Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Prospecting and Geochemical Assessment Report on the **TOTAL COST:** 25,730.64

AUTHOR(S): Timothy Johnson **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A **YEAR OF WORK:** 2017

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5675245

PROPERTY NAME: Porphyry Creek

CLAIM NAME(S) (on which the work was done): Sultana, Armagosa, Tina, Big Boru

COMMODITIES SOUGHT: Au, Ag, Cu, Mo, W

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093M 059, 060, 061, 064, 065, 066 and 068

MINING DIVISION: Omenica **NTS/BCGS:** 093M04E

LATITUDE: 55 ° 07 '40 " **LONGITUDE:** 127 ° 36 '03 " **(at centre of work)**

OWNER(S):

1) Kyler Hardy
Doug Warkentin

2) Tim Johnson

MAILING ADDRESS:

Tim Johnson 2674 Pylades Drive Ladysmith BC V9G 1E5

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OPERATOR(S) [who paid for the work]:

1) Lansdowne Holdings

2)

MAILING ADDRESS:

700-55 University Ave. Toronto On M5J 2H7

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Jurassic-Creataceous, Bowser Lake Group, Kasalka Group, Stocks, Porphyritic Granodiorite, Hornfels, Stockwork, Vein, Molybde

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 0092, 01134, 02855, 04839, 06849, 08332, 095

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	94	Sultana, Tina, Big Boru	14000
Silt			
Rock	14 Sultana + 18 Red Rose	Sulatna, Tina Big Boru, Armagosa	10730
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	24,730

Prospecting and Geochemical Testing Assessment Report

on the

Porphyry Creek Property

Omineca Mining Division, British Columbia

NTS Map Sheet 93M/04

Project Centre: UTM NAD 83, Zone 9,
590000 East, 6109000 North

Registered Owners: Kyler Hardy, Tim Johnson, Doug Warkentin.
Operators: Lansdowne Holdings

Project Tenure Numbers: 1037653, 1038181, 1044459, 1045275, 1045347, 1045348 1045349, 1045350, 1045351, 1045352, 1045353, 1045354, 1045355.

SOW Event Numbers: 5675245

Prepared By:

Timothy Johnson

Submitted: February 27 , 2018

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1 Introduction

This report outlines the results of prospecting and soil sampling completed on the Porphyry Creek property during August and September of 2017. The author completed and supervised the work complete in the Sultana Area of the property while the work on the Ridge Target in the Red Rose Area of the property was competed by Lorie Farrell P.Geo. The purpose of the work was to systematically follow up on geophysical anomalies identified by an airborne geophysical completed in July of 2010 (see figure 6 for geophysical anomalies) The program involved contour soil sampling and prospecting in the Sultana Area of the property and prospecting and mapping in the Red Rose Area.

1.1 Location and Access

The property lies within NTS map sheet 93M/04 with its geographic center at approximately Longitude 127°35'19" West, Latitude 55°07'10" North. It is located 10 km south of New Hazelton, and 40 km northwest of Smithers, which was used as a base of operations for the 2014 exploration program.

Figure 1 - Porphyry Creek Location Map

The Porphyry Creek project is a mineral property located along the rugged Rocher Deboule Mountain Range, south of New Hazelton, British Columbia. Direct road access into the area is limited, but services are readily available within 10 km of the property in New Hazelton and, about 40 km away, in Smithers. Parts of the property have limited ground access via poorly maintained 4WD roads and rough trails, but much of it is only accessible by helicopter. Past producing mines in the area are at high elevation, and glaciers cover some of the peaks.

The main road accessing the property is the old Rocher Deboule mine road, with branches accessing the Red Rose Mine and the Armagosa prospect. This road follows Juniper Creek northeast from Skeena Crossing on the Yellowhead highway about 10 km south of New Hazelton. The road is not maintained and is presently washed out in several locations, and is only passable by 4WD for about five kilometres beyond the highway intersection. Beyond that it is seasonally passable by All-Terrain Vehicle (ATV). An old exploration road also provides potential ATV access to the Sultana area from the east, along the south fork of Boulder Creek, in the south-eastern portion of the property, although its condition is also very poor.

1.2 Mineral Tenure

The Porphyry Creek project consists of 13 MTO claims covering an area of 4,811 hectares located within the Omineca Mining Division of northwest British Columbia. These claims are tabulated in Table 1 and graphically outlined in Figure 2

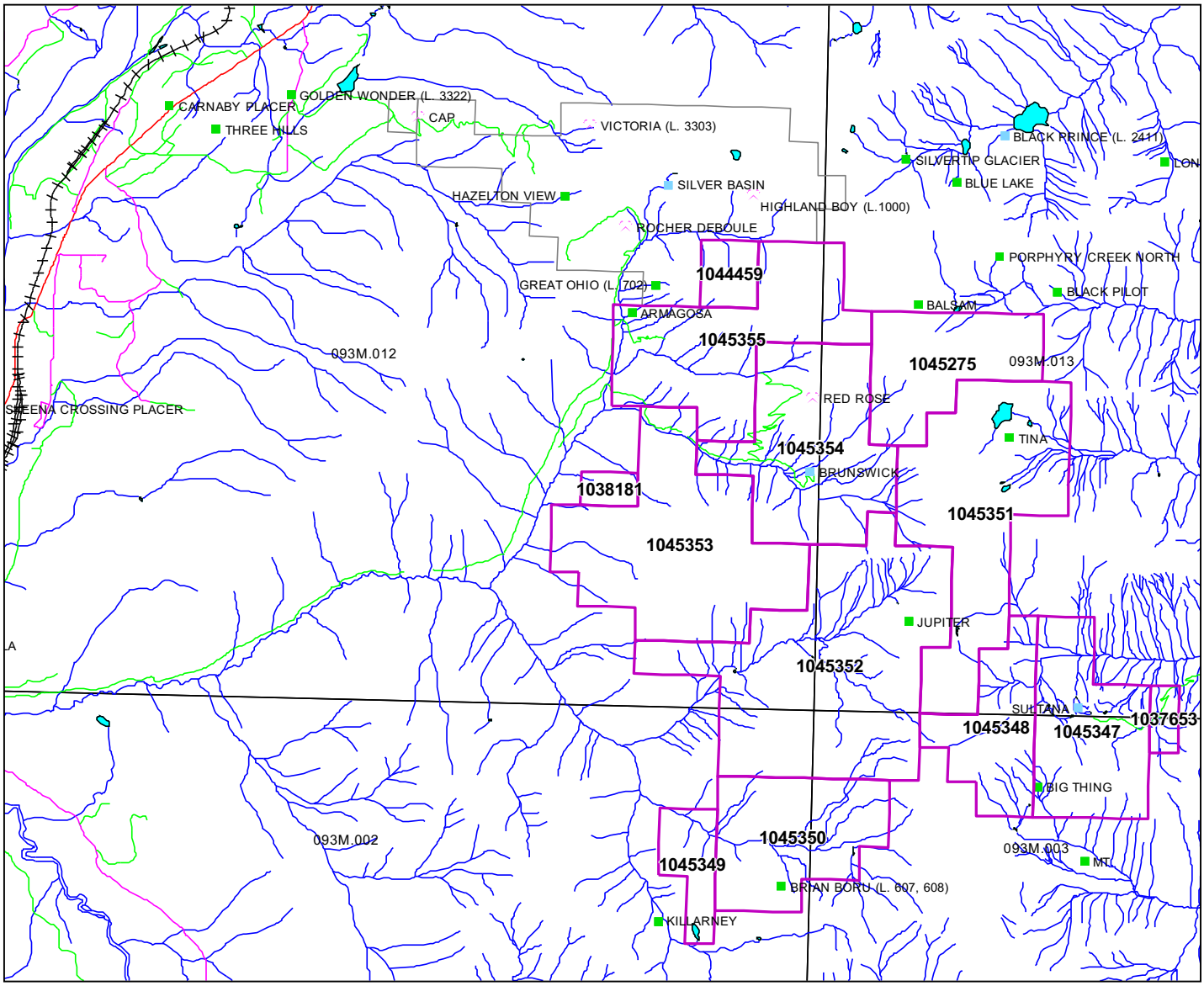


Figure 2 – Porphyry Creek Project Tenures

Table 1 – Porphyry Creek Project Tenures

Title Number	Claim Name	Map Number	Issue Date	Good to Date	Area
1037653	East Sultana	93M	2015/aug/01		37.0
1038181	Slater NW	93M	2015/aug/25		37.0
1044459	Ohio East	93M	2016/jun/01		73.9
1045275	Porphyry	93M	2016/jul/11		314.3
1045347	Sultana	93M	2016/jul/15		370.2
1045348	Big Boru	93M	2016/jul/15		259.1
1045349	Killarney	93M	2016/jul/15		111.1
1045350	Brian Boru	93M	2016/jul/15		370.4
1045351	Tina	93M	2016/jul/15		647.4
1045352	Juniper	93M	2016/jul/15		906.9
1045353	Slater	93M	2016/jul/15		666.0
1045354	Brunswick	93M	2016/jul/15		517.9
1045355	Armagosa	93M	2016/jul/15		499.2

1.2.1 Ownership

The tenures are held jointly by the author (60%), Timothy Johnson (20%) and Kyler Hardy (20%). Two additional partners have an agreement to acquire an equal interest in the portion of the claims owned by the author. The MTO claims that make up the property overlap a small group of active crown-granted mineral claims that surround the past-producing Red Rose tungsten mine. This group consists of 15 crown granted claims and fractional claims covering 182 hectares lying within the northern portion of MTO claim 1045354. The exact suite of minerals granted with these claims has not been investigated, but it is assumed that this area is fully excluded from the property.

1.2.2 Option Agreement

In February of 2017 the owners agreed to option the claims to Lansdowne Holdings, a private company seeking a Canadian Securities Exchange listing. The terms for the option agreement include payment of $60,000 and the issuance of 1,800,000 shares of the company over a 24-month period. The vendors also retain a 2% NSR.

1.3 Climate and Physiography

The property includes many high elevation peaks, steep ridges and talus slopes that are free of forest cover; valleys and lower slopes are generally heavily forested. The relief is very mountainous, with elevations ranging from below 900 m to almost 2,400 m above sea level.

The Rocher Deboule Range is located on the eastern edge of the much larger Coast Mountain Range resulting in a mix of coastal and interior British Columbia weather patterns. Climate in the Hazelton area is reported as semi-arid and annual precipitation is less than 51 centimetres per year. However, the core of the Porphyry Creek property is significantly higher, and correspondingly experiences far more dramatic and inclement weather patterns.

Since there are heavy snow accumulations in winter, the recommended exploration work season for high elevations is between July and September. Lower elevation zones can be explored from

May through October. It should be noted that accumulation of deep snow at higher elevations could result in a heavy spring runoff. With the onset of summer, snow melting is rapid and by July most of the property is snow free, apart from isolated areas of permanent snowfield. The summer months tend to be dry and hot, though pacific coastal storms do occasionally reach inland.

1.4 Property History

The area has had a long history of exploration and development, dating back to at least 1910. Between 1915 and 1954 the area saw substantial production from the Rocher Deboule and Red Rose mines, as well as lesser production from the Victoria, Cap, Highland Boy and Brunswick mines (Sutherland Brown, 1960). Exploration has been intermittent since the closing of these mines, with some substantial exploration programs occurring in the 1980's on the neighbouring Rocher Deboule/Victoria and Red Rose properties, and at the Killarney/Jones prospects (Brian Boru area) within the current project boundaries. Key points in the history of the property's developed prospects are as follows.

Sultana Prospect

- First acquired by the Brewer Brothers in 1912, where considerable surface work was performed
- Abandoned, then restaked in 1921 by Messrs. Macdonald and Hicks, who expanded on the surface work and found 'ore' from 4 to 20 feet wide over a length of 125 feet.
- Optioned in 1923 to Granby Consolidated Mining and Milling Co. Ltd, who drilled one hole and then dropped the property.
- Restaked in 1939 by G. Christensen of Hazelton who did a small amount of surface work.
- Restaked again by G. Parent and associated of Hazelton in 1951.
- Work done by C.H.Macdonald in 1953, when the property was under option to Northern BC Mining Co. Ltd., who sampled several quartz-silver outcrops in the trenches.
- Property restaked in 1956 by J.W.Bryand and Bert Spisak for Canusa Mining Corp and renamed Snowshoe 1 to 8. Several short holes were drilled.
- Split into Silver Tip claims, staked in 1966/67 by C.E.Calson and Victor Bartell, and the 'S' claims staked in 1970 for Sultana Silver Mines Ltd., Sultana Silver drilled 5 short holes in 1968 and 3 deeper holes in 1969 (this group of claims included the MT Minfile occurrence).
- Detailed I.P., Geological and Geochemical survey conducted by Sultana Silver Mines in 1970.
- Acquired in 2009 by Duncastle Gold Corp, drilled a total of 3925 meters in 9 holes, conducted airborne electromagnetic, magnetic and radiometric surveys and soil geochemistry.

Brian Boru Prospect

- Brian Boru first discovered in 1914-15 as a series of irregular sphalerite-pyrite veins containing variable amounts of lead, zinc, arsenic and gold.
- GAM claims staked in 1979 by Asarco Inc. Who mapped it in 1980 at 1:5000 and conducted a soil sampling program and magnetometer survey. In 1981 this was followed up by VLF, IP and magnetic studies and a soil grid.
- Further geological and geochemical surveys were done in 1984, 1985 and 1987 by Noranda.
- Optioned in 2008 by Duncastle Gold Corp as part of Porphyry Creek property. A stream sediment survey was conducted in 2008. An airborne geophysical survey was conducted in 2010.

Brunswick Prospect

- Originally located in 1912 by J.Miller and sporadic work (locating veins, driving two small adits and possibly making small shipments of selected ore) was conducted prior to 1950.
- Acquired in 1950 by Skeena Silver Mines Ltd., who rehabilitated and extended old workings, drilled 4 holes and carried out additional prospecting. Additional small ore shipments were also made.
- Restaked in the early 1960's by J.T.Williamson, who conducted further geological mapping and sampling.

- Lower drift was advanced to 98 meters by Arcadia Exploration in 1972-73 under option.
- Staked in 1984 by R.Holland who prospected the surrounding area, finding an additional four mineralized vein systems.
- Optioned in 2008 by Duncastle Gold Corp. as part of the Porphyry Creek property. Prospecting and a stream sediment survey were conducted. An airborne geophysical survey was completed in 2010.

Table 1 - Summary of BC Minfile Occurrences on the Property

Occurrence	Status	Commodities	Production (tonnes)	Best Historical Grades (Date)
Armagosa	Showing	Cu, W		
Balsam	Showing	Cu		
Big Thing	Showing	Cu, Mo		
Brian Boru	Showing	Ag, Zn, Pb		220.5g/t Ag, 1.84% Pb, 11.27% Zn (1954)
Brunswick	Past Producer	Ag, Zn, Pb, Au, Cu	?	3802g/t Ag, 1g/t Au, 1.9% Cu, 17.3% Pb, 28.4% Zn (1954)
Jupiter	Showing	Cu, Mo		
Sultana	Prospect	Cu, Mo, Ag, Au		112oz/t Ag, 16% Cu, 0.06oz/t Au (1922)
Tina	Showing	Mo		

BC's Minfile database lists 8 separate occurrences on the Porphyry Creek property. A summary of the listed occurrences is given in Table 2. One of these occurrences, the Brunswick Mine, is listed as a prospect, but apparently had some minor production from two adits, driven to 20 and 52 meters and possibly from open cuts, prior to 1950. Development occurred mainly in the 1920's, and the total amount of ore produced is unknown, but 'thirty bags' of handpicked ore are reported from a later operator in 1954 (Kindle, 1954). Other occurrences that are reported to have some old development workings include the Armagosa, and the Brian Boru, consisting of small open cuts and short adits. The Sultana prospect has had more extensive past exploration, including substantial trenching (essentially small-scale mining) and limited drilling on a high grade silver vein (Campbell and Saunders, 1969 and 1970). This prospect was the main focus of an exploration and drilling program in 2010 and 2011 that identified extensive low grade copper and molybdenum mineralization below and to the northwest of the historical workings.

Beginning in 2008 Duncastle Gold Corp carried out geochemical and geophysical surveys over wider areas of the property, which was significantly larger than the current property area. This was followed by the drilling in the Sultana area. Areas on the west side of the property were prospected and a stream sediment geochemical survey was conducted in 2008. A property-wide airborne geophysical survey was carried out in 2010 that included magnetic, electromagnetic and radiometric measurements. Short site visits were also made to the MT showing, the Big Thing showing and various areas of geophysical interest around the Tina showing.

Other occurrences are alluded to in old reports which are not listed in Minfile and which have not yet been confirmed by site visits. These include Ag-Pb-Zn veins near the headwaters of Red Rose Creek (referred to as the Kaslo and Betty veins, ARIS 16012) upslope and to the east of the Brunswick Mine, and an Ag-Pb-Au vein (referred to as the Slate or Slater vein) south of Red Rose Creek near the divide between the Red Rose and Brian Boru basins (Ministry of Mines, 1914).

2 Geology

2.1 Regional Geology

British Columbia can be subdivided into five belts running roughly parallel with the north-westerly grain of the Cordillera. These five belts, from west to east, today are called the Insular, Coast, Intermontane, Omineca and Foreland belts accreted to North America (Figure 3). The most easterly of these, the Foreland Belt, is the youngest, being formed when Proterozoic and Paleozoic sedimentary rocks were thrust up onto the continental margin to form the Rocky Mountains. The Omineca Belt is composed primarily of Devonian-Mississippian magmatic island arc sequences formed on the edge of North America. The intermontane belt is a complex assemblage of Carboniferous to early Jurassic aged rocks which are largely arc-related. Younger arc-related magmatic activity continued into the Tertiary. The Coastal Belt which is composed of plutonic and metamorphic rocks forms the suture zone between the Intermontane Belt and the exotically derived Insular Belt (Campbell, 2010).

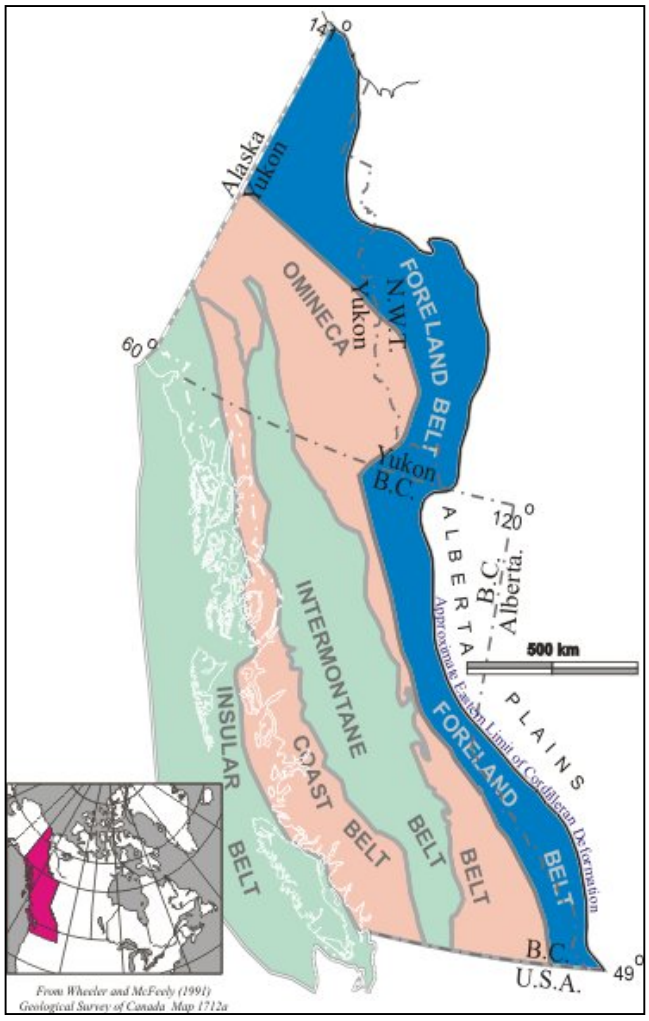
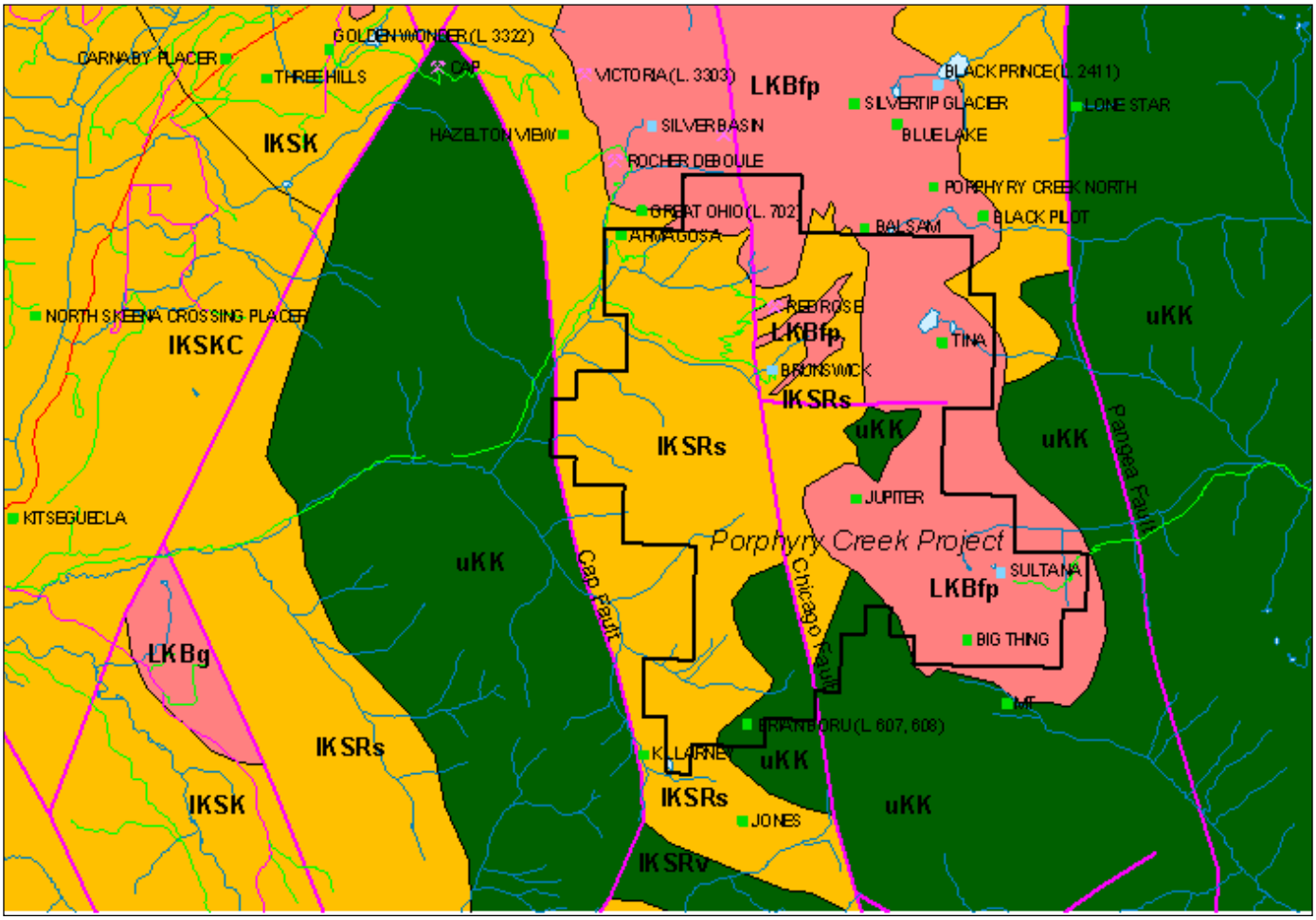


Figure 3 - Five Belt Framework of the Canadian Cordillera (Geological Survey of Canada)

The arc-related and complex nature of the rocks in the Intermontane Belt (in which the Porphyry Creek property lays) means that it hosts many economic porphyry deposits. The country rocks in the Porphyry Creek area are early Jurassic in age and are intruded by the Cretaceous Rocher

Deboule stock. This is the right timeframe for intense hydrothermal arc-related activity, making the prospects of discovering another mineral deposit very favourable.

Warkentin and Young (2008) report that the western part of the project area is underlain by the Lower Cretaceous Skeena Group - Red Rose Formation clastic sediments, and the Cretaceous Kasalka Group - Brian Boru Formation andesitic volcanics, while the eastern portion is underlain by Late Cretaceous Bulkley intrusives (the Rocher Deboule stock), which forms a massive, prominently jointed body of porphyritic (biotite and K-Spar phenocrysts) diorite. Aplite, pegmatite, porphyritic andesite, felsite, lamprophyre and granitoid dykes/sills are common throughout the pluton and extend into the surrounding country rock. NNW trending steeply dipping joint structures are prominent in the contact zone of the Cretaceous pluton and Jurassic volcanics/sediments. This NNW trending joint set parallels the contact, and there is a subsidiary set of joints perpendicular to the contact, which roughly traces the main mineral trend (i.e., 070° strike, moderate to steep N dip) of some of the historical deposits in the area.



LKBfp – Late Cretaceous Bulkley Plutonic Suite: feldspar porphyry intrusive rocks
LKBg – Late Cretaceous Bulkley Plutonic Suite: undivided intrusive rocks
lKSK – Lower Cretaceous Skeena Group: Kitsumkalum Shale, mudstone, siltstone, shale fine clastic sedimentary rocks
lKSKC – Lower Cretaceous Skeena Group: Kitsuns Creek Formation, coarse clastic sedimentary rocks
lKSRs – Lower Cretaceous Skeena Group: Red Rose Formation, coarse clastic sedimentary rocks
lKSRv – Lower Cretaceous Skeena Group: Rocky Ridge Formation, alkaline volcanic rocks
uKK - Cretaceous Kasalka Group: andesitic volcanic rocks

Figure 4 - Regional Geology of the Porphyry Creek Area

Several prominent faults traverse the area, including the N–S trending Cap, Chicago Creek and Pangea faults (Warkentin and Young, 2008). The east side of the Chicago Creek fault has been uplifted and displaced several hundred meters to the south. There is also at least one prominent cross fault, the Mill fault, which lies to the south of the Red Rose Mine on the east side of the Chicago Creek fault and may follow close to Red Rose Creek on the west side. The regional geology of the claim area is shown in Figure 4.

