracturing often fractures gougy Py veinlet 2mm and quartz above average.
			109.83	109.84	0.01	FLT									FLT	30											1cm 30 degree gouge.
			110.30	110.35	0.05	FLT																					5cm FLT Bx, clasts in a sandy clay matrix.
			111.67	111.77	0.10	FLT									FLT	15											Bx - clast supported.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
			112.10	113.55	1.45						tw								w	w							10 veinlets up to 1cm most 2-3mm Py and Qz.
114.95	117.35	2.40				GRD	GYMD		75	25	tw	o	o	o					tw	tw							Moderate and strong phyllic alteration; narrow patches mod - strong argillic.
117.35	118.27	0.92				GRD	GYLT		o	50	o	o							t	t		He	t				Moderate argillic alteration - Kf - trace (most altered?) and book biotite present.
118.27	122.00	3.73				GRD	ORLT		75	75	t	o	Cb	t					tw	tw		He	t				Strong argillic alteration - Kf and Bi altered - probably has a strong Se compnent; cut by phyllic alteration 40% veinlets 5mm to 40cm bands and patches, intensly strong.
			121.46	121.83	0.37	VEN	GYLT		75	o	s	o	Cb	f					tw	tw							At upper contact - 4cm - 8cm band, not a well defined vein, 30% Py in weak blebby quartz and sericite; 121.54 - 121.77 - strong phyllic alteration, upper 5cm fair pyrite veinlets; on bottom vein - paper thin gouge and 5-6 cm band of Bx dark gray quartz in a 50% Cb matrix.
122.00	126.31	4.31				GRD	ORLT		30	50	t	o	Cd	t					t	t		He	t				Bleached moderate argillic - Kf and Bi altered cut by 30% strong phyllic alteration as veinlets to 15cm bands, often wider bands have moderate argillic undergoing weak phyllic alteration; Tan coloured chalcedonic Qz veinlet 1-1cm cut and displaced by phyllic fractures, 20 degree dip 2%.
			122.36	122.37	0.01	VEN			10		90								w	w							Light gray and tan quartz - weak quartz, tan quartz dragged into vein.
			123.13	123.14	0.01	VEN					5		Cb	90					ms	ms							1cm Cb - 90% 10% Py and weak med gray quartz.
			124.92	125.27	0.35	VEN	GYMD	BX	20	o	ms		Cd	85					w	w		Sp	?				124.92 - 125.05 - cut by +20 degree and -20 degree post vein fractures, upper contact 1-5mm black silicious veinlet below up to 3cm irregular bond Cb; to lower contact 50% blebs and narrow band, gray to black quartz. Weak blebs Py (3%) in Cb 125.09 - 125.09 - Phyllic altered, weak < 0.5mm light gray quartz veinlets 125.16 - 125.23 - dark gray phyllic alteration 125.23 - 125.27 up to 5cm - mostly Cb occ light gray quary at or near bottom contact up to 5mm black silicious shear (?), bleb Sp(?) 5% bleb pyrite.
			126.31	130.74	4.43	GRD	ORLT		ms	50	tw	o	Cb	t					tw	tw							Moderate to strong argillic - Kf and Bi altered; 126.31 - 127.09 - strong patches of phyllic alteration and argillic altered flooded by weak Se and Py; below phyllic veinlets to 15cm bands 7-10% total.
			126.46	126.49	0.03	VEN	BNDK				100				VEN	75			t								1-3cm, up to 50% inclusions resulting from quartz flooding.
			128.63	128.68	0.05	VEN	GYDK		ms		80		Ca	ms					tw								5cm Qz 80% Se 10 and Ca 10%, this looks like silication.
			130.15	130.17	0.02	VEN	GYDR				70								30	30							1.5cm light gray quartz within phyllic envelope.
			130.30	130.74	0.44			FX							FX	55											Weak - fair Fx occ <3mm gougy and/or breccia.
130.74	137.00	6.26				GRD	ORLT		ms	60	tw	o			Py	20			t	t		He	t				Moderate to above average argillic with 5-15cm weak phyllic bands mainly above 133.5m below mostly veinlets <5mm total 8%; Qz VT assoc with phyllic alternationargillic alt - Kf absent (altered) and weak Bi; Py (strong) in <5mm Qz veinlets associated phyllic alternation; below 136.70 - montmorillonitic clay strong - weak argillic alternation.
137.00	138.80	1.80				GRD	GNGY		o	o	o	o	o						o	o		Mg	tw				Propylitic alteration.
138.80	139.54	0.74				GRD	GNLT		tw	25	tw	o							t	t		He	?				Weakly bleached mafic altered, PL - pale green clay, Py Sc veinlets <5mm - weak argillic

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture					Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)				Type	Intensity	Type	Intensity		
139.54	146.40	6.86				GRD	GYLT		ms	50	t	o	Cb	t					t	t		He	?				Alternating irregular bands around phyllic veining and bands of strong bleach moderate argillic alteration - Kf absent and Bi and pale green argillic - phyllic - pale green Fd and mafics altered and minor Py; phyllic veinlet and bands 10%.
			145.00	145.55	0.55	GRD	GNGY		o	o	o	o	o						o	o							Propylitic altered.
146.40	152.70	6.30				GRD	GYLT		25	75	tw	o	Cb	t					tw	tw		He	t				Moderate argillic and Bi, Kf absent, phyllic alteration - veinlets to 50cm bands.
			149.98	150.02	0.04	VEIN			o	o	75	o	o		VEN	65			25	25							4cm white quartz, 25% pyrite.
152.70	E.O.H.																										

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

SAMPLE LOG

HOLE: KL-10-09

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
0.00	4.57	4.57			N/S						Casing; No recovery
4.57	6.40	1.83			J981288	15					
6.40	9.45	3.05			J981289	15					
9.45	12.50	3.05			J981290	15					
12.50	15.54	3.04			J981291	16					
15.54	18.59	3.05			J981292	16					
18.59	21.64	3.05			J981293	16					
21.64	24.20	2.56			J981294	16					
24.20	25.40	1.20			J981295	16					
25.40	26.40	1.00			J981296	16					
					J981297	16					Blank
26.40	27.74	1.34			J981298	16					
27.74	30.78	3.04			J981299	16					
30.78	33.00	2.22			E146651	16					
33.00	34.00	1.00			E146652	16					
					E146653	16					Standard: PL-2
34.00	35.20	1.20			E146654	16					
35.20	37.00	1.80			E146655	16					
37.00	39.00	2.00			E146656	16					
39.00	40.30	1.30			E146657	16					
					E146658	16					
40.30	41.30	1.00			E146659	16					
41.30	42.00	0.70			E146660	16					
42.00	43.00	1.00			E146661	16					
43.00	44.00	1.00			E146662	16					
44.00	46.20	2.20			E146663	16					
46.20	47.50	1.30			E146664	16					
					E146665	16					Blank
47.50	48.90	1.40			E146666	16					
48.90	50.50	1.60			E146667	16					
50.50	52.50	2.00			E146668	16					
52.50	54.00	1.50			E146669	16					
					E146670	16					Quarter split duplicate of ***669
54.00	55.90	1.90			E146671	16					
55.90	56.90	1.00			E146672	16					
56.90	58.30	1.40			E146673	16					
58.30	59.40	1.10			E146674	16					
59.40	61.20	1.80			E146675	16					
61.20	62.60	1.40			E146676	16					
62.60	64.20	1.60			E146677	16					
64.20	66.50	2.30			E146678	17					
66.50	67.8	1.30			E146679	17					
67.80	70.20	2.40			E146680	17					
70.20	71.50	1.30			E146681	17					
71.50	74.40	2.90			E146682	17					
74.40	77.50	3.10			E146683	17					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
77.50	80.50	3.00			E146684	17					
					E146685	17					Blank
80.50	82.50	2.00			E146686	17					
82.50	84.10	1.60			E146687	17					
84.10	85.30	1.20			E146688	17					
85.30	88.30	3.00			E146689	17					
					E146690	17					Standard CDN-SE-1
88.30	91.30	3.00			E146691	17					
91.30	94.30	3.00			E146692	17					
94.30	97.30	3.00			E146693	17					
97.30	99.20	1.90			E146694	17					
99.20	100.20	1.00			E146695	17					
100.20	101.20	1.00			E146696	17					
101.20	103.80	2.60			E146697	17					
103.80	104.80	1.00			E146698	17					
					E146699	17					Standard: PL-2
104.80	107.00	2.20			E146700	17					
107.00	110.00	3.00			E146701	17					
110.00	112.10	2.10			E146702	17					
112.10	113.55	1.45			E146703	17					
					E146704	17					Blank
104.80	107.00	2.20			E146700	17					
107.00	110.00	3.00			E146701	17					
110.00	112.10	2.10			E146702	17					
112.10	113.55	1.45			E146703	17					
					E146704	17					Blank
104.80	107.00	2.20			E146700	17					
107.00	110.00	3.00			E146701	17					
110.00	112.10	2.10			E146702	17					
112.10	113.55	1.45			E146703	17					
					E146704	17					Blank
129.30	130.30	1.00			E146715	18					
130.30	133.30	3.00			E146716	18					
133.30	136.30	3.00			E146717	18					
136.30	139.30	3.00			E146718	18					
139.30	142.30	3.00			E146719	18					
142.30	145.30	3.00			E146720	18					
					E146721	18					Blank
145.30	147.30	2.00			E146722	18					
147.30	149.50	2.20			E146723	18					
149.50	150.50	1.00			E146724	18					
150.50	152.70	2.20			E146725	18					
					E146726	18					Standard: CDN-SE-1; EOH at 152.7m

GEOTECHNICAL LOG

HOLE: KL-10-09

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	6.40	6.40	1.70	27	0	2	MS	SW		
6.40	9.40	3.00	1.60	53	0.00	0	W	MW		
9.40	12.50	3.10	3.10	100	0.13	4	S	SW		
12.50	15.50	3.00	3.00	100	0.00	0	W	MW		
15.50	18.60	3.10	3.04	98	0.59	19	S	SW		
18.60	21.60	3.00	3.08	103	1.46	49	MS	SW		
21.60	24.70	3.10	3.05	98	1.68	54	S	FR		
24.70	27.70	3.00	3.05	102	0.53	18	S	SW		
27.70	30.70	3.00	2.90	97	0.87	29	S	FR		
30.70	33.80	3.10	3.10	100	1.61	52	S	FR		
33.80	36.90	3.10	3.02	97	1.42	46	S	FR		
36.90	39.90	3.00	3.20	107	1.76	59	VS	FR		
39.90	43.00	3.10	3.10	100	0.75	24	S	FR		
43.00	46.00	3.00	2.95	98	0.99	33	VS	FR		
46.00	49.10	3.10	3.08	99	2.62	85	S	FR		
49.10	52.10	3.00	2.97	99	2.72	91	S	FR		
52.10	55.20	3.10	3.05	98	1.98	64	S	FR		
55.20	58.20	3.00	3.00	100	1.84	61	VS	FR		
58.20	61.30	3.10	3.10	100	1.47	47	S	FR		
61.30	64.30	3.00	3.00	100	1.22	41	S	FR		
64.30	67.30	3.00	3.05	102	2.04	68	VS	FR		
67.30	70.40	3.10	3.06	99	1.63	53	S	SW		
70.40	73.50	3.10	3.10	100	1.75	56	S	FR		
73.50	76.50	3.00	2.80	93	0.18	6	MS	SW		
76.50	79.60	3.10	2.81	91	1.20	39	S	FR		
79.60	82.60	3.00	3.03	101	2.20	73	S	FR		
82.60	85.60	3.00	3.05	102	2.32	77	VS	FR		
85.60	88.70	3.10	3.09	100	1.09	35	S	FR		
88.70	91.70	3.00	2.90	97	0.67	22	S	SW		
91.70	94.80	3.10	3.04	98	2.54	82	S	FR		
94.80	97.80	3.00	3.00	100	2.04	68	S	FR		
97.80	100.90	3.10	3.05	98	1.96	63	S	FR		
100.90	103.90	3.00	2.75	92	2.22	74	S	FR		
103.90	107.00	3.10	3.02	97	2.19	71	S	FR		
107.00	110.00	3.00	3.10	103	0.00	0	MS	FR		
110.00	113.10	3.10	3.12	101	1.17	38	VS	SW		
113.10	116.10	3.00	3.02	101	2.78	93	VS	FR		
116.10	119.20	3.10	3.03	98	2.39	77	VS	FR		
119.20	122.20	3.00	3.07	102	1.90	63	S	FR		
122.20	125.30	3.10	3.08	99	2.38	77	VS	FR		
125.30	128.30	3.00	2.99	100	2.80	93	VS	FR		
128.30	131.40	3.10	3.11	100	1.70	55	S	FR		
131.40	134.40	3.00	3.07	102	2.24	75	S	FR		
134.40	137.50	3.10	3.10	100	2.50	81	S	FR		
137.50	140.50	3.00	3.00	100	2.48	83	VS	FR		
140.50	143.60	3.10	3.01	97	2.73	88	S	FR		
143.60	146.60	3.00	2.82	94	2.15	72	S	FR		
146.60	149.60	3.00	3.00	100	2.30	77	S	FR		
149.60	152.70	3.10	3.05	98	2.43	78	S	FR		

SAMPLE LOG

HOLE: #REF!

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments

MAGNETIC SUSCEPTIBILITY LOG

HOLE:

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00				
2.00				
3.00				
4.00				
5.00			7.87	
6.00			4.14	
7.00			0.01	
8.00				
9.00			0.26	
10.00			1.74	
11.00			0.10	
12.00			-4.50	
13.00			1.64	
14.00			-6.50	
15.00			0.08	
16.00			0.10	
17.00			0.11	
18.00			2.60	
19.00			0.16	
20.00			-0.50	
21.00			-0.30	
22.00			0.38	
23.00			0.12	
24.00			0.13	
25.00			0.06	
26.00			0.00	
27.00			0.33	
28.00			0.68	
29.00			0.08	
30.00			5.35	
31.00			2.03	
32.00			0.25	
33.00			0.06	
34.00			-0.80	
35.00			0.01	
36.00			0.11	
37.00			0.11	
38.00			7.64	
39.00			6.50	
40.00			0.20	
41.00			0.15	
42.00			0.13	
43.00			0.20	
44.00			1.57	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.38	
46.00			0.25	
47.00			0.16	
48.00			0.15	
49.00			0.13	
50.00			0.28	
51.00			4.73	
52.00			3.27	
53.00			3.07	
54.00			0.36	
55.00			0.06	
56.00			0.13	
57.00			0.25	
58.00			0.11	
59.00			0.11	
60.00			0.08	
61.00			0.06	
62.00			0.13	
63.00			0.28	
64.00			0.26	
65.00			3.64	
66.00			0.21	
67.00			0.20	
68.00			0.08	
69.00			0.10	
70.00			0.15	
71.00			0.06	
72.00			0.15	
73.00			0.18	
74.00			1.36	
75.00			0.08	
76.00			0.03	
77.00			0.08	
78.00			0.11	
79.00			0.16	
80.00			0.16	
81.00			0.47	
82.00			5.62	
83.00			0.70	
84.00			0.11	
85.00			-0.11	
86.00			0.15	
87.00			3.91	
88.00			0.18	
89.00			0.62	
90.00			0.05	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			0.01	
92.00			0.16	
93.00			0.26	
94.00			-0.15	
95.00			0.20	
96.00			0.28	
97.00			0.03	
98.00			0.15	
99.00			0.25	
100.00			0.13	
101.00			0.06	
102.00			0.16	
103.00			0.70	
104.00			-0.10	
105.00			0.00	
106.00			0.18	
107.00			0.13	
108.00			-5.20	
109.00			-0.90	
110.00			0.05	
111.00			0.15	
112.00			0.31	
113.00			0.10	
114.00			0.16	
115.00			0.20	
116.00			0.05	
117.00			0.21	
118.00			0.28	
119.00			0.03	
120.00			0.08	
121.00			0.03	
122.00			0.05	
123.00			0.08	
124.00			0.10	
125.00			0.10	
126.00			0.18	
127.00			0.13	
128.00			0.21	
129.00			0.10	
130.00			0.13	
131.00			0.16	
132.00			0.11	
133.00			0.13	
134.00			0.13	
135.00			0.13	
136.00			0.15	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			0.68	
138.00			4.40	
139.00			0.10	
140.00			0.15	
141.00			0.26	
142.00			0.30	
143.00			0.31	
144.00			0.11	
145.00			4.35	
146.00			0.15	
147.00			0.28	
148.00			0.08	
149.00			0.55	
150.00			0.20	
151.00			0.10	
152.00			0.08	

BOX LOG

HOLE: #REF!

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	9.20	36	142.62	146.60
2	9.20	12.50	37	146.60	150.65
3	12.50	15.50	38	150.65	152.70
4	15.50	19.00			
5	19.00	22.70			
6	22.70	26.40			
7	26.40	30.27			
8	30.27	34.10			
9	34.10	38.30			
10	38.30	42.20			
11	42.20	46.00			
12	46.00	50.30			
13	50.30	55.60			
14	55.60	58.70			
15	58.70	62.76			
16	62.76	66.99			
17	66.99	70.73			
18	70.73	74.45			
19	74.45	79.00			
20	79.00	83.09			
21	83.09	86.97			
22	86.97	90.30			
23	90.30	94.50			
24	94.50	98.55			
25	98.55	102.83			
26	102.83	107.10			
27	107.10	110.45			
28	110.45	114.45			
29	114.45	118.32			
30	118.32	122.34			
31	122.34	126.48			
32	126.48	130.70			
33	130.70	134.50			
34	134.50	138.55			
35	138.55	142.62			

PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		382883	6890152	1376	219.46

ZONE:

SECTION:

HOLE: KL-10-10

CLAIM: Klaza 17

Contractor: Top Rank

Drill:

Core size: NTW

Casing depth: 4.30 (m) in / **out**

Drilling dates: August 16 - 18 2010

Geology logged by: M. Phillips

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	30	-50.0	compass				
167.70		-50.0	acid				

TARGET: TR-1011

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	4.30	4.30	OVB	Casing - no recovery
4.30	146.17	141.87	GRD	Granodiorite with numerous narrow vein and breccia
				zones
146.17	178.85	32.68	POR	phyllic-argillic altered porphyry hosting large feldspar
				dyke and vein zones. Abundant sulphides and quartz
				flooding
178.85	219.46	40.61	GRD	phyllic-argillic altered granodiorite hosting same style
				mineralization and dykes as the previous porphyry
				E.O.H. 219.46

SAMPLES

Numbers: E146727 - E146748, E146749 - E146784, E146785 - E146800 and J980850 - J980869, J980870 - J980903

Total: 128

Batch: 18 (22), 19, 20 (36), 21 (34)

Date Sent:

Certificate: WH10170385, WH10176524, WH10188550, WH10188551

COMMENTS

Lost hole at 219.46m.

GEOLOGY LOG

HOLE: KL-10-10

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
0.00	4.30	4.30				CSN																					4.30 approximate - casing no recovery
4.30	4.60	0.30				GRD						ms															Propylitic altered, weak supergene clay on fracture.
4.60	11.42	6.82				GRD	BNLT		30	70	o	90										Li	tw				Strong pervasive supergene clay on wide bands of phyllic and moderate argillic alteration.
11.42	15.74	4.32				GRD	GNGY		t	t	o	tw							t	t		Mg	t				Propylitic, minor. Py - Sc Fx occuring with <3cm argillic envelope.
15.74	18.18	2.44				GRD	GNLT		t	90	t	m	Cb	t					t			to	t				Argillic - normal moderate - PL to white clay and pale green coloured rock where PL - pale - moderate green often zoned - weaker argillic; weak supergene; below increase supergene - more Fx.
			18.13	18.18	0.05	VEN	GYDK				100	25			VEN	55			tw	tw							4-5 cm. smoky quartz; on bottom contact Fx and strong Li ex Py.
18.18	19.80	1.62				GRD	ORMD		t	go	o	go							t								Strong supergene clay on hypogene moderate argillic alteration.
19.80	22.05	2.25				BXA	ORLT		ms	90	L	25							t			to	t				Bx - clasts argillic altered up to 15cm in a very fine matrix; matrix silicified light to dark gray (smoky) quartz; rare vuggy; weak pyrite; quartz strongest top 1m.
22.05	26.15	4.10				GRD	ORLT		w	90	o	50	Cb						t			Li	tw				Moderate supergene clay alteration on hypogene moderate argillic; weak phyllic veinlets; below 25.44 argillic alteration weakens - PL - pale green and mafic altered.
			24.20	24.50	0.30	GRD	GNCY		o	w	o	w							o			He	tw				Propylitic altered
			25.33	25.44	0.11	VEN	GYDK		w	o	75	w	Cb	20	VEN	65			f	tw		St	f	Sp	tw		VEN - above upper contact 5mm irregular band of St and Sp(?); VEN 11cm band of mottled light gray to dark gray (smoky) quartz cut by up to irregular 1:5cm wide Cb.
26.15	36.95	10.80				GRD	GNCY		t		t	tw							t	t		Mg	tw				Propylitic altered; occasional <10cm band weak argillic band around a Sc veinlet.
			26.69	27.14	0.45	GRD	GNLT		t	80	t	tw							t	t		o	o				Weak bleached, weak argillic - PL - pale green Kf - altered white and mafics altered
			26.96	26.99	0.03	VEN	WH		o	o	90	t	Cb	f	VEN	65			ms	ms		to	tw				VEN - light to medium gray.
36.95	40.55	3.60				GRD	GNLT		s	90	o	tw	Cb	t					t	t		He	tw				Weak (?) argillic alteration - PL - pale green Kf - white (kaolinite?) and mafics to clay; weak phyllic patches and bands.
			37.00	37.07	0.07	VEN	GYDK		o	o	80	t	CB	tw	VEN	75			l	tw		St	s	Sp	f		VEN - light to dark gray quartz; St - 15% Sp(?) - 5%; bottom contact irregular.
			38.24	38.26	0.02	VEN	GYLT	BX	o	o	50		Cb	50					o	o							Medium gray quartz in Cb matrix - VEN? Or undeveloped vein.
40.55	50.30	9.75				GNGY	GRD		t	m	t	tw							t	t		Mg	tw				Propylitic altered; ocassional weakly developed argillic band 5 - 30 cm wide. 50.00-50.30 - weak bleached, Kf - fresh - very weak altered, PL - soft pale green; mafics to mostly clay. Weak argillic.
50.30	52.77	2.47				GRD	ORLT		tw	90	o	o							t	t		He	tw				Bleached, Kf - trace most to KA-SC, PL - pale green to white - KA-SC, mafics - KA - SC strong argillic; phyllic - very weak - Fx; blebs.
			50.65	50.70	0.05	VEN	GYMD		f	o	75	o	Cb	L	VEN	55			t	t							Medium gray quartz, 1cm seam Cb.
			50.70	50.76	0.06	GRD	GYMD		90	10									tw	tw							Strong phyllic.
			50.76	50.79	0.03	VEN	GYMD		f	o	70		Cb	f	VEN	25			30	30		St	t	Sp	t		Footwall split of VEN 50.65-50.70; Sp t VEN - gray quartz - silicated phyllic? Trace St and Sp in quartz; heavy pyrite.
52.77	53.85	1.08				GRD	GNMD		o	80	o	o	Cb	t					t	t		He	t				Weak bleached - weak argillic - PL - pale green cy, mafics - weak altered to clay.
53.85	57.25	3.40				GRD	ORLT																				
							GYGN		t	90	o	o	Cb	t					t	t		He	tw				Strong bleached - mafic, KA and PL altered to KA-SC below 55.50 - grayish green - PL - pale-moderate green SC>KA - strong argillic?- weak phyllic; very weak crack. Ca - does this make it propylitic - wk argillic?
			54.64	54.66	0.02	VEN	WH		o		60		Cb	40	VEN	65			tw	t		Sp	t				VEN - 5-8 mm light gray quartz on bottom contact; balance VEN Ca and Cb, Sp - t in quartz.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
57.25	59.91	2.66				GRD	GNGY																				
							GTLT		t	90	o	o	Cb	t					t	t		He	t				Dark rock, Pl - medium-dark green, Kf-fresh - weakly altered, mafic altered, weak crack Ca - propylitic? 20% light coloured to 20cm bands, patch strong montmorillonite altered PL and strong pervasive Ca - weak clay - montmorillonite facies argillic alteration.
59.91	69.38	9.47				GRD	GNGY		o	o	o	tw										Mg	tw				Propylitic alteration; Kf - white occuring pink coloured (secondary) Mg - below 65.30 m - patchy.
69.38	72.13	2.75				GRD	GYWH		30	70	o	o	Cb	t					tw	tw							Bleached, moderate argillic - Kf stable, Bi - altered to stable, PL - chalky coloured KA; bands; 30% pale-dark green phyllic alteration PL - pale-dark green, mafics - Kf to Sc.
			69.55	69.56	0.01	VEN	GYDK		o	o	95	o	Cb	tw	VEN	70			tw	tw		Sp	?				1mm - 8mm dark gray quartz, trace Sp?, pyrite - fine grained and very fine grained.
			71.07	71.08	0.01	VEN	GYDK		o	o	90		Cb	m	VEN	70			ms	tw		St	m	Sp	tw		1.3-1.0cm dark gray smoky quartz occuring at junction of 25 degree Cb vein - upto 1cm in footwall of quartz vein.
			71.89	71.91	0.02	VEN	GYDK		s	o	m	o							w	w							VEN - no sharp contacts in places looks very fine Bx - 1mm, dark gray quartz - very fine pyrite looks more like phyllic - quartz-serecite-pyrite vein.
72.12	74.82	2.70				GRD	GNGY		o	30	o	o							o	o		Mg	tw				Mg - patchy; propalytic altered; 30% patches and bands of montmorillonitic clay - most below 73m.
74.82	77.72	2.90				GRD	GNLT		45	45	o	o	Cb	t													Bleached, PL - pale green - Se, Kf - altered, Bi occurance only some altered; - mixture Sc and Ka pervasive phyllic phyllic veining - Fx and bands to 5cm wide 10%; bottom 30cm montmorillonite clay - crumbly rock.
			76.86	77.00	0.14	VEN	GYDK		70	o	L	o	o		VEN	45			t	t							VEN? - may be phyllic veining - Qz-Sc-Py; 3cm at top and 5cm at bottom thin lenses of smoky quartz with very fine grained pyrite in strong pervasive phyllic alteration.
77.72	88.39	10.67				GRD	GNGY		t	o	o	o							o	o		Mg	tw				Propylitic altered - Cl and Ca; Kf - interstitial, white to pale pink. 80.50-81.95 - partings of montmorillonite clay on 20 degree Fx; below 86.40 decreasing Mg to trace.
			82.67	82.93	0.26	GRD	GNLT		80	20	o	o	To	tw					t	t							Bleached PL, Kf and mafics, - Pl - pale green pervasive phyllic Sc>Ka - strong, around an irregular < 5cm dark gray phyllic vein; To - patch of bleb and fracture.
			85.93	86.25	0.32	APL	PK	DY							DY												
88.39	94.90	6.51				GRD	GYLT		o	o	o	o							o	o		Mg	tw				Lighter colour decreasing mafics (10-15%) from previous 25%; propylitic altered colour change due to PL - fresh, pale-medium green; in GYLT variety PL - white.
94.90	95.20	0.30				GRD	GNLT		50	50	o	o	Cb						t			He	t				Phyllic - argillic altered; PL - at rims - PL - dark green to pale green - Sc to middle, Kf and mafic to Ka; at 95.03 - 1cm Ca-Cb VT and at 95.08 - 5mm Cb VT.
			95.11	95.12	0.01	VEN	MT		o	o	40		Cb	s	VT	75			40	t		Sp	40	St	tw		Light gray quartz, 15% Cb, Sp-40%, St-2%; below lower contact 2cm band strong phyllic alteration.
95.20	103.20	8.00				GRD	GYLT		o	o	o	o							o	o		Mg	tw				Light coloured variety; propalytic altered.
			103.20			GRD	GNGY		o	o	o		Cb	t					o	o		Mg	tw				Propylitic altered; dark coloured GRD.
106.80	109.14	2.34				GRD	GNLT		ms	50	o		Cb	t					t	t		He	tw				Moderate-strong bleached - PL - white to pale green Ka>Sc(?), Kf - altered white Ka and mafics to Sc - Ka - moderate argillic alteration (pervasive); phyllic - Fx and veining occuring patches.
109.14	120.40	11.26				GRD	GNGY		o	o	o		Cb	t								Mg	tw				Dark variety; propylitic altered - CL and Ca; Kf - pink - appears in some places to be replacing PL - secondary.
			111.25	111.73	0.48	GRD	GNMD			50	o	o	Cb	f						o		He	tw				Cb VT (<5mm) with < 10 cm bleached envelopes - Ka>Sc - fair - moderate argillic alteration.
120.40	137.06	16.66				GRD	GNGY		t	t	o	o							t			Mg	tw				Propylitic altered - Cl - Ca; increase in Fx (weak) +30 and -20 degree attitudes with Ca, montmorillonite clay; trace phyllic Fx and Py.
			124.20	124.95	0.75	GRD	GNMD		20	80			Cb	w	Cb	35			t			He	t				Weak bleached - PL - medium-dark green, Kf - mostly to Ka, mafics - altered - occasional Bi fresh, strong pervasive Ca; Cb-Ca VT <1cm 3%; lack strong bleaching and strong Ca = montmorillonite alteration.
			130.52	130.53	0.01	VEN	GYLT		50		25		Cb	s	VT	20			t	t		He	o				weak vein 8mm, wispy. Light-medium gray quartz 1-2mm.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			131.32	131.33	0.01	VEN	GYLT				50		Cb	50	VT	80			t	t		o	o				7mm veinlet, medium gray quartz in a 4cm argillic envelope.
					0.00																						
			132.71	132.75	0.04	VEN	GYMD		70		25	o	Cb	t					m	m							At top of contact 5mm medium gray quartz, 40% Py and on lower contact 4mm medium gray quartz 10% pyrite middling phyllic altered rock.
			133.21	133.22	0.01	VEN	GYMD		o	o	90	o	Cd	tr					ms	ms		He	tw				VEN 3-6mm medium gray quartz with 10% pyrite bounded by 20cm phyllic-argillic envelope.
			135.74	136.70	0.96	GRD	GNMD		w	o	o								t	t							Weak bleached - PL - medium green, slightly soft, Kf - stable, mafics - weak clay, pervasive and Fx; strong propylitic; very weak phyllic envelopes on Fx.
			136.70	137.06	0.36	GRD	GNMD		70	20	o								tw	tw							Bleached, weak grading to strong pervasive phyllic with phyllic veining; Py - associate phyllic veining.
137.06	137.92	0.86				VEN																					VEN - Vein zone.
			137.06	137.13	0.07	VEN	MT		20		30	o			VT	60				50	o	St	f	Cp	t		
																								Sp	ms		Upper 1.5-2cm and lower 3.5-4cm bands of semi massive Sx; upper band < 10% bleb quartz and lower band, up to 50% smoky quartz; Py and Sp>St>Cp; strong phyllic - Sc and silicated gray quartz.
			137.13	137.79	0.66	GRD	ORLT	BX	20	75	tw	o							tw	tw		He	t				Strong bleached, PL - white, mafic - to Sc; Kf to clay - strong argillic; weak phyllic Fx and narrow envelopes; minor < 3mm Qz VT and He? And Sp?; Py - associated phyllic alteration 137.63-137.79 Bx - clasts - 5mm, weak clay matrix lower contact 75 degrees.
			137.79	137.92	0.13	VEN	MT		s	o	85	o	Cb	ms	VEN	70			ms	f	o	Sp	m	St	f		At top 3 cm wide band of strong phyllic altered rock and minor Py; below smoky >> light gray quartz cut by Cb VT 1-2mm and patches to 15mm; weak pyrite, dark Sp(?) and St.
137.92	139.28	1.36				GRD	ORLT	BX	f		90	tw							t	t							Bleached pervasive strong argillic; 138.85-139.08 - dark gray Qz VT and Py - phyllic VT bottom 12cm weak Bx.
139.28	139.73	0.45				BXA	GYLT	BX	t		95	o			FLT	40			t	t							Clasts 1-40mm in a sand-clay size matrix, intensity decrease to bottom.
139.73	140.65	0.92				GRD	GYLT	SH	20		80	o	o	Cb	tw				w	w							SH and weak Bx, section moderate phyllic veining (<2cm); in some places fragment(?) of Ven material.
			140.04	140.10	0.06	VEN	MT	FLT	10		80		Cb	ms	FLT	45			m	m		St	w				bottom contact faulted; Ven - SH - smoky quartz and fair Cb, Py and St - in part look phyllic.
140.65	142.70	2.05				GRD	GYLT		tw		75	o		Cb	t	Bx	55		t	t		He	t				Moderate bleached - Fd - white to pale green (Ka and Sc); weak phyllic VT; 1/20cm. Bx - 1-2cm occasionally 5cm.
142.70	143.39	0.69				FEL	GYLT	BX	t		80	o	o						tw	tw							FEL - light gray, chilled, faint very fine phenocrysts; Bx - clasts GRD upper 50cm.
143.39	144.12	0.73				BXA	GYLT	BX	f		90	tw	o		FLT	45			tw	tw							Strong brecciated - mostly milled rock.
144.12	145.08	0.96				GRD	GNLT		t		80	o		Cb	t	FLT	45		t								Fd - pale green - Se and Ka, alteration decrease to bottom; 144.95-144.98 - FLT Bx - moderate FLT.
145.08	146.17	1.09				GRD	GYLT		50		50	o	o						w	w							White and pale green Fd, fair Di and VT pyrite - argillic and phyllic pervasive.
			145.23	145.27	0.04	VEN	MT		35		50								s	s							Blebby quartz and Se; strong pyrite, phyllic veinlet.
			145.55	145.67	0.12	VEN	GYDR		tw	o	90	o			VEN	70			ms	ms	tw						top 3cm white quartz, to bottom smoky quartz; As - ?
			145.71	145.72	0.01	VEN	MT		o	o	50	o			VEN	80			50	50							VEN - 1cm - does not look like phyllic vein.
			145.81	145.97	0.16	VEN	GYLT	BX	25	15	50	o			C	55			m	m							VEN - irregular upper contact, weak Bx with quartz flooding - smoky gray matrix, increase quartz flooding matrix and clast, bottom 8cm mottled white and smoky quartz; bottom contact sharp. 55 degrees.
			145.97	146.17	0.20	VEN	GYDR		80		ms	o							L	L							Phyllic veining with strong pyrite - 20%
146.17	148.10	1.93				GRD	GNLT		25	75	o	o	Cb	t	C	80			t	t		He	t				Strong bleached, moderate sheared - decrease to bottom contact; strong argillic alteration, weak phyllic veining; lower contact 80 degrees(?)
148.10	149.53	1.43				FEL	GYLT		o	75	o	o	Cb	tw					tw	tw							Cracked Bx to strong Fx, FELS - chilled, very fine Fd phenocrysts

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
149.53	151.75	2.22				GRD	GYMD		50	50			Cb	t					tw	tw								Weak Fx and SH - bottom contact Bx; pervasive argillic (Ka) and phyllic (pale green PL); phyllic veining present - Qz - Se and Py.
151.75	152.63	0.88				BXA	GYLT	B	25	75			Cb	tw					t	t								Bx - GRD and FEL (25%)
152.63	155.35	2.72				POR	BNLT	PO	o	75									o	o								Feldspar Porphyry - 15-20% Fd fine medium grained phenocrysts in a microcrystalline matrix; Bx - 152.63-153.00 weak; strong pervasive Ca - PL = Ka and Ca; strong bleached.
155.35	158.34	2.99				POR	GYDK	PO	o	50	o	o	Ca	f					o	o								Non-bleached, dark feldspar porphyry, weak clasts of light coloured porphyry, moderate argillic weak - fair pervasive calcite.
			156.90	158.34	1.44	POR	BNLT	PO	o	50	o	o	Ca	tw	C	60			t	t								Bleached, feldspar porphyry - matrix aphanitic. Weak pervasive calcite, occuring Ca - matrix weak Bx; bottom contact - sharp - 60.
158.34	159.10	0.76				POR	GYDR	BX	?	50	?		Cb	tw					tw	tw								SH and Bx POR - light and dark coloured variety; in places looks like clasts of GRD.
			158.73	158.82	0.09	VEN	MT		10		50				VN	60			50	f		Sp	30	St	10		3-4 cm massive to semi massive bands Sp>St in light gray quartz and Se.
159.10	165.86	6.76				GRD	GYLT		25	50	o	o	Cb	t	Cb	50			tw	tw								Bleached PL - pale green (Se) > Ka (white), notable Py - VT>DL; mafic alt.
			160.10	160.13	0.03	VEN (BXA)	BK	BX	o	o	o				VT	60			tw	tw								Vein Breccia but not silicified of strong Sx; soft, black coloured, fine sand - clay size material with weak angular clasts to 1cm.
			163.60	165.86	2.26	GRD	GYLT	BX	75	25									tw			He	t					Strong Fx, crackle Bx and Bx - clast supported; strong pervasive and vein phyllic alteration, above normal pyrite.
165.86	166.12	0.26				FEL	GYMD	BX	o	25	o		o	o	BX	40			t	t								Bx - FEL - clast supported, weak matrix; bottom contact 60 degrees.
166.12	166.22	0.10				VEN	GYMD	BX	25		50				VN	60			25	25								Vein? - on bottom 5cm Bx gray quartz > on top - 5cm strong Py and Se - possible phyllic vein - Qz-Se-Py.
166.22	166.55	0.33				FEL	GYLT		90	o	o								w	w								Intense phyllic alteration - Se and Py.
166.55	168.43	1.88				POR	BNLT		10	50									t	t								Black silicified clasts in a gougy clay - sand size material matrix - GRD.
			168.62	168.66	0.04		BK				f								tw	tw								4cm VN - 65 degrees black fine breccia - weak silicification.
168.66	170.79	2.13				GRD	GYLT		75	25	o	o							tw	tw								Strong pervasive and fair VT phyllic alteration.
			169.34	169.65	0.31			BX																				Bx strong at top decreasing to bottom.
			170.35	170.40	0.05	VEN	GY			5	90				VT	80			f	tw		Sp	f					1 - 1.5cm med gray quartz with Sp and Py at the top and in footwall. 4cm FEL sill/dyke.
170.79	178.00	7.21				POR	BNLT		o	25	o	o	Cb	t	Cb	15			t	t								Feldspar porphyry - 15% fine-medium grained Fd phenocryst, minor Qz phenocrysts in a microcrystalline matrix.
			174.63	175.26	0.63	BXA			o	50	o	o																Bleached, crackle Bx, icr Bx to bottom, on bottom - weak FLT.
			176.15	176.20	0.05	FLT		BX		50					FLT	30												Weak breccia.
			177.00	178.00	1.00			FL			t				FL	65												Flow banded, trace quartz veinlets (<2mm) parallel FL.
178.00	178.85	0.85				VEN																						Vein zone.
			178.00	178.31	0.31	VEN	GYDK	BX		5	o	5	o	o					f	f								Brecciated GRD - clasts Qz and Fd, silica flooding matrix - patchy weak to fair and strong Sc - core highly broken.
			178.31	178.40	0.09	VEN	GYDK	BX	o	o		60	o						tw	tw								Core broken, black colour fine breccia - strong dark gray quartz flooded.
			178.40	178.50	0.10	VEN	MT	MA		t		ms							80	s		Sp	50	St	ms			massive - semi massive Sx.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			178.50	178.56	0.06	GRD	GYLT		90										f	f							Strong pervasive phyllic altered.
			178.56	178.62	0.06	VEN	MT	MA	f	o	ms	o							80	80		Sp	?				Up to 8cm; 2cm and 4 cm bands - MA seperated by GRD.
			178.62	178.72	0.10	GRD	GYLT		75	o	tw								tw	tw							Strong pervasive altered; quartz and pyrite veinlets.
			178.72	178.85	0.13	VEN	MT	MA			ms				VN	70			90	45		Sp	50	St	m		
178.85	179.06	0.21				GRD	GNLT		90	o	o	o							m	m							Strong pervasive phyllic - intensity decreases to bottom; 15 degree pyritic Fx into vein; Bx on Fx.
179.06	179.70	0.64				GRD	GNMD															Mg	t				Propylitic altered - Cl, Ca - Se
179.70	181.62	1.92				GRD	ORLT		m		50	t	o						t	t							Appearance og phyllic veinlets (<0.5mm Se, Py, Qz) - bleached moderate argillic - Kf and mafic altered.
			180.03	180.05	0.02	VEN	GYDK		90		ms								f	f		St	t				Phyllic veinlets and envelope, trace fracture St.
			180.31	180.32	0.01	VEN	GYLT				100								t	t							Irregular 1cm light gray quartz VT.
			180.77	180.93	0.16	VEN	BK	BX			f				BX	80			tw	tw		Sp	tw	St	t		
						(BXA)																Qs	t(?)				BXA = VEN - clasts 1mm - 3cm in a fine sand - clay size matrix, clasts alt. GRD and POR(?). Weak bleb quartz.
			181.14	181.17	0.03	VEN (BXA)	GYLT		20	o	70								t	t							Quartz replacement - varies from 5mm to 3cm vuggy; probably silicified Bx.
181.62	185.24	3.62				GRD	GNMD		t		t	o	o						t			Mg	t				Propylitic altered, cut by phyllic VT (<1-2mm) spaced 10-25cm apart, VT rare alteration envelope; VT Sc, Py and Qz.
185.24	187.00	1.76				GRD	ORLT		50	50																	Moderate argillic altered; phyllic veins and envelopes (up to 7cm) strong.
			185.56	185.57	0.01	VEN	GYLT		10	o	70	o	Cb	w	VT	50			s	ms		Sp	ms				VEN - phyllic quartz vein with later parallel 2-3mm quartz vein, sharp contact and with about 50% Sp; phyllic envelope around vein = 7cm.
			186.13	187.00	0.87	GRD	GNMD												o			Mg	tw				Propylitic altered - CL - Ca.
187.00	190.50	3.50				GRD	ORLT		t		50	o	o	o					t	t							Bleached, moderate argillic - Ka, Kf and mafics to Ka; weak phyllic Fx - Se - Py and Qz.
			187.60	187.77	0.17	GRT	GYLT		75		25	w	o						f	f							Strong pervasive phyllic 8mm Qz - Py VT.
			187.77	187.96	0.19	BXA (VEN)	GYDR	BX		s		75	o		VN	65			tw	tw							Upper 6cm matrix silicified and bottom section strong pervasive dark gray silicification most clasts altered POR.
			187.96	188.35	0.39	GRD	GYMD		75		25	w		Cb	t				tw	tw							Strong pervasive and moderate Fx - Sc - Py and Qz phyllic alteration.
			188.35	188.42	0.07	VEN	GYMD		40	o		30	o	Cd	ms	VN	80		s	ms		Sp	ms	St	tw		At top 2cm band of smoky quartz; on bottom 2-2.5 cm band of white quartz and Cb with mod Sx - Py>Sp>St (weak) middling section quartz (silicated) and sericite mixture.
			188.42	189.88	1.46	GRD	GNLT		75		25	tw	o														Strong pervasive phyllic - PL - medium green (Se) > white PL (Ka), strong phyllic VT upper 50cm decreasing to bottom contact.
			189.88	189.90	0.02	GRD	GYLT		90	o	o	o							f	f							Intense bleached - phyllic, pyrite VT common.
			189.97	190.08	0.11	VEN	MT	MA	o	o		40	o		VN	80			60	60							MA PY split by 0-5cm wedge of light gray quartz.
			190.08	190.27	0.19	GRD	GYMD		90																		Strong envelope and Fx phyllic at top grading to strong pervasive phyllic at bottom.
			190.27	190.50	0.23	BXA	GYLT	BX			75				SH	50											< 2mm - 1cm clasts, clast supported; at top 1cm strong sheer - 50 degrees.
190.50	192.20	1.70				GRD	ORLT		f		75	t	o	o					tw	tw							Phyllic Fx - f up to 1cm wide, argillic strong - phyllic altered.
			191.00	191.04	0.04				25	o		75			VT	45			m	m							Varies from 2 to 4 cm wide, mottled light gray and smoky quartz.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
192.20	195.00	2.80				GRD	GYLT		t	75									w	w		He	t				Strong argillic alteration; weak phyllic VT (Se and Py), unusually stronger than normal. DL Py - 3%? 194.06 - bleb Ca with 2-3mm spots of smoky quartz - adjoins 60 degree Fx.
			193.17	193.20	0.03	POR	TN								C	80		tw	tw								
			193.39	193.42	0.03	VEN	MT								VT	55		90	90								3cm Py VT, no quartz or Bx seen.
			193.55	194.22	0.67	GRD		FX																			Fx - moderate iintensity attitude +15 degrees and -15 degrees, occasional weak crackle Bx - 2-3cm.
			194.22	194.31	0.09	VEN	GYLT		o	o	55	o			FLT	40		45	45		St	t					VEN 4.5 - 9cm wide, reduced width on footwall due to 40 degree FLT; Py - coarse crystalline.
			194.31	194.44	0.13	BXA	GYDR		90	o	o	o							f	f							Strong phyllic - weak Bx grading into crackle Bx; strong Py at top decreasing to bottom; Py looks related to phyllic VT Bx; lower contact sharp 55 degrees.
			194.44	194.87	0.43	GRD	GYMD		90										f	f							Strong pervasive phyllic; fair (f) DI Py.
			194.87	195.00	0.13	FLT	GYLT	BX							FLT	25											Strong <2mm clasts in a clay matrix; this may be the source of strong Fx down the hole.
195.00	199.64	4.64				GRD	GNLT	FX	75	25									tw	tw							Fair phyllic Fx and envelopes; strong phyllic - PL - pale green Se, Kf and mafics to clay; 196.25 - 55 Fx -25 degrees; 197.25 55 Fx -35 degrees gougy; 198.70 55 Fx 30 degrees.
			197.85	199.10	1.25	GRD	GYLT		t	25	o		Ca	w					t	t							BI, CL (cx Hb) Kf and PL to Se and Ka and Ca = weak argillic - in part montmorillonitic.
			199.10	199.64	0.54	GRD	GYLT	BX	t	50			Ca	f					o								Bleached - all mineral alteratered moderate clay alteration and Ca weak - fair.
199.64	201.90	2.26				GRD	GYDK	FX		25			Ca	f					tw	tw							Propylitic altered - Bi and Kf stable, PL - fresh to fair altered to Se, occasional patch montmorillonite clay cut by bleavhed bands (2-8cm wide) aroung phyllic VT. 200.60 - 55 Fx -20 degrees; 200.50 - 5mm Qz VT - irregular phyllic origin with 5% bleb Py.
201.90	202.19	0.29				GRD	ORLT		50	50									tw								Moderate - strong argillic with 30cm wide envelope arounf vein.
			202.14	202.17	0.03	VEN	WH				75				VN	40		25									Irregular white quartz VEN; phyllic quartz.
202.19	203.28	1.09				POR	TN	FL		50									t	t							Feldspar porphyry - fine phenocrysts Fd, fine FL.
			203.28	203.29	0.01	VEN	BK	BX	10		50								t	t							Bottom contact of POR = 1cm. POR Bx with 1mm - 1cm smoky quartz.
203.29	204.07	0.78				GRD	ORLT		75	25									tw	tw							Moderate to strong pervasive phyllic, midding strong phyllic veinlets - Se and Py.
			203.67	203.72	0.05	VEN	GYLT		80	o	m	o	Ca	m	VT	60			m	m		Sp	t	St	?		3 phyllic VT vary from 1mm - 10mm. Lenses - Se and Py and Qz (in one only) traces Sp and SH (?) quartz - medium gray, speck smoky.
			203.97	203.98	0.01	VEN	MT		20	o	50	o			VT	60		30				Sp	m	St	t		1-1.5 cm gray quartz mineralized phyllic vein.
204.07	207.26	3.19				GRD	GNGY		Tw	s	t								t			Mg	tw				Propylitic altered - CL and Ca; 204.07 - 204.22 transition - PL - Sc + CL + Ca weak Sc + Py + Qz VT with upto 2 - 15cm wide envelopes of srgillic alteration on bottom contact 5cm Ca VT and crumbly montmorillonite (strong) Cy and Ca.
207.26	208.38	1.12				GRD	GYLT		50	10	o								t								Bleached, at top 15cm band moderate argillic Kf and Bi stable, PL to Ka transition to moderate pervasive phyllic resultinig from phyllic VT up to 10cm.
			207.63	207.66	0.03	VEN	GYDK		o	o	60		Cb	30	VT	70			s	s							Light gray mostly smoky quartz, strong very fine Py, Cb - 3 to 10mm band at top contact.
208.38	209.00	0.62				GRD	BNGY		t	ms	o								t	t							Propylitic alteration CL and Ca; trace Sc veinlet with clay envelope (<2cm).
209.00	212.06	3.06				GRD	ORLT		tw	50									t	t							Bleached, weak grading to moderate to bottom contact; phyllic veinlets increase to bottom contact.
			210.00	210.15	0.15	GRD	GYMD		75	25	o	o							m	m							Strong < 1-2mm Sc and Py and Py only veinlets, strong pervasive phyillic alteration
			210.15	210.25	0.10	VEN	GYDK		ms		80								s	s							Core smashed by drill helper; smoky much greater than gray quartz; very fine pyrite.
			210.25	210.31	0.06	FLT																					Core loss - possible FLT - Bx.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			210.31	210.54	0.23	VEN	GYMD		75		ms								f	f								Starting at 310.4 - strong 2-7 mm smoky quartz veinlets with Py and density 1/1-2 cm.
			210.54	210.76	0.22	VEN			40		50								f	f								Three smoky irregular in width quartz bands, upper 1-4cm, middle 3cm and lower 4-6 cm in width. In strong pervasive phyllic alteration; weak very fine pyrite in top and middle band; better Py in lower quartz band.
			210.76	211.03	0.27	GRD	WHGY		75	25	t								tw	tw								Strong (1/1-3 cm) 0.5-2 mm Se +Py + Qz veinlets in a strong pervasive phyllic alteration.
			211.03	211.13	0.10	VEN	MT		20		60		Cb	ms					25			Sp	m	St	tw			
																						Cp	t					3.5 - 5 cm upper band smoky quartz > light gray quartz with very fine Py, Cb filling cavities in quartz; on lower contact 2cm band of white to smoky quartz.
			211.13	211.33	0.20	GRD	WHGY		75		o		o						tw									Strong bleached, strong phyllic veinlets Py - Se (0.5mm wide)
			211.33	212.06	0.73	GRD	ORLT		f		50	o							t	t								Weak-moderate argillic alteration, weak phyllic veining; Ca - pervasive near bottom.
212.06	213.36	1.30				GRD	GNGY		t										t									Propylitic altered, minor VT Se and < 2cm bleached envelope.
			212.90	213.36	0.46	FLT	GNLT	SH			95		Ca	m	FT	20												Highly sheared to a montmorillonitic clay, dip 15-25 degrees, major fault?
213.36	214.67	1.31				GRD			tw		25		Ca	tw					t									Propylitic to weak argillic altered, highly micro Fx below 214m.
214.67	217.04	2.37				FLT	GYLT	BX			95		Ca	f	FLT	20												Bx - mostly < 5 mm clasts in a Cy and Ca matrix, towards lower contact occasional clasts to 10 cm. chlorite fault planes occasionally present: major fault.
217.04	219.46	2.42				GRD	GNLT		tw		25	o	Ca									t						Weak bleached, Bi and Ka stable, Hb to Cl, Ca pervasive and Fx Ca - PL to Sc, bends to Ka this looks like transition propylitic to weak argillic; below 218.50 increased phyllic veining.
			218.48	218.50	0.02	VEN	GYLT		o	o	80				VT	65			L	L								Light gray quartz with blebs Py: looks like phyllic quartz; 8cm Se envelope.

