

ASSESSMENT REPORT

2017 GEOLOGY AND SOIL GEOCHEMISTRY

on the

RC GOLD PROPERTY – BOP CLAIMS

Owned by Fox Exploration Ltd.

and

William Mann

Operated by Pacific Ridge Exploration Ltd.

| Grant No. | Claim Name | Claim Owner | Expiry |
|-----------------|------------|---------------------|-----------|
| YD16865-YD16872 | BOP 1-8 | William Mann - 100% | 25-May-18 |

NTS 115P14

UTM Zone 8 – NAD 83: 402,500 E; 7,079,500 N

Latitude: 63° 49' 45" N Longitude: 136° 58' 50" W

Mayo Mining District

Yukon, Canada

Work Performed during the period July 9 to August 1, 2017

Report by

Gerald G. Carlson, Ph.D., P.Eng.

October 3, 2017

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SUMMARY

The RC Property (the “Property” consists of 104 quartz mining claims (RC, BEE and BOP claim groups) located in the Dawson and Mayo Mining Districts. A newly constructed gravel access road to Big Creek has significantly improved access to the southern portion of the Property.

The Property lies within the Tombstone Gold Belt where Fort Knox style mineralization is known to be associated with Tombstone Suite intrusions (Hart, et.al., 2002). The headwaters of Clear Creek a historically significant placer gold bearing creek, and Big Creek drain from the property. Recent prospecting (Coe, 2017) has discovered gold mineralization in quartz veins related to the Big Creek Stock, within the Property.

The Property is underlain by metasedimentary rocks of the Yusezyu Formation of the Upper Proterozoic to Cambrian Hyland Group. These have been intruded by the Tombstone-aged (Mid-Cretaceous) Big Creek diorite stock. The area also covers the drainage of a historic Minfile occurrence where mineralized samples collected by Murphy and Heon assayed 377 ppb Au and 478 ppm Mn from a quartz vein, 435 ppb Au, 72 ppm Bi, 88 ppm As, 15.3 ppm Ag, 242 ppm Pb and 303 ppm W from a vein and associated disseminated mineralization and 20 ppb Au and 789 ppm As from a breccia sample (Minfile occurrence 115 061, BIG). Initial reconnaissance prospecting on the property identified quartz monzonite and quartz vein float assaying 115 and 244 ppb Au respectively (Coe, 2017).

During the 2017 mapping program, quartz-arsenopyrite veining was observed in the Bee grid area above a 913 ppb Au soil anomaly (BEE Anomaly), possibly an extension of the Contact Zone in the adjacent Clear Creek property. Three grab samples of quartz vein and breccia material from this area ran 0.317 gpt Au (with 4.6 gpt Ag and 3,383 ppm As), 0.511 gpt Au and 0.257 gpt Au (with 3,292 ppm As). A gossan area corresponding to a calc-silicate altered zone of limy metasedimentary rock occurs within the Big Creek stock (Big Anomaly). A grab sample of rusty quartz breccia ran 3.6 gpt gold with 2.6 gpt Ag and 3,938 ppm As. A second grab of similar quartz breccia assayed 1.919 gpt Au with 3 gpt Ag and 769 ppm As.

The results of the soil survey, when combined with soil results over the BEE grid completed earlier by Mann (2015), defined four strong geochemical anomalies. The **BEE North Au-As-Sb-Bi** anomaly may be related to the nearby Contact Zone on the adjacent Clear Creek property. Three grab samples of vein material assayed 0.511 ppm Au, 0.257 ppm Au and 0.317 ppm Au. The **BEE South Au-Ag-Sb-Pb-As** anomaly is defined by four adjacent gold soil values ranging from 0.227 to 0.998 ppm Au. The linear nature of the anomaly suggests that this anomaly is reflecting the presence of a subcropping gold-silver vein or shear. The **Big Creek Au-As-Ag-Cu-W-Pb-Zn** anomaly appears to be related to rusty and altered quartz breccia related to pyrrhotite-bearing calc-silicate. Gold values of 3.571 ppm and 1.919 ppm Au were returned from two grab samples. The **Far Grid Au-Bi-Cu-W-Ag-As-Sb** anomaly correlates with and extends a Au-As-Cu anomaly first defined by Thor Explorations (Lueck, 1995). The anomaly has a strike length of over 1 km and is immediately adjacent to the intrusive hosted Juno sheeted vein zone on the Clear Creek property drilled by Kennecott in 1995.

Further exploration work is clearly warranted. A program of detailed mapping, prospecting and sampling, including hand trenching, should be carried out over each of the four anomaly areas. The objective of this work would be to identify the source and style of mineralization. A portable XRF should be used as a useful tool for providing immediate feedback on the presence of anomalous gold pathfinder elements.

INTRODUCTION

The RC Project (the “Property”) consists of 72 RC quartz mining claims and 24 BEE quartz mining claims located in the Dawson Mining District and 8 BOP quartz mining claims located in the Mayo Mining District. This report discusses the results of a surface exploration program carried out on the Property during July and August 2017.

The Property covers a target area that includes the Big Creek Stock and historic plus recent anomalous gold occurrences. In 2017, Pacific Ridge Exploration Ltd. (“Pacific Ridge”) optioned the RC claims from Fox Exploration Ltd. (“Fox Exploration”). At the same time, Pacific Ridge optioned the adjoining BEE and BOP claims from Mr. William Mann. The Property has seen relatively little documented exploration activity, yet it adjoins two other highly explored properties: Clear Creek, now owned by Victoria Gold Corp. lies on the west and Mahtin, owned by StrikePoint Gold Inc., lies on the east.

The 2017 exploration program, supported by YMEP Project 17-026, included prospecting, geological mapping, soil sampling (564 samples) and three short lines of mag/VLF ground geophysical surveying. The program was designed to cover as much of the Property as possible on a reconnaissance scale basis, as well as some of the adjoining BEE and BOP claims, with the objective of defining targets for more advanced surface exploration. Contractors included Fox Exploration Ltd. of Vancouver who provided camp and logistics as well as personnel for prospecting and soil sampling, and JP Exploration Services who completed mapping over a portion of the Property. G. Carlson of Pacific Ridge supervised the program and assisted with sampling and geophysical surveying.

Total expenditures for the program are \$117,399.08. Of this amount, \$12,259.37 was spent on the BOP claims while the remaining \$105,139.71 was spent on the adjoining BEE and RC claims located in the Dawson Mining District. The following report describes the entire 2017 field program which was carried out over all three claim groups, as shown in Figures 2 and 4.

PROJECT LOCATION

The BOP claims are in the Mayo Mining District in the Yukon, approximately 120 kilometres east of Dawson City. The property is located on NTS map sheet 115P14 and centered at latitude 63° 49’ 45” N and longitude 136° 58’ 50” W, or UTM coordinates 402,500 E and 7,079,500 N (NAD 83, Zone 8) (Figure 1).

ACCESS

Access to the RC Property is via Highway 2, the Klondike Highway, for 425 km north and west from Whitehorse or 100 kilometers east from Dawson to the Clear Creek road. At this point, turn right along Clear Creek road for 33 km where the road meets the Left Fork of Clear Creek. To the right, follow the Left Fork of Clear Creek and then upstream on the Right Fork to the southern part of the Property along the new Big Creek road. Camp 1 is 25 km along this route. To the left, up the Left Fork of Clear Creek, Camp 2 is a further 10 km, just beyond the placer camp of Nels Harper. Roads beyond Camp 2 provide access to the northwestern portion of the Property (see Figure 2).



Figure 1. RC Gold project location.

PROJECT DESCRIPTION

The RC Project consists of three contiguous claim groups acquired under two option agreements, including the RC 1 to 72 claims in the Dawson Mining District owned by Fox Exploration Ltd., the BEE 1 to 24 claims in the Dawson Mining District owned by William Mann and the BOP 1 to 8 claims in the Mayo Mining District owned by William Mann (Table 1 and Figure 2).

Pacific Ridge has acquired an option to earn a 100% interest in the RC claims property from Fox Exploration paying \$300,000, issuing 1,500,000 shares and completing \$1.87 million in exploration over 5 years. Pacific Ridge must also pay \$125,000 and issue 500,000 shares upon completion of a feasibility study and an additional \$125,000 and 500,000 shares commencement of commercial production. Fox Exploration retains a 2% NSR, half of which can be purchased for \$2 million.

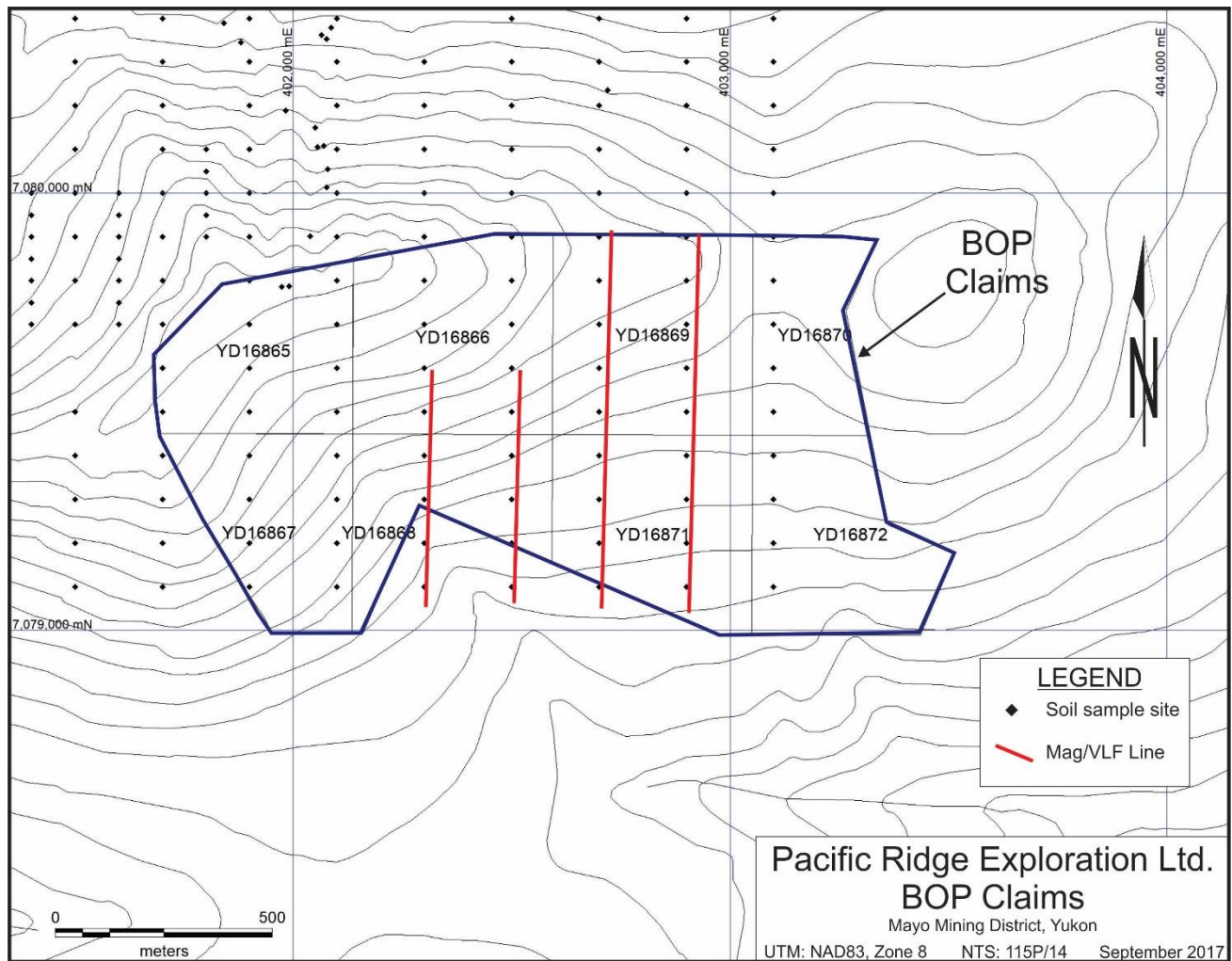


Figure 2. BOP claims map.

Pacific Ridge has an option to earn a 100% interest in the BEE and BOP claims from William Mann by paying \$100,000, issuing 500,000 shares and completing \$630,000 in exploration over 5.5 years. An additional \$125,000 is payable and 500,000 shares issuable upon completion of a feasibility study and an additional \$125,000 is payable and 500,000 shares issuable upon a production decision. The property is subject to a 2% NSR, half of which can be purchased for \$2,000,000.

Table 1. BOP Claims Table

| Grant No. | Claim Name | Claim Owner | Expiry |
|-----------------|------------|---------------------|-----------|
| YD16865-YD16872 | BOP 1-8 | William Mann - 100% | 25-May-18 |

PHYSIOGRAPHY AND CLIMATE

The RC Property covers moderate terrain, with elevations ranging from 1200 metres to 1,600 metres. Much of the property extends above the tree line and is covered by sparse tundra vegetation; ridgelines are covered by talus and felsenmeer with little vegetation. Forest cover on lower slopes consists mostly of black and white spruce. Loess is observed in many areas can prevent penetration to the proper sampling horizon and mask geochemical responses.

The climate is generally dry during the summer months with most precipitation occurring in July and August. Temperatures range from -45° C in the winter months to 30° C in the summer. Snow accumulation begins generally in late September and is mostly melted by mid-May. The regional area was subject to weak glaciation and the surrounding area is known to have accumulations of loess up to 20 metres thick.

PROJECT HISTORY

Placer Mining first began on Clear Creek in the late 1800's and the first quartz claims were staked in the early 1900's. Placer mining has continued to the present, with a dredge operating on Clear Creek from 1943 to 1954 and again between 1981 and 1987.

The first modern hard rock exploration in the area took place in the 1970's, targeting silver, tin and tungsten, metals commonly associated with Intrusion Related Gold deposits. High grade gold-silver and silver-lead-zinc veins have also been prospected.

In the 1990's, exploration shifted to bulk tonnage gold after the discovery of the Fort Knox gold deposit in Alaska, in a similar geological environment. Explorers in the vicinity of the RC Gold property included Noranda, Ivanhoe Goldfields, Kennecott and Newmont. These companies carried out geological mapping, geochemical and geophysical surveys and several campaigns of drilling. More recently, in the 2000's, Thor Explorations, StrataGold and Golden Predator have explored on the west side of the RC Property, while Ryan Gold (now StrikePoint) explored to the east.

The RC Property area was staked as the Far claims by R. Wongda after a mineralized showing in the area was discovered by Murphy and Heon during 1:50,000 scale geological mapping in 1993. The mineralized samples collected by Murphy and Heon assayed 377 ppb gold and 478 ppm manganese (vein), 435 ppb gold, 72 ppm bismuth, 88 ppm arsenic, 15.3 ppm silver, 242 ppm lead and 303 ppm tungsten (vein, disseminated) and 20 ppb gold and 789 ppm arsenic (breccia) (Minfile occurrence # 115 061; name: BIG).

In 1994, Wongda carried out minor geological mapping and sampling on claims Far 65-70. L. Hart re-staked the showing in December 1994. Thor Explorations Ltd. optioned the Far and other neighbouring claims from Hart. In September 2003 Thor Explorations carried out soil sampling and prospecting on Far claims 31-34, and 51-54 and other neighbouring claims. In 2005 Thor Explorations Ltd carried out an additional reconnaissance exploration program.

In 2010, Bearing Resources acquired the BIG claims centred on the Big Creek Stock and carried out a small soil and rock sampling program. They identified quartz-tourmaline breccia in altered metasediments within the stock, with one grab sample running 2.91 gpt Au taken from several rusty float boulders with quartz-arsenopyrite veining (Mann, 2011).

In 2014, William Mann staked the BEE claims and in 2015 carried out a program of rock and soil sampling. In 2017, he added the BOP claim group on the southeast side of the RC claim group.