2.2 Local Geology

The Porphyry Creek project area is primarily underlain by argillites and greywacke of the Red Rose formation, and by andesitic volcanics of the Kasalka Group. The Red Rose sediments strike northeast and dip 45° southeast and have been altered to hornfels in the vicinity of the porphyrytic granodiorite intrusive body (the Rocher Deboule stock) that underlies much of the eastern part of the project area. Smaller dioritic intrusions occur in the area of the Red Rose mine and the Brunswick prospect (see Figure 4).

Several major faults cross the area, two of which appear to intersect west of the Brunswick prospect. The Chicago Creek fault is a major north-south normal fault with an estimated displacement of 600 to 900 meters. It has been traced over a total length of nearly 35 kilometres. The Mill fault trends east-southeast, following Red Rose creek. It appears to have been displaced several hundred meters to the south by the Chicago creek fault. The Cap fault, which is also a major north-south fault, lies along the western boundary of the project area. Finally, the Pangea fault is another fault with a large displacement that runs N-S a short distance to the east of the property (Sutherland Brown, 1960).

A smaller fault zone known as the Red Rose Shear runs roughly parallel to, and is likely subsidiary to, the Chicago creek fault in the area around the Red Rose mine. The Red Rose tungsten vein occurs where this shear passes through an intrusive tongue of diorite. Outside the diorite the shear is mainly a narrow seam. The full extent of this shear is unknown, but its trend projects towards additional diorite tongues to the south of the mine and recent airborne data suggests it may extend at least as far south as the Mill fault. The diorite is distinct from the much larger granodiorite intrusive and significant bodies have only been mapped at the Red Rose mine and around the headwaters of Red Rose creek (Sutherland Brown, 1960).

Mineralization associated with many of the principal occurrences in the area is in the form of base and precious metals in quartz veins located in fractures and shears related to northeast or northwest trending fault sets. Most of the known mineral occurrences (aside from the southern Brian Boru showings) lie within 1,000 meters of the contact of the Rocher Deboule intrusive stock with the surrounding country rock (Sutherland Brown, 1960). Significant historical production from the neighbouring Rocher Deboule and Red Rose mines was principally for copper and for tungsten, respectively, but small qualities of gold, silver, cobalt, molybdenum, lead and zinc have also been recovered from these and other smaller deposits (Kindle, 1954). In 2010, the Rocher Deboule intrusive stock itself was shown to host broad porphyry-style mineralization around the **Sultana** prospect, consisting of Cu and Mo in quartz-carbonate veinlets and rarely as disseminate blebs within the granodiorite. Vein and stockwork-type mineralization has also been identified in the northern part of the intrusive in the vicinity of the Roche Deboule mine.

Veins can vary widely in their mineralization. At the Red Rose mine the upper part of the vein contained mainly scheelite with minor amounts of chalcopyrite. At lower levels, chalcopyrite was much more abundant and there were values in gold and molybdenite (Sutherland Brown, 1960). At the Rocher Deboule mine, just outside the project boundary to the north, chalcopyrite was the principal economic mineral, with significant gold and silver values. At the Victoria mine, a short distance to the north, mineralization is primarily cobalt sulpharsenides with high gold values

(occurring as small specks scattered throughout the sulpharsenides), and minor molybdenite (Kindle, 1954). A gold-bearing vein lying below the Red Rose mine to the south also carries cobalt values, and may be of the Victoria type. At the **Brunswick** mine, which is located on the Porphyry Creek property southwest of the Red Rose mine, the quartz veins are mineralised mainly with galena, sphalerite and tetrahedrite, with lesser amounts of chalcopyrite (Holland, 1987).

In the **Brian Boru** Creek area, semi-massive to massive sulphide mineralization reportedly occurs at or near the contact between andesitic and rhyolitic volcanics and also in narrow veins containing base metal sulphides. Mineralization is primarily massive sphalerite and pyrrhotite with significant amounts of galena and chalcopyrite in some of the smaller veins (Warkentin and Young, 2008).

At the **Sultana** prospect the historic target was a silver-rich "stockwork" that was exposed at surface and had been trenched and sampled (Campbell and Saunders, 1969 and 1970). The underlying rock in this area is mostly weakly Cu-Mo mineralized diorite which is intruded by dyke swarms of varying composition. Silicified andesite dykes intrude parallel to the main mineralized trend and close to the silver rich vein stockwork. Also in the area, aplite, pegmatite, granite porphyry and hornblende dykes intrude the stock. These dykes are also mineralized with Cu-Mo and magnetite to varying degrees (ARIS report 2855).

The MT showing is located at the southern boundary of the Rocher Deboule stock. This was mapped in detail in 1967 (ARIS report 01134) as an extensively pyritized zone projecting southward from the stock into the Brian Boru formation volcanics. Country rock in this location varies from andesites to dacites with interstitial tuffs and agglomerates. Intruding into this volcanic sequence are three dyke swarms: altered feldspar porphyry, diorite and basalt.

Based on the known occurrences and historical exploration, there appear to be multiple potential sources of mineralization on the property.

Initial work on the property by the present owners (detailed in Warkentin, 2006) suggests a potential IOCG or skarn target in the volcanic-sedimentary stratigraphy on the western side of the property based on government RGS data and later stream sediment sampling, reconnaissance sampling of known occurrences and airborne geophysical data.

The most extensive recent work, conducted by Duncastle in 2010 and 2011, focused on the eastern side of the property and Cu-Mo mineralization associated with granodiorite to diorite intrusions which show a closer genetic relationship with a porphyry system.

The conceptual target was a zoned porphyry mineral system related to the intrusion of the Rocher Deboule stock, a large composite intrusion of granodiorite to quartz monzonite composition. Mineral occurrences include "proximal" intrusion-hosted, bulk tonnage Cu-Mo deposits and "distal" polymetallic veins and shears within the adjacent volcano-stratigraphy. In regional surveys the intrusion appears as a broad, 10 kilometre long aeromagnetic anomaly associated with the access of the stock. Mineral occurrences are distributed around the margins of the aeromagnetic anomaly.

Drilling at the Sultana occurrence in 2010 and 2011 cut weak to moderately sericite-chlorite+/-epidote altered medium grained granodiorite indicative of the phyllic-propylitic alteration zone surrounding a porphyry style deposit. Fracturing and vein density encountered in the drilling appeared to be insufficient to produce Cu-Mo grades above the 0.1% range over significant lengths in drill core. The holes drilled to date have shown pervasive low grade copper and molybdenum mineralization over an area of approximately 200 by 300 meters, and extending to depths of more than 400 meters. Average grades are sub-economic, in the range of 0.03 to 0.05% Cu and .002 to .003% Mo, although there are sections showing significantly higher grades.

In addition to the Sultana prospect, there are several other areas on the east side of the property showing a positive response on airborne geophysical surveys. These represent additional possible porphyry targets that have yet to be explored in any meaningful way. These areas are indicated in Figure 5.

On the west side of the property, the BC government regional geochemical survey (RGS) database indicates that stream sediment sample 93M831097, taken from the lower part of Red Rose Creek, carried values greater than the 95th percentile for Cu, Au, Fe and La. These are important indicator elements for IOCG systems and their values make this one of the highest ranked samples for IOCG indicator elements in BC. This sample is likely affected by its location downstream from a former tungsten mine, but the values for these metals as well as for secondary IOCG indicators are very high (generally greater than 99th percentile), and these elements are also elevated in other stream RGS samples in the area that should not have been affected by past mining, including 93M831390 and 93M831391. In addition to the primary indicators these samples also show elevated levels of other IOCG indicator minerals such as cobalt, uranium and other REEs besides lanthanum.

At the least, these values indicate the presence of a potentially significant source of polymetallic mineralization in this part of the property large enough to affect several drainages. Stream geochemistry carried out by Duncastle in 2008 confirmed high Cu, Au and Fe in many drainages, along with other indicator minerals, but lanthanum values were not generally as elevated. The overall geochemical signature remains suggestive of IOCG as one possible source, comparing with examples occurring in Cordilleran rocks in South America.

3 Past Exploration

3.1 Introduction

Exploration in the area has a long history, but since the end of production in the camp in the early 1950's, it was intermittent and mainly localized around known prospects prior to the acquisition and consolidation of the property by the current owners beginning in 2006. Section 1.4 provides a brief summary of the ownership and exploration history for the three most developed areas on the property. Additional details relevant to current interpretations are provided below.

Duncastle Gold optioned the property from the current owners in 2008. Previous to that the owners (Warkentin, 2006 and 2007) had compiled a historical database and conducted limited surface sampling in several high-grade target areas on the western portion of the property. A field program by Duncastle in 2008 continued to follow-up initial targets identified by the owners in the western portion of the property. Following significant additions to the eastern portion of the property by staking in 2009, additional historical data compilation was conducted in the winter of 2010 which identified several potential targets on the newer claims in the southeast. A 495 line-kilometre airborne geophysical survey was conducted over the newly consolidated property in 2010 (Campbell 2010) which identified multiple additional targets as summarized in Section 3.3. Duncastle then carried out a major exploration program, including a significant drill program totalling 3924 m at the Sultana prospect during 2010 and 2011.

3.2 Historical Exploration

Prior to 2006 the area was never explored as a single project, but could best be described as the southern and central portions of the Roche Deboule camp, which included two significant past producers, the Roche Deboule and Red Rose mines, and several other smaller shipping mines. The earliest recorded work in the area was just north of the property boundary at the Rocher Deboule and Great Ohio properties beginning in 1910. By 1915 a mill was in operation at the

Rocher Deboule mine and development work was underway at several other prospects, including the Red Rose, Armagosa, Brunswick and Brian Boru.

The Rocher Deboule mine produced more than 36,000 tonnes of ore before closing in 1918. The mine produced a further 12,000 tonnes during a brief period of operation in 1952. During this early period small pits and adits were developed on mineralized showings at the Armagosa and Brian Boru prospects, and a tunnel was developed on the high grade Brunswick vein. A vein was also reportedly explored on the ridge to the south of Red Rose Creek, but the exact location is unknown. On the Red Rose property a gold bearing vein was developed to the south of the later tungsten mine, which was discovered in the 1920's and produced 1 million kg of tungsten from 113,000 tonnes of ore in two periods of operation between 1942 and 1954.

The most relevant recent exploration for current project areas is described below.

3.2.1 Armagosa Creek

Little is known about the early exploration of this area, and the historical workings have not been described in detail in any published reports. There are reportedly two adits and a small shaft exploring a mineralized shear trending at 030 and dipping steeply to the northwest, following a steep ravine on the north side of Armagosa Creek. An entry in the 1912 BC Mines Annual Report mentions that the claims included part of the Great Ohio vein and two other veins 4 to 9 feet wide, the lower one carrying 2% copper. It is also reported that the area was explored in the early 1950's by Skeena Silver Mines Ltd. when veins containing Scheelite were discovered.

The only well documented exploration was by Southern Gold Resources Ltd. in 1987. As part of a larger exploration program at the Rocher Deboule mine to the north, talus fines and float were sampled along the north and south slopes of the ridge to the north of Armagosa Creek. Additional grab samples were collected from float and mineralized exposures in the vicinity of the Armagosa workings. Talus fines showed numerous strong Au, Cu, Pb and Ag anomalies along the north slope, most of which are now included within the current property boundaries. On the south slope, there was only one strongly anomalous sample for gold, although copper values were generally strong. One float sample of vein material, collected below the Armagosa workings, assayed 1.3 oz/t Au.

More recent exploration on the adjacent Rocher Deboule property reportedly discovered a well mineralized vein on the north side of the ridge, directly north of the Armagosa, a sample of which assayed over 20% Cu. The exact location is not known, but with recent staking this vein may now be within the property boundaries as well.

3.2.2 Brunswick/Red Rose Creek

The Brunswick mine was located in 1912 and developed by two adits, with most of the early development carried out in the 1920's. A few tonnes of high grade ore was reportedly shipped during this period. In the early 1950's Skeena Silver Mines Ltd. extended the lower adit and carried out underground diamond drilling. In 1972 and 73 Arcadia Explorations Ltd. extended the lower tunnel to a length of approximately 100 meters and carried out trenching on the slope above the adits. The upper adit follows a 0.3 to 0.6 m wide quartz vein well mineralized with galena and sphalerite and carrying high silver values. The lower adit is driven on a less mineralized fault that appears to be a different structure than the upper vein. The work in 1972 exposed some higher grade vein material in the wall rock, but it was not certain if it was the downward extension of the upper vein. Samples of the upper vein assayed up to 67 opt Ag, and

ore as high as 100 opt Ag was reported from the early development period. The vein was not seen in surface trenches on the slope above.

In 1986 prospecting by Catoosea Resources Corp. identified two additional veins in the vicinity of the Brunswick mine and three other veins in drainages to the southeast in the upper part of the Red Rose Creek basin. Beyond these small programs, no significant work has been reported in the Red Rose Creek area since the closing of the Red Rose mine in 1954.

3.2.3 Brian Boru Creek

The Brian Boru and surrounding prospects were originally staked in the period following the discovery of the Rocher Deboule deposit in 1910. The area saw considerable activity in that period and again in the 1920's. Multiple showings of lead and zinc with variable silver values were found in the basins of both the main creek and the south fork. Most were reported to be small lenses or veins of sphalerite and galena, but a more extensive flat lying band of spahlerite and pyrrhotite was reportedly developed with a 9 meter adit along the south slope of the north basin. This band was reported to be 4 feet wide and grade up to 20% zinc with some minor silver values.

There is no further record of work in this area until 1979, when the southern basin was staked by Asarco. This property included the Jones and Killarney Minfile occurrences but did not include the Brian Boru occurrence in the north basin. Between 1979 and 1985 Asarco, and later Noranda Exploration, conducted talus, rock and silt sampling, grid soil sampling and ground-based geophysics over much of the area. Numerous anomalies were found and some high grade occurrences were confirmed, but no significant ore zone was identified. Individual sample grades as high as 15% Zn and 20 opt Ag were reported.

3.2.4 Sultana

Originally staked in 1910, the first work recorded was a single diamond drill hole and work on open cuts carried out by Granby Consolidated in 1923. Canusa Mining completed several short drill holes in 1956, and Sultana Silver Mines added 9 short holes between 1966 and 1969. Utah Construction and Mining carried out rock sampling and drilled two longer holes totalling 305 meters in 1970-71.

Aside from rock geochemistry sampling of the surrounding granodiorite by Utah in 1970, prior to 2010 work was focused primarily on a high-grade silver copper vein. The vein outcrop exposed in trenches is 20 meters long and up to 7 meters wide, strikes at 070 and dips at 45 degrees to the southeast. Assays over the entire width show silver values up to 600 g/t with more than 2% copper and minor gold values. Numerous small drill intercepts showed some continuity below surface, but the size appeared to diminish with depth. Utah's geochemistry defined an area of 90 by 150 meters that showed the presence of Cu-Mo mineralization, providing an initial indication of potential for wider low-grade mineralization.

3.3 Porphyry Creek Property Exploration

The Porphyry Creek property was acquired by the current owners through staking beginning in 2006. Prior to optioning the property to Duncastle Gold Corp in 2008 small programs of prospecting and geochemical sampling were completed in 2006 and 2007. Duncastle expanded the property by staking to 13,560 Ha between 2008 and 2012, carried out prospecting, geochemical

surveys, an airborne geophysical survey and two drilling programs. The property was returned to the current owners in 2014 and a small surface program was conducted that year. Much of the expanded claims acquired by Duncastle have since been allowed to lapse.

3.3.1 2006/7 Prospecting

Initial work by the current owners in 2006 and 2007 consisted of visits to some of the known prospect areas and collection of rock and stream sediment samples. Areas visited included the Brunswick mine, the Armagosa area and the Brian Boru basin. High grade vein material was obtained from near the Brunswick mine, assaying 48 oz/ton Ag, and some strong geochemical responses were obtained from stream sediments in the Armagosa area, including one assay of 0.52 g/t Au from the west end of the ridge.

Stream sediment sampling in the northern Brian Boru basin showed no significant lead-zinc anomalies from the north side or upper end of the basin, but two samples at the upper, or eastern end of the basin showed anomalous copper and precious metals values in streams draining the upper slopes to the east. One sample returned a value of 8.3 g/t Ag.

Stream sediments from the Armagosa area were all from small streams draining the north side of the creek at the western end of the valley. All showed strong copper values (200-500 ppm). All were also anomalous in Au, Mo and As, with the two western-most samples showing very high Au and As values (520 and 140 ppb Au and 3100 and 500 ppm As). These two were also anomalous in La, while the two more easterly samples, closer to the reported location of the old workings, showed very high Fe content (7 and10%) and anomalous W values. Float rock collected from a talus slope a short distance to the west of the Armagosa workings showed elevated As and Mo, along with minor precious metal values in abundant brecciated quartz vein float. Stronger precious metal values (0.03 oz/t Au and 1.0 oz/t Ag), with high Cu and As (<1.0%) were found in massive sulphide float from the talus.

Samples of tailings from the Red Rose mine showed considerable remaining W value (0.3%) as well as elevated Cu, Mo and Au values.

3.3.2 2008 Geochemical Survey\

After optioning the property, Duncastle's first site exploration work consisted of a helicopter-supported prospecting and stream sampling program on the west side of the property in 2008. Both rock and stream sediment samples showed elevated values from numerous locations. Rock sampling confirmed the high silver and base metal values from vein material at the Brunswick mine (up to 75 oz/t Ag and 30% combined Pb and Zn) and also showed the high zinc content in massive sulphide mineralization at the old Brian Boru prospect (up to 22% Zn and 4.4 oz/t Ag). Rock sampling also returned some significant values from areas with poorly documented or no known mineral occurrences, including the east end of the ridge north of Armagosa Creek, the area below the Jupiter Minfile occurrence and the eastern part of the northern Brian Boru basin.

The rock samples were primarily float, so new specific zones of mineralization were not identified, but included wide areas of the property. Of the anomalous samples only one was of sufficient grade to be of interest as vein mineralization (9% Zn and 3.3 oz/t Ag in the Jupiter area), but numerous samples carried elevated Cu at levels of interest for bulk tonnage targets (ranging from 0.10% to 0.75% Cu). In some cases these samples showed disseminated mineralization in volcanic rocks rather than vein mineralization, and in at least two samples the Cu was accompanied by gold values. These included a sample with 0.7% Cu and 0.47 g/t Au

near the headwaters of Armagosa Creek and a sample with 0.30% Cu and 0.24 g/t Au on the south side of the Slate Creek valley, less than two kilometers west of the Jupiter Minfile location. Overall, of 43 samples collected across the property, 15 returned values above 0.10% Cu, with another 5 showing anomalous values for other metals of interest but a Cu content below 0.1%.

Stream sediment sampling showed multiple strongly anomalous areas for a spectrum of economic and indicator elements. The most widespread anomalous elements were Cu and As, but Au anomalies were also fairly common. Medium to strong anomalous values were also seen for Mo, Pb, Zn, Ag, Fe, Sb, Co and W, but these tended to be more localized. For Cu, 30 of 58 samples were over 100 ppm, with 10 of the remaining 28 over 85 ppm. For most elements values tended to be much more anomalous in the northern part of the survey area outside of a few strongly mineralized drainages below the Brian Boru prospect. All of the 23 samples collected from the Armagosa and Red Rose drainages contained greater than 90 ppm Cu and As, with many above 200 ppm.

Table 3 shows a summary of stream sediment results by area, incorporating results from the 2007 work into the 2008 database. Other elements also showed a similar pattern. The zoning of higher values to the north would be even more pronounced if not for a few very high values found near the Brian Boru prospect.

Table 2 - Stream Sediment Values by Area

Property Area	Samples	High Au (ppb)	Ave Au (ppb)	High Ag (ppb)	Ave Ag (ppb)	High Cu (ppm)	Ave Cu (ppm)	Ave As (ppm)	Ave Co (ppm)	Years
Armagosa	9	520	95.3	1047	178	505.4	340	700	25	2007/8
Red Rose	18	758.3	88.2	8823	1174	707.7	291	339	49	2008
Jupiter	12	52.6	22.8	1288	397	182.3	78	187	14	2008
Slate	8	14.9	6.2	339	228	150.6	101	93	31	2007/8
Brian Boru	20	116.7	10.8	8300	827	3423	279	47	19	2007/8
Total	**67**		**41.8**		**450**		**154**	**231**	**23**	

3.3.3 2010 Airborne Surveys

In July of 2010 Duncastle conducted a helicopter-borne electromagnetic, resistivity, magnetic and radiometric survey of the property. The survey was flown by Fugro Airborne Surveys Corp. using a DIGHEM electromagnetic system and consisted of 495 line-kilometers flown using a 200 meter spacing. In addition to Fugro's reporting, the data was analyzed and interpreted by Intrepid Geophysics Ltd.

Results confirmed a strong magnetic response associated with the intrusive stock underlying the eastern part of the property and showed generally low resistivity associated with the older volcanic and sedimentary rocks on the west side. Within that broad framework numerous anomalies were identified through all of the parameters measured. At the time the principal focus was on potential porphyry zones within or adjacent to the Rocher Deboule stock and Intrepid identified a total of six anomalous conductive zones in that area (Figure 5). In addition, two singular magnetic high zones were identified.

Figure 5 also shows ranked EM anomalies and the resistivity at 7200 Hz after excluding areas where data was potentially compromised by the difficult terrain. This shows the strong resistivity response in the west half of the property, and the concentration of EM anomalies particularly in the northwest part of the property. Nine areas of elevated radiometric response were identified, and later interpretation of the Th/K ratio identified several areas of potential

strong potassic alteration, with the strongest covering much of the northwest part of the property. The broader compilation indicates no fewer than 12 'Areas of Interest' for follow-up on the property. Figure 6 summarizes these priority anomalies with the uncorrected apparent resistivity as the background.

Intrepid also employed algorithms for Textural and Phase Analysis and Structure Detection from the magnetic data both to interpret potential structural breaks such as faults and contacts, and to identify ‘Zones of Complexity’ that could be conducive to emplacement of mineralization. Figure 8 shows the inferred structural features resulting from this analysis. In addition to these features, the detailed analysis indicated extensive smaller magnetic linear features within the intrusive stock, indicative of significant structural complexity. Outside of the stock these were largely absent aside from the larger features shown in Figure 8, with the exception of an area to the west of the Red Rose mine. This area roughly corresponds with the area of the strongest Th/K ratio anomaly.

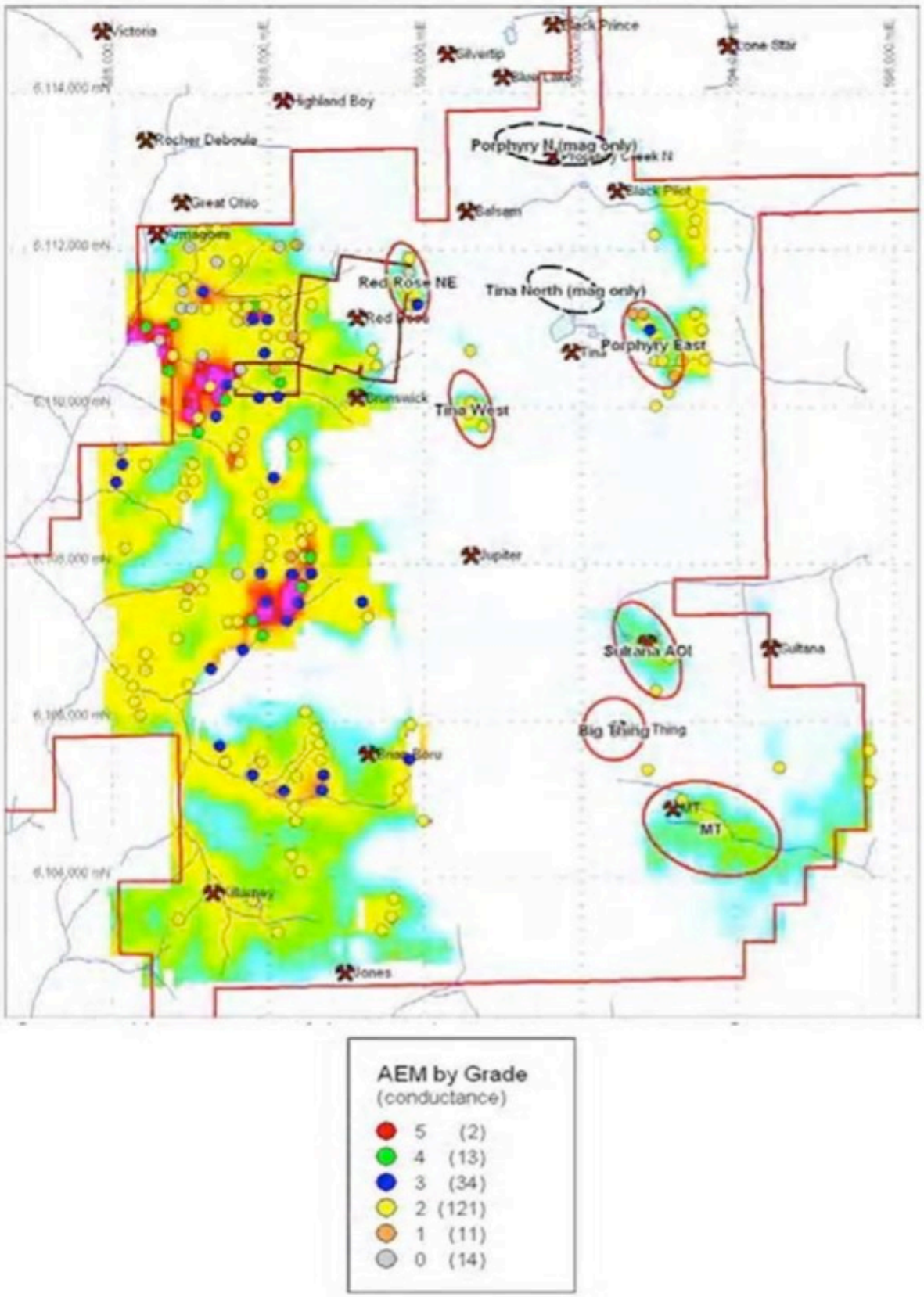


Figure 5 - Apparent Resistivity (7200 Hz) and AEM anomalies with East-Side Target Areas Indicated (Campbell 2010).

