096685

2014 Mineral Exploration Report for Project Ruby Ruby Range, SW Yukon

50 Quartz Mineral Claims

HOST YC 26231 to YC 26238, HOST YC 26482 to YC 26487,
HOST YC 39058 to YC 39066, HOST YC 40224 to YC 40232.

NOB YD 19040, YD 19043, YD 19045, YD19049, YD 19051,
YD 19053, YD 19055, YD 19056, YD 19057.

TOP YE 54572, YE 54574, YE 54576, YE 54578,YE 54580,
YE 54582, YE 54584, YE 54586, YE 54588.

Report by Owner

Brad Mackinnon
Prospector, Placer Miner, General Contractor
For work done September 20 to October 15/2014

Location: 61 08 28 N, 137 53 41 W
Minutes/degrees/seconds
or
40 miles northeast of Haines Junction

NTS: 115H/04
Whitehorse Mining District
January 8, 2015

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& Description of Work

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Statement of Expenditures
Quartz Assessment
Land Use Permit LQ00354
January 10, 2014

Eligible Expenses	Unit	# Units	Rate per Unit	Total
Daily camp & field expenses	day	15	$125.00	$1,875.00
Wages:	day			
Self (labour)	day	11	$250.00	$2,750.00
Self (prospecting)	day	4	$300.00	$1,200.00
Laura(labourer)	day	4	$225.00	$900.00
Assay costs				$1,510.00
Report				$1,000.00
ATV (teryx)	day	12	$40.00	$480.00
Truck (4x4)	day	3	$50.00	$150.00
Travel (4x4 truck)	kilometer	390	$0.61	$237.90
Heavy Equipment:				
25 ton Excavator	hour	35	$150.00	$5,250.00
Overburden & Restoration	cubic yard	1900	$1.00	$1,900.00
Rock	cubic yard	540	$3.00	$1,620.00
Loader (road repair, re & re bucket)	hour	5	$125.00	$625.00
Total Expenditures				$19,497.90

1.

Description of Work:

September 15/2014
Laura and myself head to top of mountain on east side of valley. Found a large granite outcrop that we never noticed in the past. Took contact samples here then travelled across face of large knob to the south. Rough ground to move over due to many drop-offs.

Laborer ----------$225.00
Prospector ----------$325.00
Daily expenditures and camp----- $250.00
Atv. ---------- $40.00

September 16/2014
Laura and myself head back to the 4,500-foot elevation below where we found the granite outcrop on the previous day. We travel northerly from here at the same elevation and take soil samples at 100m intervals. We do a small grid at the point where I got a 3,600ppb Au sample in 2012.

Laborer----------$225.00
Prospector ----------$325.00
Daily expenditures and camp----$250.00
Atv. ----------$40.00

September 17/2014
Laura and myself head up valley to just above Ruby Falls and then up the mountain on the west side. Tried to reach a large quartz outcrop above this point. Buck-brush was very thick and the side-hill got very steep. Decided it was to dangerous so moved back to a lower elevation and eventually back down to the creek level.

Laborer----------$225.00
Prospector----------$325.00
Daily expenditures and camp-----$250.00
Atv.----------$40.00

September 18/2014
Drive Laura back out to Haines Junction and then to Whitehorse to catch the plane to Vancouver. I arrive back at Ruby on the next night.

Laborer----------$225.00
Prospector----------$325.00
Truck----------$50.00
Km 390 x .61----------$237.90

September 20/2014
Prepare for moving up the valley to test site as proposed under my pre-season report for LQ00354. Patch up road with loader and move dig bucket for excavator.

Loader 5 hr.----------$625.00
Daily expenditures and camp------$125.00

September 21/2014
Start up valley with excavator to first test site.
(N 61° 08' 16.7" x W 137° 53' 00.1")

Strip topsoil and frozen clay off side-hill and utilize for a flat dig pad. Complete pad and head back to camp to get welding truck.

Stripping area 90' x 26' x 6' =520 cu. yd.
Stripping----------$520.00
Excavator 7 hr.----------$1,050.00
Daily expenditures and camp-----$125.00
Atv.----------$40.00

September 22/2014
Start typical day by travelling up valley to start and warm excavator. Dig trench and take samples then backfill and contour.

Trench 30' x 6' x 12' = 80cu. yd.
20 yd. rock----------$60.00
60 yd. gravel----------$60.00
Daily expenditures and camp-------$125.00
Atv.----------$40.00
Excavator 4 hr. ----------$600.00

September 23/2014 (N 61° x 08' x 15.4" x W 137° x53' x 06.9")
Haul fuel up to test area with loader. Do stripping and trenching as well as collect samples. Walk machine to next site after backfill and contouring.

Strip 30' x 22' x6 (146 cu. yd.)----------$146.00
Trench 15' x 6' x 9' (30 yd.)----------$30.00
Excavator 5 hr.----------$750.00
Loader 1 hr. ----------$125.00
Daily expenditures and camp----------$125.00
Atv.----------$40.00

September 24/2014
(N 61° x 08' x 17.3" x W 137° x53' x 04.0")

Head up valley, start excavator, grease etcetera as on other days. Move machine to the West side of the valley. Strip to create pad for digging a trench then backfill and contour. Move machine to next site.

Strip area 150' x 22' x6' (733 cu. yd.)----------$733.00
Trench 30' x 10' x 6' (66cu. yd.)----------$66.00
Excavator 6 hr.----------$900.00
Daily expenditures and camp----------$125.00
Atv.----------$40.00

September 26/2014
(N 61° x 08' x 25.8" x W 137° x 52' x52.6")

Remove side-hill overburden to build pad and expose shear zone area. Dig out shattered rock to get clean sample material.

Pad area 90' x 30' x 6' (600 cu yd.)
Overburden 180 cu. yd.----------$180.00
Rock 420 cu. yd.----------$1,260.00
Excavator 6 hr.---------- --------$900.00
Daily expenditures and camp----------$125.00
Atv.----------$40.00

September 27/2014
(N 61° x 08' x 25.8" x W 137° x 52' x 52.6")

Move to creek basin and dig trench to intercept shear zone below pad of the previous day. Backfill after taking samples then walk machine back down valley to camp.

Trench 72' x 9' x 10' deep (240 cu. yd.)
Rock 72 cu. yd.----------$216.00
Overburden 168 cu. yd.----------$168.00
Excavator 7 hr.----------$1,050.00
Daily expenditures and camp---------- $125.00
Atv.----------$40.00

Report for Ruby Creek Quartz Claims:
(Host, Nob & Top) Map Sheet 115H-04

Rationale: January 12/2014
Current work is to keep my claim group in good standing due to past evidence. The continued recovery of crystalline, dendritic and rough quartz/gold from my ongoing placer activity supports the existence of a local lode source. Placer mining currently occurs about one mile below my initial undertaking, yet still yields very rough gold samples.

The discovery of an auriferous shear zone in 2009 produced several quartz samples in the half-gram per ton range, proving local fluid flow. Clusters of pyrite were also seen within this structure, which may have hindered assay results. As I am not a geologist, some of my testing methodology may not have been adequate. Past work by YGS indicates that the Kluane Metamorphic Assemblage is a sub-ducting back-arc basin, providing the heat engine to drive fluids.

A large granitic outcrop occurs lower down on the mountain on the east side of the valley, which we never found until the past season as it looks just like the surrounding schist due to weathering. Thick deposits of glacial overburden continue to hamper efforts to locate a significant lode. Past soil sampling has produced many exceptional Au highs well in excess of 1,000ppb. Follow-up sampling has been inconsistent, indicating a "nugget effect."

There are no modern geological maps for the area that I am aware of. Rockhaven Resources has released a 2014 report stating that they recovered a sample containing 225g/t gold on their Kluane property. Past reports on their JPR property have had assays up to 193g/ton, 126g/t, 122g/t. Rockhavens property adjoins my Ruby property at its northern border. The Kluane, JPR, and Ruby claim blocks, are all in a line. Air photos may indicate fault lines also trending in this general direction. Research done by Steven Mickelwaithe suggests that gold deposits generally occur in clusters spaced at 7-10 km intervals. Earthquake epicenters are also shown in this area.

In past years I have listened to various critics try and dispute my evidence. Some have suggested that the dendritic type gold may have grown "in-situ." A fairly recent Australian study ruled out speculative theories of supergene formation via in-situ precipitation. Leaf gold is found within quartz in many places. The historic Lone Star mine on Victoria Creek in the Klondike carried dendritic gold and assayed to 6oz/ton. (Tyrell 1912)

Others have suggested that some of my gold samples may have travelled many miles locked within frozen clasts carried by glaciers. Some have even tried to suggest that fine gold has been pounded or rolled into nuggets by natural forces. The same Australian study that ruled out in-situ gold formation, also ruled out cold welding. All nuggets studied were formed by high heat far underground. (Hypogene)

SUMMARY:

My Ruby property is the only one in the area that has Road Access and a current Type 3 Quartz Land-Use Permit. With my time commitment focused on placer mining during the summer months, I cannot really spend much time on quartz exploration. My preference would be to achieve some form of agreement with a dedicated explorationist. I will once again attend Roundup, but do not have any great expectations due to many factors.

John Peter Ross formerly owned the Hope claims, which over-lied Ruby creek valley. When these claims lapsed, I staked them. Pete was the initial founder of the Killermun Lake gold property. (Now JPR) One quartz float sample JP had found at Ruby contained over 27.1 g/t Au. Many of his soils were also in the thousand plus bracket, which may further support the afore mentioned "nugget effect." (Minfile 115H 047)

Several years ago, I had allowed geologists from Rockhaven to take some samples with a verbal agreement to pass results on to me. Unfortunately, they lost all of this info, but did make me a cash offer for the property.

Due to the time conflict between my placer and lode endeavors, both tend to suffer loss. Every day spent on hard-rock exploration costs me at least a thousand dollars per day due to no dirt going into my sluice plant.

Considering future work, I always go back to my conversations with Jim McFall, now deceased. He felt that bulk sampling then using gold morphology would be far more effective in a glaciated area rather than typical soil sampling. This method has worked well in the USSR, as well as many Canadian examples. I have saved coarse gold samples since 2007 with the idea using morphology to locate a source, but samples need to be taken over a larger area to be effective.

Large quartz outcrops occur at higher elevations and many other veins have been encountered while placer mining. One quartz sample taken up high returned over 2000ppb Au. Considering all of the above, I suppose I should continue to keep my claims in good standing.

