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ASSESSMENT REPORT

describing

EXCAVATOR TRENCHING

at the

VAL PROPERTY

VAL 1-9	YC25903-YC25911
10-11	YE85801-YE85802
12F-15F	YE85803-YE85806

NTS 115I/03

Latitude 62°04'N; Longitude 137°07'W

located in the

Whitehorse Mining District
Yukon Territory

Field work performed between June 18 and July 20 2013

prepared by

Archer, Cathro & Associates (1981) Limited

for

ROCKHAVEN RESOURCES LTD.

By

M. Turner, BSc.

August 2014

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INTRODUCTION

The Val property lies within the Mount Nansen District of the Dawson Range Gold Belt, in southwestern Yukon. It hosts gold, silver, lead, and zinc soil geochemical anomalies and weakly mineralized gougy veins, which are likely associated with a large hydrothermal system that deposited veins and porphyry style mineralization elsewhere in the district. Rockhaven Resources Ltd (Rockhaven) holds an option to earn 100% interest in the property.

This report summarizes work completed at various times between June 18 and July 20 2013. The work program comprised excavator trenching, conducted by Archer, Cathro & Associates (1981) Limited on behalf of Rockhaven.

The author interpreted all data from this project and his Statement of Qualifications is in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The property is located in southwestern Yukon at latitude 62°04'N and longitude 137°07'W on NTS map sheet 115I/03 (Figure 1). It consists of 15 contiguous mineral claims registered with the Whitehorse Mining Recorder. Rockhaven has an option to earn a 100% interest in the claims from Mr. Bill Terice, an arms-length prospector. In 2012, a detailed ground claim survey discovered open fractions not previously identified by the Yukon Mining Recorder. Figure 2 shows recorded claim block locations and actual claim block locations. Claims Val 10, 11, and 12F-15F (inclusive) were staked September 18, 2012 to cover these fractions (Montague, 2013). Claim registration information is listed below.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
VAL 1-9	YC25903-YC25911	February 24, 2022
10-11	YE85801-YE85802	February 24, 2022
12F-15F	YE85803-YE85806	February 24, 2028

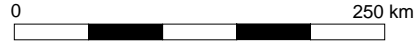
*Expiry dates include 2013 work which has been filed for assessment credit but not yet accepted.

The Val property is located 44 km due west of Carmacks and can be accessed in summer and fall with two wheel drive vehicles, via the Mount Nansen Road. This road is maintained year-round by the Yukon Territorial Government up to the former Mount Nansen mine site and from there it is another two kilometers by dirt road to the property. Carmacks is situated on the Klondike Highway, 185 km north-northwest of Whitehorse, Yukon's capital and main supply centre, and 420 km north-northwest of Skagway, a year-round tidewater port in Alaska.

The 2013 work program was done from Rockhaven's Klaza camp, a seasonal exploration camp located eight kilometers northwest of the property along the Mount Nansen Road. An active placer mine operates along the banks of Back Creek in the southern part of the property.

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FIGURE 1 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED **PROPERTY LOCATION** VAL PROPERTY

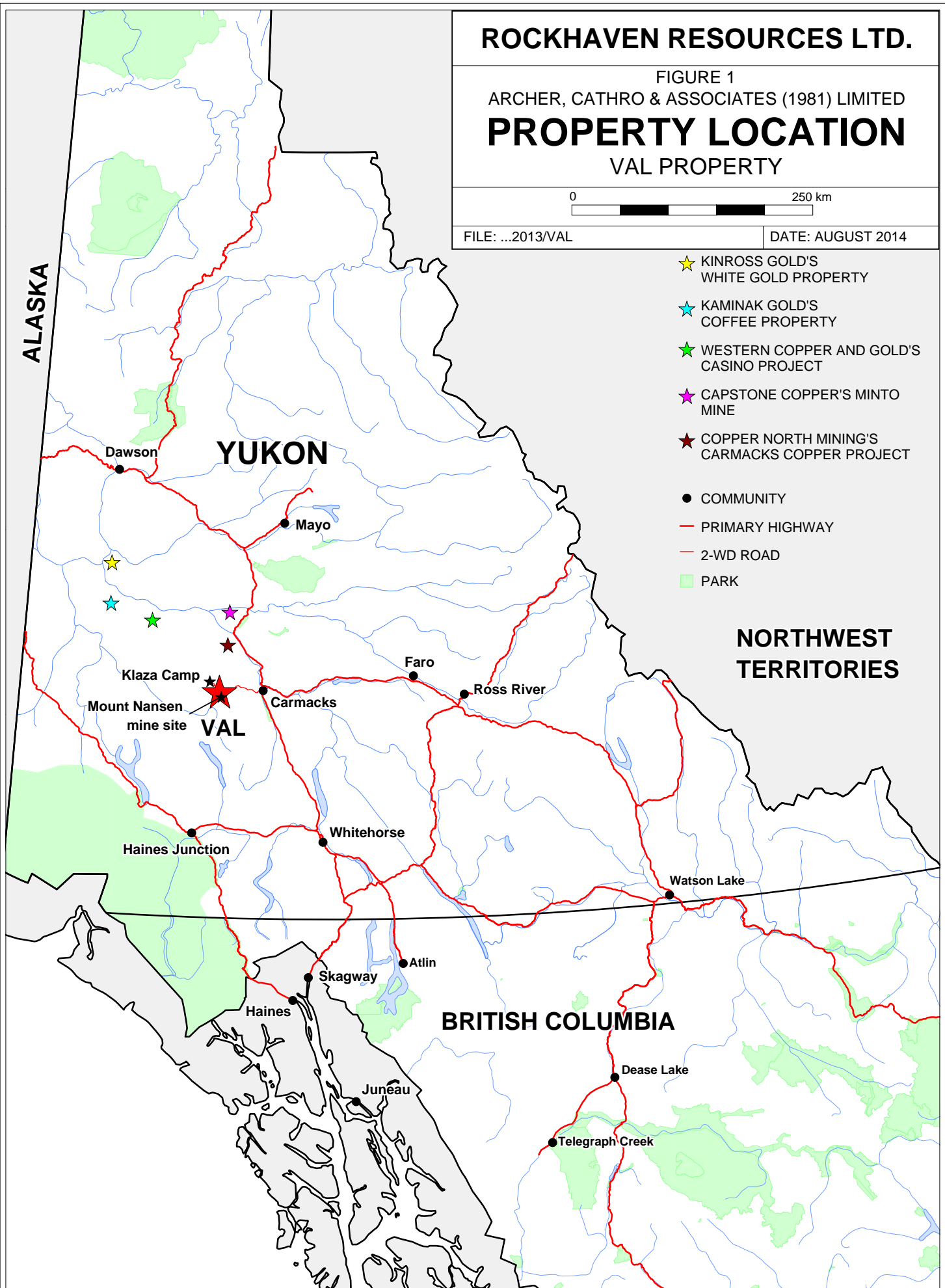


FILE: ...2013/VAL

DATE: AUGUST 2014

- ★ KINROSS GOLD'S WHITE GOLD PROPERTY
- ★ KAMINAK GOLD'S COFFEE PROPERTY
- ★ WESTERN COPPER AND GOLD'S CASINO PROJECT
- ★ CAPSTONE COPPER'S MINTO MINE
- ★ COPPER NORTH MINING'S CARMACKS COPPER PROJECT

- COMMUNITY
- PRIMARY HIGHWAY
- 2-WD ROAD
- PARK

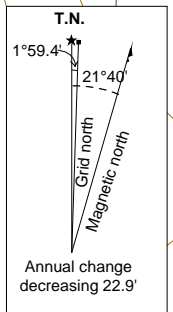


NORTHWEST TERRITORIES

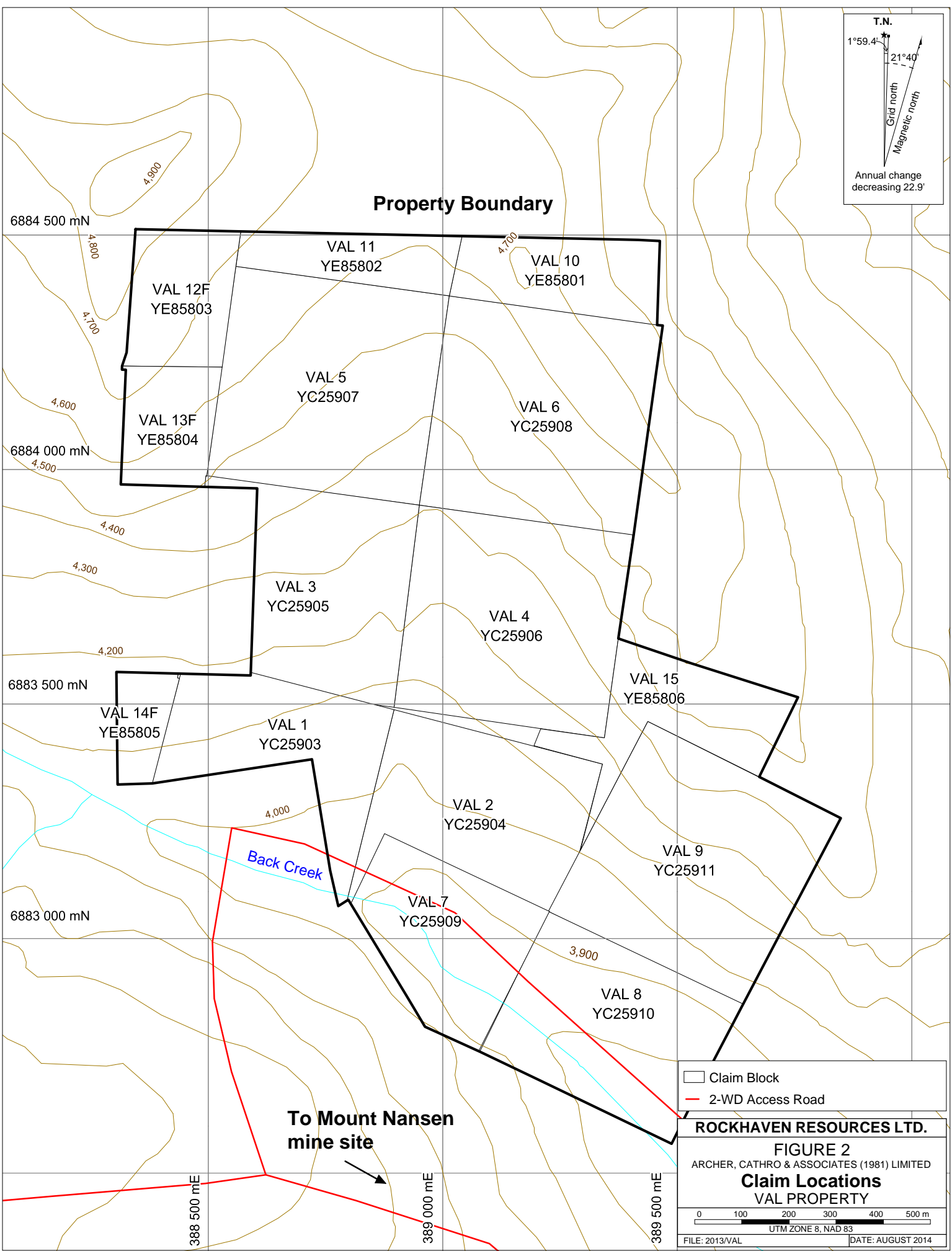
BRITISH COLUMBIA

ALASKA

YUKON



Property Boundary



Claim Block
 2-WD Access Road

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FIGURE 2
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
Claim Locations
VAL PROPERTY

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

FILE: 2013/VAL DATE: AUGUST 2014

HISTORY AND PREVIOUS WORK

Placer gold was first discovered in the district in 1899 on Nansen Creek, and the area was first mapped by the Geological Survey of Canada in 1936. The first recorded lode gold discovery in the district was made by prospectors Brown and McDade in 1943 about two kilometers south of the property on lands that are now managed by Assessment and Abandoned Mines, a department of the Government of Yukon.