219.46 E.O.H.

SAMPLE LOG

HOLE: KL-10-10

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
4.30	6.10	1.80			E146727	18					No recovery to 4.30 (?)
6.10	9.14	3.04			E146728	18					
9.14	12.19	3.05			E146729	18					
12.19	15.24	3.05			E146730	18					
15.24	17.50	2.26			E146731	18					
17.50	18.50	1.00			E146732	18					
18.50	19.70	1.20			E146733	18					
at	19.70				E146734	18					Blank
19.70	21.00	1.30			E146735	18					
21.00	22.10	1.10			E146736	18					
22.10	24.50	2.40			E146737	18					
24.50	25.50	1.00			E146738	18					
25.50	26.50	1.00			E146739	18					
at	26.50				E146740	18					Standard: PL-2
26.50	27.50	1.00			E146741	18					
27.50	30.50	3.00			E146742	18					
30.50	33.50	3.00			E146743	18					
at	33.50				E146744	18					1/4 core sample split
33.50	36.50	3.00			E146745	18					
36.50	37.50	1.00			E146746	18					
37.50	38.50	1.00			E146747	18					
38.50	41.50	3.00			E146748	18					
41.50	44.50	3.00			E146749	19					
44.50	47.50	3.00			E146750	19					
47.50	50.00	2.50			E146751	19					
50.00	51.00	1.00			E146752	19					
51.00	54.00	3.00			E146753	19					
54.00	55.00	1.00			E146754	19					
55.00	58.00	3.00			E146755	19					
58.00	61.00	3.00			E146756	19					
61.00	64.00	3.00			E146757	19					
at	64.00				E146758	19					Blank
64.00	66.20	2.20			E146759	19					
66.20	69.20	3.00			E146760	19					
69.20	70.20	1.00			E146761	19					
70.20	71.20	1.00			E146762	19					
71.20	72.20	1.00			E146763	19					
at	72.20				E146764	19					Standard: PL-2
72.20	74.20	2.00			E146765	19					
74.20	76.20	2.00			E146766	19					
76.20	77.20	1.00			E146767	19					
77.20	80.20	3.00			E146768	19					
80.20	83.20	3.00			E146769	19					
83.20	86.20	3.00			E146770	19					
at	86.20				E146771	19					Standard: CDN-SE-1
86.20	89.20	3.00			E146772	19					
89.20	92.20	3.00			E146773	19					
92.20	94.70	2.50			E146774	19					
94.70	95.70	1.00			E146775	19					
at	95.70				E146776	19					Blank
95.70	98.70	3.00			E146777	19					
98.70	101.70	3.00			E146778	19					
101.70	104.70	3.00			E146779	19					
104.70	107.70	3.00			E146780	19					
at	107.70				E146781	19					1/4 core sample split
107.70	110.70	3.00			E146782	19					
110.70	113.70	3.00			E146783	19					
113.70	116.70	3.00			E146784	19					
116.70	119.70	3.00			E146785	20					
119.70	122.70	3.00			E146786	20					
122.70	125.70	3.00			E146787	20					
125.70	128.00	2.30			E146788	20					
128.00	130.40	2.40			E146789	20					
130.40	131.40	1.00			E146790	20					
at	131.40				E146791	20					Blank
131.40	132.50	1.10			E146792	20					
132.50	133.50	1.00			E146793	20					
133.50	135.00	1.50			E146794	20					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
135.00	137.00	2.00			E146795	20					
137.00	138.00	1.00	0.95	0.95	E146796	20					
at	138.00				E146797	20					Blank
138.00	139.15	1.15	1.10	0.96	E146798	20					
139.15	140.15	1.00	1.00	1.00	E146799	20					
140.15	141.15	1.00	0.90	0.90	E146800	20					
141.15	142.70	1.55	1.50	0.97	***J980850***	20					
142.70	145.10	2.40	2.30	0.96	***J980851***	20					
145.10	146.30	1.20	1.05	0.87	***J980852***	20					
146.30	149.30	3.00			***J980853***	20					
at	149.30				***J980854***	20					Standard: PL-2
149.30	152.30	3.00			***J980855***	20					
152.30	155.30	3.00			***J980856***	20					
155.30	158.30	3.00			***J980857***	20					
158.30	159.30	1.00	1.00	1.00	***J980858***	20					
159.30	160.30	1.00	1.00	1.00	***J980859***	20					
160.30	163.30	3.00			***J980860***	20					
at	163.30				***J980861***	20					Standard: CDN-SE-1
163.30	166.00	2.70			***J980862***	20					
166.00	167.00	1.00	0.95	0.95	***J980863***	20					
167.00	168.20	1.20	1.20	1.00	***J980864***	20					
168.20	169.20	1.00	0.92	0.92	***J980865***	20					
169.20	170.20	1.00	1.00	1.00	***J980866***	20					
170.20	171.20	1.00	1.00	1.00	***J980867***	20					
171.20	174.20	3.00			***J980868***	20					
at	174.20				***J980869***	20					1/4 core sample split
174.20	176.00	1.80			***J980870***	21					
176.00	178.00	2.00			***J980871***	21					
178.00	179.00	1.00			***J980872***	21					
179.00	180.70	1.70			***J980873***	21					
180.70	181.70	1.00			***J980874***	21					
181.70	183.70	2.00			***J980875***	21					
183.70	185.20	1.50			***J980876***	21					
185.20	186.20	1.00	1.00	1.00	***J980877***	21					
at	186.20				***J980878***	21					Blank
186.20	187.20	1.00			***J980879***	21					
187.20	188.20	1.00	1.00	1.00	***J980880***	21					
188.20	189.20	1.00	1.00	1.00	***J980881***	21					
189.20	190.20	1.00	1.00	1.00	***J980882***	21					
190.20	191.20	1.00	0.95	0.95	***J980883***	21					
191.20	193.10	1.90			***J980884***	21					
193.10	194.10	1.00			***J980885***	21					
at	194.10				***J980886***	21					Standard: CDN-SW-1
194.10	195.10	1.00	1.00	1.00	***J980887***	21					
195.10	198.10	3.00			***J980888***	21					
198.10	200.10	2.00			***J980889***	21					
200.10	202.00	1.90			***J980890***	21					
202.00	203.00	1.00	1.00	1.00	***J980891***	21					
at	203.00				***J980892***	21					Blank
203.00	204.00	1.00	0.96	0.96	***J980893***	21					
204.00	207.00	3.00	1.00	0.33	***J980894***	21					
207.00	208.00	1.00	1.00	1.00	***J980895***	21					
208.00	210.00	2.00			***J980896***	21					
at	210.00				***J980897***	21					Standard: PL-2
210.00	211.30	1.30	1.25	0.96	***J980898***	21					
211.30	214.30	3.00			***J980899***	21					
214.30	216.30	2.00			***J980900***	21					
216.30	218.45	2.15			***J980901***	21					
ar	218.45				***J980902***	21					1/4 core sample split
218.45	219.46	1.01	0.95	0.94	***J980903***	21					
219.46	EOH										

GEOTECHNICAL LOG

HOLE: KL-10-10

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour
	6.10	6.10	1.65	27	0	0	S	MW	
6.10	9.10	3.00	1.15	38	0.27	9	S	MW	
9.10	12.20	3.10	2.80	90	0.79	25	S	MW	
12.20	15.20	3.00	2.97	99	2.25	75	S	FR	
15.20	18.30	3.10	3.00	97	2.52	81	VS	FR	
18.30	21.30	3.00	2.90	97	1.26	42	S	SW	
21.30	24.40	3.10	3.13	101	1.34	43	S	SW	
24.40	27.40	3.00	3.07	102	2.09	70	S	SW	
27.40	30.50	3.10	3.01	97	2.70	87	S	FR	
30.50	33.50	3.00	3.03	101	2.49	83	VS	FR	
33.50	36.60	3.10	3.07	99	2.28	74	VS	FR	
36.60	39.60	3.00	3.06	102	2.84	95	S	FR	
39.60	42.70	3.10	3.07	99	2.53	82	S	FR	
42.70	45.70	3.00	2.92	97	2.38	79	VS	FR	
45.70	48.80	3.10	2.99	96	1.70	55	VS	FR	
48.80	51.80	3.00	3.03	101	2.46	82	VS	FR	
51.80	54.90	3.10	3.05	98	1.90	61	S	FR	
54.90	57.90	3.00	3.00	100	1.92	64	S	FR	
57.90	61.00	3.10	2.64	85	1.34	43	VS	SW	
61.00	64.00	3.00	3.12	104	2.56	85	VS	FR	
64.00	65.50	1.50	1.60	107	1.50	100	VS	FR	
65.50	67.10	1.60	1.52	95	1.20	75	S	FR	
67.10	68.60	1.50	1.51	101	1.18	79	S	FR	
68.60	70.10	1.50	1.49	99	1.24	83	S	FR	
70.10	71.60	1.50	1.49	99	1.32	88	S	FR	
71.60	73.20	1.60	1.59	99	1.30	81	S	FR	
73.20	74.70	1.50	1.40	93	0.55	37	VS	FR	
74.70	76.20	1.50	1.50	100	1.12	75	S	FR	
76.20	77.70	1.50	1.42	95	1.30	87	S	FR	
77.70	79.20	1.50	1.66	111	0.63	42	S	FR	
79.20	80.80	1.60	1.47	92	1.80	113	S	FR	
80.80	82.30	1.50	1.56	104	0.60	40	VS	FR	
82.30	83.80	1.50	1.33	89	1.01	67	VS	FR	
83.80	85.30	1.50	1.50	100	1.41	94	VS	FR	
85.30	86.90	1.60	1.55	97	1.04	65	VS	FR	
86.90	88.40	1.50	1.54	103	1.42	95	S	FR	
88.40	89.90	1.50	1.50	100	1.46	97	S	FR	
89.90	91.40	1.50	1.45	97	1.03	69	S	FR	
91.40	93.00	1.60	1.60	100	1.45	91	VS	FR	
93.00	94.50	1.50	1.48	99	1.31	87	VS	FR	
94.50	96.00	1.50	1.51	101	1.33	89	VS	FR	
96.00	97.50	1.50	1.50	100	1.40	93	VS	FR	
97.50	99.10	1.60	1.55	97	1.50	94	VS	FR	
99.10	100.60	1.50	1.51	101	1.44	96	VS	FR	
100.60	102.20	1.60	1.50	94	1.39	87	VS	FR	
102.20	103.60	1.40	1.56	111	1.46	104	VS	FR	
103.60	105.20	1.60	1.54	96	1.38	86	VS	FR	
105.20	106.70	1.50	1.55	103	1.43	95	S	FR	
106.70	108.20	1.50	1.50	100	1.40	93	S	FR	
108.20	109.70	1.50	1.50	100	1.80	120	VS	FR	

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour
109.70	111.30	1.60	1.58	99	1.58	99	VS	FR	
111.30	112.80	1.50	1.47	98	1.35	90	VS	FR	
112.80	114.30	1.50	1.59	106	1.21	81	VS	FR	
114.30	115.80	1.50	1.57	105	1.17	78	VS	FR	
115.80	117.30	1.50	1.57	105	1.21	81	VS	FR	
117.30	118.90	1.60	1.50	94	1.42	89	VS	FR	
118.90	120.40	1.50	1.54	103	1.18	79	VS	FR	
120.40	121.90	1.50	1.50	100	1.20	80	S	FR	
121.90	123.40	1.50	1.50	100	1.02	68	VS	FR	
123.40	125.00	1.60	1.59	99	1.15	72	VS	FR	
125.00	126.50	1.50	1.55	103	1.15	77	S	FR	
126.50	128.00	1.50	1.52	101	0.97	65	S	FR	
128.00	129.50	1.50	1.54	103	1.07	71	S	FR	
129.50	131.10	1.60	1.50	94	1.48	93	S	FR	
131.10	132.60	1.50	1.53	102	0.82	55	VS	FR	
132.60	134.10	1.50	1.46	97	0.80	53	VS	FR	
134.10	135.60	1.50	1.42	95	1.18	79	VS	FR	
135.60	137.20	1.60	1.60	100	0.88	55	S	FR	
137.20	138.70	1.50	1.54	103	0.58	39	MS	SW	
138.70	140.20	1.50	1.50	100	0.22	15	MS	SW	
140.20	141.70	1.50	1.45	97	0.50	33	MS	SW	
141.70	143.30	1.60	1.50	94	0.56	35	MS	SW	
143.30	144.80	1.50	1.52	101	0.27	18	W	SW	
144.80	146.30	1.50	1.52	101	0.16	11	MS	SW	
146.30	147.80	1.50	1.50	100	1.10	73	MS	MW	
147.80	149.40	1.60	1.50	94	0.70	44	MS	FR	
149.40	150.90	1.50	1.50	100	0.68	45	MS	FR	
150.90	152.40	1.50	1.59	106	0.27	18	W	FR	
152.40	153.90	1.50	1.49	99	0.56	37	S	FR	
153.90	155.40	1.50	1.47	98	0.47	31	S	FR	
155.40	157.00	1.60	1.56	98	1.27	79	S	FR	
157.00	158.50	1.50	1.60	107	0.62	41	MS	SW	
158.50	160.00	1.50	1.50	100	0.75	50	S	FR	
160.00	161.50	1.50	1.40	93	0.91	61	S	FR	
161.50	163.10	1.60	1.63	102	1.45	91	MS	FR	
163.10	164.60	1.50	1.60	107	1.01	67	MS	SW	
164.60	166.10	1.50	1.47	98	0.58	39	W	MW	
166.10	167.60	1.50	1.54	103	0.13	9	W	MW	
167.60	169.20	1.60	1.49	93	0.23	14	MS	SW	
169.20	170.70	1.50	1.50	100	0.50	33	MS	SW	
170.70	172.20	1.50	1.50	100	0.87	58	MS	SW	
172.20	173.70	1.50	1.54	103	1.07	71	S	FR	
173.70	175.30	1.60	1.53	96	0.66	41	MS	SW	
175.30	176.80	1.50	1.48	99	0.90	60	S	FR	
176.80	178.30	1.50	1.50	100	0.62	41	S	FR	
178.30	179.80	1.50	1.50	100	1.37	91	VS	FR	
179.80	181.40	1.60	1.52	95	1.25	78	VS	FR	
181.40	182.90	1.50	1.50	100	1.37	91	VS	FR	
182.90	184.40	1.50	1.50	100	0.96	64	S	FR	
184.40	185.90	1.5	1.54	103	1.26	84	S	FR	
185.90	187.50	1.6	1.52	95	1.16	73	S	FR	
187.50	189.00	1.5	1.50	100	1.01	67	S	FR	

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour
189.00	190.50	1.5	1.50	100	0.28	19	S	FR	
190.50	192.00	1.5	1.55	103	0.83	55	S	FR	
192.00	193.50	1.5	1.50	100	0.91	61	S	FR	
193.50	195.10	1.6	1.45	91	0.27	17	MS	SW	
195.10	196.60	1.5	1.50	100	0.67	45	S	FR	
196.60	198.10	1.5	1.50	100	0.52	35	VS	FR	
198.10	199.60	1.5	1.51	101	0.40	27	S	FR	
199.60	201.20	1.6	1.59	99	0.46	29	MS	FR	
201.20	202.70	1.5	1.50	100	0.45	30	MS	FR	
202.70	204.20	1.5	1.47	98	0.87	58	S	FR	
204.20	205.70	1.5	1.50	100	0.99	66	S	FR	
205.70	207.30	1.6	1.48	92	0.94	59	VS	FR	
207.30	208.80	1.5	1.60	107	1.00	67	VS	FR	
208.80	210.30	1.5	1.48	99	0.87	58	S	FR	
210.30	211.80	1.5	1.45	97	1.13	75	MS	FR	
211.80	213.40	1.6	1.50	94	0.74	46	W	SW	
213.40	214.90	1.5	1.55	103	0.71	47	MS	SW	
214.90	216.40	1.5	1.45	97	0.19	13	VW	MW	
216.40	217.90	1.5	1.51	101	1.06	71	W	SW	
217.90	219.40	1.5	1.50	100	1.02	68	S	FR	
	EOH								

SAMPLE LOG

HOLE: #REF!

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments

DENSITY LOG

HOLE:

Depth (m)	Unit	Modifier	MINERALS				Comments	Length (cm)	Diameter (cm	Dry weight	Wet Weight	Density	Specific Gravity
			Py %	As %	Other	%							
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
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												#DIV/0!	#DIV/0!
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												#DIV/0!	#DIV/0!
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												#DIV/0!	#DIV/0!
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												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!
												#DIV/0!	#DIV/0!

MAGNETIC SUSCEPTIBILITY LOG

HOLE:

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00				
2.00				
3.00				
4.00			0.67	
5.00			0.77	
6.00			0.03	
7.00			0.10	
8.00			0.03	
9.00			-0.03	
10.00			0.11	
11.00			0.08	
12.00			3.29	
13.00			0.13	
14.00			0.15	
15.00			6.36	
16.00			-0.80	
17.00				
18.00			0.15	
19.00			0.15	
20.00			0.08	
21.00			0.05	
22.00			0.10	
23.00			0.35	
24.00			0.00	
25.00			0.21	
26.00			0.21	
27.00			0.13	
28.00			10.10	
29.00			5.74	
30.00			13.50	
31.00			17.60	
32.00			1.26	
33.00			15.70	
34.00			17.40	
35.00			17.30	
36.00			13.40	
37.00			0.30	
38.00			0.21	
39.00			-2.80	
40.00			-6.30	
41.00			15.30	
42.00			12.90	
43.00			14.90	
44.00			13.10	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			7.49	
46.00			16.80	
47.00			-0.21	
48.00			9.96	
49.00			8.55	
50.00			8.50	
51.00			0.25	
52.00			0.28	
53.00			0.35	
54.00			0.21	
55.00			0.21	
56.00			0.25	
57.00			0.30	
58.00			0.36	
59.00			0.33	
60.00			0.33	
61.00			15.00	
62.00			13.50	
63.00			16.70	
64.00			7.37	
65.00			16.50	
66.00			12.50	
67.00			14.20	
68.00			11.80	
69.00			12.90	
70.00			3.54	
71.00			0.23	
72.00			0.25	
73.00			10.70	
74.00			9.18	
75.00			0.26	
76.00			0.15	
77.00			0.23	
78.00			9.24	
79.00			10.30	
80.00			9.87	
81.00			12.20	
82.00			6.78	
83.00			12.60	
84.00			18.10	
85.00			14.90	
86.00			0.95	
87.00			12.80	
88.00			10.60	
89.00			11.10	
90.00			11.20	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			12.40	
92.00			13.10	
93.00			9.99	
94.00			10.50	
95.00			1.07	
96.00			9.22	
97.00			12.10	
98.00			10.20	
99.00			13.50	
100.00			7.30	
101.00			10.40	
102.00			14.70	
103.00			20.70	
104.00			11.70	
105.00			12.20	
106.00			11.20	
107.00			0.11	
108.00			-0.36	
109.00			0.23	
110.00			5.84	
111.00			13.30	
112.00			14.10	
113.00			13.40	
114.00			7.47	
115.00			13.90	
116.00			11.40	
117.00			11.40	
118.00			14.00	
119.00			13.50	
120.00			15.10	
121.00			11.50	
122.00			15.40	
123.00			11.80	
124.00			15.70	
125.00			1.19	
126.00			15.70	
127.00			8.83	
128.00			16.00	
129.00			9.67	
130.00			12.70	
131.00			5.84	
132.00			1.17	
133.00			0.25	
134.00			0.40	
135.00			13.30	
136.00			0.23	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			0.10	
138.00			0.16	
139.00			0.26	
140.00			0.21	
141.00			0.31	
142.00			0.11	
143.00			0.23	
144.00			0.05	
145.00			0.18	
146.00			0.08	
147.00			0.05	
148.00			0.03	
149.00			0.16	
150.00			0.16	
151.00			1.99	
152.00			0.13	
153.00			-2.80	
154.00			0.00	
155.00			0.15	
156.00			-5.70	
157.00			0.06	
158.00			0.10	
159.00			0.23	
160.00			0.08	
161.00			0.08	
162.00			0.10	
163.00			0.00	
164.00			0.06	
165.00			0.13	
166.00			-0.60	
167.00			-1.60	
168.00			0.13	
169.00			0.08	
170.00			0.11	
171.00			0.01	
172.00			0.13	
173.00			0.10	
174.00			0.13	
175.00			0.10	
176.00			0.33	
177.00			-0.30	
178.00			0.08	
179.00			0.03	
180.00			0.16	
181.00			-0.13	
182.00			2.21	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
183.00			0.62	
184.00			5.14	
185.00			0.25	
186.00			0.23	
187.00			2.72	
188.00			0.06	
189.00			0.16	
190.00			0.23	
191.00			0.00	
192.00			0.43	
193.00			0.05	
194.00			0.05	
195.00			0.06	
196.00			0.23	
197.00			0.15	
198.00			0.10	
199.00			0.15	
200.00			1.93	
201.00			1.09	
202.00			0.28	
203.00			0.16	
204.00			0.25	
205.00			0.50	
206.00			6.46	
207.00			1.93	
208.00			0.16	
209.00			0.89	
210.00			0.13	
211.00			0.10	
212.00			0.16	
213.00			2.40	
214.00			0.36	
215.00			1.69	
216.00			0.26	
217.00			0.42	
218.00			2.08	
219.00			0.20	
			EOH	

BOX LOG

HOLE: #REF!

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	9.74	36	143.58	147.36
2	9.74	14.00	37	147.36	151.29
3	14.00	18.30	38	151.29	155.40
4	18.30	22.04	39	155.40	159.35
5	22.04	25.70	40	159.35	163.63
6	25.70	29.88	41	163.63	167.60
7	29.88	33.67	42	167.60	171.90
8	33.67	37.73	43	171.90	175.98
9	37.73	41.88	44	175.98	179.80
10	41.88	46.09	45	179.80	183.88
11	46.09	50.09	46	183.88	187.90
12	50.09	54.12	47	187.90	191.69
13	54.12	57.52	48	191.69	195.63
14	57.52	61.60	49	195.63	199.60
15	61.60	65.30	50	199.60	203.47
16	65.30	69.16	51	203.47	207.54
17	69.16	73.05	52	207.54	210.98
18	73.05	76.77	53	210.98	214.90
19	76.77	80.77	54	214.90	218.69
20	80.77	84.36	55	218.69	219.40
21	84.36	88.28			
22	88.28	92.12			
23	92.12	96.26			
24	96.26	100.60			
25	100.60	104.48			
26	104.48	108.43			
27	108.43	112.71			
28	112.71	116.51			
29	116.51	120.40			
30	120.40	124.25			
31	124.25	128.00			
32	128.00	131.94			
33	131.94	135.79			
34	135.79	139.68			
35	139.68	143.58			

PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			383005	6888959	1418	273.41

SECTION:

HOLE: KL-10-11

CLAIM: Klaza 10

Contractor: Top Rank

Drill:

Core size: NTW (140.50m) / BTW (273.41m)

Casing depth: 6.11 (m) in / **out**

Drilling dates: August 18 - 22 2010

Geology logged by: M. Phillips

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	30	-50.0	compass				
167.70		-50.0	acid				

TARGET: TR-10-11

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	6.50	6.50	OVB	0.15 m recovery granodiorite
6.50	57.20	50.70	GRD	Local propylitic altered - phyllic veinlets and envelop
				granodiorite
57.20	67.40	10.20	VEN	Phyllic VT and envelopes - Highly Fx - Sx
67.40	110.26	42.86	GRD	Strong phyllic altered granodiorite
110.26	111.10	0.84	VEN	Larger clast Qz and Py in silicified matrix
111.10	116.50	5.40	POR	Feldspar porphyry - fine, medium grained feldspar
				phenocrysts
116.50	136.20	19.70	GRD	Argillic, fresh to slightly altered - minor Kf seen
136.20	156.06	19.86	POR	Feldspar porphyry - fine, medium grained feldspar
				minor quartz phenocrysts
156.06	165.54	9.48	GRD	Argillic - weak - moderate phyllic altered granodiorite
165.54	199.30	33.76	GRD	Strong phyllic altered granodiorite - intermittent
				veinlets - Sx and Qz
199.30	200.72	1.42	VEN	Vein zone
200.72	273.41	72.69	GRD	Phyllic altered granodiorite. Abundant Qz veinlets
				E.O.H. 273.41m

SAMPLES

Numbers: J980904 - J980939, J980940 - J980975, J980976 - J980999 and G286001 - G286013, G286014 - G286044

Total: 139

Batch: 22, 23, 24, 25 (31)

Date Sent:

Certificate: WH10191141, WH10191142, WH10191146, WH10191147

COMMENTS

GEOLOGY LOG

HOLE: KL-10-11

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
0.00	6.05	6.05				GRD	GNMD																				0.15m recovery; fresh GRD - propylitic altered.
6.11	6.30	0.19				POR	ORLT	FL				25							t	t							Fd POR, Bx lower contact; 6.30 approx.
6.30	9.14	2.84				GRD	ORLT		t	50		25							t			Li	t				Moderate argillic altered with overprint of supergene clay; weak phyllic veinlets.
9.14	23.53	14.39				GRD	GYDR		tw	tw		f	Cb	t					tw	tw		Mg	tw				Propylitic altered, GDR cut by phyllic veinlets < 0.5mm to 7 mm (average 0.5 - 1mm) Se and Py (Li), rare 1 mm Py, occuriing weak bleached envelope weak argillic (supergene over hypogene, veinlets 1/10-30cm density; supergene on Fx).
			11.92	12.17	0.25	GRD	ORLT		tw	90		100								o		Li	t				Moderate argillic; middling highly broken; contacts transitional; weak phyllic veinlets.
23.53	25.00	1.47				GRD	ORLT		50	40	o	tw							t	t							Bleached, pervasive phyllic > argillic moderate alteration.
			24.23	24.48	0.25	VEN	GYLT		95	o	w	tw			VT	55			w	w							Strong pervasive phyllic alteration - Se + Py + Qz envelope around 5mm Qz-Py veinlet.
			24.48	24.50	0.02	FLT	BNLT	SH	90						SH	70			f	f							SH - intense clay - FLT?
25.00	33.10	8.10				GRD	GNGY		t		t	tw							t			Mg	tw				Propylitic altered; very weak < 1mm - 1cm (average < 2mm) phyllic veinlets - Se - Py - Qz very weak pervasive Se, Cl and Ca.
			28.60	33.10	4.50	GRD	GNGY		40	ms	t	tw	Cb	t					tw			He	tw				Phyllic veinlets - Se, Py and Qz, < 0.5mm - 3mm, density increases with Se and Ka altered envelopes 3cm - 100cm wide; very weak pervasive Se, Cl and Ca - Propylitic.
33.10	39.81	6.71				GRD	GNGY		s	w	t	tw	Cb	tw					tw			Mg	tw				Pervasive propylitic alteration very weak - Se-Ca-CL; cut by Py-Se and Qz veinlets 1-4 mm (average 1-2 mm) with phyllic envelopes 1-50 cm wide (average 2-3 cm) and occur outter argillic (Ka>Se) alteration envelope; Mg to He in argillic altered rock.
39.81	43.00	3.19				GRD	ORGY		t	50	o	tw	Cb	tw					t	t		He	tw				Moderately bleached, fair-moderate argillic altered - Ka>Se and Bi, cut by weak phyllic Fx - Se and Py.
43.00	45.20	2.20				GRD	GNGY		L	f	t	t	Cb	t					t	t		Mg	tw				Weak phyllic - Se, Py + Qz veinlets with envelope - Se and Py 1-20 cm wide, weak argillic envelopes outside phyllic envelopes; propylitic - increase Se, CL and Ca.
45.20	47.55	2.35				GRD	ORLT		L	70	tw	t	Cb	t													Phyllic veinlet and envelopes 5mm - 15cm - Se, Py + Qz and DI Py; moderate argillic; 10cm band propylitic.
47.55	51.43	3.88				GRD	GYDK		90	m	t	t	Cb	t					ms	ms		Mg	o				Phyllic - strong, around a Py (2-5mm) Qz Cb VT 00 degrees to 20 degrees.
			50.53	50.88	0.35	BXA	ORLT	BX	o	L	s				BX	50			f	f							Bx - clasts 1-10 cm in a sand > clay matrix 10cm band on hanging wall and 6cm SHBx band on footwall middling section Bx matrix silicified, smoky >> gray quartz; Py - medium grained and very fine grained - 7-10%.
51.43	57.20	5.77				GRD	ORLT	FX	m	90	o	t			FX	25			t	t							Fx - moderate to strong - occuring narrow Bx. Fx - 56.38-57.20 - highly Fx in places Bx; argillic alteration and Bi (weak).
57.20	62.07	4.87				GRD	ORLT		30	60	t	o															Phyllic 5mm to 80cm VT and envelopes; argillic-weak-moderate, + Bi.
			58.52	58.60	0.08	VEN	GYLT		80	10	ms	o	Cb	f	VT	60											At top <5mm Cb VT - trace St, on bottom 1cm Qz > Cb VT trace St.
			58.99	59.04	0.05	VEN	MT		f	o	60	o							35	35		St	?				VEN - light gray quartz; St-t(?).
			59.14	59.15	0.01	VEN	MT		60		40								m	m							4mm phyllic VT - quartz dark gray; no very fine pyrite.
			59.32	59.39	0.07	VEN	ORLT	BX	g	o	f		Cb	60	C	80			t	t		He	t				At top 5cm Bx- clasts in Cb matrix, on bottom contact dark gray - smoky 2-4 mm quartz, looks very fine sheared and trace very fine pyrite.
62.07	67.40	5.33				GRD	GNGY		55	f	t	o	Cb	t					t			He	t				Interbanded propylitic - to 1m and pale green phyllic, conact vague, minor argillic.
			62.52	62.53	0.01	BXA	GYMD	BX	100	o	o		o		BX	60			t								Clasts 1-3 mm average 1mm in a fine grained matrik; similar to mzn veins.
			62.75	62.77	0.02	BXA	GYMD	BX			t				BX	60			t								clasts to 1.5 cm in a fine sand-clay size material as matrix, a few flecks of gray quartz.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			65.48	65.49	0.01	VEN	BK				100								o								5mm black quartz vein, looks phyllic in origin.
67.40	71.13	3.73				GRD	ORLT		f	95	t	o							t			He	tw				Argillic altered - moderate intensity, cut by weak phyllic VT and envelopes 1-2mm - 3cm (average 2mm) phyllic veinlets increase at bottom 35cm.
			67.75	68.65	0.90	GRD	GNGY		t	tw									t			Mg	tw				Propylitic altered.
71.13	73.28	2.15				GRD	GYLT	FX	95	o	w				FX	15			w	f								Strong Fx 10-20 degrees, phyllic altered - pervasive strong weak 4mm veinlets. Bottom 50cm - smoky quartz VT 1-10 mm average 2mm =3%, trace Py.
			72.20	72.60	0.40	FLT	GYDR	BX	90						C	15			f	f								FLT - top contact, slickensided surface FLT 0-20 degrees to bottom Bx - gougy Bx - strong pyrite - phyllic Py VT Bx.
			72.60	73.28	0.68	GRD	GYMD		95	o	t								tw	tw								Strong VT and pervasive phyllic alteration.
73.28	77.85	4.57				GRD	ORLT		ms	90	t	o	Cb	tw					tw	tw		He	t				Phyllic VT and envelopes 2mm - 6cm average 2cm, strong argillic alteration and Bi; phyllic increases to bottom.
			74.70	75.20	0.50	FLT	GYLT	BX		100					FLT	25			t	t								Strongly brecciated.
77.85	79.60	1.75				GRD	GYMD		90	s	f		Cb	tw					w			He	o				Very strong VT envelope phyllic, start pyrite veinlets - 2-10 mm; silicated quartz common.
79.60	85.95	6.35				GRD	ORLT		25	70	f	o	Cb	m					tw			He	o				VT and envelopes in bands 1cm to 60cm, avg. 2.5cm. Py>>Qz VT; Qz VT - silicated moderate argillic - weak DI Py - sulphidized Mg - Hc?
85.95	88.70	2.75				GRD	GYMD		95	20	f	o							tw	tw								Phyllic - medium gray bands - to 40cm, strong silication, often envelopes around Py veinlets - white altered Fd with DI 1-3% Py (sulphidized Hc?) - often sheer - very fine scericite therefore phyllic; Qz rather than vein like has blebby appearance.
			88.34	88.39	0.05	VEN	MT		o	o	L	o	Cb	ms	VT	55			65	70		St	f?	Sp	tw?		St? and Sp?
88.70	90.38	1.68				GRD	ORLT		95	5	f								tw	tw								Decreasing bands of phyllic alteration; trace To; pyrite <0.5mm, a dark gray alteration fine grained mixture of sericite - quartz or p[ervasive in-situ alteration of feldspar to sericite and disseminated pyrite; silication no well defined vein by growth of quartz into blebs; bottom 20cm transitional to propylitic.
90.38	110.26	19.88				GRD	GNGY		t	o	o	o							t	t		Mg	tw				Propylitic - Cl and Ca (t), Fd - very weak Se.
			91.22	92.41	1.19	GRD	ORLT		25	75	t	o	Cb	t					tw	tw		He	tw				25cm band strong phyllic VT and envelopes, remainder weak-moderate argillic with weak veinlet phyllic.
			93.10	93.73	0.63	GRD	ORLT		w	95	o	o							t	t		He	t				Weak argillic, mafics altered, + Kf, weak phyllic Fx Py and Py-Se VT.
			94.49	94.93	0.44	GRD	GYLT		ms	90	o	o							tw	tw		He	t				Moderate argillic - in places Ka < Sc; weak phyllic - Sc and Py.
			95.43	99.62	4.19	GRD	ORLT		90	10	t	o	Cb	t					f	f		He	o				Strong phyllic weak VT and envelope up to 8 cm wide, mostly pervasive Sc >> Ka and disseminated pyrite 2-3%; one 1cm Py VT.
			99.62	101.90	2.28	GRD	GNGY		90	o	o	o							tw	tw		He	o				Alternatin bands of bleached rock (40%) and bands of propylitic altered rock; bleached - weak - pervasive phyllic alteration and veining phyllic weak.
			101.90	103.10	1.20	GRD	ORLT		w	90	o	o	Cb	tw					t	t		He	o				Argillic alteration weak disseminated pyrite.
			103.10	103.60	0.50	GRD	ORLT		30	70			Cb	tw					t	t		He	t				Weak bleached argillic, icr Se to bottom; 15cm band phyllic - strong.
			105.20	105.81	0.61	GRD	ORLT		50	50			Cb	t					tw	tw		He	t				Argillic, bottom 30cm grades into pervasive and veinlet phyllic.
			105.81	105.86	0.05	VEN	ORLT	BX	L	o	L		Cb	60	VT	40			w	w							VEN - 20% dark gray Qz - minor very fine Py, Cb - clasts in Qz; clast POR.
			105.86	106.86	1.00	GRD	ORLT		25	75	o	o	Cb	t					tw	tw		He	t				Argillic cut by phyllic VT 2mm - 3cm VT and envelopes
			106.86	108.30	1.44	GRD	GNMD		100	o	o	o	Cb	t					w	w		He	t				Strong pervasive phyllic and weak - fair - Py VT to 3mm.
			108.30	109.86	1.56	GRD	ORLT		s	85			Cb	t					tw	tw		He	t?				Strong argillic - 20% pale green and white Sc, cut by VT and envelopes to 4cm.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			109.86	109.95	0.09	VEN	GYLT		f	o	95				VT	40			t	t								mottled light and dark gray quartz, fine grained and minor very fine grained Py.
			109.95	110.26	0.31	GRD	GYLT		95										tw	tw								Pervasive phyllic altered. Fd - white Sc and DI Py (ex He sulphidization?).
110.26	110.32	0.06				VEN	MT	BX	o	o	33	o	Cb	25	VT	50			25	tw		Sp	L	St	t			At top 2cm band of light gray quartz, below up to 1cm band MXSp and trace St; followed down below 2cm SH Cb with clast of Sp 5-30%.
			110.32	110.44	0.12	VEN	ORLT	BX		o	40		Cd	60					f	tw		Sp	w	St	t			Silicified BXA (fine Bx and matrix). Bi light and dark gray quartz, strong Cb - matrix clasts; upto 3mm band Sp and minor St on bottom contact.
						(BXA)																						
			110.44	110.54	0.10	VEN	GYDK			o	60		Cb	30					ms	ms								6cm band light and dark gray quartz cut by fracture filled Cb; 4cm silicified (matrix) Bx and Cb filling Bx.
						(BXA)																						
110.54	111.10	0.56				VEN	GYDK	BX	20		70	o	Cb	ma					tw	tw								Bx - clasts 1mm - 1cm - larger clast Qz and Py in a silicified matrix, Cb clasts.
						(BXA)																						
			110.61	110.68	0.07	POR	BNLT			100					C	40												Irregular upper and lower contact planar.
			110.68	111.10	0.42	BXA	GYMD	BX			40								w	w								Clasts to 1cm, increasing to 3cm 110.90m, upper section silicified, clasts look like phyllic altered GRD.
						(VEN)																						
111.10	116.50	5.40				POR	TN			100			Cb	t	C	40												Feldspar porphyry, fine-medium Fd phenocrysts, below 112m - minor fine and medium grained Qz phenocrysts.
			115.14	115.17	0.03	POR	FLT	BX							FLT	25												Fine Bx.
			116.41	116.50	0.09	VEN	GYMD				50		Cb	s	C	50			38	36		Sp	tw					Top 1cm Bx - Cb and smoky quartz with fine pyrite; below light and medium gray Qz with strong coarse Py.
116.50	118.95	2.45				GRD	GYMD		95	o	o		Cb	w					f	f								Strong phyllic, outside veining Fd alt to white Sc and 3-5% DI Py.
			116.69	116.82	0.13	VEN	ORLT		20		25		Cb	55	VT	40			tw	tw		St	t					light gray Qz - St in Cb.
			117.55	118.95	1.40	GRD	ORLT		1	80			Cb	t					t			He	t					moderate argillic cut by 1-25 cm veins of phyllic alteration.
118.95	125.30	6.35				GRD	ORLT		s		90	t	o	Cb					w	w		He	t					Strong argillic - wide patches 2-3% DI Py (sulfadation Mg-He?); phyllic - VT 1-15 cm.
			122.18	122.67	0.49			FX																				Fx common - 10-40 degree slickensided, occasional weak narrow Bx.
			123.91	123.96	0.05	FLT		BX		f																		<3mm clasts - clast supported weak clay matrix.
125.30	130.19	4.89				POR	BNLT		o	100	o		Cb	t	C	70			o	o								Feldspar porphyry - fine > medium grained Fd phenocryst, minor Qz phenocrysts, upper contact sharp - 70 degrees > lower contact irregular 15 and 50 degrees.
130.19	134.11	3.92				GRD	ORLT		tw		95								t	t		He	t					Strong argillic, weak patches Ka to Se - pale green.
			130.95	131.06	0.11			FX							FX	10												Strong Fx, weak narrow Bx.
			132.10	132.95	0.85	GRD	GNGY		s	f									t	t		Mg	tw					Propylitic Ca, Cl and Se (very weak), 15cm patch stronger Se and weak Cy.
			133.66	133.95	0.29	GRD		FX																				weak Fx increasing bleaching.
			133.95	133.97	0.02	VEN	GYDK	BX	o	o	95				VT	25			t	t								1cm (true width) silicified Bx - very fine clasts, minor very fine pyrite.
			133.97	134.11	0.14	POR	GYLT	BX							C	45												Bx clasts to 2cm in a coarse sand-clay size material matrix; lower contact 45 degrees.
134.11	136.62	2.51				GRD	ORLT		t		95	o							t	t		He	t					Argillic, Se common in narrow band below upper contact; below 134.84m Bi - fresh to slightly altered, minor Kf seen.
			135.64	136.62	0.98			FX																				Upper 25cm strong bands of microbreccia, below strong Fx to bottom, Fx Bx common increase bleaching and Se to bottom.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
136.62	138.37	1.75				POR	GYLT	BX	o	90									o	o							Bx - intense often gougy; clasts GRD 2 - 10 mm occasionally present.
			137.16	139.37	2.21	POR	BNLT	BX	t				Cb	t					t	t							Bx variable microbreccia to Bx 6cm clasts, feldspar porphyry; on bottom contact 11cm band - 50% clasts to 4cm (phyllic altered GRD) in a POR matrix; bottom contact 50 degrees?
139.37	140.61	1.24				GRD	GYLT		45	55	o	o	Cb	t					t			He	t				Argillic - in places Sc > Ka.
140.61	140.90	0.29				VEN POR	BNLT	BX	?	75	25								f	f							Clasts VEN Qz + Py in POR and Bx POR.
140.90	143.36	2.46				POR	BNLT								C	70											Feldspar porphyry, lower contact 70 degrees sharp.
			140.90	141.39	0.49			BX																			Weak Bx; 142.67 - 12cm clast GRD.
143.36	145.92	2.56				GRD	ORLT		t	90			Cb	t					t	t		He	t				In places Sc > Ka; weak phyllic veinlets.
			143.36	143.85	0.49	GRD	GYMD		90	10	o								t	t							Strong veinlet and envelope phyllic, decreasing to bottom contact.
			144.22	144.23	0.01	BXA	GYLT																				< 1mm clasts in a soft gray aphanitic matrix - Sc?
145.92	156.06	10.14				POR	GYLT	BR											t								Bleached to 150.69; below 153.50 trace clay altered CL? - exHb - GRD.
			145.92	146.27	0.35			BX																			Crackle Bx, narrow bands weak Bx.
			146.95	148.30	1.35			BX																			Crackle Bx, 30cm band Bx - weak.
			148.55	148.69	0.14	VEN	WH				s								o	o							Erratic <5mm chalcedonic Qz VT, at top on 25 degree vein fault; feldspar porphyry.
			155.18	155.90	0.72			BX																			Conjugate 10 degrees = 1cm Bx.
			156.06	156.17	0.11			BX																			weak Bx to crackle Bx.
			157.95	158.28	0.33	GRD	GNGY		80	20									t	t		Mg	o				Zenolith in POR; pervasive and veinlet strong phyllic alteration.
			158.90	159.06	0.16	POR		BX																			Bx - stronger to bottom - highly sheered.
159.06	160.87	1.81				GRD	GYLT		tw	90	o		Cb	t					t	t		He	t				Argillic - weak - moderate; phyllic - veinlets envelopes to 1cm.
			159.06	159.22	0.16	GRD	GNDK		90	10	t								tw	tw							Strong pervasive phyllic - Se - Py.
			159.49	159.50	0.01	BXA	GYDR	BX	?										t	t							7mm 85 degree Bx - fine sand to 2mm clasts in a gray soft matrix (Se?).
			159.85	160.12	0.27	FLT	ORLT	BX							FLT	30											At top fault plane, below strong Bx - decreasing to bottom contact.
			160.27	160.47	0.20	FLT	ORLT	BX							FLT	20											Weak Bx.
160.87	164.00	3.13				GRD	GYDK		75	10	t		Cb	t					tw	tw							15% 14 and 25cm bands of propylitic; strong veinlet and envelope and pervasive (Se > Ka) phyllic alteration; at 162.50 Qz VT sin 30cm band, x-cuts phyllic VT.
164.00	165.54	1.54				GRD	ORLT		90	10	o	o	Cb	tw					tw	tw							10% VT and envelope phyllic, strong pervasive phyllic Se >> Ka.
165.54	166.17	0.63				VEN									VN	60											
			165.57	166.76	1.19	VEN	MT				50		Cb	40					s	s		St	t				5mm Cb on top contact; below 5cm medium gray Qz and Py; below Bx - vuggy, Cb matrix strong, below 5cm dark gray Qz and Py (strong) and below Bx - clast Grd with gray chalcedon quartz and strong Cb thin gouge on bottom contact - 30 degrees.
			165.76	165.92	0.16	GRD	GYDK		90	10									tw	tw							Strong phyllic.
			165.92	166.17	0.25	VEN?	GYDK		10		80		Cb	10					tw	tw							80% dark gray quartz flooded - looks more like silicated quartz; bottom contact thin band gougy 30 degrees.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
166.17	168.67	2.50				POR	BNMD		o	90	o	o							o	o							Feldspar porphyry; lower contact 55 degrees.
168.67	168.74	0.07				VEN	GYMD	BX			90		Cb	f					w	w							Bx Qz, Qz - medium gray, Cb matrix, lower contact 45 degrees.
168.74	177.96	9.22				GRD	ORLT		25	70	o	o	Cb	t					tw	tw		He	tw				Argillic cut by veinlet and envelope to 20cm bands phyllic alteration.
			172.79	172.86	0.07	VEN	GYDK		m		90				VT	75			l	L							VEN - medium - dark gray quartz (silicified Bx); above VEN 6cm phyllic QZ VT.
			173.73	173.74	0.01	VEN	MT												100								1cm Py VT.
			173.86	173.92	0.06	VEN	GYMD	BX	o	o	40	o	Cb	45					s	s							Clasts Qz and Py in Cb.
			177.34	177.42	0.08	VEN	BK	BX	50		50								tw	tw							Silicated Bx - phyllic vein.
			177.42	177.96	0.54	BXA	GYMD	BX	50		25		Cb	tw					tw	tw							Weak Bx, clast weak smoky quartz.
177.96	178.25	0.29				POR	BNLT			90					C	50			o	o							Fd porphyry, lower contact 50 degrees.
178.25	179.23	0.98				GRD	GYLT	FX	tw	90	o								tw	tw		tw	o				Bx weak to 178.40; below strong Fx; moderate argillic Ka >> Sc.
179.23	179.50	0.27				POR	BNLT								C	50											Fd porphyry; chilled upper contact 50 degrees; lower contact 60 degrees.
			179.31	179.44	0.13	BXA	GYMD	BX	o	30	o	o							o	o							Fine clasts in a clay matrix.
179.50	179.59	0.09				VEN	MT	BX	20		70	o	Cb	ms					L	L		He	o				Upper band 6 to 9 cm wide, weak Bx, clasts altered porphyry, Qz - light gray to smoky (40 degrees).
179.59	179.63	0.04				POR	BNLT	BX	ms		ms				C	70			t	t							POR with clasts of phyllic altered GRD up to 3cm, clasts Qz - light gray phyllic.
179.63	183.60	3.97				GRD	ORLT		L	80	o	o							tw	tw		He	tw				Moderate argillic
			181.97	182.48	0.51	GRD	GNGY		tw																		Propylitic altered.
			182.69	182.74	0.05	VEN	MT				25				VT	65			75	75							
183.60	188.74	5.14				GRD	GNGY		tw	tw	t								t			Mg	tw				Propylitic altered - contacts transition, very weak phyllic veinlets.
			185.45	188.45	3.00	GRD	ORLT	FX	tw	90	o	o	Cb	t					t	t		He	t				186.0 - 187.5 - strong Fx - 0.5 to 20 degrees; very weak DI Py - sulphidization He moderate to strong argillic.
			188.45	188.74	0.29	GRD	GYDK		90	o	o	o							tw	tw							Strong Fx and pervasive phyllic alteration.
188.74	189.72	0.98				BXA	GYDK	BX	o	o	90		Cb	t					w	w							At top light gray Qz in smoky silicified quartz matrix; below 188.84 clasts of smoky silicified matrix.
			188.96	189.19	0.23	GRD	GYLT		90	o	o	o							tw	tw							Strong pervasive phyllic - Se - white mica and weak DI Py.
			189.19	189.49	0.30	VEN	MT	MX			30		Cb	ms	VN	60			60	60							Massive Py in light gray Qz; Cb - Bx matrix.
			189.49	189.72	0.23	GRD	GYMD		90	o	o	o	o						tw	tw							Strong pervasive phyllic - Fd pale green to white and DI Py.
189.72	194.78	5.06				GRD	ORLT		f	90	t	o							tw	tw							Strong argillic occasional Ka to Se present; phyllic veinlets and envelope.
			190.28	190.29	0.01	VEN	MT				50				VN	60			50	50							1.0 - 1.5 gray Qz and Py.
			192.08	192.47	0.39	GRD	GNGY		tw	ms	o	o							t	t		Mg	tw				Hb to dark green clay. Fd - very weak pervasive Sc.
			193.00	194.78	1.78	GRD	GNGY		w	w	o								t	t		Mg	tw				Propylitic altered cut by VT and envelopes of Sc and Py.
194.78	199.29	4.51				GRD	ORLT		L	90	o	o	Cb	t					tw	tw		He	t				Strong argillic cut by VT to envelopes and bands to 20cm phyllic alteration.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			195.35	195.36	0.01	VEN	GYLT				80		Cb	ms	VT	30			o								5mm - 1cm Qz VT - VEN?
			195.50	195.51	0.01	FX																					1-2 mm Py - St filled fracture.
			197.19	197.21	0.02	VEN	MT				35				VT	70			65	65							1.5 - 2.5 cm width, light gray Qz.
			198.60	199.06	0.46	GRD	GYLT	FX																			Strong FX - 10-30 degrees, <5mm fine Bx on Fx common.
			199.06	199.29	0.23	GRD	BXA	BX																			Clasts up to 5cm - phyllic - Qz-Se, upper contact 65 degrees, lower contact 75 degrees matrix - grit to clay Bx matrix.
199.30	200.72	1.42				VEN																					Vein zone.
			199.30	199.39	0.09	VEN	MT	SH	50		o	o	Cb	ms	VN	65			40	30		Sp	ms				At top contact 3-5 mm dark green fine Bx - Sc matrix and <1mm clasts GRD; 3 irregular SH lenses 5-15mm wide MA - Sp and Py; lenses seperated by phyllic altered GRD; Sp - blackjack variety > honey coloured variety.
			199.39	199.65	0.26	GRD	GYLT		90										tw	tw							Strong pervasive phyllic with 1-2mm Py veinlets.
			199.65	199.70	0.05	VEN	MT				50				VN	55			50	40		Sp?	ms				Light gray Qz.
			199.70	199.84	0.14	GRD	GYLT		90										tw	tw							Strong veinlet and pervasive phyllic alteration.
			199.84	199.90	0.06	VEN	MT		ms		30		Cb	s					30	s		Sp	L				VEN 3.5 to 6cm wide; near top 1.5 - 2.5cm band Sp >> Py and Cb.
			199.90	200.02	0.12	GRD	GYDK		50		ms		Cb	40	BX	60											At top and near bottom 3cm bands with clasts of phyllic GRD and minor light brown Sp midding strong phyllic GRD; Qz looks phyllic; at top contact 5mm black silicified very fine Bx.
			200.02	200.42	0.40	GRD	GYDK		80	10	tw								tw	tw							Strong phyllic alteration.
			200.42	200.49	0.07	VEN	GYMD		90	o	ms				VT	45			f	f							Silicated blebby quartz ex phyllic alteration.
			200.49	200.70	0.21	GRD	GYMD		90										tw	tw							Strong phyllic.
			200.70	200.72	0.02	VEN	MT				60								40	40							Light gray quartz.
200.72	201.37	0.65				GRD	GYMD		L		90	o	o						tw	tw							Argillic altered, bottom contact transitional; phyllic Py VT and <5cm envelopes.
201.37	205.13	3.76				GRD	GNGY		f	f	o		Ca	t					t	t		Mg	tw				Propylitic - typical very weak Se PL and CL and Ca and bands PL - strong Se; very weak phyllic veinlets and envelopes.
205.13	221.42	16.29				GRD	GYLT		t	o	o	o							t	t		Mg	tw				Lighter colour PL not altered by Se, propylitic - CL, Ca VT, trace Ep; very weak phyllic Py - Sc veinlets.
			210.80	211.02	0.22	GRD	GNDK		25	o	o	o	Cb	f					t	t		Mg	o				Weak phyllic - PL to Sc, Kf - stable, mafics - present to altered, propylitic alteration facies.
			213.58	216.00	2.42	GRD	GNDK		50	s	o	o	Ca	t					t	t		Mg	t				Increasing Py - Sc veinlets with dark Sc envelope; Kf - stable; 40cm band - mod argillic.
			218.53	218.59	0.06	VEN	MT				65				VT	55			35	35		Cp	tw				White quartz; vein 10cm in hanging wall and footwall strong phyllic alteration - Sc and Py.
			218.69	219.00	0.31	GRD	ORLT		s		50	o	o						t	t		He	t				Bleached, fair - moderate phyllic alteration.
221.42	225.50	4.08				GRD	GNGY		t	o	o	o	Cb	t					t	t		Mg	w				Dark GRD - weak Sc on PL; Propylitic Se, Cl and Ca, two bands 15cm each mod Sc replacing PL; weak phyllic veinlets.
225.50	238.88	13.38				GRD	GYLT		t										t	t		Mg	tw				Pl unaltered propylitic - Cl (weak) and Ca VT, trace <0.5mm Py and Se; trace epidote.
			227.09	227.44	0.35	GRD	GYGN		50	50									tw			Mg	o				18cm band - strong phyllic - VT Py and Sc and envelope and outter strong argillic.
			228.92	229.17	0.25	GRD	GNDK		90	o	o	o							tw			Mg	o				Phyllic - Py - Se veinlets and Se envelopes.
			229.49	230.24	0.75	GRD	GNDK		50				Ca	w					tw			Mg	tw				50% bands to 15cm fair phyllic alteration in greenish gray GRD.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							PHOTO	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Phyllic	Clay	Silica	Oxidation	Type	Intensity	Type	Attitude (tca)	Width (cm)	Density (frequency/m)	Total Metals	Pyrite	Arsenopyrite	Type	Intensity	Type	Intensity		
			233.00	233.01	0.01	VT					85				VT	80			s	s							7mm Qz - Py VT with a 4cm phyllic envelope.
			236.89	237.73	0.84	VEN	MT		tw	o	tw				VT	75			tw	tw		Mg	tw				At top and bottom 5-7 mm Qz - Py VT middling increase phyllic Se - Py VTs, Kf interstitial and 2-3 mm veinlet (secondary)
238.88	239.73	0.85				GRD	GYMD		s	t	tw	o							tw	tw		Mg	tw				Increase <1mm Py-Sc VTs, very weak pervasive phyllic on PL, 20cm phyllic envelope on Qz VEN trace Ep.
			239.26	239.34	0.08	VEN	GYWH		ms	o	80	o	Ca	t	VN	65			ms	ms							VEN - white quartz; 20cm phyllic envelope.
239.73	242.44	2.71				GRD	GYMD		L	o	o	o	Ca	t					t	t		Mg	tw				Slightly darker but PL - no Sc, towards bottom increased phyllic VT and bands upto 40cm PL- weak pervasive Se.
			241.26	241.27	0.01	VEN	MT		o	o	L		To	f					70	70	o						7mm Py - Qz - To (weak) VEN with 8cm phyllic envelope.
242.44	246.10	3.66				GBR	ORLT		ms	90	o	o							t	t		He	t				Bleached; weak-moderate argillic Ka and Bi and Kf.
			244.67	244.72	0.05	VEN	GYLT	BX	o	90	?								tw	tw							At top contact black 2-4mm wide fine breccia, soft dark clasts <0.5 - 1mm in a soft (clay?) matrix trace Py; below Br GRD - highly bleached - looks like porphyry.
246.10	250.14	4.04				GRD	GYMD		tw	o	o	o							t	t		Mg	tw				Mostly GYMD occuring < 30cm bands GYLT; propylitic CL and Ca VT, very weak phyllic VT and envelope PL - very minor Sc.
250.14	254.60	4.46				GRD	ORLT		ms	70	t		Cb	t					t	t		He	tw				Bleached, weak - moderate argillic + Bi; 10% pervasive phyllic - KA < Se; 20cm band propylitic.
			251.13	251.35	0.22	GRD	GNLT	SH	80	o	f	o	Cb	tw					t	t		o	o				Phyllic altered; SH - weak Br upper 15cm - dark gray silicious fine Bx 1-5 mm shears.
			252.93	252.95	0.02	VEN	GYLT				90		Cb	ms					o	o		o	o				2cm chalcedon quartz vein.
254.60	258.17	3.57				GRD	GNGY		25	o	o	o	Cb	tw					t	t		Mg	tw				Propylitic; PL - very weak Se in parts greenish in colour and CL and Cb VTs; 10 and 77 cm bands PL to Se with mafics stable.
258.17	263.00	4.83				GRD	GYLT		15	o	o	o	Cb	t					t	t		Mg	tw				Alternating bands of light gray GDR - PL not altered to Se to greenish gray GDR where PL weak occuring moderately altered PL to Se; weak VT phyllic.
263.00	273.41	10.41							t	o	o								t	t		Mg	tw				Light gray PL - no Se, rare Py - Qz Vt and Se envelope.
			270.83	271.77	0.94	GRD	GNGY		ms	o	t	o	Cb	tw	VT	70			tw	tw		Mg	o				Increasing phyllic VTs Qz - Py Se and Cb VT, between VTs strong pervasive Se and CL - porpylitic alteration.

273.41 E.O.H.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

SAMPLE LOG

HOLE: KL-10-11

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
6.11	9.14	3.03			J980904	22					No recovery to 6.11 (casing?)
9.14	12.19	3.05			J980905	22					
12.19	15.24	3.05			J980906	22					
15.24	18.29	3.05			J980907	22					
15.24	18.29	3.05			J980908	22					1/4 core sample split
18.29	21.34	3.05			J980909	22					
21.34	24.00	2.66			J980910	22					
24.00	25.00	1.00	1.00	1.00	J980911	22					
25.00	27.43	2.43			J980912	22					
27.43	30.48	3.05			J980913	22					
30.48	33.53	3.05			J980914	22					
at	33.53				J980915	22					Standard: PL 2
33.53	36.58	3.05			J980916	22					
36.58	39.62	3.04			J980917	22					
39.62	42.67	3.05			J980918	22					
42.67	45.72	3.05			J980919	22					
45.72	48.77	3.05			J980920	22					
48.77	50.50	1.73			J980921	22					
50.50	51.50	1.00	1.00	1.00	J980922	22					
at	51.50				J980923	22					Blank
51.50	54.86	3.36			J980924	22					
54.86	57.50	2.64			J980925	22					
57.50	58.50	1.00			J980926	22					
58.50	59.50	1.00	1.00	1.00	J980927	22					
59.50	60.96	1.46			J980928	22					
at	60.96				J980929	22					Standard: CDN-SE-1
60.96	64.01	3.05			J980930	22					
64.01	67.06	3.05			J980931	22					
67.06	70.10	3.04			J980932	22					
at	70.10				J980933	22					Blank
70.10	71.10	1.00			J980934	22					
71.10	72.70	1.60	1.15	0.72	J980935	22					
72.70	73.70	1.00			J980936	22					
73.70	76.20	2.50			J980937	22					
76.20	79.25	3.05			J980938	22					
79.25	82.30	3.05			J980939	22					
82.30	85.34	3.04			J980940	23					
85.34	88.00	2.66			J980941	23					
88.00	89.00	1.00	1.00	1.00	J980942	23					
89.00	91.44	2.44			J980943	23					
at	91.44				J980944	23					Blank
91.44	94.49	3.05			J980945	23					
94.49	97.54	3.05			J980946	23					
97.54	100.58	3.04			J980947	23					
100.58	103.63	3.05			J980948	23					
103.63	105.70	2.07			J980949	23					
105.70	106.70	1.00	1.00	1.00	J980950	23					
106.70	109.20	2.50			J980951	23					
109.20	110.20	1.00	1.00	1.00	J980952	23					
110.20	111.20	1.00	1.00	1.00	J980953	23					
at	111.20				J980954	23					Standard: PL 2
111.20	112.78	1.58			J980955	23					
112.78	115.90	3.12			J980956	23					
115.90	116.90	1.00	1.00	1.00	J980957	23					
116.90	118.87	1.97			J980958	23					
118.87	121.92	3.05			J980959	23					
121.92	124.97	3.05			J980960	23					
at	124.97				J980961	23					Blank
124.97	128.02	3.05			J980962	23					
128.02	131.06	3.04			J980963	23					
131.06	133.25	2.19			J980964	23					
133.25	134.25	1.00	1.00	1.00	J980965	23					
at	134.25				J980966	23					Standard: CDN-SE-1
134.25	137.16	2.91			J980967	23					
137.16	140.21	3.05			J980968	23					
140.21	141.21	1.00	1.00	1.00	J980969	23					
141.21	142.34	1.13			J980970	23					
142.34	145.39	3.05			J980971	23					
145.39	148.44	3.05			J980972	23					
148.44	151.49	3.05			J980973	23					
151.49	154.43	2.94			J980974	23					
154.43	154.53	0.10			J980975	23					1/4 core sample split
154.53	157.58	3.05			J980976	24					
157.58	160.63	3.05			J980977	24					

SAMPLE LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Bi (ppm)	Comments
160.63	163.68	3.05			J980978	24					
163.68	165.50	1.82			J980979	24					
165.50	166.50	1.00	1.00	1.00	J980980	24					
166.50	168.00	1.50			J980981	24					
168.00	169.00	1.00	1.00	1.00	J980982	24					
at	169.00				J980983	24					Blank
169.00	171.00	2.00			J980984	24					
171.00	172.50	1.50			J980985	24					
172.50	173.50	1.00	1.00	1.00	J980986	24					
173.50	174.50	1.00	1.00	1.00	J980987	24					
174.50	176.00	1.50			J980988	24					
176.00	177.00	1.00			J980989	24					
177.00	178.00	1.00	1.00	1.00	J980990	24					
at	178.00				J980991	24					Standard: PL 2
178.00	179.00	1.00			J980992	24					
179.00	180.00	1.00	1.00	1.00	J980993	24					
180.00	182.00	2.00			J980994	24					
182.00	183.00	1.00	1.00	1.00	J980995	24					
183.00	185.01	2.01			J980996	24					
at	185.01				J980997	24					Standard: CDN-SE-1
185.01	188.06	3.05			J980998	24					
188.06	188.66	0.60			J980999	24					
188.66	189.60	0.94	1.00	1.06	***G286001***	24					
189.60	190.60	1.00			***G286002***	24					
190.60	193.60	3.00			***G286004***	24					
193.60	195.00	1.40			***G286005***	24					
195.00	196.00	1.00	1.00	1.00	***G286006***	24					
196.00	197.00	1.00			***G286007***	24					
197.00	198.00	1.00	1.00	1.00	***G286008***	24					
at	198.00				***G286009***	24					Blank
198.00	199.20	1.20			***G286010***	24					
199.20	200.20	1.00	1.00	1.00	***G286011***	24					
200.20	201.20	1.00	1.00	1.00	***G286012***	24					
201.20	203.30	2.10			***G286013***	24					
203.30	206.35	3.05			***G286014***	25					
203.30	206.35	3.05			***G286015***	25					1/4 core sample split
206.35	209.40	3.05			***G286016***	25					
209.40	212.45	3.05			***G286017***	25					
at	212.45				***G286018***	25					Standard: PL 2
212.45	215.49	3.04			***G286019***	25					
215.49	218.00	2.51			***G286020***	25					
218.00	219.00	1.00	1.00	1.00	***G286021***	25					
219.00	221.59	2.59			***G286022***	25					
221.59	224.64	3.05			***G286023***	25					
224.64	227.69	3.05			***G286024***	25					
227.69	230.73	3.04			***G286025***	25					
at	230.73				***G286026***	25					Standard: CDN-SE-1
230.73	233.78	3.05			***G286027***	25					
233.78	236.83	3.05			***G286028***	25					
236.83	238.88	2.05			***G286029***	25					
238.88	239.88	1.00	1.00	1.00	***G286030***	25					
at	239.88				***G286031***	25					Blank
239.88	242.93	3.05			***G286032***	25					
242.93	245.97	3.04			***G286033***	25					
245.97	249.02	3.05			***G286034***	25					
249.02	252.07	3.05			***G286035***	25					
252.07	255.12	3.05			***G286036***	25					
252.07	255.12	3.05			***G286037***	25					1/4 core sample split
255.12	258.17	3.05			***G286038***	25					
258.17	261.21	3.04			***G286039***	25					
261.21	264.26	3.05			***G286040***	25					
264.26	267.31	3.05			***G286041***	25					
267.31	270.36	3.05			***G286042***	25					
at	270.36				***G286043***	25					Blank
270.36	273.41	3.05			***G286044***	25					