Intrepid's interpretation of this analysis was that the property appears to feature a major NW-SE structural fabric that cuts across the general trend of the regional geology. This runs through the central area of the intrusive stock, but also appears to extend into the sediments to the west.

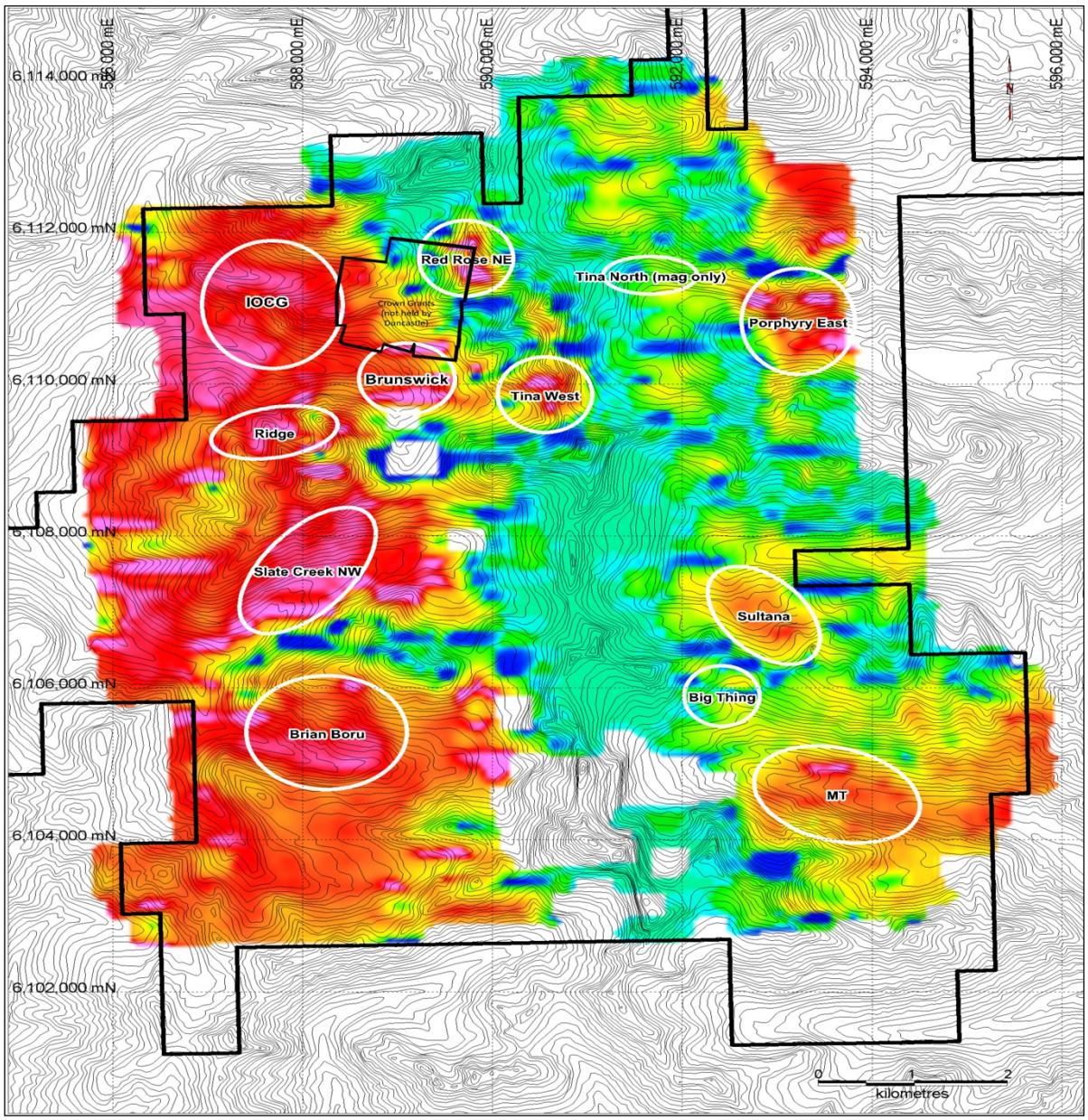


Figure 6 - Resistivity Map showing Priority Geophysical Anomalies

As noted, Duncastle and Intrepid focused their interpretations on the intrusive covering the eastern part of the property. This resulted in a substantial exploration program at the Sultana prospect, but only brief visits to other identified prospects, where no obvious surface deposits were encountered. These other targets remain essentially untested. It is also worth noting that regional geochemistry shows strong copper-gold anomalies for the streams draining the areas of these geophysical anomalies.

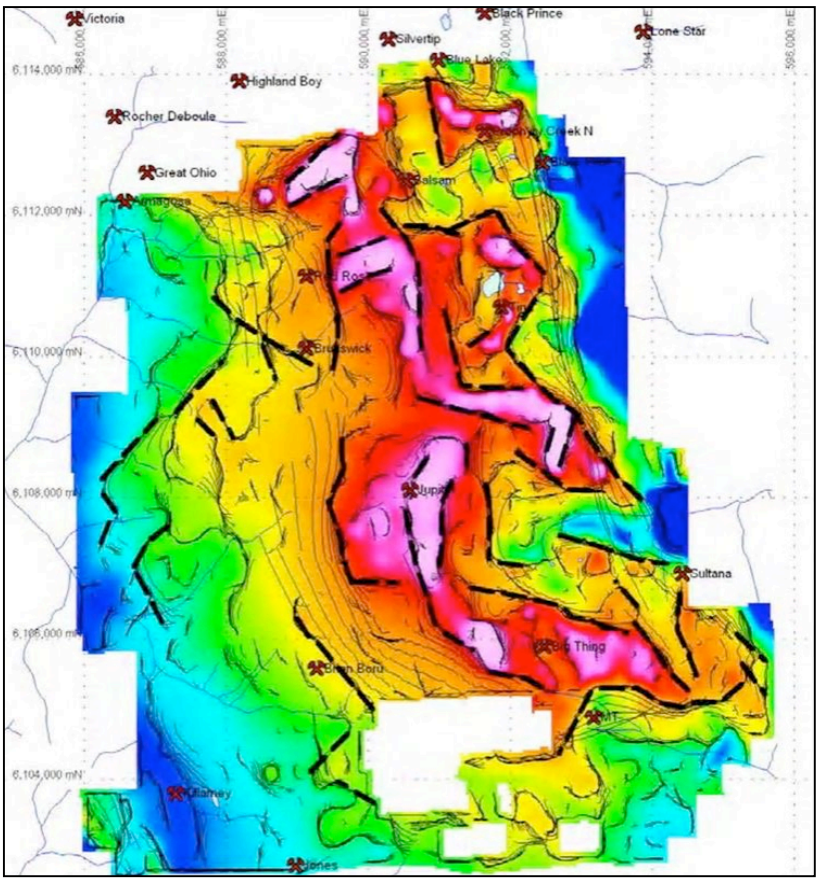


Figure 7 - Residual Magnetic Intensity with Major Inferred Structural Breaks/Contacts

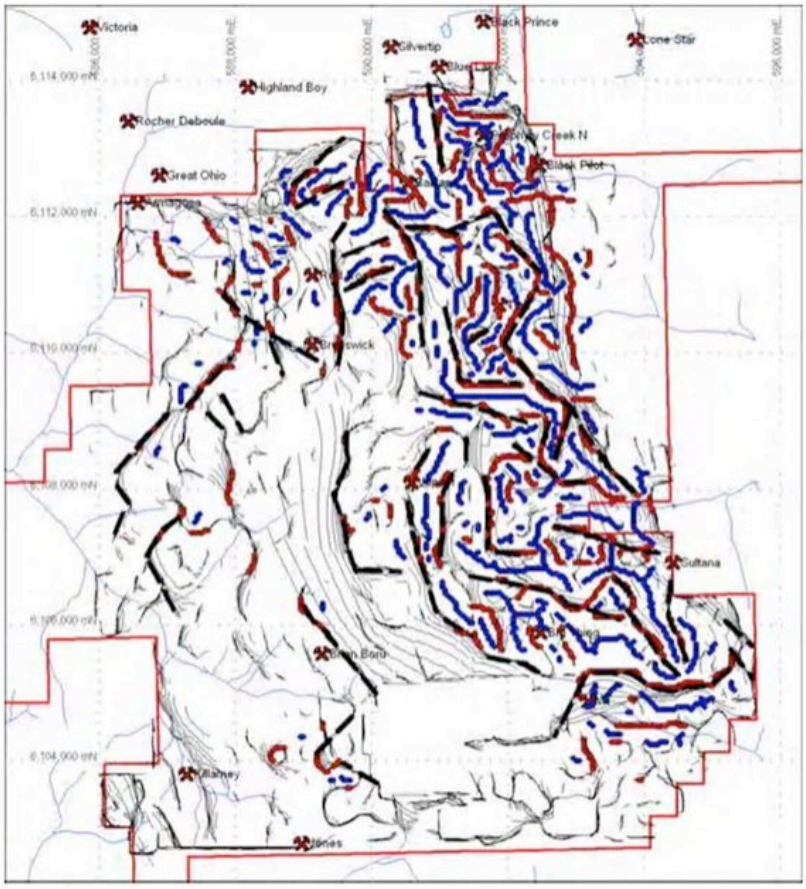


Figure 8 - Cumulative Magnetic Linears (Campbell 2010)

Analysis of the geophysics of the west side of the property was only incidental and no attempt was made at interpretation despite the presence of numerous anomalies. Some of the implied structural features (Figure 8) correspond fairly well with mapped contacts of the intrusive body, but the major NNW-SSE faults mapped over the area (e.g. the Chicago fault) are largely absent, aside from some possible intermittent segments that only loosely correspond to the mapped location. The more northerly of these segments seems more likely to be either the intrusive contact or the red Rose shear, as it lies to the east of the Brunswick and Red Rose mine locations.

The northwest part of the property is an area of particular interest from these interpretations. The strong NW-SE linears noted in the intrusive appear to show some continuity into the sediments to the west, and may be related to the 'Mill fault' shown on older geological mapping as roughly paralleling Red Rose creek. This corresponds loosely with the location of a strong NW trending magnetic discontinuity passing just south of the Brunswick mine and running up the ridge between Red Rose and Armagosa Creeks. The northeast side of this line is the only part of the property showing strong complexity, as indicated by the magnetic linear analysis, that is not directly associated with the intrusive. This area also corresponds to the strong Th/K anomaly extending to the property boundary in the northwest and shows an abundance of EM conductors, particularly in the section south of Armagosa Creek.

3.3.4 2010 and 2011 Sultana Geochemical and Drilling Programs

Geological and structural mapping and soil sampling was conducted at the Sultana prospect as part of the 2010 exploration program. Hydrothermal argillic and sericitic alteration were evident within the Sultana showing. Chalcopyrite, pyrite, tennanite/tetrahedrite, and molybdenite were found on fracture surfaces in outcrop and had also been reported in the historic drill hole logs from this area. Rock samples of quartz veins taken in the Sultana area assayed up to 18.25g/t Au, 865g/t Ag, 17.87% Cu, 0.57% Zn and 1.08% Mo.

As a result of the encouraging preliminary surface evaluation and historical information the Sultana occurrence was targeted for further work. A follow-up soil sampling program was conducted on the Sultana prospect which totalled 480 samples. The samples were taken 5 to 10 meters apart along several lines spaced 25 to 50 meters apart. The short sample intervals were chosen due to the close spacing of quartz veins carrying pyrite and chalcopyrite observed at the Sultana showing. The program covered a total area of about 250 x 400 meters (Westphal, 2010c).

The results of the soil sampling were extremely encouraging, returning values up to 3363 ppm Cu and 834 ppm Mo, with anomalous values over much of the grid. There were also intermittent high lead, silver and gold values. The mean and maximum value for both Cu and Mo were unusually high, suggesting high-grade mineralization close to the surface. Rock samples taken in the area confirmed this, with values up to 1.08% Mo. Because of the excellent soil results, a three-hole drill program totalling 1,330 m was conducted before the end of the field season.

Table 3 - Select Results from the 2010 and 2011 Sultana Drill Programs

interval (m)	width (m)	Au	Mo	Cu	Pb	Zn
PC10-01		**PPB**	**PPM**	**PPM**	**PPM**	**PPM**
0-444	444	4.8	70	547	24	37
111-117	6.0	162.0	2985	2988	876	913
339-444	105	4.1	107	1036	5	27
405-444	39	4.1	41	1673	8	35
PC10-02						
0-303	303	2.2	18	369	4	32
111-117	6.0	2.0	37	526	3	23
201-204	3.0	11.0	11	3439	7	49
PC10-03						
0-582	582	1.9	24	330	3	21
186-204	18	2.8	16	597	5	22
516-576	60	2.9	32	555	2	24
interval (m)	**width (m)**	**Au**	**Mo**	**Cu**	**Ag**	**W**
PC11-04		**PPB**	**PPM**	**PPM**	**PPM**	**PPM**
5-617	612	4.4	92	741	0.6	19
324-375	51	6.0	210	1149	1.0	21
479-488	9.0	7.6	331	1673	1.1	21
586-594	8.0	4.1	172	1396	0.9	82
611-617	5.7	9.3	394	1686	1.2	97
PC11-05						
4-588	584	6.8	59	620	0.8	13
388-424	36	9.0	293	1140	1.5	20
PC11-06						
4-469	465	4.9	79	713	0.7	25
141-170	29	10.2	220	1406	0.8	82
247-294	47	9.9	146	1189	2.7	37
PC11-07						
5-402	397	4.6	82	553	0.5	15
318-343	25	6.5	25	1410	1.2	35
PC11-08						
4-271	267	3.8	71	460	0.4	9.1
241-246	5.0	3.2	811	646	0.4	5.7
PC11-09						
5-248	243	3.6	25	293	0.3	9
114-120	6.0	8.5	4.5	911	1.08	22
144-146	2.0	9.5	2	1687	1	44

Drill sites were chosen based on soil anomalies and geophysics. All three holes showed widespread low grade Cu-Mo mineralization with occasional higher grade intervals. Hole PC10-01 gave the best results, and ended with 40 meters of some of the highest grade intervals. Results are summarized in Table 4.

These results encouraged a follow up program in the summer of 2011. The 2011 drilling consisted of 6 NQ drill-holes totalling 2,594 meters. These holes mainly cut altered medium grained granodiorite typical of the phyllic-propylitic zone of a porphyry system. All the holes were mineralized throughout their entire length, but mostly the grades returned were sub-economic. The average grades for each hole are shown in Table 5, along with some of the sections showing higher grades. Weighted average grades for holes PC11-04 to -08 ranged from

0.046% Cu and 0.007% Mo in hole PC11-08 to 0.074% Cu and 0.009% Mo in hole PC11-04. The latter hole was over a total length of over 600 meters.

Significant higher grade zones were encountered in holes PC11-04 to PC11-07, with sections of 25 to 50 meters grading above 0.10% Cu and up to 0.029% Mo. Hole PC11-09 was drilled to the north, away from the zone targeted by other holes, and returned significantly lower grades.

Results of the 2011 drilling expanded the moderately anomalous porphyry style Cu-Mo zone to some 300m in strike length (N-S) and up to 200m in width (E-W). Interpretations of metal gradients and previous geophysics based on these drill results led to a recommendation for further surface geochemistry and ground-based geophysics to better identify likely higher grade portions of the porphyry system, which appears to occupy a much larger area than that drilled.

3.3.5 2016 Metallurgical Test Program

Early in 2016 a series of metallurgical tests was carried out on a composite sample prepared by combining samples collected from the Red Rose mine's tailings. Two multi-stage flotation tests and two leach tests were conducted. One gravity separation test was also included. The results showed that high recoveries of gold and tungsten could be obtained by flotation methods, but other base metals did not respond as well, likely due to surface oxidation. Calculated gold grades were also significantly higher than assayed grades, a possible indication of nugget effect.

The work indicated that the relatively low tungsten recoveries obtained during the operation of the Red Rose mine were likely process related and not due to factors related to the ore mineralogy. Also, while there was some mention of increasing base and precious metal values in ore from lower levels, this work provided an indication that non-tungsten values were quite significant.

4 2017 Field Program

The 2017 site work program consisted of two separate site visits, one to the Sultana area in the southeast part of the property, and the other to the Red Rose Creek area in the northwest. The author and a small crew of samplers visited the Sultana by helicopter on August 31 and September 1, 2017 to prospect additional surface targets and to expand on a soil sampling grid initiated in 2014 and 2016. Two lines of contour soil samples were completed totalling 95 samples. A total of 14 rock samples were collected from areas along the soil traverse and from an area above the Sultana showing that had been covered by snow during the 2016 field visit.

On September 22nd and September 26th 2017, Lorie Farrell of Farrell Exploration Services Inc. and Tom Bell of Eagle Eye Ventures prospected and mapped over the "Ridge" airborne magnetic and EM target on the Porphyry Creek property. 18 Rock samples were taken with results up to 715 ppm Cu and 3.49 ppm returned in feldspar porphyry float with quartz and calcite veining with associated chlorite alteration, pyrite and pyrrhotite.

Rock samples were crushed and split to produce a 250-gram fraction which was pulverized better than 85% passing a 75-micron (200 mesh) screen. From each pulverized rock pulp, a 0.25-gram subsample was digested in perchloric, nitric, hydrofluoric and hydrochloric acids. The residue is topped up with dilute hydrochloric acid and the resulting solution is analyzed by ICP-MS and ICP-AES for 41 elements. Prior to analysis, soil samples were dried and screened at 80 mesh. A 0.5-

gram subsample of each minus 80 mesh fraction was digested in hot aqua regia and analyzed by ICP-MS for 41 elements. All samples were analyzed by ALS Global in Vancouver.

Rock sample information is summarized in Table 5 and table 6. 1. Geochemical sample locations are shown on the Sultana Area Maps (Map 1) and Red Rose Area map (Map 2) maps in Appendix 1. Full analytical results for all samples are provided in Appendix 2.

Table 5 + 6 abbreviations:

GD = Granodiorite, qtz = Quartz, cpy = Chalcopyrite, py = Pyrite, Mo = Molybdenite, act = Actinolite , mal = Malachite, az = Azurite, o/c = Outcrop, po = Pyrrhotite NS = Assay not significant

Table 5 – 2017 Rock Sample Descriptions Sultana area.

Sample #	East	North	Description	Au ppm	Ag ppm	Cu ppm	Mo ppm	Wo ppm
1041855	593158	6107161	Narrow rusty qtz vein in GD	NS	NS	NS	NS	NS
1041856	592956	6107196	GD Talus with Qtz stringers, minor Cpy + Py	NS	NS	1300	NS	214
1041857	592628	6107197	GD Outcrop, Cpy and Py on fractures. Dominate fracture stike is 340 deg dipping 70-80 deg west	NS	2.51	2930	NS	117
1041858	593522	6106822	10 m +/- Fine grained clay altered dyke strikes 340 deg dips 70 deg west No visible sulfide	NS	NS	NS	NS	NS
1041859	593377	6106824	Float from ½ meter angular bolder of GD mineralized with abundant act, cpy + mal	NS	3.2	4900	NS	NS
1041860	593372	6106756	Angular float. GD with cpy + mo on fractures with accompanying mal+ az	NS	1.33	1410	306	NS
1041861	593375	6106707	Fine grained dyke? material in talus 20 +/- down slope from o/c similar to sample 1041858	NS	NS	790	308	NS
1041862	593260	6106629	10cm Q vein in block of GD talus abundant py.	NS	NS	NS	NS	NS
1041863	593244	6106619	1-2 cm mag vein in GD talus cpy + mo + mal + az.	NS	2.31	4330	570	NS
1041864	593248	6106610	Well mineralized material from edge of large slab of act, cpy + abundant mal + az	0.321	26.4	5.75%	NS	131.5
1041865	593229	6106613	Intensely clay altered GD? Feldspar ghosts visible matrix = clay no mafics	NS	NS	NS	NS	NS
1041866	593165	6106564	GD with multiple close spaces Q stringers dominate fracture strike is 300 deg dip 60 w	NS	2.72	5150	NS	NS
1041867	593171	6106572	Vugy 10cm Q vein stikes 300 deg py + cpy	NS	6.39	3320	NS	NS
1041868	593158	6106570	GD with close spaces Q stringers cpy + py + mal	NS	NS	2460	152	NS

Table 6 2017 Sample descriptions from Red Rose Area – Ridge Target

Sample	East	North	Type	Description		
126201	587639	6109416	grab	Bleached weak MS altered intrusive o/c with 1% py. O/c exposed for 1m in talus		
126202	587751	6109255	grab	fine grained siliceous dyke with clots of chl alt; 2-3% diss py & po, weakly magnetic		
126203	587775	6109269	float grab	Sample intrusive float from cliffs above, bleached f-spar porphyry w/ chl bands 937.jpg. No sulfides seen		
126204	587798	6109262	float grab	feldspar porphyry w/ qtz +- calcite veining, chl alt, py, po, trace cpy, specular hematite(?).		
126205	587898	6109253	float grab	sample float from above with 20-30% Po, trace cpy. Silicified or qtz vein.		
126206	588023	6109092		Contact b/w dyke & seds		
126207	588208	6109177	float grab	Intrusive float with chl alteration qtz stringers, 2-3% Po, tr Py & cpy. A fair amount of this material here.		
126208	587941	6109575	grab	feldspar porphyry dyke, non mag but increase of rust staining near contact, increased dendritic manganese staining		
126209	588133	6109425	float grab	at base of clif, calcite flooded, bleached w/ 3% py		
126210	588340	6109121	float grab	qtz tension veining w/ tarnished py in fg black hornfelsed seds, 1% py.		
126211	587910	6109233		Sample intrusive dyke. O/c. No sulfides seen.		
126601	587786	6109514		Talus sample. Fine gr intrusive float with good cal, cl veining. Trace of py seen		
126602	587874	6109606		Float. Intrusive talus with CAL, CL stringers, some strong hem, >1% py. Grab from 2 boulders.		
126603	587964	6109585		Sample fine grained intrusive o/c, sil altered, lots of hem. 1-2% Po.		
126604	588101	6109474		Sample small - narrow (30cm) intrusive dyke. Lots of hem. 1-2% Po.		
126605	588343	6109162		Sample intrusive dyke rock. Fine grained with hm & 1-2% Po, moderate He		

126606	588343	6109083		Sample qtz-cal stockwork in feldspar porphyry talus, a trace of Po seen. Photo 947		
126607	588213	6109044		Sample sed float massive tremolite or actinolite with 10-15% py plus good oxides		

Table 7 – Geo Stations Red Rose Area – Ridge Target

Station	East	North	Lithology	Sample #	Notes
17Lf 060	587717	6109504	Sediment		Fine grained dark grey siltstone/shale, primary diss pyrite, non-magnetic, generally massive but showing foliation in places, hornfelsed.
17Lf 061	587686	6109452	Sediment		Same as previous, o/c surrounded by scree, fabric at 200/65 weak lineation at 200-10
17Lf 062	587639	6109416	Intrusive	126201	Fine grained intrusive, dacitic composition, small plagioclase phenos, fg diss py, non magnetic, weak ser alt?
17Lf 063	587751	6109255	Intrusive	126202	1.5m dyke intruding fg dk grey hornfelsed sediments contact at 004/35. Dyke is fg siliceous with diss py & po, feldspar phyric, patchy dark green chl alteration. Photos 932 of dyke, 934 of fog
17Lf 064	587775	6109269	Intrusive	126203	float, feldspar porphyry dark grey-green groundmass with white feldspar phenos cut by bands of dark green chlorite, located on scree slope, most float here is sediments. Photo 935.
17Lf 065	587898	6109253	Intrusive		med green-grey fine grained dyke with scattered mm scale white feldspar phenos, non magnetic, 4m wide intruding into fg med grey sediments at 060/35. Joint set at 242/50, 305/85, 340/82.
17Lf 066	587906	6109229	Intrusive	126211	4-5m dyke approximate contact at 022/40, intruding into sediments. No pyrite
17Lf 067	587914	6109186	Intrusive		small o/c of dyke w/in scree slope, tr py, weak mag
17Lf 068	587937	6109090	Intrusive		dyke ~1m wide 198/50 contact intruding sediments, v. weak mag
17Lf 069	588023	6109092	Intrusive	126206	contact at 020/70 b/w dyke and sediments, py, po + veinlets
17Lf 070	588177	6109114	Sediment		fine grained dark grey-black sediments with trace to no pyrite, non magnetic, hornfelsed. Joints at 180/20, 142/80, 030/65.
17Lf 071	588181	6109246	Intrusive	126207	float on talus slope, hornblend feldspar porphyry, hornblend altering to chl, diss po
17Lf 072	587926	6109620	Sediment		o/c along ridge, fg black sediments w/ diss py, hornfelsed. Photo 946 is @ 175 degrees from the station and shows dykes on the other side of the bowl.

17Lf 073	587941	6109575	Intrusive	126208	o/c of feldspar porphyry dyke, non-magnetic, no po, weak chl alteration, sample taken near contact with with increased rust and dendritic Mn staining.
17Lf 074	588343	6109162	Intrusive	126205	fine grained grey intermediate to felsic dyke, contact at 140/90, diss po, strong fabric in sediments at 040/10 to 040/30
17Lf 075	588376	6109159	Intrusive		fine grained medium grey intermediate to felsic dyke, non magnetic, non porphyritic, 020/30 1.5m wide
17Lf 076	588267	6109048	Sediment		dark grey fine grained sediments with tr to no py, bedding at 065/22. Weathered surface of sediments are orange to red to yellow oxidized. Photo 948 shows irregular discontinuous dykes near this station. Photo 949 shows bedding.
17Lf 077	588227	6109054	Intrusive		fine grained felsic to intermediate dyke with tr py, non magnetic.
17Lf 078	587910	6109290	Intrusive		scree slope, still dominantly sed float but abundant porphyritic float.
17Lf 079	587840	6109356	Intrusive		scree slope, increasing chl alt and qtz veining in porphyritic float.