In 1943 to 1944, nearby claims were held by Yukon Range Exploration Ltd (Conwest, Frobisher, & Nova-co Exploration Ltd), Nansen Yukon Mines Ltd and Colery Yukon Mines Ltd (YGS Minfile 115I 065). The area of the current property was first staked as the Billy claims by G. Dickson. In 1958, Asbestos Corporation (Exploration) Ltd optioned these claims and performed a program that included mapping, two bulldozer trenches and eight packsack drill holes totalling 122.8 m. The trenching exposed a quartz-feldspar porphyry dyke 500 m southwest of the Val property, while the drill core contained intense kaolinization and sericitization, hosting galena and pyrite (Robinson, 1959).

From 1964 to 1966 Peso Silver Mines Ltd (Peso) acquired Mount Nansen Mines Ltd and explored the Webber and Huestis Veins with 2,107 m of underground development and 2,226 m of diamond drilling. Canadawide Investments Ltd (Swiss financing) acquired control of Mount Nansen Mines Ltd and began production of the Huestis vein in 1968. A total of 976 m of drifting was completed and a 163 t mill was operated from September 1968 to April 1969. Production comprised 85,133 g Au, 2,625 g Ag and 49,207 kg Pb. Peso reopened the mine in 1975, and during 1976 it mined 7,451 t of rock and milled 5,844 t of ore grading about 10.3 g/t Au, 240.1 g/t Ag, 1.0% Pb and 1.0% Zn. In 1979, Peso became Rex Silver Mines Ltd and in 1980 it transferred the property to Schweizerische Gesellschaft. Nansen Mining Corporation (Nansen) acquired the property in 1981. Nansen conducted a feasibility study in 1983, before selling the property in 1984 to BYG Natural Resources Inc. (YGS Minfile 115I 065).

In 1981 and 1985 the area was re-staked as the DD claims and the ONT claims, respectively, for BYG Natural Resources Inc. (BYG). Chevron Minerals Ltd (Chevron) optioned claims covered much of the Mount Nansen District in late 1985 from BYG and from 1986 to 1988 completed exploration programs that comprised mapping, soil geochemistry, geophysical surveys, trenching, and diamond drilling. These programs included a soil geochemical survey that identified a multi-element anomaly (Au, Ag, Zn, Sb, As, Cd, Bi, Cu, Mo, and Ag) trending north-northwest across the current Val property. Chevron dropped its option in late 1988.

BYG mined the Brown-McDade gold-silver deposit from 1996-1999. The mine operated as an open-pit, producing approximately 1,063,107 g Au and 4,025,632 g Ag (Stroshein, 2001). It shut down in the spring of 1999, due to the violation of its water licence, and went into receivership in May 1999. The federal government took over mine-site maintenance in July 1999 and declared the property abandoned in August 1999. The Government of Yukon accepted responsibility of the site in 2003 and later sold off mineral claims surrounding the mine site.

Mr. Trerice staked the Val claims in 2003 in conjunction with his placer activities along Back Creek. 38857 Yukon Inc. currently owns the placer claims on Back Creek.

Rockhaven signed an option agreement with Mr. Trerice on September 21, 2011, acquiring the right to earn a 100% interest in the Val property.

In 2012, Rockhaven collected 392 soil samples and identified three clusters of anomalous gold and silver results. Bedrock exposures from placer gold operations within Back Creek identified a number of vein hosting fault zones that were sampled by Rockhaven. The best result returned 0.113g/t gold and 1.66 g/t silver over 3.00 m.

In 2013, Rockhaven completed 330 m of excavator trenching in two trenches. These trenches targeted the potential bedrock host of the strongest soil geochemical anomalies identified during the 2012 program. Results from this exploration are discussed in subsequent sections.

GEOMORPHOLOGY

The property is located on a south-facing, moderately sloped hill that drains into Back Creek, which is part of the Yukon River watershed. The area escaped Pleistocene continental glaciation but experienced some local Pleistocene to Holocene valley and alpine glaciation. Elevations on the property range from 1150 to 1430 m, with outcrops restricted to topographic highs. Overburden consists of a few centimetres of organics, 0-5 cm of volcanic ash and up to 200 cm of loess overlying immature soil mixed with rock fragments that are derived from deeply weathered bedrock. The Back Creek valley bottom is blanketed by thick glaciofluvial outwash and till. Most overburden on the property contains permafrost that thaws 1-2 m below surface in the summer months (Eaton and Archer, 1989).

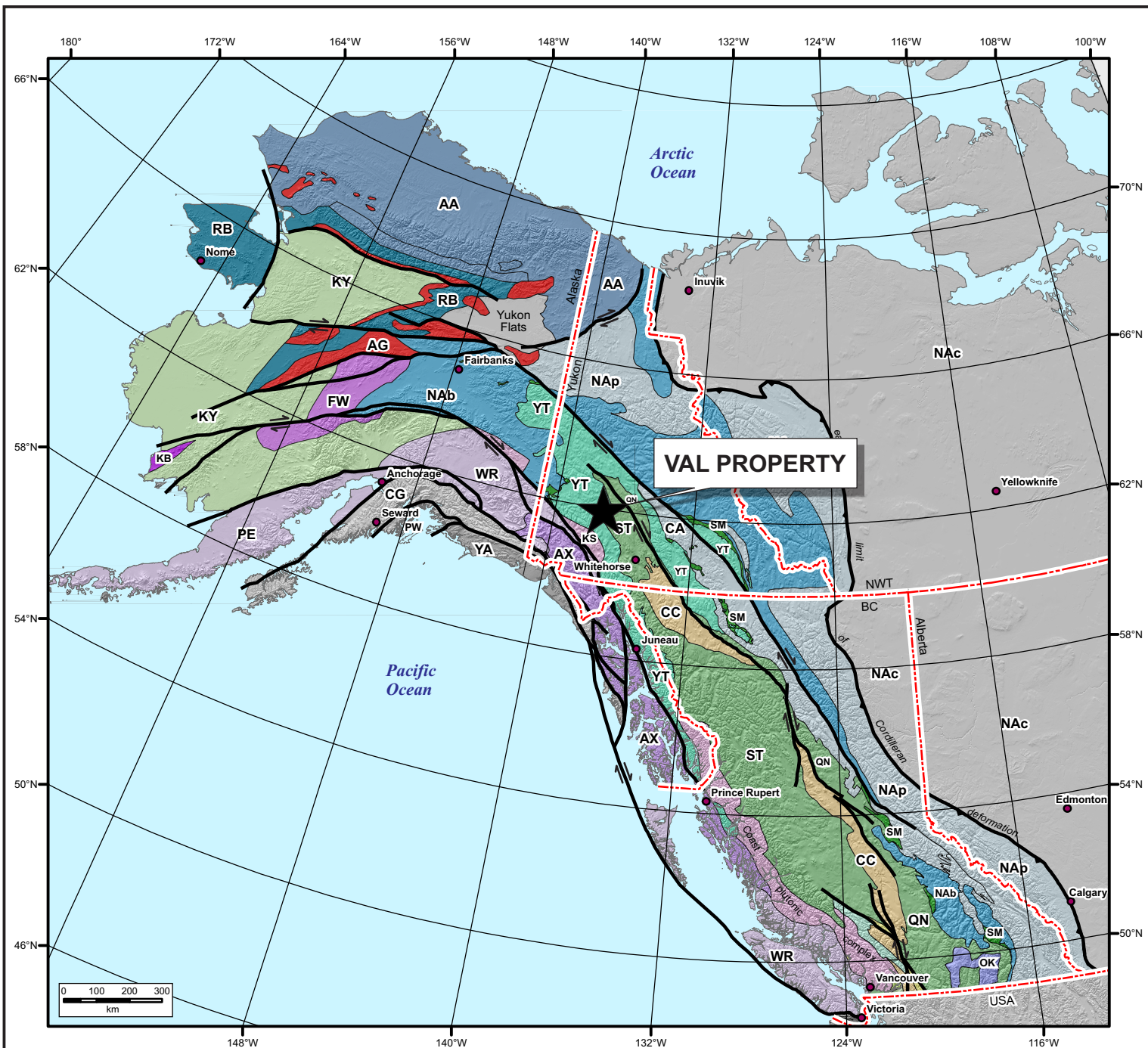
The tree line is at 1200 m on north facing slopes and 1400 m on south facing slopes. Typical vegetation consists of willow, alder and black spruce at lower elevations, giving way to dwarf birch, alder and stunted spruce at higher elevations.

The area has a continental climate with low levels of precipitation and a wide temperature range. Summers are generally mild with extended daylight hours, whereas winters are long and cold. The property is generally snow-free from late May to early October.

REGIONAL GEOLOGY

The Mount Nansen District was visited by J.B. Tyrrell and D.D. Cairnes for the Geological Survey of Canada in 1898 and 1914, respectively, and has been mapped by H.S. Bostock (1936), D.J. Tempelman-Kluit (1974 and 1984) and G.G. Carlson (1987). The regional geologic maps were revised in a compilation by Gordey and Makepeace (2000) and are periodically updated by Yukon Geologic Survey (YGS). The following discussion is based on current YGS maps (YGS, 2013).

The Val property is located within the Yukon-Tanana Terrane (YTT) approximately 100 km southwest of the Tintina Fault (Figure 3). YTT comprises a variety of Late Devonian to Early Mississippian metavolcanic and metasedimentary rocks, and represents both arc and back-arc environments (Colpron et al., 2006; Piercey et al., 2006). The Tintina Fault is a transcurrent structure that experienced about 450 km of dextral strike-slip movement since the Late



- | | | |
|-----------|---------------------------|------------------------|
| YA | Yakutat | Outboard |
| PW | Prince William | |
| CG | Chugach | |
| PR | Pacific Rim | |
| CR | Crescent | |
| KY | Koyukuk, Nyak, Togiak | Insular |
| PE | Peninsular | |
| AX | Alexander | |
| WR | Wrangellia | |
| KS | Kluane, Windy, Coast | |
| AG | Angayucham/Tozitna/Innoko | Northern Alaska |
| AA | Arctic-Alaska, Hammond | |
| RB | Coldfoot, Ruby, Seward | |
| FW | Farewell | |
| KB | Kilbuck | |

- | | | |
|-----------|----------------|---------------------|
| MT | Methow | Intermontane |
| CD | Cadwallader | |
| BR | Bridge River | |
| CC | Cache Creek | |
| HA | Harrison | |
| CK | Chilliwack | |
| ST | Stikinia | |
| QN | Quesnellia | |
| OK | Okanagan | |
| YT | Yukon-Tanana | |
| SM | Slide Mountain | |

- | | |
|--------------------------------|--------------------------------|
| Ancestral North America | |
| CA | Cassiar |
| NAb | North America - basinal |
| NAp | North America - platform |
| NAc | North America - craton & cover |

Taken from Colpron, M. and Nelson, J.L., 2011

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FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING



VAL PROPERTY

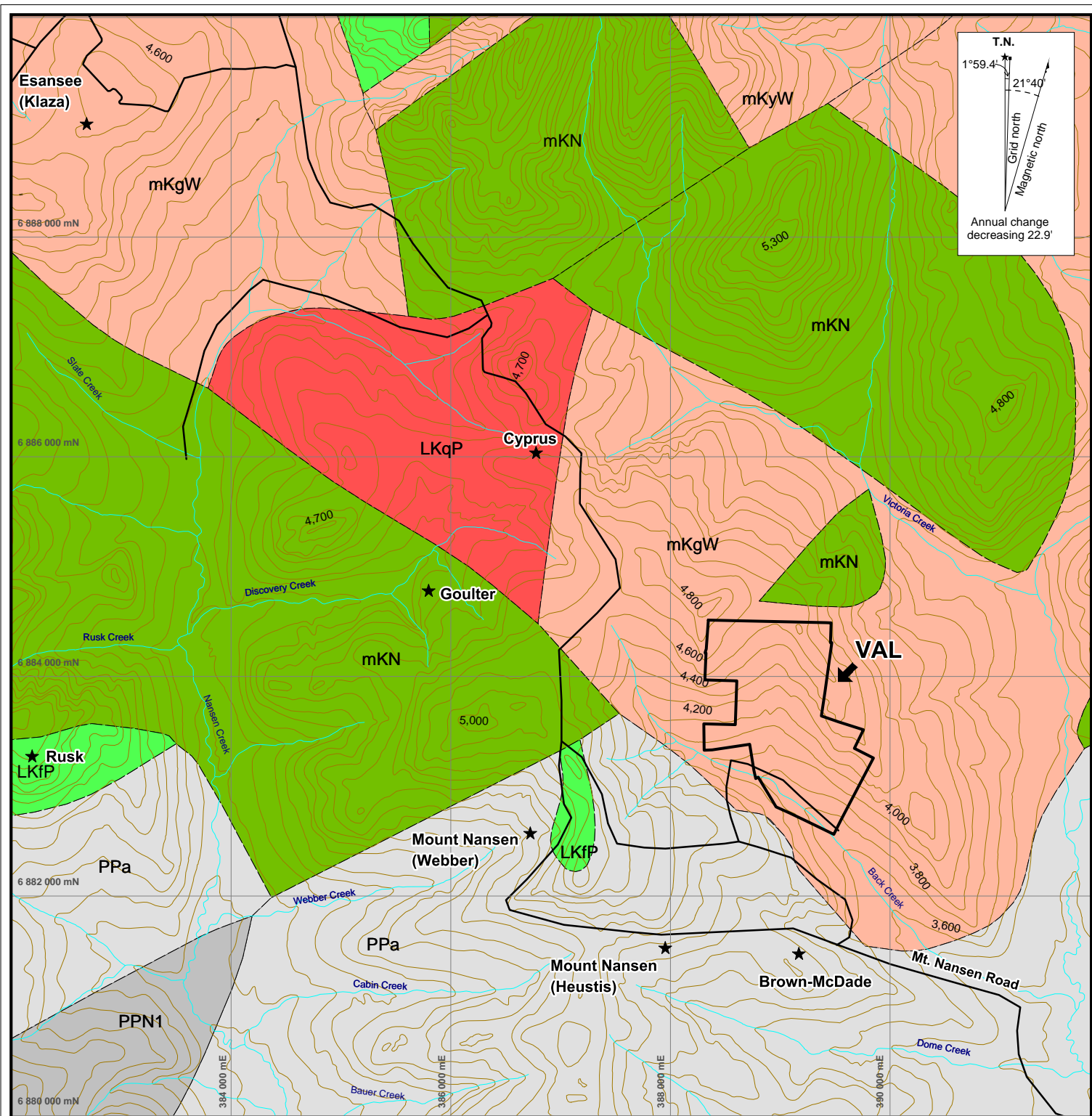
FILE: P:/2013/VAL/F3-TectonicSetting.cdr DATE: AUGUST 2014

Cretaceous. This movement offset an outlier of YTT in the Finlayson Lake District of southeastern Yukon from the main body of YTT, which lies southwest of the fault.

Regional stratigraphy in the area of the Val property is summarized in Table I. The basement rocks near the property are mainly schists and gneisses, which include meta-plutonic gneisses (Pelly Gneiss), metasedimentary and lesser metavolcanic rocks (Nisling) and metamorphosed mafic and ultramafic rocks (Amphibolite). Basement rocks were deformed, metamorphosed and intruded by foliated plutonic rocks (Long Lake Suite) in the Jurassic. The youngest rocks in the area are unfoliated and represent four plutonic/volcanic events that occurred between the Lower Cretaceous and Tertiary (Whitehorse Suite, Mount Nansen, Prospector Mountain Suite and Carmacks). Geology in the vicinity of the Val property is shown on Figure 4.

Table I – Regional Lithologies

UPPER CRETACEOUS	
 uKC	<p>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):</p> <ol style="list-style-type: none"> 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	<p>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):</p> <ol style="list-style-type: none"> q. quartz monzonite, biotite quartz rich granite; porphyritic alaskite and



- LKfP Prospector Mountain suite, volcanic
- LKqP Prospector Mountain suite, porphyry
- mKN Mount Nansen, volcanic
- mKgW Whitehorse suite, granodiorite/quartz diorite
- mKyW Whitehorse suite, syenite/granite/granodiorite
- PPa Amphibolite
- PPN1 Nisling, schist
- ★ Minfile Occurrence

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FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

VAL PROPERTY



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**

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 assemblage.**)

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 Nasina assemblage**)

PROPERTY GEOLOGY

The property is mostly underlain by a biotite-hornblende granodiorite stock, which is assigned to the Mid-Cretaceous, Whitehorse Suite. The granodiorite contains up to 30% hornblende and biotite, is coarse grained and is non-foliated. Exposures of the granodiorite are restricted to 2013 excavator trenches and placer excavations in the banks of Back Creek. The granodiorite is locally capped by the Mount Nansen Suite, volcanic rocks that are exposed on topographic highs. Quartz feldspar porphyry dykes are also present on the property and are thought to be associated with Late-Cretaceous Prospector Mountain Suite magmatism. These dykes intrude both the granodiorite and volcanic rocks and are frequently associated with mineralized veins that were emplaced along their respective selvages.

MINERALIZATION

The Val property lies within the Mount Nansen District, a northwest trending structural corridor that hosts more than 30 known mineral occurrences. Mineralization within the district exhibits zonation outward from a weakly mineralized porphyry copper zone (Cyprus on Figure 4) to flanking mesothermal and epithermal veins (Brown-McDade, Mount Nansen – Huestis and Webber, Rusk and Esensee – Klaza on Figure 4). The hydrothermal system associated with the mineralization is centered around potassic alteration cores related to a porphyry complex, belonging to the Prospector Mountain Suite (Hart and Langdon, 1997).

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

Mineralization discovered on the property in 2013 consists of fault-controlled, gold and silver bearing veins and breccias hosted within one structural zone. This zone ranges from 10 to 20 m wide and are intimately associated with feldspar porphyry dykes. The mineralization occurs within sheeted veins and veinlets. The host granodiorite exhibits pervasive weak argillic

alteration within the zones and up to 30 m around them. Sericitization of the host granodiorite are found directly adjacent to hydrothermal channel ways.

Sulphide minerals consist of arsenopyrite, pyrite, galena and sphalerite and occur as disseminations and stringers within a quartz and carbonate gangue. The dominant gangue mineral is quartz and exhibits a variety of textures including chalcedonic, banded and vuggy.

TRENCHING

In June and July 2013, a Hitachi 200 excavator, contracted from of 15317 Yukon Ltd of Whitehorse, dug two trenches spaced 300 m apart along a south facing, moderately sloped hillside on the north side of Back Creek. Although most of the trenching encountered frozen overburden, bedrock was exposed along the entire lengths of both trenches.

Trench locations (Figure 5) were selected to best test the gold-in-soil anomalies identified in 2013. The upper trench, TR-13-02, was most successful at exposing three mineralized veins emplaced along or near the footwall contact of a quartz-feldspar porphyry dyke and granodiorite. The second trench, TR-13-01, 300 m downslope, also exposed the on-strike continuation of these veins, but were less developed and weakly mineralized. In this trench, a vein exposed near the hanging wall contact returned the strongest gold values sampled to date on the property. The veins strike between 135 to 155° and dip steeply to the east. Trench maps showing geology and sample locations are shown in Appendix II.

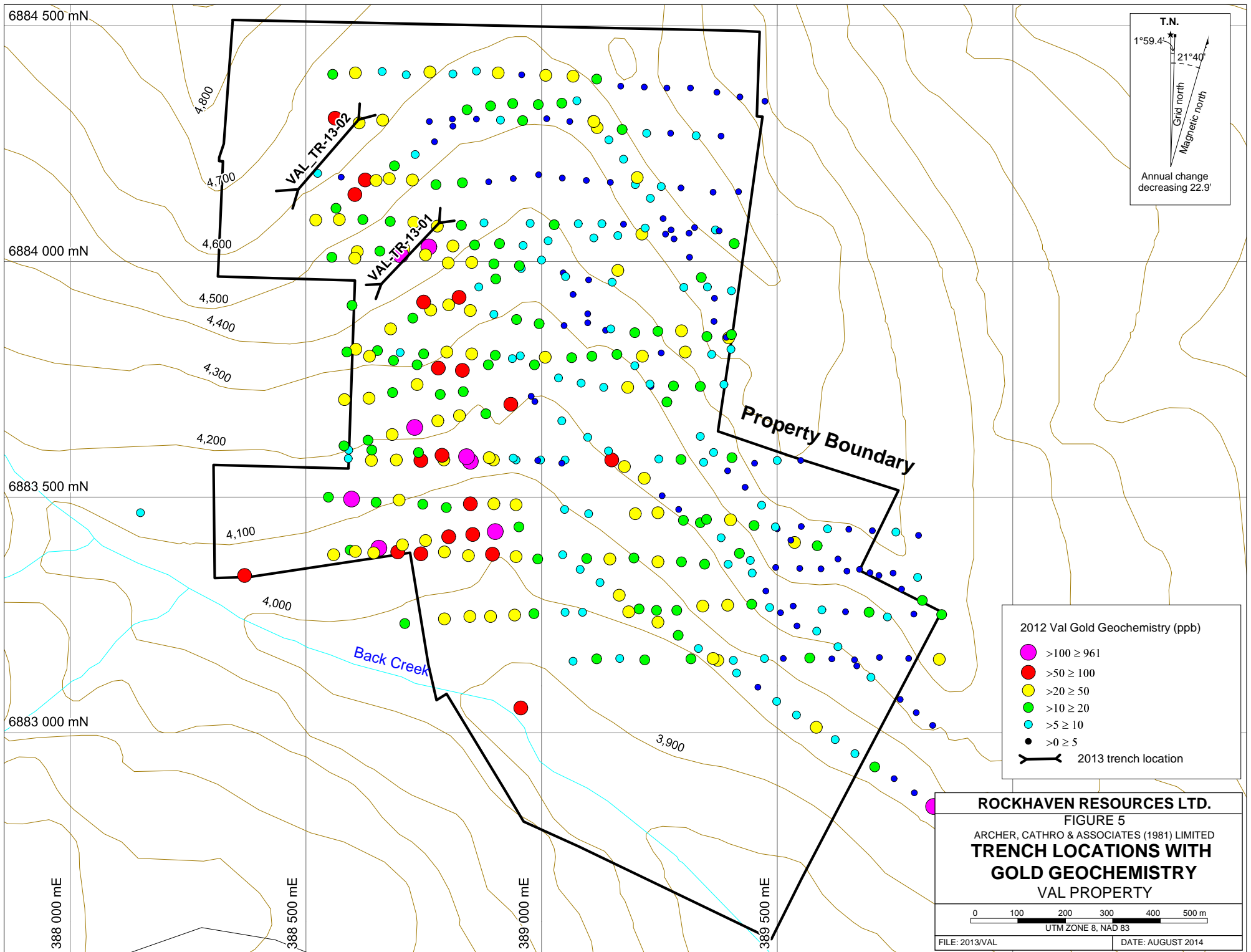
A total of 82 weathered chip and grab samples were collected. Sampling and Analytical Procedures for rock samples are described in Appendix III while Certificate of Analysis is in Appendix IV. The best results are listed in Table II.

Table II – Significant Trench Results

Trench	From (m)	To (m)	Length (m)	Gold (g/t)	Silver (g/t)
TR-13-01	24.00	25.00	1.00	0.702	21.1
TR-13-01	50.50	51.00	0.50	0.985	8.49
TR-13-01	67.60	68.70	1.10	1.135	107
TR-13-01	73.90	74.50	0.60	0.843	15.9
TR-13-01	131.50	132.50	1.00	3.09	5.93
TR-13-02	69.95	70.95	1.00	1.755	147
TR-13-02	74.35	76.95	2.40	0.912	105
TR-13-02	80.25	81.55	1.30	1.91	131

DISCUSSION AND CONCLUSIONS

The Val property is situated in an active placer gold mining camp and historical hard rock gold and silver mining district that lies within the southern, road accessible portion of the Dawson Range Gold Belt. The property lies eight kilometers southeast of the Klaza property, a rapidly expanding gold-silver vein discovery and two kilometers north of the former Brown-McDade mine site. Other important areas within the Dawson Range Gold Belt include the prolific placer



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

2012 Val Gold Geochemistry (ppb)

- >100 ≥ 961
- >50 ≥ 100
- >20 ≥ 50
- >10 ≥ 20
- >5 ≥ 10
- >0 ≥ 5

— 2013 trench location

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 FIGURE 5
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
**TRENCH LOCATIONS WITH
 GOLD GEOCHEMISTRY**
 VAL PROPERTY

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

FILE: 2013/VAL DATE: AUGUST 2014

mines of the Klondike Goldfields, the Casino porphyry copper-gold-molybdenum deposit and the recently discovered Coffee and Whitegold orogenic gold deposits. An active placer mine on the property suggests a proximal source of gold.