273.41 E.O.H.

GEOTECHNICAL LOG

HOLE: KL-10-11

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	6.10	6.1	0.20	3.28	0.00	0.00				
6.10	9.10	3.0	2.20	73.33	0.64	21.33	S	SW		
9.10	12.20	3.1	3.01	97.10	2.43	78.39	S	FR		
12.20	15.20	3.0	2.86	95.33	1.66	55.33	VS	SW		
15.20	18.30	3.1	3.10	100.00	2.79	90.00	S	FR		
18.30	21.30	3.0	2.96	98.67	1.97	65.67	VS	FR		
21.30	24.40	3.1	3.05	98.39	1.55	50.00	S	FR		
24.40	27.40	3.0	2.98	99.33	1.73	57.67	S	FR		
27.40	30.50	3.1	3.01	97.10	2.36	76.13	S	FR		
30.50	33.50	3.0	2.98	99.33	2.43	81.00	S	FR		
33.50	36.60	3.1	3.11	100.32	2.37	76.45	S	FR		
36.60	39.60	3.0	2.95	98.33	2.71	90.33	VS	FR		
39.60	42.70	3.1	2.96	95.48	1.82	58.71	S	FR		
42.70	45.70	3.0	3.14	104.67	2.27	75.67	VS	FR		
45.70	48.80	3.1	3.09	99.68	2.55	82.26	S	FR		
48.80	51.80	3.0	3.05	101.67	0.99	33.00	S	SW		
51.80	54.90	3.1	2.75	88.71	0.75	24.19	MS	SW		
54.90	57.90	3.0	2.94	98.00	0.58	19.33	S	FR		
57.90	61.00	3.1	3.11	100.32	2.60	83.87	S	FR		
61.00	64.00	3.0	3.02	100.67	2.04	68.00	S	FR		
64.00	67.10	3.1	3.10	100.00	2.56	82.58	S	FR		
67.10	70.10	3.0	3.04	101.33	2.82	94.00	S	FR		
70.10	73.20	3.1	2.84	91.61	1.00	32.26	S	FR		
73.20	76.20	3.0	3.05	101.67	2.22	74.00	S	FR		
76.20	79.20	3.0	3.08	102.67	2.48	82.67	S	FR		
79.20	82.30	3.1	3.03	97.74	1.93	62.26	S	FR		
82.30	85.30	3.0	3.02	100.67	2.62	87.33	S	FR		
85.30	88.40	3.1	3.13	100.97	2.91	93.87	VS	FR		
88.40	91.40	3.0	3.10	103.33	2.82	94.00	VS	FR		
91.40	94.50	3.1	3.02	97.42	2.91	93.87	VS	FR		
94.50	97.50	3.0	3.08	102.67	2.65	88.33	VS	FR		
97.50	100.60	3.1	3.06	98.71	2.74	88.39	S	FR		
100.60	103.60	3.0	3.00	100.00	2.76	92.00	S	FR		
103.60	106.70	3.1	3.06	98.71	2.40	77.42	S	FR		
106.70	109.70	3.0	3.04	101.33	2.83	94.33	S	FR		
109.70	112.80	3.1	3.01	97.10	1.68	54.19	VS	FR		
112.80	115.80	3.0	3.09	103.00	1.50	50.00	S	FR		
115.80	118.90	3.1	3.10	100.00	1.43	46.13	VS	FR		
118.90	121.90	3.0	3.97	132.33	2.34	78.00	S	FR		
121.90	125.00	3.1	3.11	100.32	1.60	51.61	S	FR		
125.00	128.00	3.0	3.05	101.67	2.10	70.00	S	FR		
128.00	131.00	3.0	3.10	103.33	1.19	39.67	S	FR		
131.00	134.10	3.1	3.00	96.77	1.65	53.23	S	FR		
134.10	137.20	3.1	3.09	99.68	1.03	33.23	S	SW		
137.20	140.20	3.0	3.10	103.33	0.90	30.00	MS	SW		
140.20	142.30	2.1	1.75	83.33	0.69	32.86	S	FR		
142.30	145.40	3.1	3.04	98.06	1.62	52.26	S	FR		
145.40	148.40	3.0	3.02	100.67	0.93	31.00	S	FR		
148.40	151.50	3.1	3.10	100.00	2.06	66.45	S	FR		
151.50	154.50	3.0	3.07	102.33	2.86	95.33	S	FR		
154.50	157.60	3.1	3.01	97.10	1.13	36.45	S	FR		
157.60	160.60	3.0	3.08	102.67	1.91	63.67	S	FR		
160.60	163.70	3.1	3.12	100.65	1.76	56.77	S	FR		
163.70	166.70	3.0	3.05	101.67	2.35	78.33	S	FR		
166.70	169.80	3.1	2.95	95.16	2.39	77.10	S	FR		
169.80	172.80	3.0	3.01	100.33	2.43	81.00	S	FR		
172.80	175.90	3.1	3.08	99.35	2.75	88.71	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
175.90	178.90	3.0	2.98	99.33	1.99	66.33	S	FR		
178.90	182.00	3.1	2.92	94.19	2.36	76.13	S	FR		
182.00	185.00	3.0	3.10	103.33	2.63	87.67	S	FR		
185.00	188.10	3.1	2.98	96.13	1.48	47.74	S	FR		
188.10	191.10	3.0	3.11	103.67	1.36	45.33	S	FR		
191.10	194.20	3.1	3.10	100.00	2.47	79.68	S	FR		
194.20	197.20	3.0	3.02	100.67	2.22	74.00	S	FR		
197.20	200.30	3.1	3.08	99.35	2.00	64.52	S	FR		
200.30	203.30	3.0	3.07	102.33	2.45	81.67	S	FR		
203.30	206.30	3.0	3.00	100.00	2.03	67.67	S	FR		
206.30	209.40	3.1	3.10	100.00	3.00	96.77	S	FR		
209.40	212.40	3.0	3.00	100.00	2.66	88.67	S	FR		
212.40	215.50	3.1	2.99	96.45	1.70	54.84	S	FR		
215.50	218.50	3.0	3.01	100.33	2.54	84.67	S	FR		
218.50	221.60	3.1	3.10	100.00	2.73	88.06	S	FR		
221.60	224.60	3.0	3.00	100.00	2.40	80.00	S	FR		
224.60	227.70	3.1	3.10	100.00	2.75	88.71	S	FR		
227.70	230.70	3.0	3.05	101.67	2.71	90.33	S	FR		
230.70	233.80	3.1	3.02	97.42	2.90	93.55	S	FR		
233.80	236.80	3.0	3.01	100.33	2.49	83.00	S	FR		
236.80	239.90	3.1	3.02	97.42	2.72	87.74	S	FR		
239.90	243.00	3.1	3.06	98.71	2.99	96.45	S	FR		
243.00	246.00	3.0	3.10	103.33	2.71	90.33	S	FR		
246.00	249.00	3.0	3.00	100.00	2.57	85.67	S	FR		
249.00	252.10	3.1	3.01	97.10	2.33	75.16	S	FR		
252.10	255.10	3.0	3.04	101.33	2.43	81.00	S	FR		
255.10	258.20	3.1	2.95	95.16	2.55	82.26	S	FR		
258.20	261.20	3.0	3.00	100.00	2.34	78.00	S	FR		
261.20	264.30	3.1	3.11	100.32	2.69	86.77	S	FR		
264.30	267.30	3.0	2.95	98.33	2.70	90.00	S	FR		
267.30	270.40	3.1	3.05	98.39	2.00	64.52	S	FR		
270.40	273.40	3.0	3.03	101.00	2.60	86.67	S	FR		
	EOH									

MAGNETIC SUSCEPTIBILITY LOG

HOLE:

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00				
2.00				
3.00				
4.00				
5.00				
6.00			1.86	
7.00			0.36	
8.00			0.26	
9.00			0.35	
10.00			0.40	
11.00			0.89	
12.00			-0.30	
13.00			0.82	
14.00			0.85	
15.00			8.38	
16.00			0.11	
17.00			15.80	
18.00			15.60	
19.00			11.90	
20.00			11.50	
21.00			1.42	
22.00			0.18	
23.00			0.50	
24.00			0.21	
25.00			0.20	
26.00			14.90	
27.00			9.13	
28.00			7.34	
29.00			0.38	
30.00			0.18	
31.00			0.10	
32.00			0.13	
33.00			0.15	
34.00			10.50	
35.00			1.42	
36.00			5.42	
37.00			8.83	
38.00			-4.70	
39.00			5.54	
40.00			0.20	
41.00			-6.50	
42.00			0.15	
43.00			0.84	
44.00			3.49	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.26	
46.00			0.13	
47.00			0.63	
48.00			0.40	
49.00			0.18	
50.00			0.10	
51.00			0.08	
52.00			0.15	
53.00			0.28	
54.00			0.25	
55.00			0.25	
56.00			0.26	
57.00			0.25	
58.00			0.21	
59.00			0.13	
60.00			0.18	
61.00			0.15	
62.00			0.33	
63.00			0.25	
64.00			1.96	
65.00			0.87	
66.00			0.52	
67.00			11.20	
68.00			0.33	
69.00			0.20	
70.00			0.33	
71.00			0.20	
72.00			0.23	
73.00			0.15	
74.00			0.21	
75.00			0.23	
76.00			0.45	
77.00			0.28	
78.00			0.15	
79.00			0.23	
80.00			0.26	
81.00			0.21	
82.00			0.15	
83.00			0.16	
84.00			-0.50	
85.00			0.21	
86.00			0.11	
87.00			0.05	
88.00			-5.80	
89.00			0.08	
90.00			0.18	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			8.76	
92.00			0.18	
93.00			0.65	
94.00			0.28	
95.00			2.83	
96.00			0.03	
97.00			0.10	
98.00			0.08	
99.00			-1.80	
100.00			0.18	
101.00			0.10	
102.00			0.20	
103.00			0.18	
104.00			0.53	
105.00			3.12	
106.00			0.31	
107.00			0.11	
108.00			0.18	
109.00			0.35	
110.00			0.10	
111.00			-0.20	
112.00			0.15	
113.00			0.45	
114.00			0.08	
115.00			0.26	
116.00			0.06	
117.00			0.30	
118.00			0.25	
119.00			0.18	
120.00			0.21	
121.00			0.11	
122.00			0.10	
123.00			0.15	
124.00			0.11	
125.00			0.28	
126.00			0.15	
127.00			0.11	
128.00			0.23	
129.00			0.11	
130.00			0.10	
131.00			0.18	
132.00			0.35	
133.00			0.40	
134.00			0.13	
135.00			0.38	
136.00			0.16	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			0.16	
138.00			0.11	
139.00			0.18	
140.00			0.16	
141.00			0.11	
142.00			0.11	
143.00			0.11	
144.00			0.35	
145.00			0.18	
146.00			0.13	
147.00			0.10	
148.00			0.08	
149.00			0.33	
150.00			0.23	
151.00			0.23	
152.00			0.58	
153.00			0.16	
154.00			0.00	
155.00			0.16	
156.00			0.11	
157.00			0.20	
158.00			-1.30	
159.00			0.25	
160.00			1.17	
161.00			0.10	
162.00			0.21	
163.00			2.25	
164.00			0.30	
165.00			-1.50	
166.00			0.03	
167.00			0.15	
168.00			0.78	
169.00			0.18	
170.00			0.28	
171.00			0.11	
172.00			0.03	
173.00			0.33	
174.00			0.10	
175.00			-0.50	
176.00			0.08	
177.00			0.45	
178.00			0.00	
179.00			-0.30	
180.00			0.15	
181.00			0.20	
182.00			0.25	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
183.00			0.26	
184.00			4.30	
185.00			0.26	
186.00			0.26	
187.00			0.10	
188.00			0.13	
189.00			0.68	
190.00			-4.70	
191.00			0.50	
192.00			0.16	
193.00			0.25	
194.00			3.52	
195.00			-4.80	
196.00			0.21	
197.00			0.16	
198.00			0.10	
199.00			0.23	
200.00			1.04	
201.00			0.18	
202.00			0.42	
203.00			0.45	
204.00			1.04	
205.00			0.28	
206.00			13.50	
207.00			8.60	
208.00			10.20	
209.00			8.87	
210.00			8.76	
211.00			2.52	
212.00			14.20	
213.00			9.25	
214.00			0.62	
215.00			3.10	
216.00			1.89	
217.00			2.35	
218.00			10.40	
219.00			0.63	
220.00			10.50	
221.00			7.61	
222.00			8.80	
223.00			0.48	
224.00			8.65	
225.00			7.32	
226.00			11.00	
227.00			11.70	
228.00			10.10	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
229.00			2.04	
230.00			8.23	
231.00			8.98	
232.00			10.10	
233.00			1.59	
234.00			10.40	
235.00			4.58	
236.00			9.47	
237.00			0.47	
238.00			2.63	
239.00			0.47	
240.00			6.80	
241.00			5.52	
242.00			1.44	
243.00			0.20	
244.00			0.20	
245.00			0.47	
246.00			0.21	
247.00			8.43	
248.00			9.62	
249.00			4.20	
250.00			2.26	
251.00			0.20	
252.00			1.79	
253.00			0.30	
254.00			0.21	
255.00			6.48	
256.00			3.05	
257.00			4.11	
258.00			7.76	
259.00			13.10	
260.00			1.42	
261.00			1.20	
262.00			7.39	
263.00			5.96	
264.00			9.84	
265.00			10.10	
266.00			9.05	
267.00			13.40	
268.00			9.29	
269.00			8.33	
270.00			1.10	
271.00			1.09	
272.00			8.80	
273.00			9.00	
			EOH	

BOX LOG

HOLE: #REF!

BOX	FROM (m)	TO (m)
1	0.00	9.88
2	9.88	14.09
3	14.09	18.28
4	18.28	22.27
5	22.27	26.08
6	26.08	30.25
7	30.25	34.32
8	34.32	38.41
9	38.41	42.70
10	42.70	46.34
11	46.34	50.40
12	50.40	54.90
13	54.90	58.66
14	58.66	62.77
15	62.77	67.10
16	67.10	71.11
17	71.11	75.25
18	75.25	79.20
19	79.20	83.41
20	83.41	87.35
21	87.35	91.08
22	91.08	95.13
23	95.13	99.25
24	99.25	103.45
25	103.45	107.28
26	107.28	111.39
27	111.39	115.44
28	115.44	119.00
29	119.00	123.03
30	123.03	127.25
31	127.25	131.10
32	131.10	134.84
33	134.84	138.83
34	138.83	140.20
35	140.20	145.36

BOX	FROM (m)	TO (m)
36	145.36	150.70
37	150.70	156.14
38	156.14	161.71
39	161.71	166.93
40	166.93	172.53
41	172.53	178.10
42	178.10	183.54
43	183.54	188.00
44	188.00	192.92
45	192.92	198.31
46	198.31	203.18
47	203.18	208.77
48	208.77	214.07
49	214.07	219.73
50	219.73	225.32
51	225.32	230.80
52	230.80	236.44
53	236.44	242.20
54	242.20	247.63
55	247.63	253.19
56	253.19	258.62
57	258.62	264.15
58	264.15	269.35
59	269.35	273.40
		EOH

GEOTECHNICAL LOG

HOLE: KL-10-11

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
0.00	6.10	6.1	0.20	3.28	0.00	0.00				
6.10	9.10	3.0	2.20	73.33	0.64	21.33	S	SW		
9.10	12.20	3.1	3.01	97.10	2.43	78.39	S	FR		
12.20	15.20	3.0	2.86	95.33	1.66	55.33	VS	SW		
15.20	18.30	3.1	3.10	100.00	2.79	90.00	S	FR		
18.30	21.30	3.0	2.96	98.67	1.97	65.67	VS	FR		
21.30	24.40	3.1	3.05	98.39	1.55	50.00	S	FR		
24.40	27.40	3.0	2.98	99.33	1.73	57.67	S	FR		
27.40	30.50	3.1	3.01	97.10	2.36	76.13	S	FR		
30.50	33.50	3.0	2.98	99.33	2.43	81.00	S	FR		
33.50	36.60	3.1	3.11	100.32	2.37	76.45	S	FR		
36.60	39.60	3.0	2.95	98.33	2.71	90.33	VS	FR		
39.60	42.70	3.1	2.96	95.48	1.82	58.71	S	FR		
42.70	45.70	3.0	3.14	104.67	2.27	75.67	VS	FR		
45.70	48.80	3.1	3.09	99.68	2.55	82.26	S	FR		
48.80	51.80	3.0	3.05	101.67	0.99	33.00	S	SW		
51.80	54.90	3.1	2.75	88.71	0.75	24.19	MS	SW		
54.90	57.90	3.0	2.94	98.00	0.58	19.33	S	FR		
57.90	61.00	3.1	3.11	100.32	2.60	83.87	S	FR		
61.00	64.00	3.0	3.02	100.67	2.04	68.00	S	FR		
64.00	67.10	3.1	3.10	100.00	2.56	82.58	S	FR		
67.10	70.10	3.0	3.04	101.33	2.82	94.00	S	FR		
70.10	73.20	3.1	2.84	91.61	1.00	32.26	S	FR		
73.20	76.20	3.0	3.05	101.67	2.22	74.00	S	FR		
76.20	79.20	3.0	3.08	102.67	2.48	82.67	S	FR		
79.20	82.30	3.1	3.03	97.74	1.93	62.26	S	FR		
82.30	85.30	3.0	3.02	100.67	2.62	87.33	S	FR		
85.30	88.40	3.1	3.13	100.97	2.91	93.87	VS	FR		
88.40	91.40	3.0	3.10	103.33	2.82	94.00	VS	FR		
91.40	94.50	3.1	3.02	97.42	2.91	93.87	VS	FR		
94.50	97.50	3.0	3.08	102.67	2.65	88.33	VS	FR		
97.50	100.60	3.1	3.06	98.71	2.74	88.39	S	FR		
100.60	103.60	3.0	3.00	100.00	2.76	92.00	S	FR		
103.60	106.70	3.1	3.06	98.71	2.40	77.42	S	FR		
106.70	109.70	3.0	3.04	101.33	2.83	94.33	S	FR		
109.70	112.80	3.1	3.01	97.10	1.68	54.19	VS	FR		
112.80	115.80	3.0	3.09	103.00	1.50	50.00	S	FR		
115.80	118.90	3.1	3.10	100.00	1.43	46.13	VS	FR		
118.90	121.90	3.0	3.97	132.33	2.34	78.00	S	FR		
121.90	125.00	3.1	3.11	100.32	1.60	51.61	S	FR		
125.00	128.00	3.0	3.05	101.67	2.10	70.00	S	FR		
128.00	131.00	3.0	3.10	103.33	1.19	39.67	S	FR		
131.00	134.10	3.1	3.00	96.77	1.65	53.23	S	FR		
134.10	137.20	3.1	3.09	99.68	1.03	33.23	S	SW		
137.20	140.20	3.0	3.10	103.33	0.90	30.00	MS	SW		
140.20	142.30	2.1	1.75	83.33	0.69	32.86	S	FR		
142.30	145.40	3.1	3.04	98.06	1.62	52.26	S	FR		
145.40	148.40	3.0	3.02	100.67	0.93	31.00	S	FR		
148.40	151.50	3.1	3.10	100.00	2.06	66.45	S	FR		
151.50	154.50	3.0	3.07	102.33	2.86	95.33	S	FR		
154.50	157.60	3.1	3.01	97.10	1.13	36.45	S	FR		
157.60	160.60	3.0	3.08	102.67	1.91	63.67	S	FR		
160.60	163.70	3.1	3.12	100.65	1.76	56.77	S	FR		
163.70	166.70	3.0	3.05	101.67	2.35	78.33	S	FR		
166.70	169.80	3.1	2.95	95.16	2.39	77.10	S	FR		
169.80	172.80	3.0	3.01	100.33	2.43	81.00	S	FR		
172.80	175.90	3.1	3.08	99.35	2.75	88.71	S	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Colour	Comments
175.90	178.90	3.0	2.98	99.33	1.99	66.33	S	FR		
178.90	182.00	3.1	2.92	94.19	2.36	76.13	S	FR		
182.00	185.00	3.0	3.10	103.33	2.63	87.67	S	FR		
185.00	188.10	3.1	2.98	96.13	1.48	47.74	S	FR		
188.10	191.10	3.0	3.11	103.67	1.36	45.33	S	FR		
191.10	194.20	3.1	3.10	100.00	2.47	79.68	S	FR		
194.20	197.20	3.0	3.02	100.67	2.22	74.00	S	FR		
197.20	200.30	3.1	3.08	99.35	2.00	64.52	S	FR		
200.30	203.30	3.0	3.07	102.33	2.45	81.67	S	FR		
203.30	206.30	3.0	3.00	100.00	2.03	67.67	S	FR		
206.30	209.40	3.1	3.10	100.00	3.00	96.77	S	FR		
209.40	212.40	3.0	3.00	100.00	2.66	88.67	S	FR		
212.40	215.50	3.1	2.99	96.45	1.70	54.84	S	FR		
215.50	218.50	3.0	3.01	100.33	2.54	84.67	S	FR		
218.50	221.60	3.1	3.10	100.00	2.73	88.06	S	FR		
221.60	224.60	3.0	3.00	100.00	2.40	80.00	S	FR		
224.60	227.70	3.1	3.10	100.00	2.75	88.71	S	FR		
227.70	230.70	3.0	3.05	101.67	2.71	90.33	S	FR		
230.70	233.80	3.1	3.02	97.42	2.90	93.55	S	FR		
233.80	236.80	3.0	3.01	100.33	2.49	83.00	S	FR		
236.80	239.90	3.1	3.02	97.42	2.72	87.74	S	FR		
239.90	243.00	3.1	3.06	98.71	2.99	96.45	S	FR		
243.00	246.00	3.0	3.10	103.33	2.71	90.33	S	FR		
246.00	249.00	3.0	3.00	100.00	2.57	85.67	S	FR		
249.00	252.10	3.1	3.01	97.10	2.33	75.16	S	FR		
252.10	255.10	3.0	3.04	101.33	2.43	81.00	S	FR		
255.10	258.20	3.1	2.95	95.16	2.55	82.26	S	FR		
258.20	261.20	3.0	3.00	100.00	2.34	78.00	S	FR		
261.20	264.30	3.1	3.11	100.32	2.69	86.77	S	FR		
264.30	267.30	3.0	2.95	98.33	2.70	90.00	S	FR		
267.30	270.40	3.1	3.05	98.39	2.00	64.52	S	FR		
270.40	273.40	3.0	3.03	101.00	2.60	86.67	S	FR		
	EOH									

MAGNETIC SUSCEPTIBILITY LOG

HOLE:

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00				
2.00				
3.00				
4.00				
5.00				
6.00			1.86	
7.00			0.36	
8.00			0.26	
9.00			0.35	
10.00			0.40	
11.00			0.89	
12.00			-0.30	
13.00			0.82	
14.00			0.85	
15.00			8.38	
16.00			0.11	
17.00			15.80	
18.00			15.60	
19.00			11.90	
20.00			11.50	
21.00			1.42	
22.00			0.18	
23.00			0.50	
24.00			0.21	
25.00			0.20	
26.00			14.90	
27.00			9.13	
28.00			7.34	
29.00			0.38	
30.00			0.18	
31.00			0.10	
32.00			0.13	
33.00			0.15	
34.00			10.50	
35.00			1.42	
36.00			5.42	
37.00			8.83	
38.00			-4.70	
39.00			5.54	
40.00			0.20	
41.00			-6.50	
42.00			0.15	
43.00			0.84	
44.00			3.49	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.26	
46.00			0.13	
47.00			0.63	
48.00			0.40	
49.00			0.18	
50.00			0.10	
51.00			0.08	
52.00			0.15	
53.00			0.28	
54.00			0.25	
55.00			0.25	
56.00			0.26	
57.00			0.25	
58.00			0.21	
59.00			0.13	
60.00			0.18	
61.00			0.15	
62.00			0.33	
63.00			0.25	
64.00			1.96	
65.00			0.87	
66.00			0.52	
67.00			11.20	
68.00			0.33	
69.00			0.20	
70.00			0.33	
71.00			0.20	
72.00			0.23	
73.00			0.15	
74.00			0.21	
75.00			0.23	
76.00			0.45	
77.00			0.28	
78.00			0.15	
79.00			0.23	
80.00			0.26	
81.00			0.21	
82.00			0.15	
83.00			0.16	
84.00			-0.50	
85.00			0.21	
86.00			0.11	
87.00			0.05	
88.00			-5.80	
89.00			0.08	
90.00			0.18	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			8.76	
92.00			0.18	
93.00			0.65	
94.00			0.28	
95.00			2.83	
96.00			0.03	
97.00			0.10	
98.00			0.08	
99.00			-1.80	
100.00			0.18	
101.00			0.10	
102.00			0.20	
103.00			0.18	
104.00			0.53	
105.00			3.12	
106.00			0.31	
107.00			0.11	
108.00			0.18	
109.00			0.35	
110.00			0.10	
111.00			-0.20	
112.00			0.15	
113.00			0.45	
114.00			0.08	
115.00			0.26	
116.00			0.06	
117.00			0.30	
118.00			0.25	
119.00			0.18	
120.00			0.21	
121.00			0.11	
122.00			0.10	
123.00			0.15	
124.00			0.11	
125.00			0.28	
126.00			0.15	
127.00			0.11	
128.00			0.23	
129.00			0.11	
130.00			0.10	
131.00			0.18	
132.00			0.35	
133.00			0.40	
134.00			0.13	
135.00			0.38	
136.00			0.16	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			0.16	
138.00			0.11	
139.00			0.18	
140.00			0.16	
141.00			0.11	
142.00			0.11	
143.00			0.11	
144.00			0.35	
145.00			0.18	
146.00			0.13	
147.00			0.10	
148.00			0.08	
149.00			0.33	
150.00			0.23	
151.00			0.23	
152.00			0.58	
153.00			0.16	
154.00			0.00	
155.00			0.16	
156.00			0.11	
157.00			0.20	
158.00			-1.30	
159.00			0.25	
160.00			1.17	
161.00			0.10	
162.00			0.21	
163.00			2.25	
164.00			0.30	
165.00			-1.50	
166.00			0.03	
167.00			0.15	
168.00			0.78	
169.00			0.18	
170.00			0.28	
171.00			0.11	
172.00			0.03	
173.00			0.33	
174.00			0.10	
175.00			-0.50	
176.00			0.08	
177.00			0.45	
178.00			0.00	
179.00			-0.30	
180.00			0.15	
181.00			0.20	
182.00			0.25	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
183.00			0.26	
184.00			4.30	
185.00			0.26	
186.00			0.26	
187.00			0.10	
188.00			0.13	
189.00			0.68	
190.00			-4.70	
191.00			0.50	
192.00			0.16	
193.00			0.25	
194.00			3.52	
195.00			-4.80	
196.00			0.21	
197.00			0.16	
198.00			0.10	
199.00			0.23	
200.00			1.04	
201.00			0.18	
202.00			0.42	
203.00			0.45	
204.00			1.04	
205.00			0.28	
206.00			13.50	
207.00			8.60	
208.00			10.20	
209.00			8.87	
210.00			8.76	
211.00			2.52	
212.00			14.20	
213.00			9.25	
214.00			0.62	
215.00			3.10	
216.00			1.89	
217.00			2.35	
218.00			10.40	
219.00			0.63	
220.00			10.50	
221.00			7.61	
222.00			8.80	
223.00			0.48	
224.00			8.65	
225.00			7.32	
226.00			11.00	
227.00			11.70	
228.00			10.10	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
229.00			2.04	
230.00			8.23	
231.00			8.98	
232.00			10.10	
233.00			1.59	
234.00			10.40	
235.00			4.58	
236.00			9.47	
237.00			0.47	
238.00			2.63	
239.00			0.47	
240.00			6.80	
241.00			5.52	
242.00			1.44	
243.00			0.20	
244.00			0.20	
245.00			0.47	
246.00			0.21	
247.00			8.43	
248.00			9.62	
249.00			4.20	
250.00			2.26	
251.00			0.20	
252.00			1.79	
253.00			0.30	
254.00			0.21	
255.00			6.48	
256.00			3.05	
257.00			4.11	
258.00			7.76	
259.00			13.10	
260.00			1.42	
261.00			1.20	
262.00			7.39	
263.00			5.96	
264.00			9.84	
265.00			10.10	
266.00			9.05	
267.00			13.40	
268.00			9.29	
269.00			8.33	
270.00			1.10	
271.00			1.09	
272.00			8.80	
273.00			9.00	
			EOH	

BOX LOG

HOLE: #REF!

BOX	FROM (m)	TO (m)
1	0.00	9.88
2	9.88	14.09
3	14.09	18.28
4	18.28	22.27
5	22.27	26.08
6	26.08	30.25
7	30.25	34.32
8	34.32	38.41
9	38.41	42.70
10	42.70	46.34
11	46.34	50.40
12	50.40	54.90
13	54.90	58.66
14	58.66	62.77
15	62.77	67.10
16	67.10	71.11
17	71.11	75.25
18	75.25	79.20
19	79.20	83.41
20	83.41	87.35
21	87.35	91.08
22	91.08	95.13
23	95.13	99.25
24	99.25	103.45
25	103.45	107.28
26	107.28	111.39
27	111.39	115.44
28	115.44	119.00
29	119.00	123.03
30	123.03	127.25
31	127.25	131.10
32	131.10	134.84
33	134.84	138.83
34	138.83	140.20
35	140.20	145.36

BOX	FROM (m)	TO (m)
36	145.36	150.70
37	150.70	156.14
38	156.14	161.71
39	161.71	166.93
40	166.93	172.53
41	172.53	178.10
42	178.10	183.54
43	183.54	188.00
44	188.00	192.92
45	192.92	198.31
46	198.31	203.18
47	203.18	208.77
48	208.77	214.07
49	214.07	219.73
50	219.73	225.32
51	225.32	230.80
52	230.80	236.44
53	236.44	242.20
54	242.20	247.63
55	247.63	253.19
56	253.19	258.62
57	258.62	264.15
58	264.15	269.35
59	269.35	273.40
		EOH

APPENDIX VI

NEW-SENSE GEOPHYSICS LTD. GEOPHYSICAL REPORT

Logistics
Report

For the

High Resolution Helicopter Magnetic and
Gamma-ray Spectrometric Airborne Geophysical Survey

Flown over

KLAZA Project Property, Yukon

From

Carmacks, Yukon

Carried out on behalf of

ROCKHAVEN RESOURCES LTD.

By

New-Sense Geophysics Limited



Toronto, Canada
October 6th, 2010
(HMR100821-report)

TABLE OF CONTENTS

AMENDMENT RECORD **4**

1. INTRODUCTION **5**

2. SURVEY LOCATION **6**

3. PERSONNEL **7**

3.1 Field Operations 7
3.2 Office Data Processing and Offsite QA/QC 7
3.3 Project Management 7

4. SURVEY PARAMETERS **8**

5. AIRCRAFT AND EQUIPMENT **9**

5.1 Aircraft 9
5.2 Airborne Geophysical System 9
5.2.1 Magnetometer *9*
5.2.2 Magnetic Compensation *9*
5.2.3 GPS Navigation *10*
5.2.4 Altimeter *10*
5.2.5 Geophysical Flight Control System *10*
5.2.6 Spectrometer *10*
5.2.7 iDAS Digital Recording *11*
5.2.8 Pressure and Temperature *11*
5.2.9 Spectrometer Digital Recording *11*
5.3 Ground Monitoring System 11
5.3.1 Base Station Magnetometer *11*
5.3.2 Recording *11*
5.4 Field Compilation System 12

6. PRE-SURVEY SPECTROMETER CALIBRATIONS **13**

6.1 Energy Windows 13
6.2 Calibration Pad Test 14
6.3 Cosmic Flight Test 14
6.3.1 Setup and Measurement Procedure *14*
6.3.2 Results from Cosmic Flight Test *15*
6.4 Altitude Attenuation Test 15
6.4.1 Results from Altitude Attenuation Test *15*
6.5 Radon Hover Test 16
6.6 Radioelement ground concentrations and system sensitivities 16

7. OPERATIONS AND PROCEDURES **18**

7.1 Flight Planning and Flight Path 18
7.2 Base Station 18
7.3 Airborne Magnetometers 18
7.4 Thorium Resolution Tests 18
7.5 Data Compilation 19
7.5.1 Flight Path Corrections *19*
7.5.2 Digital Terrain Model (DTM) *20*
7.5.3 Magnetic Corrections *20*
7.5.3.1 Diurnal Corrections 21
7.5.3.2 Lag Corrections 21
7.5.3.3 Heading Corrections 22
7.5.3.4 IGRF Corrections 23
7.5.3.5 Leveling Corrections 23
7.5.4 Vertical Derivative *23*

7.5.5 Gridding *24*
7.5.6 Radiometric Data Corrections *24*
7.5.6.1 Live Time Corrections 24
7.5.6.2 Pre-filtering 24
7.5.6.3 Aircraft and Cosmic Background 25
7.5.6.4 Radon Correction 25
7.5.6.5 Compton Stripping 25
7.5.6.6 Equivalent Height at STP 26
7.5.6.7 Attenuation Corrections 26
7.5.6.8 Leveling of Attenuation Corrected Data 27
7.5.6.9 Conversion to Apparent Radioelemnt Concentrations 28
7.5.6.10 Air Absorption Dose Rate 28
7.5.6.11 Gridding 29
7.5.6.12 Ternary MAP 29
9. SUMMARY 32
APPENDIX A: BACKGROUND AND COSMIC TESTS CHARTS 33
APPENDIX B: FOM RESULTS 37
APPENDIX C: DATABASE DESCRIPTIONS 40
APPENDIX D: RSX-5 SPECTROMETER (SN 5503): DAILY RESOLUTION TESTS RESULTS 43
APPENDIX E: IMAGES OF FINAL MAPS 44
APPENDIX F: MICROLEVELLING DESCRIPTION 52

AMENDMENT RECORD

Rev	Date	Description	Report Section	Prepared by

DOCUMENT RECORD

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1. INTRODUCTION

A high sensitivity helicopter magnetic and gamma-ray spectrometric airborne survey was carried out for Rockhaven Resources Ltd. (Client) over the project area known as Klaza block, located approximately 50 Km west of Carmacks, Yukon.

New-Sense Geophysics (NSG) flew the survey under the terms of an agreement with Client dated August 21st, 2010.

The survey was flown on August 22th, 2010. A total of 326 line kilometers of field magnetic and radiometric data was flown, collected, processed and plotted.

Geophysical equipment was comprised of 1 high-sensitivity Cesium-3 magnetometer mounted in a fixed stinger assemble and a 1024-channel spectrometer with four downward looking crystals (total 16 liters) and one upward looking crystal (total 4 liters). Airborne ancillary equipment included digital recorders, fluxgate magnetometer, radar altimeter and global positioning system (GPS) receiver, which provided accurate real-time navigation and subsequent flight path recovery. Surface equipment included a magnetic base station with GPS time synchronization and a PC-based field workstation, which was used to check the data quality and completeness on a daily basis.

The technical objective of the survey was to provide high-resolution total field magnetic and radiometric maps suitable for anomaly delineation, detailed structural evaluation, and identification of lithologic trends. Fully corrected magnetic and radiometric maps were prepared by New-Sense Geophysics Limited, in their Toronto office, after the completion of survey activities.

This report describes the acquisition, processing, and presentation of data for the Rockhaven Resources Ltd. airborne survey over Klaza block flown from Carmacks, Yukon.

2. SURVEY LOCATION

Datum: NAD83
Projection: Universal Transverse Mercator Zone 8N
Local Datum Transform: North America (all Canada and USA subunits)

Table 2.1: Klaza block coordinates

UTM Zone 8N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
379359	6894302	379359	6894302
385790	6890699	385790	6890699
383267	6886159	383267	6886159
381554	6887112	381554	6887112
382478	6888772	382478	6888772
377725	6891418	377725	6891418
379359	6894302	379359	6894302

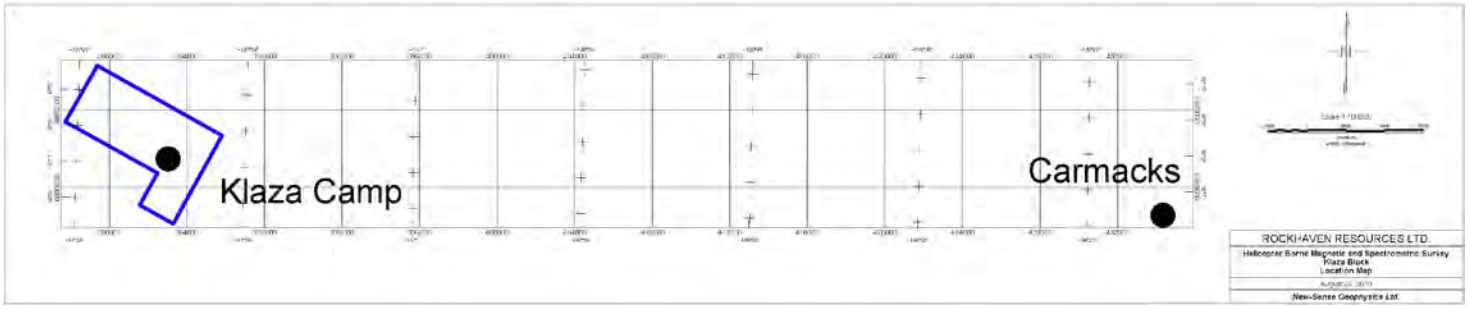


Figure 2.1 Location map depicting the outline of Klaza block (blue). The coordinate system is NAD83, North America (all Canada and USA subunits), Zone 8N.

3. PERSONNEL

3.1 FIELD OPERATIONS

New-Sense Geophysics Ltd., Geophysicist:	Chris Evans
Fireweed Helicopters, Pilot:	Brent Vansickle

3.2 OFFICE DATA PROCESSING AND OFFSITE QA/QC

QA/QC (NSG):	Andrei Yakovenko
Data Processing and Grids (NSG):	Andrei Yakovenko Sean Plener Chris Evans
Maps (NSG):	Andrei Yakovenko Sean Plener
Logistics Report (NSG):	Andrei Yakovenko

3.3 PROJECT MANAGEMENT

New-Sense Geophysics Ltd.:	Andrei Yakovenko
Strategic Metals Ltd.**:**	W. Douglas Eaton

4. SURVEY PARAMETERS

Airborne Digital Record:	Line Number Flight Number Radar Altimeter Total Field Magnetics Live Time Thorium counts Potassium counts Uranium counts Upward looking Uranium counts Cosmic counts Down Spectrum Total Counts Time (System and GPS) Raw Global Positioning System (GPS) data Magnetic compensation parameters (fluxgate mag.)
Base Station Record:	Ambient Total Field Magnetics Raw Global Positioning System (GPS) data Time (System and GPS)
Traverse Line spacing:	100 meters
Control Line spacing:	1000 meters
Nominal Terrain clearance:	35 meters
Average Terrain clearance:	35.4 meters
Navigation:	Global Positioning System
Traverse Line direction:	29, 209 deg.
Control Line direction:	119, 299 deg.
Measurement interval:	0.1 sec for magnetics 1.0 sec for radiometrics and GPS
Ground speed (average):	134 km/hr
Measurement spacing (average):	3.7 meters/0.1 sec, 37.0 meters/1 sec

5. AIRCRAFT AND EQUIPMENT

5.1 AIRCRAFT

The aircraft used was a Bell 206B3 helicopter (C-FFWH) equipped with a Cesium magnetometer mounted in a fixed stinger assembly and RS-500 airborne spectrometer mounted in the storage compartment. The aviation company providing the aircraft service was Fireweed Helicopters based in Whitehorse, Yukon, Canada.

5.2 AIRBORNE GEOPHYSICAL SYSTEM

5.2.1 MAGNETOMETER

One Scintrex CS-3 optically pumped Cesium split beam sensor was mounted in a fixed stinger assembly. The magnetometer's Larmor frequency output was processed by a KMAG-4 magnetometer counter, which provides a resolution of 0.15 ppm (in a magnetic field of 50,000 nT, resolution equivalent to 0.0075 nT). The raw magnetic data was recorded at 50 Hz, anti-aliased with 51 point COSINE filter and resampled at 10 Hz .

5.2.2 MAGNETIC COMPENSATION

The proximity of the aircraft to the magnetic sensor creates a measurable anomalous response as a result of the aircrafts movement. The orientation of the aircraft with respect to the sensor and the motion of the aircraft through the earth's magnetic field are contributing factors to the strength of this response. A special calibration flight, Figure of Merit (i.e., FOM), was flown to record the information necessary to compensate for these effects.

The FOM maneuvers consist of a series of calibration lines flown at high altitude to gain information in each of the required line directions. During this procedure, pitch, roll and yaw maneuvers are performed on the aircraft (typical angle ranges are 10^{o} pitch, 10^{o} roll, and 10^{o} yaw). Each variation is conducted three times in succession (first pitch, then roll, then yaw), providing a complete picture of the aircraft's effects at designated headings in all orientations.

A three-axis Bartington fluxgate magnetometer (recorded at 50 Hz) was used to measure the orientation and rates of change of the magnetic field of the aircraft, away from localized terrestrial magnetic anomalies. The QC Tools digital compensation algorithm was then applied to generate a correction factor to compensate for permanent, induced, and eddy current magnetic responses generated by the aircrafts movements.

5.2.3 GPS NAVIGATION

A U-BLOX RCB-LJ sixteen channel GPS receiver, which is an integral component of the iNAV V3 computer system, was used to run the flight control system and provide precise positioning of the aircraft.

5.2.4 ALTIMETER

A TRA 3500 radar altimeter was mounted inside the stinger. This instrument operates with a linear performance over the range of 0 to 2,500 feet and records the terrain clearance of the sensors. The raw radar altimeter data was recorded at 50 Hz, anti-aliased with a 21 point COSINE filter and re-sampled at 10 Hz.

5.2.5 GEOPHYSICAL FLIGHT CONTROL SYSTEM

New-Sense's iNAV V3 geophysical flight control system monitored and recorded magnetometer, spectrometer, altimeter, and GPS equipment performance. Input from the various sensors was monitored every 0.005 seconds for the precise coordination of geophysical and positional measurements. The input was recorded fifty times per second (one time per second in the case of GPS and radiometric data).

GPS positional coordinates and terrain clearance were presented to the pilot by means of a panel mounted indicator display. The magnetometer response, forth difference, altimeter profile and profiles of the radiometric windows were also available on the touch screen display, for real-time monitoring of equipment performance.

5.2.6 SPECTROMETER

The RS-500 Airborne Spectrometer with RSX-5 detector pack, manufactured by Radiation Solutions Inc. (RSI), was used for the survey. The RS-500 spectrometer has a multi-peak gain stabilization algorithm and is capable of recording 1024 channels with accuracy of 0.1 to 10 counts/second.

The RS-500 is connected to a crystal pack comprising four downward looking crystals (16 liters total) and one upward looking crystal (4 liters total). The downward crystals record the radiometric spectrum from 410 KeV to 2810 KeV over 1024 discrete energy windows, as well as from a cosmic ray channel that detects photons with energy levels above 3.0 MeV. From these 1024 channels, the standard Total Count, Potassium, Uranium and Thorium channels are extracted. The upward crystal is used to measure and correct for atmospheric Radon interference. The shock-protected Sodium Iodide (Thallium) crystal package is unheated and automatically stabilizes with respect to the multiple peaks. The RS-500 provides raw data that has been automatically corrected for gain, base level, ADC offset, and dead time.

5.2.7 IDAS DIGITAL RECORDING

The output of the CS-3 magnetometer, fluxgate magnetometer, altimeter, temperature, pressure, GPS coordinates, and time (system and GPS), were recorded digitally on a Compact Flash drive at a sample rate of fifty times per second (one time per second for GPS) by the iNAV V3 system.

5.2.8 PRESSURE AND TEMPERATURE

A Honeywell Precision Pressure Transducer, model PPT0020AWN2VA-A, was used to record the ambient pressure and temperature during the survey. The device was mounted in the helicopter stinger. The pressure and temperature outputs units were mbar and degrees Celsius respectively.

5.2.9 SPECTROMETER DIGITAL RECORDING

The output of the RS-500 spectrometer, GPS coordinates and time (UTC) were recorded digitally on an internal RS-500 flash drive at a sample rate of 1 Hz. After each flight the data were copied and synchronized using UTC clock with the iDAS digital records.

5.3 GROUND MONITORING SYSTEM

5.3.1 BASE STATION MAGNETOMETER

A Scintrex CS-3 optically pumped cesium split beam sensor was used at the base of operations within the airport boundaries, in an area of low magnetic gradient and low/free from cultural electric & magnetic noise sources. The sensitivity and absolute accuracy of the ground magnetometer is +/- 0.01 nT. Data was recorded continuously at least every one second throughout all survey operations in digital form on a TC-10 data acquisition system. Both the ground and airborne magnetic readings were synchronized based on the GPS clock.

5.3.2 RECORDING

The output of the magnetic and GPS monitors was recorded digitally on a dedicated TC-10 computer. A visual record of the last three hours was graphically maintained on the computer screen to provide an up to date appraisal of magnetic activity. At the conclusion of each production flight raw GPS and magnetic data were transferred to the main field compilation computer.

5.4 FIELD COMPILATION SYSTEM

A field laptop computer was used for field data processing and presentation. The raw data was imported to Geosoft Oasis montaj for QA/QC and processing purposes. After the data was checked for quality control, the database with uncompensated magnetic readings was exported to QC Tools software package for magnetic compensation and base station data merging purposes. The compensated database was then imported back to Oasis for the subsequent and final processing.

6. PRE-SURVEY SPECTROMETER CALIBRATIONS

Pre-survey calibrations and testing of the RS-500 (SN 5503) airborne gamma-ray spectrometry system were carried out on August 15th, 2010 (from Braeburn lodge, YT), and August 20th, 2010 (from Carmacks, YT). For these calibrations and tests, the survey aircraft (registration C-FFWH) was mobilized in survey configuration. The installed equipment and configurations were selected to conform to contract technical specifications.

Calibration of the spectrometer system is a vital process to airborne gamma-ray spectrometry. The calibration of the spectrometer system involved three tests:

- **Calibration Pad** measurements, which are used to determine the "spectral overlap" (Compton scattering) coefficients. The calibration test was performed within a 12 month period before the survey by the manufacturer (Radiation Solutions Inc.), at its headquarters location in Mississauga, Ontario.

- **Cosmic Flight Test**, which is used to determine the aircraft background values and cosmic coefficients was conducted on August 15th, 2010.

- **Height Attenuation Test**, which determined the altitude attenuation was conducted on August 20th, 2010.

6.1 ENERGY WINDOWS

The airborne radiometric technique requires measurement of count rates for specific energy regions or windows in the natural gamma-ray spectrum. The standard energy regions (in accordance with the International Atomic Energy Agency (IAEA) 323), and their corresponding channel limits are:

Table 6.1 Downward spectrometer energy windows

Designation	Energy Limit (keV)		Channel Limit (inclusive)	
	Lower	Upper	Unit Values	
			Lower	Upper
Total Count (TC)	410	2810	137	937
K	1370	1570	457	523
U	1660	1860	553	620
Th	2410	2810	803	937
U (upward)	1660	1860	553	620
Cosmic	3200	infinity		

6.2 CALIBRATION PAD TEST

The Compton stripping coefficients as provided by RSI are listed below:

Table 6.2 Compton Stripping coefficients

Stripping Ratios	Spectrometer (SN 5503)	"normal" values
Th into U (alpha = a23/a33)	0.284	0.250
Th into K (beta = a13/a33)	0.432	0.400
U into K (gamma = a12/a22)	0.771	0.810
U into Th (a = a32/a22)	0.039	0.060
K into Th (b = a31/a11)	-0.001	0
K into U (g = a21/a11)	0.001	0.003

6.3 COSMIC FLIGHT TEST

In each of the spectral windows, the radiation increases exponentially with height due to radiation of cosmic origin. As well, the aircraft itself contributes a constant background to the count rate. By completing a series of flights within the same region, over a range of altitudes, these background contributions can be determined.

6.3.1 SETUP AND MEASUREMENT PROCEDURE

1. A resolution check was completed at the aircraft base using a Thorium source prior to the cosmic test to insure the sensitivity and accuracy of the spectrometer.
2. Once the aircraft reached the desired altitude (first at ~8000 feet), survey data were recorded for approximately ten minutes.
3. Step 2 was then repeated at the following remaining altitudes: 9,000, 10,000, 11,000 and 12,000 feet above sea level.

Table 6.3 Cosmic Test data from August 15, 2010

	Cosmic Test Flight Data (average counts)					
Altitude (ft)	Cosmic	UU	K	U	Th	TC
7848	176	3	20	12	11	265
8914	203	3	23	13	13	338
9943	238	4	25	15	15	338
11117	381	4	27	17	19	383
12109	328	5	30	19	21	420

6.3.2 RESULTS FROM COSMIC FLIGHT TEST

At each altitude, the raw data for the five windows of interest (Th, K, U, TC, and U upward) were evaluated for quality. The mean values were then extracted and plotted against the cosmic background window (see Appendix A). The result is a linear trend, where the slope and intercept represent the cosmic stripping ratio and the aircraft background respectively. The results from the graphs are summarized below.

Table 6.4 Cosmic and Aircraft Background coefficients

Cosmic Flight Test Result From August 15, 2010		
Element	Cosmic	Aircraft Background
K	0.0621	9.7817
U	0.0471	3.6567
Th	0.0646	0
TC	1.023	90.165
UU	0.0132	0.5736

6.4 ALTITUDE ATTENUATION TEST

The height attenuation of the spectrometer systems was calculated by flying a series of passes across a line over flat ground with uniform radioelement ground concentration. The test range was flown by acquiring data on a series of seven passes over a set path, at the following altitudes: 100, 150, 200, 250, 300, 400, 600, 800 and 1000 feet above ground.

6.4.1 RESULTS FROM ALTITUDE ATTENUATION TEST

The airborne data from the altitude attenuation test was checked for quality, edited and divided into lines, where each line represents a pass. The radiometric windows were then corrected for background (aircraft and cosmic) and stripped of Compton contributions. After averaging the data for each line, the four windows of interest (K, U, Th, and Total Count) were plotted against the altimeter in order to obtain the height attenuation. The results were obtained using an exponential regression, where the slope represents the attenuation coefficient and the 'y' intercept represents the counts at 0 feet (see Table 6.7 and Appendix A).

Table 6.5 Height Attenuation coefficients from August 20th, 2010

Element	Altitude attenuation coefficients
K	-0.0088
U	-0.0046
Th	-0.0068
TC	-0.0067

6.5 RADON HOVER TEST

On all survey flights, at least one radon normalization hover test was flown before or after data collection.

The test consists of the helicopter flying a designated test area at nominal survey altitude near Klaza camp.

The test location was selected in area of relatively flat and dry terrain, within survey area being flown. The tests consists of the pilot being guided using the iDAS navigation system and for approximately 5 minutes, to allow for adequate statistics to be collected.

Since no noticeable radon fluctuations were observed, no radon corrections were applied to the data set.

6.6 RADIOELEMENT GROUND CONCENTRATIONS AND SYSTEM SENSITIVITIES

The radiometric ground concentrations were measured using a calibrated portable spectrometer (RSI-125) during the same time as the airborne altitude attenuation flights took place (i.e., August 20, 2010). The sensor was positioned one meter above the soil and away from the operators' body in the vicinity of altitude attenuation test strip. Twenty 300-second measurements were taken over the length of the calibration range.

The resulting mean radiometric equivalent ground concentrations for the calibration range on August 20th, 2010 were as follows:

Table 6.6 Ground Concentrations from August 20th, 2010

Radio Element	Ground Concentration	
Potassium	1.71	%
Equivalent Uranium	2.21	*ppm*
Equivalent Thorium	10.31	*ppm*
Total	62.3	nGy/h

Using these ground concentrations and the altitude attenuation calibration flight data, the System Sensitivities were obtained:

$$S = N/C$$

Where:

- S is the sensitivity for each window
- N is the striped count rate in the window at the survey altitude (i.e, 35m)
- C is the respective ground radioelement concentration.

With the following results:

Table 6.7 Sensitivities @35m from August 20th, 2010

	Sensitivities @ 35m
K	$55.00\,cps/(\%)$
U	$4.01\,cps/(ppm)$
Th	$2.35\ cps/(ppm)$
TC	$14.81\ cps/(nGy/h)$

Note: Determining of radioelement ground concentrations and system sensitivities were not part of the singed agreement. Such data are made available to the client as a courtesy.

7. OPERATIONS AND PROCEDURES

7.1 FLIGHT PLANNING AND FLIGHT PATH

The block outline coordinates (section 2.0) were used to generate pre-calculated navigation files. The navigation files were used to plan flights at the designated traverse line spacing of 100 meters and control lines of 1000 meters.

Preliminary flight path maps and magnetic maps were plotted and updated, to monitor coverage of the survey area.

7.2 BASE STATION

Magnetic base stations were established in magnetically quiet areas in the vicinity of Klaza camp at Latitude: 62.119366; Longitude: -137.242554.

The base station readings were monitored to ensure that the diurnal variation were within the peak-to-peak envelope of 20 nT from a long chord distance equivalent to a period of two minutes.

7.3 AIRBORNE MAGNETOMETERS

An FOM test of the performance of the CS-3 and fluxgate magnetometers was performed in order to monitor the ability of the system to remove the effects of aircraft motion on the magnetic measurement.

The FOM maneuvers consisted of a series of calibration lines flown at high altitude (10,000+ ft above sea level) to gain information in each of the required line directions. During this procedure, pitch, roll and yaw maneuvers were performed on the aircraft.

The following ranges were used:

Pitch: 10-15^{o}
Roll: 10-15^{o}
Yaw: 10-15^{o}

See Appendix B for the FOM results as flown on August 17th 2010 and were used to compensate the magnetic data.

7.4 THORIUM RESOLUTION TESTS

In order to monitor the resolution of the crystal pack, a daily a resolution test of the spectrometer was performed in RadAssist (RSX-5 spectrometer interface program) using ~2000 thorium background counts per crystal.

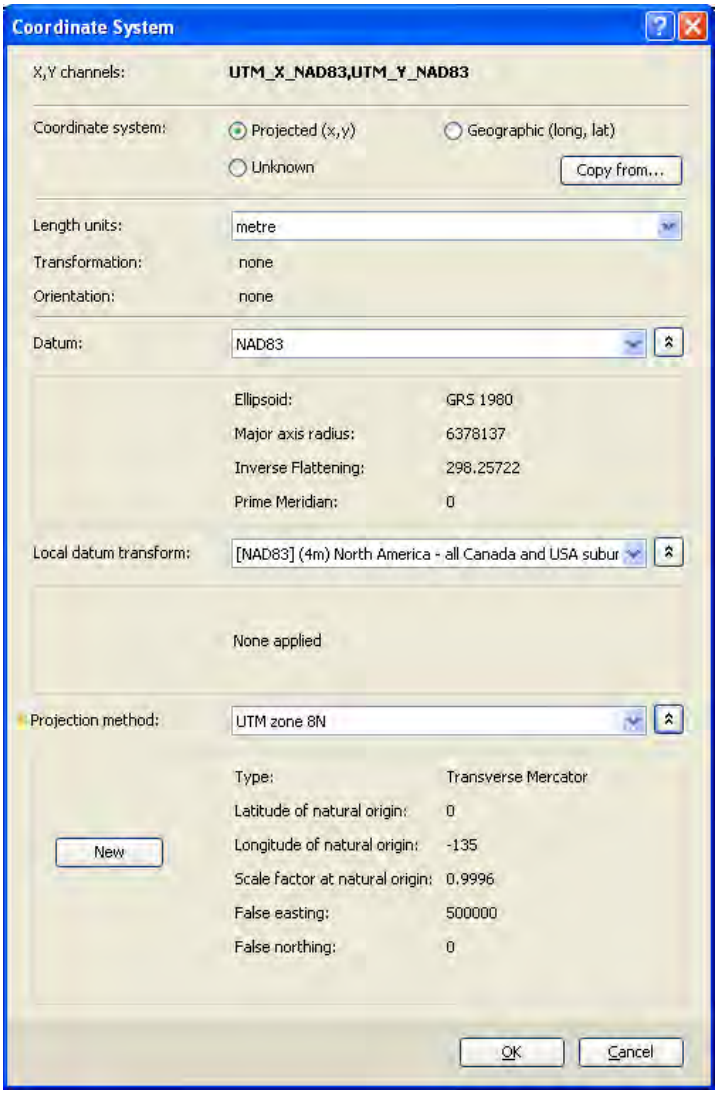
The results from the resolution tests were always found to be within the contract specifications (see Appendix D for the daily test results).

7.5 DATA COMPILATION

Data recorded by the airborne and base station systems was transferred to the field compilation system. As each flight was completed, the following compilation operations were carried out:

7.5.1 FLIGHT PATH CORRECTIONS

The navigational correction process yields a flight path expressed in WGS84, World and transformed to correspond to NAD83 ZONE 8N North America.



All 1.0 Hz GPS records were linearly interpolated and resampled at 10 Hz (0.1 sec) intervals.

7.5.2 DIGITAL TERRAIN MODEL (DTM)

The DTM data were produced by first adjusting the GPS sensor height to that of the radar altimeter height (lowering GPS height by 2.1m). Next the radar altimeter channel (in meters) was subtracted from the GPS height data producing a raw DTM channel.

Due to changing satellite positions (constellation configuration) and varying atmospheric conditions, the receiver may measure slightly varying GPS heights line-to-line. In addition, due to rugged topography, the radar altimeter measures inaccurately when the helicopter is pitched forward position (example: approach a steep hill), as the radar beam would be directed away or down the slope. Because of these inherent errors, the raw DTM channel required leveling.

It was decided to apply a microlevelling technique to the raw DTM data developed by Paterson, Grant & Watson Limited and available through Geosoft Oasis montaj as miclev.GX extension (see Appendix F for full description of the procedure).

The following key microlevelling parameters were used:

Table 7.1 DTM microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (m)	Amplitude Limit Mode	Naudy Filter Limit
Klaza	100	29	10	400	2.5	clip	0

The final DTM data were stored under DTM channel name.

7.5.3 MAGNETIC CORRECTIONS

First the 50 Hz aeromagnetic data from Cesium 3 and fluxgate magnetometers were filtered with a 51 cosine anti-aliasing algorithm and re-sampled at 10 Hz. Then the magnetic data from the Cesium 3 magnetometer was compensated for permanent, induced, and eddy current magnetic noise generated by the aircraft using data from the fluxgate magnetometer. The compensated magnetic data were then stored in the MAG_COMP channel.

7.5.3.1 DIURNAL CORRECTIONS

The compensated magnetic data were adjusted to account for diurnal variations. When the magnetic variations recorded at the base station recognized to be caused by man-made sources, (such as equipment, vehicles passing by the sensor), they were removed and gaps interpolated.

Diurnal variations recorded by the base station were filtered with a 101-point low pass filter. The filtered data was then subtracted directly from the aeromagnetic measurements to provide a first order diurnal correction.

After base station removal, the total magnetic field values become very small. To bring the total magnetic measurements back to 'normal' values, project averages from the base station readings were added back to the magnetic data.

Table 7.2 Base Station project averages

Block Name	Average Readings (nT)
Klaza	57264.15

The resulting base station corrected data were stored in the MAG_DIURNAL_CORR channel.

7.5.3.2 LAG CORRECTIONS

There are two potential types of Lag offsets when collecting airborne data: time lag and distance lag.

NSG insures that there is no time lag in the data acquisition system by recording unique markers every 1-second based on the GPS time stamp (associated with the EXACT change in GPS positioning). This information is used to realign (if necessary) the individual data records.

The distance lag is determined by dividing the distance from the GPS antenna to the sensor head by the averaged sample rate distance.

Table 7.3 Lag corrections

Block Name	Horizontal Distance From GPS Antenna to Sensor Head (m)	Average Sample Interval (m)	Lag Applied to Magnetic Data (records)
Klaza	9.2	3.7	-3

The lag corrections were applied to the MAG_DIURNAL_CORR channel and stored in the MAG_LAG_CORR channel.

7.5.3.3 HEADING CORRECTIONS

Optically pumped magnetic sensors have an inherent heading error, typically 1 to 2 nT peak-to-peak, as the sensor is rotated through 360 degrees. On flight line directions of the opposite heading, the affect is reasonably predictable.