In August 2016, Fox Exploration took three rock grab samples exposed along the newly constructed Big Creek road that cuts through the RC property area, one of which returned 180 ppb gold (Coe, 2017). The RC claims were subsequently staked for Fox Exploration to cover a target area that includes the Big Creek Stock and historic plus recent anomalous gold occurrences. Brief reconnaissance

prospecting on the property in October 2016, identified quartz monzonite and quartz vein float assaying 115 and 244 ppb gold respectively (Coe, 2017).

REGIONAL GEOLOGY

The Clear Creek property is located within the Selwyn Basin, a sequence of shelf and off-shelf sedimentary and lesser volcanic strata along the margin of the Mackenzie Platform to the northeast (Gordey and Anderson, 1993), deposited from late Precambrian to Triassic time. The environment was predominantly subaqueous, with some episodes of uplift. In the Cretaceous, the Selwyn Basin strata were intruded by the 92 Ma Tombstone Plutonic Suite, forming an arcuate belt of intrusions extending east-southeast from the Fairbanks area across the Yukon. A second intrusive suite, the Late Cretaceous - early Tertiary McQuesten suite, extends east-west along the southern margins of the Clear Creek area.

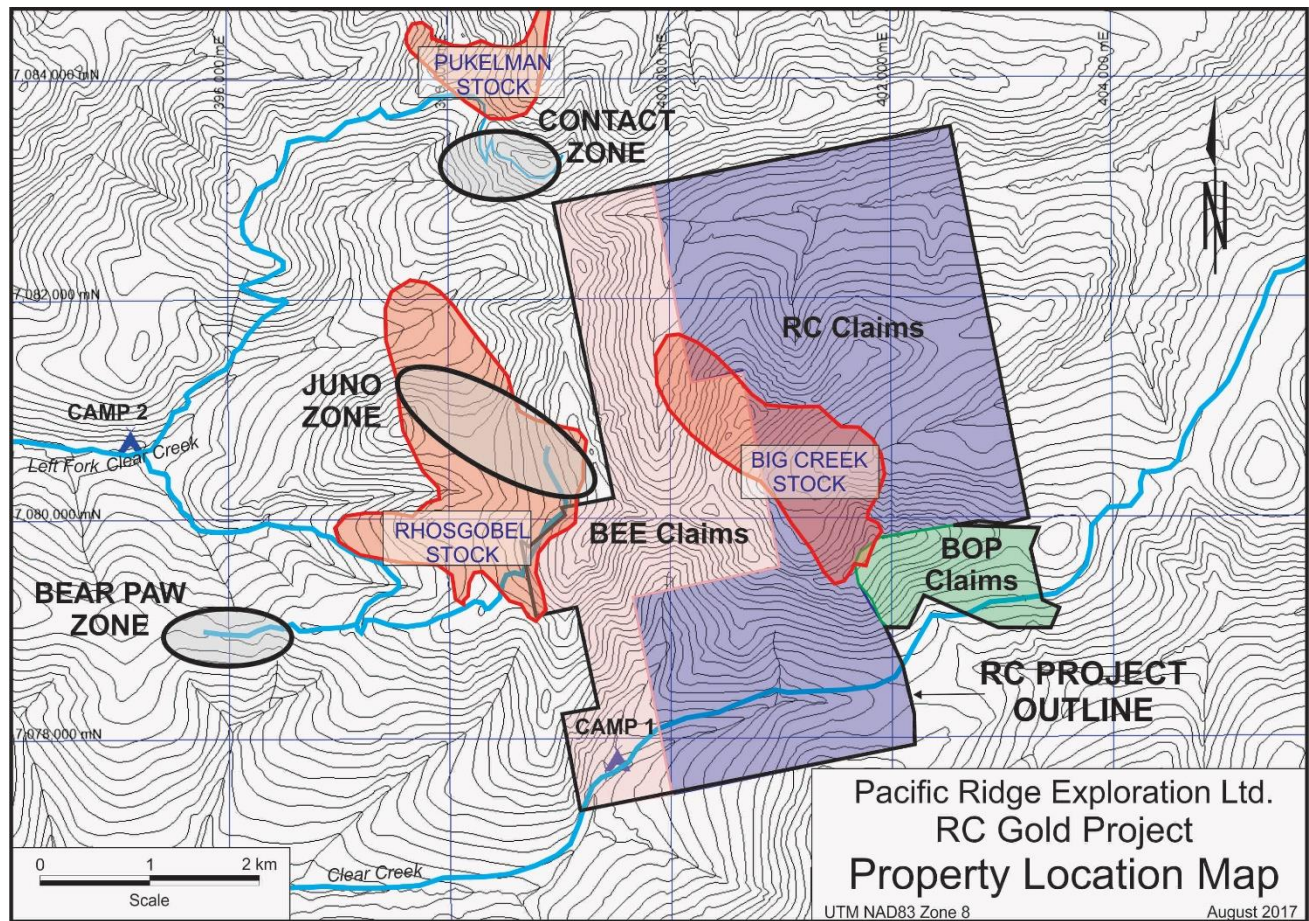


Figure 3. RC Gold property map showing Tombstone-aged intrusions (red outlines) and mineralized zones (Contact, Juno and Bear Paw) on the adjacent Clear Creek property.

The Clear Creek area is underlain by basal Selwyn Basin strata belonging to the Yusezyu Formation of the Upper Proterozoic to Lower Cambrian Hyland Group. Yusezyu Formation sediments consist largely of pelites, psammites, coarse clastic "grits" and quartzites, with lesser limestone and marble, calcareous elastic sediments and chemical and elastic sediments. The "Tombstone Strain Zone", a broad zone of complex deformation, resulting in multi-episodic folding and prominent foliation and lineation development within the sediments, extends roughly east-west just north of the project area (Murphy and Heon, 1996).

Tombstone Suite stocks in the area include the Rhosgobel, Big Creek, Pukelman, Josephine and Eiger stocks (see Figure 3 – Josephine and Eiger stocks are just off the map to the north). The Josephine and Big Creek stocks are dioritic, the Eiger stock is granodiorite and the Rhosgobel and Pukelman stocks are quartz monzonite to granite. The intrusions are surrounded by a broad zone of hornfels. The McQuesten Suite intrusions, including the Vancouver Creek stock, are mostly of biotite-muscovite granite to quartz monzonite, medium to coarse grained and locally porphyritic.

Valley floors are covered by unconsolidated Quaternary sediments.

PROPERTY GEOLOGY

The Property is underlain mostly by Yusezyu Formation metasedimentary rocks exhibiting multi-episodic deformation that results in a pervasive foliation and locally several styles of folding. Areas proximal to the Clear Creek intrusions exhibit hornfelsing and contact metamorphic and metasomatic fabrics. Stephens et. al. (2003) have divided the hornfels aureole into two zones: an inner aureole of contact metasomatism with skarn development, strong foliation and a strong contact metamorphic overprint of biotite-andalusite; and an outer aureole characterized by a contact metamorphic overprint of biotite and andalusite. It has been suggested that all these intrusions may be related as variously fractionated magma from a single parent source at depth, as they are approximately the same age and occur within a single large halo of hornfels (Schulze, 2005).

The Big Creek Stock underlies much of the southern portion of the RC claim block (Figure 3). A hornfels zone extends more than 200 m from the intrusive contact. Minor limonitic granitic dykes extend up to 500 metres from the stock (Schulze, 2005).

MINERALIZATION

The target at RC Gold is an Intrusion Related Gold deposit like Eagle Gold (Victoria Gold), Brewery Creek (Golden Predator) and Red Mountain in Yukon and Fort Knox, True North, Pogo and Donlin Creek in Alaska.

Coombes (1995) reports three styles of mineralization on the adjoining Clear Creek property, including gold-bearing stockwork to sheeted vein zones hosted by felsic to intermediate intrusions and adjacent hornfels zones; auriferous pyrite within fault zones cutting metasedimentary rocks; and scheelite-bearing calc-silicate skarns. The mineralization at Bear Paw on the Clear Creek property (see Figure 2) is mainly breccia hosted with only minor felsic dikes, and may be in the cupola zone of an intrusion at shallow depth below the known mineralized zone.

On the Property, a sample of quartz-arsenopyrite veining within brecciated phyllite returning a value of 0.112 opt (3.48 g/tonne) gold was obtained by Bema Industries Ltd. in 1981 near the eastern boundary of the claim block (Schulze, 2005). In the same general area, Murphy and Heon (2006) report a breccia zone where mineralized samples assayed 377 ppb gold, now known as the BIG Minfile occurrence (115 061). Coe (2017) reported quartz vein float along the new Big Creek road with gold values ranging from 115 to 244 ppb.

2017 EXPLORATION PROGRAM

A crew of four mobilized by truck from Whitehorse to Camp 1, located on the upper reaches of Clear Creek, on July 9, 2017. The crew included a geologist, field technician and soil sampler from Fox Exploration, accompanied by G. Carlson of Pacific Ridge. On July 24, 2017, the crew moved by road to Camp 2 on the Left Fork of Clear Creek. On August 1, 2017, the crew was demobilized by truck back to Whitehorse. Carlson left the Property on July 13 and returned from July 28 to July 31.

Carlson completed two mapping traverses along and to the north of Big Creek road out of Camp 1. During the period July 23 to July 27, J. Pautler of J.P. Exploration Services mapped the northwest corner of the property adjacent to the Contact and Juno zones on Victoria Gold's Clear Creek property from Camp 2. All geology stations are shown on Figure 4.

A wide spaced soil grid, with samples spaced 100 m apart on 200 m spaced lines, was laid out to cover as much of the Property as possible utilizing the existing road access. During the first half of this program, a field portable Olympus Handheld XRF Analyzer, leased from Reflex Instruments, was used to give a field analysis of metal values. Samples were analyzed with the XRF Analyzer each evening after the day's sampling effort. High arsenic values, as a proxy for gold, were used to select areas to tighten up grid spacing. Tighter spacing was also used over a portion of the historical Far claims soil geochemical grid (Lueck, 1994), which had encountered some significant gold soil anomalies, and extending Mann's soil grid on the BEE claims, adjacent to the Clear Creek Contact zone (Mann, 2015). Locations of all 2017 soil samples are shown in Figure 4.

A magnetics and VLF electromagnetics survey was run using a Gem GSM-19 Overhauser Mobile Magnetometer with integrated VLF and Mobile Magnetometer Base Station rented from SJ Geophysics of Delta, British Columbia ("SJ"). Four lines were completed in the southeast corner of the Property, mainly on the BOP claims, to confirm an interesting east-west trending magnetic anomaly delineated in an earlier airborne survey (Stammers, 1998). Mag-VLF lines were run north-south, at right angles to the strike of the mag feature, and spaced 200 m apart. Readings were taken at 12.5 m intervals along the lines. The lines ranged from 600 to 900 m, for a total survey length of 3 km (Figure 4).

Geology

The following description is condensed from a memo by J. Pautler (see Appendix V). The predominant rock type encountered during the mapping was Yusezyu Formation metasediments. Lithologies include muscovite-chlorite phyllite and micaceous quartzite, with lesser meta-arenite and siliciclastic grit, commonly interbedded. Foliations generally trend easterly to locally southeast and northeast, dipping shallow to moderately north. Biotite hornfelsing is common and andalusite is present within the phyllites within a small embayment of the phyllite into the Rhosgobel stock and within a pendant within the Big Creek stock. Calc-silicate alteration \pm pyrrhotite was observed within a gossanous zone within the pendant with pyrrhotite observed within the surrounding diorite and granodiorite of the stock.

The metasedimentary rocks are intruded by the Cretaceous Tombstone plutonic suite Rhosgobel and Big Creek stocks (Figure 3). The Rhosgobel stock is medium to coarse grained with megacrysts of potassium feldspar, and quartz monzonite in composition. Abundant southeast trending dykes emanate from the stock. The Big Creek stock is medium to fine grained diorite with minor granodiorite. Brecciation occurs along the northern contact of this stock.

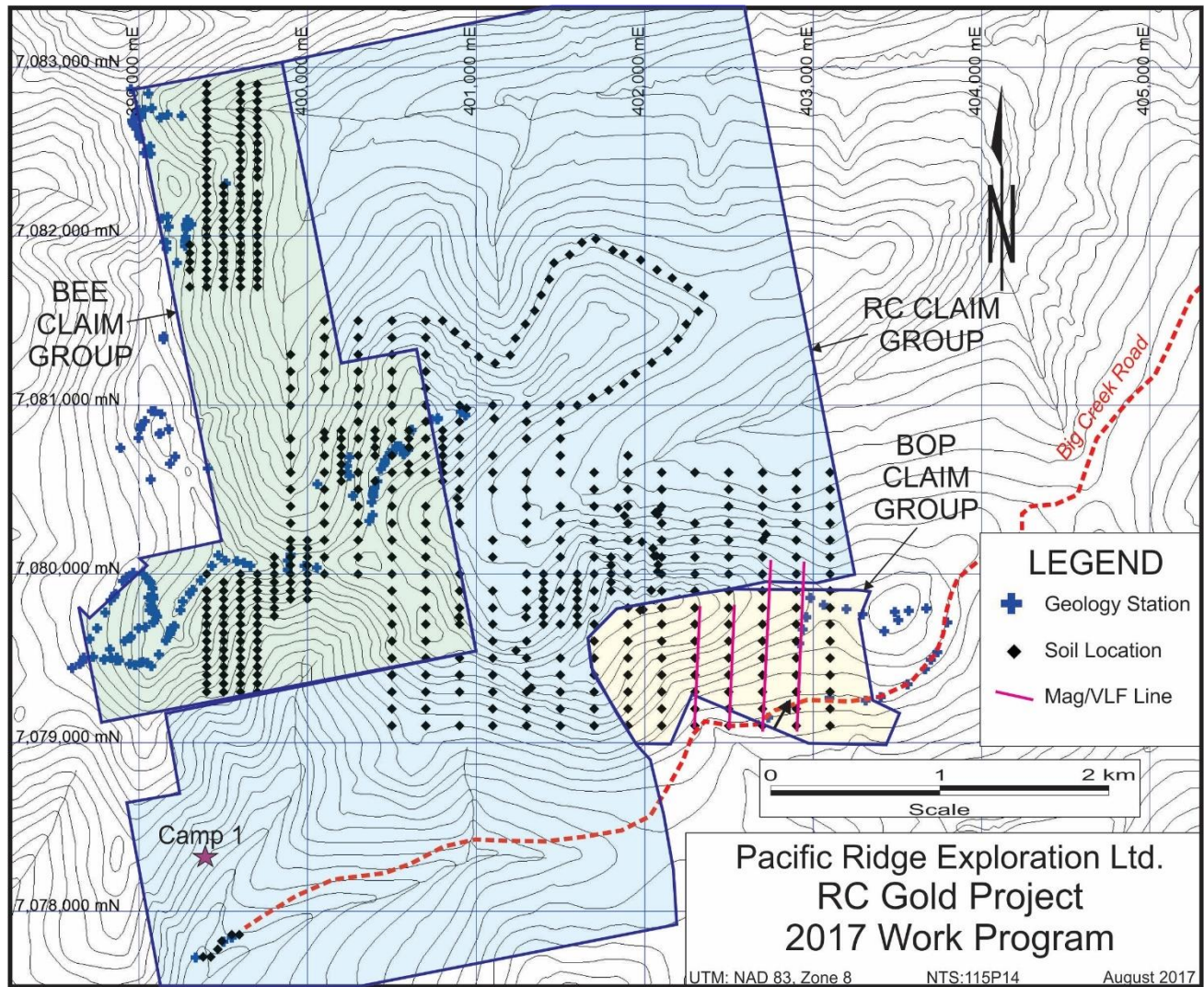


Figure 4. Location of 2017 work program activities.

A major north trending fault extends along the northerly flowing portion of upper Big Creek, extending southwards, to where it has been previously recognized through the saddle and along upper Right Clear Creek. This fault may be the continuation of the Josephine fault (Stammers 2000), dextrally offset along the easterly trending fault following the east flowing section of Big Creek. More east west trending structures discussed below do not appear to cross upper Big Creek. A major easterly trending fault has been previously recognized along the easterly flowing tributary of Big Creek and then along the easterly flowing portion of Big Creek. This fault appears to extend through the northern Contact zone extension in the Bee grid area.