Numerous strong to very strong multi-element soil anomalies were outlined on the Val property by Rockhaven in 2012. The 2013 excavator trenching program at the Val property was successful at identifying mineralized veins below these areas hosting soil geochemical anomalies.

At the Klaza property, nine known gold-silver rich zones are correlated with first vertical derivative magnetic lows that were interpreted from helicopter-borne surveys. The magnetic lows are likely caused by destruction of magnetite within the host granodiorite by hydrothermal fluids flowing through fractures.

The next stage of exploration should include a helicopter-borne magnetic survey across the property, followed by additional trenching program and, if warranted, diamond drilling.

Respectfully submitted,

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Matt Turner, BSc

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

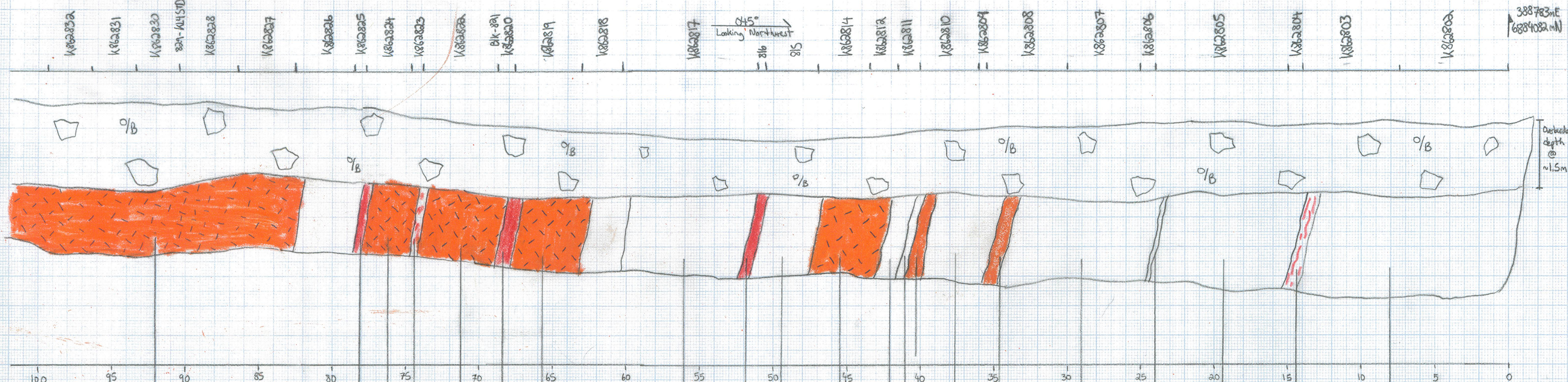
I, Matthew Turner, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

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

APPENDIX II
2013 TRENCH MAPS



Very strongly sheared, orange, limonite altered qtz-feldspar porphyry dyke. Very frozen but still possible to observe local limonite altered stringers w/ py pits (py is locally preserved within centre core of wisheared vein fragments).

Narrow, broken shear zone hosting a 10cm wide clay gouge vein in centre.

Orange-grey med. limonite altered, fine-grained qtz-feldspar porphyry dyke bear manganese staining throughout.

Narrow shear zone within dyke hosting strong qtz flooding w/ numerous pyrite pits. Very rusty zone oriented @ 133/78°

Dark green, med-coarse grained quartz-feldspar porphyry dyke hosting qtz pyrite objects up to 1cm wide. well jointed @ 176/80W, 128/57S, 227/52W

Variably clay altered hosting narrow (<20cm) shear zones hosting clay gouge joint sets @ 200/63, 285/18, 250/75, 100/80

Limonite altered clay gouge/crushed qtz vein

Highly altered granodiorite

Strongly silicified grey dyke, highly sheared and fractured strongly limonite altered

Green-grey, med. grained qtz-feldspar porphyry dyke. Joints @ 308/75, 018/82, 245/81

VEIN ZONE
1.05m zone hosting narrow, sulphide pitted qtz veins hosted within qtz-feldspar porphyry dyke. Zone trending @ 155/78S. UTM @ 388740mE/6884033mN

Grey, argillic altered granodiorite

Highly sheared limonite altered granodiorite hosting irregularly oriented orange clay gouge

Well jointed grey siliceous dyke @ 146/70

Strongly argillic altered granodiorite hosting manganese stained fractures @ 097/75°S. pervasive manganese locally and coarse grained biotite

limonite altered granodiorite with very minor qtz veining

Pervasive argillic alteration, limonite stained granodiorite hosting narrow zones of clay gouge. Very sandy locally.

Oxidized zones @ 165°vert

Narrow (~30cm) wide felsic dyke breccia with veinlets of limonite & manganese stained qtz. numerous nuggets

Grey medium grained granodiorite, locally sheared to sandy texture. Strongly argillic and limonite altered. Manganese stained fractures throughout.

Grey siliceous felsic dyke well jointed. rare limonite pits in sample K862809

Argillic altered granodiorite with narrow (1cm) orange bands consisting of clay gouge

Trench Geology

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

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VAL-TR-13-01 (1 of 2)
VAL PROPERTY

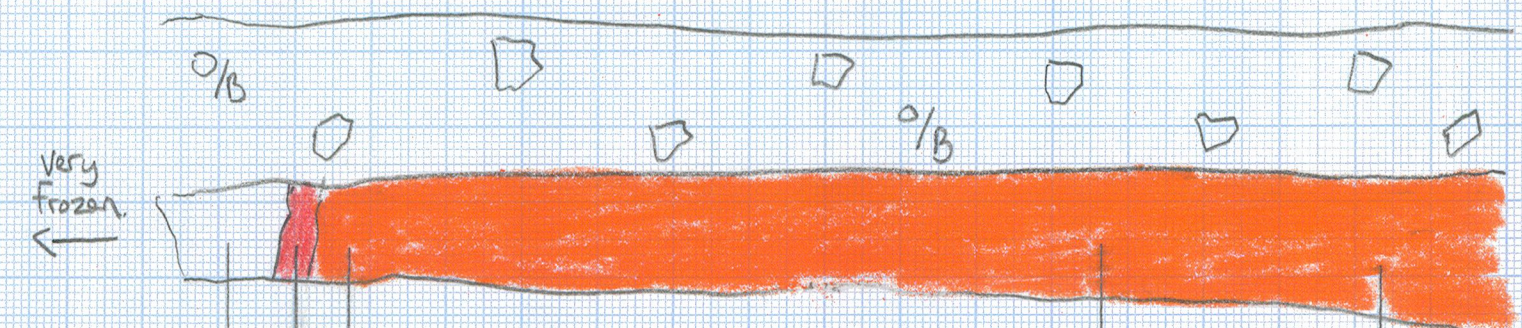
0 2 4 6 8 10m

M. TURNER JUNE 5/14 2013

KTM @
388691mE
6883982mN

045°
Looking Northwest

K862843
842-5104
K862844
K862810
K862839
K862838
K862837
K862836
K862835
K862834
K862833



135 130 125 120 115 110 105 100

Rubby broken qtz-
feldspar porphyry
dyke @ hanging wall
contact w/ granodiorite

1m chip of vuggy,
rusty qtz stringers
within phyllic alter^{ed}
rubby granodiorite

Weakly limonite
altered granodiorite
Very minor qtz-reining
w/ sulphide pits locally

Rubby green medium
grained, qtz-feldspar
porphyry dyke

Very minor and narrow
yellow-grey gouge @
start of sample.

Very broken, rubby green
brown feldspar porphyry
Large, less altered blocks
near end of sample.

Joints @ 135/80 S
239/85 N

Make Drill Pad!

VAL-TR-13-02 VAL PROPERTY

Start @
388612 mE
6884201 mN
Start

058°
Looking NW

K862880 K862879 K862878 K862877 - 876-814 K862875 K862874 K862873 K862872 - K862871 - 616 K862870 K862869 K862868 K862867 K862866 K862865 K862864 K862863 - STD 144 K862862 K862861 K862860 K862859 K862858 K862857 K862856 K862855 K862854 K862853 K862852 K862851

Contact @
388561 mE
6884277 mN



limonite altered (pervasive), dark brown, medium grained dyke

1 cm wide white crushed quartz vein hosted within clay gouge, crushed volcanics and phyllic altered granodiorite. Orientation of zone @ 136/82 SW

Green-grey, medium grained propylitic altered Granodiorite. Fracture sets @ 070/80S, 130/85 SW, 265/70 N

Orange, medium grained, moderately fractured Granodiorite hosting pervasive limonite altⁿ and minor yellow gouge zones

Grey-orange, strongly sheared Granodiorite hosting very minor qtz veins w/ limonite pits. Shear zones trending ~ 160/75°

Orange, sandy, very highly sheared Granodiorite hosting pervasive argillic & limonite altⁿ

Grey-green, medium grained granodiorite hosting weak propylitic alteration

Grey, medium grained Granodiorite, propylitic altⁿ

Grey-orange, medium grained granodiorite hosting varying degrees of argillic alteration

18 cm wide yellow-orange clay gouge vein/shear zone

Grey, medium grained Feldspar porphyry dyke. Very well jointed, with strong Manganese & limonite coating. Fracts @ 098/78S, 155/90. Locally strongly sheared w/ gouge.

0.6 m wide clay gouge vein hosting 0.2m white-grey, strongly fractured quartz vein with limonite pits locally. Minor vertical banding seen within quartz. Vein oriented @ 157/78 W

Grey, medium grained Feldspar porphyry dyke hosting narrow (1-5cm wide) quartz and gouge veins oriented @ 162/72 W. Joints in dyke @ 279/68, 048/66, 322/80

White milky qtz vein hosting very local diss. pyrite & arsenopyrite. Vein trending @ 148/80 SW.

Yellow gouge band. No remnant sulphide

Trench Geology

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

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VAL-TR-13-02 (1 of 2)
VAL PROPERTY

0 2 4 6 8 10m
1:300
M. TURNER JUNE 2013

055°
Looking NW.

K862886

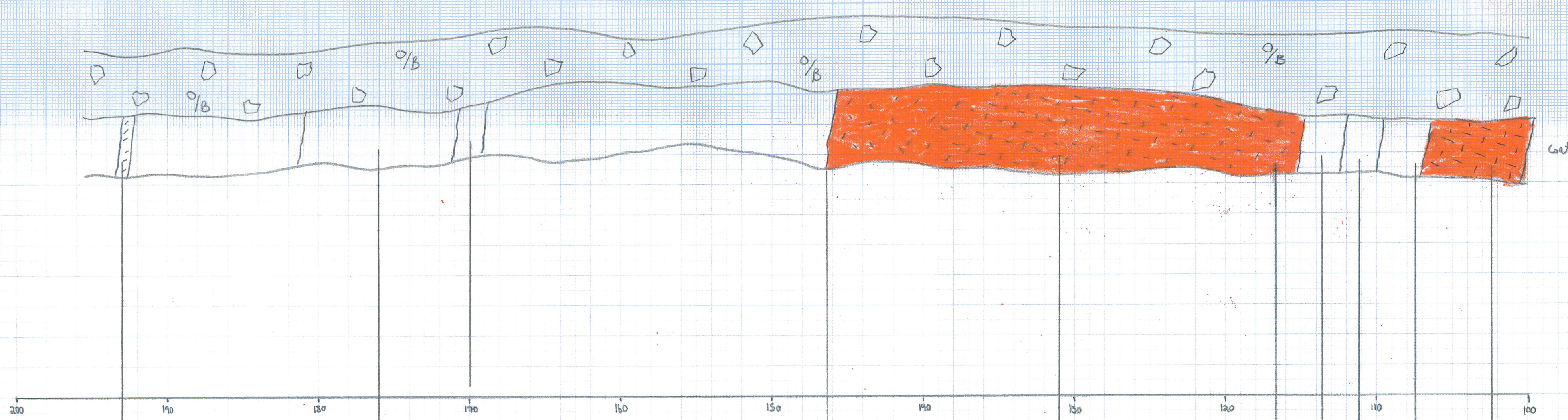
K862885

K862884

K862883

K862882

K862881



Strongly limonite altered
Shear zone
trending 140/80

Qtz - calcite vein
@ 129/81

White - green -
Grey, medium-grained
argillic altered
granodiorite.