Heading test flight was flown at magnetically quite area at 10,000+ ft above sea level altitude on August 17^{h}, 2010 with the following results:

Table 7.4 Heading Test flight results: August 20th, 2010

Direction (deg.)	Mean on line (nT)	Mean in direction (nT)	Mean on heading (nT)	Error (nT)
0/360				**-3.24**
29	**57170.15**	**57169.91**	**57166.54**	**-3.37**
29	**57169.67**			
209	**57163.08**	**57163.18**		**3.37**
209	**57163.27**			
119	**57172.09**	**57171.49**	**57174.46**	**2.98**
119	**57170.88**			
299	**57177.39**	**57177.44**		**-2.98**
299	**57177.49**			

The following heading corrections table was constructed and applied to the data set:

```
/ Geosoft Heading Correction Table
/=   Direction:real:i
/=   Correction:real
/     Direction   Correction
      29      -3.37
      119     2.98
      209    3.37
      299    -2.98
      360    -3.24
```

The heading corrected magnetic data were stored in MAG_HEADING_CORR channel.

7.5.3.4 IGRF CORRECTIONS

The total field strength of the International Geomagnetic Reference Field (IGRF, 2010 model) was calculated for every data point, based on the spot values of Latitude, Longitude and altitude. This IGRF was removed from the measured survey data on a point-by-point basis from the lag corrected channel.

After IGRF correction the total magnetic field values become negative. To bring the total magnetic measurements back to 'normal' values an average of IGRF values based on the whole project were added back to the magnetic data.

Table 7.7 IGRF averages per block

Block Name	Average Readings (nT)
Klaza	57277.8

The IGRF corrections were applied to the MAG_HEADING_CORR channel and stored in the MAG_IGRF_CORR channel.

7.5.3.5 LEVELING CORRECTIONS

After the data were corrected for IGRF, a survey traverse/control line intercepts array/matrix (i.e., Simple Leveling) was created for determining differences in magnetic field at the intersection points. Somewhat rugged terrain of the survey blocks, which resulted in some line-to-line difference in altitude, and relatively strong magnetic anomalies made magnetic signal at some Traverse/Control line intersection points quite different. As a result, some of those intersection points needed to be manually adjusted in order to reduce line-to-line magnetic differences.

The resulting simple leveled magnetic data were stored in MAG_SIMPLE_LVL channel.

The final Total Magnetic Intensity (TMI) data were stored in TMI_FINAL channel. Note, TMI_FINAL is copied directly from MAG_SIMPLE_LVL channel.

7.5.4 VERTICAL DERIVATIVE

A 1-st Order Vertical Derivative (VDV) data were calculated using 2D FFT2 algorithm based on final TMI grid. The resulting VDV grid was then sampled back to the database.

The VDV data were stored under VDV channel.

7.5.5 GRIDDING

All the magnetic (TMI & VDV) and DTM grids were produced from the corresponding TMI_FINAL, VDV and DTM channels.

The data were gridded using a bi-directional line gridding method with a grid cell size of 15 meters, Akima interpolation method for across and down line spline and trend angles perpendicular to those of traverse line directions.

7.5.6 RADIOMETRIC DATA CORRECTIONS

7.5.6.1 LIVE TIME CORRECTIONS

The spectrometer uses the notion of "live time" to express the relative period of time the instrument was able to register new pulses per sample interval.

The live time correction is applied to the total count, potassium, uranium, thorium and upward uranium channels.

The formula used to apply the correction is as follows:

$$C_{LT} = C_{raw} \times \left(\frac{1000}{LT} \right)$$

Where:

- C_{LT} is the live time corrected channel
- C_{raw} is the raw channel
- LT is the Live Time channel

7.5.6.2 PRE-FILTERING

The cosmic channel data were processed with a 15-point low pass filter to remove spikes.

The radar altimeter channel while recorded at 50Hz was filtered with 21-point COSINE filter and then sampled to 1Hz.

7.5.6.3 AIRCRAFT AND COSMIC BACKGROUND

Aircraft background and cosmic stripping corrections (see section 6.3.2) were applied to the live corrected total count, potassium, uranium, thorium and upward uranium channels using the following formula:

$$C_{ac} = C_{LT} - (ac + bc \times cof)$$

Where:

- C_{ac} is the background and cosmic corrected channel
- C_{LT} is the live time corrected channel
- ac is the aircraft background for this channel
- bc is the cosmic stripping coefficient for this channel
- cof is the filtered cosmic channel

All negative counts after this correction step were replaced with zeroes.

7.5.6.4 RADON CORRECTION

No Radon corrections were applied to the data.

7.5.6.5 COMPTON STRIPPING

Following the background and cosmic corrections the potassium, uranium and thorium were corrected for spectral overlap (see section 6.2). First the stripping ratios α, β, and χ were modified according to altitude. Then an adjustment factor based on the reversed stripping ratio (a), uranium into thorium, was calculated.

$$\alpha h = \alpha + hef \times 0.00049$$
$$\beta h = \beta + hef \times 0.00065$$
$$\chi h = \chi + hef \times 0.00069$$

Where:

- α, β, χ are the Compton stripping coefficients
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- hef is the height above ground in meters

The stripping corrections are then carried out using the following formulas:

$$ar = \frac{1}{1 - a\alpha h}$$

$$Th_c = (Th_{bc} - aU_{rc}) \times ar$$

$$U_c = (U_{rc} - Th_{bc}\alpha h) \times ar$$

$$K_c = K_{bc} - \beta h Th_c - \chi h U_c$$

Where:

- U_c, Th_c, and K_c are corrected Uranium, Thorium and Potassium
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- U_{bc}, Th_{bc}, and K_{bc} are background and cosmic corrected Uranium, Thorium and Potassium
- ar is the backscatter correction
- a is the reverse stripping ratio U into Th

All negative counts after this correction step were replaced with zeroes.

7.5.6.6 EQUIVALENT HEIGHT AT STP

The following formula was used to calculate Equivalent Height at STP:

$$H_e = H \times \left(\frac{273.15}{T + 273.15} \right) \times \left(\frac{P}{1013.25} \right)$$

Where:

- H is the observed height
- H_e is the equivalent height at STP
- T is the temperature in degrees Celsius
- P is the barometric pressure in mbar.

7.5.6.7 ATTENUATION CORRECTIONS

The Total Count, Potassium, Uranium and Thorium data were then corrected to a nominal survey altitude of 35m (see section 6.4.1) using the following equation:

$$C_a = C \times e^{-\mu(h_0 - h_e)}$$

Where:

- C_a is the output altitude corrected channel
- C is the input channel
- μ is the attenuation correction for that channel
- h_e is the STP height
- h_0 is the nominal survey altitude

The altitude attenuation corrected data were then stored in U_CORR, Th_CORR, K_CORR and TC_CORR channels.

7.5.6.8 LEVELING OF ATTENUATION CORRECTED DATA

Microleveling techniques were applied to the altitude attenuation corrected uranium, thorium, potassium and total count data.

The following key parameters were used (see Appendix F for full description of the procedure).

Table 7.8 Uranium microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Klaza	100	29	20	400	3.0	clip	0

Table 7.9 Thorium microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Klaza	100	29	20	400	3.2	clip	0

Table 7.10 Potassium microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Klaza	100	29	20	400	9.4	clip	0

Table 7.11 Total Count microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Klaza	100	29	20	400	70.0	clip	0

The resulting microleveled altitude attenuation corrected line data were then stored in the final U_FINAL_CORR, Th_FINAL_CORR, K_FINAL_CORR and TC_FINAL_CORR channels. Note, in the instances where no microlevelling was applied (i.e., Control line data), the data in the final channels were copied directly from U_ CORR, Th_ CORR, K _CORR and TC _CORR.

7.5.6.9 CONVERSION TO APPARENT RADIOELEMNT CONCENTRATIONS

The next step is to convert the corrected potassium (K_FINAL_CORR channel), uranium (U_FINAL_CORR channel) and thorium (Th_FINAL_CORR channel) to apparent radioelement concentrations (see section 6.6) using the following formula:

$$eE = C_{cor} / s$$

Where:

- eE is the element concentration $K_{\%}$ and equivalent element concentration of U_{ppm} & Th_{ppm}
- s is the experimentally determined sensitivity
- C_{cor} is the fully corrected channel

The resulting apparent concentration data were stored in K_Percent, eU and eTh channels.

Note: Determining of apparent radioelement concentrations were not part of the singed agreement. Such data are made available to the client as a courtesy.

7.5.6.10 AIR ABSORPTION DOSE RATE

Finally the natural air absorption dose rate was determined using the following formula:

$$E = 13.078 \times K_{\%} + 5.675 \times eU_{ppm} + 2.494 \times eTh_{ppm}$$

Where:

- E is the air absorption rate (nGy/h)
- $K_{\%}$ is the concentration of potassium (%)
- eU_{ppm} is the equivalent concentration of potassium (ppm)
- eTh_{ppm} is the equivalent concentration of potassium (ppm)

The resulting natural air absorption rate data were stored in E channel.

Note: Determining of the absorption rate was not part of the singed agreement. Such data are made available to the client as a courtesy.

A detailed description of how most of the procedures, formulae and constants were determined could be found in:

I.A.E.A. *Report, Airborne Gamma Ray Spectrometer Surveying*, Technical Report Series No. 323, 1991.
and
I.A.E.A *Guidelines for Radioelement Mapping Using Gamma Ray Spectrometry Data*, Technical Document No. 1363, 2003.

7.5.6.11 GRIDDING

All the radiometric grids are in counts/sec units and were produced from U_FINAL_CORR, Th_FINAL_CORR, K_FINAL_CORR and TC_FINAL_CORR channels.

The data were gridded using a bi-directional line gridding method with a grid cell size of 25 meters, Akima interpolation method for across and down line spline and trend angles perpendicular to those of traverse line directions.

7.5.6.12 TERNARY MAP

The radioelement ternary map was produced by creating individual grids for each of the three radioelements (potassium, thorium and uranium), then assigning a specific colour to each. Cyan represents thorium, yellow uranium, and magenta potassium. The relative concentrations of the radioelements are represented by the blends of the three colours.

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8. MAP PRODUCTS AND DIGITAL DATA DELIVERABLES

The following is the list of items delivered to **ROCKHAVEN RESOURCES LTD.**

Hard Copy Maps @ 1:20,000 scale (x2):

- Maps of Total Magnetic Intensity
- Maps of 1st order Vertical Derivative
- Maps of Digital Terrain Model
- Maps of Ternary Image (Th, U and K)
- Maps of Potassium counts
- Maps of Thorium counts
- Maps of Uranium counts
- Maps of Total Count

Hard Copy Logistics Report (x2):

Digital Copy (DVD) Maps @ 1:20,000 scale (x2):

- Maps of Total Magnetic Intensity
- Maps of 1st order Vertical Derivative
- Maps of Digital Terrain Model
- Maps of Potassium counts
- Maps of Thorium counts
- Maps of Uranium counts
- Maps of Total Count
- Ternary Map of Th, U and K

Digital Copy Grids (DVD) (x2):

- Grids of Total Magnetic Intensity (nT)
- Grids of 1st order Vertical Derivative (nT/m)
- Grids of Digital Terrain Model (m above MSL)
- Grids of Potassium (counts/sec)
- Grids of Thorium (counts/sec)
- Grids of Uranium (counts/sec)
- Grids of Total Count (counts/sec)

Digital Copy (DVD) Databases (x2):

- Magnetics data databases: MAGNETIC_ *blockname* _BK.gdb (See Appendix C for details)
- Radiometric data database: RADIOMETRIC_ *blockname* _BK.gdb (See Appendix C for details)

Digital Copy (DVD) Logistics Report (x2):

Digital Copy (DVD) Weekly and Line Report (x2):

9. SUMMARY

This report describes the logistics of the survey, equipment used, field procedures, data acquisition and presentation of results.

The various maps included with this report display the magnetic and radiometric properties of the survey area. It is recommended that the survey results be reviewed in detail, in conjunction with all available geophysical, geological and geochemical information.

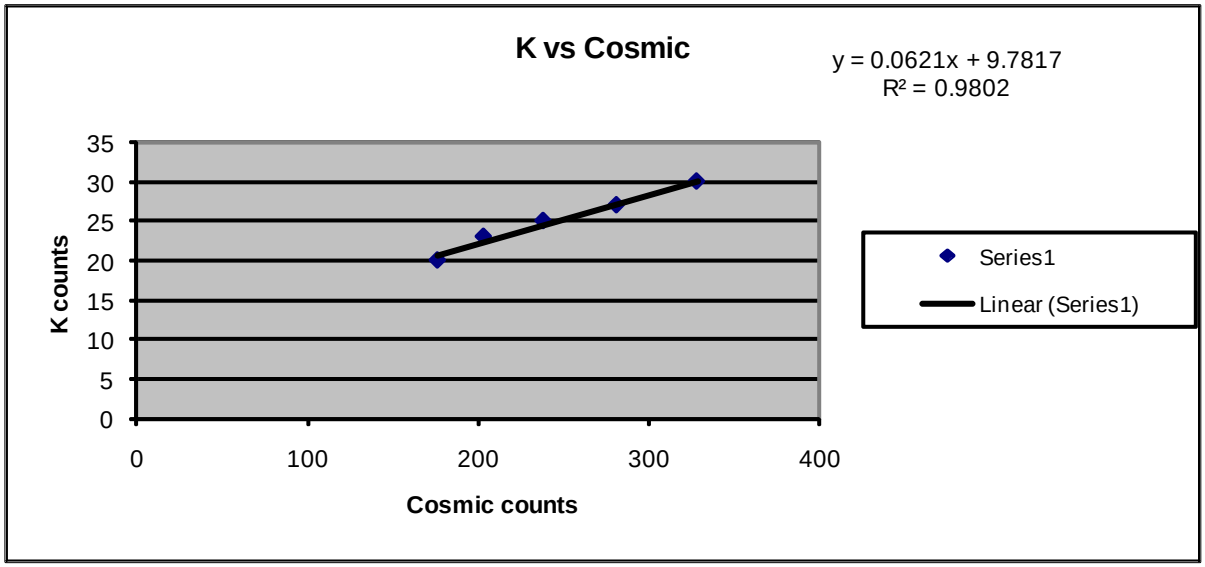
Further processing of the data may enhance subtle features that can be of importance for exploration purposes.

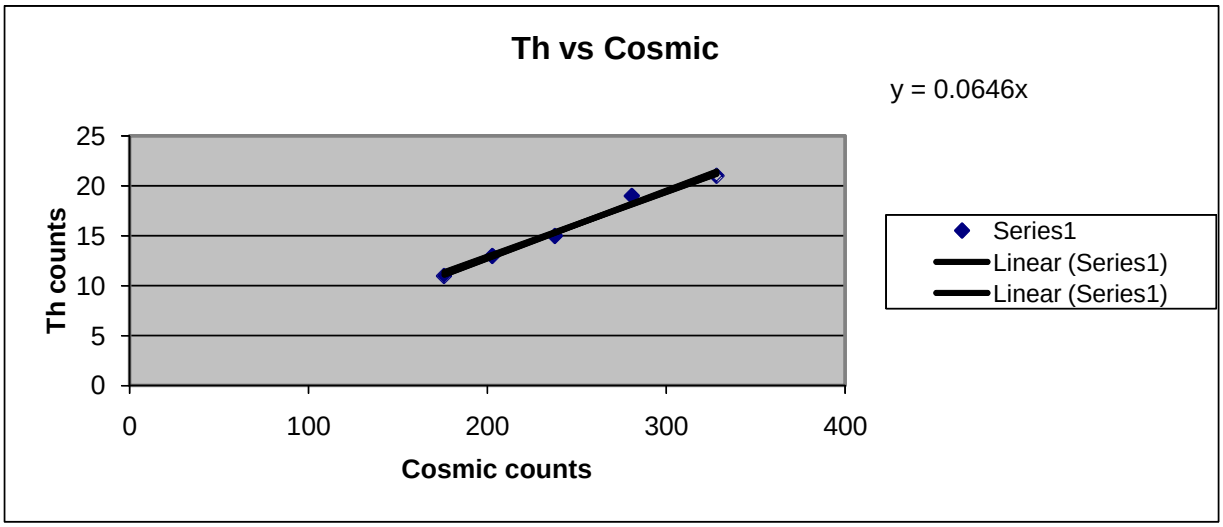
Respectfully submitted,

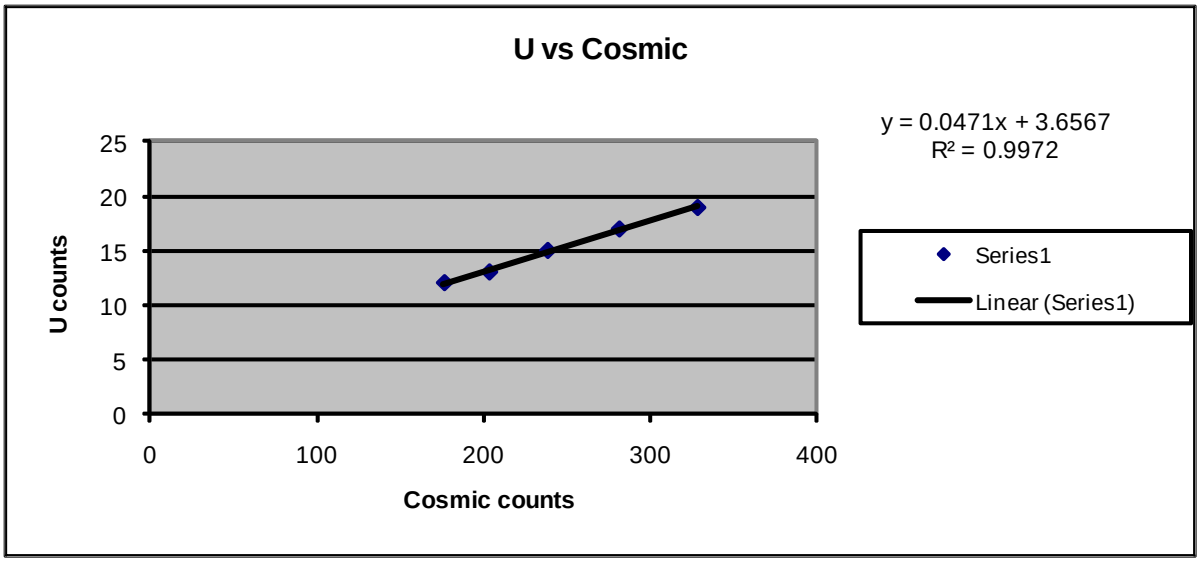
Andrei Yakovenko
New-Sense Geophysics Ltd.
Date: October 6th, 2010

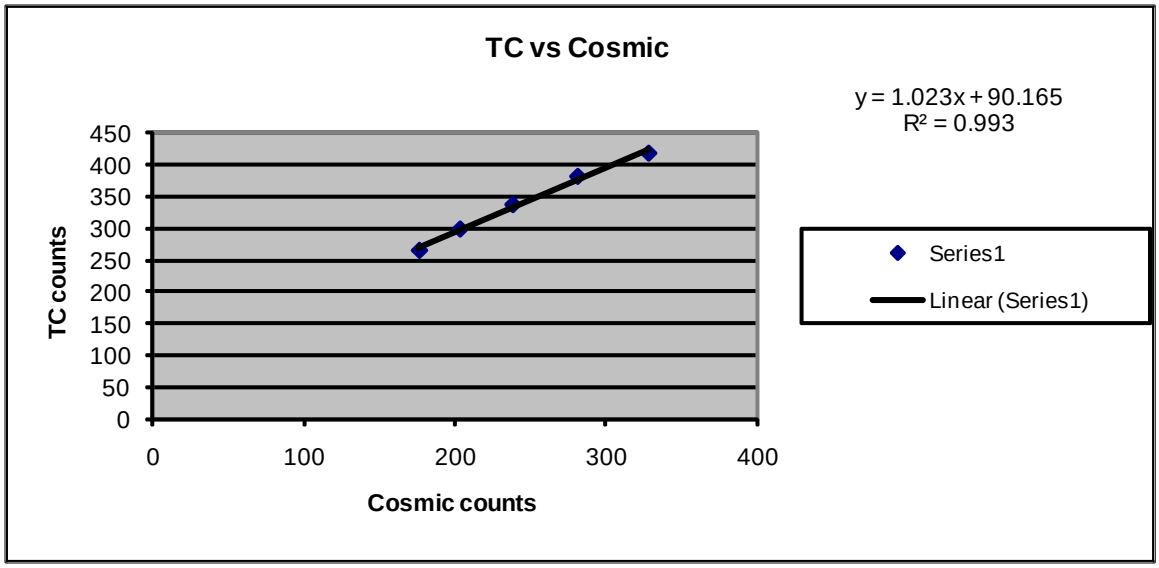
APPENDIX A: BACKGROUND AND COSMIC TESTS CHARTS

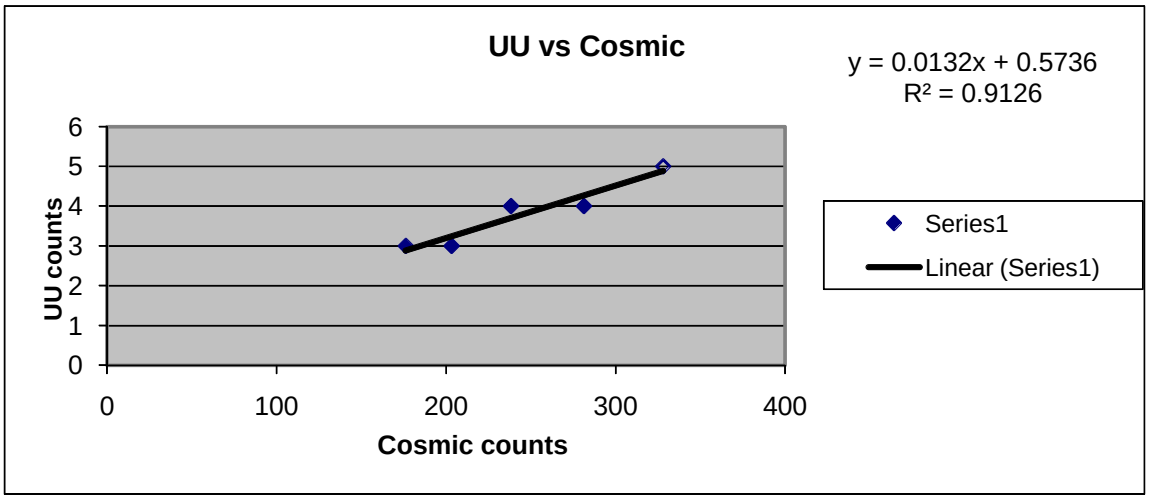
August 15, 2010





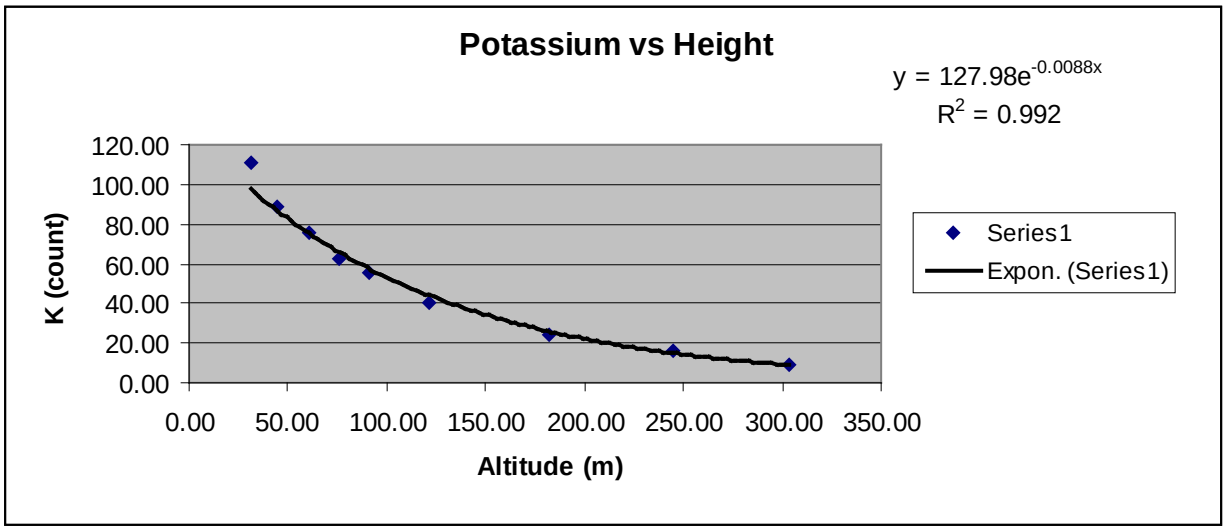

U vs Cosmic
y = 0.0471x + 3.6567
R² = 0.9972
U counts
Cosmic counts
Series1
Linear (Series1)

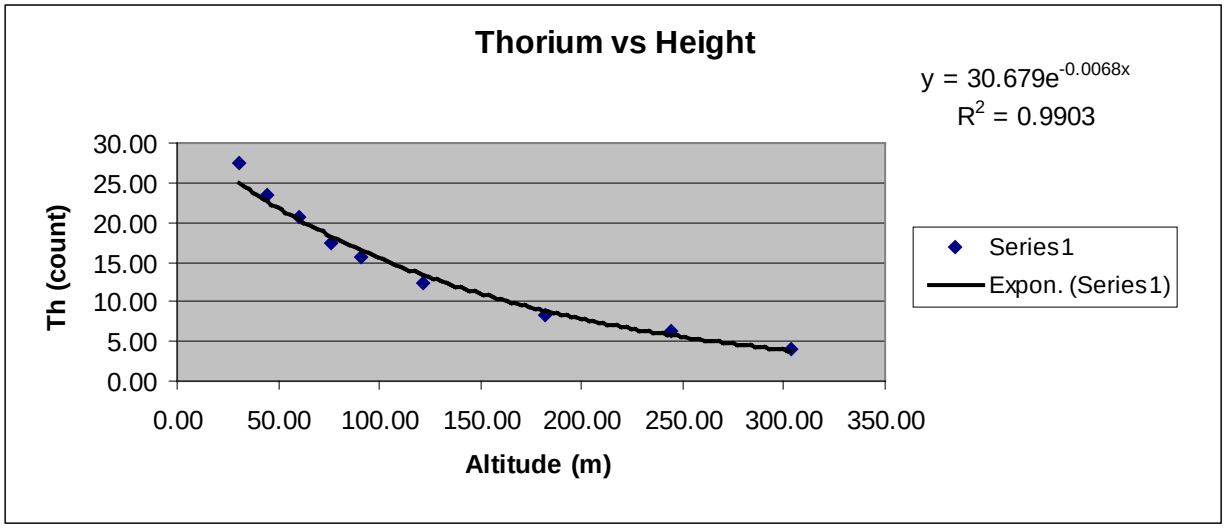

TC vs Cosmic
y = 1.023x + 90.165
R² = 0.993
TC counts
Cosmic counts
Series1
Linear (Series1)

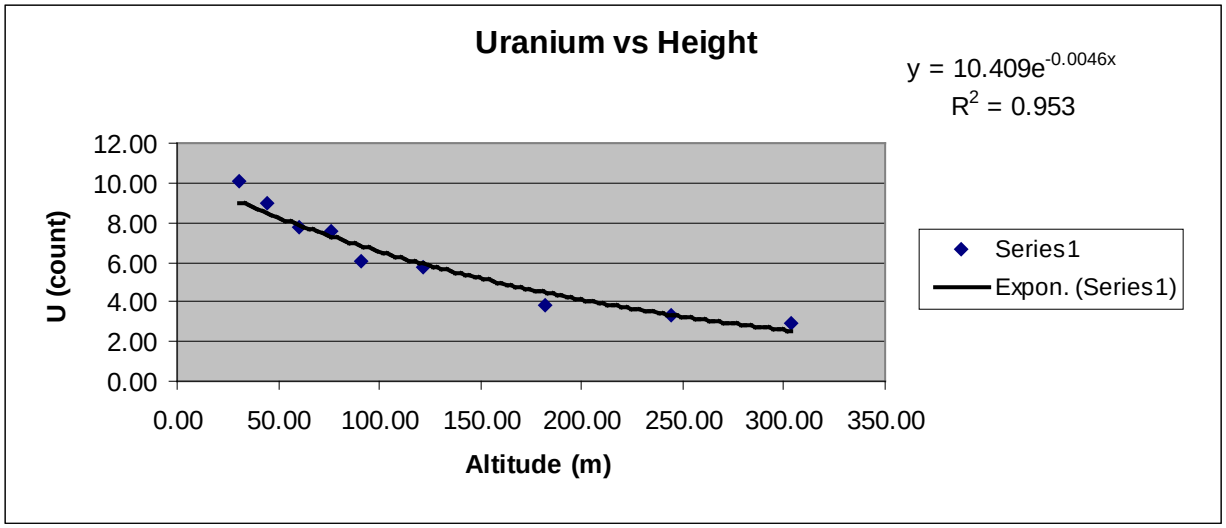

UU vs Cosmic
y = 0.0132x + 0.5736
R² = 0.9126
UU counts
Cosmic counts
Series1
Linear (Series1)

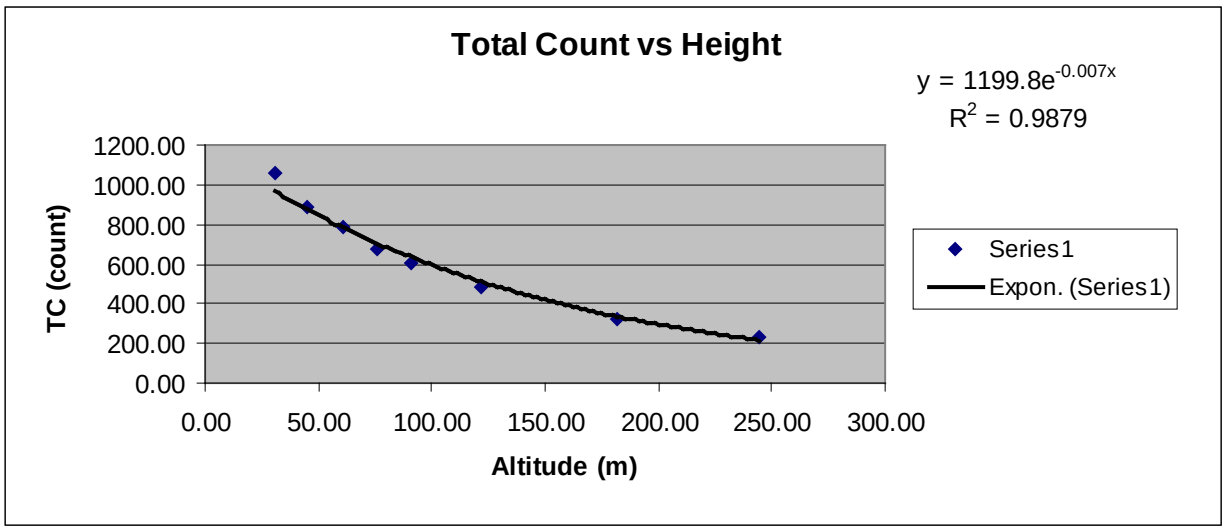
Height Attenuation Test Charts

August 20, 2010



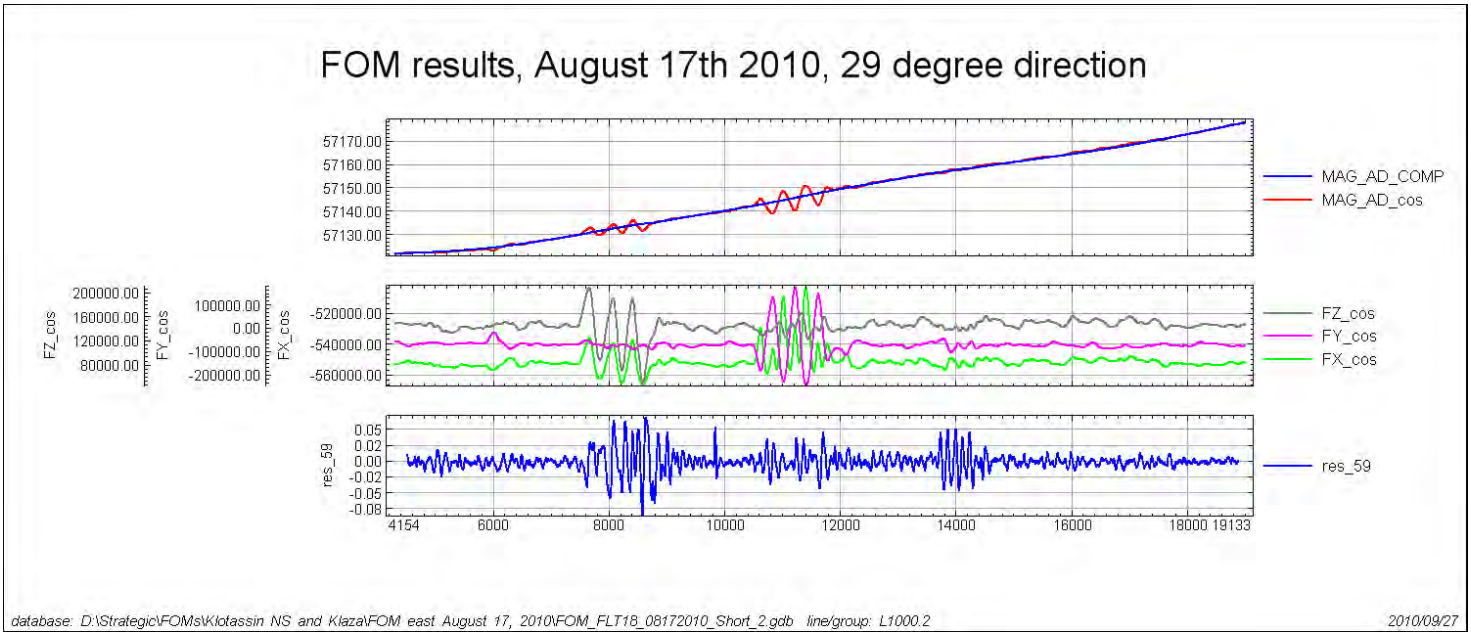



Uranium vs Height
y = 10.409e-0.0046x
R2 = 0.953
U (count)
12.00
10.00
8.00
6.00
4.00
2.00
0.00
0.00
50.00
100.00
150.00
200.00
250.00
300.00
350.00
Altitude (m)
Series1
Expon. (Series1)

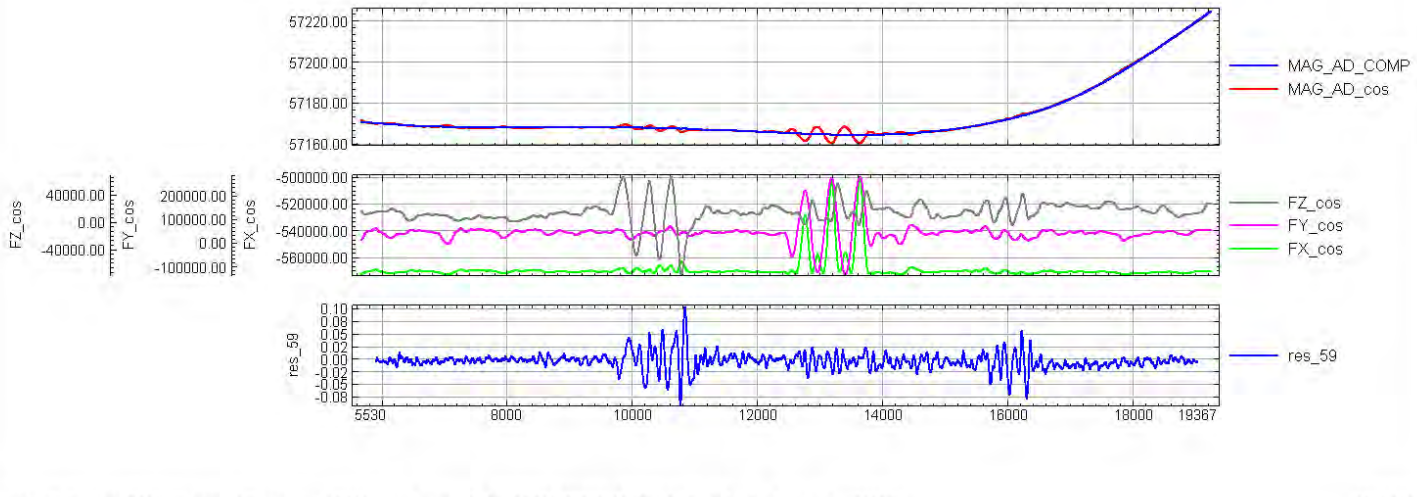

Total Count vs Height
y = 1199.8e-0.007x
R2 = 0.9879
TC (count)
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
0.00
50.00
100.00
150.00
200.00
250.00
300.00
Altitude (m)
Series1
Expon. (Series1)

APPENDIX B: FOM RESULTS

Rockhaven Resources, Yukon, Klaza block, August 17th, 2010					
line	**direction**	**pitch**	**roll**	**yaw**	**total**
1000	**29**	0.150	0.088	0.100	0.338
2000	**119**	0.200	0.060	0.130	0.390
3000	**209**	0.130	0.075	0.130	0.335
4000	**299**	0.113	0.110	0.158	0.380
	total	0.593	0.333	0.518	**1.443**



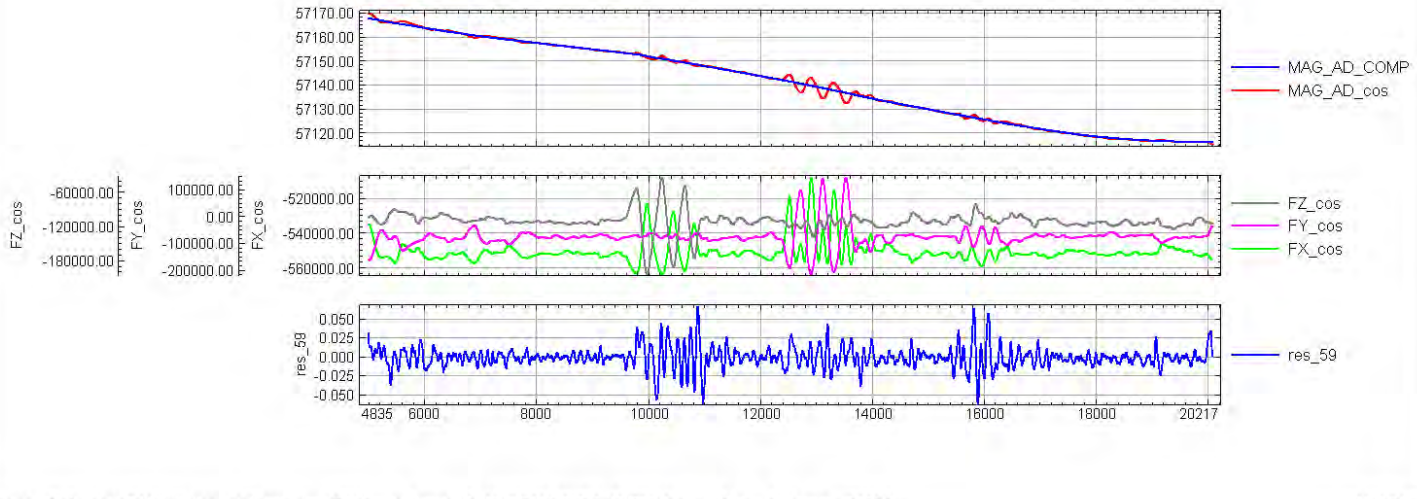
FOM results, August 17th 2010, 119 degree direction



database: D:\Strategic\FOMs\Klotassin NS and Klaza\FOM east August 17, 2010\FOM_FLT18_08172010_Short_2.gdb line/group: L2000.2

2010/09/27

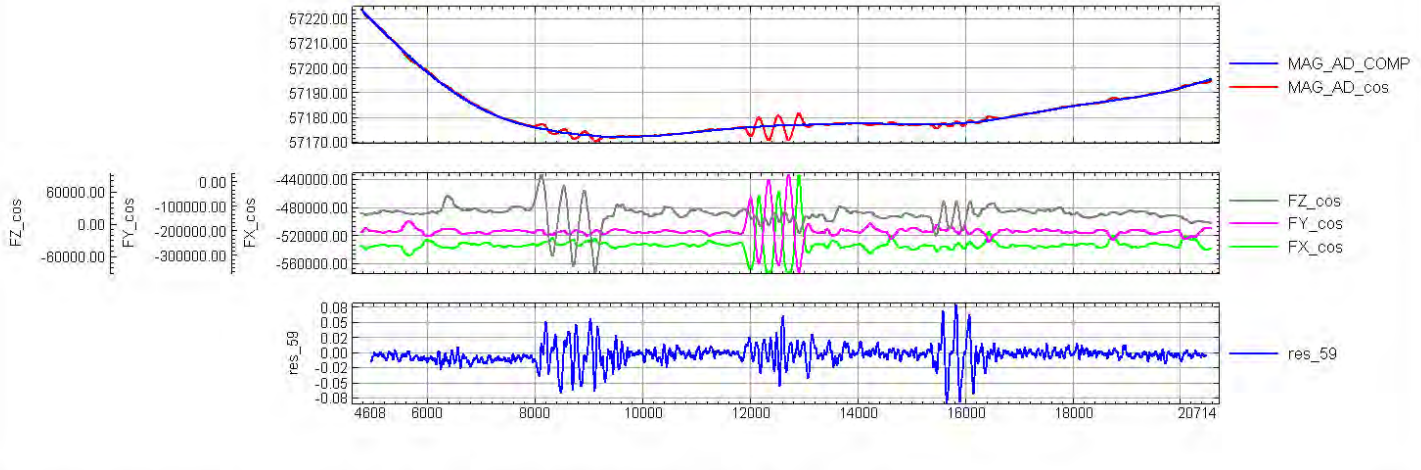
FOM results, August 17th 2010, 209 degree direction



database: D:\Strategic\FOMs\Klotassin NS and Klaza\FOM east August 17, 2010\FOM_FLT18_08172010_Short_2.gdb line/group: L3000.2

2010/09/27

FOM results, August 17th 2010, 299 degree direction



database: D:\Strategic\FOMs\Klotassin NS and Klaza\FOM east August 17, 2010\FOM_FLT18_08172010_Short_2.gdb line/group: L4000.2 *2010/09/27*

APPENDIX C: DATABASE DESCRIPTIONS

Magnetic Databases

Database Name: MAGNETIC_*blockname*_BK.gdb
Format: Geosoft .gdb
Number of Channels: 27

Note: If the database is opened in Oasis montaj, please load included "*Magnetic database channel display.dbview*" file to insure that ALL the channels are displayed in the same order as listed below (Database menu -> Get Saved View).

Channel Name	Units	Description
LINE	number	Line number
FLIGHT	number	Flight number
DATE	date	Date flown (YYMMDD)
FIDUCIAL	number	Fiducial count (flight specific)
SYSTEM_CLOCK	milsec	KANA8 (A/D converter) counter
UTM_X_NAD83	meters	UTM East in NAD83, North America, Zone 8N
UTM_Y_NAD83	meters	UTM North in NAD83, North America, Zone 8N
LATITUDE_WGS84	degrees	GPS latitude, WGS 84, World
LONGITUDE_WGS84	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT_WGS84	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	decimal seconds	UTC daily second counter (0-86399)
FLUX_X	volts	Fluxgate x-axis
FLUX_Y	volts	Fluxgate y-axis
FLUX_Z	volts	Fluxgate z-axis
RAD_ALT_feet	feet	Radar altimeter, height above ground
MAG_RAW	nT	Raw magnetometer data
MAG_COMP	nT	Compensated magnetometer data
DIURNAL	nT	Base station magnetometer data (filtered with 101point low pass filter)
MAG_DIURNAL_CORR	nT	Base station (diurnal) corrected magnetometer data
MAG_LAG_CORR	nT	Lag corrected magnetometer data
MAG_HEADING_CORR	nT	Heading corrected magnetometer data
IGRF	nT	Calculated IGRF, using 2010 model
MAG_IGRF_CORR	nT	IGRF corrected magnetometer data
MAG_SIMPLE_LVL	nT	Conventionally (simple) leveled magnetometer data
TMI_FINAL	nT	Final magnetometer data (a copy of MAG_SIMPLE_LVL)
VDV	nT/m	1st order Vertical Derivative (VDV)
DTM	meters	Calculated DTM channel

Radiometric Databases

Database Name: RADIOMETRIC_ *blockname*_BK.gdb
Format: Geosoft .gdb
Number of Channels: 34

Note: If the database is opened in Oasis montaj, please load included "*Radiometric database channel display.dbview*" file to insure that ALL the channels are displayed in the same order as listed below (Database menu -> Get Saved View).

Channel Name	Units	Description
LINE	number	Line Number
FLIGHT	number	Flight Number
DATE	date	Date flown (YYMMDD)
FIDUCIAL	number	Fiducial count (line specific)
UTM_X_NAD83	meters	UTM East in NAD83, North America, Zone 7N/8N
UTM_Y_NAD83	meters	UTM North in NAD83, North America, Zone 7N/8N
LATITUDE_WGS84	degrees	GPS latitude, WGS 84, World
LONGITUDE_WGS84	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT_WGS84	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	seconds	UTC daily second counter (0-86399)
RAD_ALT_feet	feet	Radar altimeter, height above ground
PRESSURE	mbar	Ambient pressure output
TEMPERATURE	degrees C	Ambient temperature output
DOWN_LIVE_TIME	seconds	Live time channel
RAW_Potassium	counts/sec	Raw Potassium channel
RAW_Thorium	counts/sec	Raw Thorium channel
RAW_Uranium	counts/sec	Raw Uranium channel
RAW_TotCount	counts/sec	Raw Total Count channel
RAW_UpDet	counts/sec	Raw upward looking crystal Uranium channel
COSMIC	counts/sec	Raw Cosmic channel from downward looking crystals
SPECTRUM	counts/sec	1024 channel down spectrum
EQUIVALENT_HEIGHT_m	meters	Equivalent height above ground at STP
K_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Potassium counts
Th_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Thorium counts
U_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Uranium counts
TC_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Total Count counts
K_FINAL_CORR	counts/sec	Final Potassium counts; microleveled (if applicable, se section 7.5.6.8 for details)

Th_FINAL_CORR	counts/sec	Final Thorium counts; microleveled (if applicable, se section 7.5.6.8 for details)
U_FINAL_CORR	counts/sec	Final Uranium counts; microleveled (if applicable, se section 7.5.6.8 for details)
TC_FINAL_CORR	counts/sec	Final Total Count counts; microleveled (if applicable, se section 7.5.6.8 for details)
K_Percent	%	Estimated concentrations of Potassium
eTh	ppm	Estimated equivalent concentrations of Thorium
eU	ppm	Estimated equivalent concentrations of Uranium
DOSE_RATE	nGy/h	Natural air absorption Dose Rate

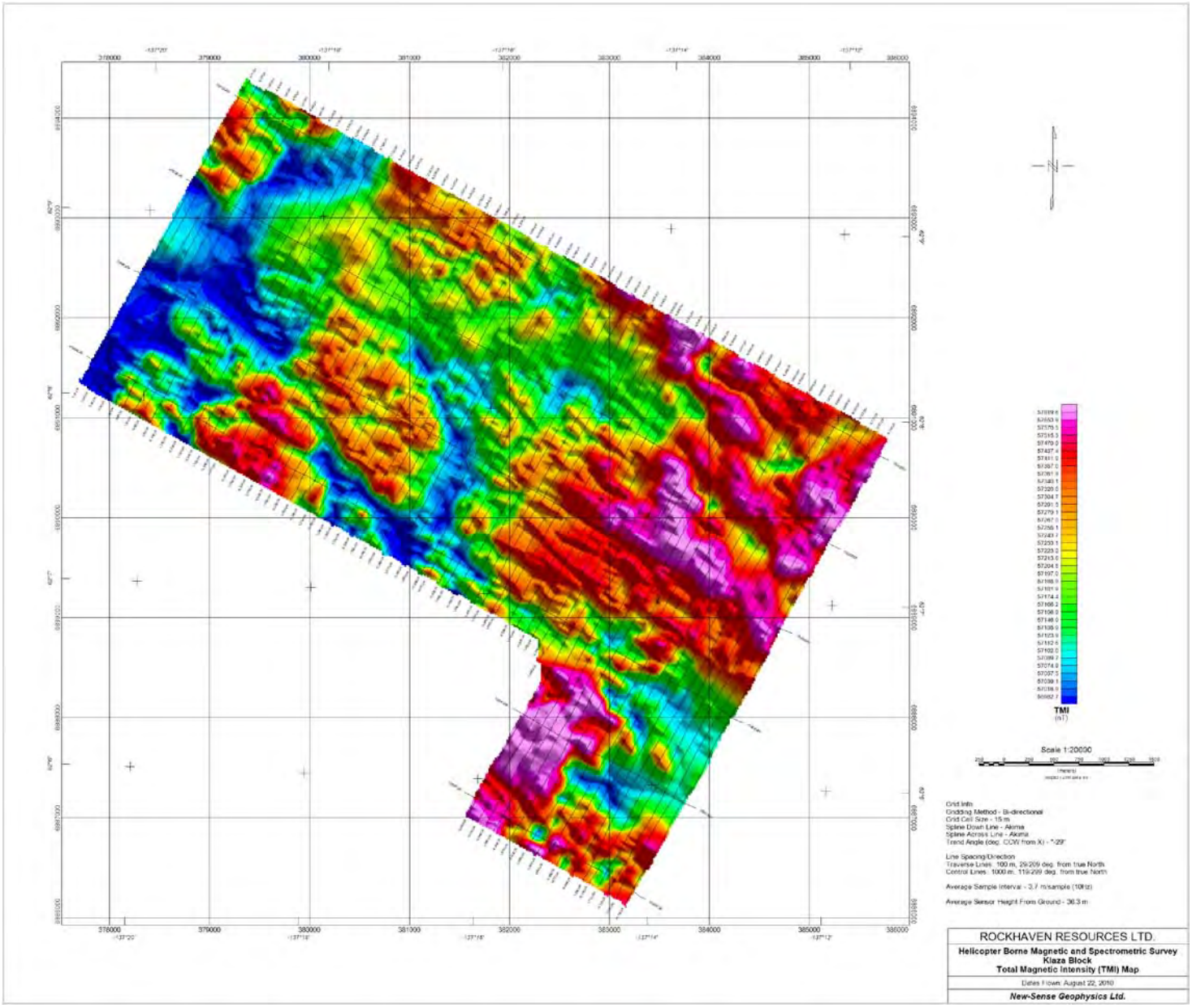
APPENDIX D: RSX-5 SPECTROMETER (SN 5503): DAILY RESOLUTION TESTS RESULTS

Executed 2010/08/22 12:36:58

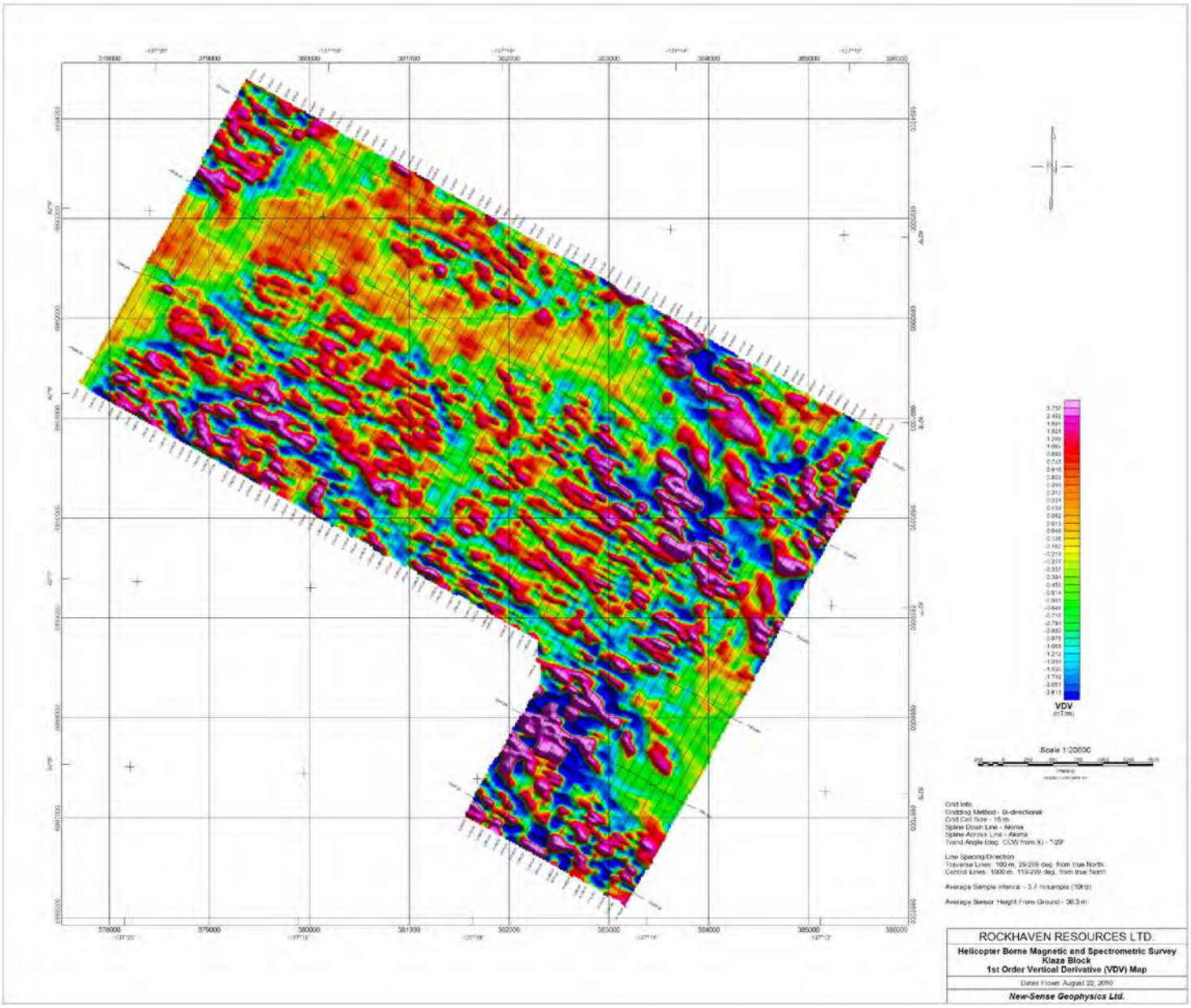
Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2006	2012	2016	2002	8037
Gain	1.000712	0.987209	1.016806	0.988025	1.082692	-
Peak	871.25 (+/- 0.426)	875.26 (+/- 0.745)	872.84 (+/- 0.569)	871.69 (+/- 0.586)	866.97 (+/- 1.532)	872.38 (+/- 0.272)
FWHM	4.22 (+/- 1.047)	4.88 (+/- 2.030)	4.90 (+/- 1.563)	5.35 (+/- 1.552)	5.93 (+/- 5.421)	4.81 (+/- 0.714)