Brad MacKinnon


N
E
Map 1154-04
2014 Work under
LQ 00354
Area:
Camp
Brad MacKinnon

Ruby Creek 2014 Samples

Yukon
Energy, Mines and Resources

QP-39061
Cabin
PPNOB15
S106
S109
013-1
013-2
013-3
013-4
013-5
013-5.5
013-6
013-6.5
013-7
013-7.5
UTM 8

Legend

- 1:10,000 Mapsheet Index
- 1:50,000 NTS Mapsheet Index
- 1:250,000 NTS Mapsheet Inde
- UTM Zones
- Canadian Geographic Place N
- NTS Trails and Cutlines (50K)
  - Cutline
  - Limited-use road
  - Trail
- Spot Height (50K)
- Contours - Whitehorse (10K)
- Contours (50K)

N
E
S

1: 9,518

0.5 0 0.24 0.5 Kilometers

Yukon Albers
Produced from: Yukon Lands Viewer

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Date Printed: 04-Nov-2014

Notes

013 - 4600ft
113 - 4500ft
213 - 4400ft
- 100 or 50m spacing

Ruby Creek 2014 Samples

213-7
113-7.5
013-7.5
113-7
213-6.5
013-7
UTM 8
113-6.5
213-6
103
013-6.5
113-6
S104
213-5.5
013-6
H2O
105
113-5.5

Legend

- 1:10,000 Mapsheet Index
- 1:50,000 NTS Mapsheet Index
- 1:250,000 NTS Mapsheet Inde
- UTM Zones
- Canadian Geographic Place N
- NTS Trails and Cutlines (50K)
  - Cutline
  - Limited-use road
  - Trail
- Spot Height (50K)
- Contours - Whitehorse (10K)
- Contours (50K)

N
E
S

1: 1,412

0.1 0 0.04 0.1 Kilometers

Yukon Albers
Produced from: Yukon Lands Viewer

This map is a user generated static output from an internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Date Printed: 04-Nov-2014

Notes

013 - 4600ft
113 - 4500ft
213 - 4400ft
- 100 or 50m spacing

16

Waypoint	Latitude	Longitude	Comment	Elevation
013-1	61.12462	-137.87441	Line: 0, 2013, 100m	4600
013-2	61.12562	-137.87256	Line: 0, 2013, 200m	4600
013-3	61.12647	-137.87136	Line: 0, 2013, 300m	4600
013-4	61.12765	-137.87021	Line: 0, 2013, 400m	4600
013-5	61.12879	-137.86954	Line: 0, 2013, 500m	4600
013-6	61.12964	-137.86926	Line: 0, 2013, 600m	4600
013-6.5	61.13018	-137.86963	Line: 0, 2013, 650m	4600
013-7	61.13062	-137.86945	Line: 0, 2013, 700m	4600
013-7.5	61.13110	-137.86948	Line: 0, 2013, 750m	4600
113-5.5	61.12944	-137.87073	Line: 1, 2013, 550m	4500
113-6	61.12994	-137.87062	Line: 1, 2013, 600m	4500
113-6.5	61.13028	-137.87066	Line: 1, 2013, 650m	4500
113-7	61.13077	-137.87050	Line: 1, 2013, 700m	4500
113-7.5	61.13126	-137.87023	Line: 1, 2013, 750m	4500
213-5.5	61.12969	-137.87188	Line: 2, 2013, 550m	4400
213-6	61.13017	-137.87174	Line: 2, 2013, 600m	4400
213-6.5	61.13064	-137.87160	Line: 2, 2013, 650m	4400
213-7	61.13119	-137.87149	Line: 2, 2013, 700m	4400
QP-39061	61.13220	-137.88038	Quartz Post	
103	61.13011	-137.87147		
105	61.12947	-137.87125		
S103	61.13011	-137.87147		
S106	61.12053	-137.87075		
S109	61.11992	-137.87203		
S104	61.12981	-137.87136		
CABIN	61.12676	-137.89718		
PPNOB15	61.12332	-137.87960	Placer post	

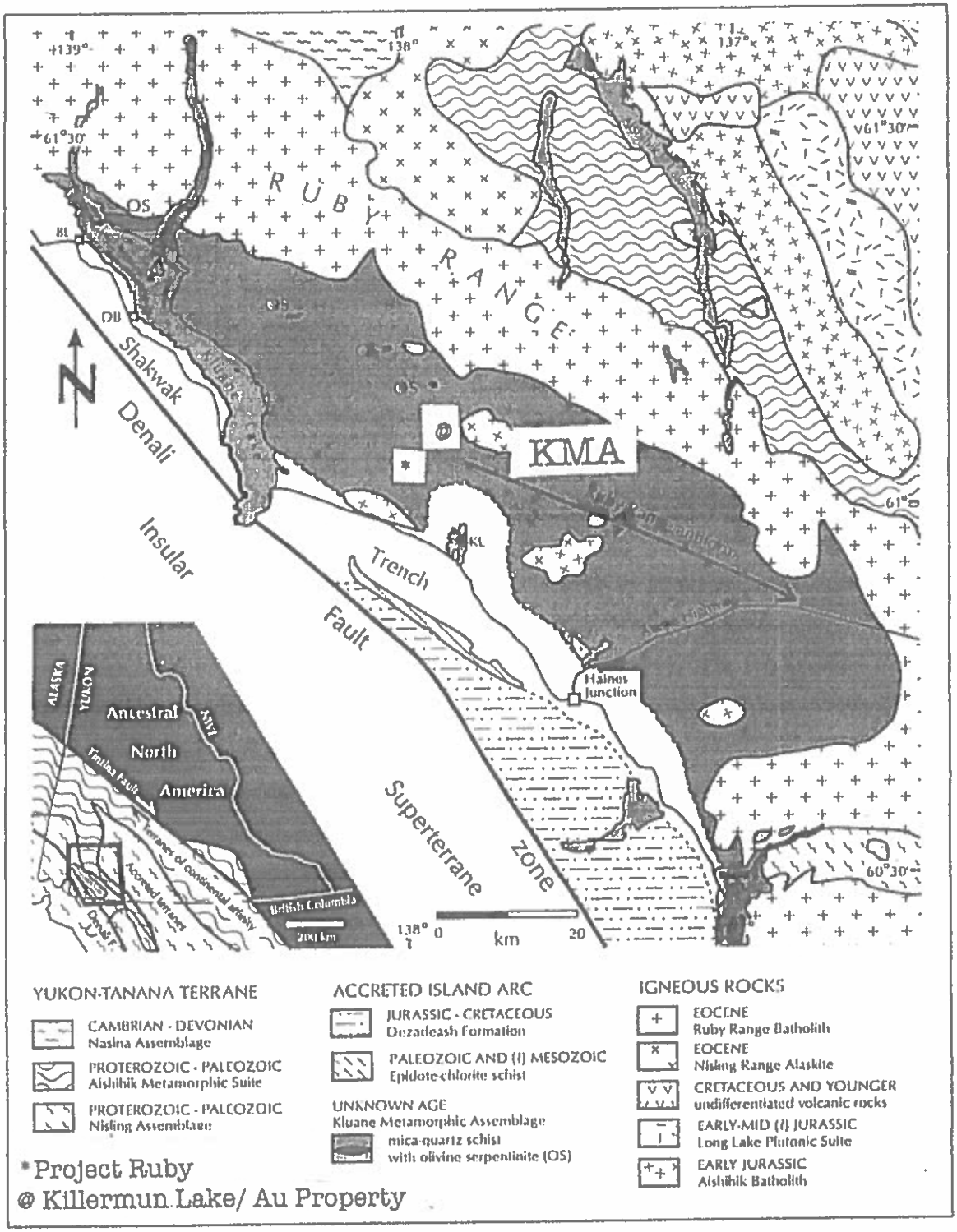


Figure 1. Geological overview map of the Kluane metamorphic assemblage. Additional information from Kindle (1952), Muller (1967), Tempelman-Kluit (1974), Wheeler and McFeely (1991), Dodds and Campbell (1992) and Johnston and Erdmer (1995). BL: Burwash Landing; DB: Destruction Bay; DL: Dezadeash Lake; KL: Kloo Lake.

Techtonic Model - KMA

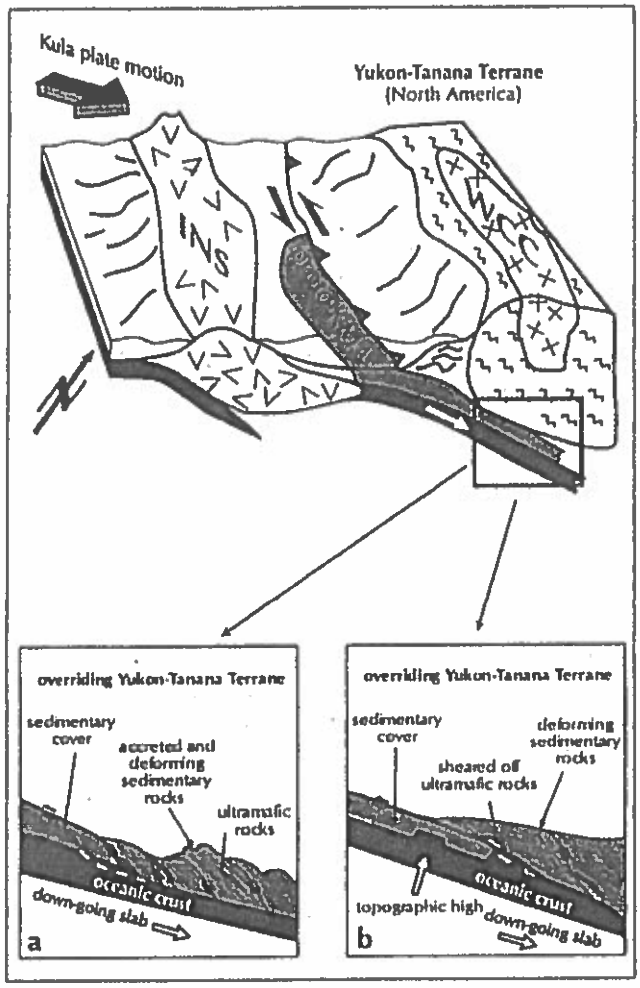


Figure 14. Tectonic model of the accretion of the KMA onto the North American continental margin in the Late Cretaceous. The top block diagram shows the collapse of the back-arc basin into which the sedimentary protolith of the KMA was deposited. As the Kula plate changed motion towards the east at around 95 Ma (Engebretson et al., 1995), the Insular Superterrane (INS) was approaching the North American continental margin. This resulted in eastward oblique subduction of the KMA back-arc basin, and the development of a magmatic arc, possibly the Whitehorse Coffee Creek arc (WCC, J. Mortensen, pers. comm., 1999). The pair of black arrows indicates a sinistral strike-slip component. (a) Accretion of tectonically interleaved metasedimentary and ultramafic rocks by development of duplex structures (Platt, 1986). (b) Tectonic underplating by shearing off topographic highs of the oceanic crust and inter-foliating ultramafic with metasedimentary rocks along detachment zones (Karig and Sharman, 1975).