Mineralization

The most extensive area of quartz-arsenopyrite veining observed was in the Contact Zone extension (Figure 5) in the Bee grid area (see also Figures 1 and 3, Appendix V), above a 913 ppb Au soil anomaly. Sheeted, about 20 cm wide, quartz veins, locally containing arsenopyrite, occur at what appears to be an old trench or pad. Three grab samples of quartz vein and breccia material from this area ran 0.317 gpt Au (with 4.6 gpt Ag and 3,383 ppm As), 0.511 gpt Au and 0.257 gpt Au (with 3,292 ppm As).

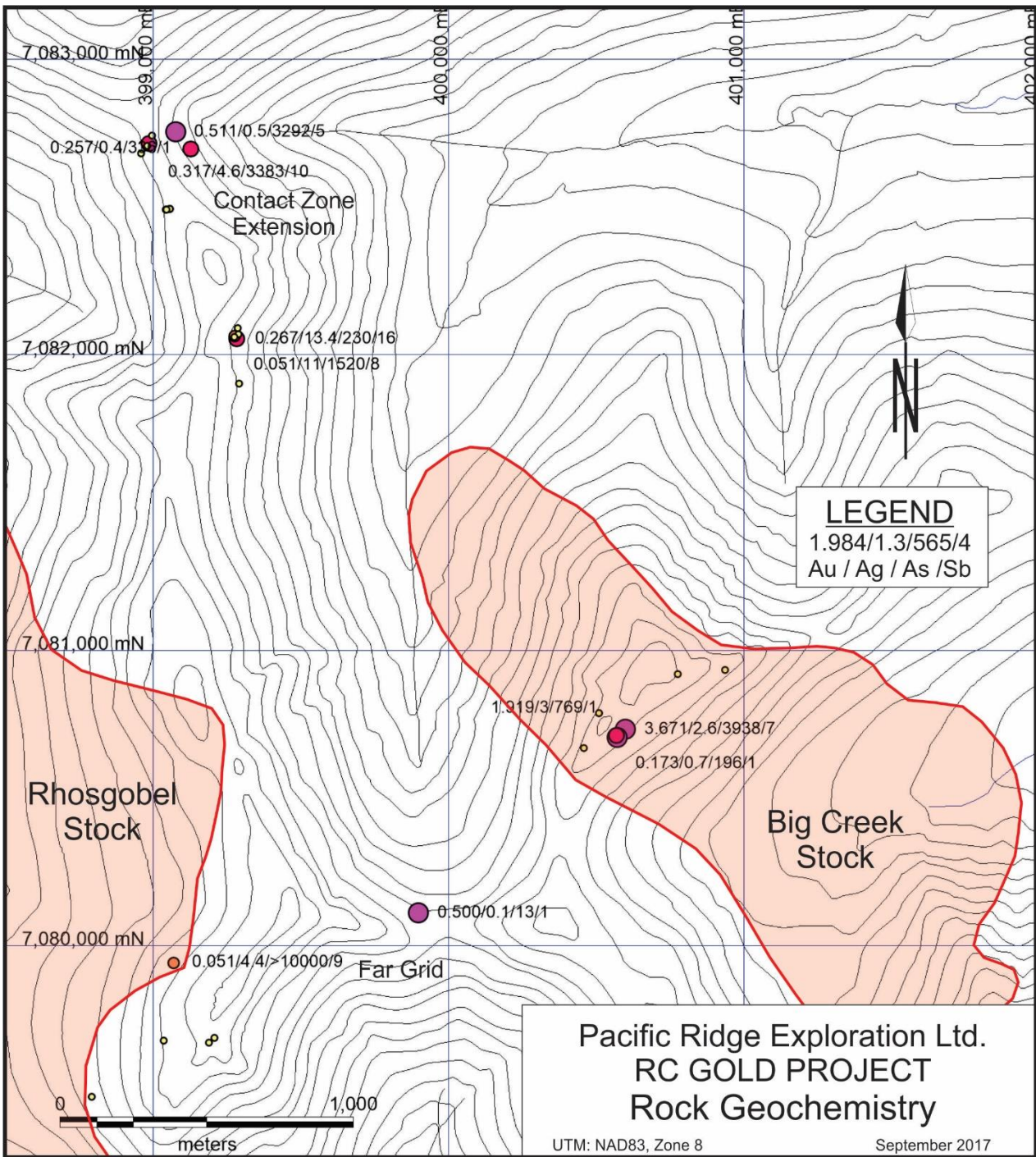


Figure 5. Rock geochemistry sample locations (circles) and values for higher grade samples.

A gossan area corresponding to a calc-silicate altered zone of limy metasedimentary rock occurs within the Big Creek stock. Pyrrhotite occurs within the calc-silicate and within the surrounding diorite and granodiorite. Quartz ±tourmaline float was also observed. A grab sample of rusty quartz breccia ran 3.6 gpt gold with 2.6 gpt Ag and 3,938 ppm As. A second grab of similar quartz breccia assayed 1.919 gpt Au with 3 gpt Ag and 769 ppm As. A piece of quartz float with clots of galena mineralization was discovered on a steep slope just east of the Big Creek stock. This style of mineralization is typically found on the periphery of gold zones with this style of mineralization. This could be a distal manifestation of the Big Creek stock gold values mentioned above.

Several gossanous zones with local quartz veining were noted in the area of the Far Grid (Figure 5). The rocks are typically limonite, sericite and epidote altered, locally with tourmaline. One grab sample assayed 0.5 gpt Au.

The memo by Pautler (Appendix V) provides a more in-depth description on mineralization with a tabulation of samples collected and summary analytical results. The memo also provides local detailed maps of some of the areas covered by the survey.

Soil Geochemical Survey

The soil survey was designed with three purposes in mind: Firstly, to provide broadly spaced coverage of as much of the claim group as practical from existing road access. Secondly, to extend the grid and gold anomaly defined by Mann (2015) within the BEE claims in the northwest corner of the claim group and, finally, to confirm and extend the historical gold anomaly on the Far grid (Lueck, 1994) in the southwestern corner of the claim block. Sample locations are shown in Figure 6.

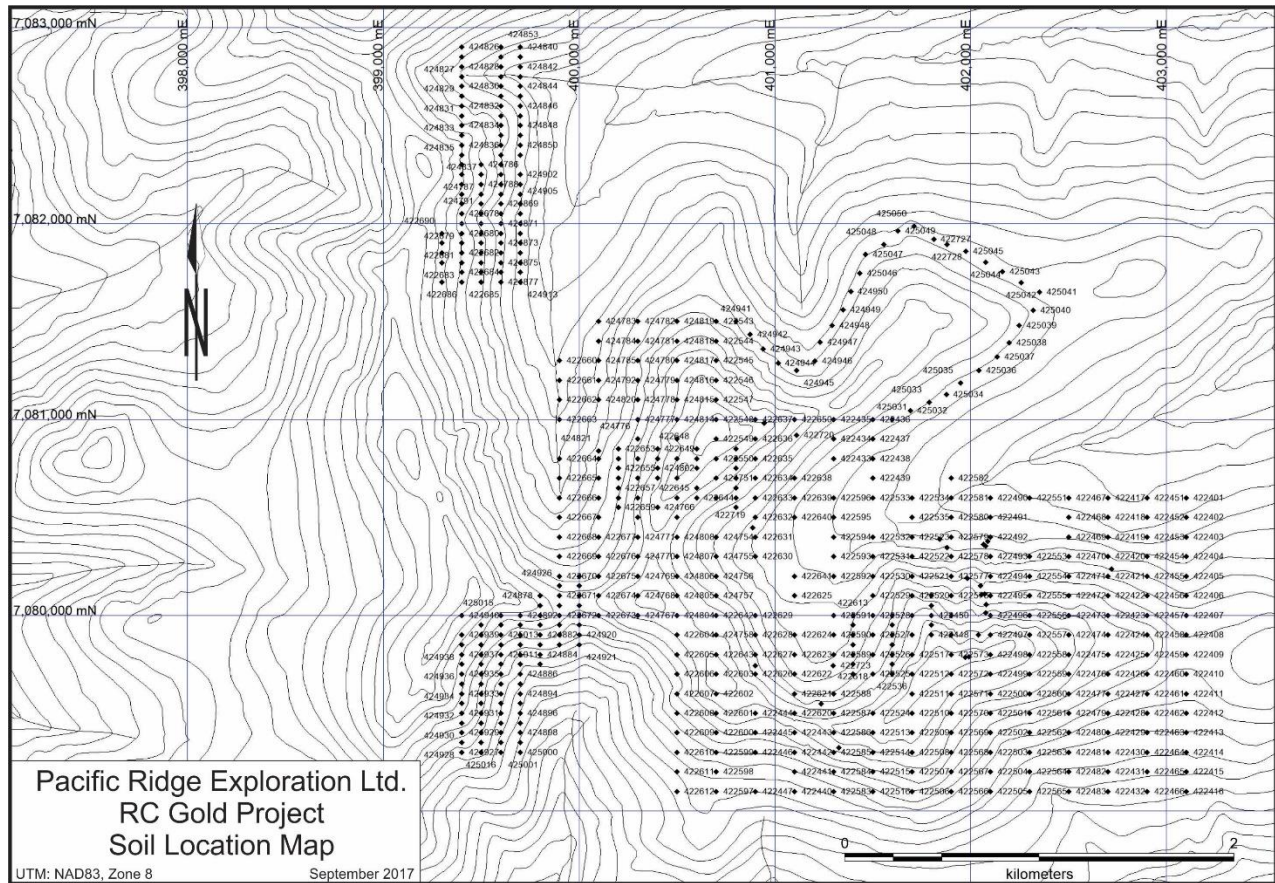


Figure 6. Soil geochemistry sample locations.

During the first half of the program, soil samples were analyzed daily with the field portable XRF analyzer. Due to the wet weather conditions and the time constraints of the program, there was insufficient time to dry and sieve the samples. The analysis was carried out by emptying each sample onto a paper plate, removing any larger fragments and conducting analyses on two different portions of the sample. These readings were then averaged by the XRF instrument.

The portable XRF is not capable of measuring gold at the levels typical of soils in this area (<1 ppm) and typical Sb values are also at or below detection levels. For this survey, As was used as a pathfinder

and, where anomalous As values were detected, the soil grid was tightened up with 100 m spaced in-fill lines.

For interpretation purposes, the 538 samples collected during the 2017 program have been combined with the 230 soils collected mostly on the BEE claims as reported by Mann (2015). Figure 7 shows the relationship between the two data sets within the Property.

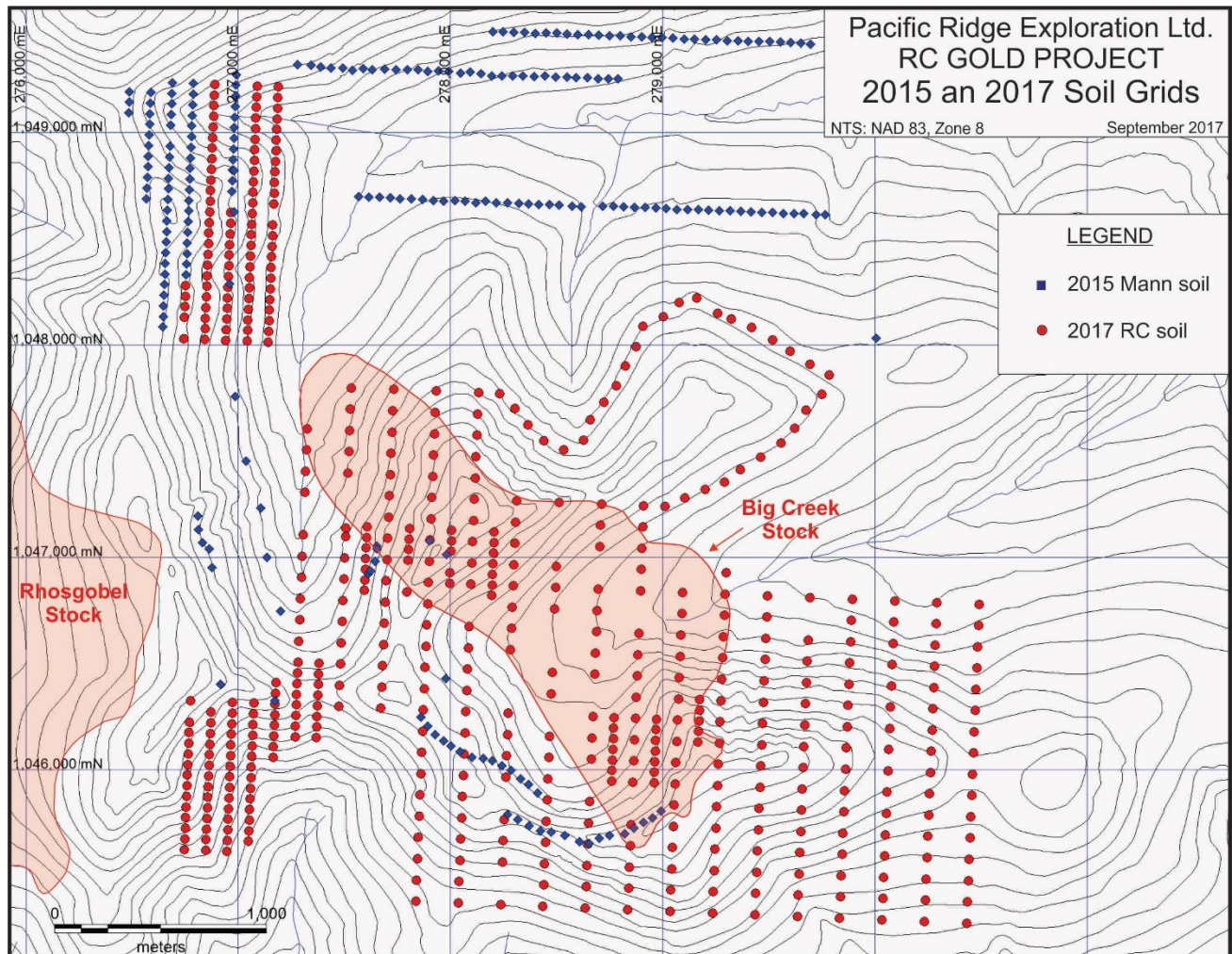


Figure 7. Mann 2015 and RC 2017 soil sample locations.

The statistics below, in Table 2, for determining threshold levels for gold and related associated and pathfinder elements, were calculated only on the 2017 geochemical data set. Values above the 98th percentile are taken as very strongly anomalous, above 95th percentile strongly anomalous, 90th percentile as anomalous and 70th percentile as weakly or possibly anomalous.

Results of the survey are shown in Figures 8 to 19. The survey defined four anomalies: BEE North, BEE South, Big and Far, as shown on each of the interpretation maps. Maps portraying the details of the gold values within these anomaly areas are outlined in Figure 8 and presented in detail in Figures 9 to 11.

Table 2. Percentile threshold values (in ppm) for key elements.

| | Au | Ag | As | Sb | Bi | Cu | Pb | Zn | W |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| Maximum | 0.998 | 36.9 | 2220 | 26 | 17 | 192 | 661 | 440 | 150 |
| 98th Percentile | 0.140 | 3.7 | 681 | 5 | 4 | 97 | 129 | 161 | 40 |
| 95th Percentile | 0.082 | 2.2 | 460 | 3 | 3 | 76 | 75 | 132 | 21 |
| 90th Percentile | 0.053 | 1.1 | 308 | 2 | 2 | 60 | 46 | 114 | 10 |
| 70th Percentile | 0.019 | 0.5 | 112 | 1 | 1 | 40 | 23 | 91 | 5 |
| Min | 0.001 | 0.1 | 4 | 1 | 1 | 9 | 7 | 19 | 5 |

BEE North Anomaly

The BEE North anomaly, in the extreme northwest corner of the Property, may be related to the nearby Contact Zone on the adjacent Clear Creek property. The anomalous gold values are accompanied by a strong arsenic signature (Figure 13), weakly anomalous antimony (Figure 14) and moderately anomalous bismuth (Figure 15). The strongest gold soil values, 0.199 and 0.913 Au, are from samples collected immediately down slope from quartz veins, locally containing arsenopyrite. Three grab samples of this vein material assayed 0.511 ppm Au, 0.257 ppm Au and 0.317 ppm Au (see Figure 9). The location and geochemical signature suggest a potential relationship with the Contact Zone and the Pukelman Stock on the adjacent Clear Creek property. Mineralization reported from the Contact zone is typically quartz vein related and tends to be high grade over narrower intervals as opposed to low grade bulk tonnage.