APPENDIX E: IMAGES OF FINAL MAPS

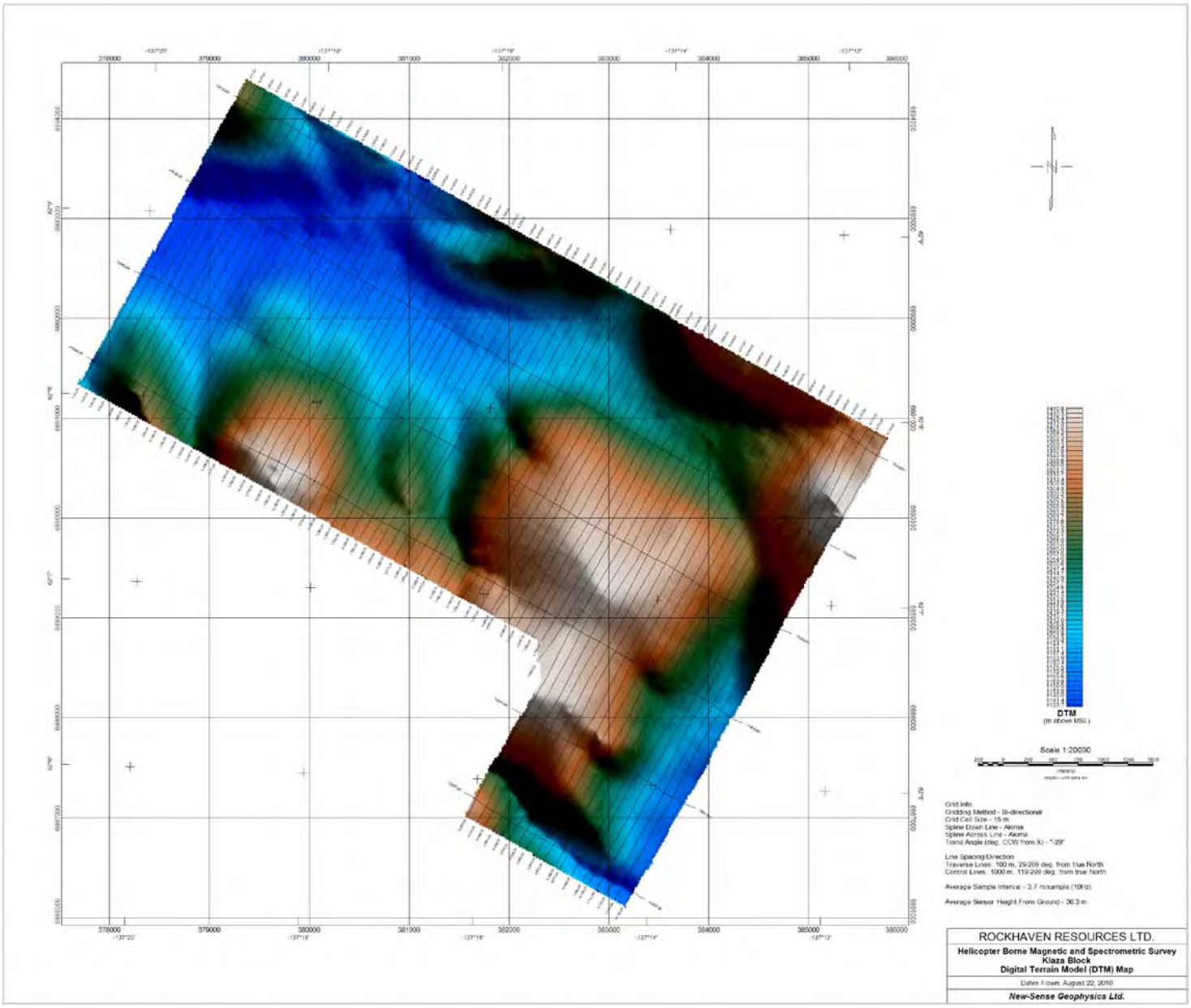
Klaza Block Image of TMI FINAL Map



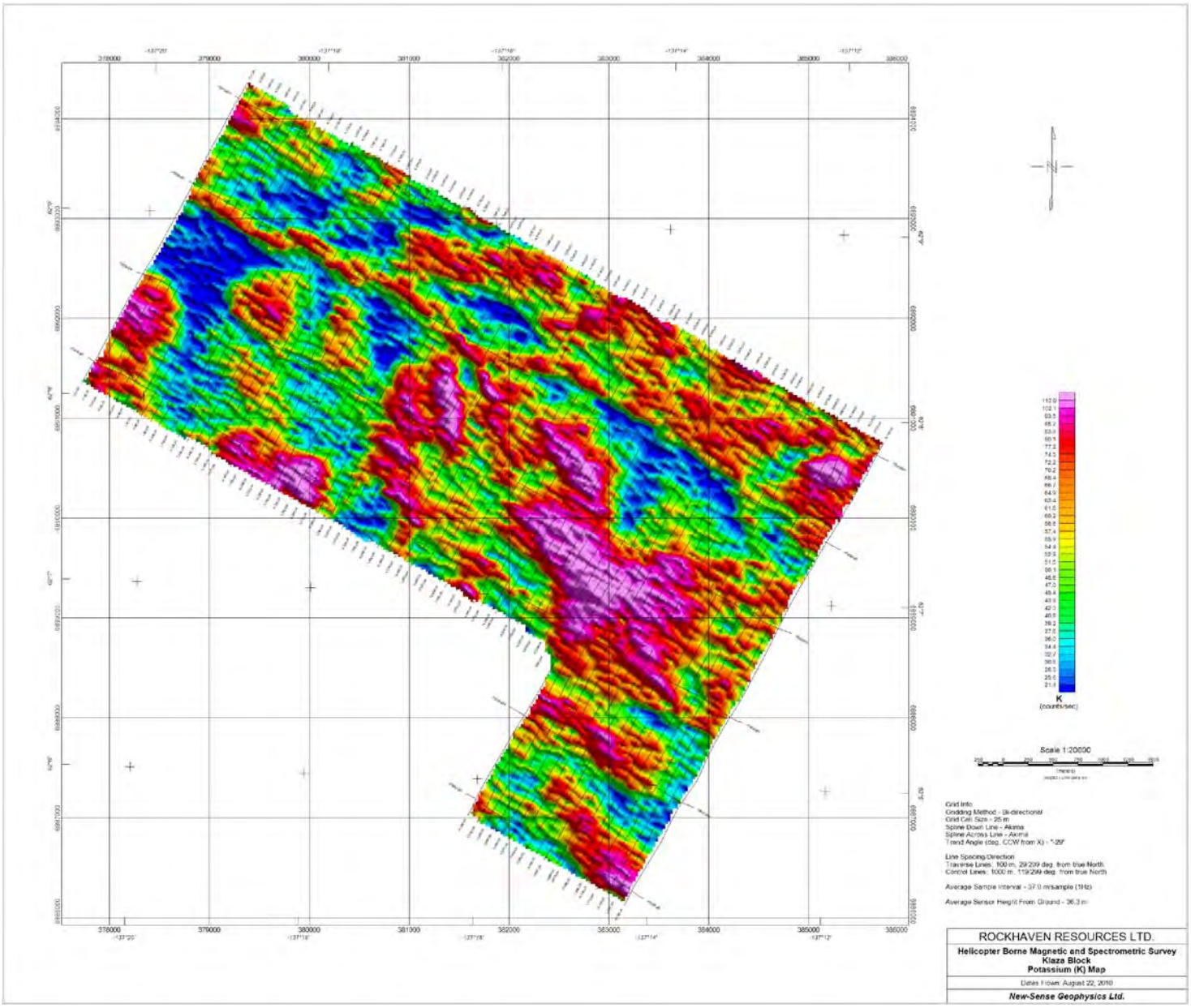
Klaza Block Image of VDV Map



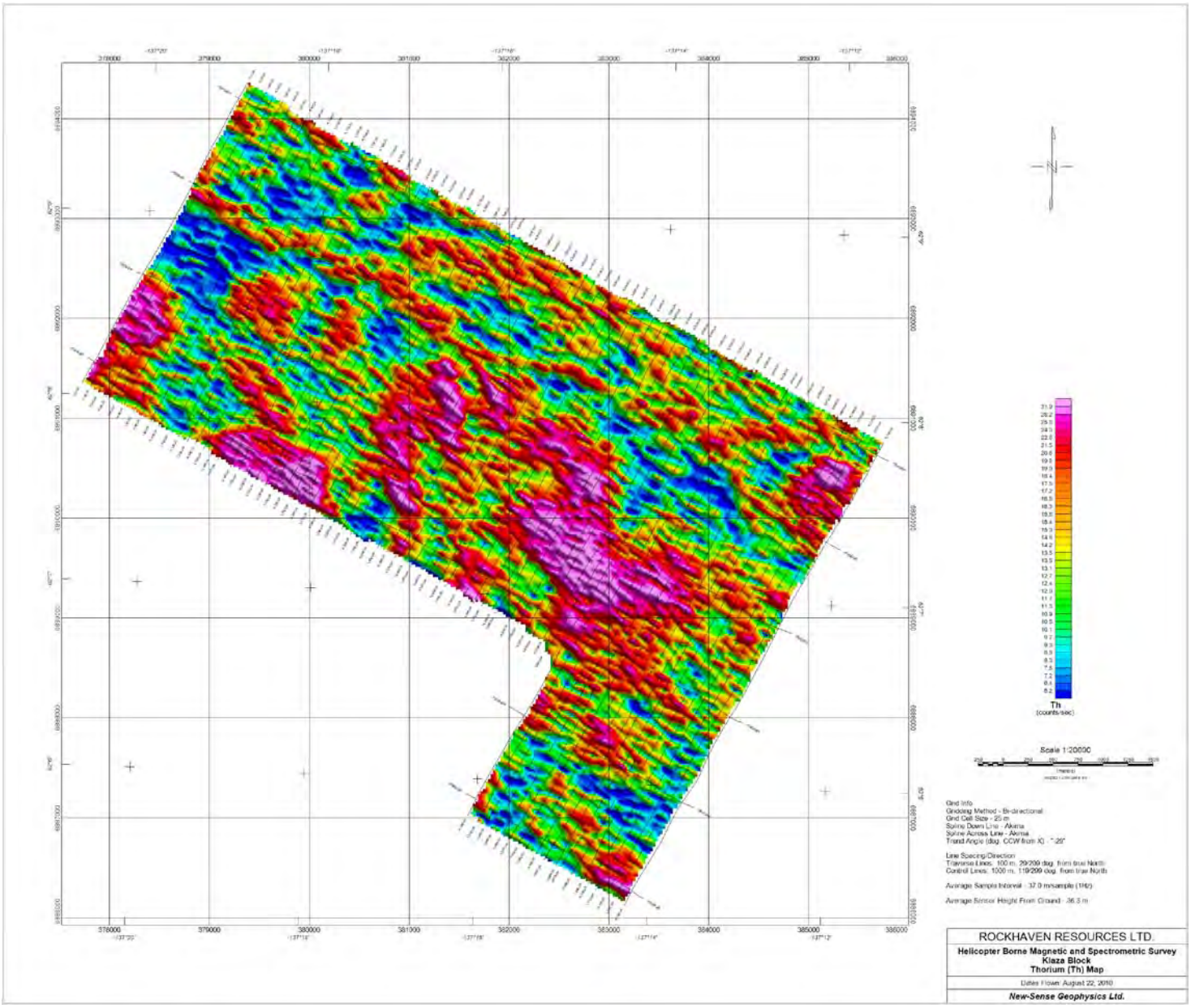
Klaza Block Image of DTM Map



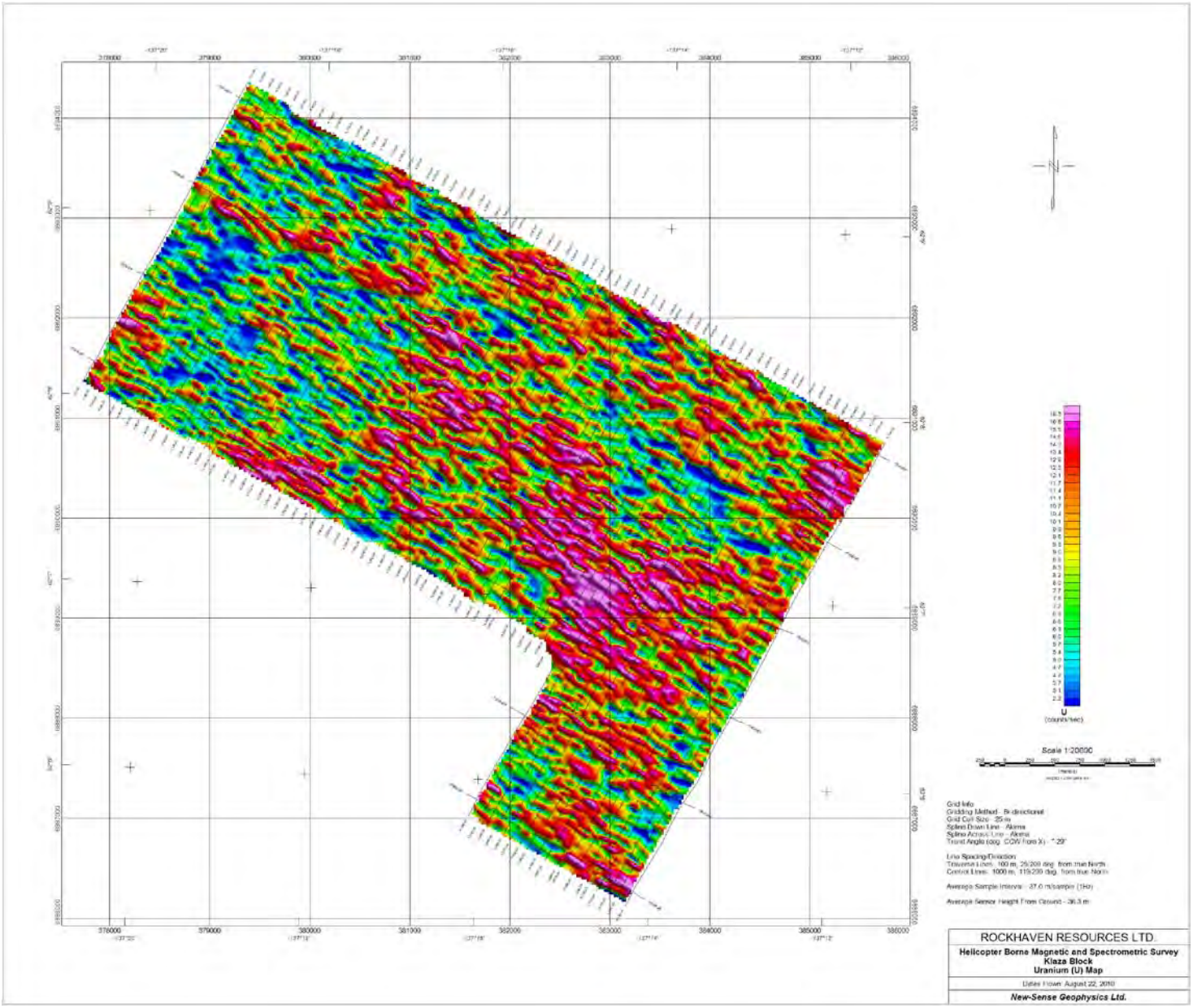
Klaza Block Image of Potassium Map



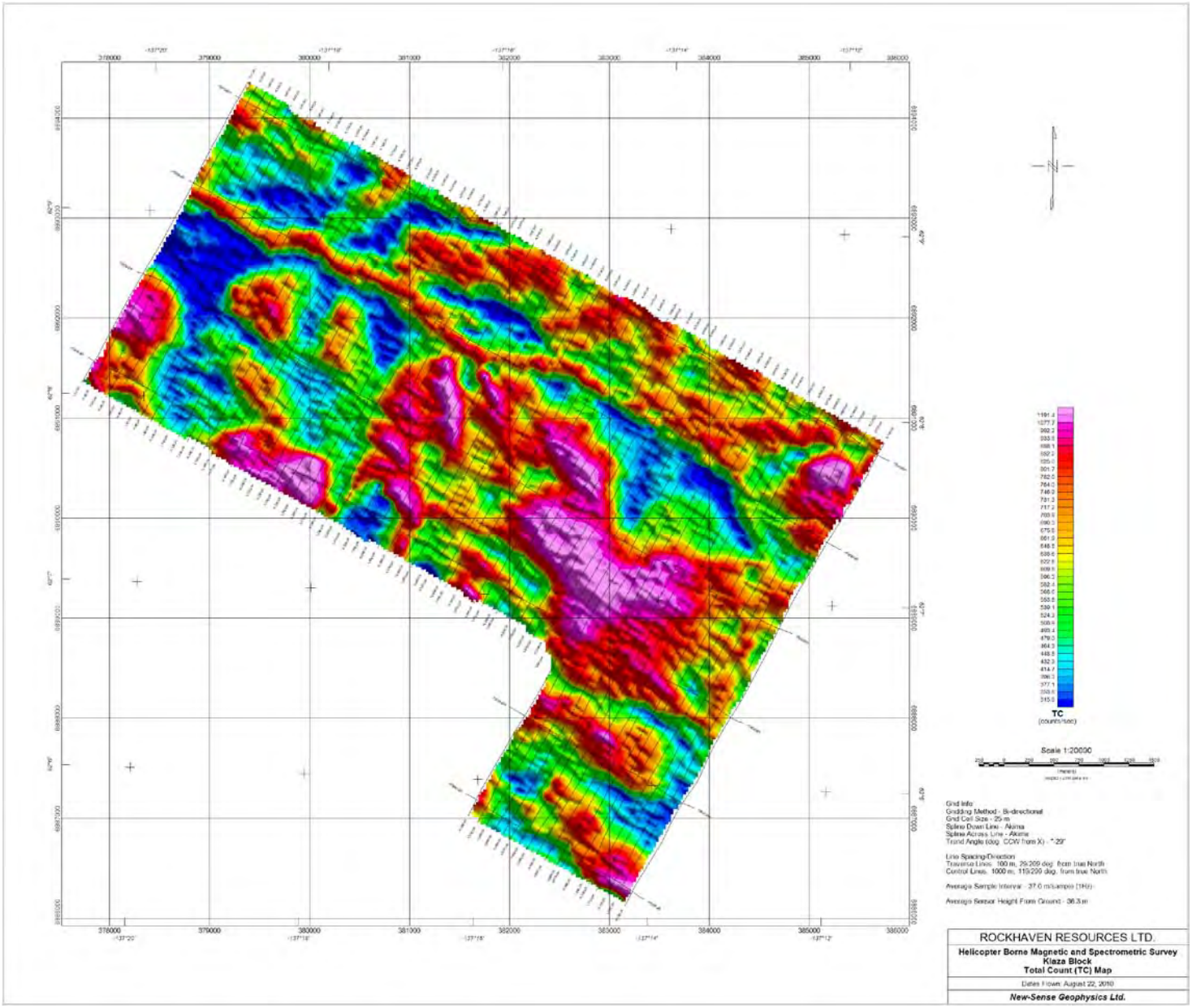
Klaza Block Image of Thorium Map



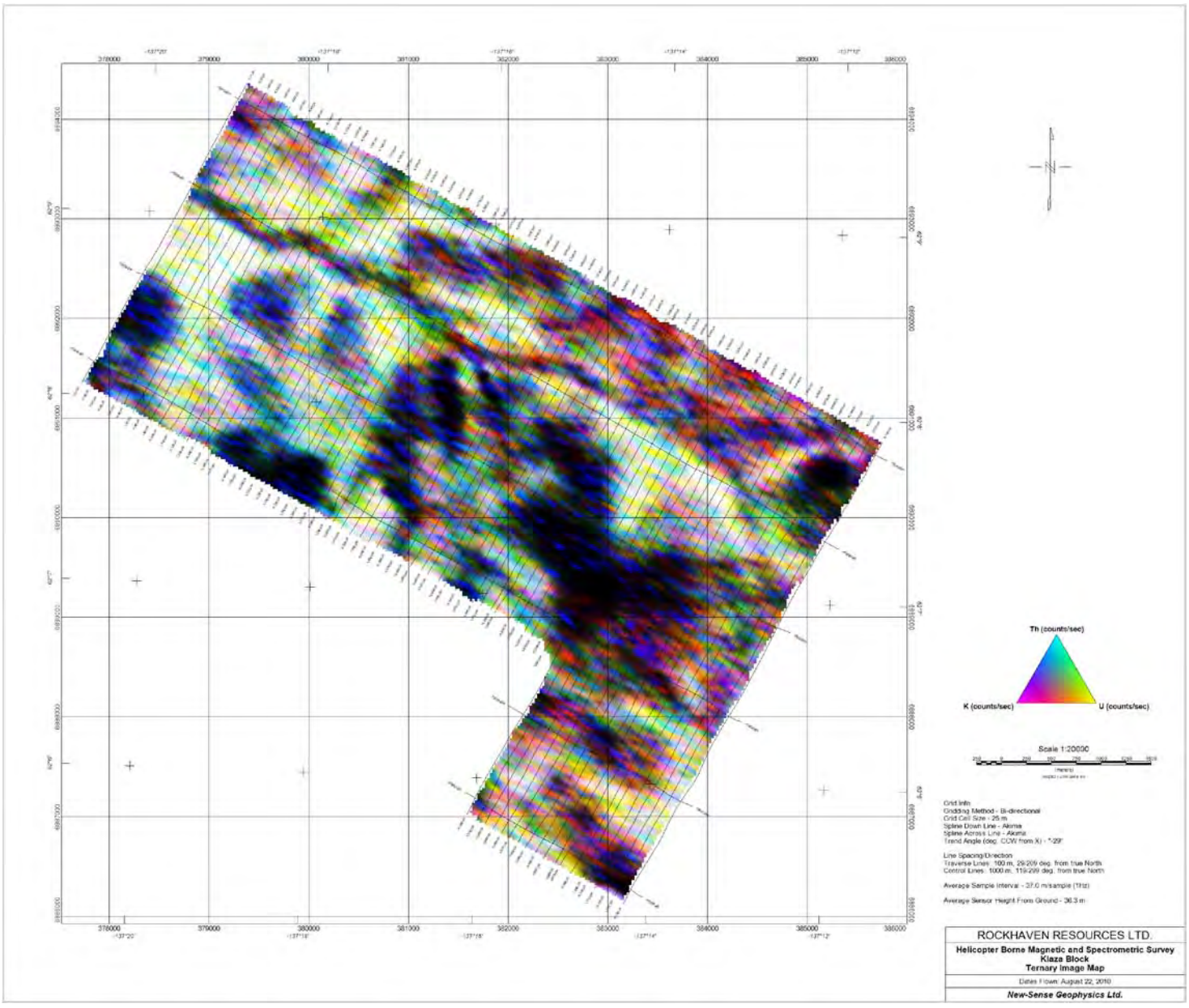
Klaza Block Image of Uranium Map



Klaza Block Image of Total Count Map



Mint Block Image of Ternary Map



APPENDIX F: MICROLEVELLING DESCRIPTION

As per PGW Microlevelling GX help file available through Geosoft Oasis montaj 7.2

DECORR.GX Version 3.0
Paterson, Grant & Watson Limited
March 2003

PARAMETERS: (miclev group parameters are used, so that values set will be passed to MICLEV.GX)

```
   miclev.Xchan = x channel (default "x")
         .Ychan = y channel (default "y")
         .Ochan = original data channel (no default)
         .Nchan = decorrugation noise channel (default "dcor_noise")
         .Space = flight line spacing
         .Dir   = flight line direction in degrees azimuth (clockwise
                  from North)
         .Cell  = cell size to use for gridding (default = line spacing/5)
         .Wlen  = decorrugation high-pass wavelength (default = 4 * line
                  spacing)
         .Ogrid = original output grid, new or existing
         .Nnoise= decorrugation noise grid
         .XY    = Xmin,Ymin,Xmax,Ymax            (optional)
         .LOGOPT= Log option                     (optional)
         .LOGMIN= Log minimum                    (optional)
         .DSF   = Low-pass desampling factor     (optional)
         .BKD   = Blanking distance              (optional)
         .TOL   = Tolerance                      (optional)
         .PASTOL= % pass tolerance               (optional)
         .ITRMAX= Max. iterations                (optional)
         .ICGR  = Starting coarse grid           (optional)
         .SRD   = Starting search radius         (optional)
         .TENS  = Internal tension (0-1)         (optional)
         .EDGCLP= Cells to extend beyond data    (optional)
```

DESCRIPTION:

decorr.gx and miclev.gx implement a procedure called micro-levelling which removes any low-amplitude component of flight line noise still remaining in airborne survey data after tie line levelling. Micro-levelling calculates a correction channel and adds it to the profile database. This correction is subtracted from the original data to give a set of levelled profiles, from which a final levelled grid may then be generated. Microlevelling has the advantage over standard methods of decorrugation that it better distinguishes flight line noise from geological signal, and thus can remove the noise without causing a loss in resolution of the data.

To microlevel data, first run decorr.gx, then miclev.gx. decorr.gx offers two options for the grid of the channel to be microlevelled. If a grid prepared from this channel already exists, it may be specified, and when prompted to overwrite, the user should answer no. If the user wishes to prepare a new grid of the channel to be microlevelled, the minimum curvature gridding algorithm (rangrid.gx) is

applied. The advanced button provides access to the standard minimum curvature gridding parameters. Once the gridding is completed, decorr.gx applies a directional high-pass filter (see end note) perpendicular to the flight line direction, in order to produce a decorrugation noise grid. (The default grid cell size is 1/5 of the line spacing. The user may specify a different cell size if desired. A smaller cell size will give a more accurate result, but a larger cell size will make the gx run faster and use less disk space.) The noise grid is then extracted as a new channel in the database (default name is "dcor_noise"). This channel contains the line level drift component of the data, but it also contains some residual high-frequency components of the geological signal. miclev.gx applies amplitude limiting and low-pass filtering to the noise channel in order to remove this residual geological signal and leave only the component of line level drift, which is then subtracted from the original data to produce a levelled output channel named "miclev".

decorr.gx calculates default amplitude limit and filter length values for use in miclev.gx, but the skilled user may be able to set better values for these parameters based on an inspection of the noise grid. (The micro-levelling process is broken up into two separate GXes in order to allow the user to do this.) Flight line noise should appear in the decorrugation noise grid as long stripes in the flight-line direction, wheras geological anomalies should appear as small spots and cross-cutting lineaments, generally with a higher amplitude than the flight line noise, but with a shorter wavelength in the flight-line direction. The user can estimate the maximum amplitude of the flight line noise, and set the noise amplitude limit value accordingly. Similarly the user can estimate the minimum wavelength of the level drift along the flight lines, and set the low-pass Naudy filter width to half this wavelength. The defaults are to set the amplitude limit equal to the standard deviation of the noise grid, and to set the filter width equal to five times the flight line spacing.

There is an option of using either of two kinds of amplitude limiting. In "clip" mode any value outside the limit is set equal to the limit value. In "zero" mode any value outside the limit is set equal to zero. The clip mode makes more sense intuitively, but it has been found in practise that the zero mode may reject geologic signal better, depending on the particular data set. As a rule the zero mode works better on datasets in which the noise grid contains a lot of high-amplitude geological signals (e.g. shallow basement areas). For datasets in which the noise grid contains mainly flight line noise (e.g. sedimentary basins), the clip mode works better.

Microlevelling applies a level correction to the traverse lines only. If it is desired to grid the tie lines together with the micro-levelled traverse lines, then it may be necessary to also apply a level correction to the tie lines so that their values agree with the micro-levelled traverse lines at the intersections. This may be done as follows:

1) Copy the tie line values to the microlevelled channel.

2) Use intersct.gx to find cross-difference values for the microlevelled data.

3) Use xlevel.gx to load these cross-difference values to the tie lines.

4) Apply fulllev.gx to the tie lines. The output will be a set of tie lines that matches the microlevelled traverse lines at all inter-

sections.

5) Copy the microlevelled traverse line values into the same channel as the corrected tie line values.

Decorrugation Filter:

The decorrugation noise filter is a sixth-order high-pass Butterworth filter with a default cutoff wavelength of four times the flight line spacing, combined with a directional filter. The directional filter coefficient as a function of angle is F=(sin(a))^2, where a is the angle between the direction of propagation of a wave and the flight line direction,i.e. F=0 for a wave travelling along the flight lines, and F=1 for a wave travelling perpendicular to them. (Note this is the exact opposite of what is usually called a decorrugation filter, since the intention here is to pass the noise only, rather than reject it.)

The default cutoff wavelength (4 * line spacing) gives good results if the data is already fairly well levelled to start with. In cases where many lines are badly mis-levelled, it may be necessary to set a longer cutoff wavelength, at the risk of removing more geological signal.

APPENDIX VII

CONDOR CONSULTING INC. GEOPHYSICAL REPORT

Assessment of Airborne Magnetics and Radiometrics Surveys at the Klaza Prospect

A 326 line km helicopter magnetic and radiometric survey has been completed over the Klaza project by New-Sense Geophysics Ltd. (New-Sense) for Rockhaven Resources Ltd. (Rockhaven). The survey area covers a known polymetallic vein prospect (Esansee) that has been drilled and is located approximately 50 km west of Carmacks in the Yukon Territory. Condor Consulting, Inc. **(**Condor) has been commissioned to assess the data sets and provide a 3D model of the magnetics. Refer to New-Sense's logistic report (HMR100821) for any additional survey details. Figure 1 shows the location of the survey area and flight path.

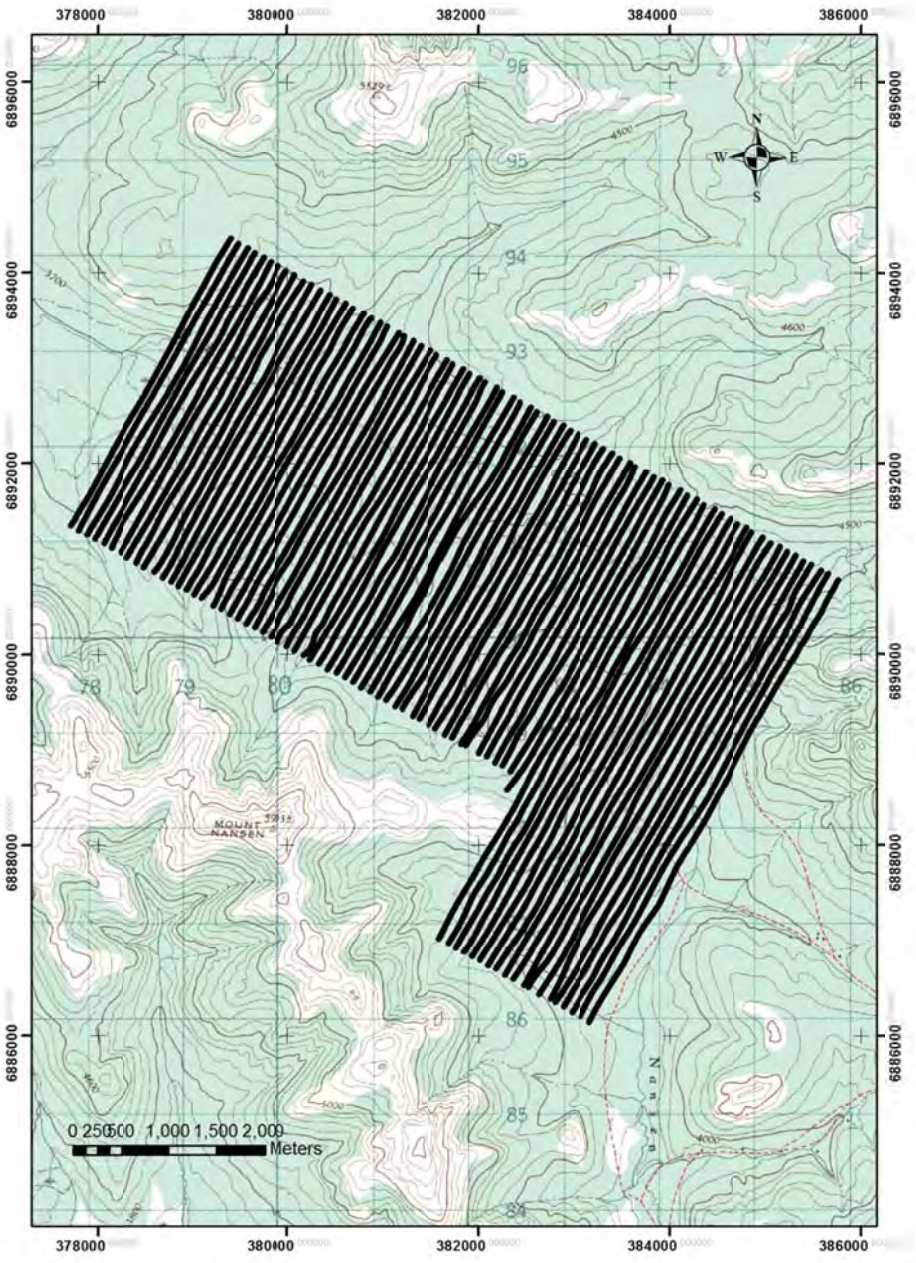


Figure 1: Klaza airborne magnetics and radiometrics survey flight path.

The range of the magnetic response across the survey area is approximately 1,100 nT. The results exhibit a north-west rending structural fabric throughout the data set which can be seen in Figure 2. Anomalous stream sediment As and Au samples (up to 27.5 ppm and 45 ppb respectively) were collected in the central portion of the survey area. It is recommended that the zones corresponding to the interpreted structures be followed up with a field check and subsequent mapping and sampling.

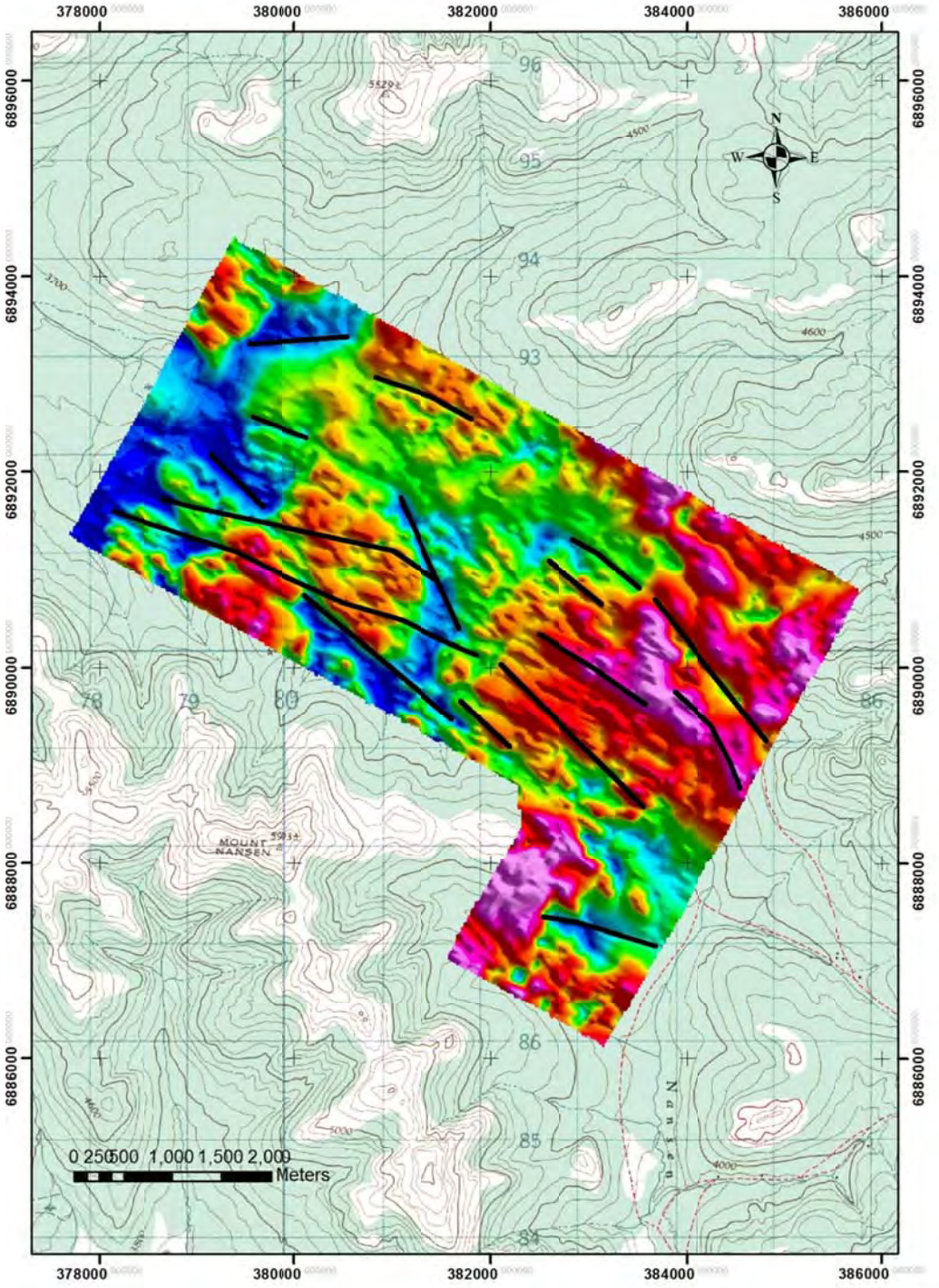


Figure 1: Klaza total magnetic intensity image and interpreted structural lineaments.

The University of British Columbia (UBC) 3D magnetic inversion program MAD3D (version 4.0) was used to produce a model of the magnetics data. MAG3D is a program library for carrying out forward modeling and inversion of surface, airborne, and/or borehole magnetic data in the presence of a three dimensional Earth. Data are assumed to be the anomalous magnetic response to buried susceptible material, not including Earth's ambient field. The model is specified using a mesh of rectangular cells, each with a constant value of susceptibility, and topography is included. The magnetic response can be calculated anywhere within the model volume, including above the topography, simulating ground or airborne surveys, and inside the ground simulating borehole surveys. Figure 3 displays the 3D inversion results of the magnetics data at Klaza.

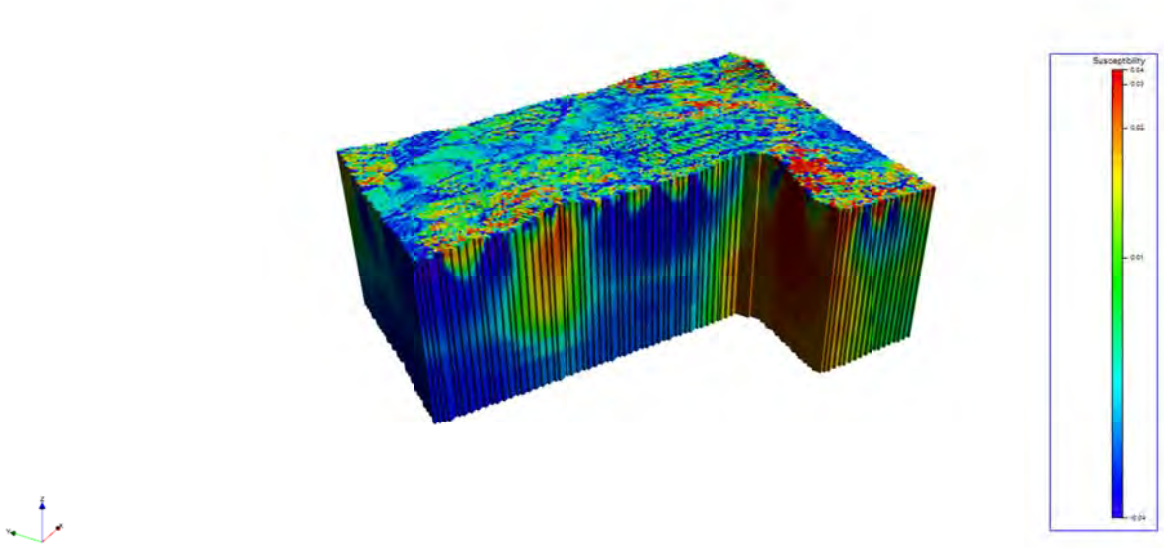


Figure 3: Klaza 3D magnetic model.

The elevated radiometrics response appears to generally correlate with the higher elevations and portions of the Klaza River.

The following products can be found and downloaded from the Condor ftp site (ftp://ftp.condorconsult.com , user id: archer@condorconsult.com , password: skywalker19):

- Summary report of the assessment
- Registered images of the airborne magnetics and radiometrics (NAD83, Zone 8N)
- 3D magnetic model and associated sections
- ArcGIS formatted .shp file of the interpreted lineaments derived from the magnetics

It is recommended that the results of the airborne magnetics and radiometrics data be compared with any available geologic and geochemical information in order to help advance the exploration program at Klaza. Specifically, the results from the reported trenching campaigns should be compared with the geophysical data sets.

Respectfully submitted;

Mark Goldie

Condor Consulting, Inc.

November 30, 2010

References:

Li, Y. and Oldenburg, D. W., 1996, 3-D Inversion of Magnetic Data: Geophysics, 61, no. 02, 394-408.

Yakovenko, A., Logistics Report for the High Resolution Helicopter Magnetic and Gamma-ray Spectrometric Airborne Geophysical Survey flown over Klaza Project Property, Yukon, from Carmacks, Yukon carried out on behalf of Rockhaven Resources Ltd. by New-Sense geophysics Limited, Project # HMR100821, October 2010.

APPENDIX VIII

QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC)

2010 Diamond Drilling Standard Results

	CDN-SE-01			CDN-SE-02			PL-02		
Batch ID	Sample ID	Gold (ppm)	Silver (ppm)	Sample ID	Gold (ppm)	Silver (ppm)	Sample ID	Gold (ppm)	Silver (ppm)
Batch 1	-	-	-	J982427	0.234	342	-	-	-
	-	-	-	J982438	0.23	336	-	-	-
Batch 2	-	-	-	J982474	0.203	345	J982466	3.3	424
Rerun#1	-	-	-	J982474	0.181	-	J982466	3.33	-
Rerun#2	-	-	-	J982474	0.246	-	-	-	-
Batch 3	-	-	-	J982497	0.252	346	-	-	-
	-	-	-	J980012	0.248	345	-	-	-
Batch 4	-	-	-	J980027	0.251	354	-	-	-
	-	-	-	J980046	0.243	345	-	-	-
Batch 5	-	-	-	J980073	0.237	325	J980083	3.28	411
Batch 6	-	-	-	-	-	-	J980098	3.19	421
	-	-	-	-	-	-	E147120	3.32	417
Batch 7	-	-	-	-	-	-	E147136	3.32	426
	-	-	-	-	-	-	E147202	3.32	423
Batch 8	E147245	0.475	691	-	-	-	E147233	3.33	444
Batch 9	E147320	0.499	679	-	-	-	E147329	3.34	411
Batch 10				E147414	0.248	337	E147407	3.08	421
Batch 11	E147452	0.492	722	-	-	-	E147439	2.95	436
Batch 12	E147476	0.518	695	-	-	-	E147487	3.48	426
Rerun#1	E147476	0.488	705	-	-	-	E147487	NSS	411-
Batch 13	-	-	-	J981215	0.242	341	-	-	-
Batch 14	J981227	0.498	680	-	-	-	J981236	3.35	406
Batch 15	J981277	0.501	707	-	-	-	J981266	3.09	440
Batch 16	E146658	0.49	685	-	-	-	E146653	3.34	423
Batch 17	E146690	0.449	718	-	-	-	E146699	3.47	431
Batch 18	E146726	0.463	689	-	-	-	E146740	3.22	420
Batch 19	E146771	0.469	672	-	-	-	E146764	3.31	412
Batch 20	J980861	0.493	682	-	-	-	J980854	3.34	418
Batch 21	J980886	0.485	702	-	-	-	J980897	3.36	429
Batch 22	J980929	0.493	690	-	-	-	J980915	3.39	420
Batch 23	J980966	0.518	783	-	-	-	J980954	3.36	402
Rerun#1	J980966	0.502	716	-	-	-	J980954	NSS	403
Batch 24	J980997	0.477	685	-	-	-	J980991	3.32	413
Batch 25	G286026	0.489	658	-	-	-	G286018	3.38	404

2010 Diamond Drilling Blank Results

Batch ID	Sample ID	Gold (ppm)	Silver (ppm)
Batch 1	J982421	<0.005	<0.2
	J982432	0.008	0.2
	J982447	0.005	1.2
Batch 2	J982461	0.01	0.3
	J982485	<0.005	0.5
Re-run #1	J982461	0.016	-
	J982485	<0.005	-
Re-run #2	J982461	0.012	-
	J982485	<0.005	-
Batch 3	J980006	<0.005	<0.2
	J980019	<0.005	<0.2
Batch 4	J980035	<0.005	<0.2
	J980055	<0.005	<0.2
Batch 5	J980061	<0.005	<0.2
	J980089	0.005	<0.2
Batch 6	E147104	<0.005	<0.2
	E147112	<0.005	<0.2
Batch 7	E147208	<0.005	<0.2
Batch 8	E147225	<0.005	<0.2
	E147241	<0.005	<0.2
Batch 9	E147315	<0.005	<0.2
	E147333	0.006	<0.2
Batch 10	E147402	0.017	<0.2
	E147419	<0.005	0.2
Batch 11	E147433	0.016	<0.2
	E147447	0.016	0.2
Batch 12	E147470	<0.005	<0.2
	E147482	<0.005	<0.2
Re-run #1	E147470	<0.005	<0.2
	E147482	<0.005	<0.2
Batch 13	J981206	0.036	2
Batch 14	J981232	<0.005	<0.2
	J981243	<0.005	<0.2
Batch 15	J981260	<0.005	0.2
	J981271	<0.005	<0.2
Batch 16	J981297	0.007	0.2
	E146665	<0.005	<0.2
Batch 17	E146685	<0.005	<0.2
	E146704	<0.005	0.2
Batch 18	E146721	<0.005	<0.2
	E146734	<0.005	<0.2
Batch 19	E146758	<0.005	<0.2

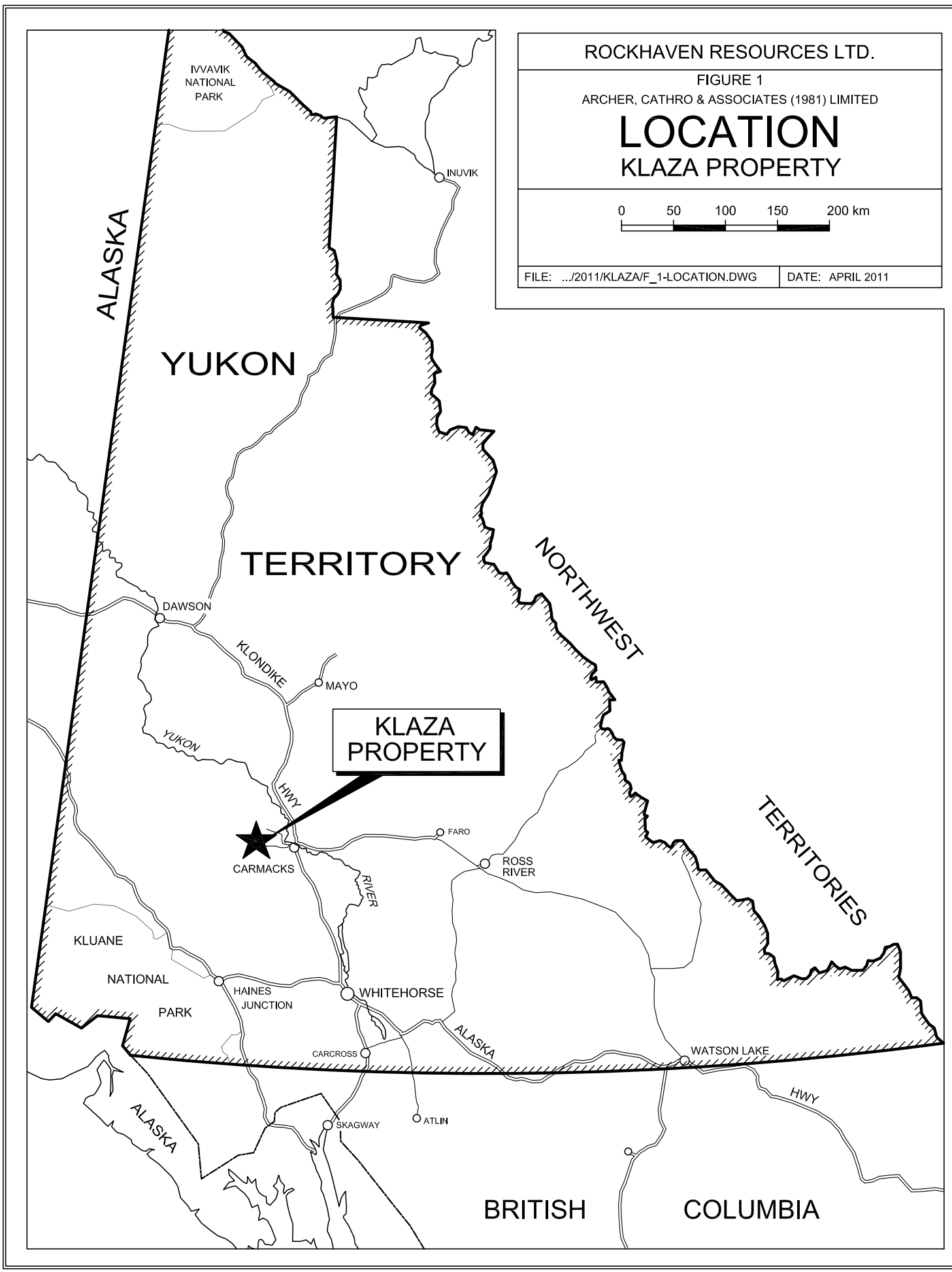
	E146776	<0.005	<0.2
Batch 20	E146791	<0.005	<0.2
	E146797	0.009	<0.2
Batch 21	J980878	<0.005	<0.2
	J980892	<0.005	<0.2
Batch 22	J980923	<0.005	<0.2
	J980933	<0.005	<0.2
Batch 23	J980944	<0.005	<0.2
	J980961	<0.005	<0.2
Re-run #1	J980944	<0.005	<0.2
	J980961	<0.005	0.2
Batch 24	J980983	<0.005	<0.2
	G286009	<0.005	<0.2
Batch 25	G286031	<0.005	<0.2
	G286043	<0.005	<0.2

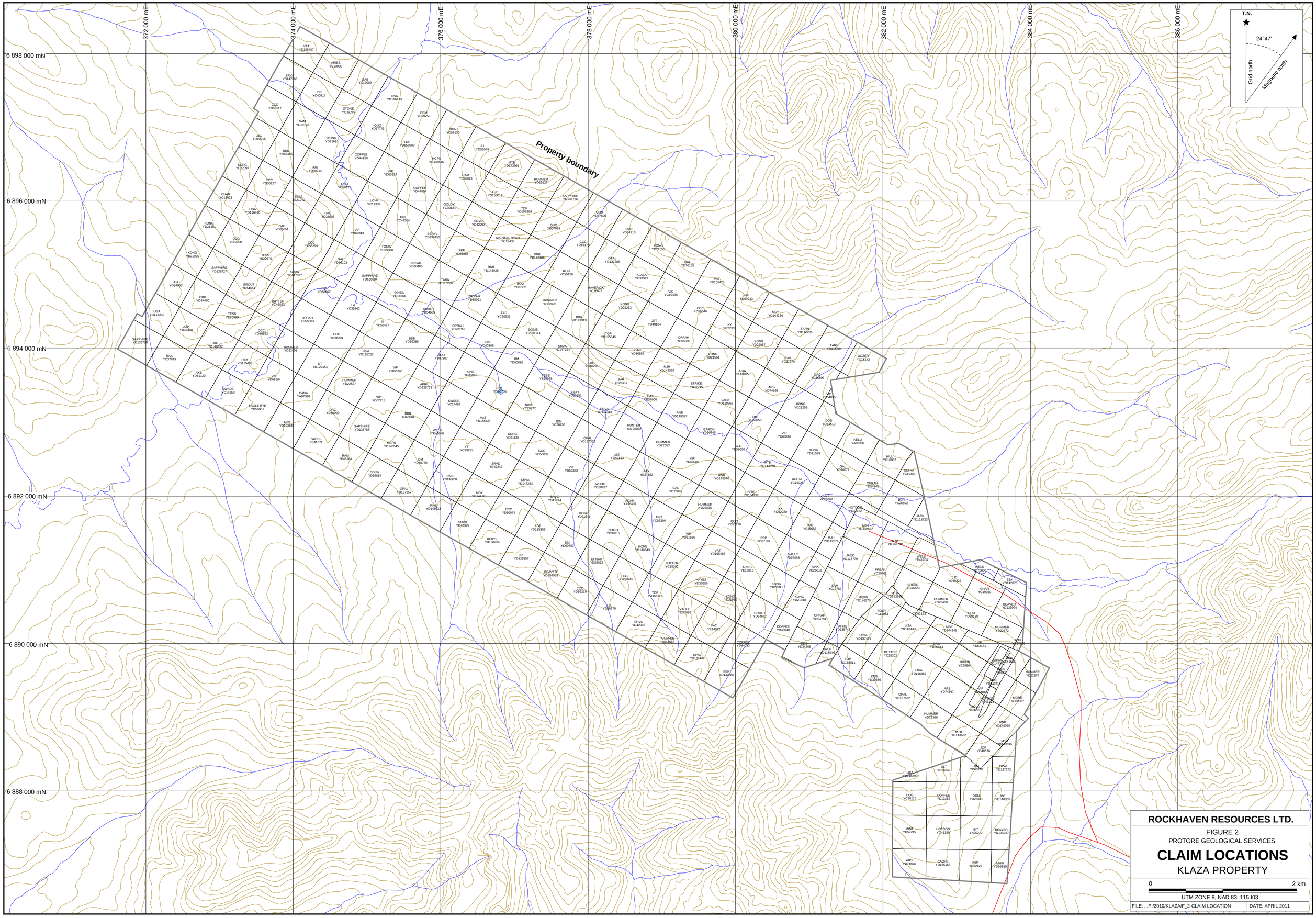
2010 Excavator Trenching Standard Results

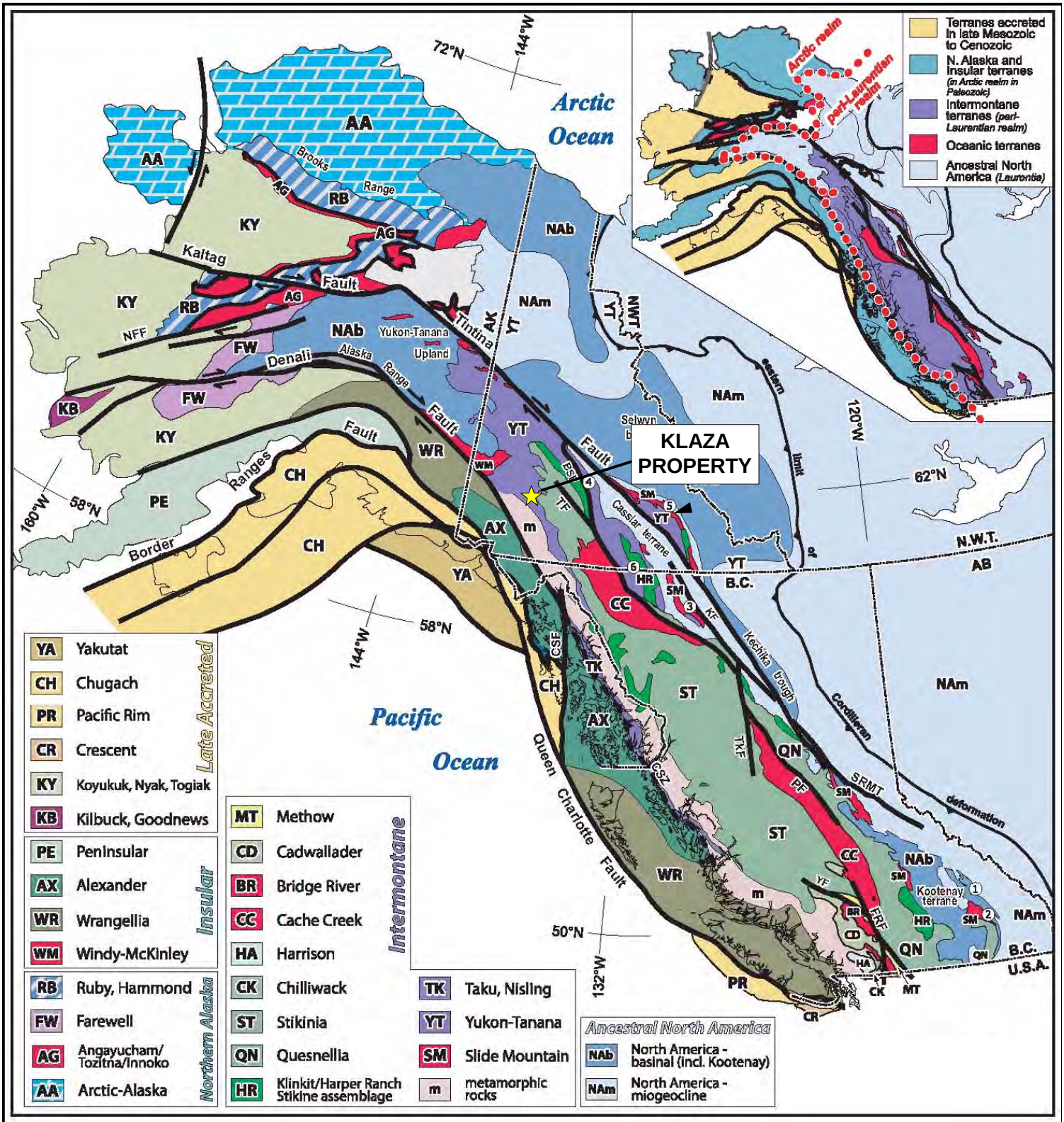
	CDN-GE-15A		**PL-02**		
Batch ID	Sample ID	Gold (ppm)	Sample ID	Gold (ppm)	Silver (ppm)
Batch 2	H805769	15.35			
Batch 4	H805862	15.25			
Batch 8			H805986	3.17	426
Batch 11			H806115	3.14	411
Batch 14			H806238	3.2	428
Batch 17			H806339	1.975	418
Batch 20			H806391	3.21	423
Batch 22	G0557735	14.95			
Batch 24	H806479	14.6			
Batch 27	G0557867	15.15			
Batch 30	G0557763	15.15			
Batch 33	G0558114	NSS			
Batch 35			G0557986	3.44	414
Batch 38			G0558280	3.34	427
Batch 41	G0557882	15.05			
Batch 44	G0557797	14.8			
Batch 48			J999597	3.12	430
Batch 55	J998998	15.0			
Batch 61	J999399	14.55			
Batch 64	J999664	15.35			
Batch 67	J999175	15.2			
Batch 70			J981335	3.36	411
Batch 73			J999719	3.25	446

2010 Excavator Trenching Blank Results

Batch ID	Sample ID	Gold (ppm)	Silver (ppm)
Batch 2	H805774	<0.005	0.2
Batch 4	H805828	<0.005	<0.2
Batch 8	H805979	<0.005	<0.2
Batch 11	H806108	<0.005	<0.2
Batch 16	H806318	0.08	1.3
Batch 17	H806335	<0.005	<0.2
Batch 20	H806339	0.009	<0.2
Batch 22	G0557751	0.012	0.4
Batch 24	H806465	0.007	0.2
Batch 27	G0557858	0.006	0.2
Batch 30	G0557774	<0.005	<0.2
Batch 33	G0558180	0.005	<0.2
Batch 35	G0557979	<0.005	<0.2
Batch 38	G0558273	<0.005	0.2
Batch 41	G0557894	<0.005	<0.2
Batch 44	G0557793	<0.005	<0.2
Batch 48	J999594	<0.005	<0.2
Batch 58	J999281	<0.005	<0.2
Batch 58	J999301	0.006	0.3
Batch 61	J999395	<0.005	<0.2
Batch 64	J999671	<0.005	<0.2
Batch 67	J999170	0.018	0.8
Batch 70	J981331	<0.005	0.2
Batch 73	J999707	0.006	1.6


ROCKHAVEN RESOURCES LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LOCATION
KLAZA PROPERTY
0 50 100 150 200 km
FILE: .../2011/KLAZA/F_1-LOCATION.DWG
DATE: APRIL 2011
IVVAVIK NATIONAL PARK
INUVIK
ALASKA
YUKON
TERRITORY
NORTHWEST
TERRITORIES
DAWSON
KLONDIKE
MAYO
KLAZA PROPERTY
YUKON
HWY
FARO
ROSS RIVER
CARMACKS
RIVER
KLUANE
NATIONAL
PARK
HAINES JUNCTION
WHITEHORSE
ALASKA
CARCROSS
WATSON LAKE
HWY
ALASKA
SKAGWAY
ATLIN
BRITISH
COLUMBIA


372 000 mE
374 000 mE
376 000 mE
378 000 mE
380 000 mE
382 000 mE
384 000 mE
386 000 mE
6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
Property boundary
T.N.
24°47'
Grid north
Magnetic north
ROCKHAVEN RESOURCES LTD.
FIGURE 2
PROTORE GEOLOGICAL SERVICES
CLAIM LOCATIONS
KLAZA PROPERTY
0
2 km
UTM ZONE 8, NAD 83, 115 I03
FILE: ...P:/2010/KLAZA/F_2-CLAIM LOCATION
DATE: APRIL 2011