The mode of tectonically interleaving ultramafic rocks with the schist is poorly understood. One model suggests that during underplating, detachment faults or shear zones could form (Fig. 14). These faults could cut through the sedimentary cover and oceanic crust of the down-going plate, resulting in duplex structures being accreted to the overriding plate (Fig. 14a; Platt, 1986). Alternatively, Karig and Sharman (1975) proposed that the ultramafic rocks represented topographic highs, such as horst structures or seamounts, that were sheared off and subsequently tectonically interleaved and deformed with the scraped off sedimentary rocks (Fig. 14b).

During the underplating process, the sedimentary rocks were ductilely deformed and metamorphosed to become mylonitic mica schist. Geobarometry on garnet cores indicate that this process took place at depths of 20-25 km (Mezger et al., in review). The direction of underplating or underthrusting can be deduced from the orientation of mineral lineation and sense of shear derived from rotated plagioclase porphyroclasts and c'-type shear bands in mylonitic schist. These indicate uniform eastward underthrusting of the KMA underneath the Yukon-Tanana Terrane. The oblique angle of underplating, implying a sinistral strike-slip component, could explain the presence of the ultramafic bodies along strike of the regional foliation. The four ultramafic lenses could be fragments of one large body that became disrupted during oblique underplating. Tectonic underplating of the KMA occurred in the Late Cretaceous. It is constrained by the change of motion of the Kula plate towards an easterly direction relative to North America, at around 95 Ma (Engebretson et al., 1995), and by intrusion of late deformational mafic dykes into the KMA at 72 Ma (Mezger et al., in review).

The tectonic setting of the KMA serpentinites is comparable to similar ultramafic bodies in the central and eastern Alaska Range, which are also located near the Denali Fault zone, and are interpreted to be Alpine-type (Nokleberg et al., 1985; Patton et al., 1994). With the exception of the Chulitna Terrane of central Alaska (Jones et al., 1980), serpentinites in Alaska and the Yukon are not correlated to any ophiolitic sequence. In absence of ophiolitic sequences, Alpine-type ultramafic rocks may be considered fragments of subcontinental mantle or oceanic crust or mantle. Bucher-Nurminen (1991) interpreted peridotites of the Scandinavian Caledonides interleaved with predominantly continental-derived metamorphic rocks, including quartzite and quartz-rich mica schist, as fragmented subcontinental mantle material. However, in eastern Alaska and the Yukon, the ultramafic rocks are generally associated with marine sedimentary, as well as other sedimentary rocks that are partly derived from juvenile island arcs. The sediments were most likely deposited in an oceanic back-arc basin, so that the ultramafic rocks associated with them probably represent fragments of oceanic crust or mantle.

12.

Relative Information :

re: (KMA) Kluane Metamorphic Assemblage - formerly the "Kluane Shists".

Extracts from Geological Survey of Canada / Paper 77-8:
- Reconnaissance Rock Geochemistry by D.J. Tempelman-Kluit & R. Currie.

Fieldwork was conducted during 1970, 71 & 72. The information was anticipated to have value as a guide to identifying areas of potential economic importance. In several instances throughout the report it is mentioned that the Kluane Shists appears to be an unexciting area for exploration. Even though there are many high metal backgrounds there has been little activity to date. (The Killermun Lake property is now one exception.)

The fact that the area is subject to heavy overburden as well as being in a glaciated area may have contributed to past lack of interest. The Kluane Shist has anonymously high zinc, molybdenum, silver, copper & arsenic. Tempelman-Kluit also notes that while most elements have high readings in the shist, that only copper has high stream sediment data. It is presumed that other minerals are more mobile than copper and therefore more readily dispersed in the sediments. He also states that the Kluane shists are physically continuous with the Yukon crystalline terrane, and is part of the Coast Plutonic Complex. The shist is described as a staurolite-biotite-quartz shist which is probably the metamorphosed equivalent of the Dezadeash Group, a Jura-Cretaceous flysch.

Extracts: Report by Jochan E. Mezger
- KMA (Yukon Exploration & Geology 1999).

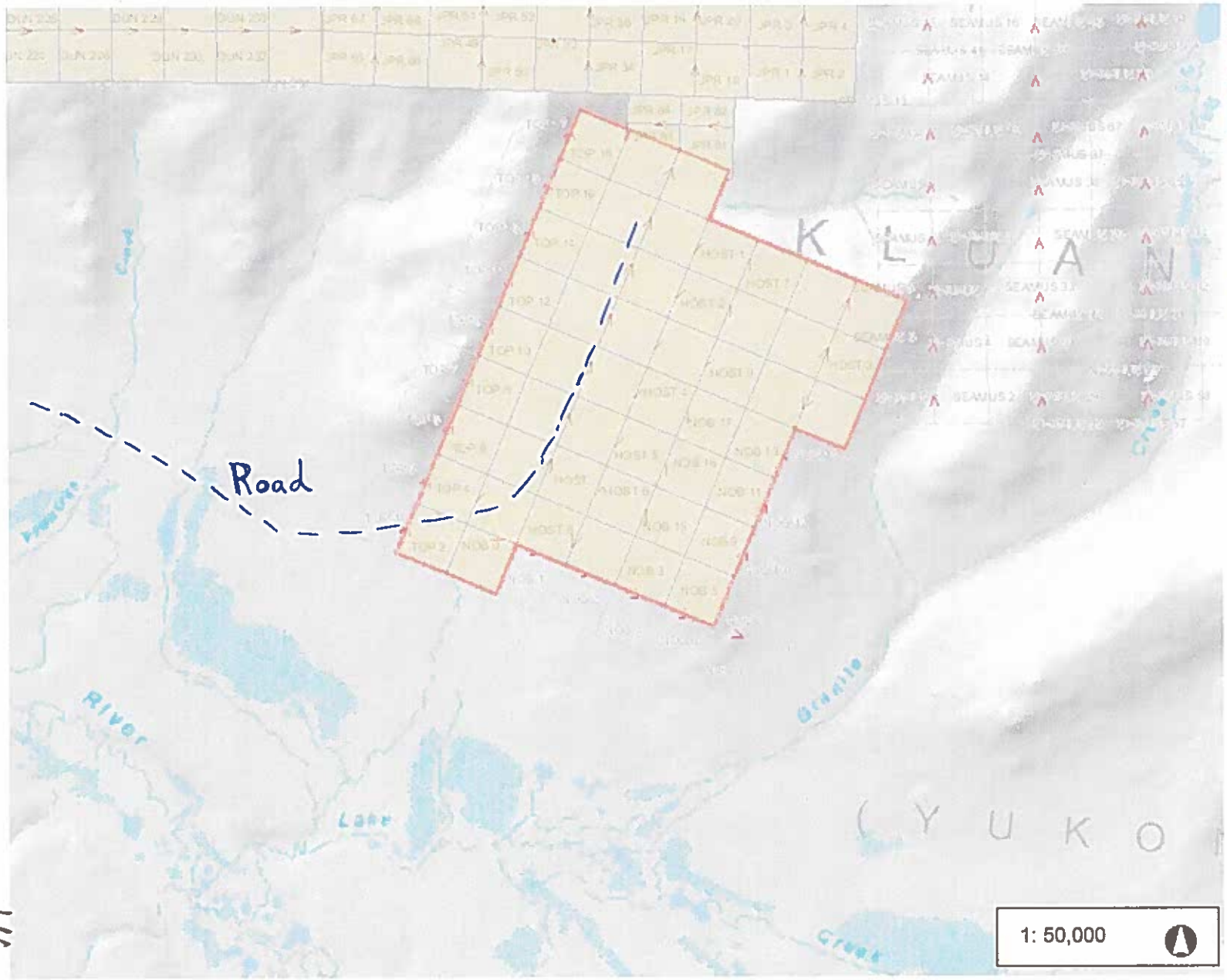
The report contains a lot of info that is beyond my comprehension such as oxygen isotope data and so forth.

The KMA is a 150 km belt that is wedged between the Yukon-Tanana Terrane and the Insular Superterrane in the northern Coast Belt. Olivine serpentinites are serpentized dunites that occur as lens-shaped bodies, inter layered along strike with the mica-quartz shist. Alpine type placement is suggested. It is assumed that tectonic juxtaposition of shist and ultramafic rocks occurred during collapse and subduction of a back-arc basin.

The ultramafic rocks are interpreted to be part of an oceanic crust that formed topographic highs during subduction and were subsequently sheared off. These were then tectonically inter leavened with the metasedimentary rocks during the accretionary process. The rocks are generally fault-bounded, internally deformed and serpentinized. The shist and gneiss of the KMA are characterized by north to north-east dipping regional foliation and shallowly east-west plunging mineral lineation. It is also assumed that at least two earlier foliation overprints may have occurred.

The metasedimentary rocks are remarkably homogeneous in their geochemical and isotopic composition. Their protolith was derived from more than one provenance region and represents a mixing of evolved (continental) and juvenile (volcanic-arc) sources. It is assumed that the Denali Fault Zone is the location of a major suture or terrane boundary resulting from the collapse of a large oceanic basin or back-arc basin which extends from central Alaska to southern Yukon.

Yukon Geological Survey MapMaker Online



Legend

- Quartz Claims (50K)
  - Active and Pending
  - Expired
- Quartz Leases (50K)
- Adjoin Quartz
- Quartz Mining Land Use Permi
  - Class 3
  - Class 4
- Quartz Staking Direction
- Coal Exploration License
  - Active and Pending
  - Expired
- Coal Mining Lease
  - Active and Pending
  - Expired
- Surveyed Mineral Claims

N
E
S

115H-04

1: 50,000

5 0 1.27 2.5 Kilometers

kon Albers

oduced from: Yukon Geological Survey MapMaker Online

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Date Printed: 08-Jan-2015

Notes Host, Nob & Top claims overlying Ruby Creek.