Figure 9 Geo Station Map Red Rose Area – Ridge target

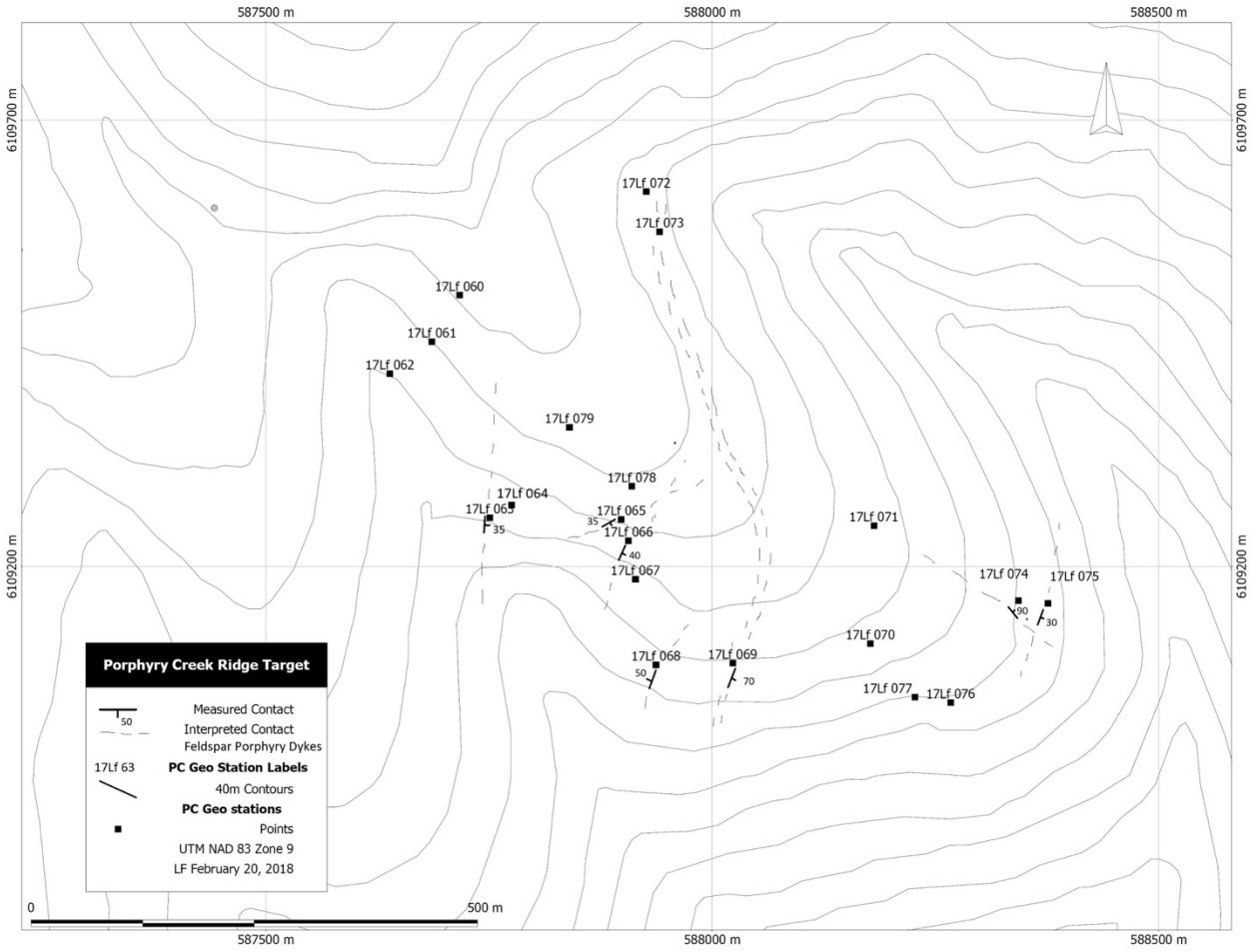


Table 8 Soil Sample locations

Sample #	Latitude	Longitude	Depth	Horizon
5	55.10084	-127.53885	10-20cm	B
6	55.10075	-127.53973	10-20cm	B
7	55.10054	-127.54069	10-20cm	B
8	55.10046	-127.54148	10-20cm	B
9	55.10051	-127.54241	10-20cm	B
10	55.10039	-127.54330	10-20cm	B
11	55.10056	-127.54429	10-20cm	B
12	55.10066	-127.54508	10-20cm	B
13	55.10061	-127.54587	10-20cm	B
14	55.10077	-127.54678	10-20cm	B
15	55.10091	-127.54763	10-20cm	B
16	55.10084	-127.54841	10-20cm	B
17	55.10107	-127.54930	10-20cm	B
18	55.10131	-127.55015	10-20cm	B
19	55.10166	-127.55070	10-20cm	B
20	55.10202	-127.55115	10-20cm	B
21	55.10158	-127.55164	10-20cm	B
22	55.10124	-127.55233	10-20cm	B
23	55.10118	-127.55315	10-20cm	B
24	55.10143	-127.55389	10-20cm	B
25	55.10393	-127.55966	10-20cm	B
26	55.10438	-127.56003	10-20cm	B
27	55.10494	-127.55975	10-20cm	B
28	55.10539	-127.55923	10-20cm	B
29	55.10584	-127.55866	10-20cm	B
30	55.10645	-127.55869	10-20cm	B
31	55.10701	-127.55847	10-20cm	B
32	55.10773	-127.55815	10-20cm	B
33	55.10161	-127.53793	10-20cm	B
34	55.10153	-127.53707	10-20cm	B
35	55.10085	-127.53660	10-20cm	B
36	55.10066	-127.53578	10-20cm	B
37	55.10047	-127.53494	10-20cm	B
38	55.10062	-127.53413	10-20cm	B
39	55.10056	-127.53327	10-20cm	B
40	55.10044	-127.53225	10-20cm	B
41	55.10075	-127.53164	10-20cm	B
42	55.10084	-127.53086	10-20cm	B
43	55.10050	-127.53017	10-20cm	B
44	55.10040	-127.52938	10-20cm	B
45	55.09997	-127.52862	10-20cm	B
46	55.09961	-127.52787	10-20cm	B
47	55.09928	-127.52711	10-20cm	B

48	55.09945	-127.52641	10-20cm	B
49	55.10031	-127.53547	10-20cm	B
50	55.10019	-127.53635	10-20cm	B
51	55.10007	-127.53716	10-20cm	B
52	55.10015	-127.53802	10-20cm	B
101	55.10313	-127.53841	10-20cm	B
102	55.10349	-127.53905	10-20cm	B
103	55.10301	-127.53979	10-20cm	B
104	55.10249	-127.54028	10-20cm	B
105	55.10281	-127.54103	10-20cm	B
106	55.10284	-127.54191	10-20cm	B
107	55.10276	-127.54307	10-20cm	B
108	55.10294	-127.54403	10-20cm	B
109	55.10299	-127.54488	10-20cm	B
110	55.10320	-127.54575	10-20cm	B
111	55.10331	-127.54658	10-20cm	B
112	55.10335	-127.54743	10-20cm	B
113	55.10323	-127.54873	10-20cm	B
114	55.10313	-127.54954	10-20cm	B
115	55.10311	-127.55040	10-20cm	B
116	55.10319	-127.55121	10-20cm	B
117	55.10334	-127.55196	10-20cm	B
118	55.10349	-127.55275	10-20cm	B
119	55.10371	-127.55352	10-20cm	B
120	55.10394	-127.55444	10-20cm	B
121	55.10407	-127.55529	10-20cm	B
122	55.10419	-127.55615	10-20cm	B
123	55.10421	-127.55700	10-20cm	B
124	55.10401	-127.55784	10-20cm	B
125	55.10444	-127.55749	10-20cm	B
126	55.10494	-127.55726	10-20cm	B
127	55.10539	-127.55705	10-20cm	B
128	55.10588	-127.55681	10-20cm	B
129	55.10626	-127.55648	10-20cm	B
130	55.10673	-127.55667	10-20cm	B
131	55.10717	-127.55714	10-20cm	B
132	55.10770	-127.55756	10-20cm	B
133	55.10823	-127.55775	10-20cm	B
134	55.10859	-127.55767	10-20cm	B
135	55.10909	-127.55766	10-20cm	B
136	55.10963	-127.55757	10-20cm	B
137	55.11040	-127.55740	10-20cm	B
138	55.11106	-127.55704	10-20cm	B
139	55.11164	-127.55657	10-20cm	B
140	55.11236	-127.55573	10-20cm	B

141	55.11456	-127.55646	10-20cm	B
142	55.11498	-127.55712	10-20cm	B
143	55.11548	-127.55661	10-20cm	B
144	55.11592	-127.55700	10-20cm	B
145	55.11633	-127.55748	10-20cm	B
146	55.11690	-127.55792	10-20cm	B
147	55.11720	-127.55853	10-20cm	B
148	55.11785	-127.55875	10-20cm	B

5 Interpretations and Conclusions

Three areas of interest were identified in the vicinity of the Sultana showing, the newly named Corinth Zone lying approximately 400m SW of the Sultana Showing and the newly named Zante Zone lying approximately 2200m NW of the Sultana Showing and Zante South Zone lying approximately 1500m NW of the Sultana showing.

Both the Zante and Zante south zones are characterised by soils anomalous in either copper or molybdenum over at least 200m. Single or two or three point anomalies although interesting are not considered significant due to the spotty nature of mineralization noted in core from drilling in 2010/2011. Only areas of substantial size consisting of 4 or more contiguous anomalous samples covering at least 200m are worthy of follow up.

Table statistical analysis of soil results from Sultana area

	Copper	Molybdenum	
95th Percentile Highly Anomalous	525 ppm	163 ppm	
75th Percentile Anomalous	135 ppm	118 ppm	
50th Percentile Background	63 ppm	19 ppm	

Samples 1041866 (0.52% Cu, 2.27 g/t Ag), 1041867 (0.33% Cu, 6.39 g/t Ag) and 1041866 (0.25% Cu, 0.91 g/t Ag) were taken from the newly named Corinth Zone approximately 150m South of the DDH PC11-005 from the 2010/2011 drilling completed by Duncastle Gold. 1041866 and 1041867 were taken from outcropping sheared granodiorite with close spaced (< 10 cm) quartz filled fractures. Sample 1041866 was taken from a 10 cm +/- quartz vein in the vicinity of the other two samples. The predominate orientation of fractures and or veining in this area strikes 330 and dips 60 deg to the west. Its noted that the 2010/2011 drill holes collared just north of the showing were drilled on a azmith of xx deg at -60 and would have roughly paralleled the dip of this zone. In addition to the above-mentioned outcrop samples approximately 100 meters away the author also sampled a roughly 5 m x 15 m x ½ m thick slab of actinolite resting on a steep talus slope. Well mineralized material taken from one surface of this slab, interpreted to be the salvage of the actinolite vein in contact with the host granodiorite assayed 5.75% Cu, 26.4 g/t Ag and 0.32g/t Au. Outcrop at the top of the talus slope displayed a dominate fracture set striking 330 and dipping 60-70 deg west along with 10 cm +/- actinolite veins with similar strike and dip.

In the Red Rose area (Ridge Target see figure 6) Rocks at the target consist of dark grey to black sediments of the Skeena Group- Red Rose Formation cut by feldspar porphyry and feldspar hornblende porphyry dykes. Chlorite alteration is associated with quartz and calcite veining and pyrrhotite is common. Mineralization is generally associated with the porphyry dykes. The extent of mineralization appears limited within the bowl centered over the magnetic anomaly but a short period of time could be spent prospecting around 587,550E/6,109,300N which is over the center of the resistivity anomaly. The Red Rose Slater and Slate Creek NW targets in this area warrant attention.

5.1 Recommendations

The contour soil sampling reinforced the need for systematic soil and or talus fine sampling of the areas south and north of the Sultana showing. Grid based alteration mapping should also be conducted in the Sultana area to identify and confirm any porphyry system alteration. Several targets from the 2010 airborne geophysical survey that still need to be followed up. The property has broad underexplored potential and considerable additional prospecting, geochemical sampling and geophysical testing will be required to begin to define the real potential.

6 Statement of Qualifications

Timothy Johnson

I, Timothy Johnson, a prospector and a business man with an address at 2674 Pylades Drive ., Ladysmith , B.C., certify that:

I have worked as a prospector, geological assistant and general mineral exploration field worker/manager since 1988.

I have attended and competed BCIT's advanced prospecting course.

I have and am currently working in management positions for junior mining companies including Director, CEO and President of Granite Creek Gold, a TSX-Venture listed company, Director, CEO and President of International Cobalt Corp a CSE listed company and former CFO of Group 10 Metals a TSX-Venture company.

I personally conducted and directly supervised the sampling at the Sultan area of the project and had direct communication with Laurie Farrell P.Geo who supervised the work at Red Rose area – Ridge Target that is described in this report.

I am the sole author of this report.

I am not aware of any material fact or material change with respect to the subject matter of this technical report that is not reflected in this report, the omission to disclose which would make this report misleading.

Dated at Ladysmith, B.C., this 1st day of March 2018.

signed

"*Timothy Johnson"*

7 Statement of Costs

August 31-Sept 1st		
Tim Johnson – Prospector 2 days @ 575/day		$1150.00
August 30+ Sept 2nd		
Tim Johnson – Project management 1.5 days		
August 31-Sept 1st		
Field Crew 3 personal for 2 days, 6 man day @ 475/day		$2850.00
Sept 22th and Sept 26th		
Lorie Farrell P.GEO - Geologist 2 days @ 575/day		$3850.00
Sept 22nd and Sept 26th		
Tom Bell – Prospector 2 days @ 500/day		$1000.00
	Total Labour	**6150.00**
Travel		
Tim Johnson – Return air fare Smithers –Vancouver		680.00
Vehicle rental (4 days @ 110)		440.00
Hotel (3days @ 110.00)		330.00
	Total Travel	**1450.00**
Helicopter Rental 5.2 hrs @ $1539.23/hr)		8004.00
Helicopter Fuel (963 L @ $1.59 L)		1531.17
Sample supplies + Radio Rental		200.00
	Total Site Access	**9735.16**
Assays		6012.97
Data Compilation + GIS 4 hrs @ 80/hr		320
Report 15 hrs @ 80/hr		1200.00
	Total Reporting	**1,861.50**
	Total	**25,730.64**

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Westphal, M (2010c): Internal report of the 2010 Exploration Program on the Porphyry Creek Property, BC

Appendix 1 –Maps

MAP 1

591000 m | 591500 m | 592000 m | 592500 m | 593000 m | 593500 m | 594000 m | 594500 m

6108500 m | 6108000 m | 6107500 m | 6107000 m | 6106500 m

N

148 147 146 145 144 143 142 141 140 139 138 137 136 135 134 133 132 131 130 129 128 127 126 123 124 122 121 120 119 117 118 115 114 113 112 111 110 109 102 103 101 104 105 1041857 PC11-009 1041855 33 34 19 18 17 16 15 14 SULTANA 24 23 22 21 60 10 9 8 7 6 PC10-003 35 36 37 38 39 40 41 42 43 44 45 46 47 48 50 49 PC10-002 PC11-004 PC10-001 1041859 1041858 PC11-006 PC11-005 1041861 1041865 1041862 1041863 1041864 1041867 1041868 1041866 PC11-008 32 31 30 29 28 27 26 25

0 1000 m

Porphry Creek Project

2017 Prospecting and Contour Soil Sample Location

- Rock Samples
- Soil Samples
- 2010/2011 Drill Collars with trace
- Claim Boundarys

Drawn by T.A.Johnson

MAP 2

Zante Zone

Zante South Zone

591500 m | 592000 m | 592500 m | 593000 m | 593500 m | 594000 m | 594500 m | 595000 m | 595500 m

6108500 m | 6108000 m | 6107500 m | 6107000 m | 6106500 m

N

0 | 1000 m

44 | 182 | 501 | 356 | 250 | 49.1 | 96.2 | 109.5 | 15.25 | 41.7 | 84.6 | 418 | 188 | 296 | 647 | 1400 | 71.8 | 108 | 80.5 | 246 | 132 | 170 | 135 | 62.3 | 13.25 | 964 | 69.7 | 22 | 200 | 111.5 | 76.9 | 6.62 | 78.3 | 106.5 | 8.22 | 48.2 | 80.4 | 5.22 | 4.58 | 15.55 | 30.6 | 668 | 27.5 | 955 | 33 | 7.81 | 138 | 114 | PC11-009 | 9.44 | 4.56 | 2.99 | 3.43 | 10.05 | 37.3 | 27.8 | 17 | 6 | 5.12 | 24 | 8 | 76 | 73 | 23 | 48.1 | 586 | 13 | 37 | PC10-003 | 311 | 35 | 42.5 | 191 | 111 | 19 | 17.02 | 261 | 754 | 394 | 449 | 270 | 27 | 76 | 6.34 | 64 | 79.5 | 18 | 69.4 | 135 | 36.7 | 29.5 | 62.4 | 18.4 | 57.9 | 70 | 9.8 | 160 | 1570 | 40.1 | 582 | 23.1 | 10.05 | 61.1 | 16.2 | 130.5 | 41.7 | SULTANA | 41.8 | 163.5 | 28.3 | 615 | 677 | 330 | 118.5 | PC10-002 | PC11-004 | 74.5 | 39.3 | 530 | 37.5 | 34.2 | 65 | 146 | 765 | 1354 | 22 | 26.5 | 26.4 | 65.4 | 22.9 | 87 | 47 | 112 | 266 | 465 | 413 | PC10-001 | PC11-006 | PC11-005 | PC11-008

Porphry Creek Project

Copper in Soils PPM

2017 Contour Soils Cu PPM

1...135

135...525

>525

2016 Soils Cu PPM

1...135

135...525

>525

2015 Soils Cu PPM

1...135

135...525

>525

Claim Boundarys

Drawn by T.A.Johnson

MAP 3

Zante Zone

Zante South Zone

SULTANA

PC10-001
PC10-002
PC10-003
PC11-005
PC11-006
PC11-008
PC11-009

591500 m
592000 m
592500 m
593000 m
593500 m
594000 m
594500 m
595000 m
595500 m

6108500 m
6108000 m
6107500 m
6107000 m
6106500 m

N

0
1000 m

Porphry Creek Project

Molybdenem in Soils PPM

2017 Contour Soils Mo PPM

1...118
118...163
>163

2016 Soils Mo PPM

1...118
118...163
>163

2015 Soils Mo PPM

1...118
118...163
>163

Claim Boundarys

Drawn by T.A.Johnson

Map 4

592700 m | 592800 m | 592900 m | 593000 m | 593100 m | 593200 m | 593300 m | 593400 m | 593500 m | 593600 m | 593700 m

6106900 m | 6106800 m | 6106700 m | 6106600 m | 6106500 m | 6106400 m

SULTANA

PC10-002

PC11-004

PC10-001

PC11-006

4900,13,3.2,0.01

19.9,10.15,0.03,0

PC11-005

790,308,0.97,0

189,5.78,0.23,0

173,7.84,0.37,0

4330,570,2.31,0.03

PC11-008

57500,16.3,26.4,0.321

Corinth Zone

2460,152,0.91,0.006

3320,21.3,6.39,0.026

5150,1.19,2.72,0.027

N

0 200 m

Porphry Creek Project

Rock Samples Corinth Zone

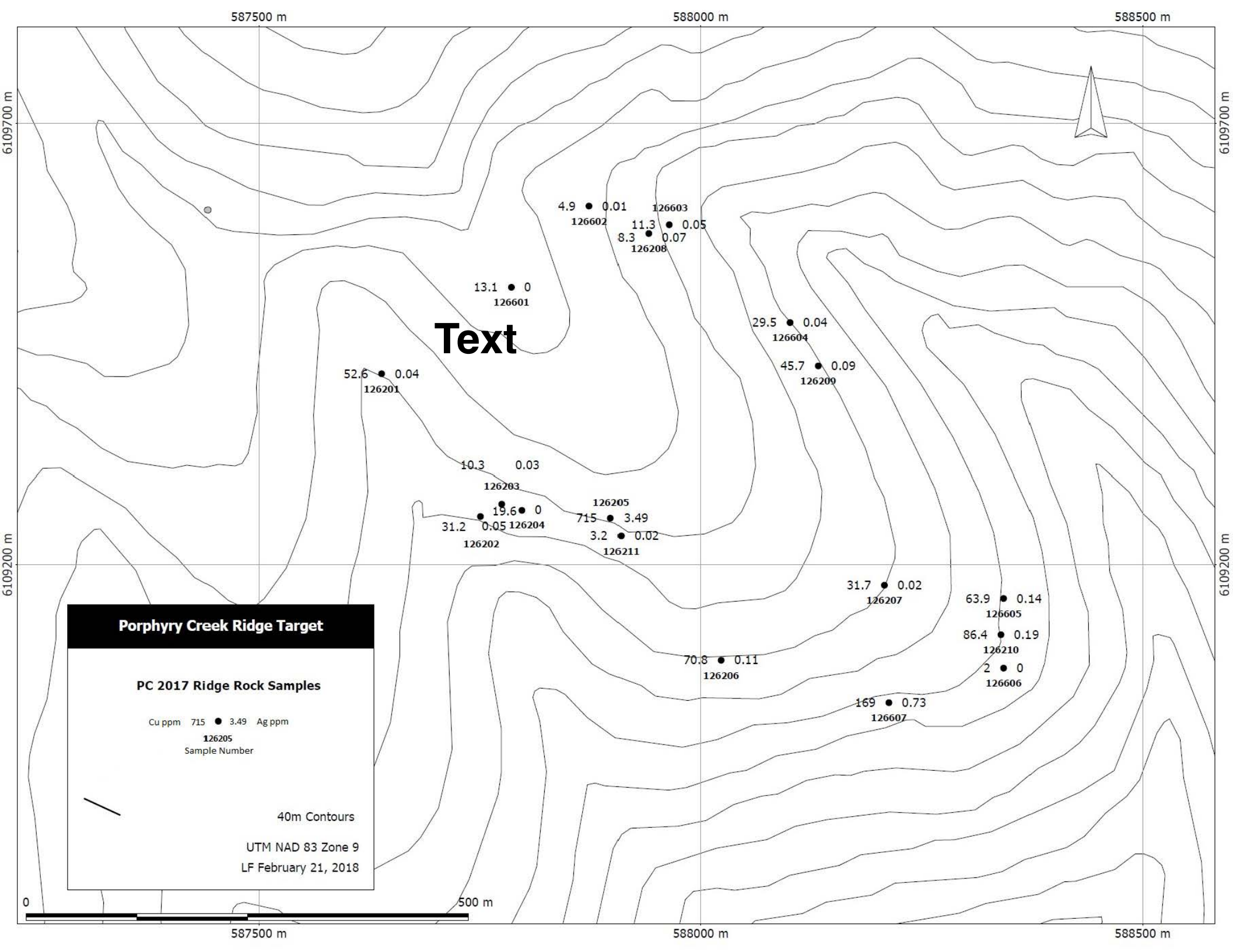
Cu,Mo,Ag,AU PPM

Strike of dominate fracture set

number on side denotes dip

Claim Boundarys

Drawn by T.A.Johnson


587500 m
588000 m
588500 m
6109700 m
6109200 m
4.9 0.01
126602
126603
11.3 0.05
8.3 0.07
126208
13.1 0
126601
Text
29.5 0.04
126604
45.7 0.09
126209
52.6 0.04
126201
10.3 0.03
126203
126205
19.6 0
715 3.49
31.2 0.05 126204
3.2 0.02
126202
126211
31.7 0.02
126207
63.9 0.14
126605
86.4 0.19
126210
70.8 0.11
126206
2 0
126606
169 0.73
126607
Porphyry Creek Ridge Target
PC 2017 Ridge Rock Samples
Cu ppm 715 3.49 Ag ppm
126205
Sample Number
40m Contours
UTM NAD 83 Zone 9
LF February 21, 2018
0
500 m

Appendix 2 –Assays

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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www.alsglobal.com/geochemistry

To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
This copy reported on
28- NOV- 2017
Account: RESRID

CERTIFICATE TR17231166

Project: Cobalt Mountain

This report is for 35 Rock samples submitted to our lab in Terrace, BC, Canada on 19- OCT- 2017.