Contact between qtz-feldspar
porphyry dyke & granodiorite.

Grey-blue, medium grained
quartz-feldspar porphyry
dyke.

Brown, medium grained
qtz-feldspar porphyry
dyke.

Very blocky w/ joints/
fractures @ 278/82
184/69
026/90

Rubby, limonite altered
orange-red shear zone
hosting highly argillic
altered granodiorite

Oriented @ 278/82°

Propylitic altered
granodiorite

Very rubby, limonite and argillic altered
shear zone trending 126/74

Zone hosts numerous narrow (cm) clay
bands. Very minor pitted qtz
stringers @ contact granodiorite &
qtz-feldspar porphyry dyke

Very well jointed
qtz-feldspar
porphyry dyke
@ 266/88 266/64
052/90 160/74

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 VAL-TR-13-02 (A.F.2)
 VAL PROPERTY

0 2 4 6 8 10m
 1:200
 M. TURNER JULY 2003

APPENDIX III
SAMPLING AND ANALYTICAL PROCEDURES

SAMPLING METHODS AND APPROACH

This section describes the sampling methods followed during the 2013 exploration programs supervised by Archer, Cathro & Associates (1981) Limited. There is not sufficient information to comment on the 1985-1986 exploration program conducted by BYG or any of the earlier work programs.

Channel samples were collected from an excavator trench in one part of the property. Bedrock exposed in trench and sampled on a continuous basis. A total of 79 channel samples and 3 grab or pile samples were collected in 2013. 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.

SAMPLE PREPARATION AND ANALYSIS

Analytical work was done by ALS Minerals with sample preparation in Whitehorse and assays and geochemical analyses in North Vancouver.

Trench samples were dried, pulverized (split of up to 250 g to better than 85 % passing minus 75 microns) and analyzed for gold by fire assay followed by atomic absorption (Au-AA24) and 48 other elements by HF-HNO₃-HClO₄ acid digestion, HCl leach followed by inductively coupled plasma-atomic emission spectrometry ICP-AES and ICP-MS analysis (ME-MS61). Over-limit values silver and zinc were determined by inductively coupled plasma / atomic emission spectroscopy Ag-OG62, and Zn-OG62.

QAQC

Blanks are composed of limestone. The material is stored in an area away from all possible contamination with mineralized rock, core or metallic particulate. Blanks were prepared in a clean, dry work area, away from any source of contamination.

Klaza 4 Standard's composition is listed below.

Klaza 4 Standard

Element	Certified Mean	Two Standard Deviations (Between Lab)
Gold	0.355 g/t	0.040g/t
Silver	4.6 g/t	0.7 g/t
Lead	0.049 %	0.002 %
Zinc	0.087 %	0.008 %

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.**
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Page: 1
 Finalized Date: 19- JUL- 2013
 Account: ROCKHA

CERTIFICATE WH13121815

Project: VAL- 2
 P.O. No.: Batch 2
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5- JUL- 2013.
 The following have access to data associated with this certificate:

HEATHER BURRELL JARED TARSWELL	MATT DUMALA MATT TURNER	JOAN MARIACHER
-----------------------------------	----------------------------	----------------

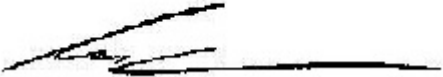
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70%<2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	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.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A - D)
 Plus Appendix Pages
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Project: VAL- 2

CERTIFICATE OF ANALYSIS WH13121815

Sample Description	Method	WEI- 21	Au- AA24	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K862851		5.07	0.021	0.60	8.01	95.8	1370	1.65	1.19	0.46	3.58	48.3	10.4	14	13.90	17.5
K862852		2.62	0.022	0.55	7.81	43.6	1190	1.54	1.17	1.45	2.72	54.8	10.8	14	11.75	21.3
K862853		5.30	0.039	1.09	8.04	83.6	1050	1.65	1.73	0.55	6.00	53.1	11.1	17	14.35	25.9
K862854		4.77	0.035	2.28	8.21	78.8	1040	1.80	2.27	0.52	15.40	53.4	10.9	13	16.25	29.0
K862855		4.32	0.015	1.02	8.52	64.7	1210	1.81	0.63	0.25	11.25	52.4	11.9	14	24.0	17.7
K862856		2.82	0.009	0.85	8.38	143.0	1410	1.82	0.90	0.48	11.00	60.0	16.4	13	15.00	28.2
K862857		4.23	0.041	1.78	7.99	195.0	1070	1.77	2.21	0.23	11.55	52.4	15.0	17	14.80	60.8
K862858		3.47	0.057	0.53	8.26	70.8	1310	1.66	1.65	1.30	3.70	56.6	13.5	20	9.47	21.7
K862859		4.27	0.032	1.07	7.93	231	1010	1.49	2.42	0.43	3.89	51.6	10.8	15	11.75	31.9
K862860		3.69	0.017	0.65	8.12	91.2	1080	1.57	1.73	0.73	7.44	56.1	13.1	18	12.50	19.5
K862861		4.75	0.064	2.03	7.01	372	1220	2.03	3.65	0.28	16.90	47.8	24.2	15	18.05	41.4
K862862		2.72	0.037	1.06	8.02	76.9	1040	1.48	3.53	1.28	5.66	53.4	14.8	17	9.83	33.6
K862863		0.26	0.339	4.64	6.74	732	440	1.50	3.32	2.08	11.65	46.7	12.4	23	13.45	325
K862864		3.65	0.025	1.47	8.10	84.2	1230	1.40	4.80	1.43	3.96	53.6	11.0	18	8.21	27.0
K862865		3.65	0.010	0.87	8.16	39.6	1420	1.42	1.20	1.58	3.63	51.5	8.6	15	5.84	19.9
K862866		5.06	0.076	3.54	6.98	374	4110	1.43	3.29	0.94	10.75	47.0	6.0	20	8.12	67.2
K862867		3.76	0.197	5.17	7.78	430	710	1.12	5.28	0.14	4.79	47.7	1.1	14	11.70	42.9
K862868		5.64	0.037	1.42	8.58	113.5	810	1.76	1.83	0.20	18.90	52.0	6.5	15	16.80	44.2
K862869		5.08	0.030	2.14	7.83	262	640	1.58	2.08	0.13	10.15	41.9	3.7	20	14.00	51.6
K862870		2.56	1.755	>100	5.16	2370	1060	0.85	137.0	0.04	9.80	39.7	0.8	13	9.58	291
K862871		1.13	1.245	>100	1.95	3720	780	0.61	57.4	0.02	8.77	18.25	0.7	12	4.63	315
K862872		4.49	0.066	3.09	7.92	1140	1250	2.14	1.92	0.31	34.5	60.4	5.3	19	12.15	167.5
K862873		1.51	0.156	3.73	7.76	1620	900	1.82	0.96	0.08	2.88	57.3	0.7	29	10.55	70.6
K862874		1.65	2.43	36.5	5.97	3260	430	1.04	4.36	0.08	2.16	41.1	0.5	14	7.97	40.8
K862875		11.30	0.512	>100	6.27	888	820	0.93	20.4	0.10	2.92	44.3	1.0	13	12.95	64.2
K862876		1.05	0.007	0.40	0.06	12	110	0.05	0.11	21.7	0.10	1.06	0.9	1	0.14	2.3
K862877		4.75	0.043	1.90	8.15	206	900	1.62	2.33	0.29	5.38	50.2	7.2	13	15.65	120.5
K862878		5.55	1.910	>100	6.37	2270	810	1.15	6.35	0.19	1.72	37.8	2.9	14	12.20	61.0
K862879		5.10	0.131	0.66	8.10	42.5	1500	2.09	6.23	1.52	0.79	57.3	6.7	12	8.81	32.9
K862880		4.77	0.090	1.47	8.12	213	1280	2.08	60.4	0.26	0.37	58.7	1.7	11	11.75	74.1
K862881		4.61	0.019	0.47	8.86	91.6	1130	1.50	2.06	0.45	3.92	55.6	10.1	17	14.10	22.5
K862882		4.45	0.023	0.58	8.17	46.0	1060	1.35	7.81	1.87	4.00	52.8	11.8	15	8.82	10.7
K862883		5.08	0.025	0.65	8.82	87.8	1080	1.53	3.03	0.31	2.44	51.3	12.0	19	12.10	39.8
K862884		4.25	0.026	0.47	6.21	79.2	1400	1.33	1.40	3.50	0.26	26.2	10.2	13	11.50	17.2
K862885		11.49	0.035	0.64	8.66	104.0	1330	1.54	1.91	0.73	0.31	53.4	12.1	13	12.30	20.4
K862886		2.34	0.358	0.83	9.12	971	1050	1.89	2.28	0.98	0.63	52.7	14.9	16	10.20	17.3

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



ALS Canada Ltd.
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 North Vancouver BC V7H 0A7
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Page: 2 - B
 Total # Pages: 2 (A - D)
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 Finalized Date: 19- JUL- 2013
 Account: ROCKHA