ROCKHAVEN RESOURCES LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

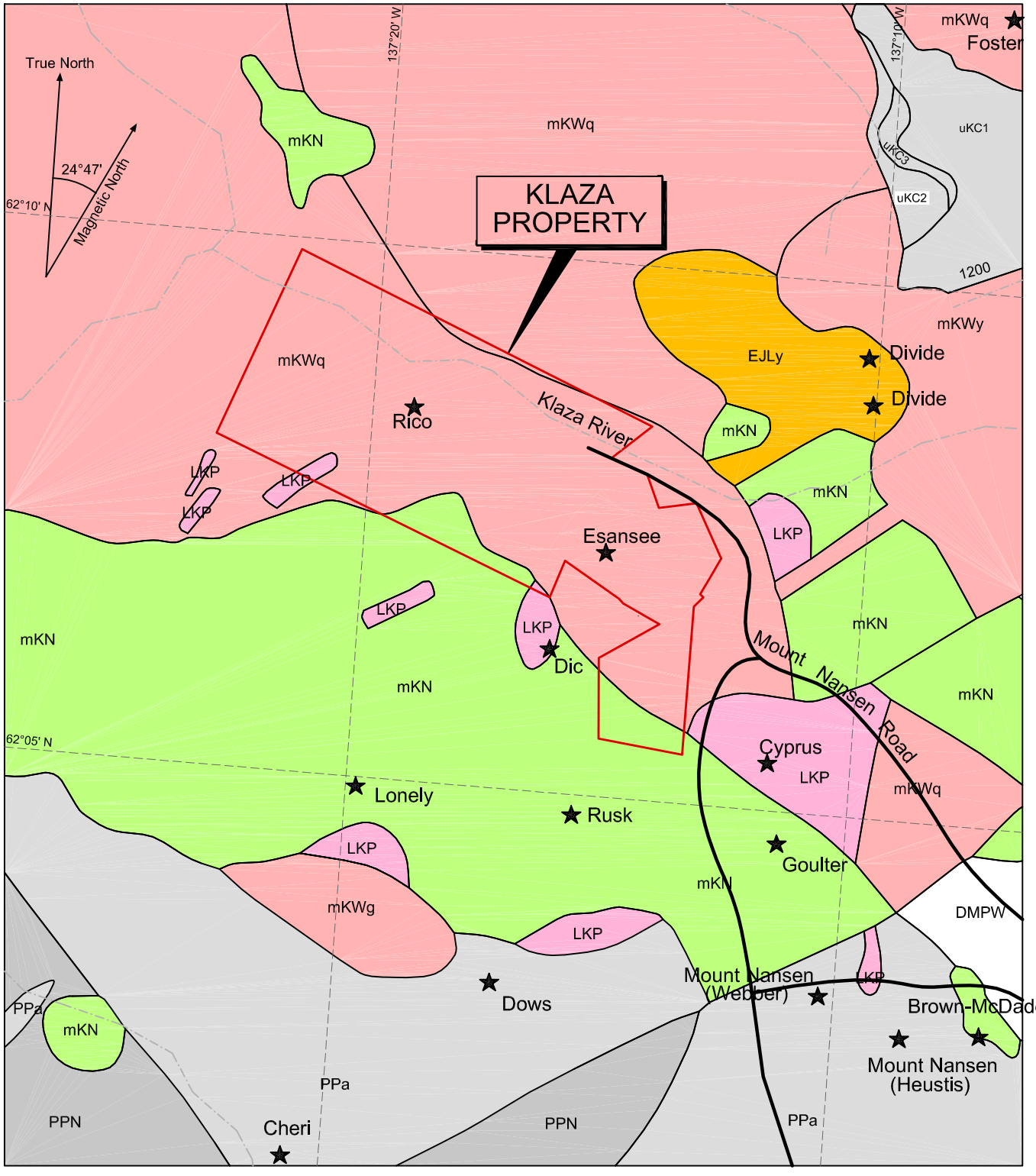
TECTONIC SETTING

KLAZA PROPERTY

0 300 km

FILE: ...2010/KLAZA/F03_Tectonic.wor | DATE: MAY 2011

After Nelson and Colpron, 2007



uKC	Carmacks
LKP	Prospector Mountain Suite
mKN	Mount Nansen
mKW	Whitehorse Suite
EJL	Long Lake Suite
PPa	Amphibolite
DMPW	Pelly Gneiss Suite
PPN	Nisling

★ Minfile Occurrence

NTS 115 I/3
The 2005 Magnetic Bearing is 24°47'
Annual Change Decreasing ~4'
Datum: NAD83
Projection: Albers
Contour Interval 200 m

BANNOCKBURN RESOURCES LIMITED

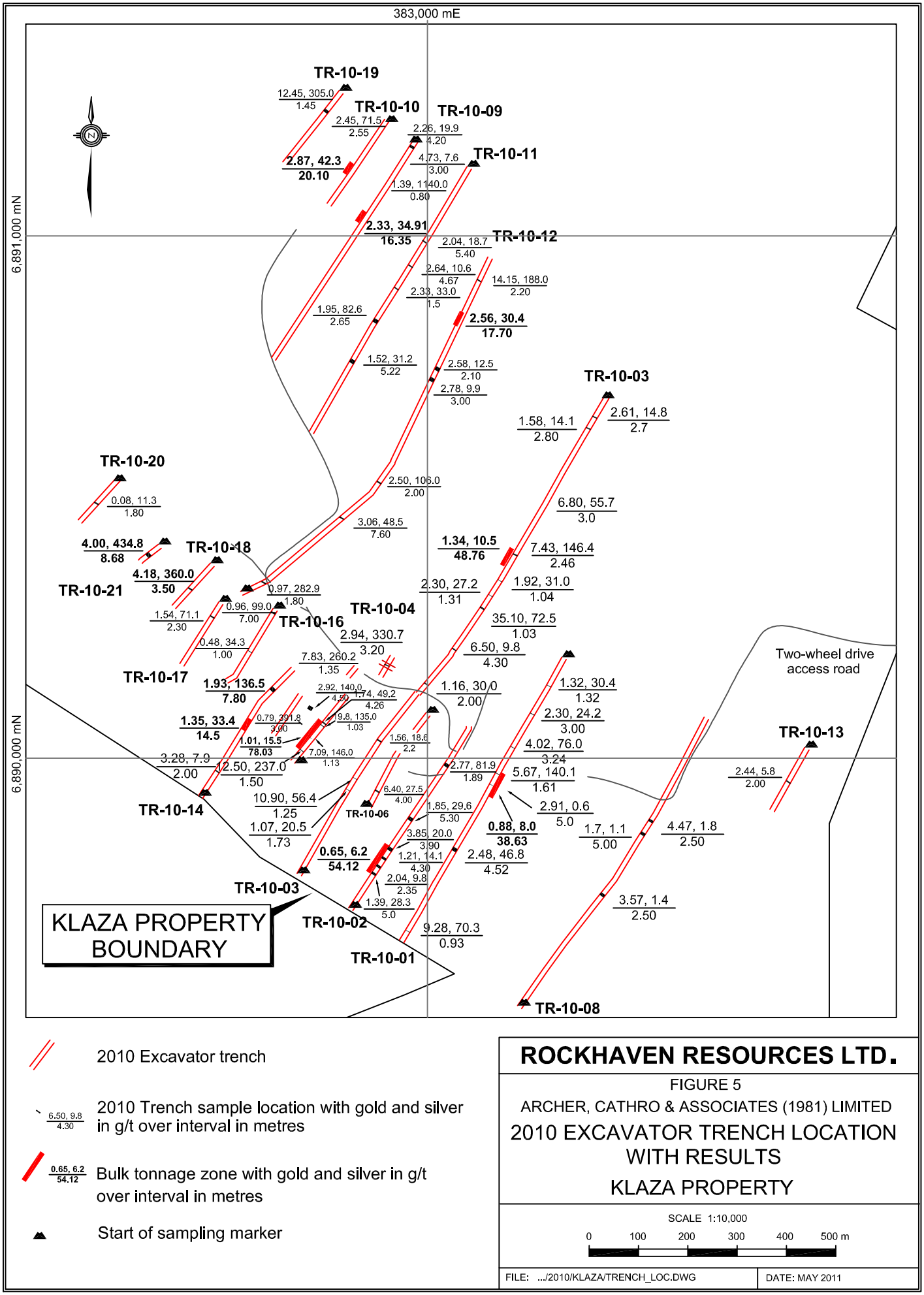
FIGURE 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

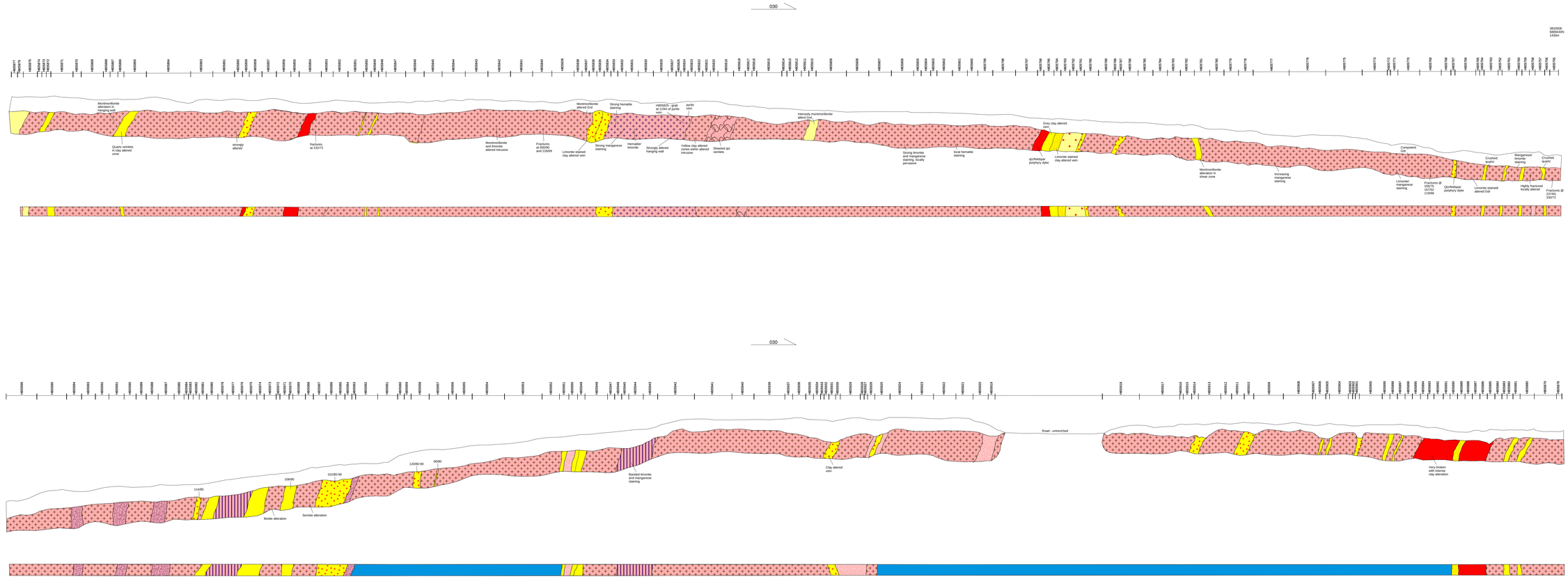
LOCAL GEOLOGY
KLAZA PROPERTY

SCALE 1:100,000
0 1 2 3 4 5 km

FILE: .../2006/KLAZA/F_5-GEOLOGY.DWG

DATE: MAY 2011


383,000 mE
6,891,000 mN
6,890,000 mN
TR-10-19
12.45, 305.0
1.45
TR-10-10
2.45, 71.5
2.55
TR-10-09
2.26, 19.9
4.20
2.87, 42.3
20.10
TR-10-11
4.73, 7.6
3.00
1.39, 1140.0
0.80
2.33, 34.91
16.35
TR-10-12
2.04, 18.7
5.40
2.64, 10.6
4.67
14.15, 188.0
2.20
2.33, 33.0
1.5
1.95, 82.6
2.65
2.56, 30.4
17.70
1.52, 31.2
5.22
2.58, 12.5
2.10
2.78, 9.9
3.00
TR-10-03
1.58, 14.1
2.80
2.61, 14.8
2.7
TR-10-20
0.08, 11.3
1.80
2.50, 106.0
2.00
6.80, 55.7
3.0
3.06, 48.5
7.60
4.00, 434.8
8.68
TR-10-18
1.34, 10.5
48.76
7.43, 146.4
2.46
4.18, 360.0
3.50
TR-10-21
0.97, 282.9
1.80
2.30, 27.2
1.31
1.92, 31.0
1.04
0.96, 99.0
7.00
TR-10-04
1.54, 71.1
2.30
TR-10-16
35.10, 72.5
1.03
2.94, 330.7
3.20
0.48, 34.3
1.00
6.50, 9.8
4.30
7.83, 260.2
1.35
TR-10-17
1.93, 136.5
7.80
2.92, 140.0
4.80
1.74, 49.2
4.26
1.16, 30.0
2.00
1.32, 30.4
1.32
1.35, 33.4
14.5
0.79, 391.8
3.00
9.8, 135.0
1.03
2.30, 24.2
3.00
1.01, 15.5
78.03
1.56, 18.6
2.2
4.02, 76.0
3.24
3.28, 7.9
2.00
12.50, 237.0
1.50
7.09, 146.0
1.13
2.77, 81.9
1.89
5.67, 140.1
1.61
TR-10-14
10.90, 56.4
1.25
6.40, 27.5
4.00
TR-10-06
1.85, 29.6
5.30
2.91, 0.6
5.0
1.07, 20.5
1.73
0.88, 8.0
38.63
1.7, 1.1
5.00
4.47, 1.8
2.50
3.85, 20.0
3.90
0.65, 6.2
54.12
1.21, 14.1
4.30
2.48, 46.8
4.52
TR-10-03
2.04, 9.8
2.35
1.39, 28.3
5.0
TR-10-02
9.28, 70.3
0.93
TR-10-01
3.57, 1.4
2.50
TR-10-08
Two-wheel drive access road
TR-10-13
2.44, 5.8
2.00
KLAZA PROPERTY BOUNDARY
2010 Excavator trench
6.50, 9.8
4.30
2010 Trench sample location with gold and silver in g/t over interval in metres
0.65, 6.2
54.12
Bulk tonnage zone with gold and silver in g/t over interval in metres
Start of sampling marker
ROCKHAVEN RESOURCES LTD.
FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2010 EXCAVATOR TRENCH LOCATION WITH RESULTS
KLAZA PROPERTY
SCALE 1:10,000
0 100 200 300 400 500 m
FILE: .../2010/KLAZA/TRENCH_LOC.DWG
DATE: MAY 2011



Mineralized veinlets hosted in intrusive
Manganese stained intrusive
Water
Manganese bands
Manganese stained shear zone
Quartz/feldspar dyke
Clay altered vein hosting sulphide minerals
Quartz/feldspar porphyry hosting disseminated sulphides
Limonite stained intrusive
Clay altered vein
Shear zone
Clay altered vein hosting crushed quartz/feldspar porphyry fragments
Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
Limonite stained clay altered vein
Quartz/feldspar porphyry dyke
Weakly developed clay altered vein
Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-01

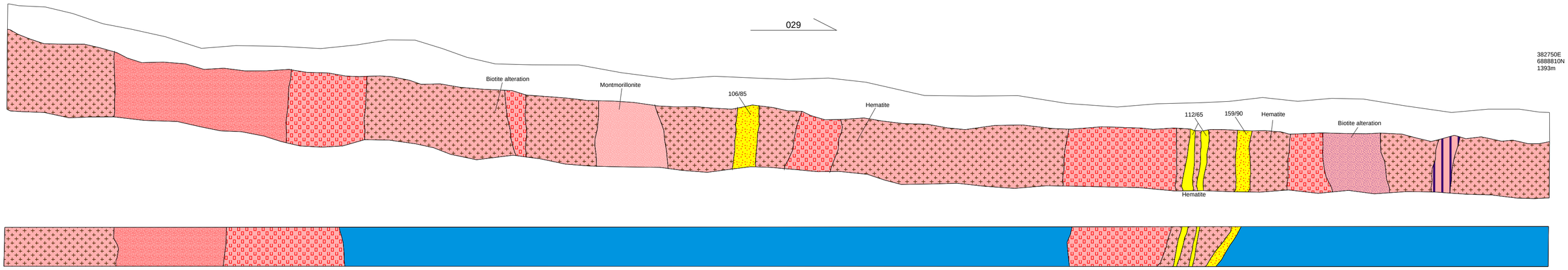
KLAZA PROPERTY

0 2 4 6 8 10 m

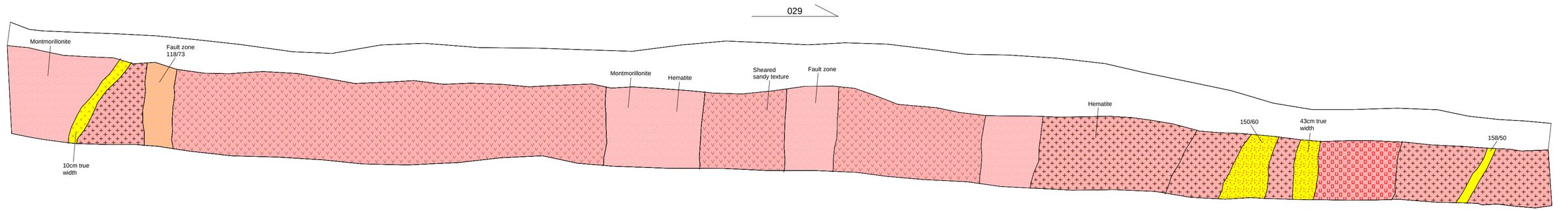
UTM ZONE 9 NAD 83

FILE: ...2010\Plate6_XS_TR_01.wor | DATE: MAY 2011

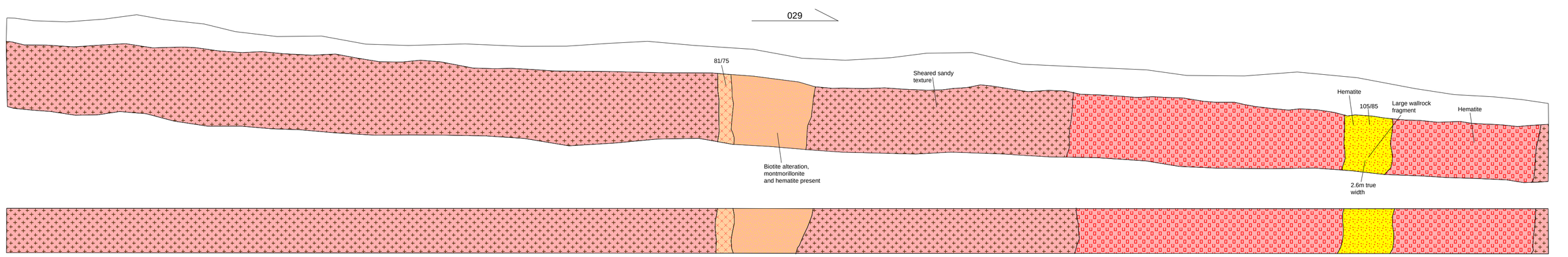
H806114 H806113 H806112 H806111 H806110 H806109 H806107 H806106 H806105 H806104 H806103 H806102 H806101 H806100 H806099 H806098 H806097 H806096 H806095 H806094 H806093 H806092 H806091 H806090 H806089 H806088 H806087 H806086 H806085 H806084 H806083 H806082 H806081 H806080 H806079 H806078 H806077 H806076



H806201 H806150 H806149 H806148 H806147 H806146 H806145 H806144 H806143 H806142 H806141 H806140 H806139 H806138 H806137 H806136 H806135 H806134 H806133 H806132 H806131 H806130 H806129 H806128 H806127 H806126 H806125 H806124 H806123 H806122 H806121 H806120 H806118 H806117 H806116 H806119



H806228 H806227 H806226 H806225 H806224 H806223 H806222 H806221 H806220 H806219 H806218 H806217 H806216 H806215 H806214 H806213 H806212 H806211 H806210 H806209 H806208 H806207 H806206 H806205 H806204 H806203 H806202



- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Weakly developed clay altered vein
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 7A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-02

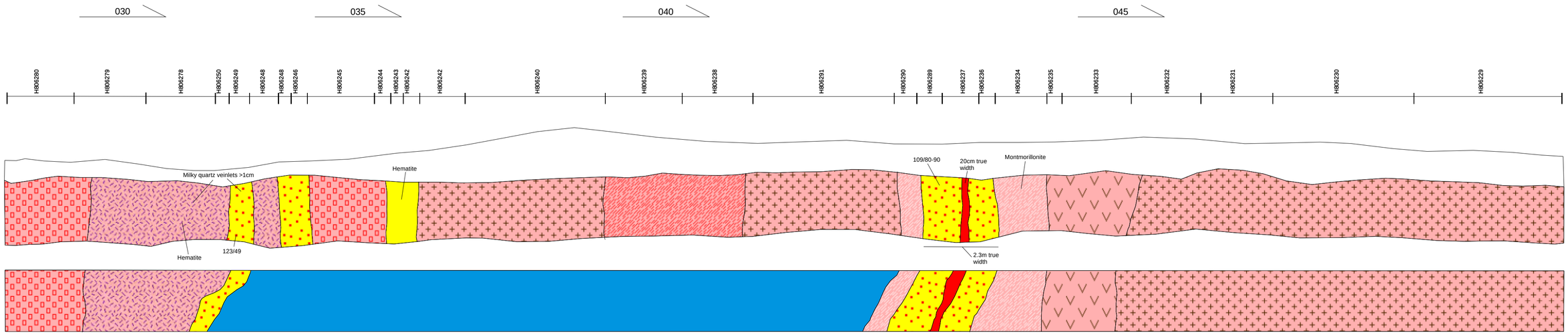
KLAZA PROPERTY

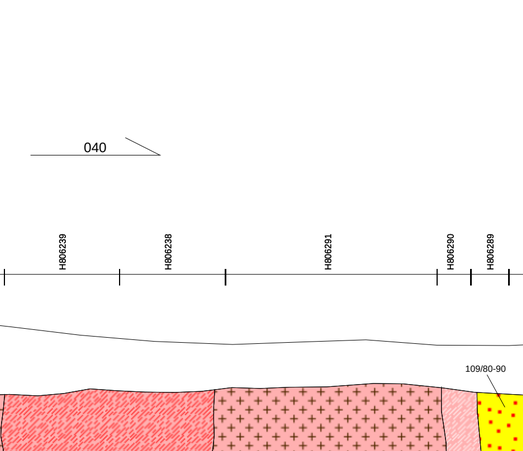
0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_02.wor

DATE: MAY 2011





- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Weakly developed clay altered vein
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 7B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

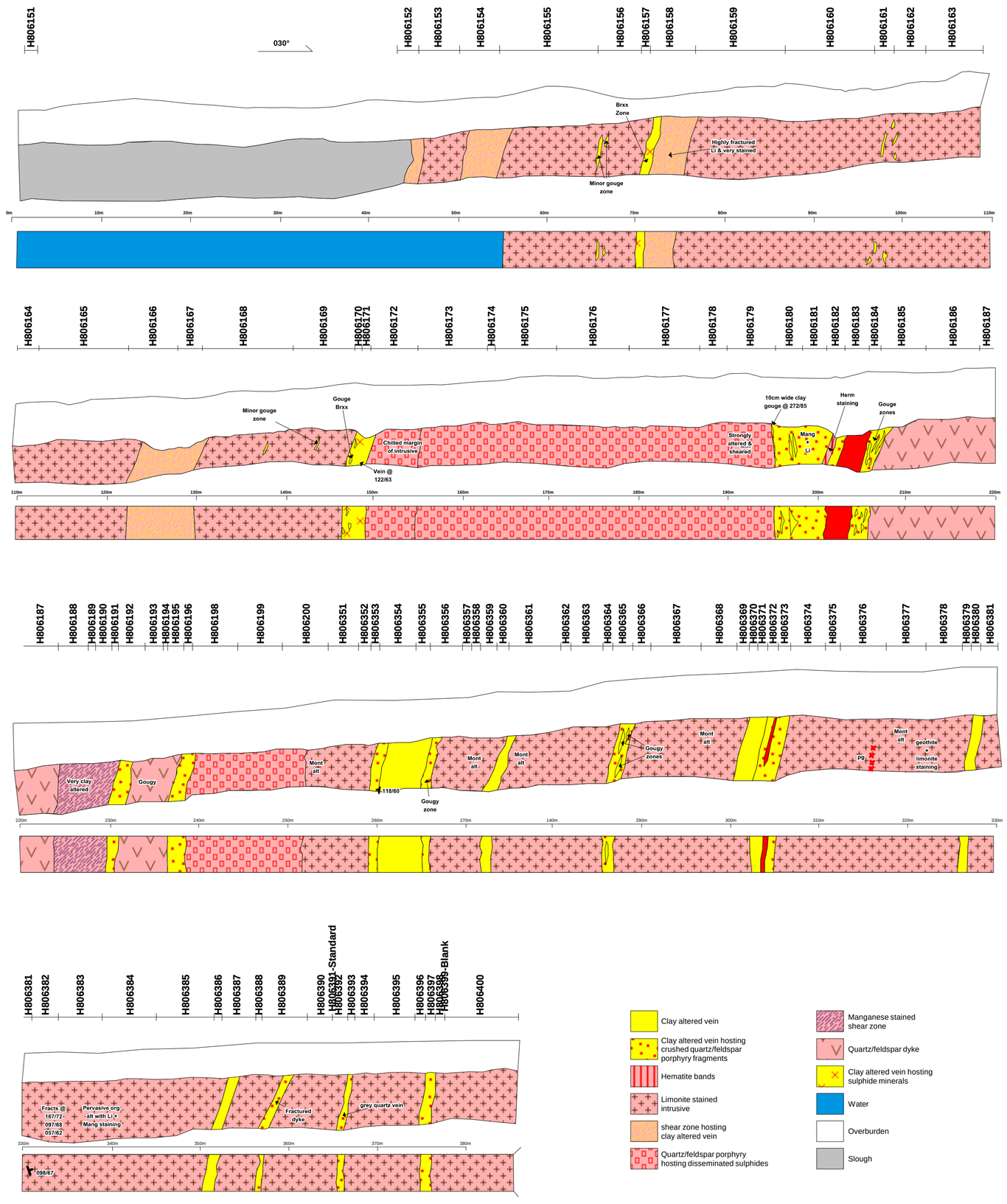
TR-10-02

KLAZA PROPERTY

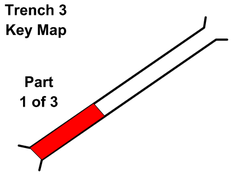
0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_02.wor | DATE: MAY 2011



Trench 3
Key Map



Part
1 of 3

ROCKHAVEN RESOURCES LTD.

FIGURE 08A

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-03 (Part 1 of 3)

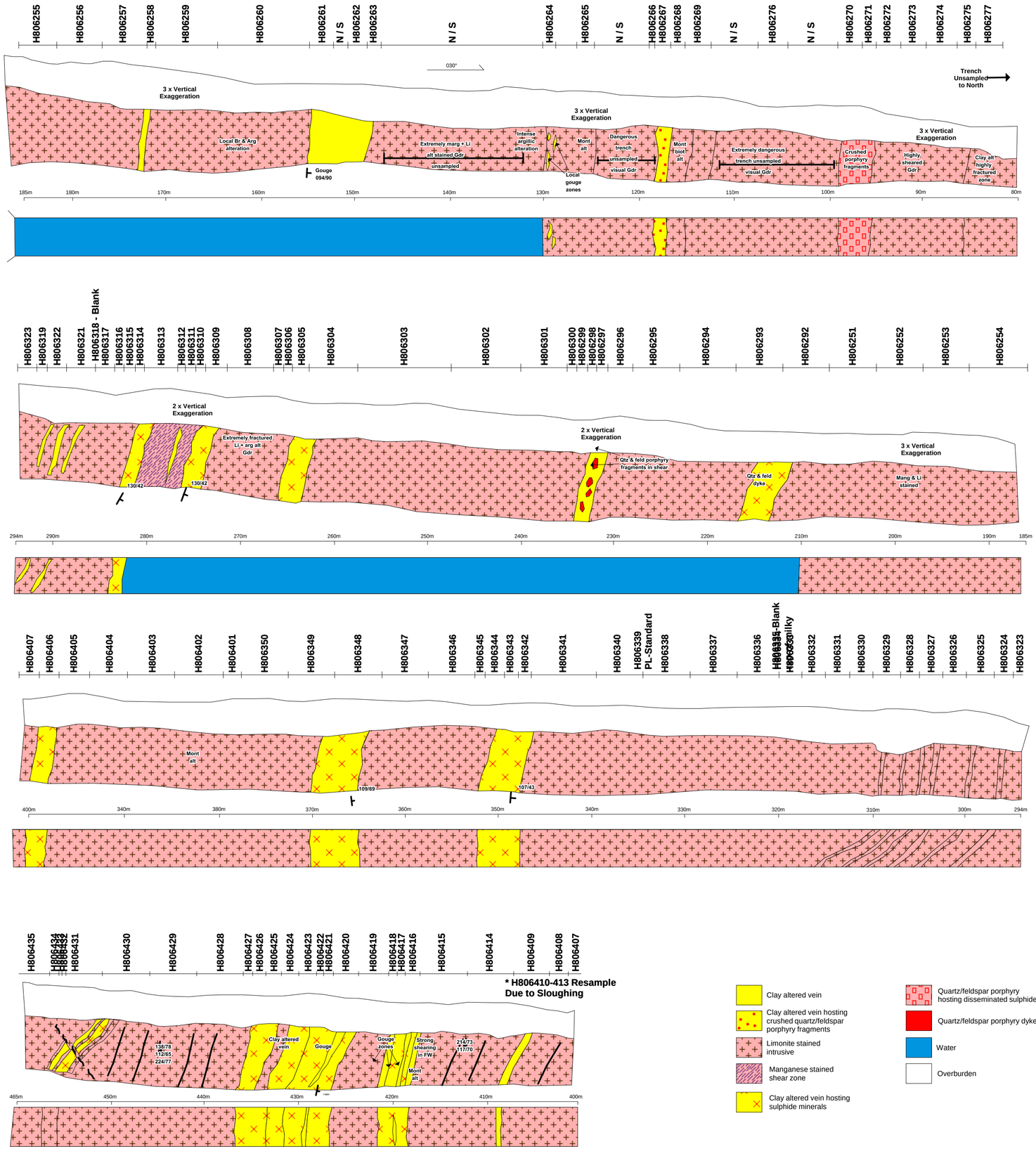
KLAZA PROPERTY

0 4 8 12 16 20 m

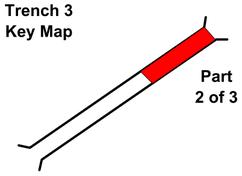
UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_03.wor

DATE: MAY 2011



Trench 3
Key Map



ROCKHAVEN RESOURCES LTD.

FIGURE 08B

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-03 (Part 2 of 3)

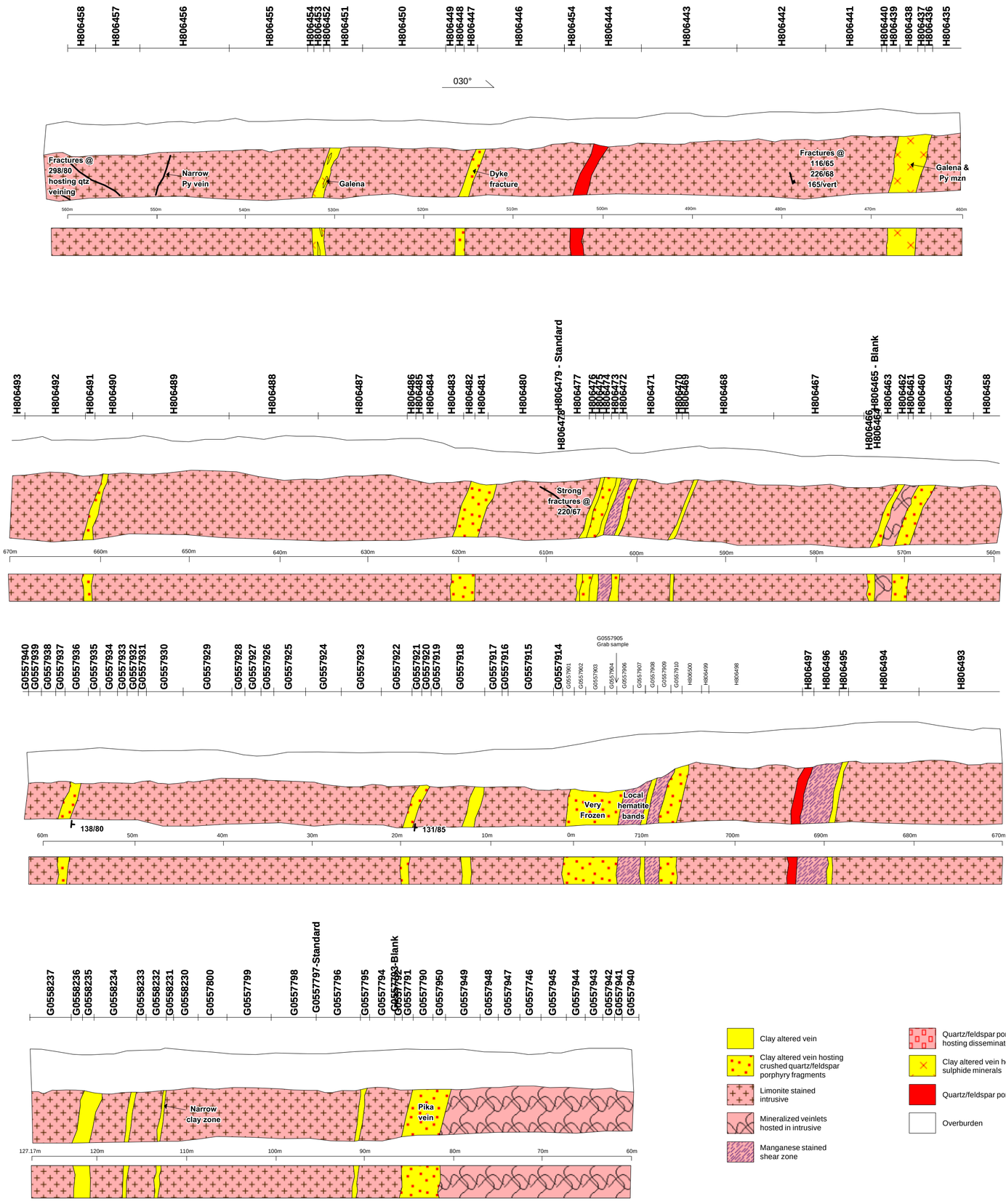
KLAZA PROPERTY

0 4 8 12 16 20 m

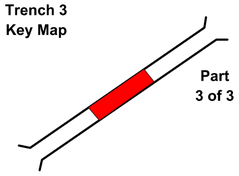
UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_03.wor

DATE: MAY 2011



Trench 3
Key Map



Part 3 of 3

ROCKHAVEN RESOURCES LTD.

FIGURE 08C

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-03 (Part 3 of 3)

KLAZA PROPERTY

0 4 8 12 16 20 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\..\KL_TR_03.wor

DATE: MAY 2011

382790E
6889370N
1422m

G0557720 G0557719 G0557718 G0557717 G0557716 G0557715 G0557714 G0557713 G0557712 G0557711 G0557710 G0557709 G0557708 G0557707 G0557706 G0557705 G0557704 G0557703 G0557702 G0557701

030

126/80-90
7cm pyrite vein
Very low abundance of blackjack sphalerite
Montmorillonite and sericite alteration
Montmorillonite alteration and calcite veinlets 0-1cm thick
Sericite alteration
145/46
Montmorillonite and sericite alteration
Calcite veinlets, Montmorillonite and sericite alteration
4.5m true width
1.6m true width
47cm true width

G0557870 G0557871 G0557872 G0557873 G0557874 G0557875 G0557876 G0557877 G0557878 G0557728 G0557727 G0557726 G0557725 G0557724 G0557723 G0557722 G0557721

033

111/76
Montmorillonite alteration
Montmorillonite alteration
Sericite alteration
145/51
0.66cm true width
1.02m true width

G0557810 G0557811 G0557812 G0557813 G0557814 G0557815 G0557816 G0557817 G0557818 G0557819 G0557820 G0557821 G0557824 G0557823 G0557824 G0557825 G0557826 G0557827 G0557828 G0557829 G0557830 G0557831 G0557832 G0557833 G0557834 G0557835 G0557836 G0557837 G0557838 G0557839 G0557841 G0557841 G0557842 G0557843 G0557844 G0557845 G0557846 G0557847 G0557848 G0557849 G0557850 G0557851 G0557852 G0557853 G0557854 G0557855 G0557856 G0557857 G0557859 G0557860 G0557861 G0557862 G0557863 G0557864 G0557865 G0557866 G0557868 G0557869

036

0.06m disseminated sphalerite and galena vein
Very low abundance of sphalerite
Dip @ 71 degrees
4cm massive galena vein with scorodite staining
149/56 (soloflucted)
5cm massive galena vein
10cm arsenopyrite vein
139/90
Montmorillonite alteration
102/72
Montmorillonite alteration
0.26m true width
Fractures @ 104/80 and 202/75
Fractures @ 104/80 and 202/75
085/85
114/73
Fractures @ 196/64 and 135/82
140/80

382550E
6888940N
1383m

G0557801 G0557802 G0557803 G0557804 G0557805 G0557806 G0557807 G0557808 G0557809

146/78
1.5m true width

036

Mineralized veinlets hosted in intrusive
Manganese stained intrusive
Water
Manganese bands
Manganese stained shear zone
Quartz/feldspar dyke
Clay altered vein hosting sulphide minerals
Quartz/feldspar porphyry hosting disseminated sulphides
Manganese stained shear zone hosting disseminated sulphides
Clay altered vein
Shear zone
Clay altered vein hosting crushed quartz/feldspar porphyry fragments
Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
Limonite stained clay altered vein
Quartz/feldspar porphyry dyke
Weakly developed clay altered vein
Limonite stained intrusive
shear zone hosting clay altered vein
shear zone hosting quartz/feldspar porphyry dyke fragments
Rusted, highly altered intrusive hosting disseminated sulphides
Altered intrusive hosting disseminated tourmaline and sulphide minerals
Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-04

KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE:...2010\Klaza\...\KL_TR_04.wor

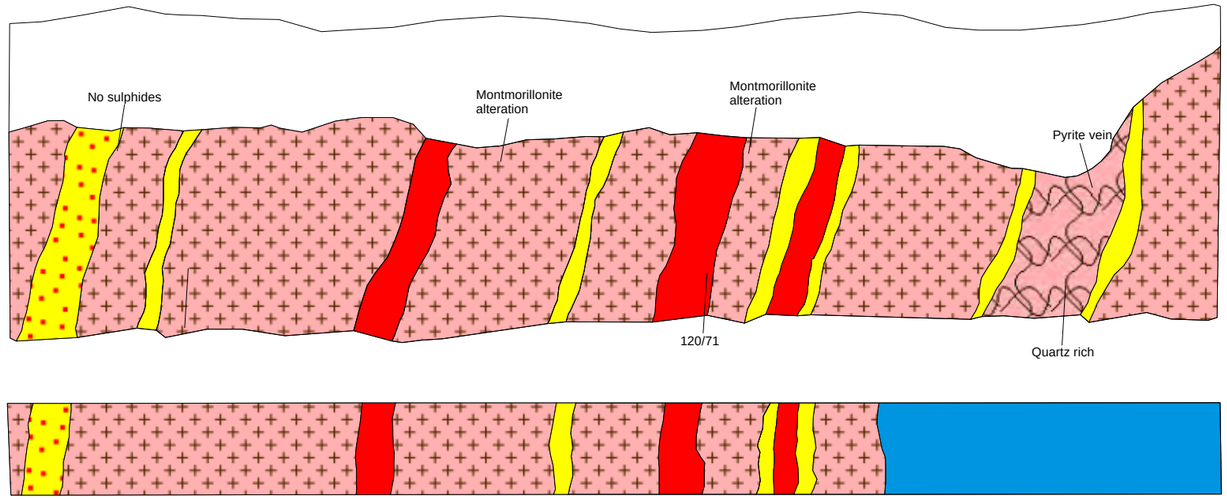
DATE: MAY 2011

382920E
6889310N
1401m

382900E
6889290N
1407m

G0557747 G0557746 G0557745 G0557744 G0557743 G0557742 G0557741 G0557740 G0557739 G0557738 G0557737 G0557736 G0557734 G0557733 G0557732 G0557731 G0557730

030



- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

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FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-05

KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_05.wor

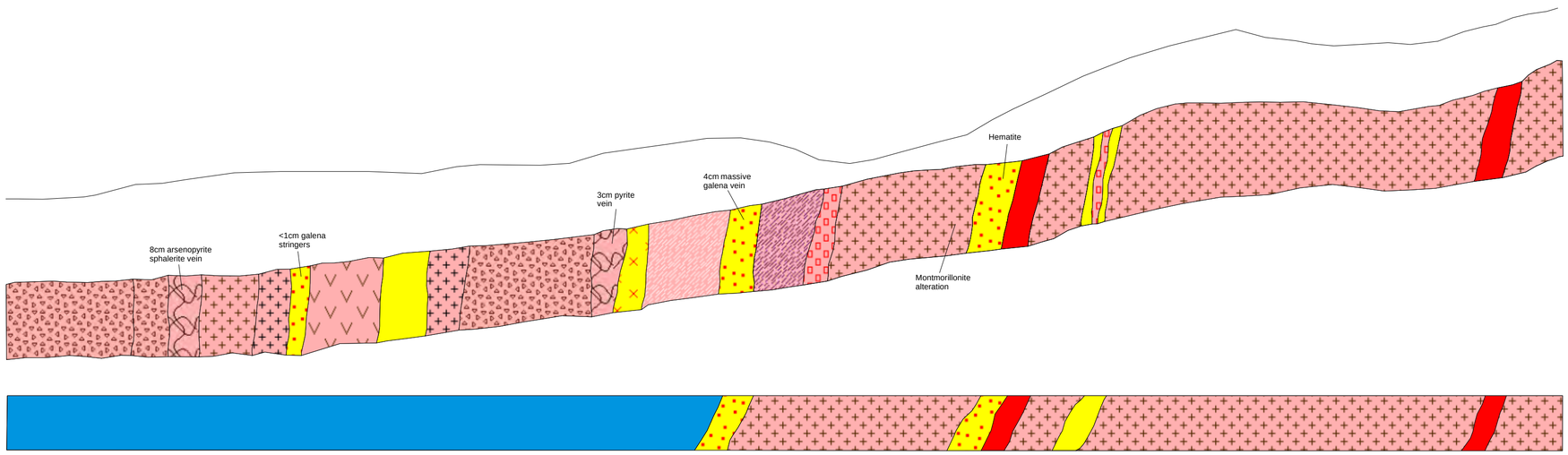
DATE: MAY 2011

382860E
6889220N
1397m

382890E
6889270N
1403m

G0557753 G0557754 G0557755 G0557756 G0557757 G0557758 G0557759 G0557760 G0557761 G0557762 G0557764 G0557765 G0557766 G0557767 G0557768 G0557769 G0557770 G0557771 G0557772 G0557773 G0557775 G0557776 G0557777 G0557778 G0557779 G0557780 G0557781 G0557782 G0557783 G0557784 G0557785 G0557786 G0557787 G0557788

050



- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Weakly developed clay altered vein
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-06

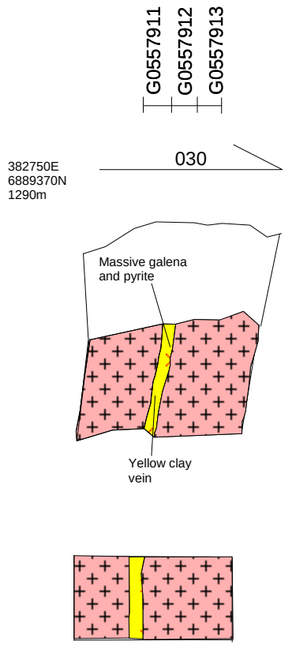
KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR-06.wor

DATE: MAY 2011



Manganese stained shear zone hosting disseminated sulphides

Clay altered vein

Shear zone

Clay altered vein hosting crushed quartz/feldspar porphyry fragments

Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments

Limonite stained clay altered vein

Quartz/feldspar porphyry dyke

Limonite stained intrusive

shear zone hosting clay altered vein

shear zone hosting quartz/feldspar porphyry dyke fragments

Rusted, highly altered intrusive hosting disseminated sulphides

Altered intrusive hosting disseminated tourmaline and sulphide minerals

Altered intrusive hosting disseminated sulphides and porphyry dyke fragments

Altered intrusive hosting disseminated sulphides

Weakly developed clay altered vein

Mineralized veinlets hosted in intrusive

Manganese stained intrusive

Water

Manganese bands

Goethite bands

Goethite stained intrusive hosting disseminated sulphides

Goethite stained altered intrusive

Manganese stained shear zone

Quartz/feldspar dyke

Clay altered vein hosting sulphide minerals

Quartz/feldspar porphyry hosting disseminated sulphides

Altered intrusive hosting disseminated tourmaline

Hematite bands

Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline

Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-07

KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_07.wor

DATE: MAY 2011

G0558051 G0558052 G0558053 G0558054 G0558055 G0558056 G0558057 G0558058 G0558059 G0558060 G0558061 G0558062 G0558063 G0558064 G0558065 G0558066 G0558067 G0558068 G0558069 G0558070 G0558071

030

383092E
6998712N
1360m

Frozen

Spidered milky quartz veinlets

Frozen

Frozen

Milky quartz veinlets

Milky quartz vein
5cm = true width

110/80

Frozen

Montmorillonite alteration

2m = true width
140/71

Montmorillonite alteration

Frozen

G0558105 G0558106 G0558107 G0558108 G0558109 G0558110 G0558111 G0558112 G0558113 G0558114

Re-sampled

G0558130

Re-sampled

G0558072 G0558073 G0558074 G0558075 G0558076 G0558077 G0558078 G0558079 G0558080 G0558081 G0558082 G0558083 G0558084 G0558085 G0558086 G0558087 G0558088 G0558089 G0558090 G0558091 G0558092 G0558093 G0558094 G0558095 G0558096 G0558097 G0558098 G0558099 G0558100 G0558101 G0558102 G0558103 G0558104 G0558115 G0558116 G0558117 G0558118 G0558119 G0558120 G0558121 G0558122 G0558123 G0558124 G0558125 G0558126 G0558127 G0558128 G0558129 G0558132 G0558133 G0558134 G0558135 G0558136 G0558137 G0558138 G0558139 G0558140 G0558141 G0558142 G0558143 G0558144 G0558145 G0558146 G0558147 G0558148

025

030

383244E
6998992N
1361m

Frozen

Montmorillonite alteration

Montmorillonite alteration

Montmorillonite alteration

50cm = true width
142/85

Montmorillonite alteration

1.5x4m = true width. 093/85

Montmorillonite alteration

Fractures @ 1337/0, 025/53

140/58

Montmorillonite alteration

Fractures @ 127/80
012/62, 085/83

Montmorillonite alteration

140/58

2-4cm milky quartz veinlets

138/79

118/80

Fractures @ 160/54

Montmorillonite alteration

118/68

1-5cm quartz veinlets @ 131/70

123/75

123/80

G0558149 G0558150 G0558151 G0558152 G0558153 G0558154 G0558155 G0558156 G0558157 G0558158 G0558159 G0558160 G0558161 G0558162 G0558163 G0558164 G0558165 G0558166 G0558167 G0558168 G0558169 G0558170 G0558171 G0558172 G0558173 G0558174 G0558175 G0558176 G0558177 G0558178 G0558179 G0558181 G0558182 G0558183 G0558185 G0558186 G0558187 G0558188 G0558189 G0558190 G0558191 G0558192 G0558193 G0558194 G0558195 G0558196 G0558197 G0558198 G0558199 G0558200 G0558201 G0558202 G0558203 G0558204 G0558205 G0558206 G0558207 G0558208 G0558209 G0558210 G0558211 G0558212 G0558213 G0558214 G0558215 G0558216 G0558217 G0558218 G0558219 G0558220 G0558221

025

030

Chlorite staining

Chlorite/epidote alteration

129/30

130/55

Chlorite alteration

Chlorite alteration

chlorite and montmorillonite alteration

Chlorite alteration

Chlorite and epidote alteration

Fractures @ 139/82
027/65

Fractures @ 148/70

Montmorillonite alteration

130/85

Epidote

151/85

129/80

Epidote alteration

Montmorillonite alteration

Montmorillonite and chlorite alteration

Montmorillonite alteration

Montmorillonite alteration

Chlorite alteration

Montmorillonite alteration

G0558222 G0558223 G0558224 G0558225 G0558226 G0558227

030

383474E
6998280N
1397m

Montmorillonite alteration

Chlorite alteration

137/75

Montmorillonite alteration

Mineralized veinlets hosted in intrusive

Manganese stained intrusive

Water

Manganese bands

Manganese stained shear zone

Quartz/feldspar dyke

Clay altered vein hosting sulphide minerals

Quartz/feldspar porphyry hosting disseminated sulphides

Manganese stained shear zone hosting disseminated sulphides

Clay altered vein

Shear zone

Clay altered vein hosting crushed quartz/feldspar porphyry fragments

Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments

Limonite stained clay altered vein

Quartz/feldspar porphyry dyke

Weakly developed clay altered vein

Limonite stained intrusive

shear zone hosting clay altered vein

shear zone hosting quartz/feldspar porphyry dyke fragments

Rusted, highly altered intrusive hosting disseminated sulphides

Altered intrusive hosting disseminated tourmaline and sulphide minerals

Altered intrusive hosting disseminated sulphides and porphyry dyke fragments

Altered intrusive hosting disseminated sulphides

Goethite stained altered intrusive

Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-08

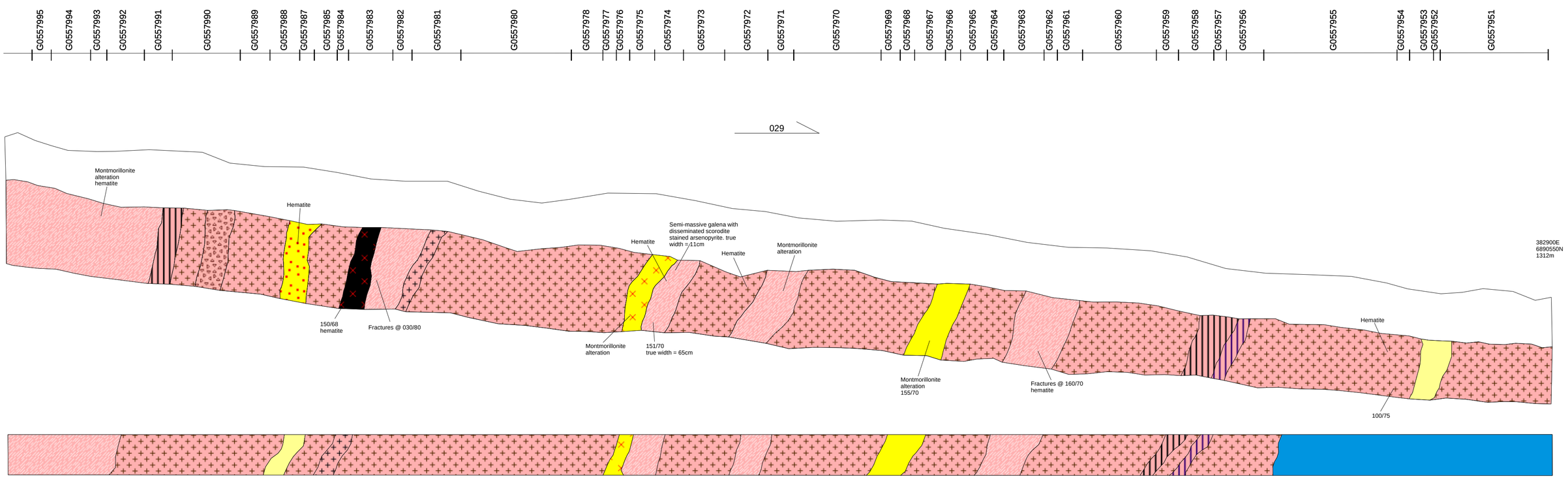
KLAZA PROPERTY

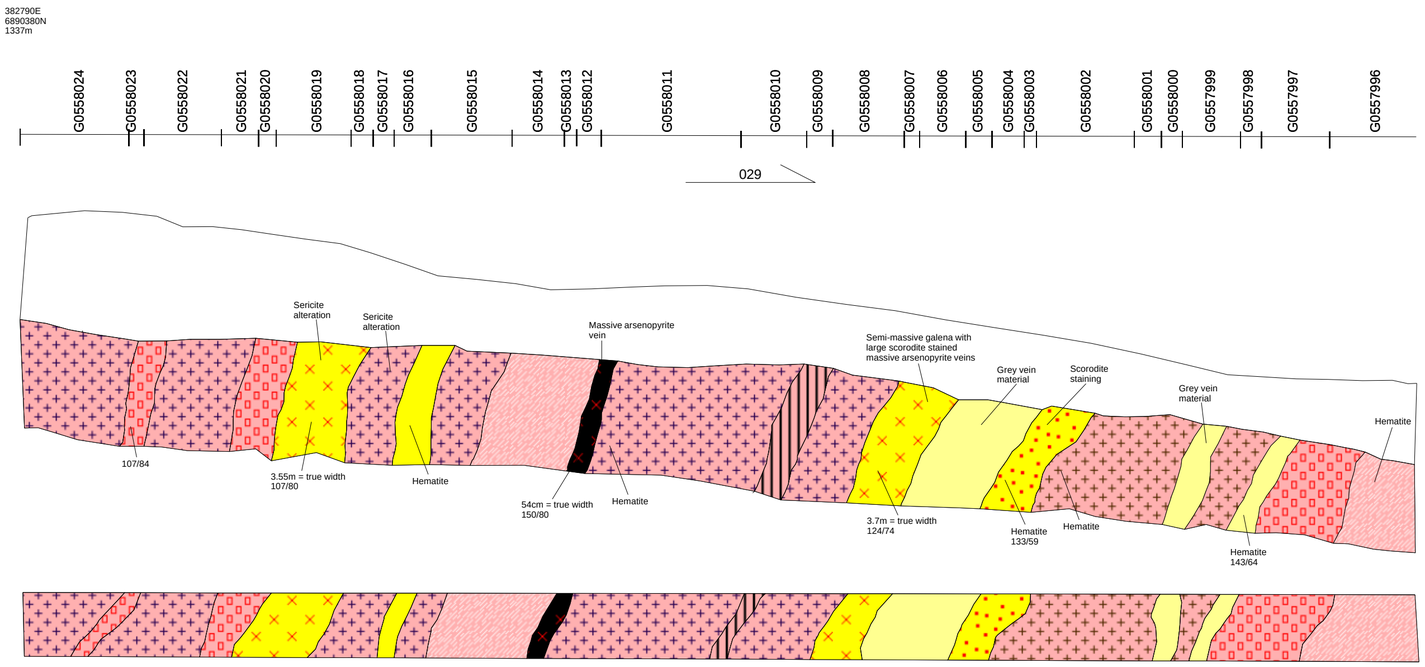
0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Karlun_WL_TR_08.mxd

DATE: MAY 2011





- Overburden
- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Goethite stained intrusive hosting disseminated sulphides

ROCKHAVEN RESOURCES LTD.

FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-09

KLAZA PROPERTY

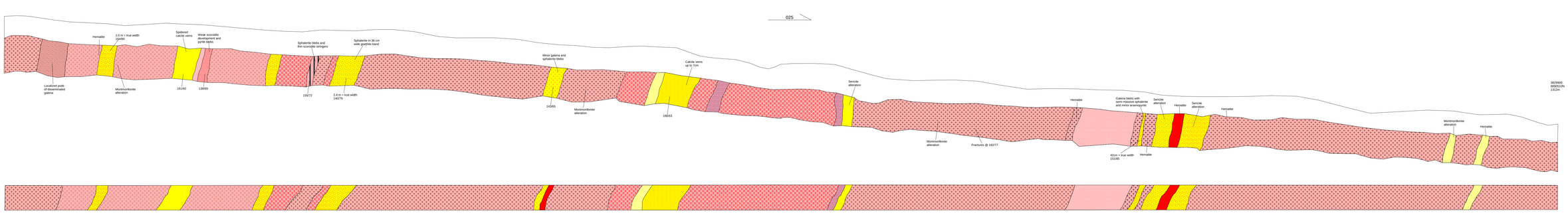
0 2 4 6 8 10 m

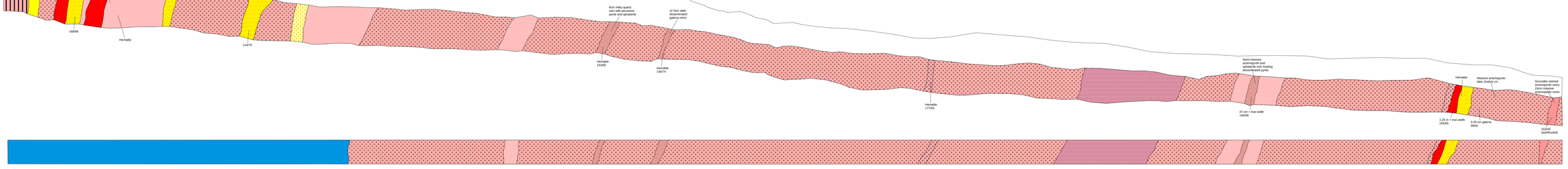
UTM ZONE 8 NAD 83

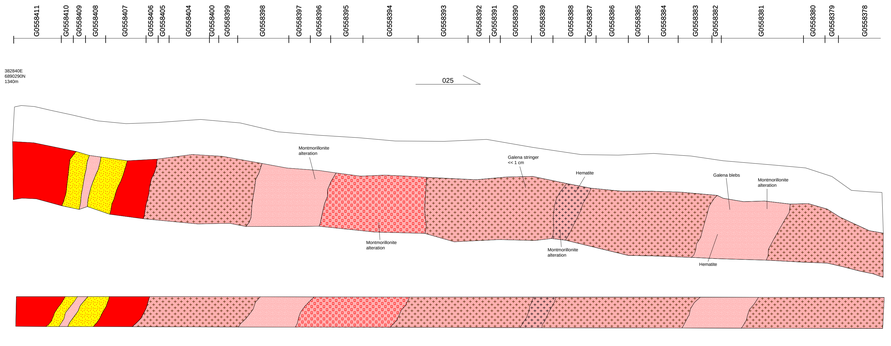
FILE: ...2010\Klaza\...\KL_TR_09.wor

DATE: MAY 2011

G0558502 G0558501 G0558500 G0558499 G0558498 G0558497 G0558496 G0558495 G0558494 G0558493 G0558492 G0558491 G0558490 G0558489 G0558488 G0558487 G0558486 G0558485 G0558484 G0558483 G0558482 G0558481 G0558480 G0558479 G0558478 G0558477 G0558476 G0558475 G0558474 G0558473 G0558472 G0558471 G0558470 G0558469 G0558468 G0558467 G0558466 G0558465 G0558464 G0558463 G0558462 G0558461 G0558460 G0558459 G0558458 G0558457 G0558456 G0558455 G0558454 G0558453 G0558452 G0558451 G0558450 G0558449 G0558448 G0558447 G0558446 G0558445 G0558444 G0558443 G0558442 G0558441 G0558440 G0558439 G0558438 G0558437 G0558436 G0558435 G0558434 G0558433 G0558432 G0558431 G0558430 G0558429 G0558428 G0558427 G0557789 G0558426 G0558425 G0558424 G0558423 G0558422 G0558421 G0558420 G0558419 G0558418 G0558417 G0558416 G0558415 G0558414 G0558413 G0558412 G0558411 G0558410 G0558409 G0558408 G0558407 G0558406 G0558405 G0558404 G0558400 G0558399 G0558398 G0558397 G0558396 G0558395 G0558394 G0558393 G0558392 G0558391 G0558390 G0558389 G0558388 G0558387 G0558386 G0558385 G0558384 G0558383 G0558382 G0558381 G0558380 G0558379 G0558378







Manganese stained
shear zone hosting
disseminated sulphides

Clay altered vein

Shear zone

Clay altered vein hosting
crushed quartz/feldspar
porphyry fragments

Weakly developed clay altered vein hosting
crushed quartz/feldspar porphyry fragments

Limonite stained clay
altered vein

Quartz/feldspar porphyry dyke

Limonite stained
intrusive

shear zone hosting
clay altered vein

shear zone hosting
quartz/feldspar porphyry
dyke fragments

Rusted, highly altered
intrusive hosting
disseminated sulphides

Altered intrusive hosting
disseminated arsenopyrite and
sulphide minerals

Altered intrusive hosting
disseminated sulphides
and porphyry dyke fragments

Altered intrusive hosting
disseminated sulphides

Weakly developed clay
altered vein

Mineralized veinlets
hosted in intrusive

Manganese stained
intrusive

Water

Manganese bands

Goethite bands

Goethite stained intrusive
hosting disseminated sulphides

Goethite stained
altered intrusive

Manganese stained
shear zone

Quartz/feldspar dyke

Clay altered vein hosting
sulphide minerals

Quartz/feldspar porphyry
hosting disseminated sulphides

Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-10

KLAZA PROPERTY

0 5 10 15 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\Kl_TR_10.wor

DATE: MAY 2011

G0559412 G0559413 G0559414 G0559415 G0559416 G0559417 G0559418 G0559419 G0559420 G0559421 G0559422 G0559423 G0559424 G0559425 G0559426 J999500 J999501 J999502 J999503 J999504 J999505 J999506 J999507 J999508 J999509 J999510 J999511 J999512 J999513 J999514 J999515 J999517 J999518 J999519 J999520 J999521 J999522 J999523 J999524 J999525 J999526 J999527 J999528 J999529 J999530 J999531 J999532 J999533 J999534 J999535 J999536 J999537 J999538 J999539 J999540 J999541 J999542 J999543 J999544 J999545 J999546 J999547 J999548 J999549 J999550

030

383020E
6850010N
1350m

Montmorillonite alteration
clay alteration
Silicious dyke
clay alteration
Hematite
Rusted material between goethite bands
Disseminated pyrite
Silicious dyke
Montmorillonite alteration
Hematite and sericite alteration
Hematite and sericite alteration
137/65 (rolloffucted)

J999551 J999552 J999553 J999554 J999555 J999556 J999557 J999558 J999559 J999560 J999561 J999562 J999563 J999564 J999565 J999566 J999567 J999568 J999569 J999570 J999571 J999572 J999573 J999574 J999575 J999576 J999577 J999578 J999579 J999580 J999581 J999582 J999583 J999584 J999585 J999586 J999587 J999588 J999589 J999590 J999591 J999592 J999594 J999595 J999596 J999598 J999599 J999600 J999601 J999602 J999603 J999604 J999605 J999606 J999607 J999608 J999609 J999610 J999611 J999612

030

Montmorillonite alteration
Hematite
Montmorillonite alteration
120/68
Fractures @ 050/60
050/75 Quartz vein along 050 fault
2cm galena vein @ 150/78
Montmorillonite alteration
Milky quartz veinlets
2cm wide galena/ sphalerite (3%) quartz vein
Montmorillonite alteration
Montmorillonite alteration
111/83
5cm carbonate quartz vein hosting disseminated galena/ pyrite/sphalerite
Milky quartz veinlets
Montmorillonite alteration
Montmorillonite alteration
Minor malachite and azurite in zone
6cm carbonate quartz vein hosting disseminated galena/ pyrite/sphalerite/tetrahedrite @ 139/38

J999613 J999614 J999615 J999616 J999617 J999618 J999619 J999620 J999621 J999622 J999623 J999624 J999625 J999626 J999627 J999628

030

382800E
6850010N
1386m

Fractures @ 242/85 and 165/81
Silicious dyke

- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting disseminated porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

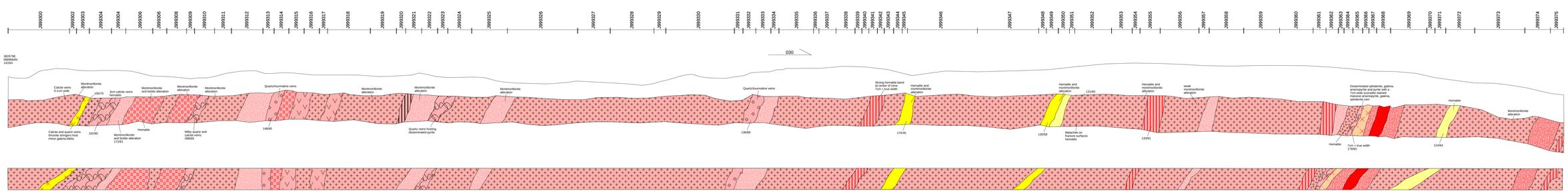
TR-10-11

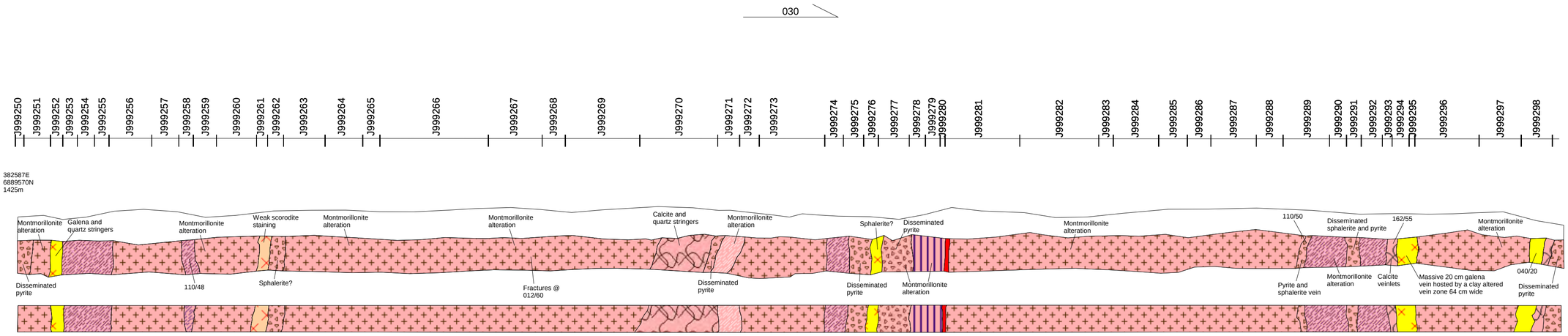
KLAZA PROPERTY

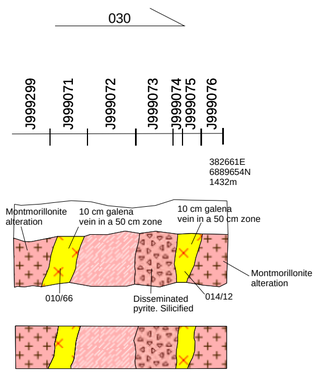
0 5 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\k_tr1_10_11.wor DATE: MAY 2011


J993300
J993302
J993303
J993304
J993305
J993306
J993307
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J993365
J993366
J993367
J993368
J993369
J993370
J993371
J993372
J993374
J993375
030
3826796
689964m
1433m
Calcite veins
0-1cm wide
Montmorillonite
alteration
100/70
3cm calcite veins
hematite
Montmorillonite
and biotite alteration
Montmorillonite
alteration
Montmorillonite
alteration
Quartz/tourmaline veins
Montmorillonite
alteration
Montmorillonite
alteration
Montmorillonite
alteration
Quartz/tourmaline veins
Strong hematite band
with minor pyrite
1cm = true width
Hematite and
montmorillonite
alteration
Hematite and
montmorillonite
alteration
131/60
Hematite and
montmorillonite
alteration
weak
montmorillonite
alteration
Disseminated sphalerite, galena,
arsenopyrite and pyrite with a
7cm wide sconsdite stained
massive arsenopyrite, galena,
sphalerite vein
Hematite
Montmorillonite
alteration
Calcite and quartz veins
limonite stringers host
minor galena blebs
182/80
Montmorillonite
and biotite alteration
172/81
Hematite
Milky quartz and
calcite veins
066/69
148/80
Quartz veins hosting
disseminated pyrite
136/68
170/45
130/58
Malachite on
fracture surfaces
hematite
133/61
Hematite
7cm = true width
178/60
124/64
J993376
J993377
J993378
J993379
J993380
J993381
J993382
J993383
J993384
J993385
J993386
J993387
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J993408
J993409
J993410
J993411
J993412
J993413
J993414
J993415
J993416
J993417
J993418
J993419
J993420
J993421
030
Hematite
Semi-massive galena,
sphalerite vein
15cm = true width
140/75
Quartz carbonate zone
hosting numerous calcite
veins <2cm and a 5cm
quartz tourmaline vein
Hematite
Montmorillonite
alteration
Montmorillonite
alteration
Montmorillonite
alteration
Hematite
Quartz tourmaline vein
Calcite veins
Montmorillonite
alteration
Massive galena
vein
Montmorillonite
alteration
hematite
Montmorillonite
alteration
hematite
5 cm = true width
160/62
3cm massive
galena vein
42cm = true width
120/90
Montmorillonite
alteration
Quartz tourmaline
vein
Hematite
Montmorillonite
alteration
Montmorillonite
alteration
hematite
Montmorillonite
alteration
hematite
Montmorillonite
alteration
139/70
Hematite
016/15
Montmorillonite
alteration
Montmorillonite
alteration
148/82
Hematite
Montmorillonite
alteration
Montmorillonite
alteration
J993422
J993423
J993424
J993425
J993426
J993427
J993428
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J993430
J993431
J993432
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J993471
J993472
J993473
J993474
J993475
J993476
J993477
J993478
J993479
J993480
030
Montmorillonite
alteration
Hematite
Montmorillonite
alteration
Quartz fragments
pyrite vein
Hematite
Hematite
Hematite
Sphalerite
Montmorillonite
alteration
Hematite
Montmorillonite
alteration
Montmorillonite
alteration
hematite
Montmorillonite
alteration
hematite
Calcite
veinlets
Montmorillonite
alteration
hematite
hematite
hematite
hematite
Montmorillonite
alteration
Montmorillonite
alteration
hematite
Montmorillonite
alteration
hematite
Montmorillonite
alteration
169/86
Fractures @
064/84
20cm = true width
168/60
136/72
Fractures @
144/70
115/58
Fractures @
118/30
080/60
J993481
J993482
J993483
J993484
J993485
J993486
J993487
J993488
J993489
J993490
J993491
J993492
J993493
030
3831105
6866290N
1311m
Montmorillonite
alteration
Hematite
Hematite
Hematite
Fractures @
014/46
Manganese stained
shear zone hosting
disseminated sulphides
Clay altered vein
Shear zone
Clay altered vein hosting
crushed quartz/feldspar
porphyry fragments
Weakly developed clay altered vein hosting
crushed quartz/feldspar porphyry fragments
Limonite stained clay
altered vein
Quartz/feldspar porphyry dyke
Limonite stained
intrusive
shear zone hosting
clay altered vein
shear zone hosting
quartz/feldspar porphyry
dyke fragments
Clay altered vein
intrusive hosting
disseminated sulphides
Altered intrusive hosting
disseminated tourmaline and
sulphide minerals
Altered intrusive hosting
quartz/feldspar porphyry
and porphyry dyke fragments
Altered intrusive hosting
disseminated sulphides
Weakly developed clay
altered vein
Mineralized veinlets
hosted in intrusive
Manganese stained
intrusive
Water
Manganese bands
Goethite bands
Goethite stained intrusive
hosting disseminated sulphides
Goethite stained
altered intrusive
Manganese stained
shear zone
Quartz/feldspar dyke
Clay altered vein hosting
sulphide minerals
Quartz/feldspar porphyry
hosting disseminated sulphides
Altered intrusive hosting
disseminated tourmaline
Hematite bands
Quartz/feldspar porphyry
hosting disseminated sulphides
and tourmaline
Overburden
ROCKHAVEN RESOURCES LTD.
FIGURE 17
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TR-10-12
KLAZA PROPERTY
0
5
10 m
UTM ZONE 8 NAD 83
FILE: ...2010\Patrick...\KL_TR_17.mxd
DATE: MAY 2011





- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 18

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

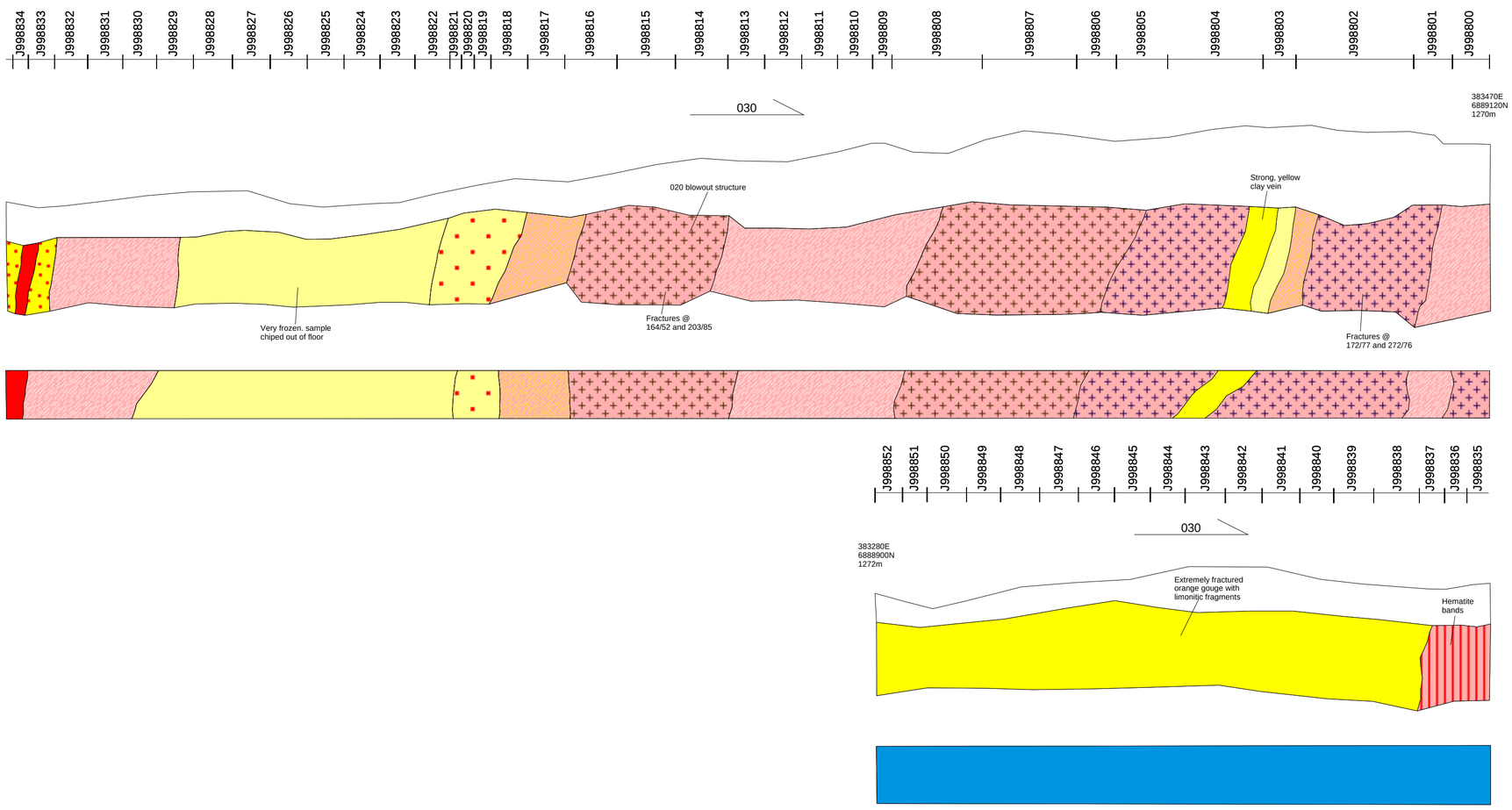
TR-10-12 South

KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_12_south.wor | DATE: MAY 2011



Manganese stained shear zone hosting disseminated sulphides

Clay altered vein

Shear zone

Clay altered vein hosting crushed quartz/feldspar porphyry fragments

Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments

Limonite stained clay altered vein

Quartz/feldspar porphyry dyke

Limonite stained intrusive

shear zone hosting clay altered vein

shear zone hosting quartz/feldspar porphyry dyke fragments

Rusted, highly altered intrusive hosting disseminated sulphides

Altered intrusive hosting disseminated tourmaline and sulphide minerals

Altered intrusive hosting disseminated sulphides and porphyry dyke fragments

Altered intrusive hosting disseminated sulphides

Weakly developed clay altered vein

Mineralized veinlets hosted in intrusive

Manganese stained intrusive

Water

Manganese bands

Goethite bands

Goethite stained intrusive hosting disseminated sulphides

Goethite stained altered intrusive

Manganese stained shear zone

Quartz/feldspar dyke

Clay altered vein hosting sulphide minerals

Quartz/feldspar porphyry hosting disseminated sulphides

Altered intrusive hosting disseminated tourmaline

Hematite bands

Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline

Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

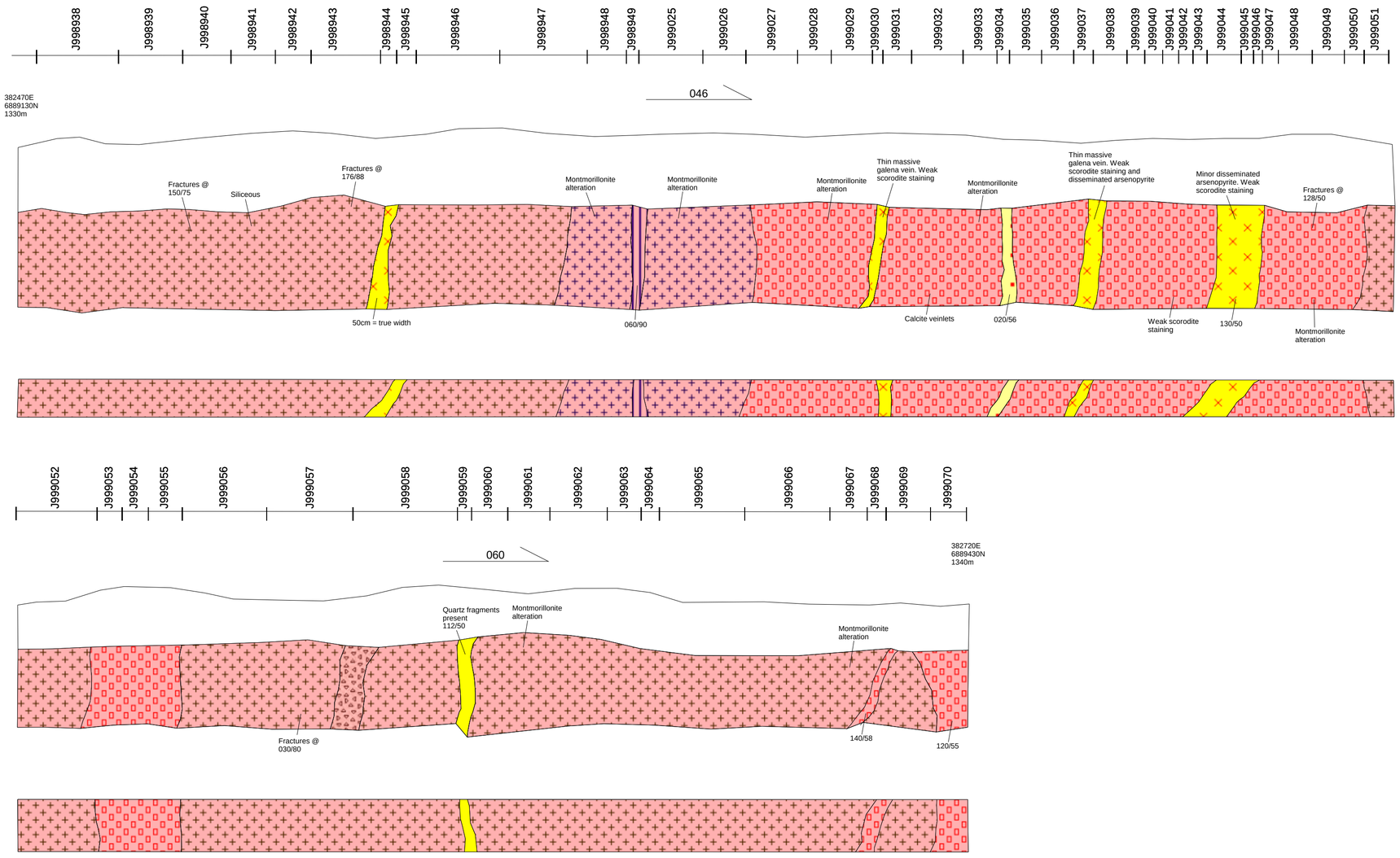
TR-10-13

KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_13.wor | DATE: MAY 2011



- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 20

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-14

KLAZA PROPERTY

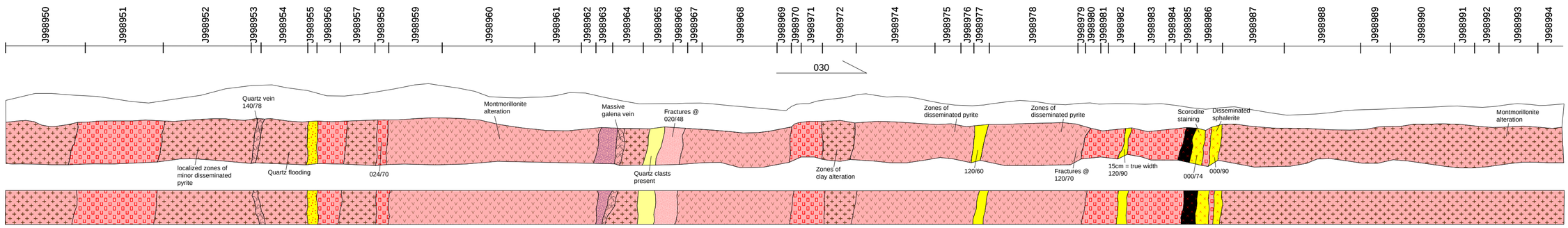
0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

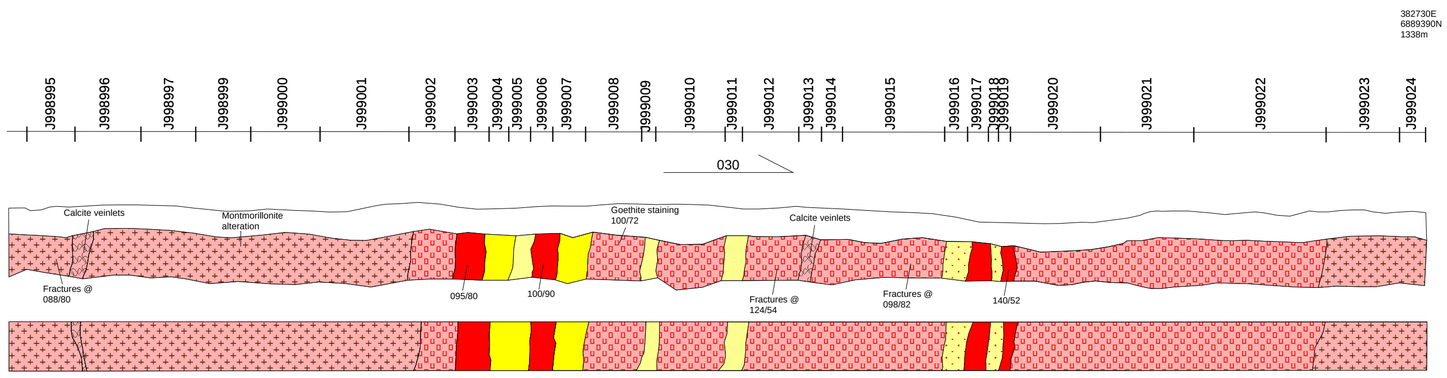
FILE: ...2010\Klaza\...\KL_TR_14.wor

DATE: MAY 2011

382640E
6889280N
1332m



382730E
6889390N
1338m



- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 21

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

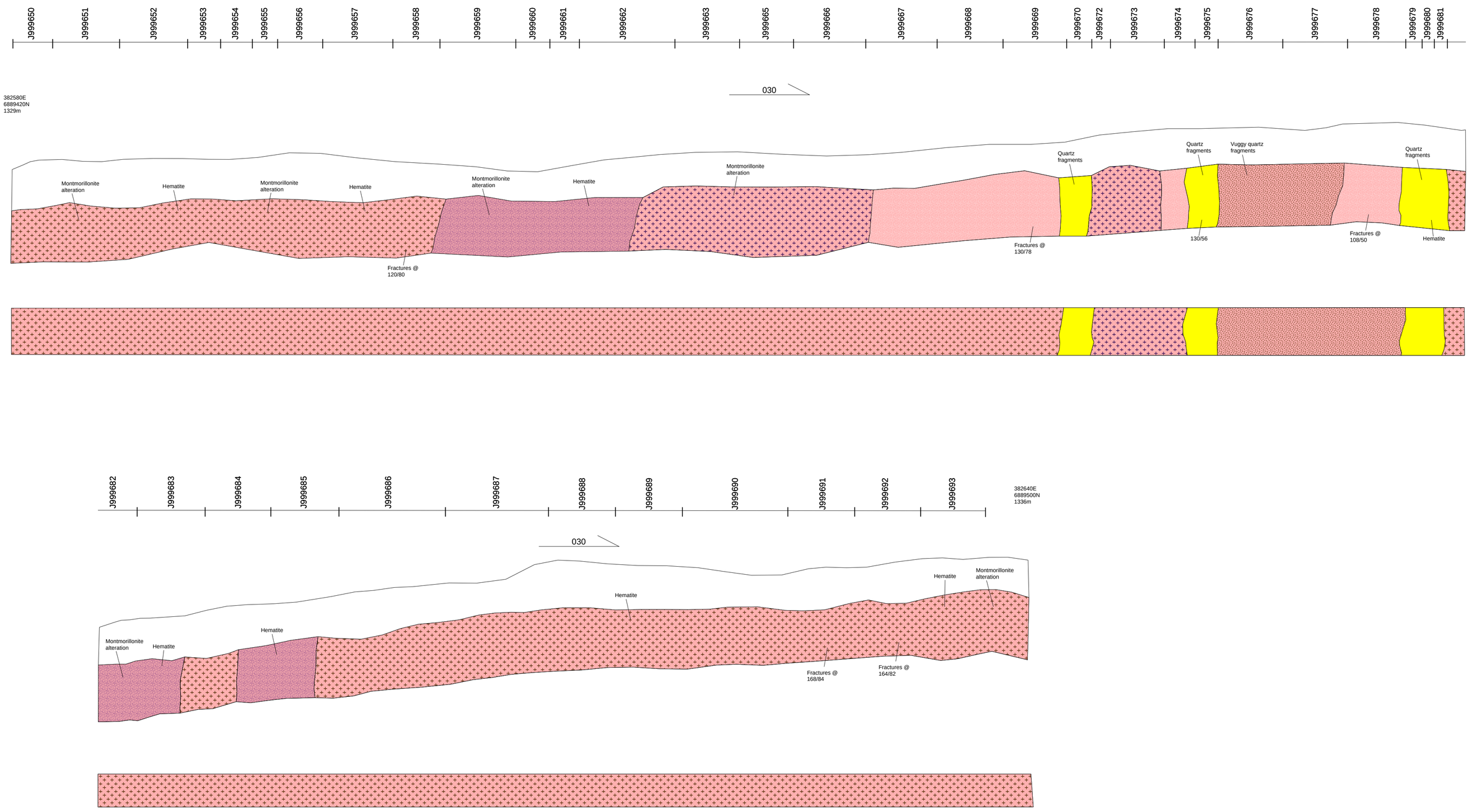
TR-10-15

KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_15.wor | DATE: MAY 2011



- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 22

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-16

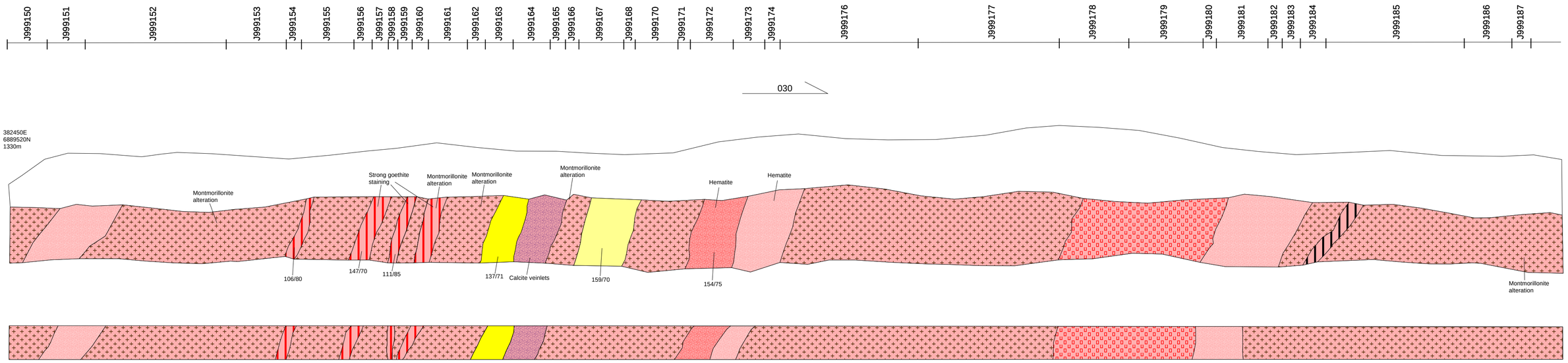
KLAZA PROPERTY

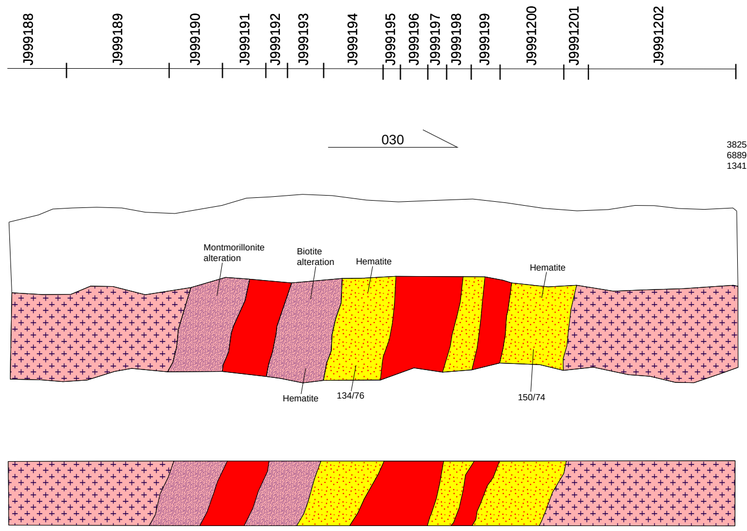
0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_16.wor

DATE: MAY 2011





- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 23

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-17

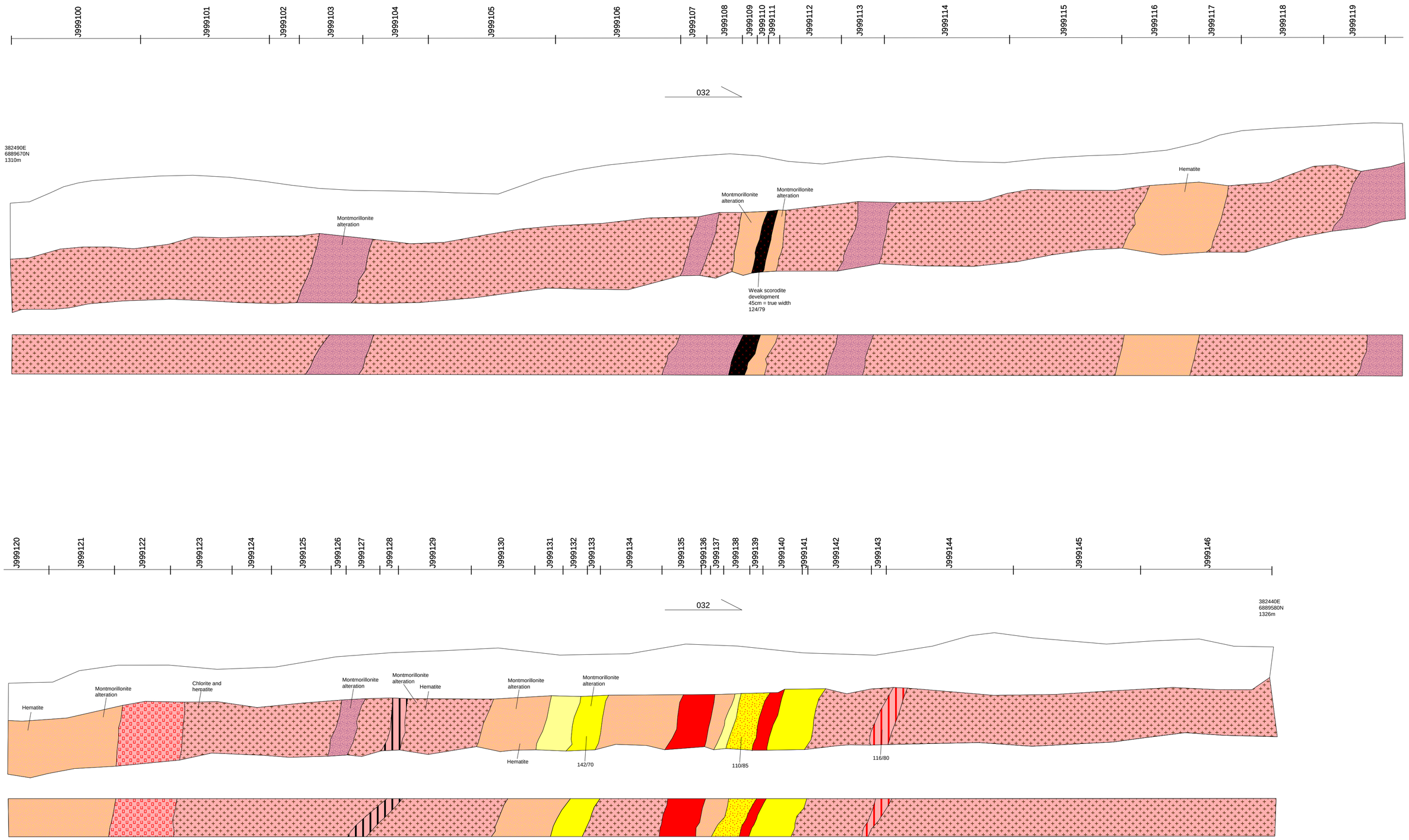
KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_17.wor

DATE: MAY 2011



- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 24

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-18

KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

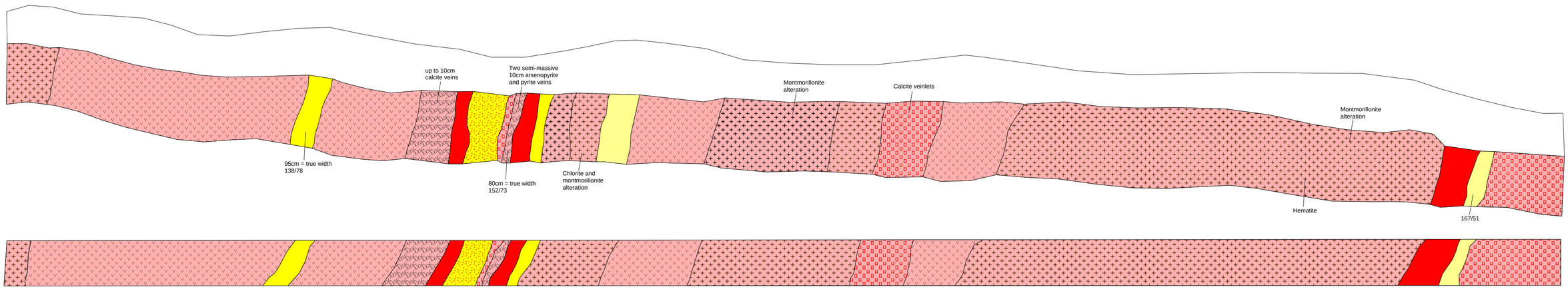
FILE: ...2010\Klaza\...\KL_TR_18.wor

DATE: MAY 2011

J981332 J981330 J981329 J981328 J981327 J981326 J981325 J981324 J981323 J981322 J981321 J981320 J981319 J981318 J981317 J981316 J981315 J981314 J981313 J981312 J981311 J981310 J981309 J981308 J981307 J981306 J981305 J981304 J981303 J981302 J981301 J981300

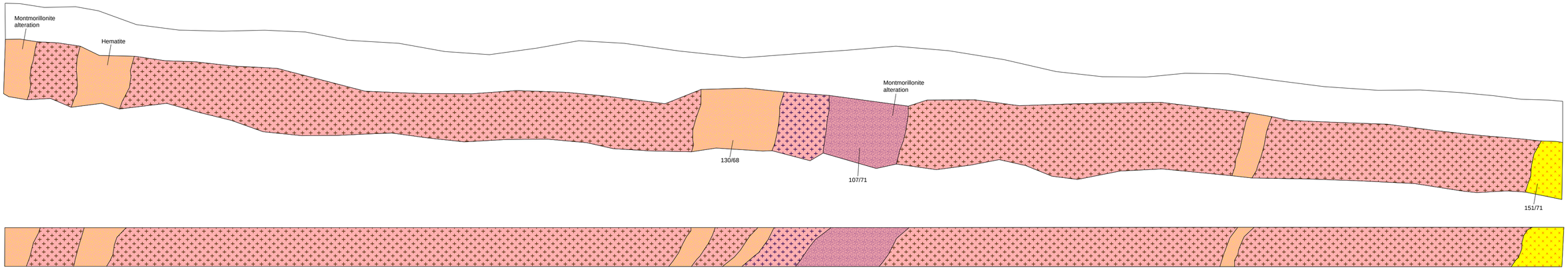
382810E
6890620N
1336m

030



J981358 J981357 J981356 J981355 J981354 J981353 J981352 J981351 J981350 J981349 J981348 J981347 J981346 J981345 J981344 J981343 J981342 J981341 J981340 J981339 J981338 J981337 J981336 J981334 J981333

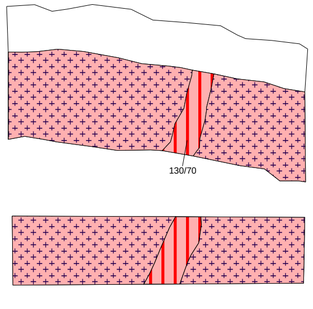
030



J981361 J981360 J981359

030

382720E
6890470N
1298m



- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 25

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-19

KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_19.wor

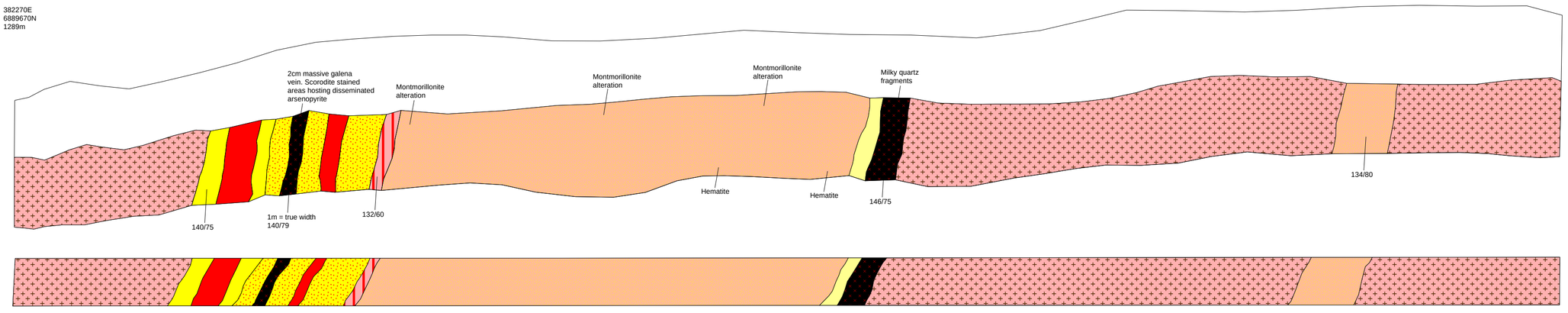
DATE: MAY 2011

J981362 J981363 J981364 J981365 J981366 J981367 J981368 J981369 J981370 J981371 J981372 J981373 J981374 J981375 J981376 J981377 J981378 J981379 J981380 J981381 J981382 J981383 J981384 J981385 J981386 J981387

030

382270E
6889670N
1289m

382350E
6889780N
1310m



- Manganese stained shear zone hosting disseminated sulphides
- Clay altered vein
- Shear zone
- Clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments
- Limonite stained clay altered vein
- Quartz/feldspar porphyry dyke
- Limonite stained intrusive
- shear zone hosting clay altered vein
- shear zone hosting quartz/feldspar porphyry dyke fragments
- Rusted, highly altered intrusive hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline and sulphide minerals
- Altered intrusive hosting disseminated sulphides and porphyry dyke fragments
- Altered intrusive hosting disseminated sulphides
- Weakly developed clay altered vein
- Mineralized veinlets hosted in intrusive
- Manganese stained intrusive
- Water
- Manganese bands
- Goethite bands
- Goethite stained intrusive hosting disseminated sulphides
- Goethite stained altered intrusive
- Manganese stained shear zone
- Quartz/feldspar dyke
- Clay altered vein hosting sulphide minerals
- Quartz/feldspar porphyry hosting disseminated sulphides
- Altered intrusive hosting disseminated tourmaline
- Hematite bands
- Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline
- Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 26

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-20

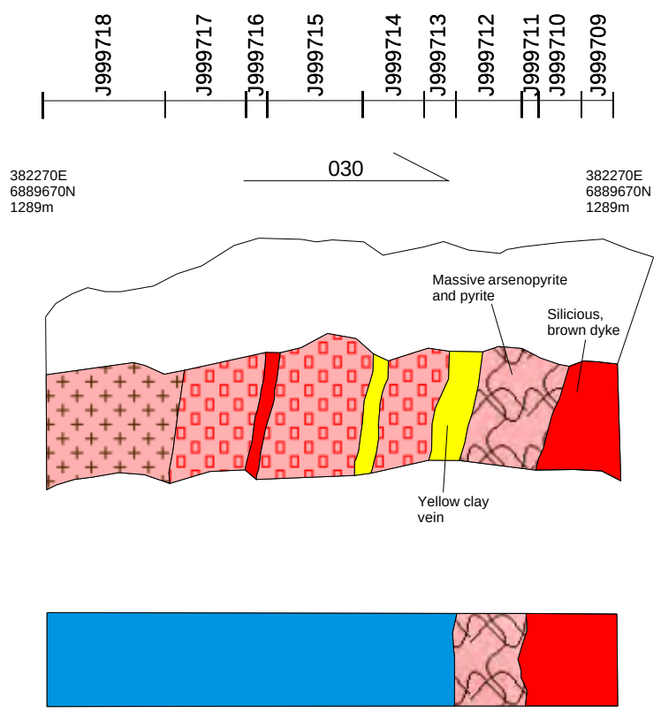
KLAZA PROPERTY

0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_20.wor

DATE: MAY 2011



Manganese stained shear zone hosting disseminated sulphides

Clay altered vein

Shear zone

Clay altered vein hosting crushed quartz/feldspar porphyry fragments

Weakly developed clay altered vein hosting crushed quartz/feldspar porphyry fragments

Limonite stained clay altered vein

Quartz/feldspar porphyry dyke

Limonite stained intrusive

shear zone hosting clay altered vein

shear zone hosting quartz/feldspar porphyry dyke fragments

Rusted, highly altered intrusive hosting disseminated sulphides

Altered intrusive hosting disseminated tourmaline and sulphide minerals

Altered intrusive hosting disseminated sulphides and porphyry dyke fragments

Altered intrusive hosting disseminated sulphides

Weakly developed clay altered vein

Mineralized veinlets hosted in intrusive

Manganese stained intrusive

Water

Manganese bands

Goethite bands

Goethite stained intrusive hosting disseminated sulphides

Goethite stained altered intrusive

Manganese stained shear zone

Quartz/feldspar dyke

Clay altered vein hosting sulphide minerals

Quartz/feldspar porphyry hosting disseminated sulphides

Altered intrusive hosting disseminated tourmaline

Hematite bands

Quartz/feldspar porphyry hosting disseminated sulphides and tourmaline

Overburden

ROCKHAVEN RESOURCES LTD.

FIGURE 27

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-10-21

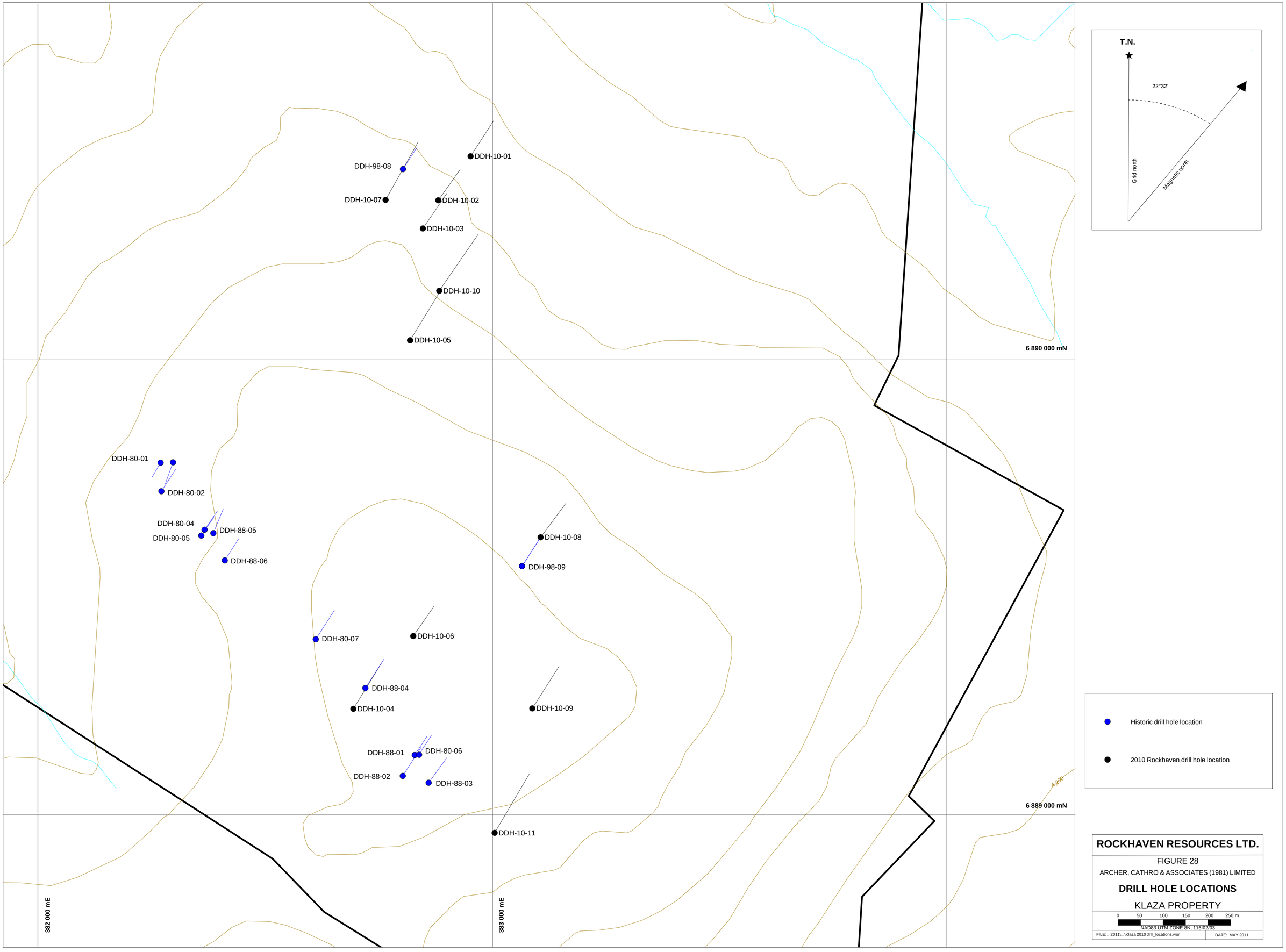
KLAZA PROPERTY

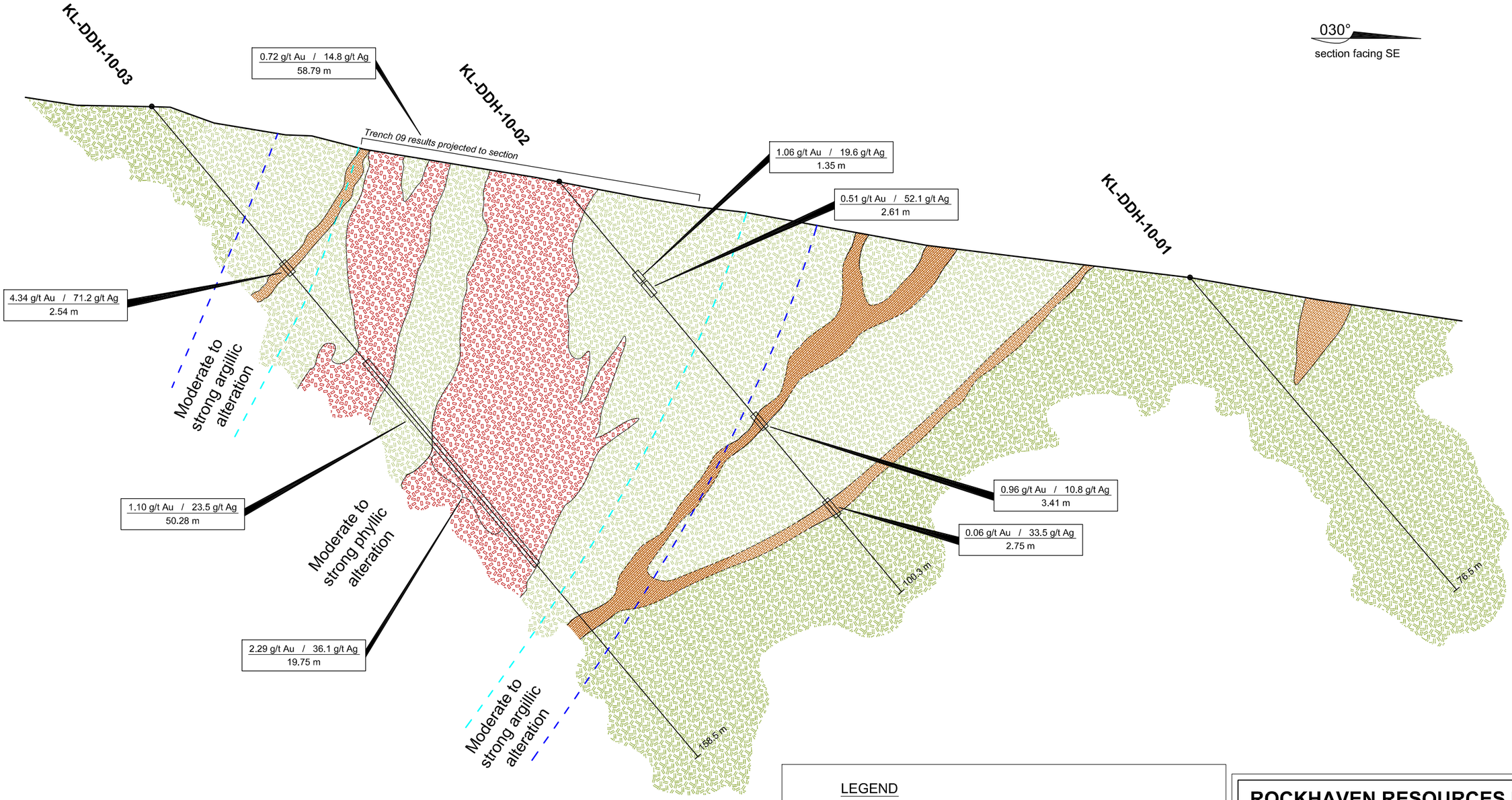
0 2 4 6 8 10 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\KL_TR_21.wor

DATE: MAY 2011


T.N.
22°32'
Grid north
Magnetic north
DDH-98-08
DDH-10-01
DDH-10-07
DDH-10-02
DDH-10-03
DDH-10-10
DDH-10-05
6 890 000 mN
DDH-80-01
DDH-80-02
DDH-80-04
DDH-80-05
DDH-88-05
DDH-88-06
DDH-10-08
DDH-98-09
DDH-80-07
DDH-10-06
DDH-88-04
DDH-10-04
DDH-10-09
DDH-88-01
DDH-80-06
DDH-88-02
DDH-88-03
DDH-10-11
4-200
6 889 000 mN
382 000 mE
383 000 mE
Historic drill hole location
2010 Rockhaven drill hole location
ROCKHAVEN RESOURCES LTD.
FIGURE 28
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DRILL HOLE LOCATIONS
KLAZA PROPERTY
0 50 100 150 200 250 m
NAD83 UTM ZONE 8N, 115I02/03
FILE: ...2011\...\Klaza 2010 drill_locations.wor
DATE: MAY 2011



LEGEND

- VEIN ZONE
- FELDSPAR PORPHYRY DYKES AND RELATED BRECCIAS
- GRANODIORITE
- DRILL HOLE
- SAMPLED INTERVAL WITH ASSAY VALUES
- TRENCH SAMPLE

ROCKHAVEN RESOURCES LTD.

FIGURE 29

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

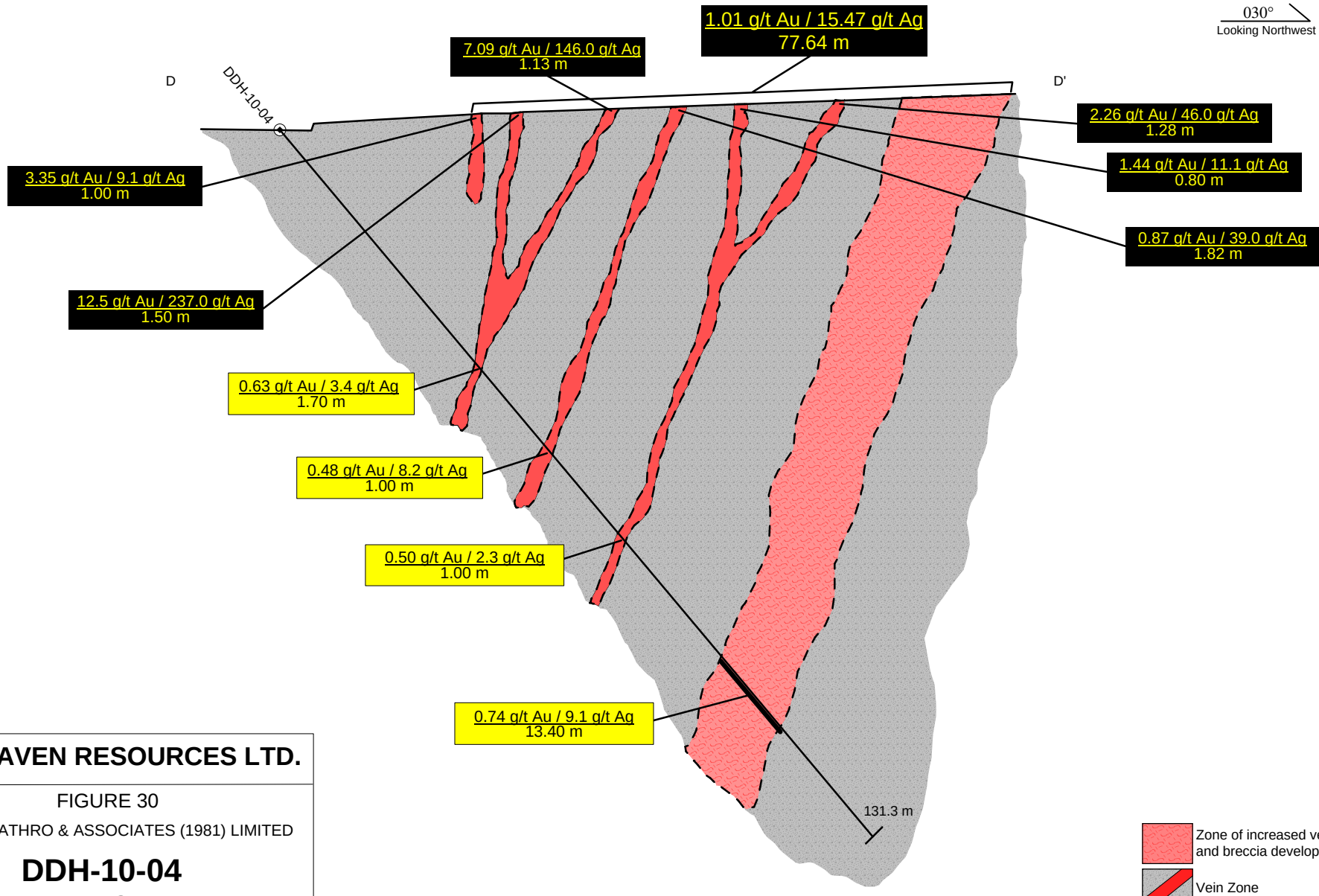
DDH-KL-10-01, -02, -3 Drill Section

KLAZA PROPERTY

SCALE 1:750 1H = 1V

0 10 20 30 40 50 m

DRAWN BY: M.Kammerer	PROJECT: KLAZA
FILE:P:\2010\KLAZA	DATE: 2010



ROCKHAVEN RESOURCES LTD.