The following have access to data associated with this certificate:

LORIE FARRELL	KYLER HARDY	TIM JOHNSON

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Cu- OG62	Ore Grade Cu - Four Acid	ICP- AES
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

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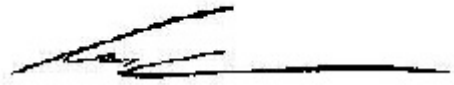
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TR17231166

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
1041855		0.39	0.23	7.88	2.0	1230	1.22	0.35	1.52	0.22	34.7	11.8	29	4.89	158.0	3.29
1041856		0.53	0.97	7.88	1.1	1160	1.31	0.15	2.12	0.08	32.0	10.2	23	4.15	1300	2.98
1041857		0.48	2.51	7.98	1.3	1280	1.38	0.24	1.62	0.11	34.4	8.8	29	6.17	2930	2.69
1041858		0.55	0.03	7.52	2.5	1960	1.39	0.06	1.88	0.12	38.5	4.8	6	4.26	19.9	2.07
1041859		1.27	3.20	1.23	5.3	10	1.88	0.30	6.61	0.16	150.5	35.6	17	0.46	4900	9.85
1041860		0.81	1.33	7.44	3.0	1050	1.34	0.12	2.16	0.03	39.7	19.1	26	2.66	1410	3.28
1041861		0.66	0.97	7.47	79.1	1110	1.14	0.61	0.67	0.99	35.7	8.2	24	6.82	790	2.74
1041862		1.31	0.37	6.85	3.9	420	1.41	1.49	2.04	0.05	66.0	15.7	91	9.17	173.0	6.52
1041863		1.36	2.31	6.15	2.0	490	1.39	0.20	1.42	0.13	28.2	14.9	20	10.20	4330	12.55
1041864		0.56	26.4	2.67	17.3	30	0.59	7.49	2.02	0.97	151.5	11.8	21	12.90	>10000	11.20
1041865		0.91	0.23	2.45	26.5	2530	0.50	0.10	5.67	0.23	14.45	6.2	9	9.35	189.0	3.63
1041866		0.47	2.72	7.85	2.4	1160	1.16	0.32	1.49	0.22	29.6	14.4	27	6.67	5150	3.42
1041867		0.75	6.39	4.77	74.2	290	0.72	12.15	0.65	0.10	22.1	33.2	23	6.70	3320	5.38
1041868		1.28	0.91	7.80	3.1	960	1.28	0.18	1.62	0.15	34.7	10.1	28	4.34	2460	3.16
1041869		0.59	0.02	0.06	0.5	20	0.05	0.03	32.6	<0.02	1.22	1.1	1	0.05	18.5	0.19
126201		0.61	0.04	7.64	1.5	190	1.25	0.04	3.69	0.08	34.6	19.3	100	3.00	52.6	4.10
126202		0.67	0.05	9.00	1.1	150	1.04	0.05	3.06	0.23	46.6	11.6	41	3.21	31.2	4.34
126203		0.69	0.03	8.91	3.7	900	1.41	0.03	5.46	0.16	42.2	11.4	7	4.84	10.3	4.85
126204		1.68	<0.01	7.56	2.7	560	1.65	0.02	3.65	0.04	59.1	7.7	6	2.85	19.6	3.24
126205		1.00	3.49	2.09	10.7	90	0.32	0.35	1.78	1.57	21.6	110.0	29	1.26	715	18.50
126206		0.86	0.11	8.17	7.9	200	1.08	0.03	5.73	0.16	31.9	34.7	133	1.73	70.8	6.90
126207		1.20	0.02	8.61	6.3	380	1.33	0.06	5.57	0.03	37.0	6.6	10	5.05	31.7	5.69
126208		0.59	0.07	9.41	7.1	310	1.01	0.02	2.83	0.42	42.9	5.8	10	1.73	8.3	3.41
126209		0.69	0.09	5.09	10.3	30	0.67	0.03	15.55	0.47	37.9	15.1	25	0.25	45.7	6.85
126210		0.49	0.19	8.46	32.7	640	1.61	0.03	1.73	0.22	41.4	16.2	125	8.62	86.4	5.44
126211		0.63	0.02	8.80	6.8	870	1.38	0.04	3.89	0.18	40.1	14.0	7	4.26	3.2	5.16
126212		0.12	2.42	8.52	65.3	670	1.23	0.41	0.47	0.34	39.0	21.2	66	4.65	4030	4.93
126601		0.58	<0.01	9.30	121.5	440	1.88	0.07	3.53	0.02	44.8	27.3	103	7.55	13.1	5.31
126602		0.63	0.01	8.27	4.3	850	1.32	0.06	1.70	0.13	47.0	6.9	14	2.42	4.9	2.53
126603		0.58	0.05	8.90	9.7	320	1.25	0.03	2.75	0.19	42.0	10.1	34	3.36	11.3	4.09
126604		0.61	0.04	8.93	2.0	210	0.68	0.04	4.59	0.06	36.0	13.2	8	7.20	29.5	5.16
126605		0.61	0.14	8.75	0.4	150	1.32	0.14	3.46	0.13	54.4	18.1	24	1.03	63.9	6.38
126606		0.59	<0.01	6.71	194.5	360	0.70	0.03	4.75	<0.02	35.9	66.7	75	1.64	2.0	4.89
126607		0.72	0.73	4.42	10.0	10	0.79	0.09	9.74	6.22	23.7	19.1	66	0.16	169.0	10.60
126608		0.61	0.01	0.06	0.2	20	0.05	0.01	33.3	0.02	0.94	1.0	1	<0.05	2.3	0.16

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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	ME-MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	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	0.5
1041855		19.55	0.12	0.6	0.022	3.02	18.8	16.9	1.02	331	8.72	2.75	12.5	10.3	1120	6.0
1041856		18.65	0.12	0.5	0.062	3.19	16.7	10.1	0.92	349	87.8	2.75	13.1	10.3	990	4.9
1041857		20.7	0.12	0.5	0.125	3.27	18.7	21.0	1.17	285	4.99	2.65	11.0	8.6	1060	4.7
1041858		18.35	0.11	2.8	0.017	3.59	20.7	7.9	0.24	1110	10.15	2.22	16.8	2.6	660	4.9
1041859		14.60	0.23	0.8	0.330	0.12	68.8	9.9	6.98	1540	13.00	0.31	18.9	69.0	7600	1.7
1041860		16.65	0.18	0.8	0.067	2.58	22.1	14.4	1.07	407	306	2.77	13.2	14.8	980	5.9
1041861		16.60	0.15	0.6	0.065	4.51	18.3	8.1	0.21	451	308	1.55	7.5	9.8	980	6.7
1041862		19.30	0.19	0.7	0.052	3.37	35.2	31.4	2.68	655	7.84	1.62	10.4	21.7	1160	11.3
1041863		23.5	0.14	0.4	0.118	1.81	14.6	24.0	1.51	496	570	2.34	10.0	19.7	1250	5.2
1041864		20.9	0.29	1.2	6.99	0.62	61.0	35.0	4.20	1060	16.30	0.01	28.8	44.8	9860	32.0
1041865		5.35	0.06	0.2	0.026	0.98	8.1	80.1	0.96	771	5.78	0.02	3.3	6.3	350	4.1
1041866		18.05	0.12	0.4	0.170	2.95	16.1	21.0	1.23	285	1.19	2.58	13.6	13.6	1090	4.6
1041867		12.65	0.14	0.4	0.378	1.95	9.2	24.8	0.23	631	21.3	0.56	9.1	11.7	740	5.1
1041868		17.80	0.15	0.5	0.076	2.40	19.6	18.7	1.17	359	152.0	2.82	13.0	13.5	1070	4.5
1041869		0.28	0.05	<0.1	0.006	0.02	1.3	1.2	2.46	156	0.92	0.02	0.2	0.7	80	0.5
126201		17.05	0.12	3.3	0.038	1.29	18.5	69.9	2.07	640	0.71	2.76	5.5	96.2	1040	5.9
126202		20.4	0.14	1.9	0.028	0.05	23.6	77.0	0.91	788	3.46	2.86	13.5	11.4	1220	8.4
126203		20.7	0.16	1.5	0.087	1.11	18.5	53.1	1.51	1280	1.49	3.01	22.1	9.6	2330	3.9
126204		18.65	0.18	2.3	0.053	0.67	27.0	56.2	1.07	653	1.94	2.55	27.4	3.9	1900	2.3
126205		6.52	0.16	0.3	0.113	0.31	7.5	18.8	1.37	846	0.78	0.08	1.4	151.0	4800	52.0
126206		18.00	0.12	1.3	0.081	0.29	14.4	31.7	3.88	1860	1.42	1.30	6.8	87.7	1080	10.4
126207		19.60	0.13	1.3	0.076	1.29	17.9	77.8	2.15	1080	1.48	2.59	13.5	12.9	2000	2.2
126208		22.0	0.15	2.4	0.018	0.23	21.9	47.5	0.77	721	2.55	2.99	13.0	9.0	1290	8.5
126209		9.72	0.11	0.8	0.148	0.05	18.8	19.9	3.24	14500	2.32	0.22	3.0	88.8	5400	13.4
126210		20.4	0.12	1.5	0.072	1.74	21.1	72.7	2.08	1960	1.16	1.50	8.1	91.3	860	15.9
126211		20.8	0.14	1.5	0.118	1.34	18.5	48.8	1.40	968	0.91	3.72	21.4	10.3	2390	6.1
126212		17.95	0.18	1.0	0.045	4.51	21.7	12.6	1.05	439	150.0	1.53	3.7	41.9	1190	28.2
126601		25.0	0.17	2.2	0.028	1.56	19.9	115.0	1.93	645	1.71	2.31	15.3	74.0	1430	1.8
126602		19.15	0.19	2.7	0.019	1.82	25.4	26.1	0.38	608	1.16	3.15	13.1	11.1	980	3.4
126603		21.5	0.15	2.3	0.065	0.27	20.7	29.7	1.09	990	1.82	3.40	13.8	18.7	1280	7.8
126604		20.6	0.17	0.8	0.044	0.74	16.0	27.0	1.40	1360	2.72	1.85	18.6	11.3	2270	6.8
126605		19.50	0.18	1.7	0.023	0.18	27.0	13.9	2.02	1690	1.94	1.62	13.6	13.6	1640	4.7
126606		14.35	0.12	2.1	0.090	0.88	17.7	62.0	2.47	927	0.53	1.91	11.2	96.3	960	0.9
126607		10.95	0.11	1.1	0.405	0.02	11.3	25.6	6.07	5970	1.04	0.08	4.8	81.1	1260	7.1
126608		0.20	<0.05	<0.1	<0.005	0.01	1.1	1.0	1.86	145	<0.05	0.02	0.1	0.7	80	0.5

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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	ME-MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
1041855		167.0	<0.002	0.52	0.90	9.2	1	1.8	423	0.94	0.07	9.55	0.319	1.15	2.5	88
1041856		156.5	0.003	0.33	0.33	8.2	1	1.0	412	0.99	0.12	9.63	0.284	0.99	3.5	69
1041857		195.5	<0.002	0.45	1.76	9.0	2	1.0	328	0.76	0.11	8.72	0.315	1.23	4.9	77
1041858		181.5	<0.002	0.09	4.37	4.2	1	0.6	174.5	1.27	0.05	9.54	0.199	1.99	3.8	35
1041859		1.6	<0.002	0.44	1.01	34.1	3	4.7	12.9	0.94	0.12	4.86	0.366	<0.02	3.5	470
1041860		130.5	0.006	0.46	0.36	8.1	3	1.1	423	1.08	0.05	9.16	0.313	0.78	3.7	77
1041861		248	0.015	0.77	69.3	7.0	2	0.9	123.0	0.69	0.20	9.38	0.206	1.80	3.6	73
1041862		217	0.002	3.11	1.31	19.2	2	1.4	214	0.67	0.34	7.61	0.291	1.42	2.2	159
1041863		158.5	0.017	0.48	0.67	12.0	3	1.5	234	0.64	<0.05	24.7	0.357	0.89	3.4	542
1041864		116.5	0.005	6.24	4.43	49.4	12	7.0	21.7	1.62	1.40	6.86	0.406	0.85	5.3	307
1041865		55.3	<0.002	0.18	69.1	2.9	1	0.3	1800	0.28	<0.05	2.53	0.094	0.49	1.3	32
1041866		204	<0.002	0.56	0.87	8.8	5	1.5	413	0.98	0.07	8.10	0.353	1.25	3.7	83
1041867		178.0	0.003	3.00	7.54	3.4	6	1.6	28.6	0.69	2.59	5.44	0.198	1.29	1.9	59
1041868		166.0	0.013	0.24	0.31	8.5	2	1.1	425	1.06	0.06	8.26	0.330	0.97	2.9	83
1041869		1.2	<0.002	<0.01	0.09	0.2	1	<0.2	84.3	<0.05	<0.05	0.12	0.005	<0.02	0.1	1
126201		43.8	<0.002	0.04	0.54	10.2	1	1.2	430	0.38	<0.05	8.49	0.537	0.28	2.0	106
126202		1.2	<0.002	0.66	0.31	8.7	1	0.4	714	0.92	0.06	4.62	0.389	0.02	1.4	66
126203		28.4	0.002	0.02	1.24	12.5	<1	4.8	860	1.26	<0.05	3.55	0.774	0.39	1.2	146
126204		21.5	<0.002	0.10	0.64	7.1	1	5.9	719	1.67	<0.05	5.65	0.508	0.31	1.6	50
126205		16.6	0.002	>10.0	2.24	9.8	11	0.5	39.6	0.10	0.83	1.34	0.076	0.15	0.6	69
126206		9.3	0.003	0.27	1.17	33.1	1	1.5	1170	0.47	0.06	3.73	0.517	0.17	1.1	257
126207		59.4	<0.002	0.16	1.31	13.9	1	0.8	695	0.82	<0.05	2.83	0.651	0.67	1.1	133
126208		10.3	<0.002	0.02	0.50	9.2	1	0.3	592	0.89	<0.05	5.11	0.373	0.15	1.8	66
126209		2.0	0.002	0.41	2.13	11.1	2	5.1	216	0.24	<0.05	2.19	0.166	0.02	0.9	73
126210		88.1	0.003	0.20	2.87	18.8	2	1.3	295	0.57	0.09	6.04	0.400	0.71	1.6	226
126211		33.2	<0.002	<0.01	1.22	11.9	<1	9.4	764	1.25	<0.05	3.43	0.791	0.55	1.2	148
126212		100.0	0.320	2.39	4.66	18.5	8	2.6	276	0.26	0.88	3.19	0.320	1.50	1.4	217
126601		50.2	0.003	0.02	1.28	18.9	1	0.5	536	1.00	<0.05	4.67	0.574	1.03	1.6	230
126602		69.1	<0.002	0.04	3.16	7.1	1	0.7	436	0.99	<0.05	8.11	0.338	0.54	3.1	59
126603		12.8	<0.002	0.08	0.51	8.9	1	0.9	492	0.92	<0.05	5.10	0.425	0.21	1.8	75
126604		32.7	<0.002	0.47	0.69	13.0	1	1.3	661	1.05	<0.05	2.70	0.767	0.53	0.7	133
126605		6.2	0.002	0.80	0.53	16.4	1	0.3	551	0.94	<0.05	4.00	0.538	0.12	1.3	164
126606		38.4	<0.002	0.01	0.77	13.4	<1	1.5	201	0.83	<0.05	6.40	0.419	0.28	2.0	114
126607		0.7	<0.002	0.80	2.67	10.3	2	4.7	112.5	0.32	0.21	3.09	0.237	0.02	1.3	103
126608		0.3	<0.002	<0.01	0.08	0.2	1	<0.2	80.3	<0.05	<0.05	0.06	0.005	<0.02	0.1	1

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

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS TR17231166

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Au-ICP21
	Analyte	W	Y	Zn	Zr	Cu	Au
	Units	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.1	0.1	2	0.5	0.001	0.001
1041855		24.6	11.1	38	12.3		0.001
1041856		214	11.3	26	9.6		0.012
1041857		117.0	9.3	37	10.0		0.020
1041858		8.9	11.0	34	94.6		<0.001
1041859		17.4	79.3	87	13.6		0.010
1041860		3.3	12.8	28	17.2		0.006
1041861		34.9	7.2	81	13.4		<0.001
1041862		20.8	19.4	78	12.9		<0.001
1041863		8.9	12.6	49	7.8		0.030
1041864		131.5	70.1	198	22.7	5.75	0.321
1041865		8.8	5.3	55	4.8		<0.001
1041866		1.1	10.8	48	9.5		0.027
1041867		20.0	8.1	20	8.4		0.026
1041868		1.0	12.0	45	10.2		0.006
1041869		0.1	2.5	3	1.2		<0.001
126201		0.8	11.6	79	141.5		0.001
126202		0.8	22.5	94	78.9		<0.001
126203		1.1	21.8	96	54.2		<0.001
126204		0.8	32.4	41	93.3		<0.001
126205		0.4	21.2	476	11.7		0.017
126206		0.5	21.5	153	47.9		<0.001
126207		2.4	23.5	47	52.5		<0.001
126208		1.5	20.1	99	101.0		<0.001
126209		1.0	51.7	252	28.0		<0.001
126210		1.0	10.5	190	56.1		<0.001
126211		1.1	20.7	104	56.9		<0.001
126212		17.7	15.3	72	36.5		0.448
126601		1.2	18.3	42	84.9		<0.001
126602		2.9	17.2	34	101.0		<0.001
126603		1.1	20.9	100	96.0		<0.001
126604		0.9	21.5	80	35.7		<0.001
126605		0.9	24.4	155	69.2		<0.001
126606		1.9	15.5	49	80.9		0.002
126607		1.1	19.4	351	43.9		0.009
126608		<0.1	1.9	4	1.4		<0.001

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18-NOV-2017
Account: RESRID

CERTIFICATE VA17234318

Project: Cobalt Mountain

This report is for 96 Soil samples submitted to our lab in Terrace, BC, Canada on 19-OCT-2017.

The following have access to data associated with this certificate:

LORIE FARRELL	KYLER HARDY	TIM JOHNSON

SAMPLE PREPARATION

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

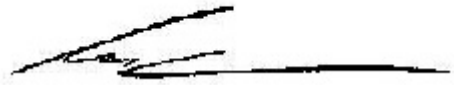
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41L	Super Trace Lowest DL AR by ICP-MS

To: **RIDGE RESOURCES LTD.**
ATTN: TIM JOHNSON
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

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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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	WEI-21	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01	0.005
05		0.26	0.0002	0.813	2.64	3.13	<10	32.4	0.32	0.247	0.04	0.079	14.10	3.34	23.7	1.875
06		0.18	0.0015	0.374	1.77	28.5	<10	56.8	0.29	0.583	0.10	0.194	28.1	7.07	16.15	9.43
07		0.18	0.0107	0.733	2.30	32.7	<10	41.1	0.23	0.822	0.04	0.158	13.30	5.41	15.80	4.88
08		0.22	0.0013	0.130	2.30	21.2	<10	1160	0.42	0.358	0.14	0.224	18.75	4.48	16.35	8.69
09		0.12	0.0052	1.640	2.24	100.0	<10	62.1	0.39	2.66	0.07	0.293	14.80	5.70	19.60	6.19
10		0.10	0.0014	0.258	1.37	26.7	<10	115.5	0.18	0.308	0.17	0.077	20.0	4.76	18.30	4.27
11		0.12	0.0011	0.097	1.68	13.55	<10	65.0	0.23	0.401	0.08	0.154	20.7	7.08	14.75	5.48
12		0.24	0.0033	0.289	3.47	30.4	<10	60.8	0.42	1.020	0.06	0.173	14.05	16.35	21.3	1.400
13		0.12	0.0020	0.377	1.26	3.71	<10	37.1	0.13	0.338	0.08	0.065	11.25	2.96	11.80	2.15
14		0.18	0.0010	0.144	1.41	3.97	<10	65.8	0.18	0.469	0.02	0.083	16.85	5.19	15.55	4.54
15		0.14	0.0020	0.936	3.42	17.80	<10	79.7	0.42	0.512	0.10	0.206	14.80	7.29	15.80	2.35
16		0.10	0.0090	0.133	0.53	2.65	<10	22.5	0.06	0.330	0.08	0.031	4.74	2.36	19.15	1.335
17		0.22	0.0031	0.607	3.02	39.4	<10	44.7	0.36	1.370	0.04	0.219	14.50	3.46	14.45	2.57
18		0.10	0.0006	0.154	0.64	1.92	<10	38.6	0.05	0.259	0.06	0.050	7.55	2.98	15.55	6.34
19		0.16	0.0087	0.739	2.78	362	<10	105.5	0.42	3.84	0.06	0.220	20.2	7.20	19.95	19.85
20		0.08	<0.0002	0.128	0.42	1.81	<10	29.6	0.05	0.428	0.07	0.054	6.70	1.115	14.85	3.39
21		0.12	0.0023	0.770	2.34	24.8	<10	94.1	0.88	1.415	0.14	0.256	24.4	21.6	15.70	20.1
22		0.12	0.0002	0.469	1.91	11.65	<10	44.5	0.16	0.640	0.05	0.084	11.45	3.16	14.60	2.91
23		0.18	0.0099	1.110	2.16	188.0	<10	51.8	0.25	3.14	0.11	0.452	15.05	8.01	26.2	3.57
24		0.10	0.0019	0.323	0.94	6.04	<10	55.0	0.15	1.020	0.08	0.176	10.65	2.40	16.00	4.57
25		0.22	0.0060	0.373	2.85	110.0	<10	32.3	0.24	0.389	0.11	0.410	20.4	3.75	25.3	1.825
26		0.12	0.0017	0.584	2.97	27.7	<10	65.8	0.44	0.385	0.11	0.959	19.55	7.11	26.4	3.36
27		0.16	0.0420	0.435	0.39	47.7	<10	38.0	0.05	2.01	0.07	0.200	9.72	1.605	7.38	8.37
28		0.12	0.0036	0.514	2.33	410	<10	165.0	0.73	2.22	0.25	1.465	24.2	33.0	17.25	18.55
29		0.22	0.0006	0.659	1.86	8.45	<10	46.1	0.20	0.357	0.05	0.420	10.95	3.73	11.95	4.10
30		0.10	0.0018	0.461	2.00	405	<10	137.5	0.65	1.185	0.24	0.548	21.0	17.35	16.70	25.2
31		0.16	0.0012	0.408	2.36	97.8	<10	130.0	0.62	0.772	0.17	0.475	22.5	13.65	16.45	20.2
32		0.14	0.0007	0.309	1.10	8.77	<10	73.5	0.20	0.400	0.19	0.695	10.15	6.18	17.05	12.00
33		0.16	0.0005	0.172	0.77	10.05	<10	34.5	0.09	0.862	0.03	0.040	12.05	6.52	8.60	4.89
34		0.20	0.0018	1.150	2.03	14.60	<10	48.7	0.26	1.315	0.07	0.112	10.65	7.92	25.1	6.29
35		0.08	<0.0002	0.171	0.76	3.09	<10	44.3	0.06	0.383	0.05	0.043	5.88	2.30	13.85	1.370
36		0.24	0.0020	0.126	0.68	10.00	<10	72.3	0.09	0.681	0.25	0.255	6.75	3.49	21.0	3.35
37		0.16	0.0035	1.165	1.11	2.93	<10	28.3	0.09	0.638	0.06	0.074	6.09	1.715	15.25	1.175
38		0.24	0.0034	0.478	1.53	12.50	<10	91.2	0.25	1.150	0.24	0.236	14.75	3.60	15.45	10.45
39		0.20	0.0029	0.531	1.71	28.2	10	88.0	0.23	0.600	0.12	0.225	17.20	5.77	7.78	21.1
40		0.18	0.0049	0.444	1.34	7.37	<10	36.4	0.16	0.835	0.05	0.049	14.80	1.650	12.20	6.06
41		0.14	0.0033	0.256	1.36	3.85	<10	42.1	0.13	1.015	0.06	0.051	13.05	1.795	13.50	9.23
42		0.16	0.0006	0.212	0.68	0.64	<10	22.3	0.06	0.154	0.02	0.037	6.63	0.769	8.56	0.901
43		0.22	0.0019	0.511	2.73	22.9	<10	38.9	0.22	1.020	0.04	0.150	12.15	4.40	23.4	2.79
44		0.16	0.0009	0.142	1.14	12.90	<10	67.2	0.11	0.688	0.17	0.185	11.95	7.05	15.15	3.95

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001	0.002
05		43.5	2.10	7.94	0.029	0.012	0.050	0.023	0.05	7.49	5.6	0.18	55.6	3.87	0.007	3.23
06		64.0	3.77	7.97	0.056	0.004	0.055	0.051	0.07	15.00	4.9	0.22	290	11.40	0.010	2.11
07		118.5	4.00	10.20	0.037	0.006	0.083	0.061	0.05	7.38	4.1	0.16	168.5	23.7	0.009	2.77
08		330	2.56	5.55	0.036	0.021	0.053	0.032	0.06	12.30	8.4	0.24	50.4	37.8	0.009	0.655
09		677	5.48	12.60	0.057	0.003	0.089	0.476	0.05	7.85	7.6	0.27	144.5	207	0.011	2.79
10		615	3.35	10.10	0.064	0.036	0.228	0.028	0.10	13.00	8.1	0.40	94.3	225	0.012	5.49
11		28.3	4.01	13.40	0.041	0.022	0.034	0.029	0.08	10.20	3.4	0.22	395	9.32	0.011	5.34
12		163.5	4.70	9.15	0.046	0.013	0.072	0.049	0.03	7.08	6.9	0.40	186.5	48.6	0.008	4.23
13		41.8	1.330	9.23	0.026	0.025	0.039	0.014	0.03	5.68	1.6	0.14	91.1	8.21	0.012	3.15
14		41.7	2.80	9.09	0.033	<0.002	0.045	0.019	0.04	8.82	0.9	0.13	212	10.65	0.010	0.458
15		130.5	2.44	11.55	0.041	0.010	0.087	0.042	0.11	8.49	5.2	0.28	127.0	8.39	0.015	4.15
16		16.20	1.800	5.57	0.017	0.005	0.019	0.010	0.03	2.60	1.2	0.12	49.3	8.43	0.013	1.520
17		61.1	2.31	10.40	0.035	0.008	0.105	0.047	0.03	7.79	3.0	0.08	66.8	12.10	0.011	2.40
18		10.05	1.610	5.60	0.025	0.016	0.034	0.011	0.09	3.90	1.4	0.15	72.4	7.67	0.012	1.705
19		160.0	4.31	15.25	0.042	0.006	0.046	0.099	0.13	10.20	15.1	0.39	263	92.8	0.011	3.53
20		9.80	0.690	4.09	0.015	0.006	0.034	<0.005	0.04	3.46	0.8	0.05	50.9	10.75	0.013	1.400
21		1570	2.26	7.95	0.047	0.006	0.077	0.072	0.09	14.85	7.3	0.27	601	58.5	0.015	1.895
22		23.1	1.940	14.00	0.018	0.012	0.078	0.036	0.04	6.14	2.8	0.18	109.0	9.11	0.012	2.54
23		582	4.09	9.07	0.048	0.010	0.103	0.291	0.06	8.07	8.0	0.45	346	18.35	0.013	1.950
24		40.1	1.020	11.00	0.022	0.020	0.035	0.018	0.07	5.43	2.0	0.24	172.0	4.06	0.014	2.80
25		80.4	3.91	10.80	0.061	0.027	0.132	0.037	0.03	14.25	3.8	0.22	122.5	16.20	0.012	3.93
26		76.9	4.25	9.15	0.052	0.019	0.140	0.049	0.05	9.62	6.7	0.34	337	18.00	0.013	2.08
27		22.0	0.990	3.51	0.018	0.007	0.028	0.028	0.04	4.01	0.6	0.04	59.2	20.4	0.012	1.960
28		964	2.71	10.10	0.050	0.006	0.055	0.090	0.12	12.85	13.7	0.41	803	50.2	0.015	1.575
29		62.3	3.13	11.95	0.038	0.003	0.066	0.028	0.04	5.84	4.7	0.11	253	33.4	0.009	2.34
30		170.0	3.75	9.55	0.052	0.003	0.091	0.068	0.11	12.35	10.0	0.36	2670	129.0	0.016	1.065
31		246	3.56	10.60	0.061	0.005	0.051	0.057	0.08	14.30	12.3	0.44	892	140.0	0.013	1.620
32		71.8	3.58	9.24	0.038	0.011	0.044	0.033	0.06	5.56	3.2	0.15	659	152.5	0.012	2.87
33		23.0	1.500	6.28	0.023	0.007	0.048	0.012	0.04	6.18	0.8	0.06	102.0	11.05	0.007	1.875
34		75.1	2.32	8.97	0.032	0.015	0.098	0.047	0.09	5.46	4.0	0.30	497	6.24	0.012	2.39
35		17.05	1.430	10.10	0.024	0.009	0.045	0.013	0.05	3.19	1.8	0.13	70.5	14.05	0.011	3.40
36		79.5	2.60	16.60	0.022	0.013	0.097	0.030	0.05	4.06	2.7	0.17	69.8	70.1	0.011	4.89
37		57.9	1.220	6.10	0.012	0.002	0.083	0.016	0.04	3.51	1.8	0.12	34.1	4.62	0.011	1.410
38		97.4	1.790	12.00	0.019	0.003	0.084	0.045	0.06	7.59	9.1	0.26	192.0	47.8	0.010	2.61
39		135.0	4.81	3.42	0.038	0.078	0.033	0.138	0.07	8.48	5.8	0.05	300	239	0.007	1.005
40		36.7	1.200	8.19	0.022	0.009	0.069	0.028	0.04	7.87	1.6	0.07	44.1	6.32	0.009	2.78
41		29.5	0.820	8.02	0.023	<0.002	0.061	0.035	0.07	6.99	4.5	0.14	64.8	3.24	0.009	0.774
42		6.34	0.720	4.09	0.008	<0.002	0.032	<0.005	0.02	3.71	0.7	0.05	22.2	0.88	0.009	0.704
43		62.4	3.63	15.65	0.029	0.012	0.164	0.064	0.04	6.56	6.8	0.20	179.0	16.65	0.009	2.95
44		18.40	3.41	14.80	0.031	0.023	0.038	0.020	0.13	5.82	4.0	0.26	278	34.3	0.013	3.11