4.1

Yukon
Energy, Mines and Resources

Renewal Certificate Number: QW29252

CERTIFICATE OF WORK
Form 5, Section 56
QUARTZ MINING ACT

Whitehorse Mining District

Claim Name	Grant Number	Renewal Term	Expiry Date
HOST	YC26231	3	06 Feb 2016
HOST	YC26232	3	06 Feb 2016
HOST	YC26233	3	06 Feb 2018
HOST	YC26234	3	06 Feb 2018
HOST	YC26235	3	06 Feb 2018
HOST	YC26236	3	06 Feb 2018
HOST	YC26237	3	06 Feb 2016
HOST	YC26238	3	06 Feb 2016
HOST	YC26482	3	20 Feb 2016
HOST	YC26483	3	20 Feb 2016
HOST	YC26484	3	20 Feb 2016
HOST	YC26485	3	20 Feb 2016
HOST	YC26486	3	20 Feb 2016
HOST	YC26487	3	20 Feb 2016
HOST 1	YC39058	3	16 Feb 2016
HOST 1	YC40224	3	12 Sep 2016
HOST 2	YC39059	3	16 Feb 2016
HOST 2	YC40225	3	12 Sep 2016
HOST 3	YC39060	3	16 Feb 2016
HOST 3	YC40226	3	12 Sep 2016
HOST 4	YC39061	3	16 Feb 2016
HOST 4	YC40227	3	12 Sep 2016
HOST 5	YC39062	3	16 Feb 2016
HOST 5	YC40228	3	12 Sep 2016
HOST 6	YC39063	3	16 Feb 2016
HOST 6	YC40229	3	12 Sep 2016
HOST 7	YC39064	3	16 Feb 2016
HOST 7	YC40230	3	12 Sep 2016
HOST 8	YC39065	3	16 Feb 2016
HOST 8	YC40231	3	12 Sep 2018
HOST 9	YC39066	3	16 Feb 2016
HOST 9	YC40232	3	12 Sep 2016
NOB 0	YD19040	3	13 Oct 2015
NOB 3	YD19043	3	13 Oct 2015
NOB 5	YD19045	3	13 Oct 2015
NOB 9	YD19049	3	13 Oct 2015
NOB 11	YD19051	3	13 Oct 2015
NOB 13	YD19053	3	13 Oct 2015

15.

Yukon
Energy, Mines and Resources

Renewal Certificate Number: QW29252

CERTIFICATE OF WORK
Form 5, Section 56
QUARTZ MINING ACT

Claim Name	Grant Number	Renewal Term	Expiry Date
NOB 15 - 17	YD19055 - YD19057	3	13 Oct 2015
TOP 2	YE54572	3	13 Oct 2015
TOP 4	YE54574	3	13 Oct 2015
TOP 6	YE54576	3	13 Oct 2015
TOP 8	YE54578	3	13 Oct 2015
TOP 10	YE54580	3	13 Oct 2015
TOP 12	YE54582	3	13 Oct 2015
TOP 14	YE54584	3	13 Oct 2015
TOP 16	YE54586	3	13 Oct 2015
TOP 18	YE54588	3	13 Oct 2015

This is to certify that an affidavit setting out a detailed statement of work done on the above claim(s) since the 15 day of September 2012 has this day been filed in my office; and in pursuance to the provisions of the Quartz Mining Act, I do now issue this certificate of work in respect of the above claim(s) to:

Bradley D. MacKinnon 100.00 %

Work has been done on the said claims under the following grouping number(s):
HW07456

This certificate entitles the owners to continue in possession of the said claims.

Receipt Number: MRWH697 Fees: $750.00 Filing Date: 11 October 2012	Glenna Southwick Whitehorse Mining Recorder

16.

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

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Client: **Big Bud Contracting**
Box 5407
Haines Junction YT Y0B 1L0 CANADA

Submitted By: Brad MacKinnon
Receiving Lab: Canada-Whitehorse
Received: November 10, 2014
Report Date: December 10, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI14000268.1

CLIENT JOB INFORMATION

Project: RUBY
Shipment ID:
P.O. Number
Number of Samples: 33

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	33	Dry at 60C			WHI
SS80	33	Dry at 60C sieve 100g to -80 mesh			WHI
AQ202	33	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN
DISP2	33	Heat treatment of Soils and Sediments			WHI

ADDITIONAL COMMENTS

Invoice To: Big Bud Contracting
Box 5407
Haines Junction YT Y0B 1L0
CANADA

CC:

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Project: RUBY
Report Date: December 10, 2014

CERTIFICATE OF ANALYSIS WHI14000268.1

	Method	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
013-1	Soil	0.5	40.6	4.1	83	<0.1	43.5	11.7	339	3.05	6.0	11.6	3.0	25	0.1	0.1	0.1	62	0.38	0.107	10
013-2	Soil	0.7	53.1	4.2	119	0.1	57.0	17.9	508	4.45	18.0	3.9	2.9	36	<0.1	0.1	0.2	117	0.64	0.088	10
013-3	Soil	0.6	57.6	4.8	102	0.2	52.1	18.0	498	4.00	12.3	61.8	3.1	30	0.2	0.2	0.2	100	0.53	0.100	11
013-4	Soil	0.6	63.7	5.0	100	0.1	58.8	19.2	472	3.95	10.1	8.3	3.5	31	0.2	0.2	0.2	102	0.45	0.094	15
013-5	Soil	0.6	37.8	5.3	100	0.1	44.1	21.3	439	3.71	10.4	23.4	2.5	29	0.2	0.1	0.3	93	0.53	0.085	11
013-6	Soil	0.6	39.6	4.5	103	0.1	51.1	19.0	521	4.09	10.0	5.2	3.1	30	<0.1	0.1	0.2	105	0.44	0.085	10
013-6.5	Soil	0.7	49.4	4.2	106	0.1	51.6	17.3	493	4.08	10.1	3.5	3.1	30	0.1	0.1	0.1	97	0.42	0.085	12
013-7	Soil	0.7	36.5	3.8	100	<0.1	43.5	15.3	441	3.76	8.6	3.0	2.9	26	<0.1	0.1	0.1	76	0.39	0.086	12
013-7.5	Soil	0.7	50.8	4.2	89	0.1	52.8	18.0	432	3.95	9.7	4.8	2.9	29	<0.1	0.2	<0.1	92	0.44	0.081	12
113-5	Soil	0.8	55.3	5.5	99	0.1	53.4	22.1	668	4.23	12.7	24.6	3.2	32	0.1	0.2	0.1	110	0.53	0.084	13
113-6	Soil	0.6	55.9	5.4	110	0.2	53.7	19.2	516	4.25	11.1	7.7	3.1	30	<0.1	0.2	0.1	102	0.43	0.090	15
113-6.5	Soil	0.5	38.3	4.2	103	0.1	47.7	15.7	415	3.60	9.5	3.4	2.6	27	0.1	0.1	<0.1	87	0.45	0.089	9
113-7	Soil	0.5	38.8	4.1	105	<0.1	47.4	15.7	451	4.13	8.3	5.0	2.8	29	0.1	<0.1	<0.1	88	0.45	0.090	11
113-7.5	Soil	0.9	51.3	4.9	103	<0.1	54.4	20.8	526	4.43	11.8	2.2	3.4	31	0.1	0.2	0.1	102	0.48	0.087	11
213-5.5	Soil	0.4	54.8	5.4	98	0.2	53.0	18.1	377	3.97	11.5	6.8	3.3	30	0.2	0.2	0.1	94	0.50	0.091	18
213-6	Soil	0.6	46.0	4.7	113	0.1	48.0	18.7	414	3.95	9.1	8.8	3.1	27	<0.1	0.2	<0.1	93	0.39	0.081	13
213-6.5	Soil	0.9	52.7	5.0	100	0.1	47.8	18.1	437	3.86	9.0	3.1	3.2	26	<0.1	0.1	0.1	87	0.40	0.080	12
213-7	Soil	0.7	46.0	4.3	88	0.1	46.6	16.6	457	3.74	9.1	6.1	3.2	29	0.1	0.2	0.1	90	0.46	0.079	13
S-005	Soil	1.9	128.2	4.9	158	0.1	76.8	19.9	520	8.13	157.9	6.6	7.3	41	0.3	0.2	0.2	130	0.32	0.124	32
S-006	Soil	1.4	58.5	6.3	117	0.2	56.3	27.7	601	5.75	109.7	3.8	3.5	35	0.3	0.2	0.2	144	0.49	0.125	13
S-007	Soil	1.8	119.2	6.4	211	0.2	115.7	27.9	579	8.06	133.9	3.0	4.3	65	0.4	0.2	0.1	129	0.31	0.115	14
S-008	Soil	0.7	60.0	4.5	110	<0.1	45.6	15.6	420	4.12	27.6	3.3	3.6	34	<0.1	0.1	0.1	106	0.42	0.109	12
S-009	Soil	0.6	60.9	4.1	116	<0.1	59.3	16.9	454	3.92	26.6	0.8	3.2	32	<0.1	0.1	0.1	102	0.43	0.114	10
S-010	Soil	1.3	100.4	7.0	181	0.1	132.8	27.1	493	5.63	124.2	4.0	4.5	32	0.4	0.3	0.1	103	0.41	0.124	29
S-011	Soil	0.4	45.5	3.6	82	<0.1	57.9	14.6	345	3.28	23.3	5.9	3.1	31	0.1	0.1	<0.1	82	0.44	0.111	10
S-013	Soil	2.0	156.2	8.8	256	0.3	183.9	39.5	549	7.54	164.3	4.6	6.8	42	0.5	0.2	0.2	130	0.43	0.192	34
S-015	Soil	1.2	97.7	10.0	153	0.3	100.2	25.2	538	4.72	94.0	4.2	6.7	33	0.3	0.2	0.2	120	0.42	0.145	24
CS-01	Soil	1.2	104.5	7.4	162	1.9	102.0	27.3	515	5.72	73.2	9706.9	5.2	39	0.2	0.2	0.1	124	0.36	0.113	24
CS-02	Soil	0.6	53.5	4.6	88	0.1	49.3	14.6	426	3.13	17.6	4.6	3.0	34	0.2	0.1	<0.1	83	0.52	0.094	11
ES-01	Soil	0.5	72.3	4.5	104	0.3	57.8	18.3	441	4.29	42.1	5.6	3.7	26	0.1	0.1	0.1	122	0.38	0.099	11

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Client: **Big Bud Contracting**
Box 5407
Haines Junction YT Y0B 1L0 CANADA