FIGURE 30

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-10-04

KLAZA PROPERTY

0 10 20 30 m

382826 E 6889392 N

FILE: ...2010\Klaza\...\Map Info Figs

DATE: MAY 2011

C

030°
Looking Northwest

C'

DDH-10-05

1.52 g/t Au / 31.2 g/t Ag
5.22 m

1.95 g/t Au / 82.6 g/t Ag
2.65 m

DDH-10-10

4.57 g/t Au / 51.6 g/t Ag
3.97 m

0.77 g/t Au / 14.8 g/t Ag
28.49 m

1.465 g/t Au / 95.1 g/t Ag
1.96 m

Argillic and Phyllic alteration increasing down-hole

Phyllic and potassic alteration increasing to bottom. Hole lost due to technical difficulties

182.88 m

2.33 g/t Au / 33.0 g/t Ag
1.50 m

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

2.04 g/t Au / 18.7 g/t Ag
5.40 m

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

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

0.70 g/t Au / 8.3 g/t Ag
74.30 m

219.46 m

Intermittent brecciation and siliceous banding

Feldspar porphyry dykes and related veins and breccias

Vein Zone

Granodiorite

C' Section Line

ROCKHAVEN RESOURCES LTD.

FIGURE 31

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-10-05 and DDH-10-10

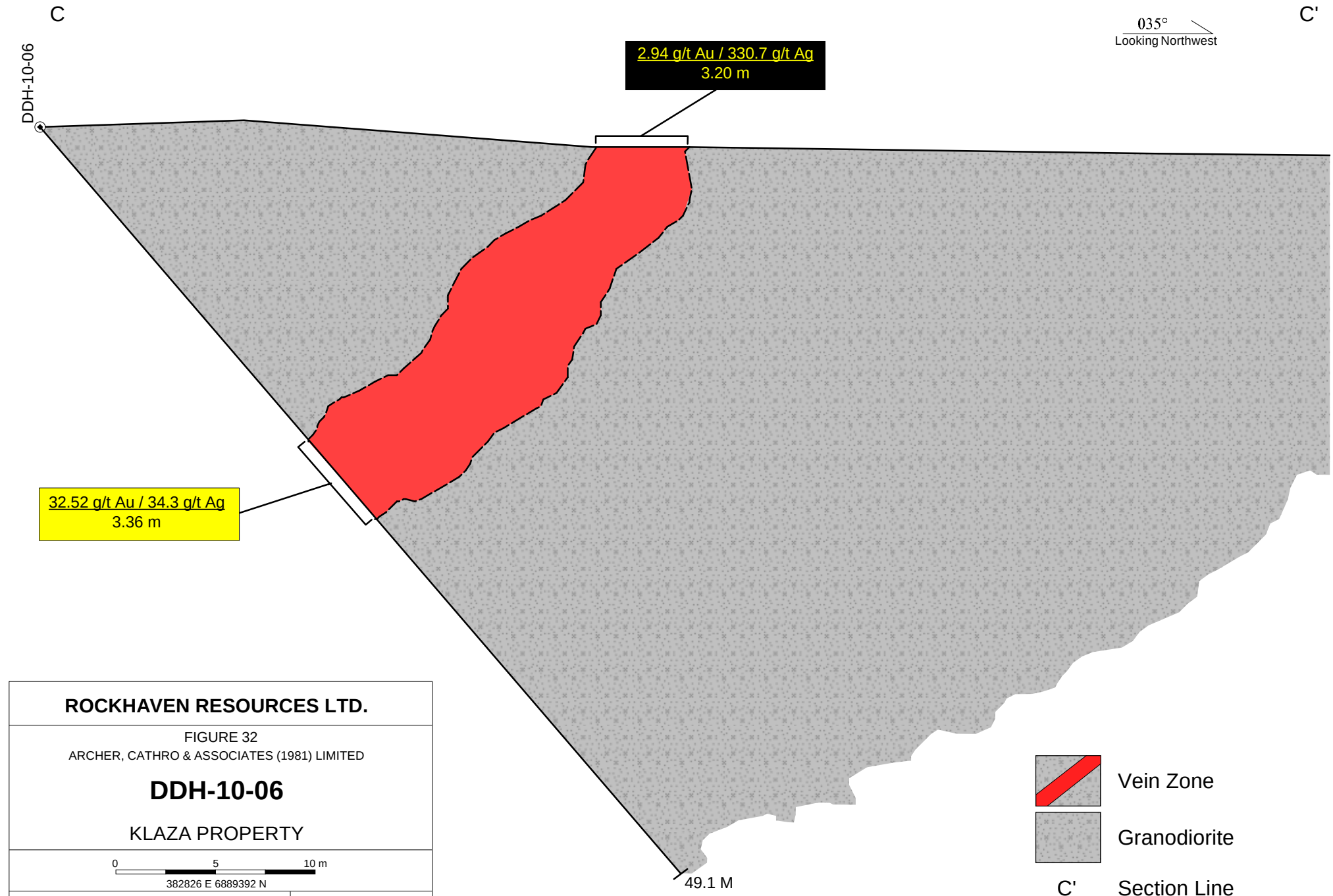
KLAZA PROPERTY

0 10 20 30 m

UTM ZONE 8 NAD 83

FILE: ...2010\Klaza\...\Map Info Figs

DATE: MAY 2011



ROCKHAVEN RESOURCES LTD.

FIGURE 32

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

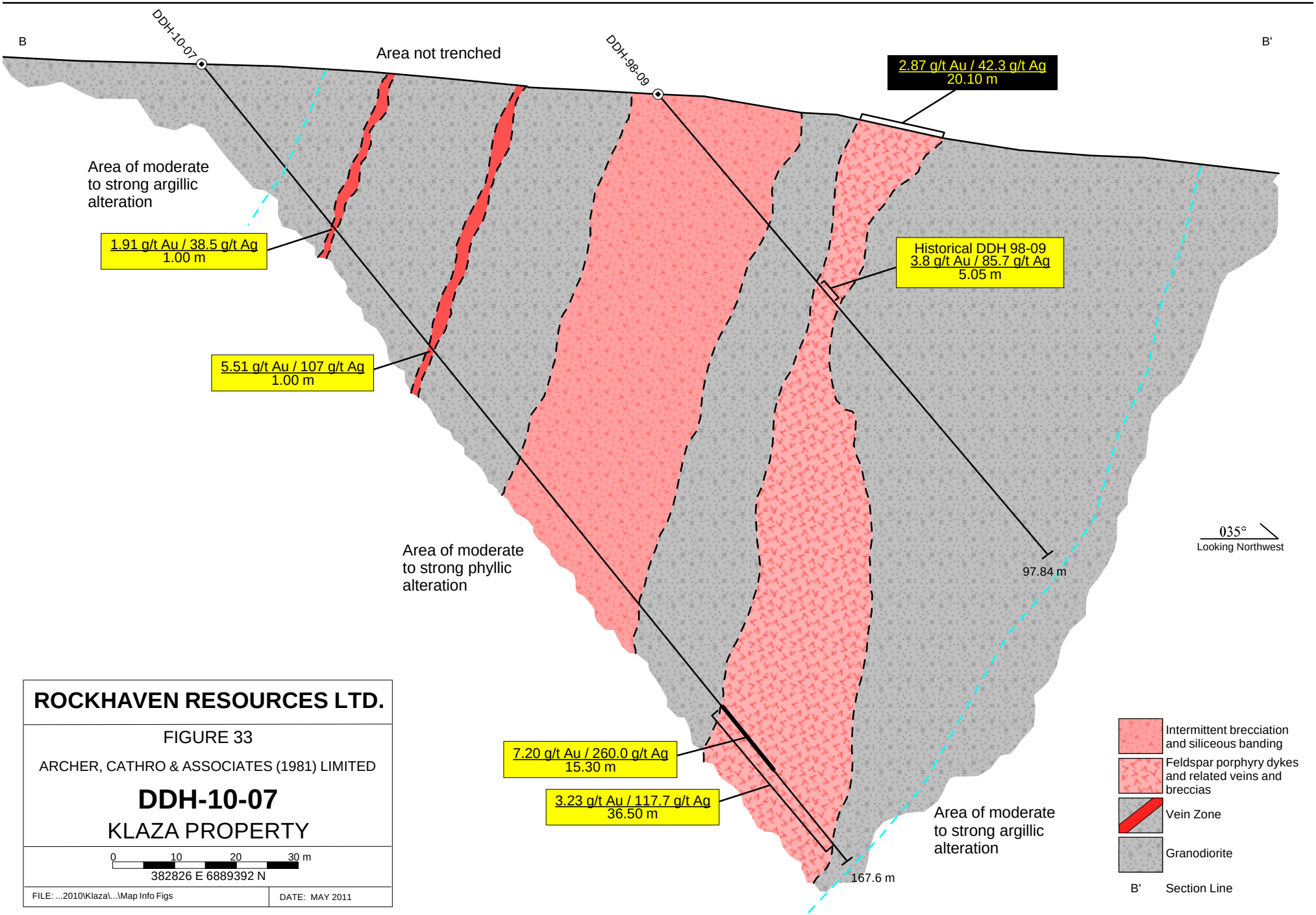
DDH-10-06

KLAZA PROPERTY

0 5 10 m

382826 E 6889392 N

FILE: ...2010\Klaza\...\Map Info Figs | DATE: MAY 2011



ROCKHAVEN RESOURCES LTD.

FIGURE 33

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-10-07

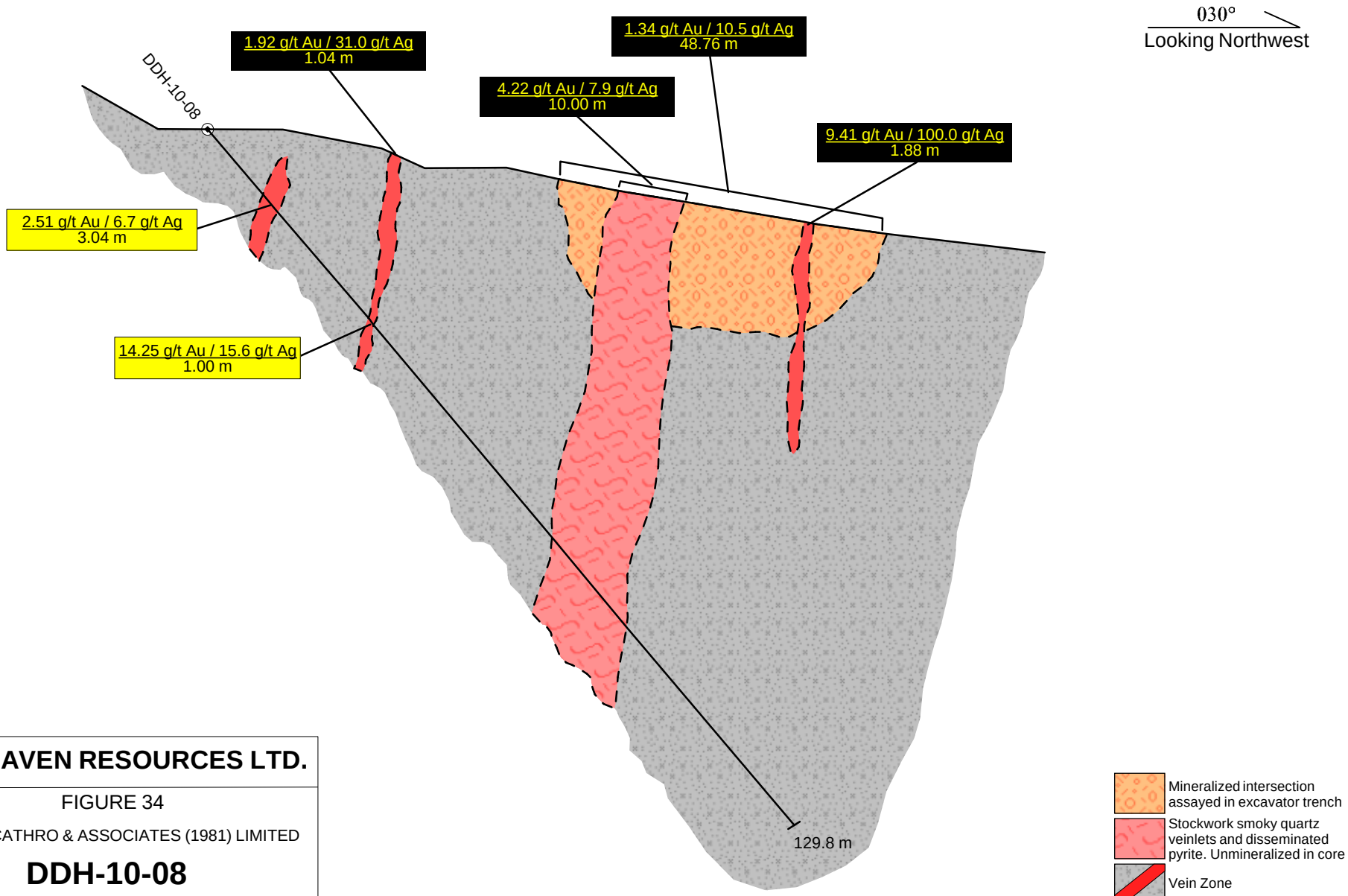
KLAZA PROPERTY

0 10 20 30 m

382826 E 6889392 N

FILE: ...2010\Klaza\...\Map Info Figs

DATE: MAY 2011



ROCKHAVEN RESOURCES LTD.

FIGURE 34

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-10-08

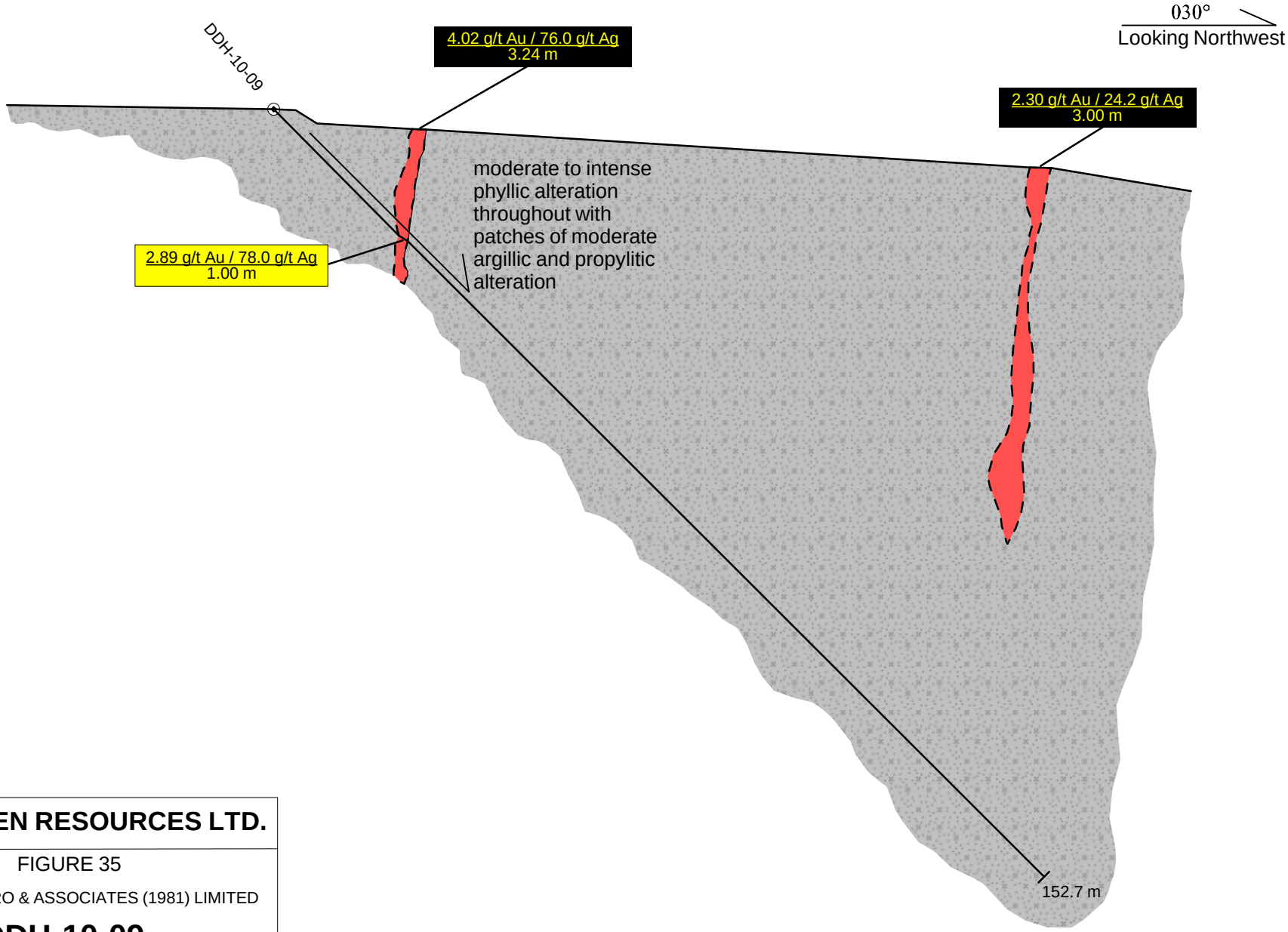
KLAZA PROPERTY

0 10 20 30 m

382826 E 6889392 N

FILE: ...2010\Klaza\...\Map Info Figs

DATE: MAY 2011



ROCKHAVEN RESOURCES LTD.

FIGURE 35

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-10-09

KLAZA PROPERTY

0 10 20 30 m

382826 E 6889392 N

FILE: ...2010\Klaza\...\Map Info Figs

DATE: MAY 2011

D

D'

030°
Looking Northwest

Area not trenched.
Surface assay
projected to section
from KL-TR-10-01.

0.88 g/t Au / 8.0 g/t Ag
38.63 m

DDH-10-11

Modeled top of
chargeability
high.

Area of moderate
to strong argillic
alteration

0.61 g/t Au / 6.79 g/t Ag
22.20 m

Area of moderate
to strong phyllic
alteration

0.37 g/t Au / 3.7 g/t Ag
58.37 m

273.41 m

Area of moderate
to strong argillic
alteration

Intermitten brecciation
and siliceous banding

Granodiorite

D' Section Line

ROCKHAVEN RESOURCES LTD.

FIGURE 36

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-10-11

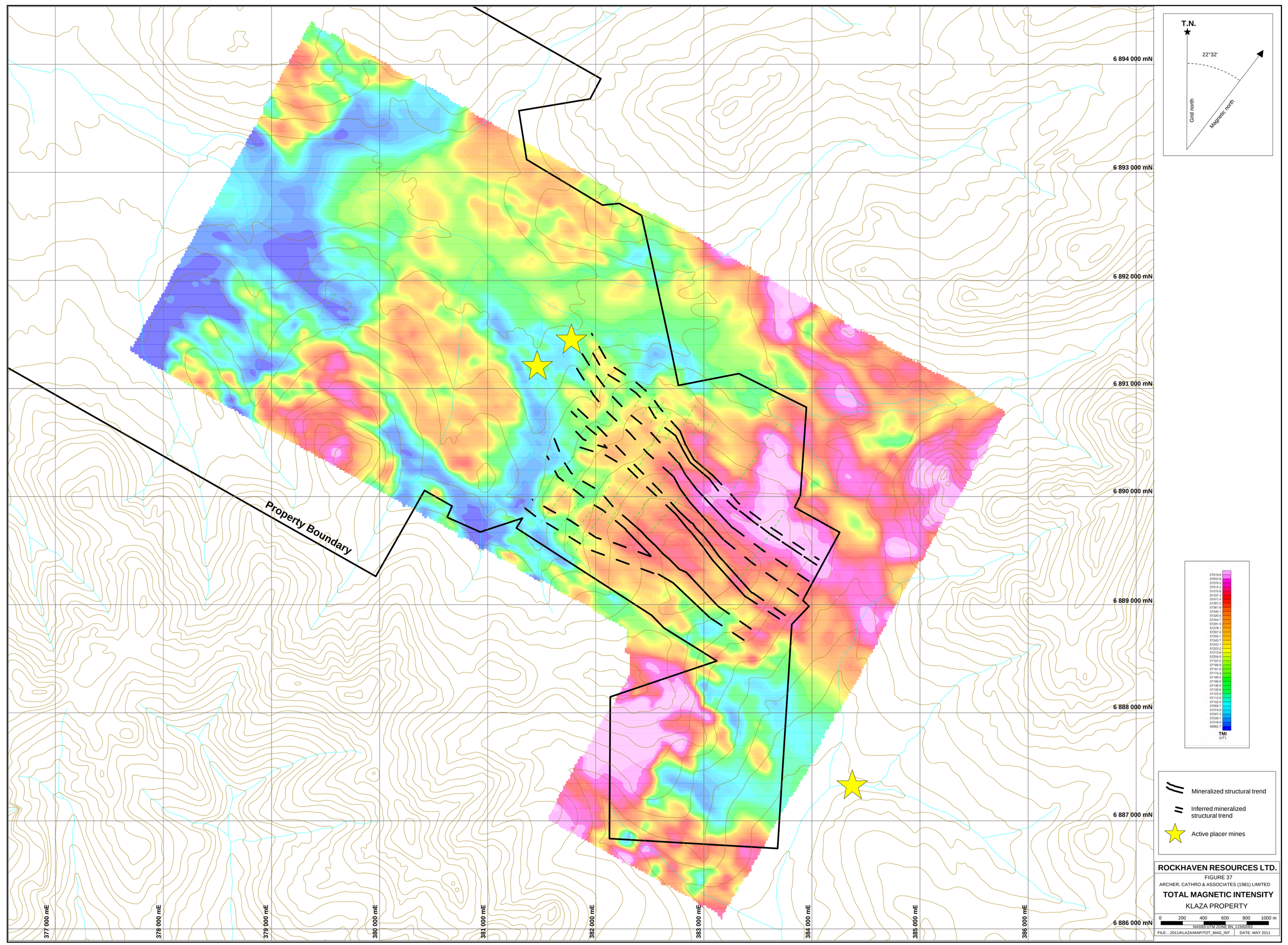
KLAZA PROPERTY

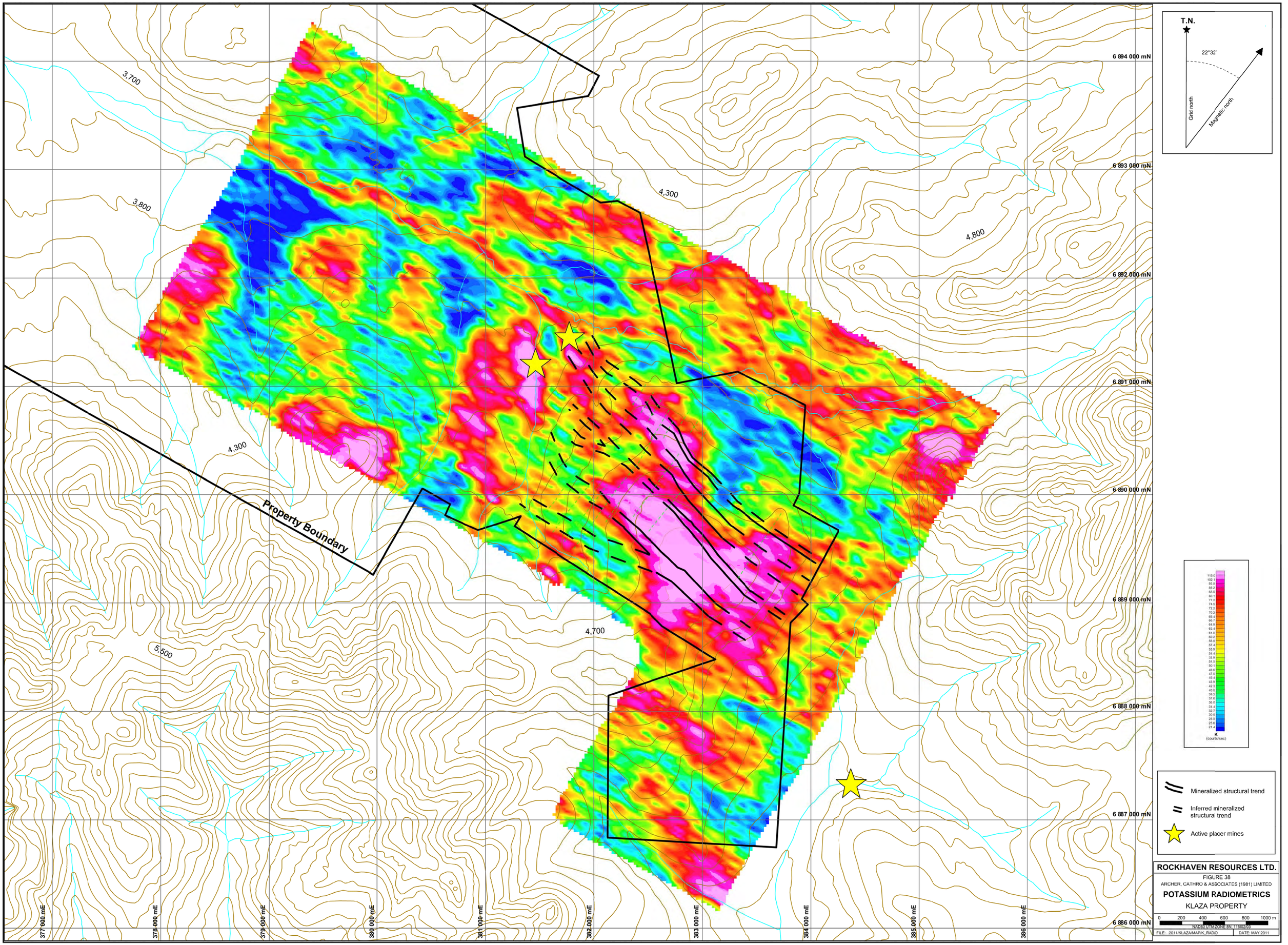
0 10 20 30 m

382826 E 6889392 N

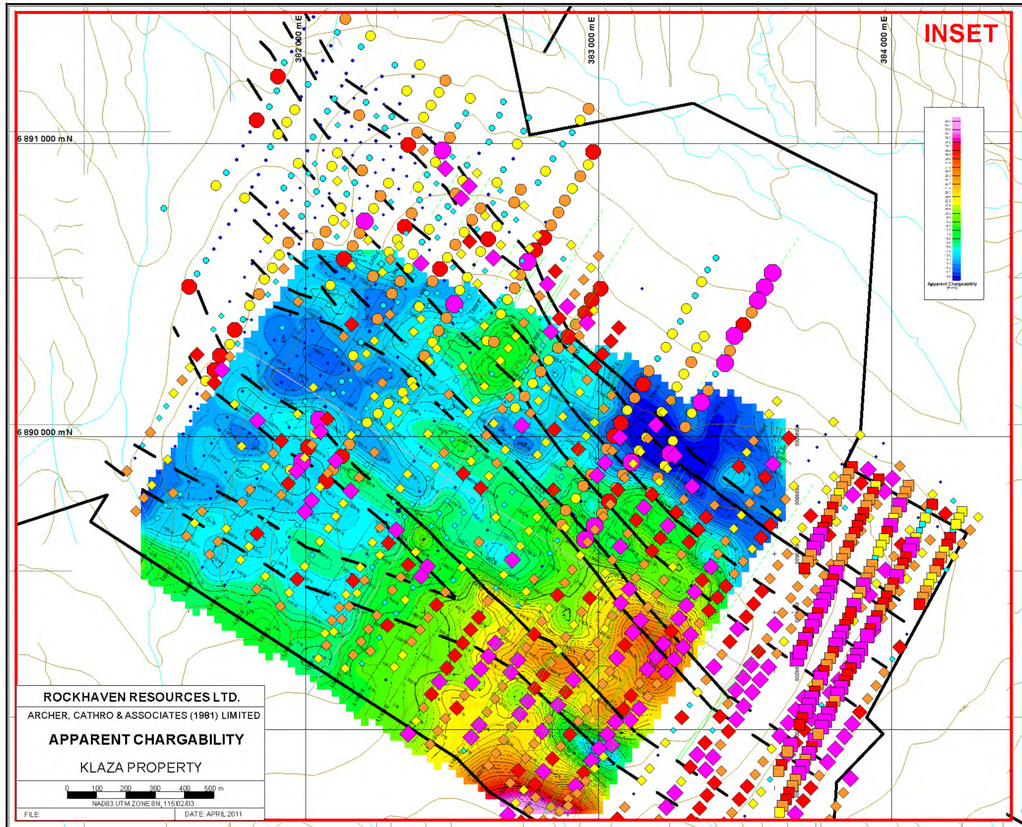
FILE: ...2010\Klaza\...\Map Info Figs

DATE: MAY 2011


T.N.
22°32'
Grid north
Magnetic north
6 894 000 mN
6 893 000 mN
6 892 000 mN
6 891 000 mN
6 890 000 mN
6 889 000 mN
6 888 000 mN
6 887 000 mN
6 886 000 mN
377 000 mE
378 000 mE
379 000 mE
380 000 mE
381 000 mE
382 000 mE
383 000 mE
384 000 mE
385 000 mE
386 000 mE
Property Boundary
57519.6
57653.9
57570.5
57515.3
57470.9
57437.4
57411.9
57387.0
57361.9
57340.1
57320.5
57304.7
57291.9
57279.1
57267.0
57255.1
57243.7
57233.1
57223.2
57213.6
57204.0
57197.0
57189.9
57181.9
57174.4
57166.2
57156.9
57146.0
57135.9
57123.9
57112.6
57102.0
57089.7
57074.9
57057.5
57039.1
57016.9
56992.7
TMI
(nT)
Mineralized structural trend
Inferred mineralized structural trend
Active placer mines
ROCKHAVEN RESOURCES LTD.
FIGURE 37
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TOTAL MAGNETIC INTENSITY
KLAZA PROPERTY
0 200 400 600 800 1000 m
NAD83 UTM ZONE 8N, 115I02/03
FILE:...2011/KLAZA/MAP/TOT_MAG_INT
DATE: MAY 2011

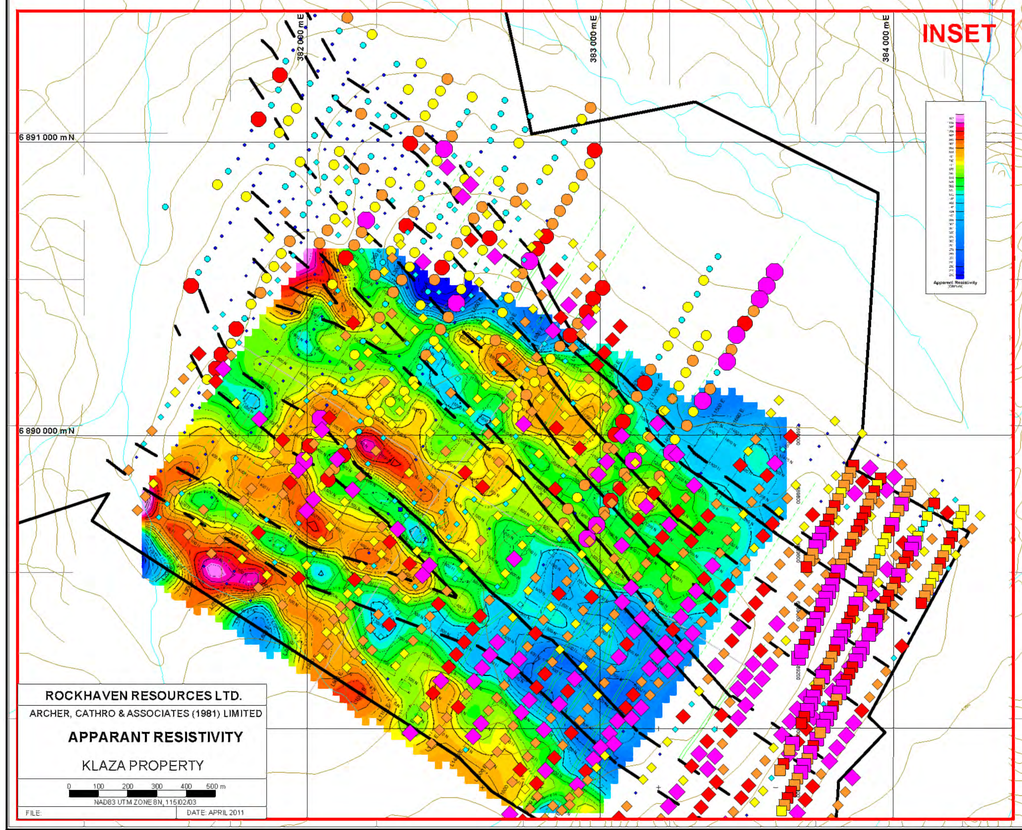

T.N.
22°32'
Grid north
Magnetic north
3,700
3,800
4,300
4,800
4,300
4,700
5,600
Property Boundary
6 894 000 mN
6 893 000 mN
6 892 000 mN
6 891 000 mN
6 890 000 mN
6 889 000 mN
6 888 000 mN
6 887 000 mN
6 886 000 mN
377 000 mE
378 000 mE
379 000 mE
380 000 mE
381 000 mE
382 000 mE
383 000 mE
384 000 mE
385 000 mE
386 000 mE
K
(counts/sec)
Mineralized structural trend
Inferred mineralized structural trend
Active placer mines
ROCKHAVEN RESOURCES LTD.
FIGURE 38
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
POTASSIUM RADIOMETRICS
KLAZA PROPERTY
0 200 400 600 800 1000 m
NAD83 UTM ZONE 8N, 1:15802.03
FILE: ..2011\KLAZA\MAP\K_RADIO
DATE: MAY 2011

INSET

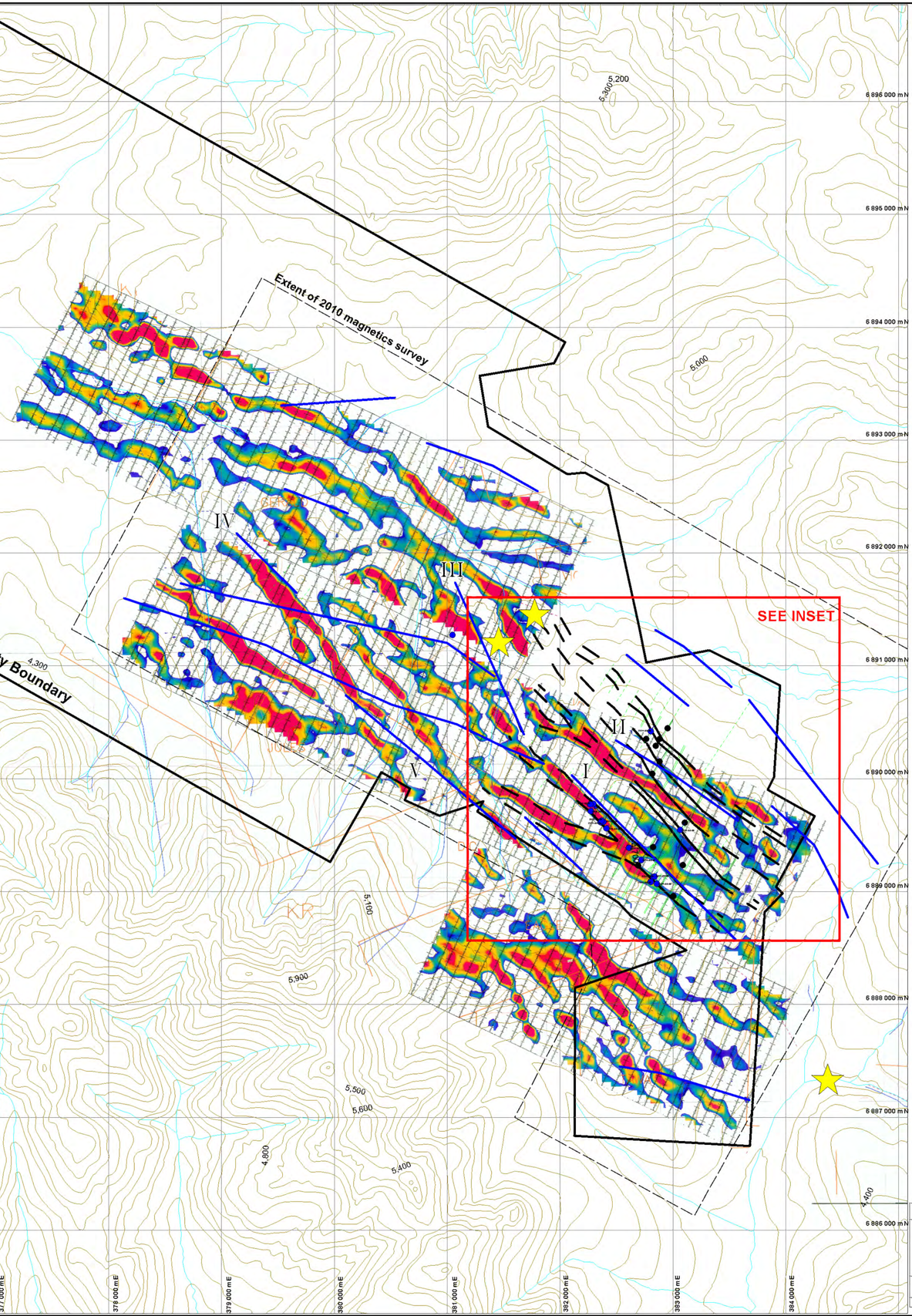


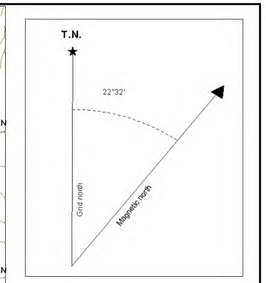
ROCKHAVEN RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
APPARENT CHARGABILITY
KLAZA PROPERTY
0 100 200 300 400 500 m
NAD83 UTM ZONE 8N, 115.02.03
FILE: DATE: APRIL 2011

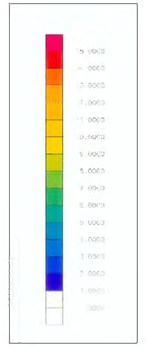
INSET



ROCKHAVEN RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
APPARANT RESISTIVITY
KLAZA PROPERTY
0 100 200 300 400 500 m
NAD83 UTM ZONE 8N, 115.02.03
FILE: DATE: APRIL 2011







II Linears refered to in text

Condor interpreted magnetic linears

2010 diamond drill hole

Historical diamond drill hole

Stripped area for future trenching

Excavator trench

Mineralized structural trend based on excavator trenching and drilling

Inferred structural trend based on gold and silver soil geochemistry and geophysics

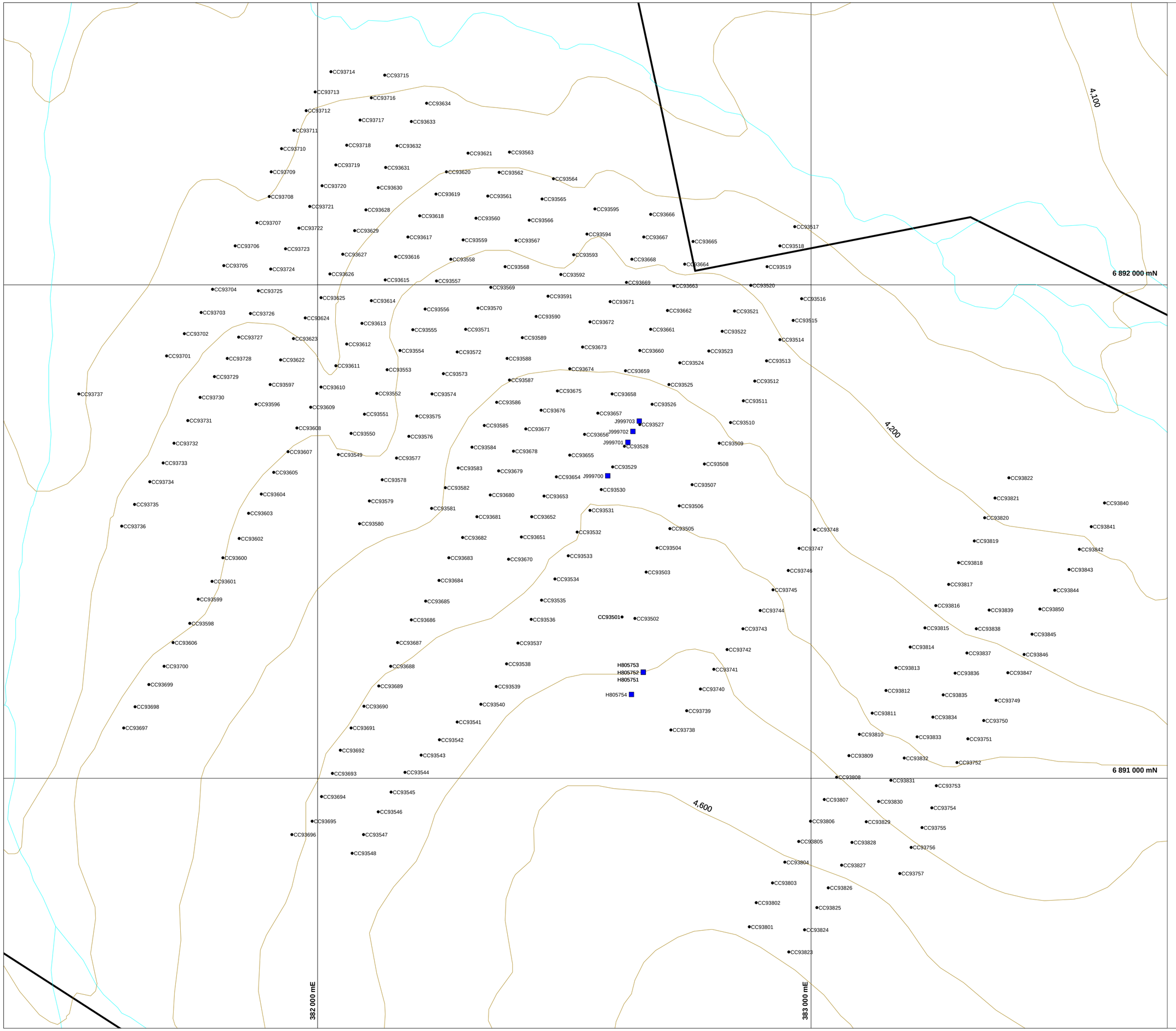
Active placer mines

2010 Rockhaven Gold Geochemistry (ppb)
- ≥100 <856
- ≥50< 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1996 BYG Gold Geochemistry (ppb)
- ≥100 <1,875
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1986 Freegold Gold Geochemistry (ppb)
- ≥100 <6,582
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

ROCKHAVEN RESOURCES LTD.
FIGURE 39
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
GOLD SOIL GEOCHEMISTRY AND GEOPHYSICAL COMPILATION
KLAZA PROPERTY
0 200 400 600 800 1000 m
NAD83 UTM ZONE 8N, 115.02.03
FILE: PROJECTS/2011/KLAZA/GEOPHYS_COMP DATE: MAY 2011



Float sample number	g/t Gold	g/t Silver
H805751	0.165	71.7
H805752	0.109	2.1
H805753	<0.005	1.2
H805754	0.045	2.1
J999700	1.605	129
J999701	0.509	639
J999702	0.099	781
J999703	4.76	419

● Soil sample location with sample number

● Float sample location with sample number

ROCKHAVEN RESOURCES LTD.

FIGURE 40

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ROCKHAVEN 2010 SOIL SAMPLE LOCATIONS

KLAZA PROPERTY

0 50 100 150 200 250 m

NAD83 UTM ZONE 8N, 115I02/03

FILE: ...2011\...\Klaza 2010 soil_locations.wor

DATE: MAY 2011

T.N.

22°32'

Grid north

Magnetic north

6 896 000 mN

6 895 000 mN

6 894 000 mN

6 893 000 mN

6 892 000 mN

6 891 000 mN

6 890 000 mN

6 889 000 mN

6 888 000 mN

6 887 000 mN

6 886 000 mN

Property Boundary

G

B

C

D

E

F

A

383 000 mE

384 000 mE

376 000 mE

377 000 mE

378 000 mE

379 000 mE

381 000 mE

382 000 mE

383 000 mE

384 000 mE

A Soil anomaly refered to in the text

Mineralized structural trend

Infered mineralized structural trend

Active placer mines

2010 Rockhaven Gold Geochemistry (ppb)

- ≥100 < 856
- ≥50< 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1996 BYG Gold Geochemistry (ppb)

- ≥100 < 6,582
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

1986 Freegold Gold Geochemistry (ppb)

- ≥100 < 6,582
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- ≥0 < 5

ROCKHAVEN RESOURCES LTD.

FIGURE 41

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD GEOCHEMISTRY SHOWING SOIL RESULTS FROM 2010, 1996 & 1986

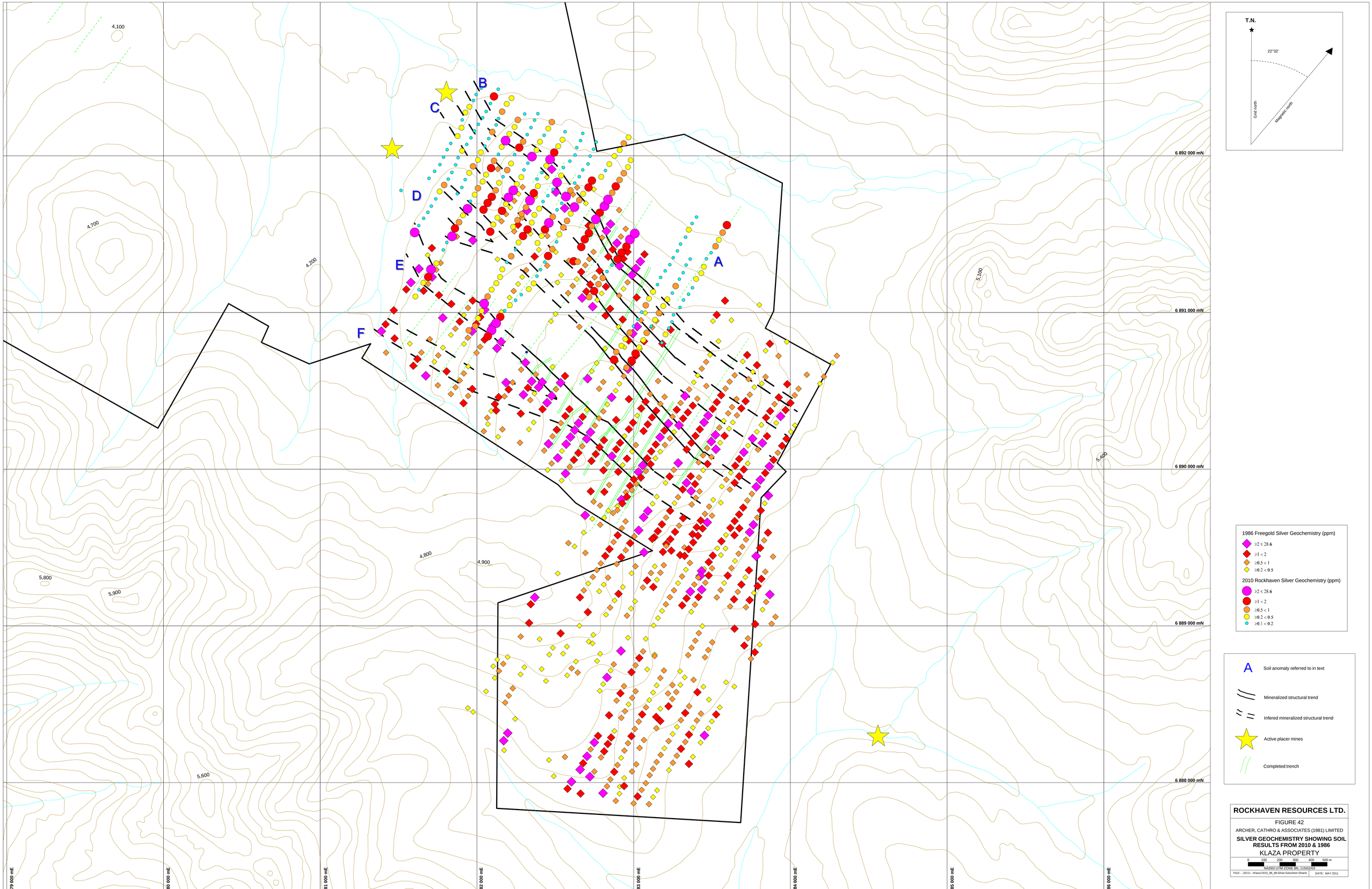
KLAZA PROPERTY

0 100 200 300 400 500 m

NAD83 UTM ZONE 8N, 11SEP2012

FILE: ...2011\...\Klaza 2010_96_86 Gold Geochem-Shane

DATE: MAY 2011



ROCKHAVEN RESOURCES LTD.

FIGURE 42

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

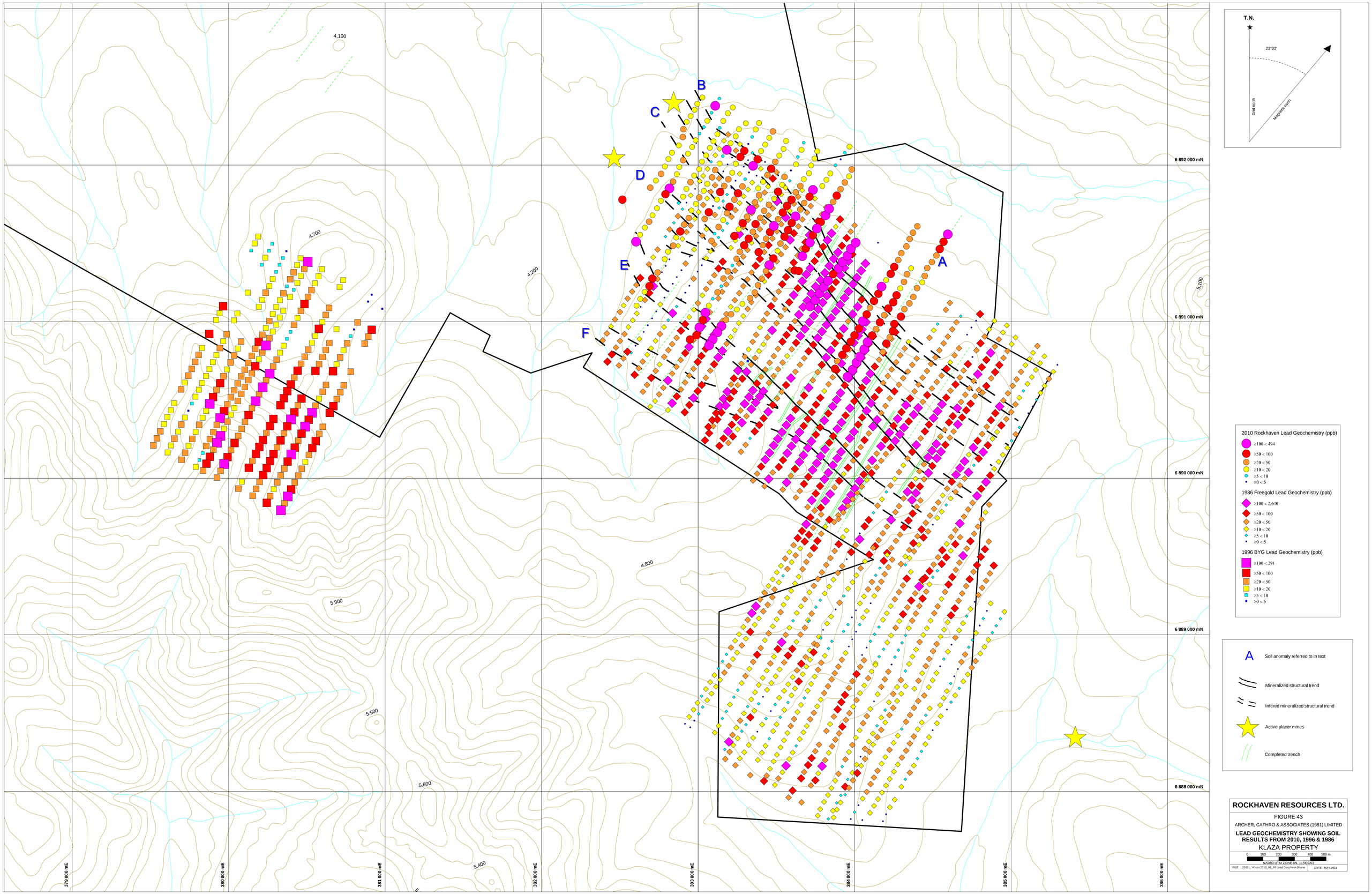
SILVER GEOCHEMISTRY SHOWING SOIL RESULTS FROM 2010 & 1986

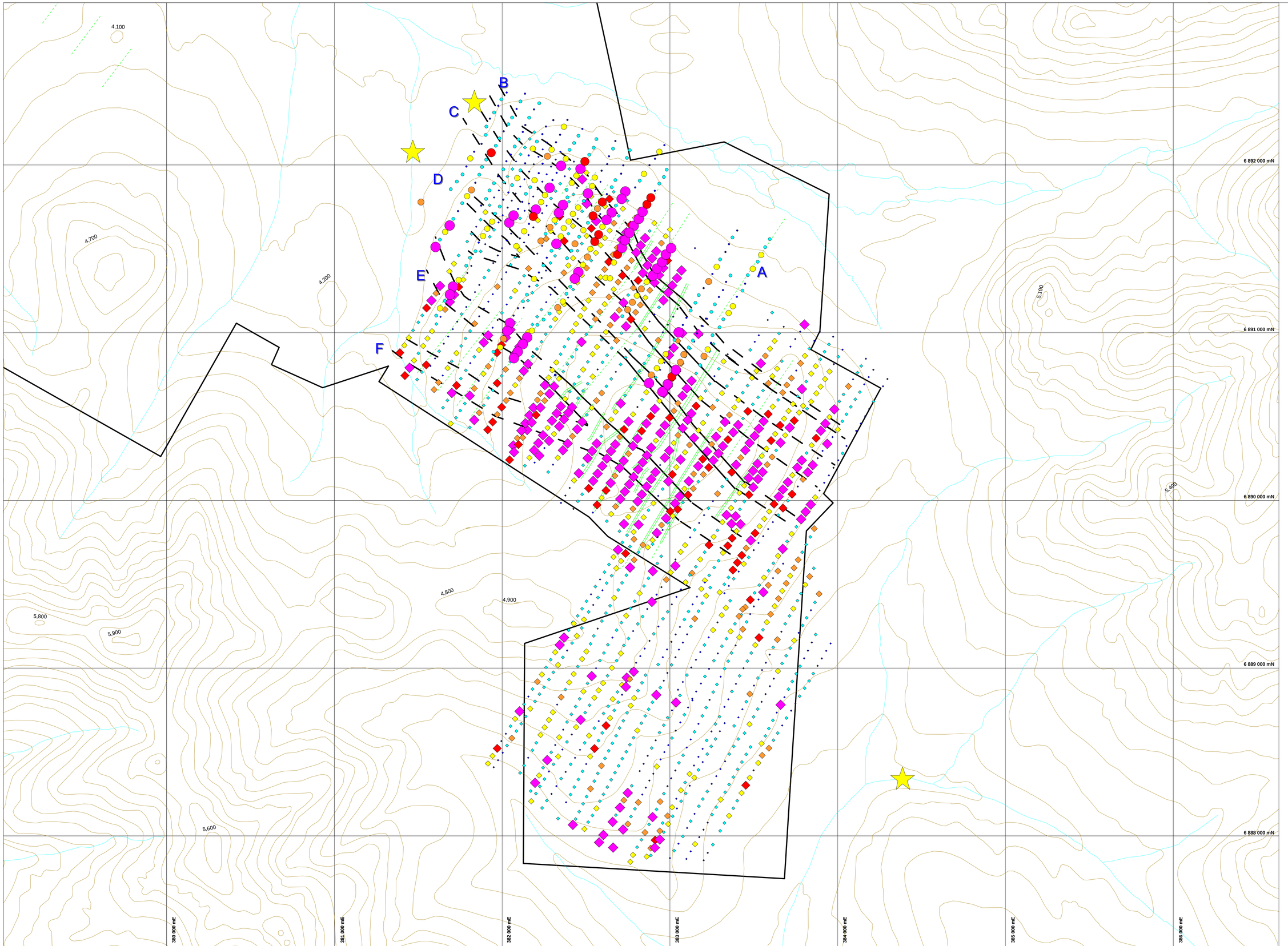
KLAZA PROPERTY

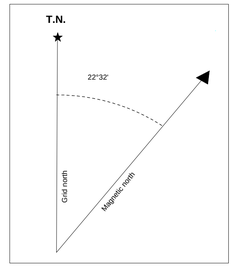
0 100 200 300 400 500 m

NAD83 UTM ZONE 9N, 1:15000

FILE: ...2011\...\Klaza 2010_96_86 Silver Geochem-Shane | DATE: MAY 2011


T.N.
22°32'
Grid north
Magnetic north
4,100
4,700
4,200
5,100
4,800
5,900
5,500
5,600
5,400
A
B
C
D
E
F
6 892 000 mN
6 891 000 mN
6 890 000 mN
6 889 000 mN
6 888 000 mN
379 000 mE
380 000 mE
381 000 mE
382 000 mE
383 000 mE
384 000 mE
385 000 mE
386 000 mE
2010 Rockhaven Lead Geochemistry (ppb)
≥100 < 494
≥50 < 100
≥20 < 50
≥10 < 20
≥5 < 10
≥0 < 5
1986 Freegold Lead Geochemistry (ppb)
≥100 < 2,640
≥50 < 100
≥20 < 50
≥10 < 20
≥5 < 10
≥0 < 5
1996 BYG Lead Geochemistry (ppb)
≥100 < 291
≥50 < 100
≥20 < 50
≥10 < 20
≥5 < 10
≥0 < 5
A
Soil anomaly referred to in text
Mineralized structural trend
Infered mineralized structural trend
Active placer mines
Completed trench
ROCKHAVEN RESOURCES LTD.
FIGURE 43
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LEAD GEOCHEMISTRY SHOWING SOIL RESULTS FROM 2010, 1996 & 1986
KLAZA PROPERTY
0 100 200 300 400 500 m
NAD83 UTM ZONE 9N, 1150/2053
FILE: ...2011\...\Klaza 2010_96_86 Lead Geochem-Shane
DATE: MAY 2011





2010 Rockhaven Arsenic Geochemistry (ppb)

- ≥50 < 349
- ≥40 < 50
- ≥30 < 40
- ≥20 < 30
- ≥10 < 20
- ≥0 < 10

1986 Freegold Arsenic Geochemistry (ppb)

- ≥50 < 1,460
- ≥40 < 50
- ≥30 < 40
- ≥20 < 30
- ≥10 < 20
- ≥0 < 10

A — Soil anomaly referred to in text

Mineralized structural trend

Infered mineralized structural trend

Active placer mines

Completed trench

ROCKHAVEN RESOURCES LTD.

FIGURE 44

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ARSENIC GEOCHEMISTRY SHOWING SOIL RESULTS FROM 2010 & 1986

KLAZA PROPERTY

0 100 200 300 400 500 m

NAD83 UTM ZONE 8N, 11S/02/03

FILE:...2011\...\Klaza 2010_86 Arsenic Geochem-Shane

DATE: MAY 2011