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

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.04	0.001	0.005	0.001	0.002	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01
05		4.18	0.053	3.92	<0.001	<0.002	6.37	<0.001	0.05	0.713	1.010	0.8	1.79	5.14	0.016	0.03
06		9.51	0.097	21.3	<0.001	<0.002	11.15	<0.001	0.03	9.66	1.600	0.7	0.77	6.15	0.005	0.11
07		5.31	0.074	28.6	<0.001	<0.002	11.75	<0.001	0.05	8.23	0.635	1.4	2.08	8.58	0.007	0.14
08		7.71	0.024	18.30	<0.001	<0.002	21.4	<0.001	0.05	4.66	2.29	0.8	0.37	21.4	<0.005	0.05
09		5.85	0.110	10.40	<0.001	<0.002	11.05	0.001	0.08	27.7	1.225	2.6	3.05	9.41	0.006	0.89
10		6.09	0.085	13.75	<0.001	<0.002	10.35	0.005	0.07	11.90	2.32	4.0	0.98	16.90	0.007	0.04
11		8.95	0.099	7.92	<0.001	<0.002	15.00	<0.001	0.04	1.420	1.400	0.7	3.10	9.05	0.023	0.05
12		6.95	0.074	20.6	0.001	<0.002	4.33	<0.001	0.07	4.08	1.380	2.0	0.49	14.40	0.013	0.28
13		5.30	0.057	7.50	<0.001	<0.002	5.46	<0.001	0.05	0.590	0.632	0.5	2.32	8.78	0.008	0.03
14		6.20	0.125	3.32	<0.001	<0.002	10.35	<0.001	0.05	0.786	0.591	0.5	0.46	6.93	<0.005	0.11
15		7.77	0.092	6.69	<0.001	<0.002	8.74	<0.001	0.07	1.490	1.215	1.2	1.28	10.20	0.031	0.08
16		4.31	0.037	3.30	<0.001	<0.002	3.49	<0.001	0.03	0.220	0.609	0.3	0.97	7.76	<0.005	0.03
17		3.57	0.095	8.09	<0.001	<0.002	4.94	<0.001	0.08	2.74	0.596	1.2	1.09	5.81	0.013	0.09
18		6.71	0.050	4.56	0.001	<0.002	9.76	<0.001	0.04	0.352	0.624	0.3	0.83	9.80	0.005	0.08
19		9.14	0.058	29.7	0.001	<0.002	20.5	<0.001	0.04	8.40	1.970	1.0	1.94	14.05	<0.005	0.10
20		6.33	0.037	5.58	<0.001	<0.002	6.66	<0.001	0.04	0.187	0.490	0.2	0.89	9.32	<0.005	0.03
21		8.18	0.134	13.10	0.001	<0.002	23.3	0.004	0.07	2.12	0.756	1.1	1.62	16.30	0.016	0.12
22		5.98	0.103	9.39	<0.001	<0.002	5.92	<0.001	0.05	1.120	0.592	0.8	1.26	8.68	0.006	0.04
23		11.90	0.171	29.6	<0.001	<0.002	7.77	<0.001	0.05	6.35	1.650	1.6	0.92	11.00	<0.005	0.25
24		6.20	0.053	15.40	<0.001	<0.002	8.04	<0.001	0.04	0.392	1.185	0.2	1.28	12.70	0.005	0.11
25		4.94	0.104	8.09	<0.001	<0.002	3.54	<0.001	0.10	1.465	1.015	2.0	0.58	9.53	0.017	0.04
26		11.85	0.150	11.00	<0.001	<0.002	7.90	<0.001	0.09	1.535	1.275	1.0	0.44	12.55	0.007	0.06
27		2.76	0.043	11.40	<0.001	<0.002	5.74	<0.001	0.04	2.22	0.422	0.1	1.55	19.65	0.006	0.06
28		9.98	0.138	33.3	0.001	<0.002	17.50	0.003	0.12	2.09	1.070	1.2	0.78	32.3	0.005	0.05
29		3.60	0.064	7.40	<0.001	<0.002	10.70	<0.001	0.04	0.577	0.757	0.5	1.39	11.00	<0.005	0.04
30		10.40	0.167	26.6	<0.001	<0.002	27.7	0.001	0.12	4.42	0.739	0.8	0.94	32.9	<0.005	0.06
31		10.30	0.108	24.8	<0.001	<0.002	15.05	0.004	0.09	3.76	1.055	1.5	1.21	25.2	<0.005	0.04
32		5.42	0.055	12.00	0.001	<0.002	16.60	0.001	0.06	1.635	0.676	0.7	1.43	20.2	<0.005	0.04
33		3.08	0.050	8.01	<0.001	<0.002	8.03	<0.001	0.05	2.73	0.470	0.3	1.83	12.55	<0.005	0.04
34		10.05	0.173	21.2	<0.001	<0.002	10.55	<0.001	0.14	3.96	0.427	1.2	0.91	10.40	0.006	0.08
35		3.53	0.030	13.00	<0.001	<0.002	3.12	<0.001	0.04	1.045	0.852	0.3	1.30	7.64	0.008	0.02
36		5.30	0.066	13.10	0.001	<0.002	6.99	<0.001	0.04	4.36	0.955	0.5	1.38	29.4	0.008	0.05
37		3.04	0.071	5.69	0.002	<0.002	3.44	<0.001	0.06	0.686	0.441	0.5	0.86	6.91	0.005	0.04
38		5.55	0.095	19.15	0.001	<0.002	14.70	0.001	0.06	2.88	0.574	0.8	1.72	44.4	<0.005	0.03
39		3.40	0.086	21.0	<0.001	<0.002	15.10	<0.001	0.03	10.05	2.96	1.2	0.41	21.2	0.006	0.12
40		4.51	0.090	12.50	<0.001	<0.002	8.46	0.001	0.08	1.450	0.408	0.5	1.60	12.90	0.007	0.08
41		4.07	0.081	12.50	0.001	<0.002	13.00	<0.001	0.04	0.783	0.354	0.5	1.11	12.95	<0.005	0.02
42		2.24	0.034	2.98	0.001	<0.002	2.26	<0.001	0.03	0.177	0.347	0.2	0.42	5.75	<0.005	<0.01
43		10.00	0.090	16.50	0.001	<0.002	5.94	<0.001	0.08	1.760	1.045	1.3	0.85	9.62	0.010	0.06
44		6.82	0.083	11.10	<0.001	<0.002	9.21	<0.001	0.04	1.130	1.430	0.3	0.93	11.70	0.016	0.02

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

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01
05		0.436	0.066	0.062	2.47	64.9	0.966	2.95	14.5	0.71
06		0.494	0.018	0.137	2.78	59.0	3.15	5.81	59.4	0.31
07		0.137	0.024	0.148	1.525	60.3	6.49	1.755	35.5	0.40
08		2.50	0.001	0.522	2.38	48.4	1.290	5.41	49.8	0.94
09		0.501	0.026	0.193	2.33	72.3	6.18	2.72	30.9	0.19
10		1.825	0.118	0.124	11.15	86.4	3.98	6.02	17.4	2.36
11		0.347	0.066	0.147	0.980	58.3	2.37	3.19	43.0	1.59
12		0.530	0.046	0.114	1.550	62.7	3.55	2.94	29.1	1.00
13		0.117	0.067	0.096	1.185	39.6	1.385	1.760	12.9	1.14
14		0.060	0.013	0.175	0.865	70.7	3.05	1.920	22.6	0.02
15		0.204	0.080	0.132	1.715	61.2	11.50	2.60	21.2	0.71
16		0.146	0.056	0.129	0.655	55.2	1.695	0.911	10.7	0.15
17		0.222	0.015	0.093	2.09	61.6	5.75	2.67	17.5	0.47
18		0.081	0.062	0.126	0.481	45.7	1.465	0.782	17.0	0.87
19		0.307	0.043	0.239	6.53	78.2	6.15	3.90	75.2	0.46
20		0.101	0.028	0.134	0.609	21.4	1.205	0.566	9.4	0.32
21		0.171	0.036	0.220	23.1	37.0	53.4	5.47	31.4	0.36
22		0.082	0.043	0.082	1.810	47.8	2.67	1.655	26.4	0.82
23		1.025	0.040	0.151	2.87	59.3	22.7	3.08	53.0	0.65
24		0.153	0.113	0.119	1.020	34.0	1.545	1.340	14.7	0.83
25		1.165	0.071	0.051	19.85	55.6	4.61	8.96	12.8	1.48
26		0.379	0.056	0.103	3.34	59.3	2.19	4.50	43.3	1.00
27		0.059	0.034	0.078	0.498	24.9	10.65	0.651	21.1	0.30
28		0.257	0.039	0.191	23.5	42.0	107.5	6.72	60.3	0.32
29		0.108	0.042	0.136	1.345	57.3	2.26	1.870	17.2	0.27
30		0.161	0.028	0.196	20.7	60.5	26.8	7.90	61.7	0.17
31		0.264	0.042	0.180	17.15	62.6	30.7	8.23	52.3	0.37
32		0.293	0.082	0.121	3.43	69.6	15.85	2.06	23.5	0.60
33		0.076	0.028	0.092	1.200	44.8	2.95	1.005	10.0	0.56
34		0.076	0.037	0.120	2.42	48.9	1.660	1.710	26.3	1.02
35		0.235	0.117	0.044	0.739	64.7	0.304	0.762	18.8	0.44
36		0.278	0.185	0.071	1.165	103.5	2.01	0.962	21.6	0.61
37		0.040	0.029	0.064	1.530	34.9	1.380	0.836	11.9	0.10
38		0.047	0.034	0.200	2.35	51.5	2.52	1.875	32.3	0.25
39		3.75	0.002	0.347	3.06	54.9	3.83	2.34	53.9	1.97
40		0.035	0.030	0.080	2.21	44.4	1.405	1.685	14.2	0.80
41		0.028	0.016	0.255	1.465	28.7	0.786	1.555	15.7	0.05
42		0.044	0.016	0.064	0.516	21.2	0.144	0.652	6.2	0.03
43		0.150	0.042	0.078	2.54	83.8	2.93	1.965	30.8	0.82
44		0.217	0.138	0.095	1.290	100.0	1.230	2.93	25.5	1.67

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	WEI-21	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01	0.005
45		0.12	0.0010	0.342	1.32	13.60	<10	67.2	0.23	0.606	0.06	0.539	13.60	0.679	5.54	0.439
46		0.14	0.0028	0.375	0.80	17.35	<10	59.6	0.13	1.855	0.10	0.247	12.25	3.36	17.75	12.30
47		0.08	0.0055	4.22	1.27	32.4	10	64.0	0.22	21.6	0.09	0.471	5.73	4.66	6.31	11.75
48		0.14	0.0021	0.674	1.25	12.60	<10	92.3	0.12	1.665	0.10	0.178	11.70	2.71	15.10	6.21
49		0.12	0.0018	0.384	1.35	5.48	<10	41.8	0.14	0.433	0.04	0.065	12.50	2.68	8.97	4.59
50		0.16	0.0012	0.743	1.72	8.89	<10	59.7	0.18	0.477	0.09	0.203	10.45	4.89	15.25	3.15
51		0.24	0.0015	0.197	0.86	8.17	<10	41.6	0.12	0.779	0.05	0.104	13.35	3.11	10.90	8.70
52		0.16	0.0013	0.732	2.42	7.80	<10	47.8	0.26	0.532	0.05	0.207	9.84	2.68	15.55	1.805
101		0.28	0.0019	0.166	1.99	10.40	<10	51.3	0.22	0.432	0.05	0.094	11.00	4.06	17.15	4.43
102		0.16	0.0011	0.518	0.41	1.60	<10	28.2	0.06	0.241	0.04	0.119	5.45	3.13	22.9	2.11
103		0.16	0.0015	0.283	0.95	11.85	<10	29.5	0.08	0.745	0.04	0.133	7.78	4.04	18.70	3.13
104		0.18	0.0009	0.215	0.45	2.25	<10	42.7	0.03	0.535	0.05	0.050	8.54	1.130	4.87	11.65
105		0.08	0.0018	0.128	0.33	0.79	<10	29.4	0.03	0.364	0.04	0.041	6.67	0.326	5.01	2.54
106		0.10	0.0017	0.099	0.39	0.84	<10	22.8	0.03	0.511	0.04	0.054	7.34	0.631	9.38	3.90
107		0.08	0.0005	0.076	0.39	0.99	<10	26.9	0.06	0.171	0.03	0.072	6.28	1.555	12.90	1.125
108		0.06	0.0022	0.085	0.43	0.78	<10	24.7	0.03	0.279	0.05	0.043	5.54	0.293	5.86	1.040
109		0.06	0.0012	0.475	1.52	0.82	<10	30.5	0.21	0.094	0.08	0.150	8.71	0.356	6.47	0.596
110		0.26	0.0159	0.493	1.87	12.60	<10	58.4	0.24	0.794	0.08	0.441	8.79	5.60	23.9	1.620
111		0.16	0.0009	0.102	0.35	1.23	<10	29.5	0.04	0.216	0.04	0.040	5.76	1.830	16.90	1.275
112		0.10	0.0008	0.713	1.03	1.70	<10	34.0	0.11	0.250	0.05	0.073	9.69	0.454	8.15	0.928
113		0.10	0.0059	0.609	1.15	10.90	<10	299	2.23	0.620	0.92	6.29	34.2	157.0	15.75	9.04
114		0.06	0.0008	1.035	0.17	0.87	<10	189.0	0.06	0.065	0.86	0.787	1.220	1.865	12.90	0.464
115		0.10	0.0047	1.390	2.68	35.0	<10	122.0	0.76	1.405	0.14	0.260	30.5	9.66	17.60	10.15
116		0.08	0.0038	0.382	0.58	2.07	<10	38.6	0.05	0.306	0.04	0.155	8.31	0.521	6.14	1.395
117		0.12	0.0115	0.223	0.63	2.49	<10	32.7	0.06	0.653	0.04	0.151	9.32	1.410	8.95	4.64
118		0.12	0.0030	0.068	0.34	2.35	<10	25.9	0.04	0.818	0.03	0.122	8.31	0.380	5.37	1.010
119		0.10	0.0158	0.214	0.26	1.02	<10	39.1	0.03	0.187	0.06	0.052	5.10	0.800	17.30	0.817
120		0.18	0.0011	0.099	0.94	30.6	<10	137.0	0.18	1.135	0.44	0.108	19.55	6.95	18.70	2.96
121		0.22	0.0029	0.469	1.44	70.7	<10	146.0	0.45	0.719	0.38	0.494	21.3	14.75	34.1	5.10
122		0.08	0.0010	1.325	1.59	5.13	<10	62.0	0.24	0.294	0.17	0.247	10.25	1.985	17.20	2.50
123		0.14	0.0046	0.139	0.42	4.54	<10	35.7	0.06	0.615	0.05	0.039	9.73	1.085	9.32	8.92
124		0.18	0.0004	0.333	0.61	2.88	<10	83.5	0.10	0.296	0.13	0.591	8.33	1.790	13.75	3.36
125		0.10	0.0031	0.797	3.33	72.2	<10	56.2	0.35	0.425	0.09	0.488	14.80	2.90	27.2	1.195
126		0.18	0.0145	0.393	1.51	376	<10	58.7	0.16	1.350	0.16	0.155	15.20	4.55	23.7	7.23
127		0.12	0.0011	1.015	1.76	9.63	<10	71.0	0.32	0.524	0.08	0.150	15.70	2.80	17.75	7.29
128		0.20	0.0019	0.207	0.96	7.04	<10	27.3	0.08	0.470	0.04	0.099	13.30	2.21	12.50	1.285
129		0.20	0.0009	0.621	3.61	11.85	<10	62.7	0.50	0.323	0.10	0.170	15.20	4.94	22.0	2.12
130		0.20	0.0014	0.505	4.63	12.25	<10	49.7	0.67	0.244	0.09	0.164	17.60	5.12	35.7	3.51
131		0.16	0.0034	0.673	1.16	9.08	<10	182.0	0.13	0.531	0.25	0.148	7.88	3.64	15.90	7.37
132		0.12	0.0007	4.45	0.67	13.50	<10	122.0	0.23	0.487	0.41	2.19	11.20	4.92	13.80	14.75

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CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001	0.002
45		26.5	1.410	1.835	0.030	0.003	0.130	0.018	0.01	7.41	0.4	0.01	41.9	0.69	0.013	0.489
46		26.4	1.640	7.54	0.019	0.005	0.047	0.016	0.06	6.15	2.2	0.11	92.4	76.2	0.009	2.04
47		65.4	2.06	4.47	0.009	0.002	0.065	0.138	0.10	2.97	5.5	0.13	235	42.6	0.011	0.549
48		22.9	1.020	11.00	0.020	0.011	0.059	0.029	0.08	6.38	6.5	0.19	62.0	12.30	0.015	2.71
49		74.5	1.310	9.11	0.024	0.005	0.071	0.021	0.05	6.39	2.2	0.09	266	6.28	0.010	2.21
50		39.3	1.870	11.30	0.019	0.006	0.087	0.020	0.06	5.88	3.5	0.18	91.1	10.05	0.009	2.05
51		34.3	1.100	8.58	0.023	0.009	0.032	0.019	0.06	7.23	2.8	0.19	90.3	17.75	0.009	4.23
52		37.5	1.080	7.93	0.026	0.007	0.171	0.024	0.04	5.85	3.8	0.13	45.5	5.28	0.009	2.48
101		37.3	2.15	7.68	0.029	0.003	0.060	0.033	0.05	5.71	5.8	0.16	442	5.02	0.009	1.395
102		10.05	1.940	4.79	0.024	0.012	0.062	0.012	0.04	3.21	0.8	0.04	50.0	2.51	0.015	1.700
103		27.8	2.02	11.90	0.020	0.003	0.045	0.015	0.03	4.30	1.6	0.08	51.8	6.98	0.008	1.845
104		5.12	0.300	6.86	0.010	<0.002	0.027	<0.005	0.04	4.78	0.6	0.04	115.5	2.98	0.008	1.765
105		3.43	0.194	2.76	0.012	0.005	0.041	<0.005	0.04	3.56	0.4	0.02	17.3	1.00	0.013	2.01
106		2.99	0.380	4.60	0.019	0.012	0.035	0.006	0.04	4.03	0.6	0.04	34.6	1.10	0.011	3.21
107		4.56	0.780	3.00	0.010	0.003	0.035	<0.005	0.03	3.40	0.6	0.05	29.7	3.38	0.012	1.295
108		3.44	0.236	4.98	0.010	<0.002	0.040	0.007	0.03	3.03	0.6	0.03	30.6	1.40	0.015	0.750
109		114.0	0.191	2.11	0.023	<0.002	0.149	0.009	0.04	5.16	0.2	0.02	15.9	3.19	0.020	0.420
110		138.0	3.44	14.00	0.032	0.019	0.091	0.036	0.04	5.21	3.1	0.24	205	28.2	0.014	5.15
111		7.81	1.200	4.59	0.013	0.004	0.026	0.006	0.04	3.30	0.9	0.06	37.6	3.05	0.011	1.560
112		33.0	0.340	5.86	0.013	<0.002	0.079	0.010	0.03	5.28	0.9	0.03	20.3	3.01	0.012	1.535
113		955	1.640	4.14	0.085	0.002	0.123	0.050	0.10	31.2	4.6	0.14	2520	54.4	0.018	0.594
114		27.5	0.148	0.403	0.013	0.005	0.144	0.005	0.05	0.778	0.1	0.07	29.3	12.55	0.023	0.176
115		668	3.10	7.62	0.091	0.007	0.157	0.084	0.07	26.2	7.2	0.25	309	113.5	0.019	1.455
116		30.6	0.400	4.29	0.008	<0.002	0.030	0.023	0.03	4.64	0.4	0.02	16.3	23.4	0.008	0.797
117		15.55	0.770	5.81	0.012	0.005	0.022	0.007	0.04	4.78	1.2	0.09	57.8	18.30	0.007	2.22
118		4.58	0.280	4.81	0.006	0.007	0.017	<0.005	0.02	4.71	0.3	0.02	16.0	19.85	0.009	3.07
119		5.22	1.140	2.49	0.009	0.004	0.028	<0.005	0.02	2.69	0.3	0.03	26.0	4.62	0.013	0.910
120		48.2	2.10	4.63	0.056	0.005	0.018	0.025	0.09	9.11	5.9	0.37	217	32.1	0.025	1.390
121		106.5	3.66	6.38	0.077	0.004	0.042	0.053	0.18	9.96	8.9	0.50	503	29.8	0.026	1.625
122		78.3	0.870	6.75	0.031	0.003	0.157	0.036	0.03	5.31	2.6	0.11	66.2	50.6	0.013	0.374
123		6.62	0.530	5.94	0.025	0.006	0.043	0.009	0.06	4.91	1.2	0.07	46.9	8.28	0.009	2.14
124		8.22	0.460	5.90	0.023	0.006	0.026	0.007	0.03	4.46	1.2	0.05	23.5	38.4	0.009	0.779
125		111.5	5.67	10.15	0.058	0.026	0.279	0.104	0.03	7.41	3.8	0.11	115.5	27.5	0.014	4.48
126		200	3.91	15.15	0.043	0.008	0.043	0.086	0.04	7.39	5.9	0.17	148.0	318	0.008	3.09
127		69.7	2.79	9.54	0.039	0.005	0.100	0.035	0.05	7.83	3.2	0.11	89.6	45.5	0.013	1.790
128		13.25	1.710	14.25	0.027	0.007	0.040	0.010	0.02	6.94	1.3	0.07	92.3	6.95	0.005	4.35
129		135.0	3.49	7.49	0.039	0.037	0.165	0.048	0.03	7.48	9.1	0.26	166.0	10.25	0.008	3.45
130		132.0	3.97	9.44	0.051	0.056	0.235	0.052	0.04	8.46	8.1	0.22	209	21.6	0.013	4.20
131		80.5	1.950	10.15	0.032	0.007	0.108	0.041	0.06	4.15	4.7	0.19	128.0	48.6	0.012	1.785
132		108.0	1.990	8.45	0.036	0.005	0.053	0.019	0.05	7.31	2.4	0.09	456	68.0	0.009	1.580