Project: RUBY
Report Date: December 10, 2014

CERTIFICATE OF ANALYSIS WHI14000268.1

	Method	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
013-1	Soil	55	1.08	163	0.090	<1	1.84	0.010	0.53	<0.1	0.01	5.0	0.2	<0.05	6	0.8	<0.2
013-2	Soil	94	1.55	308	0.160	1	2.80	0.013	0.66	<0.1	0.02	7.6	0.4	<0.05	10	0.6	<0.2
013-3	Soil	79	1.43	229	0.138	<1	2.44	0.012	0.52	<0.1	0.03	6.8	0.3	<0.05	8	0.8	<0.2
013-4	Soil	85	1.35	252	0.142	<1	2.55	0.013	0.47	<0.1	0.03	7.5	0.4	<0.05	8	1.1	<0.2
013-5	Soil	73	1.30	237	0.120	<1	2.33	0.013	0.31	<0.1	0.02	6.3	0.4	<0.05	8	0.8	<0.2
013-6	Soil	82	1.45	205	0.150	<1	2.43	0.013	0.59	<0.1	0.02	7.1	0.3	<0.05	8	1.2	<0.2
013-6.5	Soil	86	1.49	200	0.131	<1	2.51	0.014	0.58	<0.1	<0.01	6.5	0.3	<0.05	8	0.6	<0.2
013-7	Soil	70	1.18	175	0.113	<1	2.15	0.012	0.48	<0.1	0.01	5.8	0.3	<0.05	8	0.7	<0.2
013-7.5	Soil	74	1.34	234	0.125	<1	2.25	0.012	0.55	<0.1	0.02	6.5	0.3	<0.05	7	1.1	<0.2
113-5	Soil	79	1.40	243	0.131	<1	2.46	0.013	0.49	<0.1	0.02	7.1	0.3	<0.05	9	1.3	<0.2
113-6	Soil	82	1.47	250	0.120	1	2.69	0.013	0.46	<0.1	0.03	7.3	0.3	<0.05	9	0.7	<0.2
113-6.5	Soil	75	1.27	178	0.119	1	2.17	0.011	0.48	<0.1	<0.01	5.5	0.3	<0.05	8	<0.5	<0.2
113-7	Soil	76	1.37	217	0.135	1	2.24	0.013	0.59	<0.1	<0.01	6.4	0.3	<0.05	8	<0.5	<0.2
113-7.5	Soil	83	1.38	215	0.140	3	2.55	0.013	0.58	<0.1	0.02	7.4	0.3	<0.05	9	0.9	<0.2
213-5.5	Soil	72	1.26	223	0.120	<1	2.44	0.012	0.48	<0.1	0.04	7.1	0.3	<0.05	8	1.1	<0.2
213-6	Soil	78	1.27	203	0.135	<1	2.20	0.011	0.50	<0.1	0.03	6.8	0.3	<0.05	8	<0.5	<0.2
213-6.5	Soil	73	1.28	183	0.127	<1	2.31	0.012	0.43	<0.1	0.01	6.6	0.3	<0.05	8	<0.5	<0.2
213-7	Soil	68	1.22	191	0.128	2	2.23	0.014	0.40	<0.1	0.02	6.2	0.3	<0.05	8	<0.5	<0.2
S-005	Soil	90	1.44	282	0.177	<1	3.03	0.027	1.24	5.3	<0.01	9.9	0.6	0.12	11	1.1	<0.2
S-006	Soil	78	1.26	213	0.136	<1	2.26	0.010	0.56	0.6	0.04	6.8	0.4	<0.05	9	1.0	<0.2
S-007	Soil	97	1.52	331	0.172	<1	3.19	0.010	1.21	3.2	0.03	9.5	0.5	<0.05	12	0.8	<0.2
S-008	Soil	73	1.37	223	0.161	<1	2.45	0.017	0.84	0.7	<0.01	7.6	0.4	<0.05	9	<0.5	<0.2
S-009	Soil	74	1.36	194	0.163	<1	2.47	0.009	0.69	0.6	0.01	7.0	0.4	<0.05	8	<0.5	<0.2
S-010	Soil	65	1.20	208	0.121	<1	2.42	0.009	0.65	3.5	0.02	7.3	0.4	<0.05	8	1.2	<0.2
S-011	Soil	72	1.23	141	0.112	<1	1.96	0.015	0.48	0.3	0.02	6.0	0.3	<0.05	6	<0.5	<0.2
S-013	Soil	71	1.24	253	0.125	<1	3.54	0.009	0.66	2.1	0.05	8.6	0.5	<0.05	9	0.8	<0.2
S-015	Soil	88	1.43	281	0.107	<1	3.30	0.008	0.61	1.7	0.06	8.8	0.4	<0.05	11	<0.5	<0.2
CS-01	Soil	83	1.44	244	0.176	2	2.81	0.010	0.90	1.5	0.02	7.7	0.6	<0.05	9	<0.5	<0.2
CS-02	Soil	57	1.04	140	0.113	<1	1.90	0.011	0.43	0.2	0.02	5.5	0.3	<0.05	6	0.9	<0.2
ES-01	Soil	96	1.50	288	0.169	<1	2.80	0.008	1.04	0.8	0.01	11.1	0.4	<0.05	10	<0.5	<0.2

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Project: RUBY
Report Date: December 10, 2014

CERTIFICATE OF ANALYSIS WHI14000268.1

	Method	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Z-28	Soil	0.8	42.6	5.3	78	<0.1	50.9	16.4	436	3.09	11.8	11.9	2.7	59	0.2	0.2	<0.1	83	1.94	0.083	9
Z-34	Soil	0.5	35.8	3.5	51	0.1	40.8	13.8	359	2.42	9.2	5.8	2.0	43	0.2	0.2	<0.1	60	1.25	0.087	10
103-A	Soil	0.6	39.3	4.8	88	0.1	45.9	16.7	381	3.57	8.3	5.4	3.2	27	<0.1	0.1	0.1	84	0.39	0.082	13

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CERTIFICATE OF ANALYSIS WHI14000268.1

Method		AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Z-28	Soil	75	1.34	149	0.124	3	1.92	0.022	0.47	<0.1	0.04	5.4	0.3	<0.05	6	0.5	<0.2
Z-34	Soil	40	0.89	79	0.084	<1	1.25	0.018	0.25	<0.1	0.05	4.1	0.2	<0.05	4	<0.5	<0.2
103-A	Soil	65	1.22	181	0.132	2	2.21	0.011	0.45	<0.1	0.03	6.1	0.3	<0.05	7	<0.5	<0.2

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QUALITY CONTROL REPORT WHI14000268.1

	Method	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
S-008	Soil	0.7	60.0	4.5	110	<0.1	45.6	15.6	420	4.12	27.6	3.3	3.6	34	<0.1	0.1	0.1	106	0.42	0.109	12
REP S-008	QC	0.6	58.8	4.3	105	<0.1	41.9	14.2	390	3.85	26.4	1.7	3.3	35	<0.1	0.1	0.1	105	0.38	0.107	11
CS-01	Soil	1.2	104.5	7.4	162	1.9	102.0	27.3	515	5.72	73.2	9706.9	5.2	39	0.2	0.2	0.1	124	0.36	0.113	24
REP CS-01	QC	1.5	114.3	7.7	177	3.2	111.6	31.2	524	6.07	79.3	17345.5	5.5	43	0.2	0.2	0.1	130	0.38	0.114	25
Reference Materials																					
STD DS10	Standard	14.0	148.1	137.5	381	2.0	80.5	12.5	863	2.64	49.6	84.6	7.6	68	2.6	7.6	10.7	44	1.06	0.082	18
STD DS10	Standard	13.7	152.6	153.4	373	1.9	77.7	12.2	902	2.88	47.2	94.0	7.1	61	2.4	8.3	11.1	41	1.08	0.075	19
STD DS10	Standard	15.6	168.5	151.7	368	2.0	79.3	13.8	880	2.84	43.3	85.1	7.6	63	2.5	9.1	10.3	50	1.11	0.067	20
STD OXC109	Standard	1.5	34.8	11.0	42	<0.1	84.1	18.7	399	2.80	0.5	210.5	1.4	143	<0.1	<0.1	<0.1	52	0.76	0.112	13
STD OXC109	Standard	1.5	33.9	11.1	42	<0.1	78.8	18.6	379	2.88	0.6	214.0	1.5	140	<0.1	<0.1	<0.1	52	0.67	0.104	13
STD OXC109	Standard	1.8	33.8	10.4	36	<0.1	75.4	17.5	441	2.63	0.8	178.0	1.5	126	<0.1	<0.1	<0.1	51	0.73	0.111	13
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073	17.5
STD OXC109 Expected												201									
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	3	<0.01	<0.001	<1

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Big Bud Contracting**
Box 5407
Haines Junction YT Y0B 1L0 CANADA

Project: RUBY
Report Date: December 10, 2014

QUALITY CONTROL REPORT WHI14000268.1

	Method	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
S-008	Soil	73	1.37	223	0.161	<1	2.45	0.017	0.84	0.7	<0.01	7.6	0.4	<0.05	9	<0.5	<0.2
REP S-008	QC	79	1.23	226	0.154	<1	2.60	0.016	0.74	0.7	<0.01	7.0	0.4	<0.05	9	<0.5	<0.2
CS-01	Soil	83	1.44	244	0.176	2	2.81	0.010	0.90	1.5	0.02	7.7	0.6	<0.05	9	<0.5	<0.2
REP CS-01	QC	87	1.55	255	0.201	2	3.29	0.010	1.11	1.8	0.04	8.1	0.7	<0.05	10	<0.5	<0.2
Reference Materials																	
STD DS10	Standard	55	0.79	383	0.077	7	1.16	0.070	0.34	3.3	0.28	2.9	5.1	0.22	5	2.4	5.1
STD DS10	Standard	56	0.80	366	0.073	7	1.03	0.065	0.34	3.0	0.32	2.8	5.4	0.23	5	2.7	5.3
STD DS10	Standard	61	0.78	362	0.090	7	1.14	0.071	0.33	3.6	0.29	3.3	4.5	0.21	5	2.3	5.2
STD OXC109	Standard	55	1.64	57	0.368	2	1.63	0.726	0.44	0.2	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	57	1.54	53	0.376	<1	1.41	0.660	0.40	0.2	<0.01	1.2	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	62	1.52	60	0.413	2	1.41	0.606	0.37	0.2	<0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																	
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Big Bud Contracting**
Box 5407
Haines Junction YT Y0B 1L0 CANADA

Submitted By: Brad MacKinnon
Receiving Lab: Canada-Whitehorse
Received: November 10, 2014
Report Date: December 10, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI14000269.1

CLIENT JOB INFORMATION

Project: RUBY
Shipment ID:
P.O. Number
Number of Samples: 13

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	13	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ202	12	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN
AQ252_EXT_REE	1	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Big Bud Contracting
Box 5407
Haines Junction YT Y0B 1L0
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Big Bud Contracting**
Box 5407
Haines Junction YT Y0B 1L0 CANADA