BEE South Anomaly

As can be seen in Figure 9, the BEE South anomaly is defined by four adjacent gold soil values ranging from 0.227 to 0.998 ppm Au over a north-south strike length of plus 75 m. An additional strongly anomalous value, 0.267 ppm Au, occurs just to the southwest. The gold values are supported by strongly anomalous silver, antimony and lead and moderately anomalous arsenic (see Figures 12, 13, 14 and 17). No rock samples were collected in this area during the program.

The linear nature of the anomaly, striking north-south or possibly north-northeast, and the geochemical signature, suggests that this anomaly is reflecting the presence of a subcropping gold-silver vein, likely galena-bearing. This style of mineralization typically occurs peripheral to the intrusive-related gold zones, in this case the Contact Zone.

Big Creek Anomaly

This anomaly occurs near the centre of the property, within the Big Creek Stock. It appears to be related to rusty and altered quartz breccia and pyrrhotite-bearing calc-silicate near contacts with lenses of metasediments caught up within the intrusive. Gold values of 3.571 ppm and 1.919 ppm Au were returned from two grab samples.

The gold soil anomaly is approximately 500 m long in an east-west direction along the top of a ridge. It is supported by strongly anomalous arsenic and moderate to weakly anomalous silver, copper, lead, zinc and tungsten.

This is the first report of intrusive-related style of gold mineralization related to the Big Creek Stock. A second zone of proximal to distal Au-Ag-Pb mineralization was also noted during the program, along the southeast margin of the Big Creek Stock, about one km southeast of the Big Creek Zone. Anomalous Au-Bi values grade to the east to anomalous Ag-Pb-Cu values over about 750 m. A piece

of galena mineralized quartz float was discovered on a steep talus slope in the eastern portion of this anomaly.

Far Anomaly

A gold-arsenic-copper anomaly was first defined in this area by Thor Resources (Lueck, 1995). Soil sampling in 2017 covered the eastern portion of this anomaly and extended sampling further to the east. No significant showings have yet been discovered in this area due to poor exposure, but one rock sample of quartz vein with chlorite and trace arsenopyrite, collected from the ridge in the northeast corner of the anomaly, assayed 0.5 ppm Au (Figure 11).

The anomaly is almost one km in length, northeast trending and open to the west, where it is further defined by the 1995 sampling for approximately another 500 m. In addition to strong gold values (Figures 8 and 11), the anomaly is supported by strongly anomalous bismuth and moderately anomalous silver, arsenic and antimony. It also has associated anomalous tungsten and copper values. This metal assemblage suggests a mineralization source that is “proximal” within the intrusive-related gold model. This zone is adjacent to the Juno Zone within the Rhosgobel Stock on the adjoining Clear Creek property and it may represent a similar style of mineralization.

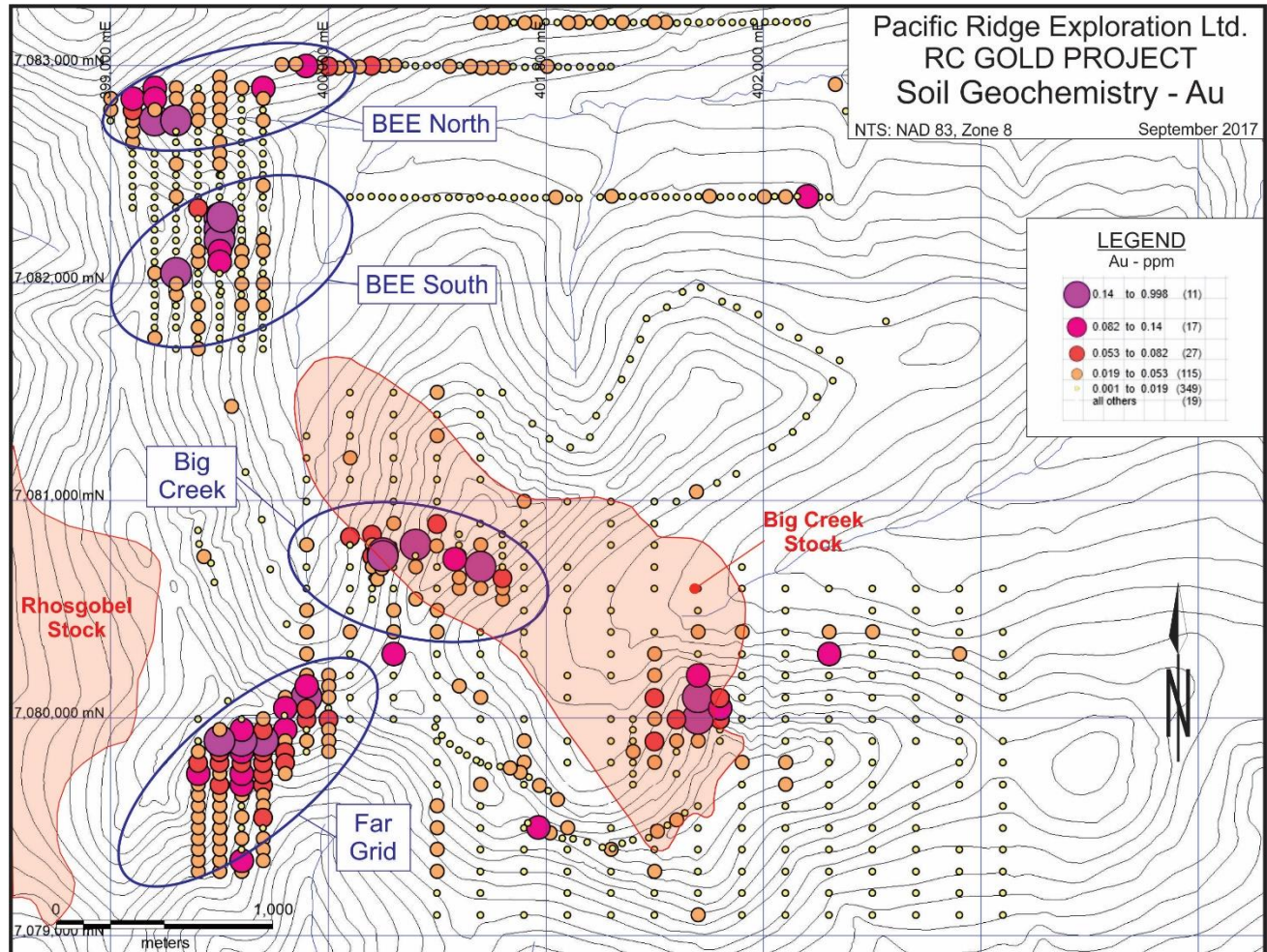


Figure 8. Soil geochemistry results – gold.

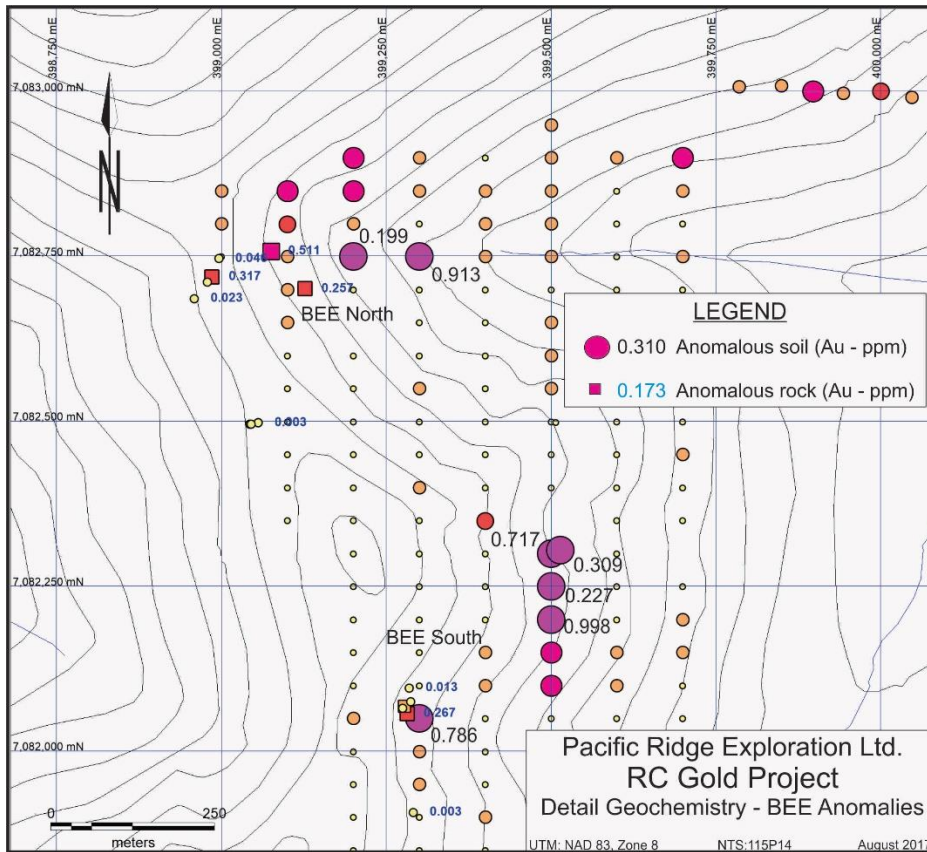


Figure 9. Detail gold rock and soil geochemistry, BEE Anomalies.

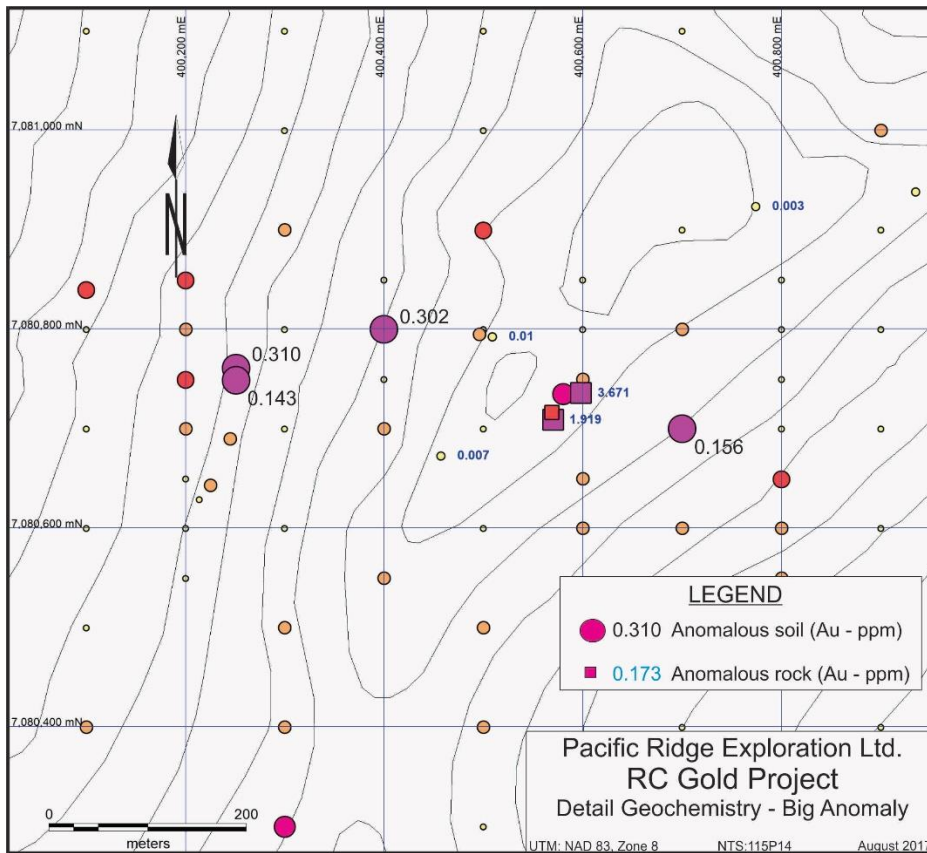


Figure 10. Detail gold rock and soil geochemistry, Big Anomaly.

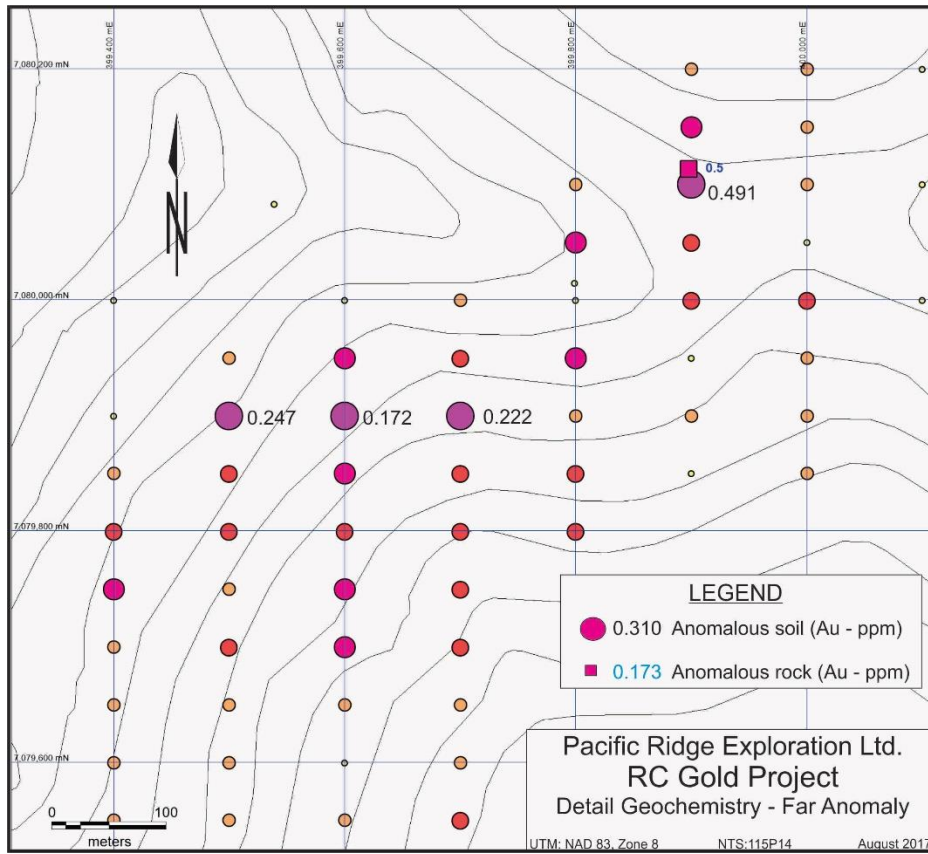


Figure 11. Detail gold rock and soil geochemistry, Far Anomaly.