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

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.04	0.001	0.005	0.001	0.002	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01
45		3.58	0.138	10.15	0.001	<0.002	0.941	<0.001	0.21	1.070	0.299	1.2	8.37	6.89	<0.005	0.03
46		7.65	0.057	14.80	<0.001	<0.002	8.69	<0.001	0.04	4.57	0.779	0.3	1.00	14.60	<0.005	0.05
47		3.22	0.080	70.9	<0.001	<0.002	13.20	0.001	0.05	1.980	0.394	0.2	0.76	11.55	<0.005	0.44
48		6.93	0.061	25.8	<0.001	<0.002	7.74	<0.001	0.06	0.995	0.971	0.4	1.12	20.7	0.006	0.01
49		3.36	0.070	7.71	<0.001	<0.002	8.32	<0.001	0.06	0.822	0.713	0.3	1.59	7.35	0.005	0.03
50		6.89	0.078	8.48	0.001	<0.002	7.75	<0.001	0.05	1.210	0.758	0.5	0.78	13.40	0.009	0.03
51		4.23	0.050	12.15	0.001	<0.002	13.30	<0.001	0.05	1.860	0.702	0.2	1.98	8.52	0.006	0.03
52		5.63	0.083	15.30	<0.001	<0.002	3.52	<0.001	0.10	2.98	0.429	0.8	0.65	8.73	0.007	0.02
101		6.01	0.085	10.80	<0.001	<0.002	7.78	<0.001	0.06	1.100	0.722	0.6	1.03	11.50	<0.005	0.05
102		4.83	0.046	4.65	<0.001	<0.002	5.77	<0.001	0.06	0.556	0.614	0.1	0.86	6.32	0.011	<0.01
103		4.76	0.052	9.37	<0.001	<0.002	6.50	<0.001	0.05	2.20	0.665	0.1	3.25	12.80	0.005	0.05
104		1.44	0.024	7.43	<0.001	<0.002	11.00	<0.001	0.01	0.735	0.403	0.1	1.14	18.25	<0.005	<0.01
105		1.79	0.034	7.35	<0.001	<0.002	5.19	<0.001	0.04	0.191	0.385	0.1	1.96	10.55	0.005	<0.01
106		2.30	0.031	12.65	0.001	<0.002	5.73	<0.001	0.03	0.275	0.545	0.1	1.28	8.98	0.009	<0.01
107		3.56	0.034	3.33	<0.001	<0.002	4.56	<0.001	0.03	0.245	0.502	0.1	2.86	7.87	<0.005	<0.01
108		1.76	0.035	6.03	0.001	<0.002	2.74	<0.001	0.03	0.176	0.328	0.1	0.66	10.50	<0.005	0.01
109		4.19	0.210	6.53	<0.001	<0.002	3.26	<0.001	0.19	0.177	0.195	0.8	13.20	9.20	<0.005	<0.01
110		6.00	0.204	10.30	<0.001	<0.002	4.78	<0.001	0.09	2.23	1.095	1.1	0.93	15.65	0.015	0.15
111		3.57	0.023	3.81	<0.001	<0.002	5.26	<0.001	0.02	0.164	0.430	0.2	1.83	10.15	<0.005	0.03
112		2.67	0.072	6.40	<0.001	<0.002	2.98	<0.001	0.06	0.211	0.248	0.3	1.21	14.50	0.006	<0.01
113		6.86	0.215	30.3	0.001	<0.002	16.80	0.003	0.20	2.65	0.499	2.4	9.72	79.4	<0.005	0.04
114		8.70	0.083	2.54	<0.001	<0.002	4.16	0.001	0.18	0.225	0.451	0.7	0.19	88.9	0.005	0.01
115		8.71	0.176	23.9	0.001	<0.002	17.25	0.008	0.20	5.50	1.385	4.7	1.57	20.0	0.007	0.18
116		2.19	0.032	3.53	<0.001	<0.002	3.37	<0.001	0.04	0.499	0.272	0.3	0.79	9.35	<0.005	0.02
117		2.55	0.030	9.96	0.002	<0.002	6.89	<0.001	0.02	0.394	0.634	0.2	1.71	10.50	0.005	0.05
118		1.44	0.019	9.30	0.001	<0.002	2.78	<0.001	0.02	0.385	0.514	0.1	1.05	9.32	0.005	0.01
119		2.53	0.024	1.880	0.001	<0.002	2.50	<0.001	0.02	0.118	0.352	0.1	1.77	16.00	0.005	0.01
120		6.78	0.124	6.88	<0.001	<0.002	8.56	<0.001	0.02	1.310	2.01	0.2	0.25	30.5	<0.005	0.01
121		12.00	0.122	10.95	<0.001	<0.002	18.45	<0.001	0.05	2.46	2.86	0.4	0.62	33.1	<0.005	0.05
122		6.10	0.137	7.06	<0.001	<0.002	6.16	0.003	0.12	0.492	0.234	2.0	0.40	21.4	<0.005	0.07
123		3.51	0.047	15.45	<0.001	<0.002	13.05	<0.001	0.04	0.283	0.588	0.2	2.11	12.10	0.008	0.02
124		2.87	0.028	8.14	<0.001	<0.002	7.18	<0.001	0.03	0.228	0.393	0.1	0.87	14.10	<0.005	0.01
125		6.53	0.105	11.55	<0.001	<0.002	3.15	<0.001	0.11	1.015	1.500	1.9	0.85	9.55	0.035	0.10
126		8.63	0.043	26.3	<0.001	<0.002	9.37	0.001	0.05	2.88	1.325	1.3	1.50	18.30	0.005	0.18
127		5.70	0.067	8.04	<0.001	<0.002	15.70	<0.001	0.08	1.090	0.611	1.0	1.53	17.75	<0.005	0.04
128		4.09	0.026	8.95	<0.001	<0.002	3.76	<0.001	0.03	0.910	0.969	0.3	1.60	8.82	0.005	0.07
129		7.07	0.087	9.13	<0.001	<0.002	4.24	<0.001	0.07	0.873	2.47	1.1	0.52	19.05	0.041	0.07
130		10.55	0.119	7.34	<0.001	<0.002	6.26	0.001	0.10	0.765	2.31	1.7	0.66	13.70	0.063	0.10
131		5.76	0.093	11.20	0.001	<0.002	13.75	0.001	0.06	0.553	0.738	0.7	0.80	281	<0.005	0.10
132		4.14	0.062	17.70	<0.001	<0.002	17.40	0.001	0.06	1.290	0.686	0.4	0.92	33.6	<0.005	0.03

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

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01
45		0.022	0.002	0.037	5.14	10.4	0.376	4.72	4.4	0.10
46		0.082	0.048	0.088	2.53	50.3	2.97	1.370	25.4	0.29
47		0.120	0.006	0.170	1.525	29.9	1.485	1.080	86.6	0.06
48		0.070	0.080	0.162	3.61	38.3	0.767	1.680	41.7	0.60
49		0.056	0.024	0.188	1.365	41.3	0.771	2.28	13.0	0.21
50		0.060	0.059	0.122	1.375	51.6	1.050	1.590	19.9	0.35
51		0.072	0.070	0.101	1.170	40.5	2.62	1.185	16.9	0.49
52		0.052	0.016	0.088	1.645	29.6	1.710	1.485	19.9	0.31
101		0.117	0.026	0.130	1.150	54.7	2.52	1.695	26.0	0.13
102		0.108	0.060	0.054	0.744	74.1	0.184	0.803	11.4	0.23
103		0.086	0.056	0.053	0.829	71.9	2.63	1.070	21.8	0.15
104		0.030	0.049	0.150	0.340	18.7	0.836	0.672	10.7	0.07
105		0.036	0.034	0.101	0.332	11.1	0.432	0.433	5.6	0.15
106		0.148	0.099	0.123	0.356	23.6	0.173	0.578	6.3	0.33
107		0.135	0.026	0.089	0.356	27.9	0.206	0.476	14.4	0.06
108		0.010	0.031	0.105	0.506	14.9	0.247	0.481	6.2	0.05
109		0.016	0.004	0.028	2.09	3.5	0.399	1.830	8.9	0.05
110		0.461	0.105	0.112	2.20	81.0	4.88	1.845	18.2	0.89
111		0.176	0.054	0.118	0.394	45.3	2.00	0.567	8.7	0.09
112		0.013	0.018	0.076	1.445	16.0	1.050	1.070	6.6	0.13
113		0.103	0.008	0.335	11.90	24.8	29.2	18.25	55.2	0.11
114		0.121	0.006	0.033	0.262	2.4	0.420	0.495	25.6	0.23
115		0.526	0.019	0.216	25.2	34.8	18.00	23.0	27.8	0.43
116		0.012	0.015	0.075	0.624	15.4	3.91	0.724	5.4	0.06
117		0.048	0.074	0.103	0.678	32.5	3.54	1.065	8.6	0.21
118		0.098	0.080	0.083	0.329	19.2	1.990	0.710	4.3	0.17
119		0.039	0.027	0.118	0.315	37.7	1.030	0.689	6.3	0.11
120		1.930	0.101	0.105	1.320	66.0	2.10	4.60	28.3	0.14
121		1.630	0.133	0.203	2.52	91.2	2.08	6.59	47.0	0.19
122		0.054	0.010	0.072	4.74	26.4	18.10	2.22	13.7	0.08
123		0.146	0.108	0.131	0.761	22.4	0.651	0.883	10.1	0.38
124		0.031	0.041	0.092	0.789	23.3	0.495	1.035	10.4	0.10
125		1.435	0.068	0.052	3.88	63.0	3.24	3.05	17.6	1.22
126		0.516	0.078	0.142	7.20	80.3	92.3	2.14	27.0	0.49
127		0.100	0.047	0.125	2.89	51.0	3.49	4.01	22.9	0.43
128		0.179	0.082	0.079	0.512	85.5	1.355	1.165	13.3	0.33
129		1.405	0.074	0.085	2.11	59.5	7.27	3.66	29.6	1.60
130		1.130	0.079	0.087	3.78	61.1	14.40	4.81	29.2	2.35
131		0.139	0.078	0.135	1.815	58.6	67.5	1.300	17.6	0.30
132		0.105	0.071	0.096	2.44	61.3	20.1	2.87	22.1	0.24

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

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LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	WEI-21	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01	0.005
133		0.10	0.0026	0.926	2.08	18.65	<10	181.5	0.85	0.598	0.63	1.780	33.4	56.4	18.90	10.65
134		0.18	0.0025	1.645	1.87	20.8	<10	73.8	0.43	0.788	0.15	0.276	20.6	11.00	22.2	6.88
135		0.10	0.0017	0.617	2.16	10.45	<10	158.0	0.89	1.050	0.45	1.180	27.4	126.5	17.20	9.14
136		0.10	0.0024	0.614	1.53	99.0	<10	48.6	0.26	1.080	0.07	0.237	9.70	4.67	16.05	5.51
137		0.12	0.0034	1.225	1.04	7.69	<10	134.0	0.35	0.352	0.48	0.573	18.90	3.99	11.40	11.05
138		0.18	0.0013	0.734	2.43	20.7	<10	60.1	0.38	0.423	0.07	0.885	15.35	14.70	20.2	9.59
139		0.26	0.0005	0.777	1.48	6.55	<10	47.3	0.27	0.794	0.08	0.617	10.15	6.28	15.50	5.67
140		0.14	0.0005	0.282	1.02	4.97	<10	44.3	0.13	0.660	0.08	0.083	8.10	1.940	20.5	2.44
141		0.08	0.0012	0.923	2.01	9.14	<10	72.8	0.52	1.025	0.11	0.252	21.1	3.71	17.30	4.48
142		0.16	0.0018	0.448	1.67	13.20	<10	83.4	0.47	1.065	0.12	0.303	19.80	8.83	17.60	8.27
143		0.24	0.0012	0.289	1.13	25.2	<10	99.9	0.29	1.600	0.13	0.174	12.55	6.62	17.00	18.70
144		0.22	0.0056	0.720	1.66	103.0	<10	179.0	0.89	2.29	0.59	1.210	20.8	11.80	23.3	17.80
145		0.20	0.0013	0.575	1.63	26.1	<10	162.5	0.43	4.01	0.35	0.256	23.5	12.20	18.85	6.84
146		0.22	0.0018	0.335	1.94	81.6	<10	219	0.88	1.555	0.76	0.575	18.60	8.96	28.7	12.05
147		0.22	0.0017	0.253	2.48	15.35	<10	103.5	0.32	2.77	0.15	0.379	15.70	9.23	36.8	5.18
148		0.14	0.0004	0.429	2.12	25.6	<10	94.8	0.27	0.767	0.13	0.330	9.63	5.22	30.8	12.40

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

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001	0.002
133		1400	3.28	8.16	0.066	0.006	0.091	0.099	0.09	11.35	13.2	0.50	1250	71.0	0.012	2.02
134		647	2.98	8.44	0.055	0.011	0.096	0.058	0.05	9.13	11.6	0.44	250	57.9	0.008	3.37
135		296	3.13	6.67	0.062	0.003	0.140	0.050	0.05	11.85	8.4	0.23	2530	131.5	0.015	0.907
136		188.0	2.38	6.96	0.036	0.008	0.071	0.051	0.04	4.97	8.0	0.24	139.5	30.3	0.009	1.835
137		418	0.650	4.95	0.053	0.002	0.138	0.031	0.05	12.10	5.6	0.17	71.5	31.9	0.015	0.769
138		84.6	2.53	8.16	0.046	0.006	0.122	0.030	0.09	7.28	5.1	0.21	1090	28.3	0.013	1.480
139		41.7	1.850	10.00	0.035	0.008	0.090	0.017	0.05	5.54	2.8	0.10	215	8.20	0.014	2.53
140		15.25	0.960	8.17	0.024	0.013	0.061	0.016	0.06	4.29	1.7	0.17	67.2	5.12	0.017	2.01
141		109.5	1.260	5.99	0.050	0.010	0.095	0.038	0.06	12.85	7.4	0.24	82.4	40.7	0.017	1.450
142		96.2	2.31	9.54	0.050	0.010	0.054	0.044	0.08	10.60	8.9	0.33	302	79.6	0.014	3.05
143		49.1	2.19	8.67	0.046	0.005	0.047	0.036	0.13	7.50	5.4	0.23	768	155.0	0.013	1.895
144		250	2.32	9.10	0.082	<0.002	0.055	0.045	0.12	23.8	14.0	0.40	923	34.7	0.016	0.609
145		356	2.33	7.04	0.060	0.003	0.029	0.057	0.14	10.85	16.0	0.58	378	35.5	0.014	1.785
146		501	3.26	11.00	0.080	0.009	0.037	0.055	0.16	19.15	21.6	0.53	263	36.3	0.020	2.39
147		182.0	3.40	9.87	0.059	0.018	0.090	0.060	0.15	7.84	11.4	0.56	325	28.9	0.015	2.90
148		44.0	2.24	8.63	0.048	0.016	0.082	0.044	0.20	5.54	6.9	0.40	269	44.0	0.020	3.11

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

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.04	0.001	0.005	0.001	0.002	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01
133		10.70	0.140	18.20	0.005	<0.002	14.55	0.019	0.10	2.11	1.620	2.2	0.61	70.7	0.005	0.10
134		8.97	0.084	15.00	0.001	<0.002	8.26	0.001	0.04	2.63	2.30	1.0	0.60	24.9	0.012	0.10
135		6.58	0.125	12.05	<0.001	<0.002	6.56	0.005	0.13	2.39	0.639	2.6	0.76	84.2	0.005	0.18
136		6.07	0.091	15.65	<0.001	<0.002	4.94	0.001	0.08	1.085	0.814	1.1	0.79	16.40	<0.005	0.07
137		5.95	0.109	7.29	<0.001	<0.002	6.04	0.009	0.18	2.02	0.341	3.3	0.32	50.2	<0.005	0.03
138		7.44	0.142	9.61	<0.001	<0.002	15.20	<0.001	0.14	0.900	0.400	1.3	0.77	13.25	<0.005	0.09
139		4.10	0.107	10.50	<0.001	<0.002	8.04	<0.001	0.07	0.365	0.539	0.7	0.83	12.35	0.005	0.06
140		5.43	0.065	11.15	0.001	<0.002	5.69	<0.001	0.06	0.440	0.654	0.4	1.11	13.10	<0.005	0.04
141		7.07	0.116	11.10	<0.001	<0.002	9.71	0.002	0.15	1.125	0.505	2.0	0.59	18.15	<0.005	0.04
142		9.13	0.069	12.35	<0.001	<0.002	26.2	0.001	0.06	1.545	0.937	0.8	2.27	32.9	<0.005	0.04
143		7.36	0.077	12.00	<0.001	<0.002	48.5	0.001	0.07	2.77	1.130	0.9	1.14	39.9	<0.005	0.04
144		8.70	0.179	14.60	<0.001	<0.002	26.2	0.003	0.12	1.900	0.721	1.4	0.77	62.2	<0.005	0.11
145		9.31	0.112	12.60	<0.001	<0.002	19.35	<0.001	0.05	2.10	1.775	0.6	0.37	48.2	<0.005	0.11
146		12.40	0.114	11.90	<0.001	<0.002	24.2	0.002	0.09	2.59	1.945	1.0	0.79	56.8	<0.005	0.07
147		12.30	0.231	9.26	<0.001	<0.002	16.55	<0.001	0.08	1.175	1.745	1.2	0.63	19.95	0.006	0.15
148		10.00	0.086	6.49	<0.001	<0.002	42.5	<0.001	0.09	0.894	1.290	1.1	0.75	13.25	0.005	0.06

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01
133		0.593	0.086	0.185	10.95	58.9	36.4	7.20	54.6	0.40
134		2.61	0.113	0.110	6.33	68.9	74.0	3.42	31.4	0.64
135		0.249	0.033	0.191	16.40	47.5	112.5	6.01	30.5	0.16
136		0.214	0.046	0.076	10.90	43.6	32.2	2.09	29.9	0.47
137		0.055	0.019	0.098	29.0	16.6	85.1	5.08	17.5	0.13
138		0.125	0.041	0.175	9.07	55.3	3.41	3.50	29.8	0.35
139		0.206	0.095	0.097	2.67	41.7	14.55	1.820	13.7	0.35
140		0.118	0.121	0.099	1.200	42.4	1.780	1.230	13.4	0.57
141		0.091	0.039	0.142	10.25	33.5	5.82	4.63	22.3	0.40
142		0.290	0.068	0.202	6.06	46.2	4.71	5.70	33.1	0.88
143		0.416	0.099	0.182	6.63	68.0	10.15	2.73	36.5	0.36
144		0.226	0.039	0.289	54.0	60.8	9.41	15.60	42.8	0.07
145		1.250	0.103	0.145	2.84	61.3	3.68	5.20	54.8	0.14
146		1.025	0.124	0.184	15.55	66.4	10.90	9.78	55.7	0.52
147		0.844	0.125	0.259	2.70	78.6	5.95	2.93	39.5	1.08
148		0.358	0.153	0.182	4.23	68.1	11.20	1.995	43.3	0.95

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS VA17234318

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41L

LABORATORY ADDRESSES

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

LOG- 22	ME- MS41L	SCR- 41	WEI- 21

ALS Canada Ltd.

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

CERTIFICATE OF ANALYSIS TR17231166

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Processed at ALS Terrace located at 2912 Molitor Street, Terrace, BC, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	LOG- 24
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

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

Applies to Method:				
	Au- ICP21	Cu- OG62	ME- MS61	ME- OG62

ALS Canada Ltd.

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18-NOV-2017
Account: RESRID

QC CERTIFICATE VA17234318

Project: Cobalt Mountain

This report is for 96 Soil samples submitted to our lab in Terrace, BC, Canada on 19-OCT-2017.

The following have access to data associated with this certificate:

LORIE FARRELL	KYLER HARDY	TIM JOHNSON

SAMPLE PREPARATION

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

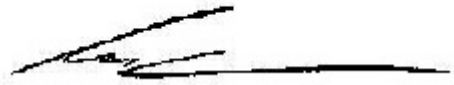
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41L	Super Trace Lowest DL AR by ICP-MS

To: **RIDGE RESOURCES LTD.**
ATTN: TIM JOHNSON
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

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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Finalized Date: 18- NOV- 2017
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Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01	0.005	0.01
STANDARDS																
MRGeo08		0.0041	4.42	2.55	32.6	<10	415	0.82	0.634	1.01	2.06	73.1	17.90	93.2	10.10	626
Target Range - Lower Bound		0.0033	4.01	2.44	29.7	<10	381	0.72	0.612	1.00	2.02	66.2	17.10	82.3	9.45	587
Upper Bound		0.0045	4.91	3.00	36.3	20	517	0.90	0.750	1.24	2.47	81.0	20.9	100.5	11.55	675
OREAS 905		0.385	0.505	0.72	32.1	<10	217	0.92	5.38	0.29	0.308	75.1	12.95	18.00	1.205	1450
Target Range - Lower Bound		0.352	0.463	0.73	28.5	<10	211	0.83	5.17	0.29	0.305	72.0	12.50	15.85	1.185	1455
Upper Bound		0.430	0.569	0.91	34.9	20	287	1.03	6.32	0.38	0.375	88.0	15.30	19.35	1.455	1670
OREAS 920		0.0009	0.090	2.25	4.73	<10	72.0	0.69	0.622	0.29	0.061	70.3	14.00	41.8	1.945	103.5
OREAS 920		0.0004	0.097	2.41	4.97	<10	75.4	0.75	0.671	0.32	0.063	72.2	14.75	44.9	1.955	114.0
Target Range - Lower Bound		<0.0002	0.088	2.18	3.93	<10	67.5	0.65	0.611	0.28	0.056	64.8	13.50	38.2	1.885	102.5
Upper Bound		0.0004	0.110	2.68	4.83	20	92.5	0.81	0.749	0.37	0.070	79.2	16.50	46.8	2.32	117.5
OREAS-45e		0.0494	0.233	3.06	11.85	10	138.0	0.42	0.233	0.03	0.019	16.75	53.4	780	0.676	682
OREAS-45e		0.0534	0.265	3.28	12.15	10	147.5	0.46	0.226	0.03	0.030	17.60	52.7	855	0.705	710
Target Range - Lower Bound		0.0448	0.224	2.98	11.25	<10	117.5	0.36	0.197	<0.01	0.018	15.95	46.8	764	0.623	659
Upper Bound		0.0552	0.276	3.66	13.75	20	160.5	0.46	0.243	0.05	0.024	19.45	57.2	934	0.773	759
BLANKS																
BLANK		<0.0002	<0.001	<0.01	0.02	<10	<0.5	<0.01	<0.001	<0.01	<0.001	<0.003	<0.001	<0.01	<0.005	0.02
BLANK		<0.0002	<0.001	<0.01	0.01	<10	<0.5	<0.01	<0.001	<0.01	<0.001	<0.003	0.001	0.01	<0.005	0.01
BLANK		0.0003	0.001	<0.01	<0.01	<10	<0.5	<0.01	<0.001	<0.01	0.001	0.004	0.002	0.01	<0.005	0.05
Target Range - Lower Bound		<0.0002	<0.001	<0.01	<0.01	<10	<0.5	<0.01	<0.001	<0.01	<0.001	<0.003	<0.001	<0.01	<0.005	<0.01
Upper Bound		0.0004	0.002	0.02	0.02	20	1.0	0.02	0.002	0.02	0.002	0.006	0.002	0.02	0.010	0.02
DUPLICATES																
45		0.0010	0.342	1.32	13.60	<10	67.2	0.23	0.606	0.06	0.539	13.60	0.679	5.54	0.439	26.5
DUP		0.0010	0.369	1.31	13.75	<10	69.5	0.21	0.628	0.06	0.503	14.85	0.699	5.16	0.496	27.5
Target Range - Lower Bound		0.0008	0.337	1.24	13.00	<10	62.7	0.20	0.585	0.05	0.494	13.50	0.654	5.07	0.439	26.0
Upper Bound		0.0013	0.374	1.39	14.35	20	74.0	0.24	0.649	0.07	0.548	14.95	0.724	5.63	0.496	28.0
129		0.0009	0.621	3.61	11.85	<10	62.7	0.50	0.323	0.10	0.170	15.20	4.94	22.0	2.12	135.0
DUP		0.0048	0.603	3.76	11.40	<10	59.5	0.50	0.321	0.10	0.178	15.45	4.85	22.7	2.08	136.5
Target Range - Lower Bound		0.0025	0.580	3.49	11.05	<10	56.0	0.47	0.305	0.09	0.164	14.55	4.65	21.2	1.990	131.0
Upper Bound		0.0032	0.644	3.88	12.20	20	66.2	0.54	0.339	0.12	0.184	16.10	5.14	23.5	2.21	140.5

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

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To: **RIDGE RESOURCES LTD.**
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LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001	0.002	0.04
STANDARDS																
MRGeo08		3.42	9.34	0.152	0.744	0.062	0.155	1.22	35.0	29.9	1.08	403	14.70	0.319	1.255	666
Target Range - Lower Bound		3.23	8.77	0.161	0.658	0.047	0.137	1.12	31.3	29.6	1.03	382	13.15	0.310	0.844	622
Upper Bound		3.95	10.75	0.207	0.808	0.075	0.179	1.40	38.3	36.4	1.29	468	16.05	0.381	1.035	760
OREAS 905		3.11	5.94	0.109	1.210	0.013	0.549	0.28	36.6	4.4	0.13	315	2.94	0.079	0.357	8.90
Target Range - Lower Bound		3.15	5.78	0.101	1.095	0.005	0.517	0.28	35.8	4.3	0.13	315	2.69	0.082	0.277	7.97
Upper Bound		3.85	7.08	0.135	1.345	0.023	0.643	0.36	43.8	5.5	0.19	385	3.31	0.102	0.343	9.83
OREAS 920		3.42	6.35	0.080	0.550	<0.004	0.023	0.40	35.5	20.7	1.01	483	0.38	0.021	0.302	36.7
OREAS 920		3.64	7.37	0.109	0.595	<0.004	0.033	0.40	35.7	20.3	1.08	518	0.40	0.024	0.355	39.7
Target Range - Lower Bound		3.27	6.17	0.100	0.547	<0.004	0.019	0.39	33.5	19.0	0.98	477	0.36	0.020	0.385	34.5
Upper Bound		3.99	7.55	0.134	0.673	0.008	0.043	0.50	40.9	23.4	1.22	583	0.46	0.026	0.475	42.3
OREAS-45e		22.2	12.65	0.256	0.837	0.013	0.087	0.05	6.34	2.6	0.08	349	1.75	0.023	0.229	359
OREAS-45e		23.5	13.50	0.271	0.813	0.011	0.089	0.05	6.80	2.4	0.09	371	1.87	0.025	0.207	389
Target Range - Lower Bound		20.4	11.25	0.319	0.703	<0.004	0.076	0.03	5.86	2.2	0.07	329	1.57	0.023	0.196	321
Upper Bound		25.0	13.75	0.401	0.863	0.020	0.105	0.08	7.16	2.9	0.12	403	1.94	0.031	0.244	393
BLANKS																
BLANK		<0.001	0.004	<0.005	<0.002	<0.004	<0.005	<0.01	<0.002	<0.1	<0.01	<0.1	<0.01	<0.001	<0.002	<0.04
BLANK		<0.001	<0.004	<0.005	<0.002	<0.004	<0.005	<0.01	<0.002	<0.1	<0.01	<0.1	<0.01	<0.001	<0.002	<0.04
BLANK		<0.001	0.006	<0.005	<0.002	<0.004	<0.005	<0.01	0.002	<0.1	<0.01	0.1	0.01	0.001	<0.002	<0.04
Target Range - Lower Bound		<0.001	<0.004	<0.005	<0.002	<0.004	<0.005	<0.01	<0.002	<0.1	<0.01	<0.1	<0.01	<0.001	<0.002	<0.04
Upper Bound		0.002	0.008	0.010	0.004	0.008	0.010	0.02	0.004	0.2	0.02	0.2	0.02	0.002	0.004	0.08
DUPLICATES																
45		1.410	1.835	0.030	0.003	0.130	0.018	0.01	7.41	0.4	0.01	41.9	0.69	0.013	0.489	3.58
DUP		1.380	1.660	0.030	0.002	0.145	0.024	0.01	7.91	0.4	0.01	42.8	0.68	0.014	0.511	3.29
Target Range - Lower Bound		1.325	1.655	0.024	<0.002	0.123	0.015	<0.01	7.28	0.3	<0.01	40.1	0.64	0.012	0.473	3.22
Upper Bound		1.465	1.840	0.037	0.004	0.152	0.027	0.02	8.05	0.5	0.02	44.6	0.73	0.015	0.527	3.65
129		3.49	7.49	0.039	0.037	0.165	0.048	0.03	7.48	9.1	0.26	166.0	10.25	0.008	3.45	7.07
DUP		3.61	7.61	0.046	0.043	0.146	0.049	0.03	7.59	9.6	0.27	170.0	10.50	0.010	3.57	7.09
Target Range - Lower Bound		3.37	7.17	0.035	0.036	0.140	0.041	0.02	7.16	8.8	0.24	159.5	9.85	0.008	3.33	6.69
Upper Bound		3.73	7.93	0.050	0.044	0.171	0.056	0.04	7.91	9.9	0.29	176.5	10.90	0.010	3.69	7.47