Project: VAL- 2

CERTIFICATE OF ANALYSIS WH13121815

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
K862851		3.95	16.30	0.14	0.9	0.218	2.41	27.2	41.4	0.24	2130	1.33	0.25	8.7	6.3	620
K862852		3.78	18.00	0.15	1.0	0.157	2.31	28.9	33.1	0.70	1600	1.24	1.73	8.8	9.7	600
K862853		3.89	17.95	0.17	0.9	0.251	3.02	28.2	29.6	0.33	2050	1.18	0.65	8.6	8.9	620
K862854		4.25	18.05	0.19	0.9	0.460	3.25	29.1	32.7	0.32	3380	1.27	0.61	8.6	8.0	600
K862855		4.07	19.00	0.16	0.9	0.151	3.10	27.2	47.0	0.20	3410	1.06	0.09	9.4	8.4	630
K862856		4.44	18.80	0.17	0.9	0.247	2.96	31.2	49.1	0.47	4290	1.69	1.00	8.6	11.1	620
K862857		5.60	18.00	0.20	0.9	0.584	3.38	29.0	46.8	0.24	3460	1.56	0.14	8.2	8.5	590
K862858		4.09	18.55	0.18	1.1	0.185	2.56	28.0	32.4	0.61	1910	1.19	1.40	9.1	9.7	670
K862859		4.90	18.05	0.18	1.0	0.344	2.89	27.8	30.5	0.30	1730	1.28	0.40	8.3	7.2	530
K862860		4.04	18.85	0.17	1.0	0.257	2.87	28.8	32.5	0.70	2630	1.71	1.07	8.8	9.9	630
K862861		6.75	16.70	0.21	0.9	0.902	2.74	29.7	35.9	0.44	4260	4.99	0.26	6.1	9.6	530
K862862		4.51	18.00	0.16	0.9	0.261	2.31	28.6	23.3	0.70	1960	1.49	1.70	8.1	8.4	600
K862863		5.10	16.35	0.19	1.1	0.314	3.00	25.6	25.6	0.79	1920	17.75	0.15	6.2	14.4	510
K862864		3.80	18.15	0.14	1.0	0.234	2.45	27.6	25.1	0.96	1480	1.06	1.78	8.7	7.6	600
K862865		3.65	18.15	0.16	0.9	0.192	2.50	26.1	27.3	1.01	1280	0.67	1.93	9.1	8.1	600
K862866		4.00	15.95	0.17	1.2	0.429	2.69	24.4	27.9	0.48	1060	3.07	0.84	8.1	7.8	590
K862867		4.96	17.95	0.17	0.9	0.749	3.75	25.9	15.6	0.23	398	5.41	0.08	8.0	3.5	530
K862868		4.70	18.80	0.16	0.9	0.275	3.63	27.5	83.1	0.22	1910	1.32	0.06	8.8	5.6	580
K862869		4.49	20.1	0.16	1.8	0.592	3.88	22.4	19.6	0.26	860	2.59	0.05	10.1	5.2	560
K862870		4.17	13.30	0.15	0.7	5.00	2.54	20.8	20.4	0.15	187	31.7	0.03	5.3	3.7	590
K862871		6.56	5.95	0.15	0.2	7.53	0.91	8.1	31.7	0.06	99	67.3	0.02	1.1	3.8	570
K862872		3.79	20.1	0.18	1.7	0.863	3.85	31.0	18.2	0.26	1070	3.57	0.04	8.4	7.4	830
K862873		3.11	21.3	0.17	3.5	0.437	3.79	30.7	17.6	0.28	160	2.93	0.04	8.1	6.7	350
K862874		3.23	16.60	0.14	1.2	0.735	3.10	22.7	27.7	0.23	322	2.43	0.03	6.3	3.0	320
K862875		4.23	15.25	0.14	0.7	1.200	3.03	24.6	15.2	0.17	219	3.15	0.03	6.7	3.9	380
K862876		0.48	0.46	0.05	<0.1	0.009	0.02	0.5	1.0	13.40	214	0.24	<0.01	0.1	<0.2	160
K862877		4.70	17.85	0.18	0.8	0.493	3.80	26.7	38.8	0.31	956	1.23	0.05	8.1	5.8	610
K862878		4.87	15.60	0.14	0.7	0.395	2.96	19.9	32.3	0.24	327	2.47	0.08	6.1	4.4	420
K862879		3.34	20.8	0.18	1.8	0.216	3.31	28.1	32.5	0.30	1250	2.20	0.64	7.7	6.1	790
K862880		3.76	20.7	0.15	2.0	0.059	3.66	29.8	14.7	0.23	228	2.97	0.17	8.1	3.3	630
K862881		4.32	18.75	0.17	1.0	0.342	2.89	28.4	38.7	0.43	958	2.97	0.24	9.3	9.1	650
K862882		4.31	18.25	0.17	0.8	0.450	2.58	29.1	20.0	1.00	838	1.27	1.78	8.3	6.4	560
K862883		4.61	19.45	0.18	1.0	0.378	2.94	28.1	31.8	0.39	877	2.82	0.17	9.5	8.0	580
K862884		3.46	16.45	0.13	0.6	0.373	1.96	11.0	244	0.21	1020	1.39	0.05	7.1	6.0	510
K862885		3.88	19.35	0.17	1.1	0.326	2.75	28.4	35.4	0.98	775	1.16	0.66	8.4	8.0	640
K862886		4.49	21.7	0.18	1.1	0.202	2.36	25.4	67.8	0.23	1460	2.29	0.39	9.7	13.2	750

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



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CERTIFICATE OF ANALYSIS WH13121815

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Pb	Pb	Fe	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
K862851		53.6	130.0	<0.002	0.05	13.05	12.4	1	1.4	66.7	0.75	<0.05	12.4	0.304	1.56	2.5
K862852		62.2	106.0	<0.002	0.03	5.97	12.7	1	1.6	262	0.70	<0.05	14.2	0.309	1.29	2.0
K862853		83.0	160.0	<0.002	0.01	11.15	13.3	1	2.1	116.0	0.71	0.06	13.2	0.315	2.37	2.5
K862854		229	166.5	0.002	0.03	12.75	13.5	2	2.2	124.5	0.72	<0.05	13.5	0.311	2.55	2.6
K862855		147.0	151.5	0.003	0.01	14.10	16.3	2	1.9	52.8	0.80	<0.05	13.9	0.339	2.53	2.8
K862856		94.4	162.5	<0.002	0.02	15.75	14.4	1	1.9	133.0	0.79	<0.05	14.4	0.308	2.42	3.3
K862857		100.5	179.0	0.002	0.02	36.9	14.2	2	2.5	62.0	0.68	<0.05	13.2	0.307	3.02	3.7
K862858		50.4	107.5	0.002	0.02	9.17	13.7	1	1.8	246	0.78	0.06	13.9	0.339	1.47	2.7
K862859		57.0	138.5	<0.002	0.04	22.6	13.0	1	2.1	95.3	0.72	<0.05	13.2	0.310	2.30	2.9
K862860		58.2	146.0	0.003	0.01	11.25	14.4	1	2.0	161.0	0.76	0.06	13.2	0.329	2.22	3.0
K862861		117.5	143.5	0.003	0.06	19.45	12.9	2	1.9	70.8	0.54	0.09	12.0	0.233	2.19	6.9
K862862		46.0	113.0	0.002	0.08	7.48	13.4	1	1.8	233	0.68	0.11	12.6	0.310	1.60	2.8
K862863		486	159.5	0.007	2.72	27.7	9.7	2	6.2	108.0	0.53	0.35	11.6	0.204	2.72	5.1
K862864		60.0	102.0	<0.002	0.11	9.13	13.1	2	1.9	282	0.73	0.10	13.8	0.320	1.31	2.3
K862865		58.0	116.5	<0.002	0.05	7.66	13.1	1	1.6	292	0.83	<0.05	12.8	0.325	1.54	2.4
K862866		272	138.0	0.002	0.17	31.6	9.7	1	2.2	183.5	0.65	0.05	10.7	0.275	2.10	2.6
K862867		324	198.0	<0.002	0.36	29.6	11.1	1	3.3	54.4	0.69	<0.05	11.0	0.306	3.49	2.2
K862868		119.0	188.0	0.002	0.18	24.2	13.7	1	2.3	51.5	0.71	<0.05	12.3	0.329	3.47	2.9
K862869		236	225	0.003	0.24	32.9	7.9	1	2.7	42.2	0.78	<0.05	11.4	0.233	3.65	3.8
K862870		>10000	126.5	<0.002	0.73	595	9.1	1	5.0	112.0	0.45	0.07	7.3	0.213	2.38	3.2
K862871		>10000	46.5	<0.002	0.81	1105	3.2	1	3.2	160.5	<0.05	0.07	4.5	0.059	1.09	4.3
K862872		299	227	<0.002	0.09	42.8	6.8	1	2.1	40.5	0.67	<0.05	11.5	0.269	3.32	3.5
K862873		188.5	242	0.003	0.17	64.9	7.0	1	2.3	49.8	0.65	<0.05	11.9	0.250	3.58	4.1
K862874		6200	188.5	<0.002	0.43	146.0	8.6	1	7.9	40.0	0.50	0.05	6.9	0.228	2.88	2.0
K862875		>10000	150.0	<0.002	0.67	200	10.0	<1	3.8	47.7	0.54	<0.05	8.9	0.257	2.47	1.9
K862876		73.1	1.3	<0.002	<0.01	0.93	0.2	1	<0.2	56.0	<0.05	<0.05	<0.2	<0.005	0.02	0.5
K862877		135.5	213	<0.002	0.28	68.5	12.9	1	2.5	45.2	0.70	0.06	13.2	0.309	3.49	3.3
K862878		322	181.0	<0.002	0.46	216	11.5	1	4.5	128.5	0.51	0.14	9.3	0.257	2.68	2.6
K862879		48.5	120.5	<0.002	0.21	8.16	7.9	1	2.0	159.5	0.62	<0.05	10.4	0.246	2.11	3.1
K862880		81.7	147.5	0.002	0.29	13.25	5.9	1	2.5	126.0	0.58	0.14	10.3	0.232	2.67	2.9
K862881		28.0	145.0	<0.002	0.04	9.10	14.0	2	2.6	55.2	0.79	0.07	13.5	0.336	2.55	3.3
K862882		38.2	118.0	<0.002	0.19	4.47	12.7	1	2.2	287	0.67	0.07	11.9	0.319	1.80	2.7
K862883		40.1	131.5	0.002	0.13	19.35	15.2	2	2.7	53.1	0.83	0.08	14.4	0.335	2.39	3.8
K862884		22.9	71.1	0.002	0.14	14.95	10.8	1	2.1	107.5	0.54	0.09	7.5	0.296	1.57	2.0
K862885		25.4	130.0	<0.002	0.14	7.87	13.9	2	2.2	119.0	0.67	0.14	14.4	0.321	1.96	2.3
K862886		27.1	121.0	<0.002	0.18	12.80	17.4	2	3.9	84.9	0.78	0.21	12.2	0.387	1.89	2.9



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CERTIFICATE OF ANALYSIS WH13121815

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Ag- OG62	Pb- OG62
		V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Ag ppm	Pb %
		1	0.1	0.1	2	0.5	1	0.001
K862851		97	5.5	19.6	365	23.8		
K862852		95	2.6	16.0	266	21.1		
K862853		99	6.2	14.8	415	18.9		
K862854		102	6.2	14.6	1300	18.7		
K862855		117	9.5	16.6	724	17.6		
K862856		102	3.4	17.0	1040	18.1		
K862857		102	9.4	16.2	894	18.0		
K862858		101	3.0	15.9	329	24.7		
K862859		97	7.0	14.4	325	20.8		
K862860		104	5.1	17.5	495	22.0		
K862861		93	6.0	30.9	1760	18.9		
K862862		101	2.8	17.3	365	20.1		
K862863		67	6.1	11.2	895	29.5		
K862864		98	2.5	15.3	248	21.0		
K862865		100	2.0	13.1	231	19.9		
K862866		78	4.5	11.7	561	31.9		
K862867		94	17.3	6.0	619	20.0		
K862868		107	11.2	11.6	1370	19.4		
K862869		65	7.9	8.0	738	58.4		
K862870		74	16.7	4.5	703	17.2	147	2.59
K862871		27	2.7	2.9	1300	5.4	166	2.92
K862872		55	3.3	9.8	1730	53.3		
K862873		57	4.1	6.8	543	128.0		
K862874		69	11.6	5.0	238	35.6		
K862875		80	8.7	6.0	472	15.9	123	2.07
K862876		2	0.1	0.7	23	<0.5		
K862877		102	7.4	11.4	672	16.0		
K862878		91	7.9	5.7	281	13.8	131	
K862879		69	1.8	10.9	118	56.7		
K862880		52	1.6	6.3	46	59.4		
K862881		107	4.0	18.4	264	20.9		
K862882		101	6.4	15.4	294	17.2		
K862883		112	5.0	21.1	164	20.3		
K862884		97	4.6	12.3	70	13.1		
K862885		102	4.2	16.2	71	26.2		
K862886		139	9.3	21.1	87	20.9		



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CERTIFICATE OF ANALYSIS WH13121815

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

Applies to Method: Interference: Samples with Ca > 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL)
 ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
 CRU- 31 CRU- QC LOG- 22 LOG- 23
 PUL- 31 PUL- QC SPL- 21 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
 Ag- OG62 Au- AA24 ME- MS61 ME- OG62
 Pb- OG62



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CERTIFICATE WH13136043

Project: VAL
 P.O. No.: Batch 1
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 26- JUL- 2013.
 The following have access to data associated with this certificate:

HEATHER BURRELL JARED TARSWELL	MATT DUMALA MATT TURNER	JOAN MARIACHER
-----------------------------------	----------------------------	----------------

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
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- MS61	48 element four acid ICP- MS	
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE
ME- OG62	Ore Grade Elements - Four Acid	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.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH13136043