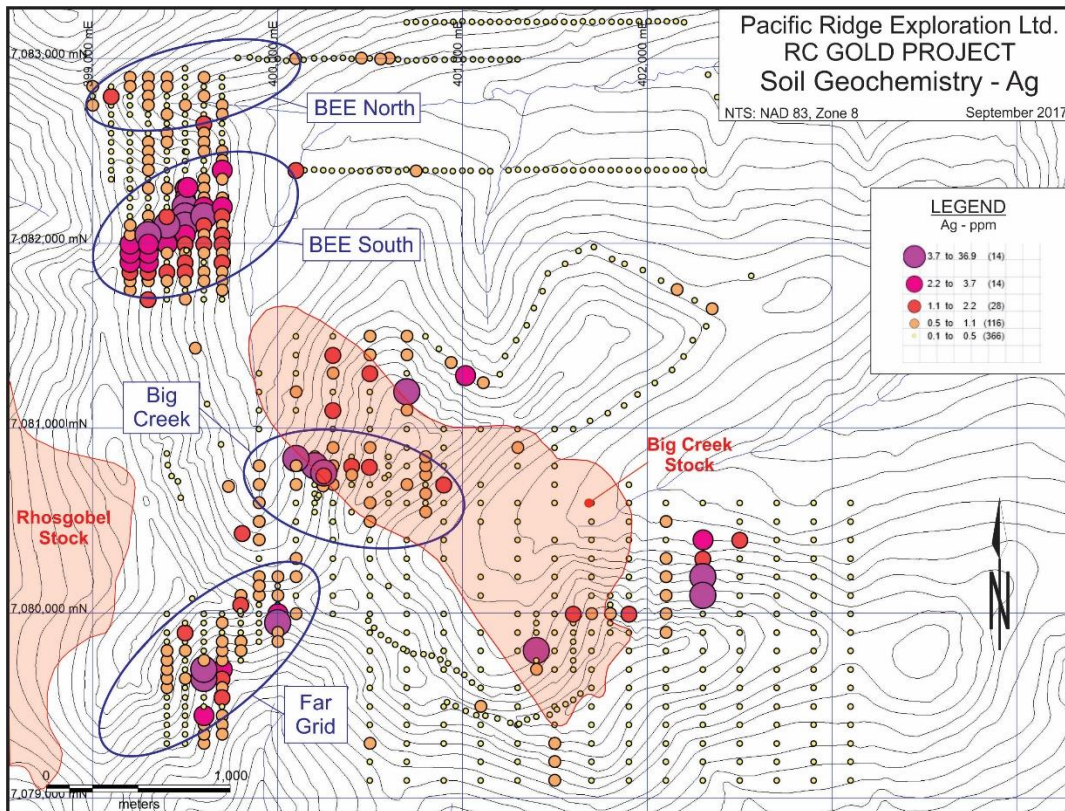


Figure 12. Soil geochemistry results – silver.

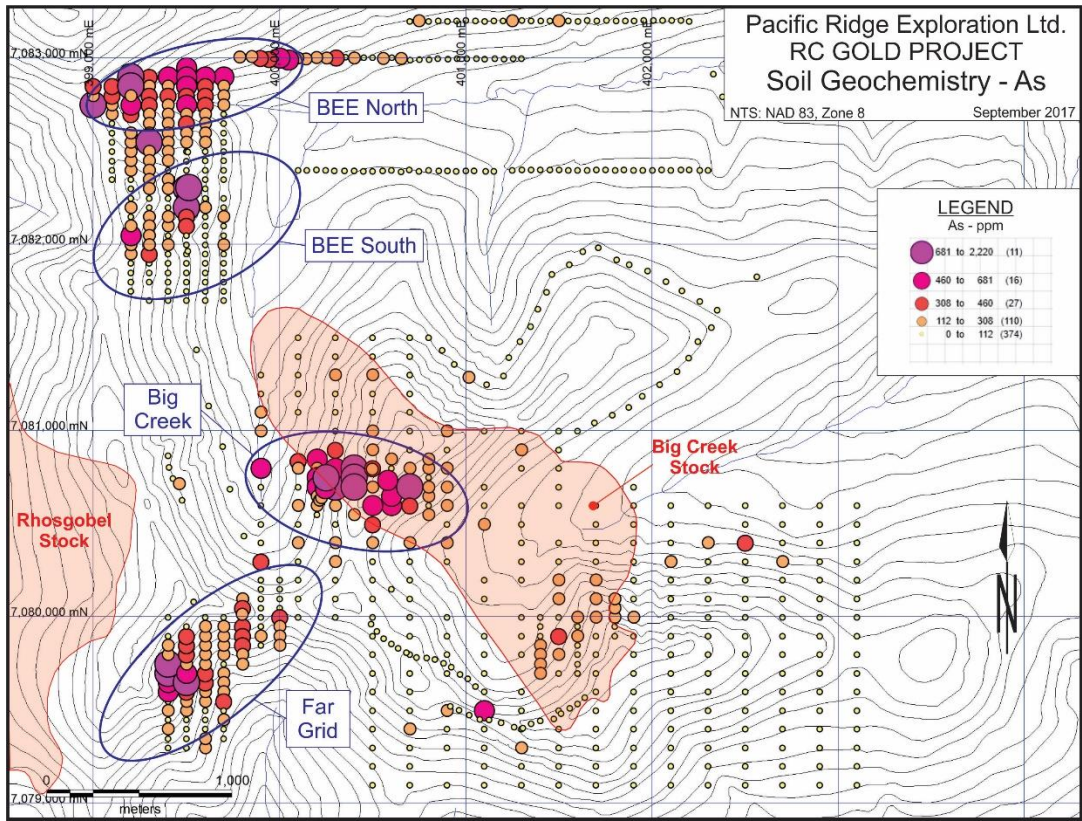


Figure 13. Soil geochemistry results – arsenic.

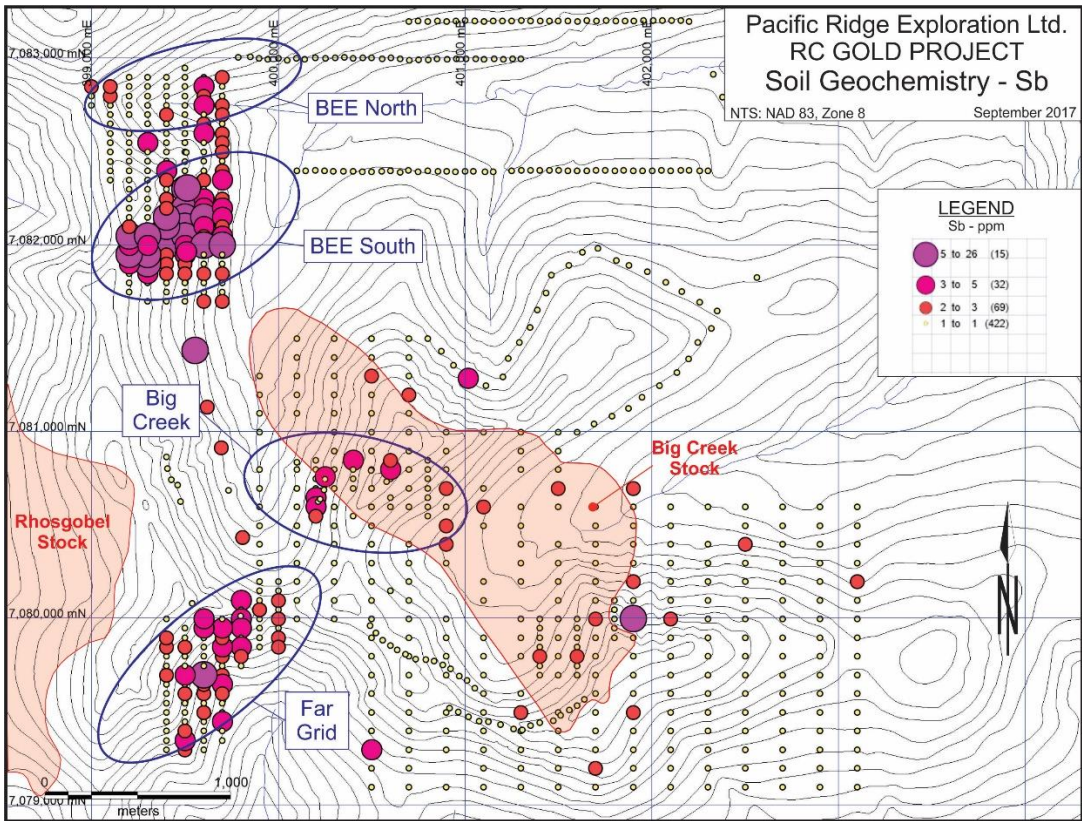


Figure 14. Soil geochemistry results – antimony.

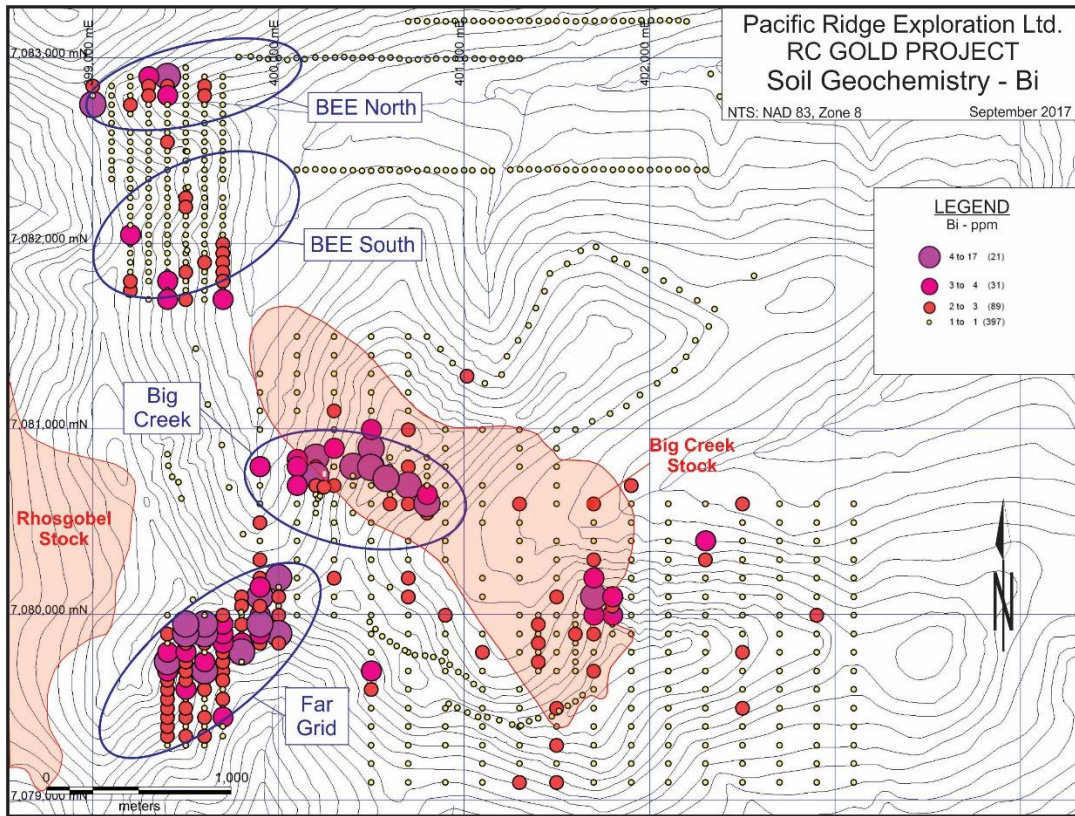


Figure 15. Soil geochemistry results – bismuth.

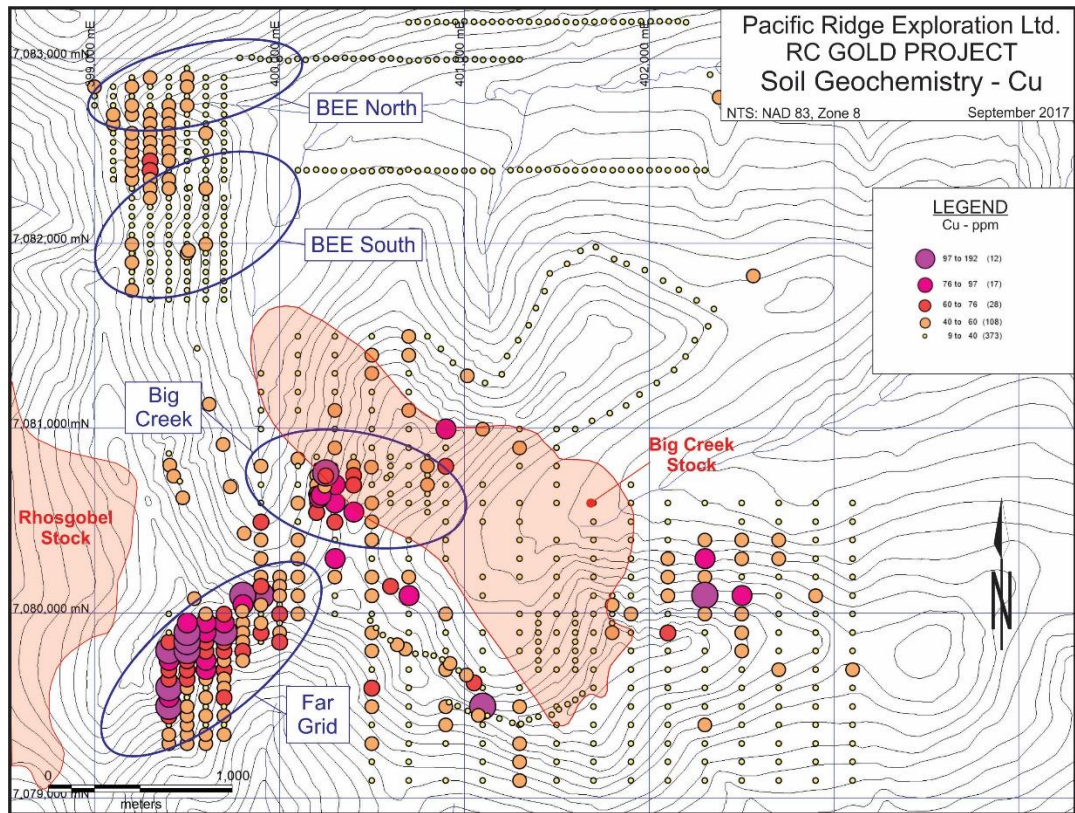


Figure 16. Soil geochemistry results – copper.

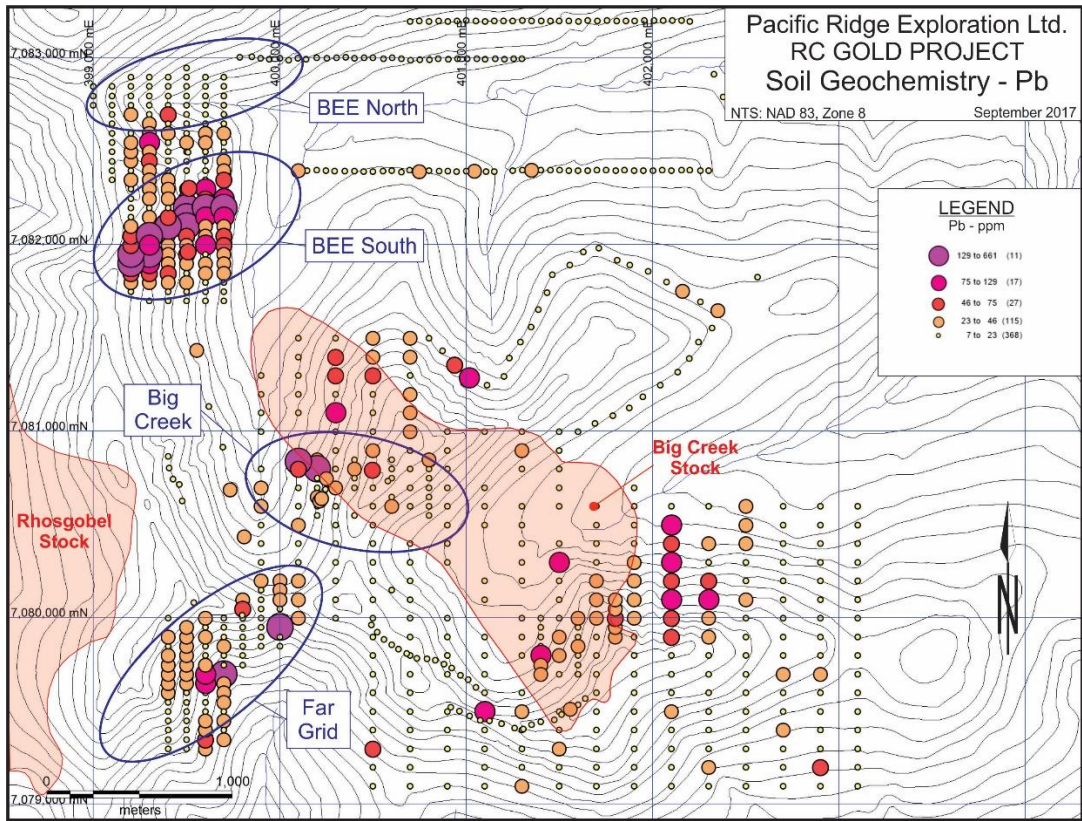


Figure 17. Soil geochemistry results – lead.