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

ALS Canada Ltd.
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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.001	0.005	0.001	0.002	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01	0.002
STANDARDS																
MRGeo08		0.095	1035	0.002	0.002	141.5	0.007	0.29	3.45	7.69	0.9	3.40	76.2	0.032	0.02	21.6
Target Range - Lower Bound		0.090	959	0.004	<0.002	132.5	0.006	0.27	2.84	6.83	0.8	3.05	72.3	<0.005	<0.01	19.25
Upper Bound		0.113	1175	0.008	0.006	161.5	0.010	0.35	3.86	8.35	1.3	3.75	88.3	0.024	0.04	23.5
OREAS 905		0.022	16.00	0.001	0.003	17.60	<0.001	0.06	1.155	1.735	2.4	1.18	11.90	<0.005	0.08	8.08
Target Range - Lower Bound		0.020	15.40	<0.001	<0.002	17.35	<0.001	0.04	0.947	1.695	2.0	1.13	11.05	<0.005	0.04	7.99
Upper Bound		0.026	18.80	0.002	0.004	21.2	0.002	0.09	1.295	2.08	2.7	1.41	13.55	0.010	0.09	9.77
OREAS 920		0.069	20.8	0.002	<0.002	23.3	<0.001	0.03	0.568	2.78	0.2	1.14	16.80	0.007	0.01	15.70
OREAS 920		0.073	22.2	<0.001	0.002	23.6	<0.001	0.04	0.643	2.94	0.5	1.10	16.90	0.015	0.02	16.05
Target Range - Lower Bound		0.063	19.35	<0.001	<0.002	22.3	<0.001	<0.01	0.514	2.61	<0.1	1.08	15.20	<0.005	<0.01	13.75
Upper Bound		0.079	23.7	0.002	0.004	27.3	0.002	0.05	0.707	3.21	0.5	1.34	18.60	0.018	0.04	16.85
OREAS-45e		0.028	13.10	0.060	0.099	7.29	<0.001	0.04	0.475	82.1	1.5	0.93	3.80	<0.005	0.05	9.79
OREAS-45e		0.031	13.75	0.061	0.111	7.51	<0.001	0.03	0.512	81.6	1.6	0.95	3.96	<0.005	0.08	10.80
Target Range - Lower Bound		0.025	12.85	0.055	0.097	7.13	<0.001	0.02	0.505	70.2	1.5	0.86	3.58	<0.005	0.08	9.63
Upper Bound		0.033	15.75	0.069	0.123	8.73	0.002	0.07	0.695	85.8	2.1	1.08	4.40	0.021	0.13	11.75
BLANKS																
BLANK		<0.001	0.007	<0.001	<0.002	<0.005	<0.001	<0.01	0.009	<0.005	<0.1	<0.01	<0.01	<0.005	0.01	<0.002
BLANK		<0.001	0.005	<0.001	<0.002	<0.005	<0.001	<0.01	<0.005	<0.005	<0.1	0.01	<0.01	<0.005	<0.01	<0.002
BLANK		<0.001	0.237	<0.001	<0.002	<0.005	<0.001	<0.01	0.007	<0.005	0.1	0.01	<0.01	<0.005	0.01	<0.002
Target Range - Lower Bound		<0.001	<0.005			<0.005	<0.001	<0.01	<0.005	<0.005	<0.1	<0.01	<0.01	<0.005	<0.01	<0.002
Upper Bound		0.002	0.010			0.010	0.002	0.02	0.010	0.010	0.2	0.02	0.02	0.010	0.02	0.004
DUPLICATES																
45		0.138	10.15	0.001	<0.002	0.941	<0.001	0.21	1.070	0.299	1.2	8.37	6.89	<0.005	0.03	0.022
DUP		0.141	10.70	<0.001	<0.002	1.000	<0.001	0.21	1.050	0.239	0.8	2.93	7.27	<0.005	0.03	0.017
Target Range - Lower Bound		0.132	9.90	<0.001	<0.002	0.917	<0.001	0.19	0.976	0.251	0.9	5.36	6.72	<0.005	0.02	0.017
Upper Bound		0.147	10.95	0.002	0.004	1.025	0.002	0.23	1.145	0.287	1.2	5.94	7.44	0.010	0.04	0.022
129		0.087	9.13	<0.001	<0.002	4.24	<0.001	0.07	0.873	2.47	1.1	0.52	19.05	0.041	0.07	1.405
DUP		0.090	8.90	<0.001	<0.002	4.09	<0.001	0.08	0.955	2.54	1.2	0.51	17.60	0.044	0.07	1.425
Target Range - Lower Bound		0.083	8.56	<0.001	<0.002	3.95	<0.001	0.06	0.840	2.37	1.0	0.48	17.40	0.035	0.06	1.340
Upper Bound		0.094	9.47	0.002	0.004	4.38	0.002	0.09	0.988	2.64	1.3	0.55	19.25	0.050	0.08	1.490

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

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS VA17234318

Sample Description	Method	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01
STANDARDS									
MRGeo08		0.361	0.715	5.36	102.5	2.93	18.45	763	22.1
Target Range - Lower Bound		0.342	0.661	4.97	90.8	2.49	17.55	710	18.60
Upper Bound		0.420	0.899	6.09	111.0	3.37	21.5	868	25.2
OREAS 905		0.020	0.098	2.15	5.5	0.643	6.54	60.8	46.3
Target Range - Lower Bound		0.016	0.092	2.13	5.3	0.521	6.37	60.2	40.4
Upper Bound		0.022	0.129	2.61	6.8	0.707	7.79	73.8	54.6
OREAS 920		0.125	0.143	2.00	25.3	0.409	16.95	99.5	18.45
OREAS 920		0.128	0.141	2.12	25.3	0.502	17.10	103.5	23.2
Target Range - Lower Bound		0.110	0.103	1.930	23.6	0.390	16.90	95.3	18.10
Upper Bound		0.136	0.143	2.37	29.0	0.530	20.7	116.5	24.5
OREAS-45e		0.107	0.058	1.675	278	0.089	5.48	31.3	29.6
OREAS-45e		0.115	0.062	1.745	295	0.084	5.61	32.0	31.4
Target Range - Lower Bound		0.094	0.048	1.550	265	0.081	5.16	27.4	23.7
Upper Bound		0.118	0.070	1.910	325	0.111	6.32	33.8	32.1
BLANKS									
BLANK		<0.001	<0.002	<0.005	<0.1	<0.001	<0.003	0.1	<0.01
BLANK		<0.001	<0.002	<0.005	<0.1	<0.001	<0.003	<0.1	<0.01
BLANK		<0.001	<0.002	<0.005	<0.1	0.009	<0.003	0.1	<0.01
Target Range - Lower Bound		<0.001	<0.002	<0.005	<0.1	<0.001	<0.003	<0.1	<0.01
Upper Bound		0.002	0.004	0.010	0.2	0.002	0.006	0.2	0.02
DUPLICATES									
45		0.002	0.037	5.14	10.4	0.376	4.72	4.4	0.10
DUP		0.003	0.039	5.42	10.6	0.413	4.97	4.7	0.09
Target Range - Lower Bound		<0.001	0.033	5.01	9.9	0.364	4.60	4.2	0.08
Upper Bound		0.004	0.043	5.55	11.1	0.425	5.09	4.9	0.11
129		0.074	0.085	2.11	59.5	7.27	3.66	29.6	1.60
DUP		0.075	0.081	2.09	61.1	7.51	3.71	30.1	1.86
Target Range - Lower Bound		0.070	0.075	1.990	57.2	6.83	3.50	28.3	1.59
Upper Bound		0.079	0.091	2.21	63.4	7.95	3.87	31.4	1.87

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

ALS Canada Ltd.

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 18- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS VA17234318

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41L

LABORATORY ADDRESSES

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

LOG- 22	ME- MS41L	SCR- 41	WEI- 21

ALS Canada Ltd.

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27-NOV-2017
This copy reported on
28-NOV-2017
Account: RESRID

QC CERTIFICATE TR17231166

Project: Cobalt Mountain

This report is for 35 Rock samples submitted to our lab in Terrace, BC, Canada on 19-OCT-2017.

The following have access to data associated with this certificate:

LORIE FARRELL	KYLER HARDY	TIM JOHNSON

SAMPLE PREPARATION

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

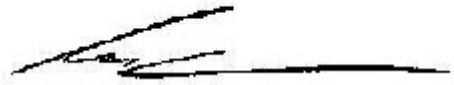
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: **RIDGE RESOURCES LTD.**
ATTN: TIM JOHNSON
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

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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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

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	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
STANDARDS																
CDN-PGMS28																
CDN-PGMS28																
Target Range - Lower Bound																
Upper Bound																
G913-10																
G913-10																
Target Range - Lower Bound																
Upper Bound																
LEA-16																
LEA-16																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		4.47	7.40	35.5	1140	3.43	0.68	2.70	2.26	67.3	19.2	95	12.50	651	4.01	18.90
Target Range - Lower Bound		4.00	6.64	29.5	920	2.98	0.60	2.35	2.00	66.2	17.7	81	11.20	587	3.55	17.50
Upper Bound		4.92	8.14	36.5	1270	3.76	0.76	2.90	2.48	81.0	21.9	102	13.80	675	4.37	21.5
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08		20.2	7.01	123.0	740	2.78	10.45	2.22	19.55	73.8	101.5	86	11.70	8550	5.38	18.75
Target Range - Lower Bound		18.15	6.07	106.0	700	2.59	9.44	1.98	16.70	64.8	87.2	78	9.85	7800	4.81	16.05
Upper Bound		22.2	7.44	130.0	980	3.27	11.55	2.44	20.5	79.2	107.0	98	12.15	8980	5.91	19.75
OREAS905		0.53	7.57	37.1	2890	3.06	5.82	0.61	0.35	97.1	14.6	22	7.20	1565	4.13	25.1
Target Range - Lower Bound		0.46	6.67	31.0	2280	2.69	5.14	0.52	0.30	82.8	13.2	16	6.05	1425	3.66	22.5
Upper Bound		0.58	8.17	38.4	3110	3.39	6.30	0.66	0.42	101.0	16.4	22	7.51	1640	4.50	27.7
OREAS920		0.10	7.89	5.6	580	2.84	1.61	0.50	0.06	95.1	16.0	86	9.18	114.5	4.15	22.0
Target Range - Lower Bound		0.08	6.91	4.4	450	2.54	0.61	0.44	0.04	84.6	13.9	70	7.72	104.0	3.72	18.65
Upper Bound		0.13	8.47	5.8	640	3.22	0.77	0.56	0.12	103.5	17.3	88	9.54	120.0	4.56	22.9
OREAS932																
Target Range - Lower Bound																
Upper Bound																
OREAS-133b																
Target Range - Lower Bound																
Upper Bound																
OREAS-76a																

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

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To: **RIDGE RESOURCES LTD.**
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LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

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	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
STANDARDS																
CDN-PGMS28																
CDN-PGMS28																
Target Range - Lower Bound																
Upper Bound																
G913-10																
G913-10																
Target Range - Lower Bound																
Upper Bound																
LEA-16																
LEA-16																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		0.15	3.2	0.184	3.20	32.5	32.6	1.33	584	15.50	2.05	22.7	738	1110	1100	187.5
Target Range - Lower Bound		<0.05	2.8	0.155	2.79	31.1	29.5	1.17	497	13.65	1.76	19.0	622	930	971	173.5
Upper Bound		0.27	3.6	0.201	3.43	39.1	36.5	1.45	619	16.75	2.18	23.4	760	1160	1185	212
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08		0.19	3.1	1.515	2.95	37.8	31.8	1.27	525	932	1.87	18.2	9100	900	7370	186.0
Target Range - Lower Bound		0.25	2.5	1.320	2.59	31.0	29.7	1.11	447	841	1.62	15.4	8000	760	6520	164.5
Upper Bound		0.49	3.3	1.620	3.19	39.0	36.7	1.38	557	1030	2.00	19.0	9770	950	7970	201
OREAS 905		0.22	6.9	0.671	2.94	49.7	20.3	0.27	390	3.30	2.49	19.8	11.1	290	31.2	145.0
Target Range - Lower Bound		<0.05	6.1	0.571	2.58	40.9	17.8	0.24	333	2.89	2.15	16.2	8.4		26.9	124.0
Upper Bound		0.27	7.6	0.709	3.18	51.1	22.2	0.31	418	3.65	2.65	20.0	10.7		33.9	152.0
OREAS 920		0.17	4.8	0.096	2.91	47.8	31.5	1.36	625	0.41	0.65	18.1	42.6	780	24.4	169.5
Target Range - Lower Bound		0.06	4.0	0.070	2.59	41.0	26.0	1.23	535	0.34	0.56	15.6	37.4		20.7	158.5
Upper Bound		0.28	5.2	0.098	3.19	51.2	32.2	1.53	665	0.58	0.71	19.2	46.2		26.4	193.5
OREAS 932																
Target Range - Lower Bound																
Upper Bound																
OREAS-133b																
Target Range - Lower Bound																
Upper Bound																
OREAS-76a																

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

ALS Canada Ltd.
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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

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	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1	0.1
STANDARDS																
CDN-PGMS28																
CDN-PGMS28																
Target Range - Lower Bound																
Upper Bound																
G913-10																
G913-10																
Target Range - Lower Bound																
Upper Bound																
LEA-16																
LEA-16																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		0.007	0.32	4.53	11.2	1	4.2	321	1.59	<0.05	19.70	0.503	1.14	5.4	115	4.8
Target Range - Lower Bound		0.005	0.27	3.89	11.1	<1	3.5	277	1.39	<0.05	17.90	0.443	0.89	4.9	97	4.1
Upper Bound		0.013	0.35	5.39	13.7	4	4.7	339	1.81	0.14	21.9	0.553	1.25	6.2	121	5.8
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08		1.410	2.94	27.5	10.5	11	14.6	258	1.33	0.20	18.85	0.399	1.75	5.4	90	4.9
Target Range - Lower Bound		1.285	2.51	22.8	9.2	8	12.5	224	1.19	0.09	16.90	0.353	1.43	4.5	77	3.9
Upper Bound		1.575	3.09	31.0	11.4	14	15.7	274	1.57	0.31	20.7	0.443	1.98	5.8	97	5.4
OREAS905		<0.002	0.07	2.02	5.2	3	4.1	167.5	1.39	0.07	14.80	0.123	0.79	5.1	10	2.8
Target Range - Lower Bound		<0.002	0.04	1.61	4.3	<1	3.4	141.0	1.16	<0.05	13.15	0.105	0.59	4.4	8	2.3
Upper Bound		0.004	0.09	2.29	5.5	5	4.6	173.0	1.52	0.19	16.05	0.139	0.85	5.6	13	3.3
OREAS920		<0.002	0.04	1.58	14.9	<1	5.3	84.7	1.40	<0.05	19.95	0.480	0.94	3.9	100	3.4
Target Range - Lower Bound		<0.002	<0.01	1.22	12.8	<1	4.3	73.6	1.08	<0.05	17.35	0.434	0.76	3.3	86	2.5
Upper Bound		0.004	0.05	1.76	15.8	2	5.7	90.4	1.43	0.10	21.2	0.542	1.08	4.2	108	3.7
OREAS932																
Target Range - Lower Bound																
Upper Bound																
OREAS-133b																
Target Range - Lower Bound																
Upper Bound																
OREAS-76a																

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Au-ICP21
	Analyte	Y	Zn	Zr	Cu	Au
	Units	ppm	ppm	ppm	%	ppm
	LOR	0.1	2	0.5	0.001	0.001
STANDARDS						
CDN-PGMS28						0.206
CDN-PGMS28						0.214
Target Range - Lower Bound						0.180
Upper Bound						0.206
G913-10						7.07
G913-10						7.16
Target Range - Lower Bound						6.66
Upper Bound						7.52
LEA-16						0.504
LEA-16						0.494
Target Range - Lower Bound						0.470
Upper Bound						0.532
MP-1b					3.07	
Target Range - Lower Bound					2.96	
Upper Bound					3.18	
MRGeo08		26.8	821	109.0		
Target Range - Lower Bound		23.8	722	92.2		
Upper Bound		29.3	886	126.0		
OGGeo08					0.847	
Target Range - Lower Bound					0.809	
Upper Bound					0.869	
OGGeo08		25.0	7250	99.5		
Target Range - Lower Bound		21.1	6500	78.6		
Upper Bound		26.0	7950	107.5		
OREAS 905		17.3	140	266		
Target Range - Lower Bound		14.0	122	214		
Upper Bound		17.4	154	290		
OREAS 920		34.5	119	163.5		
Target Range - Lower Bound		29.8	102	128.0		
Upper Bound		36.6	130	174.0		
OREAS 932					6.27	
Target Range - Lower Bound					5.91	
Upper Bound					6.35	
OREAS-133b					0.030	
Target Range - Lower Bound					0.030	
Upper Bound					0.034	
OREAS-76a					0.284	

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LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
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Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

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	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
STANDARDS																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
BLANK		<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.01	<0.1	1	<0.05	<0.2	<0.01	<0.05
Target Range - Lower Bound		<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
Upper Bound		0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02	0.10
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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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	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
STANDARDS																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		0.07	<0.1	<0.005	<0.01	<0.5	0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
BLANK		0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	0.2	<10	<0.5	<0.1
Target Range - Lower Bound		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
Upper Bound		0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0	0.2
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

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	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1	0.1
STANDARDS																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
BLANK		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Target Range - Lower Bound		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Upper Bound		0.004	0.02	0.10	0.2	2	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2	0.2
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Au-ICP21
	Analyte	Y	Zn	Zr	Cu	Au
	Units	ppm	ppm	ppm	%	ppm
	LOR	0.1	2	0.5	0.001	0.001
STANDARDS						
Target Range - Lower Bound					0.274	
Upper Bound					0.296	
WCM-PG134						0.937
WCM-PG134						0.895
Target Range - Lower Bound						
Upper Bound						
BLANKS						
BLANK						0.001
BLANK						0.001
Target Range - Lower Bound						<0.001
Upper Bound						0.002
BLANK					<0.001	
Target Range - Lower Bound					<0.001	
Upper Bound					0.002	
BLANK		<0.1	<2	<0.5		
BLANK		<0.1	<2	<0.5		
Target Range - Lower Bound		<0.1	<2	<0.5		
Upper Bound		0.2	4	1.0		
DUPLICATES						
ORIGINAL						0.038
DUP						0.040
Target Range - Lower Bound						0.036
Upper Bound						0.042
ORIGINAL						0.040
DUP						0.023
Target Range - Lower Bound						0.029
Upper Bound						0.034

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Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

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	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
DUPLICATES																
ORIGINAL		4.26	8.34	102.5	70	1.14	0.79	1.97	2.29	21.8	19.4	13	2.66	343	7.56	19.25
DUP		4.14	8.09	102.5	70	1.03	0.77	1.95	2.26	20.5	18.9	13	2.65	344	7.45	19.15
Target Range - Lower Bound		3.98	7.79	97.2	50	0.98	0.73	1.85	2.14	20.1	18.1	11	2.47	331	7.12	18.20
Upper Bound		4.42	8.64	108.0	90	1.19	0.83	2.07	2.41	22.2	20.2	15	2.84	356	7.89	20.2
1041869		0.02	0.06	0.5	20	0.05	0.03	32.6	<0.02	1.22	1.1	1	0.05	18.5	0.19	0.28
DUP		0.02	0.06	1.6	20	0.05	0.03	32.0	0.12	1.01	1.0	1	<0.05	6.7	0.18	0.22
Target Range - Lower Bound		<0.01	0.05	0.8	<10	<0.05	0.02	30.7	0.05	1.05	0.9	<1	<0.05	12.0	0.17	0.19
Upper Bound		0.03	0.07	1.3	30	0.10	0.04	33.9	0.09	1.18	1.2	2	0.10	13.2	0.20	0.31
126202																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

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	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
DUPLICATES																
ORIGINAL		0.13	1.2	0.154	4.31	9.4	22.3	1.42	826	1.01	0.50	3.2	11.3	1420	13.7	115.0
DUP		0.15	1.1	0.141	4.24	8.7	20.8	1.40	826	1.12	0.50	3.3	11.5	1420	13.2	107.0
Target Range - Lower Bound		0.08	1.0	0.135	4.05	8.1	20.3	1.33	780	0.96	0.47	3.0	10.6	1340	12.3	105.5
Upper Bound		0.20	1.3	0.160	4.50	10.0	22.8	1.49	872	1.17	0.54	3.5	12.2	1500	14.6	116.5
1041869		0.05	<0.1	0.006	0.02	1.3	1.2	2.46	156	0.92	0.02	0.2	0.7	80	0.5	1.2
DUP		0.05	<0.1	0.005	0.02	1.2	1.0	2.40	153	0.19	0.02	0.1	0.7	70	0.6	0.6
Target Range - Lower Bound		<0.05	<0.1	<0.005	<0.01	0.7	0.8	2.30	142	0.48	<0.01	<0.1	0.5	60	<0.5	0.8
Upper Bound		0.10	0.2	0.010	0.03	1.8	1.4	2.56	167	0.63	0.03	0.2	0.9	90	1.0	1.0
126202																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIDGE RESOURCES LTD.**
2674 PYLADES DRIVE
LADYSMITH BC V9G 1E5

Finalized Date: 27- NOV- 2017
Account: RESRID

Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

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	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1	0.1
DUPLICATES																
ORIGINAL		<0.002	6.59	7.39	27.0	6	1.5	127.0	0.17	4.10	2.71	0.223	0.78	1.9	224	2.6
DUP		<0.002	6.54	7.55	25.8	6	1.5	123.0	0.17	4.02	2.58	0.224	0.78	1.9	222	2.5
Target Range -	Lower Bound	<0.002	6.23	6.86	25.0	5	1.2	118.5	0.11	3.81	2.50	0.207	0.70	1.7	211	2.3
	Upper Bound	0.004	6.90	8.08	27.8	7	1.8	131.5	0.23	4.31	2.79	0.240	0.86	2.1	235	2.8
1041869		<0.002	<0.01	0.09	0.2	1	<0.2	84.3	<0.05	<0.05	0.12	0.005	<0.02	0.1	1	0.1
DUP		<0.002	0.01	0.13	0.2	1	<0.2	78.8	<0.05	<0.05	0.09	0.005	<0.02	0.1	1	<0.1
Target Range -	Lower Bound	<0.002	<0.01	<0.05	<0.1	<1	<0.2	77.3	<0.05	<0.05	0.09	<0.005	<0.02	<0.1	<1	<0.1
	Upper Bound	0.004	0.02	0.17	0.3	2	0.4	85.8	0.10	0.10	0.12	0.010	0.04	0.2	2	0.2
126202																
DUP																
Target Range -	Lower Bound															
	Upper Bound															
ORIGINAL																
DUP																
Target Range -	Lower Bound															
	Upper Bound															
ORIGINAL																
DUP																
Target Range -	Lower Bound															
	Upper Bound															

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Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001	Au-ICP21 Au ppm 0.001
				DUPLICATES		
ORIGINAL		13.3	165	36.7		
DUP		12.7	164	36.4		
Target Range - Lower Bound		12.3	154	34.2		
Upper Bound		13.8	175	38.9		
1041869		2.5	3	1.2		
DUP		2.3	14	1.1		
Target Range - Lower Bound		2.2	6	0.6		
Upper Bound		2.6	11	1.7		
126202						<0.001
DUP						<0.001
Target Range - Lower Bound						<0.001
Upper Bound						0.002
ORIGINAL					2.53	
DUP					2.54	
Target Range - Lower Bound					2.47	
Upper Bound					2.60	
ORIGINAL						0.001
DUP						0.003
Target Range - Lower Bound						<0.001
Upper Bound						0.003

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Project: Cobalt Mountain

QC CERTIFICATE OF ANALYSIS TR17231166

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Processed at ALS Terrace located at 2912 Molitor Street, Terrace, BC, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	LOG- 24
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

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

Applies to Method:				
	Au- ICP21	Cu- OG62	ME- MS61	ME- OG62