Sample Description	Method	WEI- 21	Au- AA24	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K862802		6.56	0.010	0.46	7.79	33.2	1230	1.41	0.38	1.97	2.14	55.5	10.4	15	5.12	14.4
K862803		5.04	0.015	0.51	7.71	37.7	1240	1.38	0.70	2.08	2.59	43.4	10.4	16	5.01	18.3
K862804		0.86	0.043	1.08	8.42	107.5	1030	1.89	1.82	0.31	5.25	47.8	7.6	25	11.05	35.3
K862805		7.02	0.049	0.76	7.94	62.6	1430	1.57	0.87	1.13	3.82	41.6	9.9	16	9.29	28.6
K862806		1.91	0.702	21.1	7.14	1025	590	1.01	21.3	0.09	7.86	43.1	1.1	13	11.45	34.4
K862807		5.47	0.037	1.20	8.57	216	1050	1.87	1.40	0.25	5.90	50.6	10.2	17	14.30	38.8
K862808		5.54	0.017	0.58	8.14	108.5	1270	1.54	1.04	1.58	2.82	47.7	10.8	16	7.77	21.6
K862809		1.07	<0.005	0.27	5.99	26.2	530	1.20	0.21	0.11	1.57	42.3	3.1	3	5.29	5.1
K862810		2.99	0.024	0.86	8.19	204	1400	1.79	1.07	1.05	5.93	49.9	13.8	15	8.41	30.2
K862811		2.53	0.246	3.17	7.44	285	1140	1.43	5.68	0.31	5.31	51.0	11.1	18	10.05	63.3
K862812		1.24	0.044	0.97	8.15	199.5	1370	1.41	1.52	1.77	3.76	49.1	11.6	15	7.57	26.7
K862814		4.55	0.135	3.10	8.09	293	1070	1.49	10.15	0.28	6.97	42.2	11.5	18	11.80	61.1
K862815		3.36	0.021	0.44	8.27	48.0	1390	1.50	0.49	2.50	2.44	47.1	12.1	21	5.33	17.5
K862816		3.22	0.985	8.49	8.06	1385	730	1.33	6.41	0.21	12.30	43.9	3.9	17	12.35	94.1
K862817		7.35	0.023	0.52	7.82	33.1	1390	1.50	1.16	1.43	3.04	50.5	8.6	14	6.00	18.5
K862818		2.28	0.152	2.82	8.07	131.5	600	1.52	5.97	0.12	4.56	50.1	8.3	20	15.70	112.5
K862819		3.55	0.039	2.18	8.30	109.5	1790	2.02	5.47	0.42	6.40	93.8	18.8	36	11.35	73.5
K862820		1.99	1.135	>100	6.38	439	390	0.99	83.6	0.08	3.65	38.7	1.7	13	10.90	445
K862821		1.95	<0.005	0.06	0.06	<5	50	0.06	0.08	20.7	0.09	1.34	0.7	1	0.16	2.6
K862822		5.09	0.106	4.23	7.98	159.5	850	1.67	6.93	0.17	5.39	43.5	9.4	18	11.40	184.0
K862823		2.49	0.843	15.90	7.67	625	2250	1.21	44.3	0.10	4.04	52.2	2.5	19	10.45	53.0
K862824		5.23	0.072	2.48	8.20	83.1	1550	2.04	5.93	0.19	3.70	56.7	9.4	17	9.85	93.4
K862825		2.80	0.062	1.97	8.72	62.0	1130	2.06	5.75	0.12	1.24	66.2	16.7	16	13.65	23.9
K862826		8.24	0.014	0.52	7.87	28.7	1350	1.89	1.75	0.08	1.31	63.7	4.1	16	10.65	7.7
K862827		7.30	0.020	0.44	7.96	17.9	1120	1.97	1.72	0.15	2.11	57.2	6.5	18	9.71	7.2
K862828		7.97	0.030	0.78	7.92	37.4	1400	1.92	2.09	0.16	5.53	61.1	7.5	16	10.95	19.3
K862829		0.25	0.393	4.24	6.53	686	600	1.31	3.87	2.03	10.90	48.8	13.0	24	13.45	302
K862830		6.53	0.441	9.93	6.87	231	950	1.18	47.2	0.10	2.36	48.9	3.2	18	8.92	22.6
K862831		5.78	0.174	6.00	8.20	65.1	1550	2.33	12.20	0.21	2.58	61.9	6.9	16	11.45	28.4
K862832		6.42	0.048	0.95	7.94	21.4	1480	2.23	2.85	0.16	2.32	59.4	8.1	15	8.79	16.1
K862833		7.36	0.035	0.80	7.87	27.5	1450	2.19	2.28	0.19	2.46	56.7	7.5	14	9.22	16.8
K862834		7.47	0.034	0.73	8.03	56.8	1580	2.06	2.94	0.17	1.63	57.0	7.1	15	9.51	17.7
K862835		6.34	0.223	4.30	7.18	188.0	760	1.24	16.90	0.10	1.26	40.9	2.0	17	11.75	24.2
K862836		6.47	0.058	1.57	7.74	80.7	1150	1.88	3.78	0.28	2.92	49.8	7.2	15	10.75	59.0
K862837		6.31	0.055	2.38	7.72	52.7	1220	1.93	7.86	0.18	3.49	58.6	8.4	9	8.43	47.5
K862838		6.50	0.061	3.51	7.68	103.5	1430	1.67	8.38	0.07	1.29	49.7	3.6	9	7.45	50.0



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CERTIFICATE OF ANALYSIS WH13136043

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
	Analyte Units LOR	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
K862802		3.43	16.90	0.16	0.8	0.145	1.88	29.4	16.4	0.91	1030	0.69	1.84	8.7	8.2	620
K862803		3.63	17.40	0.12	0.8	0.169	1.89	23.6	18.8	0.90	960	0.89	1.64	8.8	8.8	630
K862804		4.12	18.25	0.13	0.8	0.402	2.79	25.1	34.7	0.36	1120	2.04	0.50	9.5	7.8	690
K862805		3.87	17.90	0.13	0.8	0.204	2.23	22.5	30.8	0.68	1130	1.54	1.03	8.8	10.1	640
K862806		3.71	16.20	0.14	0.7	1.185	3.39	27.8	19.0	0.23	279	3.12	0.05	8.0	2.4	300
K862807		3.75	18.90	0.15	1.0	0.462	2.99	28.5	157.5	0.21	1740	2.81	0.12	10.3	7.8	610
K862808		3.92	17.65	0.15	0.8	0.213	2.30	27.0	25.1	0.89	1260	1.37	1.28	8.5	9.5	650
K862809		1.03	11.90	0.13	2.3	0.088	4.00	19.6	13.3	0.25	708	0.81	0.98	22.2	2.9	50
K862810		3.65	18.15	0.16	0.8	0.167	2.40	26.4	35.2	0.85	1900	1.65	1.09	9.1	11.0	620
K862811		4.77	16.95	0.13	0.6	0.340	3.24	28.8	31.6	0.40	2070	2.06	0.34	8.1	8.1	580
K862812		3.80	18.00	0.15	0.8	0.212	2.38	24.7	23.4	0.91	1340	1.16	1.54	9.3	8.3	600
K862814		4.45	17.95	0.14	0.7	0.352	3.57	23.4	24.6	0.39	1160	2.19	0.15	8.5	7.3	550
K862815		3.72	17.95	0.15	0.9	0.089	1.96	25.4	18.9	1.16	1200	0.96	1.89	9.1	11.3	680
K862816		3.98	18.55	0.15	0.7	0.631	3.60	28.3	13.5	0.38	478	2.25	0.12	8.5	3.5	400
K862817		3.17	16.75	0.13	1.1	0.175	2.58	26.5	20.7	0.96	1220	1.05	1.37	9.2	7.7	510
K862818		4.79	17.55	0.14	0.6	0.631	3.78	30.4	22.6	0.30	981	2.12	0.06	8.4	6.3	510
K862819		5.60	21.3	0.21	3.7	0.849	4.00	47.6	36.9	0.97	2310	2.55	0.13	9.8	11.5	1280
K862820		6.02	14.15	0.14	0.6	2.77	2.89	23.4	21.9	0.19	301	1.92	0.07	6.4	2.3	480
K862821		0.46	0.19	0.11	<0.1	0.008	0.02	0.7	0.9	12.75	208	0.68	0.01	0.1	2.1	170
K862822		4.07	19.35	0.15	1.7	0.393	3.77	23.7	26.1	0.33	737	2.51	0.12	10.5	5.0	670
K862823		5.54	21.6	0.16	1.8	0.251	3.74	30.5	13.9	0.31	177	4.72	0.06	7.6	3.3	380
K862824		3.25	21.6	0.15	2.1	0.106	3.66	28.8	17.0	0.26	466	1.92	0.30	8.3	7.2	840
K862825		3.29	25.5	0.16	2.0	0.076	3.73	34.9	20.2	0.28	189	1.83	0.06	9.0	4.5	750
K862826		3.68	21.0	0.17	2.1	0.070	3.44	33.7	21.8	0.32	230	2.33	0.06	7.5	5.2	720
K862827		3.55	20.1	0.14	2.4	0.059	3.32	29.3	16.2	0.39	493	2.97	0.51	7.6	8.6	770
K862828		3.90	19.90	0.14	1.9	0.071	3.27	32.1	29.6	0.27	583	4.05	0.23	7.2	6.8	790
K862829		4.91	15.90	0.15	1.1	0.342	2.89	28.4	23.0	0.76	1840	14.70	0.15	6.3	14.3	500
K862830		3.55	19.55	0.14	2.2	0.166	3.11	28.2	21.0	0.23	248	2.95	0.10	8.0	4.1	420
K862831		4.62	20.5	0.16	2.2	0.104	3.06	33.7	116.0	0.25	390	2.73	0.42	7.5	6.2	730
K862832		3.82	20.0	0.15	2.1	0.058	2.95	31.3	35.9	0.26	630	1.89	0.88	6.9	5.8	670
K862833		3.31	20.1	0.16	1.9	0.064	3.02	29.7	20.2	0.25	749	1.82	0.89	8.2	5.8	680
K862834		4.47	20.9	0.14	2.2	0.062	2.90	29.8	49.4	0.27	336	2.37	1.33	7.8	5.0	750
K862835		3.81	18.10	0.14	2.0	0.183	3.38	24.0	18.8	0.25	193	1.77	0.11	8.9	2.1	400
K862836		3.20	20.0	0.16	2.2	0.092	3.24	26.3	39.9	0.26	929	3.40	0.18	7.0	5.9	730
K862837		2.91	20.8	0.14	2.0	0.059	3.64	30.9	17.1	0.30	1360	12.20	0.10	7.5	4.1	680
K862838		3.17	21.3	0.14	2.0	0.067	3.77	27.2	25.4	0.32	323	23.1	0.07	7.8	2.3	510

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



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CERTIFICATE OF ANALYSIS WH13136043

Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Pb	Pb	Fe	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
K862802	31.3	74.7	<0.002	<0.01	2.94	13.3	1	1.3	312	0.71	<0.05	14.1	0.286	0.78	1.8
K862803	20.6	66.1	<0.002	<0.01	4.85	12.7	1	1.4	301	0.73	<0.05	12.8	0.304	0.76	2.2
K862804	42.9	154.0	<0.002	<0.01	15.35	14.2	1	1.8	78.7	0.77	<0.05	14.5	0.317	1.98	4.7
K862805	29.5	89.5	<0.002	<0.01	8.19	13.4	1	1.4	190.5	0.72	<0.05	12.7	0.305	1.17	2.9
K862806	570	190.0	0.002	0.37	55.3	11.1	1	4.3	84.4	0.70	0.05	12.4	0.278	2.56	3.6
K862807	47.1	173.0	<0.002	<0.01	29.2	13.4	1	1.7	50.6	1.09	<0.05	17.5	0.311	2.54	5.4
K862808	35.8	103.0	<0.002	<0.01	6.10	12.7	1	1.5	232	0.74	<0.05	13.7	0.300	1.23	2.4
K862809	18.5	172.0	<0.002	<0.01	6.88	2.0	1	0.4	49.1	4.56	<0.05	37.9	0.047	1.84	9.7
K862810	57.4	108.5	<0.002	<0.01	8.20	12.9	1	1.4	196.0	0.77	<0.05	15.4	0.302	1.36	3.4
K862811	170.5	164.0	<0.002	0.18	18.85	11.9	1	3.3	114.5	0.68	<0.05	14.8	0.277	2.32	3.8
K862812	103.0	96.8	0.002	0.01	8.50	12.9	1	1.8	289	0.79	<0.05	16.2	0.310	1.19	2.6
K862814	175.5	185.5	0.002	0.10	18.85	13.2	<1	3.5	73.3	0.71	0.10	12.4	0.309	2.54	4.1
K862815	32.9	70.2	<0.002	<0.01	3.28	13.1	1	1.4	342	0.76	<0.05	13.1	0.327	0.76	1.8
K862816	1600	202	<0.002	0.23	28.4	13.0	1	6.4	144.5	0.71	<0.05	11.8	0.310	2.75	4.1
K862817	42.0	109.0	<0.002	<0.01	4.59	10.6	1	1.3	228	0.92	<0.05	18.4	0.268	1.15	2.3
K862818	114.5	208	<0.002	0.09	22.3	13.4	1	4.1	90.2	0.66	0.05	13.4	0.311	3.19	4.8
K862819	87.4	199.5	<0.002	0.06	20.6	14.3	2	2.6	119.0	0.73	0.06	16.4	0.356	3.09	6.7
K862820	4720	147.0	<0.002	0.24	157.0	9.4	1	5.6	40.1	0.52	0.14	9.4	0.235	2.06	2.9
K862821	5.3	1.4	<0.002	<0.01	0.11	0.2	<1	<0.2	46.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.8
K862822	342	198.5	<0.002	0.03	34.2	8.2	1	3.5	57.4	0.84	0.17	13.7	0.235	2.93	6.2
K862823	526	214	<0.002	0.11	47.4	9.1	1	6.7	83.9	0.62	0.89	16.2	0.221	2.58	4.9
K862824	116.0	171.5	<0.002	0.03	7.30	7.3	1	4.1	89.4	0.65	0.41	12.8	0.248	2.27	5.0
K862825	90.9	179.0	<0.002	0.05	10.60	7.2	1	8.3	72.5	0.70	1.06	12.1	0.265	2.31	5.0
K862826	30.1	152.0	<0.002	0.06	4.96	6.5	1	6.6	34.6	0.59	0.15	12.7	0.226	1.89	5.7
K862827	54.3	143.0	<0.002	0.02	2.96	6.3	1	9.0	86.5	0.62	0.05	12.7	0.228	1.83	6.1
K862828	47.1	141.0	<0.002	0.09	5.23	6.5	1	3.1	60.2	0.60	0.09	12.7	0.224	1.85	5.7
K862829	471	160.5	0.003	2.61	29.8	9.3	1	5.6	108.0	0.54	0.33	13.7	0.201	2.49	5.7
K862830	357	149.5	<0.002	0.10	46.1	6.3	1	4.2	70.8	0.66	0.65	11.6	0.193	1.86	4.8
K862831	83.8	130.0	<0.002	0.03	8.13	8.4	1	2.8	155.5	0.61	0.17	13.6	0.227	1.85	6.5
K862832	42.5	124.0	<0.002	0.01	2.37	7.7	1	2.3	177.5	0.60	0.06	13.8	0.192	1.76	5.2
K862833	37.1	130.5	<0.002	0.01	2.10	7.4	1	3.2	171.0	0.68	0.08	13.3	0.224	1.68	4.4
K862834	32.4	126.0	<0.002	0.08	3.44	8.0	1	3.7	387	0.64	0.08	13.4	0.231	1.71	4.9
K862835	317	180.0	<0.002	0.28	22.0	6.6	1	4.6	66.4	0.72	0.29	11.2	0.199	2.23	3.8
K862836	76.9	152.5	<0.002	0.14	18.20	7.6	1	3.5	61.9	0.54	0.07	11.7	0.214	2.00	3.9
K862837	79.5	172.0	<0.002	0.07	8.28	6.0	1	3.9	40.4	0.59	0.38	11.4	0.199	2.25	3.7
K862838	167.0	187.5	<0.002	0.10	14.65	5.6	1	5.4	71.7	0.64	0.48	10.8	0.193	2.37	3.6



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Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Ag- OG62 Ag ppm 1
K862802		93	1.8	19.1	257	17.7	
K862803		98	1.8	17.6	267	17.6	
K862804		107	7.0	15.4	286	19.0	
K862805		98	3.0	16.6	356	16.7	
K862806		85	9.4	9.2	448	17.1	
K862807		100	8.0	15.9	557	19.6	
K862808		97	2.2	18.4	333	17.1	
K862809		13	1.9	12.8	131	34.1	
K862810		93	2.7	18.5	663	19.9	
K862811		89	6.4	14.4	464	14.5	
K862812		97	2.8	16.5	494	16.3	
K862814		104	5.9	12.9	546	15.8	
K862815		103	1.3	17.7	387	18.6	
K862816		102	11.2	11.1	605	16.4	
K862817		81	1.5	15.0	390	24.0	
K862818		98	9.8	14.2	384	14.6	
K862819		114	5.3	19.1	627	110.0	
K862820		78	6.9	7.5	799	14.1	107
K862821		2	0.1	0.9	18	0.5	
K862822		65	5.0	12.0	563	50.9	
K862823		74	8.0	8.7	229	58.2	
K862824		57	5.1	12.0	349	58.0	
K862825		60	5.2	11.4	142	53.9	
K862826		52	3.4	11.6	188	59.3	
K862827		52	2.9	11.9	231	72.2	
K862828		52	3.1	14.4	395	49.8	
K862829		65	5.8	12.5	843	29.5	
K862830		54	8.4	10.6	280	68.6	
K862831		71	2.8	16.5	319	69.0	
K862832		63	1.7	15.1	225	59.7	
K862833		60	2.1	13.7	218	55.0	
K862834		67	2.6	12.6	184	65.5	
K862835		56	4.9	7.5	162	61.1	
K862836		67	3.3	12.0	257	69.1	
K862837		50	18.6	11.5	199	55.2	
K862838		51	25.0	7.5	230	53.9	



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Page: **Appendix 1**
 Total # **Appendix Pages: 1**
 Finalized Date: **11- AUG- 2013**
 Account: **ROCKHA**

Project: VAL

CERTIFICATE OF ANALYSIS WH13136043

	CERTIFICATE COMMENTS								
	ANALYTICAL COMMENTS								
Applies to Method:	REE's may not be totally soluble in this method. ME- MS61								
Applies to Method:	Interference: Samples with Ca > 10% on ICP- MS As. ICP- AES As results reported (5 ppm DL) ME- MS61								
	LABORATORY ADDRESSES								
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU- 31</td> <td style="width: 33%;">CRU- QC</td> <td style="width: 33%;">LOG- 22</td> <td style="width: 33%;">LOG- 23</td> </tr> <tr> <td>PUL- 31</td> <td>PUL- QC</td> <td>SPL- 21</td> <td>WEI- 21</td> </tr> </table>	CRU- 31	CRU- QC	LOG- 22	LOG- 23	PUL- 31	PUL- QC	SPL- 21	WEI- 21
CRU- 31	CRU- QC	LOG- 22	LOG- 23						
PUL- 31	PUL- QC	SPL- 21	WEI- 21						
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag- OG62</td> <td style="width: 33%;">Au- AA24</td> <td style="width: 33%;">ME- MS61</td> <td style="width: 33%;">ME- OG62</td> </tr> </table>	Ag- OG62	Au- AA24	ME- MS61	ME- OG62				
Ag- OG62	Au- AA24	ME- MS61	ME- OG62						



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Page: 1
 Finalized Date: 12- AUG- 2013
 Account: ROCKHA

CERTIFICATE WH13136044

Project: VAL
 P.O. No.: Batch 3
 This report is for 5 Rock samples submitted to our lab in Whitehorse, YT, Canada on 26- JUL- 2013.
 The following have access to data associated with this certificate:

HEATHER BURRELL JARED TARSWELL	MATT DUMALA MATT TURNER	JOAN MARIACHER
-----------------------------------	----------------------------	----------------

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
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- MS61	48 element four acid ICP- MS	

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.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: VAL

CERTIFICATE OF ANALYSIS WH13136044

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS61 Ag ppm	ME- MS61 Al %	ME- MS61 As ppm	ME- MS61 Ba ppm	ME- MS61 Be ppm	ME- MS61 Bi ppm	ME- MS61 Ca %	ME- MS61 Cd ppm	ME- MS61 Ce ppm	ME- MS61 Co ppm	ME- MS61 Cr ppm	ME- MS61 Cs ppm	ME- MS61 Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K862839		6.97	0.307	3.42	8.16	79.5	1140	1.90	6.62	0.10	1.00	65.8	2.6	10	9.05	49.5
K862840		7.68	0.114	2.57	8.13	77.5	1280	2.26	7.84	0.44	3.01	57.0	7.3	14	10.75	70.2
K862841		2.33	3.09	5.93	7.45	187.0	870	1.39	19.80	0.14	1.18	41.6	4.6	14	8.90	150.5
K862842		0.26	0.374	4.69	6.82	715	400	1.47	3.71	2.18	10.05	48.7	12.6	26	12.35	324
K862843		7.89	0.934	0.85	8.03	139.0	1080	1.79	5.22	0.52	1.01	48.4	8.5	14	6.58	145.5

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Account: ROCKHA

Project: VAL

CERTIFICATE OF ANALYSIS WH13136044

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
K862839		3.53	19.75	0.12	2.0	0.086	3.79	32.9	16.0	0.30	214	24.6	0.09	7.4	3.0	590
K862840		3.62	19.00	0.14	1.8	0.091	3.70	28.7	20.6	0.30	1570	15.10	0.09	7.1	5.8	740
K862841		5.50	16.30	0.11	0.6	0.294	3.20	23.3	28.5	0.34	330	1.74	0.10	6.4	3.8	450
K862842		5.15	15.65	0.11	1.1	0.291	3.04	25.4	25.1	0.80	2000	14.85	0.15	6.3	14.3	540
K862843		6.65	17.75	0.10	0.7	0.209	3.10	25.1	39.4	0.64	607	1.67	0.59	7.0	6.0	600

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Project: VAL

CERTIFICATE OF ANALYSIS WH13136044

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Pb ppm	Fe ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
K862839		138.0	169.5	<0.002	0.08	10.60	5.1	1	5.1	61.3	0.55	0.25	9.3	0.192	2.16	2.9
K862840		118.5	166.0	<0.002	0.18	16.55	7.9	1	4.8	41.9	0.53	0.24	10.5	0.237	2.12	2.8
K862841		216	168.5	<0.002	0.15	17.85	9.6	<1	5.2	51.3	0.52	0.19	9.4	0.237	2.15	2.9
K862842		498	149.5	0.004	2.73	27.0	8.8	1	5.8	105.0	0.51	0.34	11.7	0.211	2.18	4.8
K862843		37.5	152.0	<0.002	0.05	14.10	11.0	1	4.2	131.0	0.54	0.24	11.4	0.261	2.01	3.5

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CERTIFICATE OF ANALYSIS WH13136044

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
K862839		50	19.8	7.8	339	57.4
K862840		72	4.5	12.6	272	55.6
K862841		89	4.1	9.2	127	14.2
K862842		69	5.5	11.0	914	32.4
K862843		94	2.7	13.0	103	15.4

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	CERTIFICATE COMMENTS						
	ANALYTICAL COMMENTS						
Applies to Method:	REE's may not be totally soluble in this method. ME- MS61						
	LABORATORY ADDRESSES						
Applies to Method:	<p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU- 31</td> <td style="width: 33%;">CRU- QC</td> <td style="width: 33%;">LOG- 22</td> </tr> <tr> <td>PUL- 31</td> <td>PUL- QC</td> <td>SPL- 21</td> </tr> </table> <p style="text-align: right;">LOG- 23 WEI- 21</p>	CRU- 31	CRU- QC	LOG- 22	PUL- 31	PUL- QC	SPL- 21
CRU- 31	CRU- QC	LOG- 22					
PUL- 31	PUL- QC	SPL- 21					
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au- AA24</td> <td style="width: 33%;">ME- MS61</td> <td style="width: 33%;"></td> </tr> </table>	Au- AA24	ME- MS61				
Au- AA24	ME- MS61						

APPENDIX V
STATEMENT OF EXPENDITURES

Statement of Expenditures
Val 1-15 Mineral Claims
October 10, 2013

Excavator Trenching and Sampling

15317 Yukon	\$12,470.72
ALS Chemex	<u>3,334.19</u>
	15,804.91

Total	<u>\$15,804.91</u>
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Total 77 samples = \$205.26/sample