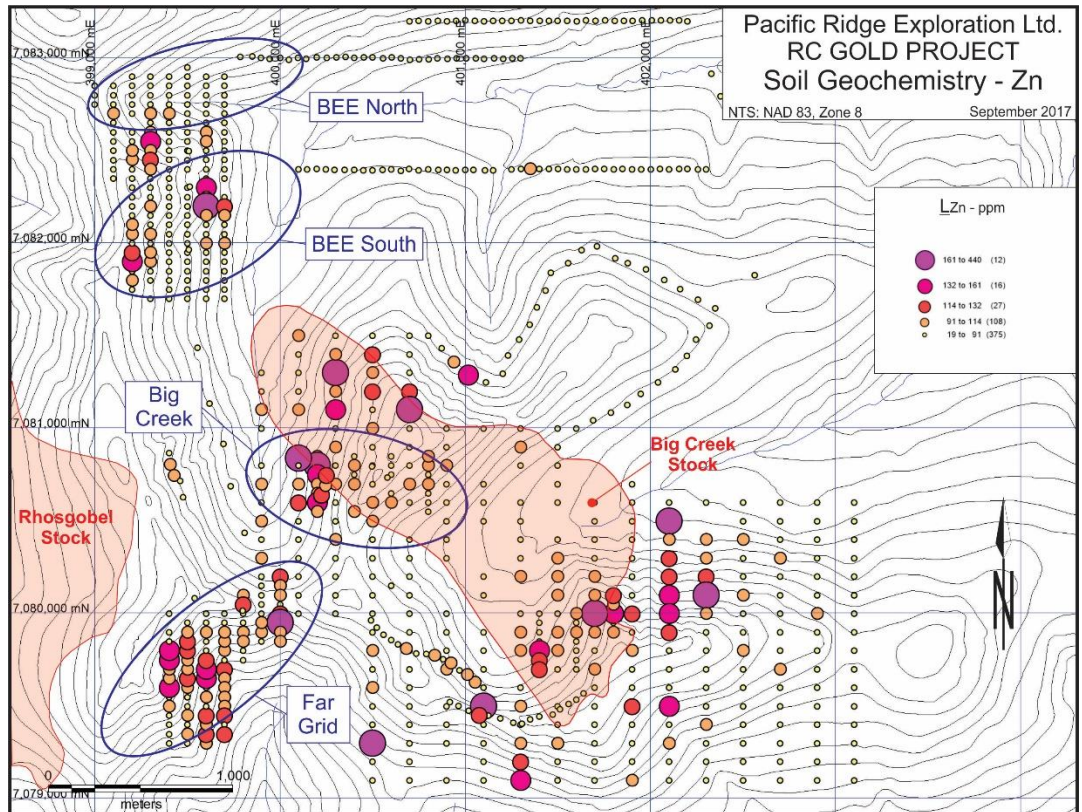


Figure 18. Soil geochemistry results – zinc.

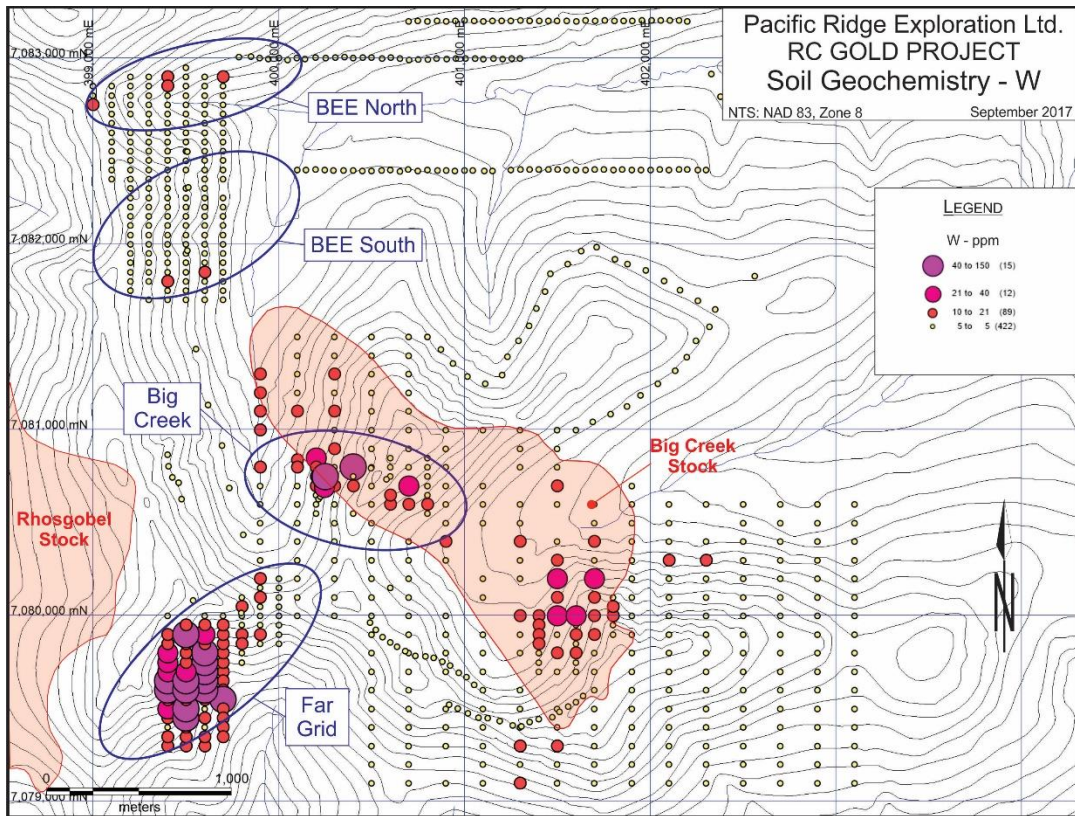


Figure 19. Soil geochemistry results – tungsten.

Mag-VLF Survey

Three short lines of 600 m to 950 m each (see Figure 4) were run over a magnetic anomaly in the southeastern corner of the Property that was originally defined by an airborne survey carried out by Newmont (Stammers, 1998). The survey confirmed the anomaly, with an amplitude of approximately 1,200 nT and a width of approximately 150 m. The anomaly is believed to be caused by a near surface, magnetite-bearing intrusive elongated in an east-west direction. No intrusive rocks or any other type of high magnetic susceptibility materials were observed in the survey area, likely due to heavy overburden cover. No anomalous metal values were encountered in the soil survey in this area.

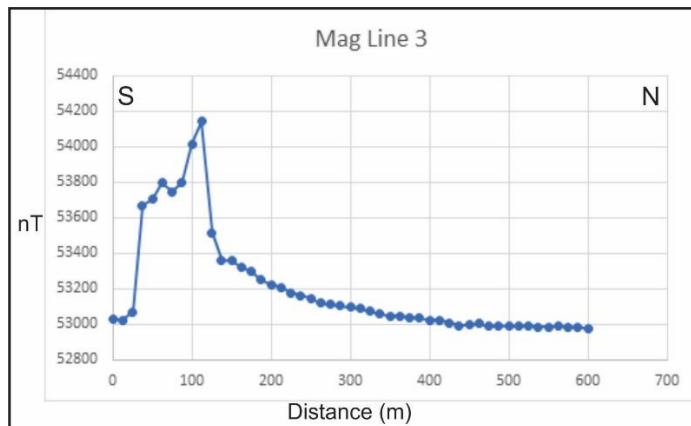


Figure 20. Typical magnetic profile (Line 3).

CONCLUSIONS

The 2017 RC Gold project exploration program successfully defined four strong targets for follow-up exploration.

The target at RC Gold is an Intrusion Related Gold deposit like Eagle Gold (Victoria Gold), Brewery Creek (Golden Predator) and Red Mountain in Yukon and Fort Knox, True North, Pogo and Donlin Creek in Alaska.

The Property lies within the Tombstone Gold Belt where Fort Knox style mineralization is known to be associated with Tombstone Suite intrusions (Hart, et.al., 2002). The headwaters of Clear Creek a historically significant placer gold bearing creek, and Big Creek drain from the property. Recent prospecting (Coe, 2017) has discovered gold mineralization in quartz veins related to the Big Creek Stock, within the Property. The Property is underlain by metasedimentary rocks of the Yusezyu Formation of the Upper Proterozoic to Cambrian Hyland Group. These have been intruded by the Tombstone-aged (Mid-Cretaceous) Big Creek diorite stock.

During the 2017 mapping program, quartz-arsenopyrite veining was observed in the Bee grid area. Three grab samples of quartz vein and breccia material from this area ran 0.317 gpt Su (with 4.6 gpt Ag and 3,383 ppm As), 0.511 gpt Au and 0.257 gpt Au (with 3,292 ppm As). A gossan area corresponding to a calc-silicate altered zone of limy metasedimentary rock occurs within the Big Creek stock (Big Creek Anomaly). A grab sample of rusty quartz breccia ran 3.6 gpt gold with 2.6 gpt Ag and 3,938 ppm As. A second grab of similar quartz breccia assayed 1.919 gpt Au with 3 gpt Ag and 769 ppm As.

The results of the soil survey, when combined with soil results over the BEE grid completed earlier by Mann (2015), defined four strong geochemical anomalies. The **BEE North Au-As-Sb-Bi** anomaly may be related to the nearby Contact Zone on the adjacent Clear Creek property. Three grab samples of vein material assayed 0.511 ppm Au, 0.257 ppm Au and 0.317 ppm Au. The **BEE South Au-Ag-Sb-Pb-As** anomaly is defined by four adjacent gold soil values ranging from 0.227 to 0.998 ppm Au. The linear nature of the anomaly suggests that this anomaly is reflecting the presence of a subcropping gold-silver vein or shear. The **Big Creek Au-As-Ag-Cu-W-Pb-Zn** anomaly appears to be related to rusty and altered quartz breccia related to pyrrhotite skarn. Gold values of 3.571 ppm and 1.919 ppm Au were returned from two grab samples. The **Far Grid Au-Bi-Cu-W-Ag-As-Sb** anomaly correlates with and extends a Au-As-Cu anomaly first defined by Thor Explorations (Lueck, 1995). The anomaly has a strike length of over 1 km and is immediately adjacent to the intrusive hosted Juno sheeted vein zone on the Clear Creek property drilled by Kennecott in 1995.

The four target areas have somewhat differing geochemical characteristics. The Far Grid gold anomaly, with bismuth, copper and tungsten as well as arsenic and antimony, suggests a proximal environment. This zone is close to the contact with the Rhosgobel Stock and it is also close to the Juno Zone, comprising sheeted vein mineralization within the intrusion. Due to the lack of outcrop, the source of the Far Grid anomaly is not known. The Big Creek anomaly is also proximal, occurring within the Big Creek Stock, however, it is associated at least in part with skarn-type mineralization. It has a similar signature, but is only weakly anomalous in bismuth and it also has anomalous silver. Bee North is intermediate: There are no nearby intrusions, but it does have moderately anomalous bismuth. A short distance away, BEE South has more of a distal signature, with silver and base metals.

RECOMMENDATIONS

Further exploration work is clearly warranted. A Phase 1 program of detailed mapping, prospecting and sampling, including hand trenching, should be carried out over each of the four anomaly areas. The objective of this work would be to identify the source and style of mineralization. The portable XRF is a useful tool for providing immediate feedback on the presence of anomalous gold pathfinder elements.

Given successful results from the Phase 1 program, a Phase 2 drill program would be warranted.

EXPENDITURES

The following table lists expenditures for the entire RC Gold project. Of the total, \$12,259.37 was spent on the BOP claims, while the remaining \$105,139.71 was spent on the adjoining BEE and RC claims located in the Dawson Mining District.

Table 3. Expenditure Summary

| Company | Description | Amount |
|---|-------------------------------|----------------------|
| Fox Exploration Ltd. | Labour, camp, supplies | \$ 75,121.64 |
| JP Exploration Services Inc. | Geological mapping | \$ 4,636.80 |
| G. Carlson - 14 days @ \$800/day | Supervision, mapping | \$ 11,200.00 |
| Reflex Instrument North America Limited | Portable XRF rental | \$ 3,869.78 |
| Thor Geo Science Rentals Ltd. | Mag/VLF rental | \$ 2,054.06 |
| Total North Communications Ltd. | Satellite dish communications | \$ 1,542.19 |
| ALS Canada Ltd. | Geochemical analysis | \$ 18,012.16 |
| Bureau Veritas | Geochemical analysis | \$ 962.45 |
| TOTAL | | \$ 117,399.08 |

CERTIFICATE OF QUALIFICATIONS

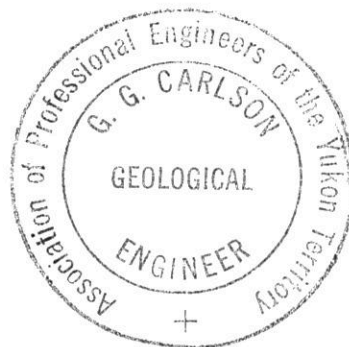
I, Gerald G. Carlson, hereby certify that:

1. I am a consulting mineral exploration geologist and President and CEO of Pacific Ridge Exploration Ltd., 11th Floor – 1111 Melville St., Vancouver, B.C. V6E 3V6.
2. I am a graduate of the University of Toronto, with a degree in Geological Engineering (B.A.Sc., 1969). I attended graduate school at Michigan Technological University (M.Sc., 1974) and Dartmouth College (Ph.D., 1978). I have been involved in geological mapping, mineral exploration and the management of mineral exploration companies continuously since 1969, except between 1972 and 1978 when I was in graduate studies in economic geology.
3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 12513 and of the Association of Professional Engineers of Yukon, Registration No. 0198.
4. I am the author of this assessment report on the BOP claims.
5. The report is based on a literature review, on private company reports and on the 2017 mapping and soil sampling program.
6. I am a Director and Officer of Pacific Ridge Exploration Ltd. and I own shares in the company.
7. I was personally involved in the planning, field work and interpretation of the exploration program discussed in this report.

Dated at Vancouver, B.C. this 3rd day of October 2017,



Gerald G. Carlson, Ph.D., P. Eng.