Project: RUBY
Report Date: December 10, 2014

CERTIFICATE OF ANALYSIS WHI14000269.1

Method		WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
LR-00	Rock	1.14	0.2	5.0	2.4	125	<0.1	23.4	25.7	739	5.69	13.8	<0.5	0.4	89	<0.1	<0.1	<0.1	94	2.65	0.353
LR-01	Rock	1.03	<0.1	4.2	4.9	55	<0.1	13.9	32.3	409	2.67	39.4	4.4	4.1	58	0.1	<0.1	<0.1	55	2.03	0.075
LR-02	Rock	1.22	0.5	18.7	3.2	32	<0.1	22.1	6.7	185	1.50	21.1	1.5	2.0	9	<0.1	<0.1	<0.1	28	0.09	0.026
LR-03	Rock	1.19	<0.1	3.0	3.7	20	<0.1	3.1	1.5	225	0.76	13.2	0.5	0.2	17	<0.1	<0.1	<0.1	7	0.14	0.014
LR-04	Rock	1.20	0.1	9.2	4.6	143	<0.1	147.0	30.8	921	5.07	24.2	1.1	1.0	27	<0.1	<0.1	0.1	185	0.37	0.086
FZ-01	Rock	1.14	0.5	32.7	7.0	93	<0.1	48.7	14.5	383	3.55	72.6	7.2	5.1	16	<0.1	<0.1	0.1	67	0.25	0.100
FZ-02	Rock	1.09	0.7	62.3	2.7	72	<0.1	24.0	11.8	340	3.04	37.6	1.9	3.4	31	<0.1	<0.1	0.1	55	0.21	0.066
FZ-04	Rock	1.59	1.6	45.7	5.2	97	0.2	53.7	19.2	403	4.14	4.5	<0.5	5.3	15	0.5	<0.1	0.2	70	0.22	0.065
FZ-05	Rock	1.43	1.2	52.9	10.6	147	0.1	102.7	39.3	1613	3.80	258.6	7.8	5.6	36	0.2	0.6	0.3	69	0.43	0.101
FZ-06	Rock	1.45	0.9	38.6	8.5	105	<0.1	60.2	16.2	681	4.56	25.5	1.8	5.5	23	0.2	0.3	0.1	108	0.31	0.087
FZ-08	Rock	1.40	0.7	49.1	8.2	118	<0.1	64.4	24.3	573	3.75	24.3	10.2	3.9	98	0.1	0.3	0.1	65	0.59	0.195
DD-01	Rock	0.08																			
CS-01	Rock	1.52	0.6	49.0	4.9	87	<0.1	40.7	14.2	462	3.58	26.3	2.7	4.9	26	<0.1	<0.1	0.1	73	0.20	0.065

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PHONE (604) 253-3158

Client: **Big Bud Contracting**
Box 5407
Haines Junction YT Y0B 1L0 CANADA

Project: RUBY
Report Date: December 10, 2014

CERTIFICATE OF ANALYSIS WHI14000269.1

	Method	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ252	AQ252	AQ252
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Mo	Cu	Pb
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01	0.01	0.01
LR-00	Rock	6	18	3.21	484	0.229	<1	4.55	0.130	0.91	0.2	<0.01	16.5	0.2	<0.05	14	<0.5	<0.2			
LR-01	Rock	15	14	1.23	307	0.125	<1	1.84	0.084	0.52	0.1	<0.01	7.6	0.1	<0.05	6	<0.5	<0.2			
LR-02	Rock	5	23	0.40	63	0.034	<1	0.78	0.029	0.22	<0.1	<0.01	2.1	0.1	<0.05	2	<0.5	<0.2			
LR-03	Rock	1	3	0.18	55	0.022	<1	0.42	0.101	0.09	<0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2			
LR-04	Rock	7	461	4.94	207	0.119	<1	5.53	0.037	0.49	0.4	<0.01	21.6	0.1	<0.05	13	0.5	<0.2			
FZ-01	Rock	9	55	0.99	124	0.050	1	2.00	0.038	0.35	3.4	<0.01	5.1	0.1	<0.05	6	<0.5	<0.2			
FZ-02	Rock	12	45	0.90	174	0.101	<1	1.84	0.049	0.59	2.0	<0.01	4.1	0.2	<0.05	6	<0.5	<0.2			
FZ-04	Rock	10	51	1.17	171	0.088	2	2.11	0.031	0.69	0.1	<0.01	5.2	0.3	0.87	7	1.5	<0.2			
FZ-05	Rock	26	51	0.82	260	0.004	4	2.34	0.018	0.26	0.7	0.01	6.1	0.1	<0.05	7	<0.5	<0.2			
FZ-06	Rock	14	101	1.62	178	0.044	2	2.80	0.023	0.39	0.8	<0.01	7.2	0.2	<0.05	9	<0.5	<0.2			
FZ-08	Rock	25	45	0.97	101	0.011	3	2.29	0.026	0.21	2.2	<0.01	4.4	0.1	<0.05	7	<0.5	<0.2			
DD-01	Rock																		1.30	48.50	5.11
CS-01	Rock	12	54	1.06	197	0.113	<1	2.38	0.033	0.65	0.4	0.01	5.5	0.3	<0.05	7	<0.5	<0.2			

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CERTIFICATE OF ANALYSIS WHI14000269.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg
	Unit	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%
	MDL	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01
LR-00	Rock																				
LR-01	Rock																				
LR-02	Rock																				
LR-03	Rock																				
LR-04	Rock																				
FZ-01	Rock																				
FZ-02	Rock																				
FZ-04	Rock																				
FZ-05	Rock																				
FZ-06	Rock																				
FZ-08	Rock																				
DD-01	Rock	34.4	65	15.0	1.6	94	6.18	314.7	0.2	2.0	0.5	22.6	0.07	0.95	0.08	68	0.03	0.009	1.6	43.1	0.09
CS-01	Rock																				

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CERTIFICATE OF ANALYSIS WHI14000269.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn
	Unit	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1
LR-00	Rock																				
LR-01	Rock																				
LR-02	Rock																				
LR-03	Rock																				
LR-04	Rock																				
FZ-01	Rock																				
FZ-02	Rock																				
FZ-04	Rock																				
FZ-05	Rock																				
FZ-06	Rock																				
FZ-08	Rock																				
DD-01	Rock	402.2	0.002	5	0.53	0.004	0.09	<0.1	2.5	0.05	0.02	63	1.7	0.04	2.6	0.77	<0.1	0.06	0.03	4.7	0.2
CS-01	Rock																				

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Project: RUBY
Report Date: December 10, 2014

CERTIFICATE OF ANALYSIS WHI14000269.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Ta	Zr	Y	Ce	In	Re	Be	Li	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
	Unit	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
LR-00	Rock																				
LR-01	Rock																				
LR-02	Rock																				
LR-03	Rock																				
LR-04	Rock																				
FZ-01	Rock																				
FZ-02	Rock																				
FZ-04	Rock																				
FZ-05	Rock																				
FZ-06	Rock																				
FZ-08	Rock																				
DD-01	Rock	<0.05	1.9	1.52	3.6	0.02	<1	0.6	1.8	0.42	1.75	0.45	0.12	0.36	0.05	0.46	0.06	0.19	<0.02	0.17	0.02
CS-01	Rock																				

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CERTIFICATE OF ANALYSIS WHI14000269.1

Method		AQ252	AQ252
Analyte		Pd	Pt
Unit		ppb	ppb
MDL		10	2
LR-00	Rock		
LR-01	Rock		
LR-02	Rock		
LR-03	Rock		
LR-04	Rock		
FZ-01	Rock		
FZ-02	Rock		
FZ-04	Rock		
FZ-05	Rock		
FZ-06	Rock		
FZ-08	Rock		
DD-01	Rock	<10	3
CS-01	Rock		

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QUALITY CONTROL REPORT WHI14000269.1

	Method	WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
FZ-02	Rock	1.09	0.7	62.3	2.7	72	<0.1	24.0	11.8	340	3.04	37.6	1.9	3.4	31	<0.1	<0.1	0.1	55	0.21	0.066
REP FZ-02	QC		0.8	60.5	2.7	74	<0.1	24.7	11.2	335	3.02	37.8	1.5	3.3	31	<0.1	<0.1	0.1	54	0.22	0.067
Core Reject Duplicates																					
DD-01	Rock	0.08																			
DUP DD-01	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS10	Standard		14.2	149.4	156.3	356	1.7	77.7	13.0	892	2.80	42.4	73.0	8.3	71	2.7	8.7	13.1	46	1.10	0.072
STD OXC109	Standard																				
STD OXC109	Standard		1.5	37.3	12.2	40	<0.1	74.2	19.8	423	2.89	0.5	180.2	1.6	161	<0.1	<0.1	<0.1	50	0.76	0.101
STD DS10 Expected			14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected													201								
BLK	Blank																				
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
ROCK-WHI	Prep Blank		0.4	5.3	1.6	40	<0.1	6.3	3.9	513	1.80	0.8	2.1	2.2	27	<0.1	<0.1	<0.1	23	0.61	0.041
ROCK-WHI	Prep Blank		0.4	5.1	2.0	32	<0.1	3.2	3.5	485	1.71	<0.5	2.9	2.1	24	<0.1	<0.1	<0.1	21	0.57	0.037

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Project: RUBY
Report Date: December 10, 2014

QUALITY CONTROL REPORT WHI14000269.1

	Method	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ252	AQ252	AQ252
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Mo	Cu	Pb
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01	0.01	0.01
Pulp Duplicates																					
FZ-02	Rock	12	45	0.90	174	0.101	<1	1.84	0.049	0.59	2.0	<0.01	4.1	0.2	<0.05	6	<0.5	<0.2			
REP FZ-02	QC	12	44	0.89	180	0.103	<1	1.82	0.049	0.59	2.2	<0.01	4.1	0.2	<0.05	6	<0.5	<0.2			
Core Reject Duplicates																					
DD-01	Rock																		1.30	48.50	5.11
DUP DD-01	QC																		I.S.	I.S.	I.S.
Reference Materials																					
STD DS10	Standard																		15.07	151.98	154.78
STD DS10	Standard	19	54	0.79	350	0.090	8	1.12	0.073	0.34	3.2	0.31	2.9	5.2	0.29	4	2.8	4.7			
STD OXC109	Standard																		1.48	34.62	11.61
STD OXC109	Standard	13	61	1.46	60	0.381	<1	1.61	0.709	0.43	0.2	<0.01	1.4	<0.1	<0.05	5	<0.5	<0.2			
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01	14.69	154.61	150.55
STD OXC109 Expected																					
BLK	Blank																		<0.01	0.03	<0.01
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2			
Prep Wash																					
ROCK-WHI	Prep Blank	7	6	0.51	57	0.083	2	0.99	0.094	0.10	0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2	0.43	5.31	1.86
ROCK-WHI	Prep Blank	7	4	0.45	55	0.079	<1	0.91	0.091	0.10	0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2	0.37	5.28	2.15