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APPENDIX I

BOP Claims Claim List

| District | Grant No. | Name | No. | Owner | Expiry | Years | New Expiry |
|----------|-----------|------|-----|---------------------|-------------|-------|-------------|
| Mayo | YD16865 | BOP | 1 | William Mann - 100% | 25-May-2018 | 4 | 25-May-2022 |
| Mayo | YD16866 | BOP | 2 | William Mann - 100% | 25-May-2018 | 4 | 25-May-2022 |
| Mayo | YD16867 | BOP | 3 | William Mann - 100% | 25-May-2018 | 4 | 25-May-2022 |
| Mayo | YD16868 | BOP | 4 | William Mann - 100% | 25-May-2018 | 4 | 25-May-2022 |
| Mayo | YD16869 | BOP | 5 | William Mann - 100% | 25-May-2018 | 4 | 25-May-2022 |
| Mayo | YD16870 | BOP | 6 | William Mann - 100% | 25-May-2018 | 4 | 25-May-2022 |
| Mayo | YD16871 | BOP | 7 | William Mann - 100% | 25-May-2018 | 4 | 25-May-2022 |
| Mayo | YD16872 | BOP | 8 | William Mann - 100% | 25-May-2018 | 4 | 25-May-2022 |

Total 32

APPENDIX II

XRF Soil Analysis Results

APPENDIX III

Laboratory Soil Sample Results Summary

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 422401 | 403100 | 7080600 | 0.003 | 0.1 | 10 | 1 | 1 | 18 | 9 | 51 | 5 |
| 422402 | 403100 | 7080500 | 0.0005 | 0.1 | 11 | 1 | 1 | 15 | 10 | 47 | 5 |
| 422403 | 403100 | 7080400 | 0.003 | 0.1 | 14 | 1 | 1 | 17 | 10 | 54 | 5 |
| 422404 | 403100 | 7080300 | 0.003 | 0.1 | 18 | 1 | 1 | 23 | 11 | 62 | 5 |
| 422405 | 403100 | 7080200 | 0.001 | 0.1 | 16 | 2 | 1 | 31 | 13 | 59 | 5 |
| 422406 | 403100 | 7080100 | 0.007 | 0.1 | 25 | 1 | 1 | 20 | 17 | 61 | 5 |
| 422407 | 403100 | 7080000 | 0.0005 | 0.1 | 28 | 1 | 1 | 20 | 15 | 59 | 5 |
| 422408 | 403100 | 7079900 | 0.002 | 0.1 | 24 | 1 | 1 | 20 | 15 | 59 | 5 |
| 422409 | 403100 | 7079800 | 0.007 | 0.1 | 19 | 1 | 1 | 24 | 20 | 56 | 5 |
| 422410 | 403100 | 7079700 | 0.001 | 0.1 | 28 | 1 | 1 | 54 | 17 | 68 | 5 |
| 422411 | 403100 | 7079600 | 0.002 | 0.1 | 20 | 1 | 1 | 28 | 15 | 66 | 5 |
| 422412 | 403100 | 7079500 | 0.004 | 0.1 | 32 | 1 | 1 | 22 | 13 | 62 | 5 |
| 422413 | 403100 | 7079400 | 0.006 | 0.1 | 19 | 1 | 1 | 21 | 13 | 63 | 5 |
| 422414 | 403100 | 7079300 | 0.002 | 0.1 | 17 | 1 | 1 | 16 | 11 | 53 | 5 |
| 422415 | 403100 | 7079200 | 0.002 | 0.1 | 22 | 1 | 1 | 16 | 13 | 52 | 5 |
| 422416 | 403100 | 7079100 | 0.014 | 0.1 | 57 | 1 | 1 | 19 | 15 | 61 | 5 |
| 422417 | 402700 | 7080600 | 0.003 | 0.1 | 20 | 1 | 1 | 23 | 10 | 55 | 5 |
| 422418 | 402700 | 7080500 | 0.003 | 0.1 | 20 | 1 | 1 | 22 | 12 | 51 | 5 |
| 422419 | 402700 | 7080400 | 0.001 | 0.1 | 49 | 1 | 1 | 43 | 13 | 43 | 5 |
| 422420 | 402700 | 7080300 | 0.013 | 0.1 | 193 | 1 | 1 | 53 | 22 | 92 | 5 |
| 422421 | 402700 | 7080200 | 0.005 | 0.1 | 21 | 1 | 1 | 39 | 15 | 88 | 5 |
| 422422 | 402700 | 7080100 | 0.008 | 0.1 | 19 | 1 | 1 | 38 | 14 | 84 | 5 |
| 422423 | 402700 | 7080000 | 0.006 | 0.1 | 15 | 1 | 1 | 37 | 16 | 79 | 5 |
| 422424 | 402700 | 7079900 | 0.005 | 0.1 | 34 | 1 | 1 | 30 | 14 | 68 | 5 |
| 422425 | 402700 | 7079800 | 0.0005 | 0.1 | 4 | 1 | 1 | 9 | 18 | 19 | 5 |
| 422426 | 402700 | 7079700 | 0.007 | 0.2 | 50 | 1 | 1 | 44 | 33 | 99 | 5 |
| 422427 | 402700 | 7079600 | 0.01 | 0.1 | 20 | 1 | 1 | 24 | 19 | 64 | 5 |
| 422428 | 402700 | 7079500 | 0.005 | 0.1 | 18 | 1 | 1 | 26 | 13 | 63 | 5 |
| 422429 | 402700 | 7079400 | 0.011 | 0.1 | 19 | 1 | 1 | 21 | 28 | 67 | 5 |
| 422430 | 402700 | 7079300 | 0.002 | 0.1 | 14 | 1 | 1 | 16 | 11 | 53 | 5 |
| 422431 | 402700 | 7079200 | 0.004 | 0.1 | 15 | 1 | 1 | 16 | 10 | 51 | 5 |
| 422432 | 402700 | 7079100 | 0.004 | 0.1 | 44 | 1 | 1 | 18 | 16 | 62 | 5 |
| 422433 | 401300 | 7080800 | 0.003 | 0.1 | 30 | 1 | 1 | 17 | 10 | 64 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 422434 | 401300 | 7080900 | 0.009 | 0.8 | 117 | 1 | 1 | 42 | 25 | 96 | 5 |
| 422435 | 401300 | 7081000 | 0.005 | 0.1 | 32 | 1 | 1 | 24 | 14 | 72 | 5 |
| 422436 | 401500 | 7081000 | 0.004 | 0.1 | 34 | 1 | 1 | 27 | 16 | 71 | 5 |
| 422437 | 401500 | 7080900 | 0.002 | 0.1 | 21 | 1 | 1 | 17 | 11 | 54 | 5 |
| 422438 | 401500 | 7080800 | 0.002 | 0.1 | 21 | 1 | 1 | 16 | 10 | 53 | 5 |
| 422439 | 401500 | 7080700 | 0.004 | 0.2 | 45 | 2 | 1 | 16 | 11 | 60 | 10 |
| 422440 | 401100 | 7079100 | 0.008 | 0.1 | 42 | 1 | 1 | 35 | 13 | 83 | 5 |
| 422441 | 401100 | 7079200 | 0.018 | 0.1 | 57 | 1 | 1 | 36 | 13 | 76 | 5 |
| 422442 | 401100 | 7079300 | 0.011 | 0.2 | 41 | 1 | 1 | 36 | 12 | 82 | 5 |
| 422443 | 401100 | 7079400 | 0.005 | 0.1 | 47 | 1 | 1 | 33 | 14 | 70 | 5 |
| 422444 | 400900 | 7079500 | 0.015 | 0.1 | 120 | 1 | 1 | 41 | 14 | 84 | 5 |
| 422445 | 400900 | 7079400 | 0.007 | 0.1 | 43 | 1 | 1 | 40 | 11 | 85 | 5 |
| 422446 | 400900 | 7079300 | 0.013 | 0.1 | 50 | 1 | 1 | 38 | 16 | 90 | 5 |
| 422447 | 400900 | 7079100 | 0.008 | 0.1 | 37 | 1 | 1 | 32 | 12 | 80 | 5 |
| 422448 | 401800 | 7079900 | 0.003 | 0.1 | 23 | 1 | 1 | 42 | 27 | 107 | 5 |
| 422449 | 401800 | 7079950 | 0.017 | 0.1 | 22 | 1 | 1 | 20 | 23 | 78 | 5 |
| 422450 | 401800 | 7080000 | 0.061 | 0.6 | 145 | 1 | 3 | 24 | 47 | 135 | 10 |
| 422451 | 402900 | 7080600 | 0.005 | 0.1 | 12 | 1 | 1 | 11 | 10 | 38 | 5 |
| 422452 | 402900 | 7080500 | 0.005 | 0.1 | 38 | 1 | 1 | 27 | 15 | 74 | 5 |
| 422453 | 402900 | 7080400 | 0.007 | 0.1 | 45 | 1 | 1 | 26 | 13 | 77 | 5 |
| 422454 | 402900 | 7080300 | 0.019 | 0.1 | 43 | 1 | 1 | 30 | 14 | 78 | 5 |
| 422455 | 402900 | 7080200 | 0.004 | 0.1 | 43 | 1 | 1 | 38 | 18 | 86 | 5 |
| 422456 | 402900 | 7080100 | 0.015 | 0.1 | 93 | 1 | 1 | 42 | 18 | 86 | 5 |
| 422457 | 402900 | 7080000 | 0.004 | 0.1 | 30 | 1 | 2 | 39 | 22 | 94 | 5 |
| 422458 | 402900 | 7079900 | 0.01 | 0.1 | 17 | 1 | 1 | 28 | 17 | 54 | 5 |
| 422459 | 402900 | 7079800 | 0.003 | 0.1 | 14 | 1 | 1 | 21 | 14 | 67 | 5 |
| 422460 | 402900 | 7079700 | 0.003 | 0.2 | 29 | 1 | 1 | 28 | 24 | 63 | 5 |
| 422461 | 402900 | 7079600 | 0.0005 | 0.3 | 26 | 1 | 1 | 13 | 12 | 39 | 5 |
| 422462 | 402900 | 7079500 | 0.0005 | 0.2 | 29 | 1 | 1 | 17 | 15 | 58 | 5 |
| 422463 | 402900 | 7079400 | 0.002 | 0.2 | 25 | 1 | 1 | 15 | 12 | 56 | 5 |
| 422464 | 402900 | 7079300 | 0.012 | 0.1 | 53 | 1 | 1 | 21 | 14 | 55 | 5 |
| 422465 | 402900 | 7079200 | 0.003 | 0.4 | 31 | 1 | 1 | 14 | 53 | 40 | 5 |
| 422466 | 402900 | 7079100 | 0.002 | 0.2 | 28 | 1 | 1 | 14 | 13 | 47 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 422467 | 402500 | 7080600 | 0.006 | 0.3 | 48 | 1 | 2 | 36 | 28 | 88 | 5 |
| 422468 | 402500 | 7080500 | 0.004 | 0.4 | 51 | 1 | 1 | 36 | 31 | 90 | 5 |
| 422469 | 402500 | 7080400 | 0.02 | 1.1 | 391 | 2 | 1 | 45 | 37 | 99 | 5 |
| 422470 | 402500 | 7080300 | 0.008 | 0.2 | 64 | 1 | 1 | 41 | 19 | 88 | 5 |
| 422471 | 402500 | 7080200 | 0.013 | 0.2 | 34 | 1 | 1 | 38 | 14 | 62 | 5 |
| 422472 | 402500 | 7080100 | 0.007 | 0.1 | 109 | 1 | 1 | 84 | 27 | 93 | 5 |
| 422473 | 402500 | 7080000 | 0.017 | 0.1 | 20 | 1 | 1 | 41 | 12 | 80 | 5 |
| 422474 | 402500 | 7079900 | 0.008 | 0.3 | 21 | 1 | 1 | 49 | 19 | 86 | 5 |
| 422475 | 402500 | 7079800 | 0.016 | 0.2 | 37 | 1 | 2 | 49 | 22 | 96 | 5 |
| 422476 | 402500 | 7079700 | 0.006 | 0.2 | 8 | 1 | 1 | 19 | 10 | 43 | 5 |
| 422477 | 402500 | 7079600 | 0.003 | 0.4 | 9 | 1 | 1 | 14 | 8 | 29 | 5 |
| 422479 | 402500 | 7079500 | 0.006 | 0.3 | 15 | 1 | 2 | 17 | 11 | 47 | 5 |
| 422480 | 402500 | 7079400 | 0.005 | 0.2 | 23 | 1 | 1 | 21 | 14 | 63 | 5 |
| 422481 | 402500 | 7079300 | 0.002 | 0.2 | 16 | 1 | 1 | 17 | 14 | 53 | 5 |
| 422482 | 402500 | 7079200 | 0.002 | 0.2 | 20 | 1 | 1 | 15 | 14 | 56 | 5 |
| 422483 | 402500 | 7079100 | 0.015 | 0.1 | 62 | 1 | 1 | 21 | 13 | 62 | 5 |
| 422484 | 399380 | 7077729 | 0.017 | 0.3 | 55 | 2 | 1 | 37 | 21 | 91 | 10 |
| 422485 | 399426 | 7077730 | 0.013 | 0.2 | 77 | 2 | 3 | 34 | 38 | 79 | 5 |
| 422486 | 399467 | 7077777 | 0.007 | 0.2 | 53 | 1 | 2 | 26 | 46 | 63 | 10 |
| 422487 | 399492 | 7077824 | 0.132 | 1.3 | 1145 | 1 | 9 | 192 | 45 | 206 | 150 |
| 422488 | 399550 | 7077863 | 0.005 | 0.1 | 22 | 1 | 2 | 34 | 25 | 92 | 5 |
| 422489 | 399595 | 7077863 | 0.003 | 0.1 | 15 | 1 | 1 | 28 | 13 | 74 | 5 |
| 422490 | 402100 | 7080600 | 0.003 | 0.1 | 16 | 1 | 1 | 10 | 16 | 56 | 5 |
| 422491 | 402100 | 7080500 | 0.008 | 0.8 | 54 | 1 | 1 | 33 | 108 | 161 | 5 |
| 422492 | 402100 | 7080400 | 0.006 | 0.4 | 35 | 1 | 1 | 25 | 55 | 96 | 5 |
| 422493 | 402100 | 7080300 | 0.016 | 0.6 | 132 | 1 | 1 | 51 | 84 | 121 | 10 |
| 422494 | 402100 | 7080200 | 0.006 | 0.6 | 39 | 1 | 1 | 46 | 57 | 116 | 5 |
| 422495 | 402100 | 7080100 | 0.018 | 0.7 | 39 | 1 | 1 | 58 | 119 | 144 | 5 |
| 422496 | 402100 | 7080000 | 0.011 | 0.6 | 76 | 2 | 1 | 38 | 71 | 143 | 5 |
| 422497 | 402100 | 7079900 | 0.015 | 0.7 | 74 | 1 | 1 | 60 | 61 | 121 | 5 |
| 422498 | 402100 | 7079800 | 0.025 | 0.1 | 16 | 1 | 1 | 25 | 12 | 66 | 5 |
| 422499 | 402100 | 7079700 | 0.02 | 0.1 | 16 | 1 | 1 | 25 | 15 | 77 | 5 |
| 422500 | 402100 | 7079600 | 0.012 | 0.2 | 14 | 1 | 1 | 33 | 20 | 79 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 422501 | 402100 | 7079500 | 0.013 | 0.2 | 19 | 1 | 1 | 29 | 37 | 135 | 5 |
| 422502 | 402100 | 7079400 | 0.013 | 0.2 | 17 | 1 | 1 | 30 | 19 | 88 | 5 |
| 422503 | 402100 | 7079300 | 0.008 | 0.2 | 15 | 1 | 1 | 27 | 14 | 96 | 5 |
| 422504 | 402100 | 7079200 | 0.008 | 0.2 | 18 | 1 | 1 | 16 | 13 | 57 | 5 |
| 422505 | 402100 | 7079100 | 0.008 | 0.2 | 19 | 1 | 1 | 16 | 11 | 55 | 5 |
| 422506 | 401700 | 7079100 | 0.046 | 0.1 | 22 | 1 | 1 | 37 | 13 | 88 | 5 |
| 422507 | 401700 | 7079200 | 0.012 | 0.1 | 15 | 2 | 1 | 22 | 11 | 76 | 5 |
| 422508 | 401700 | 7079300 | 0.011 | 0.1 | 18 | 1 | 1 | 22 | 11 | 85 | 5 |