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Client: **Big Bud Contracting**
Box 5407
Haines Junction YT Y0B 1L0 CANADA

Project: RUBY
Report Date: December 10, 2014

QUALITY CONTROL REPORT WHI14000269.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg
	Unit	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%
	MDL	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01
Pulp Duplicates																					
FZ-02	Rock																				
REP FZ-02	QC																				
Core Reject Duplicates																					
DD-01	Rock	34.4	65	15.0	1.6	94	6.18	314.7	0.2	2.0	0.5	22.6	0.07	0.95	0.08	68	0.03	0.009	1.6	43.1	0.09
DUP DD-01	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																					
STD DS10	Standard	368.8	1964	78.3	13.0	897	2.81	44.6	2.8	88.8	7.7	66.2	2.54	8.16	12.81	44	1.08	0.074	17.9	57.3	0.79
STD DS10	Standard																				
STD OXC109	Standard	40.9	17	74.3	19.5	427	2.83	0.3	0.6	169.8	1.6	141.7	0.05	0.04	<0.02	48	0.74	0.104	12.6	60.6	1.51
STD OXC109	Standard																				
STD DS10 Expected		370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073	17.5	54.6	0.775
STD OXC109 Expected										201											
BLK	Blank	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	<0.5	0.7	<0.01
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	40.9	9	6.5	4.2	527	1.84	0.5	0.4	1.7	2.2	22.4	0.07	0.03	0.02	22	0.57	0.043	6.1	6.5	0.55
ROCK-WHI	Prep Blank	34.6	13	3.5	3.7	499	1.80	0.4	0.3	1.3	2.1	21.4	0.05	<0.02	<0.02	21	0.52	0.038	6.2	5.1	0.48

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Project: RUBY
Report Date: December 10, 2014

QUALITY CONTROL REPORT WHI14000269.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn
	Unit	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1
Pulp Duplicates																					
FZ-02	Rock																				
REP FZ-02	QC																				
Core Reject Duplicates																					
DD-01	Rock	402.2	0.002	5	0.53	0.004	0.09	<0.1	2.5	0.05	0.02	63	1.7	0.04	2.6	0.77	<0.1	0.06	0.03	4.7	0.2
DUP DD-01	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																					
STD DS10	Standard	363.4	0.079	7	1.10	0.073	0.33	3.2	3.1	5.22	0.28	309	2.4	5.11	4.5	2.71	<0.1	0.07	1.65	28.7	1.5
STD DS10	Standard																				
STD OXC109	Standard	59.6	0.393	1	1.59	0.711	0.42	0.2	1.2	0.04	<0.02	<5	<0.1	<0.02	5.7	0.18	<0.1	0.26	1.10	14.5	1.1
STD OXC109	Standard																				
STD DS10 Expected		359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3	2.63	0.08	0.06	1.62	27.7	1.6
STD OXC109 Expected																					
BLK	Blank	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	0.04	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	60.1	0.062	<1	0.99	0.099	0.10	0.1	2.8	<0.02	0.02	<5	<0.1	<0.02	4.0	0.09	<0.1	0.15	0.18	2.4	0.3
ROCK-WHI	Prep Blank	58.7	0.061	<1	0.95	0.105	0.11	0.1	2.5	<0.02	0.02	<5	<0.1	<0.02	3.8	0.06	<0.1	0.15	0.16	2.5	0.2

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QUALITY CONTROL REPORT WHI14000269.1

		Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Analyte	Ta	Zr	Y	Ce	In	Re	Be	Li	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
		Unit	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Pulp Duplicates																						
FZ-02	Rock																					
REP FZ-02	QC																					
Core Reject Duplicates																						
DD-01	Rock	<0.05	1.9	1.52	3.6	0.02	<1	0.6	1.8	0.42	1.75	0.45	0.12	0.36	0.05	0.46	0.06	0.19	<0.02	0.17	0.02
DUP DD-01	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																						
STD DS10	Standard	<0.05	2.6	8.40	38.5	0.22	49	0.6	19.0	4.03	16.14	3.03	0.57	2.25	0.28	1.65	0.33	0.86	0.13	0.79	0.11
STD DS10	Standard																					
STD OXC109	Standard	<0.05	19.0	4.22	24.7	<0.02	<1	0.8	2.3	2.69	9.69	1.58	0.52	1.39	0.16	0.86	0.14	0.38	0.05	0.29	0.04
STD OXC109	Standard																					
STD DS10 Expected			2.8	7.77	37	0.23	50	0.63	19.4	3.89	14.07	2.51	0.48	1.97	0.29	1.53	0.29	0.79	0.11	0.74	0.11
STD OXC109 Expected																						
BLK	Blank	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
BLK	Blank																					
Prep Wash																						
ROCK-WHI	Prep Blank	<0.05	4.3	7.89	12.9	<0.02	<1	0.2	2.4	1.66	7.03	1.34	0.29	1.52	0.22	1.40	0.31	0.78	0.13	0.82	0.11
ROCK-WHI	Prep Blank	<0.05	4.0	7.61	13.0	<0.02	<1	0.2	2.4	1.60	7.21	1.45	0.27	1.47	0.21	1.41	0.30	0.84	0.14	0.76	0.12

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Project: RUBY
Report Date: December 10, 2014

QUALITY CONTROL REPORT WHI14000269.1

	Method	AQ252	AQ252
	Analyte	Pd	Pt
	Unit	ppb	ppb
	MDL	10	2
Pulp Duplicates			
FZ-02	Rock		
REP FZ-02	QC		
Core Reject Duplicates			
DD-01	Rock	<10	3
DUP DD-01	QC	I.S.	I.S.
Reference Materials			
STD DS10	Standard	103	184
STD DS10	Standard		
STD OXC109	Standard	28	<2
STD OXC109	Standard		
STD DS10 Expected		110	191
STD OXC109 Expected			
BLK	Blank	<10	<2
BLK	Blank		
Prep Wash			
ROCK-WHI	Prep Blank	<10	<2
ROCK-WHI	Prep Blank	12	4

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Client: **Big Bud Contracting**
Box 5407
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Submitted By: Brad MacKinnon
Receiving Lab: Canada-Whitehorse
Received: November 10, 2014
Report Date: December 10, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI14000270.1

CLIENT JOB INFORMATION

Project: RUBY
Shipment ID:
P.O. Number
Number of Samples: 2

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	2	Crush, split and pulverize 500g rock to 200 mesh			WHI
FS631	2	Metallic Pulverize and Sieve 500g to 150 mesh			VAN
Split +150 mesh	2	Analysis sample split/packet			VAN
Split -150	2	Analysis sample split/packet			VAN
FS631	2	Metallics Fire Assay for Au	30	Completed	VAN
AQ252_EXT_REE	1	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Big Bud Contracting
Box 5407
Haines Junction YT Y0B 1L0
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Big Bud Contracting**
Box 5407
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Project: RUBY
Report Date: December 10, 2014

CERTIFICATE OF ANALYSIS WHI14000270.1

	Method	WGHT	M150	FA430	FS600	FS600	FS600	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Wgt	TotWt	-Au	TotAu	+Au	+Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
	Unit	kg	g	gm/t	gm/t	gm/t	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
	MDL	0.01	1	0.005	0.01	0.17	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
FZ-03	Rock	1.55	464	<0.005	<0.01	<0.17	18.01														
FZ-07	Rock	1.42	429	0.011	0.01	<0.17	18.65	1.07	60.03	10.74	125.6	153	60.0	19.0	569	4.67	7.6	3.7	1.0	5.8	105.4

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CERTIFICATE OF ANALYSIS WHI14000270.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
FZ-03	Rock																				
FZ-07	Rock	0.17	0.19	0.19	69	0.38	0.089	16.1	57.6	1.16	103.0	0.014	2	2.56	0.020	0.23	<0.1	4.9	0.28	0.04	16

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CERTIFICATE OF ANALYSIS WHI14000270.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pr	Nd	Sm
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	0.02	0.02	0.02
FZ-03	Rock																				
FZ-07	Rock	1.6	0.03	7.7	2.12	0.2	0.04	0.10	14.0	0.2	<0.05	0.5	22.11	33.5	0.04	<1	0.5	39.6	4.46	18.55	4.31

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CERTIFICATE OF ANALYSIS WHI14000270.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	10	2
FZ-03	Rock											
FZ-07	Rock	1.12	4.46	0.70	3.88	0.75	2.28	0.26	1.76	0.19	<10	<2

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QUALITY CONTROL REPORT WHI14000270.1

	Method	WGHT	M150	FA430	FS600	FS600	FS600	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Wgt	TotWt	-Au	TotAu	+Au	+Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
	Unit	kg	g	gm/t	gm/t	gm/t	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
	MDL	0.01	1	0.005	0.01	0.17	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5
Pulp Duplicates																					
FZ-07	Rock	1.42	429	0.011	0.01	<0.17	18.65	1.07	60.03	10.74	125.6	153	60.0	19.0	569	4.67	7.6	3.7	1.0	5.8	105.4
REP FZ-07	QC							1.04	59.13	10.40	123.6	141	59.3	18.9	574	4.70	7.4	3.5	1.1	5.8	101.0
Reference Materials																					
STD DS10	Standard							15.34	156.41	161.19	373.5	2009	77.1	13.5	925	2.79	45.3	2.7	71.2	7.7	64.6
STD OXC109	Standard							1.42	35.99	11.25	45.5	24	74.2	20.4	388	2.94	0.6	0.6	200.7	1.6	131.2
STD OXD108	Standard			0.418																	
STD OXI121	Standard			1.773																	
STD OXN117	Standard			7.696																	
STD OXP91	Standard					14.99	30.02														
STD OXP91 Expected						14.82															
STD DS10 Expected								14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1
STD OXC109 Expected																			201		
BLK	Blank					<0.17	30.00														
BLK	Blank			<0.005																	
BLK	Blank			<0.005																	
BLK	Blank							<0.01	<0.01	<0.01	0.1	4	0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5
Prep Wash																					
ROCK-WHI	Prep Blank		449	<0.005	<0.01	<0.17	17.07	0.49	9.40	3.85	46.6	11	1.2	3.9	511	1.81	0.3	0.4	0.5	2.3	23.4

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Big Bud Contracting**
Box 5407
Haines Junction YT Y0B 1L0 CANADA

Project: RUBY
Report Date: December 10, 2014

QUALITY CONTROL REPORT WHI14000270.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg
	Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb
	MDL	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5
Pulp Duplicates																					
FZ-07	Rock	0.17	0.19	0.19	69	0.38	0.089	16.1	57.6	1.16	103.0	0.014	2	2.56	0.020	0.23	<0.1	4.9	0.28	0.04	16
REP FZ-07	QC	0.16	0.19	0.19	69	0.37	0.088	15.7	58.0	1.15	96.1	0.014	2	2.61	0.020	0.23	<0.1	5.1	0.27	0.04	11
Reference Materials																					
STD DS10	Standard	2.35	7.78	11.02	46	1.07	0.072	17.0	61.2	0.78	390.8	0.085	9	1.07	0.071	0.34	3.6	2.9	5.28	0.29	322
STD OXC109	Standard	0.05	0.05	<0.02	50	0.69	0.103	11.7	61.1	1.39	56.1	0.376	1	1.50	0.675	0.44	0.2	1.3	0.03	<0.02	<5
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD OXP91	Standard																				
STD OXP91 Expected																					
STD DS10 Expected		2.49	8.23	11.65	43	1.0625	0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300
STD OXC109 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.02	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5
Prep Wash																					
ROCK-WHI	Prep Blank	0.07	<0.02	<0.02	24	0.58	0.043	6.3	3.3	0.46	70.6	0.085	2	1.05	0.132	0.13	0.2	3.2	<0.02	<0.02	<5

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Box 5407
Haines Junction YT Y0B 1L0 CANADA

Project: RUBY
Report Date: December 10, 2014

QUALITY CONTROL REPORT WHI14000270.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pr	Nd	Sm
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	0.02	0.02	0.02
Pulp Duplicates																					
FZ-07	Rock	1.6	0.03	7.7	2.12	0.2	0.04	0.10	14.0	0.2	<0.05	0.5	22.11	33.5	0.04	<1	0.5	39.6	4.46	18.55	4.31
REP FZ-07	QC	1.3	0.07	8.0	2.05	<0.1	0.02	0.09	13.7	0.3	<0.05	0.4	22.36	33.5	0.04	<1	0.5	40.7	4.38	19.04	4.54
Reference Materials																					
STD DS10	Standard	2.3	4.85	4.8	2.78	0.1	0.09	1.72	28.1	1.5	<0.05	3.0	7.78	37.6	0.22	54	1.1	20.0	3.85	15.76	2.78
STD OXC109	Standard	<0.1	<0.02	5.2	0.17	0.1	0.31	1.42	14.2	1.2	<0.05	20.8	3.80	23.3	<0.02	<1	0.7	2.2	2.36	9.29	1.60
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD OXP91	Standard																				
STD OXP91 Expected																					
STD DS10 Expected		2.3	5.01	4.3	2.63	0.08	0.06	1.62	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	3.89	14.07	2.51
STD OXC109 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<0.02	<0.02	<0.02
Prep Wash																					
ROCK-WHI	Prep Blank	<0.1	0.03	4.4	0.08	<0.1	0.19	0.24	2.7	0.3	<0.05	5.0	7.81	13.3	<0.02	<1	0.2	2.9	1.57	6.89	1.52

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Client: **Big Bud Contracting**
Box 5407
Haines Junction YT Y0B 1L0 CANADA

Project: RUBY
Report Date: December 10, 2014

QUALITY CONTROL REPORT WHI14000270.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	10	2
Pulp Duplicates												
FZ-07	Rock	1.12	4.46	0.70	3.88	0.75	2.28	0.26	1.76	0.19	<10	<2
REP FZ-07	QC	1.17	4.59	0.70	4.20	0.67	2.33	0.27	1.81	0.19	<10	<2
Reference Materials												
STD DS10	Standard	0.59	2.27	0.27	1.60	0.30	0.80	0.09	0.84	0.11	120	188
STD OXC109	Standard	0.41	1.02	0.13	0.94	0.12	0.42	0.04	0.36	0.03	<10	<2
STD OXD108	Standard											
STD OXI121	Standard											
STD OXN117	Standard											
STD OXP91	Standard											
STD OXP91 Expected												
STD DS10 Expected		0.48	1.97	0.29	1.53	0.29	0.79	0.11	0.74	0.11	110	191
STD OXC109 Expected												
BLK	Blank											
BLK	Blank											
BLK	Blank											
BLK	Blank	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<10	<2
Prep Wash												
ROCK-WHI	Prep Blank	0.31	1.56	0.24	1.64	0.29	0.90	0.12	0.81	0.10	<10	<2

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St.
Vancouver, BC Canada V6P 6E5
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Big Bud Contracting
Box 5407
Haines Junction, YT Y0B 1L0
CANADA

Invoice Date: November 26, 2014
Invoice Number: **VANI215228**
Submitted by: Brad MacKinnon
Email: bc_mackinnon@northwestel.net
Job Number: WHI14000268
Order Number:
Project Code: RUBY
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	SS80	Sieve 100g soil to -80 mesh	33	$2.35	$77.55
2	AQ202	30g Aqua Regia digestion ICP-MS	33	$23.60	$778.80
3	DISP2	Heat treatment of soils and sediment	33	$0.50	$16.50
			Net Total		$872.85
			Canadian GST		$43.64
			Grand Total	**CAD**	**$916.49**

Invoice Stated In Canadian Dollars

Payment Terms:

Due upon receipt of invoice. Please pay the last amount shown on the invoice.

For **cheque payments**, please remit payable to: Bureau Veritas Commodities Canada Ltd., 9050 Shaughnessy St. Vancouver BC, V6P 6E5
Please specify invoice number on cheque remittance.

For **electronic payments**, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Bureau Veritas Commodities Canada Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-001
Bank Transit # 10270-016
Swift Code: HKBCCATT

For payment in US Funds:
Bureau Veritas Commodities Canada Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-070
Bank Transit # 10270-016
Swift Code: HKBCCATT

Please specify invoice number for reference on transfer forms when making payment.
For any enquiries please contact us: AccountReceivableVAN@acmelab.com

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St.
Vancouver, BC Canada V6P 6E5
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Big Bud Contracting
Box 5407
Haines Junction, YT Y0B 1L0
CANADA

Invoice Date: November 27, 2014
Invoice Number: **VANI215342**
Submitted by: Brad MacKinnon
Email: bc_mackinnon@northwestel.net
Job Number: WHI14000269
Order Number:
Project Code: RUBY
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	PRP70-250	Crush and Pulverize 250 g	13	$7.20	$93.60
2	PRP70-250	Overweight prep charges per 100g	40	$0.07	$2.80
3	AQ202	30g Aqua Regia digestion ICP-MS	12	$23.60	$283.20
4	AQ252-EXT-REE	30g Full Suite (53 Elements) + REEs	1	$37.00	$37.00
5	DRPLP	Dispose or return handling of pulps	13	$0.10	$1.30
6	DRRJT	Dispose or return handling of reject	13	$0.35	$4.55
				Net Total	$422.45
				Canadian GST	$21.12
				Grand Total CAD	**$443.57**

Invoice Stated In Canadian Dollars

Payment Terms:

Due upon receipt of invoice. Please pay the last amount shown on the invoice.

For **cheque payments**, please remit payable to: Bureau Veritas Commodities Canada Ltd., 9050 Shaughnessy St. Vancouver BC, V6P 6E5
Please specify invoice number on cheque remittance.

For **electronic payments**, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Bureau Veritas Commodities Canada Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-001
Bank Transit # 10270-016
Swift Code: HKBCCATT

For payment in US Funds:
Bureau Veritas Commodities Canada Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-070
Bank Transit # 10270-016
Swift Code: HKBCCATT

Please specify invoice number for reference on transfer forms when making payment.
For any enquiries please contact us: AccountReceivable.VAN@acmelab.com

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St.
Vancouver, BC Canada V6P 6E5
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Big Bud Contracting
Box 5407
Haines Junction, YT Y0B 1L0
CANADA

Invoice Date: December 9, 2014
Invoice Number: **VANI216125**
Submitted by: Brad MacKinnon
Email: bcmackinnon@northwestel.net
Job Number: WHI14000270
Order Number:
Project Code: RUBY
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	PRP70-500	Crush and Pulverize 500 g	2	$8.25	$16.50
2	PRP70-500	Overweight prep charges per 100g	11	$0.07	$0.77
3	FS631	Metallic FA with single 30g minus	2	$44.00	$88.00
4	AQ252-EXT-REE	30g Full Suite (53 Elements) + REEs	1	$37.00	$37.00
5	DRPLP	Dispose or return handling of pulps	2	$0.10	$0.20
6	DRRJT	Dispose or return handling of reject	2	$0.35	$0.70
			Net Total		$143.17
			Canadian GST		$7.16
			Grand Total	**CAD**	**$150.33**

Invoice Stated In Canadian Dollars

Payment Terms:

Due upon receipt of invoice. Please pay the last amount shown on the invoice.

For **cheque payments**, please remit payable to: Bureau Veritas Commodities Canada Ltd., 9050 Shaughnessy St. Vancouver BC, V6P 6E5
Please specify invoice number on cheque remittance.

For **electronic payments**, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Bureau Veritas Commodities Canada Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-001
Bank Transit # 10270-016
Swift Code: HKBCCATT

For payment in US Funds:
Bureau Veritas Commodities Canada Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-070
Bank Transit # 10270-016
Swift Code: HKBCCATT

Please specify invoice number for reference on transfer forms when making payment.
For any enquiries please contact us: AccountReceivable.VAN@acmelab.com

Statement of Qualifications & References

I, Brad MacKinnon, of Haines Junction, in the Yukon Territory, HEREBY CERTIFY:

1. That I am a prospector and that I am familiar with the property area.

2. That I have been engaged in mineral exploration and development for over thirty years in the Yukon.

3. I am a sole proprietor and have operated my own placer mine for over twenty years.

4. Have taken various courses related to prospecting.

SIGNED at Haines Junction, Yukon, this 15th day of February 2014.

Brad Mackinnon

References:
W. P. LeBarge – M.Sc., P. Geol. 867-334-1461 or wlebarge@gmail.com

Ron Berdahl – Prospector 867-668-4963 rsberdahl@gmail.com

Ed Long – All In Exploration 867-332-4437 elong@northwestel.net

EMR – Steve Colp, Joe Hanrath, Terry Anderson at gov.yk.ca

Roger Hulstein – B.Sc., P. Geo. 867-335-1261 or rhulstein@goldgroup.com

Mike Power – M. Sc. P. Geo. 867-668-7672 Mike.Power@panarc-resources.com