| 422509 | 401700 | 7079400 | 0.005 | 0.1 | 13 | 1 | 1 | 19 | 9 | 67 | 5 |
| 422510 | 401700 | 7079500 | 0.005 | 0.2 | 41 | 1 | 1 | 20 | 14 | 77 | 5 |
| 422511 | 401700 | 7079600 | 0.018 | 0.1 | 18 | 1 | 1 | 23 | 10 | 73 | 5 |
| 422512 | 401700 | 7079700 | 0.0005 | 0.2 | 24 | 1 | 2 | 18 | 18 | 95 | 5 |
| 422513 | 401500 | 7079400 | 0.01 | 0.1 | 13 | 1 | 1 | 13 | 11 | 78 | 5 |
| 422514 | 401500 | 7079300 | 0.04 | 0.5 | 48 | 1 | 2 | 29 | 39 | 105 | 10 |
| 422515 | 401500 | 7079200 | 0.007 | 0.7 | 87 | 1 | 1 | 21 | 15 | 89 | 5 |
| 422516 | 401500 | 7079100 | 0.002 | 0.5 | 88 | 1 | 2 | 34 | 17 | 90 | 5 |
| 422517 | 401700 | 7079800 | 0.0005 | 0.2 | 5 | 1 | 1 | 16 | 10 | 26 | 5 |
| 422518 | 401700 | 7079900 | 0.047 | 0.2 | 62 | 1 | 2 | 22 | 17 | 98 | 20 |
| 422519 | 401700 | 7080000 | 0.273 | 1 | 232 | 2 | 3 | 35 | 45 | 176 | 10 |
| 422520 | 401700 | 7080100 | 0.16 | 0.4 | 131 | 1 | 4 | 17 | 29 | 109 | 10 |
| 422521 | 401700 | 7080200 | 0.086 | 0.4 | 129 | 1 | 3 | 12 | 24 | 94 | 30 |
| 422522 | 401700 | 7080300 | 0.009 | 0.1 | 15 | 1 | 2 | 23 | 8 | 46 | 5 |
| 422523 | 401700 | 7080400 | 0.02 | 0.1 | 93 | 1 | 1 | 19 | 13 | 82 | 10 |
| 422524 | 401500 | 7079500 | 0.011 | 0.2 | 41 | 1 | 2 | 14 | 16 | 80 | 5 |
| 422525 | 401500 | 7079700 | 0.0005 | 0.1 | 6 | 1 | 1 | 20 | 10 | 43 | 5 |
| 422526 | 401500 | 7079800 | 0.027 | 0.4 | 290 | 1 | 1 | 19 | 24 | 91 | 20 |
| 422527 | 401500 | 7079900 | 0.059 | 0.4 | 415 | 1 | 1 | 25 | 25 | 100 | 5 |
| 422528 | 401500 | 7080000 | 0.033 | 0.3 | 66 | 1 | 1 | 18 | 13 | 88 | 30 |
| 422529 | 401500 | 7080100 | 0.064 | 0.2 | 150 | 1 | 2 | 17 | 15 | 95 | 20 |
| 422530 | 401500 | 7080200 | 0.044 | 0.3 | 151 | 1 | 1 | 17 | 15 | 108 | 30 |
| 422531 | 401500 | 7080300 | 0.023 | 0.4 | 94 | 1 | 1 | 22 | 92 | 113 | 20 |
| 422532 | 401500 | 7080400 | 0.007 | 0.2 | 53 | 1 | 1 | 21 | 14 | 81 | 5 |
| 422533 | 401500 | 7080600 | 0.006 | 0.3 | 67 | 1 | 1 | 17 | 11 | 55 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 422534 | 401700 | 7080600 | 0.01 | 0.4 | 45 | 1 | 2 | 9 | 10 | 51 | 5 |
| 422535 | 401700 | 7080500 | 0.005 | 0.4 | 56 | 1 | 1 | 15 | 9 | 54 | 5 |
| 422536 | 401600 | 7079700 | NSS | 0.1 | 7 | 1 | 1 | 14 | 9 | 32 | 5 |
| 422537 | 401600 | 7079750 | 0.007 | 0.1 | 5 | 1 | 1 | 13 | 7 | 27 | 5 |
| 422538 | 401600 | 7079800 | 0.0005 | 0.2 | 10 | 2 | 1 | 18 | 12 | 36 | 10 |
| 422539 | 401600 | 7079850 | 0.014 | 0.3 | 66 | 1 | 1 | 19 | 25 | 66 | 5 |
| 422540 | 401600 | 7079900 | 0.033 | 0.2 | 269 | 1 | 2 | 26 | 20 | 94 | 10 |
| 422541 | 401600 | 7079950 | NSS | 0.1 | 14 | 1 | 1 | 12 | 8 | 32 | 5 |
| 422542 | 401600 | 7080000 | 0.079 | 1.1 | 160 | 1 | 1 | 19 | 25 | 96 | 30 |
| 422543 | 400700 | 7081500 | 0.004 | 0.5 | 33 | 1 | 1 | 51 | 26 | 76 | 5 |
| 422544 | 400700 | 7081400 | 0.014 | 0.7 | 101 | 1 | 1 | 42 | 37 | 88 | 5 |
| 422545 | 400700 | 7081300 | 0.001 | 0.2 | 29 | 1 | 1 | 38 | 20 | 63 | 5 |
| 422546 | 400700 | 7081200 | 0.013 | 3.9 | 87 | 2 | 1 | 39 | 43 | 118 | 5 |
| 422547 | 400700 | 7081100 | 0.009 | 0.5 | 96 | 1 | 1 | 51 | 23 | 161 | 5 |
| 422548 | 400700 | 7081000 | NSS | 0.2 | 13 | 1 | 2 | 21 | 23 | 68 | 5 |
| 422549 | 400700 | 7080900 | 0.003 | 0.1 | 55 | 1 | 1 | 22 | 9 | 70 | 5 |
| 422550 | 400700 | 7080800 | 0.024 | 0.2 | 177 | 1 | 2 | 28 | 15 | 87 | 5 |
| 422551 | 402300 | 7080600 | 0.007 | 0.3 | 65 | 1 | 1 | 24 | 19 | 70 | 5 |
| 422552 | 402300 | 7080400 | 0.046 | 2.4 | 123 | 1 | 3 | 57 | 32 | 113 | 5 |
| 422553 | 402300 | 7080300 | 0.101 | 1.1 | 55 | 1 | 2 | 77 | 22 | 93 | 10 |
| 422554 | 402300 | 7080200 | 0.008 | 3.7 | 54 | 1 | 1 | 49 | 74 | 120 | 5 |
| 422555 | 402300 | 7080100 | 0.011 | 3.8 | 47 | 1 | 1 | 97 | 77 | 196 | 5 |
| 422556 | 402300 | 7080000 | 0.011 | 0.3 | 31 | 1 | 1 | 41 | 35 | 92 | 5 |
| 422557 | 402300 | 7079900 | 0.01 | 0.2 | 42 | 1 | 1 | 39 | 24 | 87 | 5 |
| 422558 | 402300 | 7079800 | 0.006 | 0.1 | 18 | 1 | 1 | 18 | 19 | 66 | 5 |
| 422559 | 402300 | 7079700 | 0.003 | 0.1 | 14 | 1 | 1 | 17 | 14 | 50 | 5 |
| 422560 | 402300 | 7079600 | 0.017 | 0.2 | 24 | 1 | 1 | 36 | 21 | 85 | 5 |
| 422561 | 402300 | 7079500 | 0.009 | 0.3 | 16 | 1 | 1 | 26 | 14 | 64 | 5 |
| 422562 | 402300 | 7079400 | 0.007 | 0.3 | 27 | 1 | 1 | 41 | 19 | 92 | 5 |
| 422563 | 402300 | 7079300 | 0.004 | 0.1 | 21 | 1 | 1 | 22 | 15 | 65 | 5 |
| 422564 | 402300 | 7079200 | 0.005 | 0.1 | 15 | 1 | 1 | 20 | 23 | 58 | 5 |
| 422565 | 402300 | 7079100 | 0.009 | 0.1 | 14 | 1 | 1 | 29 | 12 | 52 | 5 |
| 422566 | 401900 | 7079100 | 0.002 | 0.4 | 26 | 1 | 1 | 25 | 12 | 107 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 422567 | 401900 | 7079200 | 0.003 | 0.1 | 20 | 1 | 1 | 17 | 14 | 59 | 5 |
| 422568 | 401900 | 7079300 | 0.014 | 0.2 | 15 | 1 | 1 | 19 | 12 | 60 | 5 |
| 422569 | 401900 | 7079400 | 0.01 | 0.2 | 17 | 1 | 1 | 23 | 14 | 79 | 5 |
| 422570 | 401900 | 7079500 | 0.011 | 0.1 | 22 | 2 | 1 | 26 | 17 | 118 | 5 |
| 422571 | 401900 | 7079600 | 0.015 | 0.1 | 18 | 1 | 1 | 20 | 14 | 69 | 5 |
| 422572 | 401900 | 7079700 | 0.012 | 0.1 | 27 | 1 | 1 | 18 | 9 | 69 | 5 |
| 422573 | 401900 | 7079800 | 0.02 | 0.3 | 69 | 1 | 1 | 34 | 19 | 103 | 5 |
| 422574 | 401900 | 7079900 | 0.0005 | 0.2 | 30 | 1 | 1 | 24 | 16 | 83 | 5 |
| 422575 | 401900 | 7080000 | 0.016 | 1.6 | 164 | 8 | 1 | 51 | 37 | 115 | 5 |
| 422576 | 401900 | 7080100 | 0.011 | 0.2 | 32 | 1 | 1 | 31 | 40 | 80 | 5 |
| 422577 | 401900 | 7080200 | 0.002 | 0.2 | 40 | 2 | 1 | 33 | 38 | 85 | 5 |
| 422578 | 401900 | 7080300 | 0.008 | 0.4 | 45 | 1 | 1 | 34 | 23 | 84 | 5 |
| 422579 | 401900 | 7080400 | 0.02 | 0.3 | 64 | 1 | 1 | 25 | 21 | 76 | 5 |
| 422580 | 401900 | 7080500 | 0.0005 | 0.1 | 13 | 1 | 1 | 12 | 11 | 55 | 5 |
| 422581 | 401900 | 7080600 | 0.007 | 0.4 | 63 | 1 | 1 | 24 | 15 | 79 | 5 |
| 422582 | 401900 | 7080700 | 0.002 | 0.2 | 28 | 2 | 2 | 16 | 8 | 52 | 5 |
| 422583 | 401300 | 7079100 | 0.015 | 0.4 | 72 | 1 | 2 | 44 | 33 | 140 | 10 |
| 422584 | 401300 | 7079200 | 0.008 | 0.3 | 59 | 1 | 1 | 41 | 17 | 114 | 5 |
| 422585 | 401300 | 7079300 | 0.014 | 0.3 | 131 | 1 | 1 | 59 | 19 | 95 | 10 |
| 422586 | 401300 | 7079400 | 0.028 | 0.1 | 17 | 1 | 1 | 32 | 11 | 75 | 5 |
| 422587 | 401300 | 7079500 | 0.004 | 0.2 | 76 | 2 | 1 | 52 | 27 | 95 | 5 |
| 422588 | 401300 | 7079600 | 0.0005 | 0.1 | 15 | 1 | 1 | 16 | 9 | 33 | 5 |
| 422589 | 401300 | 7079800 | 0.018 | 0.2 | 82 | 1 | 1 | 28 | 12 | 91 | 5 |
| 422590 | 401300 | 7079900 | 0.012 | 0.1 | 52 | 1 | 1 | 24 | 12 | 97 | 5 |
| 422591 | 401300 | 7080000 | 0.013 | 0.2 | 55 | 1 | 1 | 23 | 16 | 67 | 10 |
| 422592 | 401300 | 7080200 | 0.008 | 0.2 | 107 | 1 | 1 | 27 | 19 | 92 | 5 |
| 422593 | 401300 | 7080300 | 0.006 | 0.1 | 67 | 1 | 1 | 26 | 16 | 85 | 5 |
| 422594 | 401300 | 7080400 | 0.007 | 0.2 | 86 | 1 | 1 | 21 | 9 | 58 | 10 |
| 422595 | 401300 | 7080500 | 0.013 | 0.2 | 110 | 1 | 1 | 12 | 8 | 50 | 5 |
| 422596 | 401300 | 7080600 | 0.007 | 0.3 | 110 | 1 | 2 | 26 | 12 | 64 | 5 |
| 422597 | 400700 | 7079100 | 0.005 | 0.1 | 29 | 1 | 1 | 17 | 15 | 63 | 5 |
| 422598 | 400700 | 7079200 | 0.013 | 0.2 | 51 | 1 | 1 | 36 | 17 | 90 | 5 |
| 422599 | 400700 | 7079300 | 0.008 | 0.2 | 50 | 1 | 1 | 35 | 12 | 58 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 422600 | 400700 | 7079400 | 0.011 | 0.3 | 133 | 1 | 1 | 37 | 20 | 82 | 5 |
| 422601 | 400700 | 7079500 | 0.001 | 0.1 | 17 | 1 | 1 | 36 | 17 | 67 | 5 |
| 422602 | 400700 | 7079600 | 0.005 | 0.1 | 25 | 1 | 1 | 23 | 10 | 52 | 5 |
| 422603 | 400700 | 7079700 | 0.025 | 0.1 | 34 | 1 | 1 | 24 | 18 | 63 | 5 |
| 422604 | 400500 | 7079900 | 0.002 | 0.1 | 8 | 1 | 1 | 44 | 9 | 65 | 5 |
| 422605 | 400500 | 7079800 | 0.005 | 0.1 | 26 | 1 | 1 | 48 | 14 | 93 | 5 |
| 422606 | 400500 | 7079700 | 0.01 | 0.2 | 40 | 1 | 3 | 38 | 19 | 74 | 5 |
| 422607 | 400500 | 7079600 | 0.03 | 0.2 | 50 | 1 | 2 | 73 | 21 | 110 | 5 |
| 422608 | 400500 | 7079500 | 0.031 | 0.2 | 35 | 1 | 1 | 54 | 15 | 75 | 5 |
| 422609 | 400500 | 7079400 | 0.019 | 0.3 | 51 | 1 | 1 | 38 | 13 | 80 | 5 |
| 422610 | 400500 | 7079300 | 0.028 | 0.8 | 70 | 3 | 1 | 40 | 47 | 298 | 5 |
| 422611 | 400500 | 7079200 | 0.014 | 0.2 | 23 | 1 | 1 | 35 | 13 | 75 | 5 |
| 422612 | 400500 | 7079100 | 0.015 | 0.3 | 26 | 1 | 1 | 31 | 16 | 84 | 5 |
| 422613 | 401400 | 7080000 | 0.013 | 0.1 | 68 | 1 | 1 | 18 | 12 | 74 | 10 |
| 422614 | 401400 | 7079950 | 0.009 | 0.1 | 109 | 1 | 2 | 15 | 12 | 63 | 20 |
| 422615 | 401400 | 7079900 | 0.007 | 0.1 | 63 | 1 | 1 | 17 | 13 | 77 | 10 |
| 422616 | 401400 | 7079850 | 0.025 | 0.3 | 171 | 1 | 2 | 19 | 18 | 84 | 20 |
| 422617 | 401400 | 7079800 | 0.014 | 6.2 | 230 | 2 | 1 | 19 | 128 | 153 | 5 |
| 422618 | 401400 | 7079750 | 0.016 | 0.4 | 226 | 1 | 2 | 33 | 26 | 118 | 5 |
| 422619 | 401400 | 7079700 | 0.017 | 0.5 | 113 | 1 | 1 | 27 | 44 | 123 | 5 |
| 422620 | 401100 | 7079500 | 0.022 | 0.7 | 470 | 1 | 1 | 108 | 88 | 202 | 5 |
| 422621 | 401100 | 7079600 | 0.0005 | 0.2 | 28 | 1 | 1 | 30 | 13 | 46 | 5 |
| 422622 | 401100 | 7079700 | 0.0005 | 0.1 | 10 | 1 | 1 | 18 | 9 | 35 | 5 |
| 422623 | 401100 | 7079800 | 0.01 | 0.1 | 51 | 1 | 2 | 29 | 14 | 72 | 5 |
| 422624 | 401100 | 7079900 | 0.011 | 0.1 | 19 | 1 | 1 | 28 | 9 | 73 | 5 |
| 422625 | 401100 | 7080100 | 0.005 | 0.1 | 37 | 1 | 1 | 26 | 19 | 71 | 5 |
| 422626 | 400900 | 7079700 | 0.009 | 0.2 | 33 | 1 | 1 | 58 | 18 | 107 | 5 |
| 422627 | 400900 | 7079800 | 0.019 | 0.1 | 99 | 1 | 1 | 37 | 18 | 86 | 5 |
| 422628 | 400900 | 7079900 | 0.022 | 0.1 | 50 | 1 | 1 | 38 | 15 | 84 | 5 |
| 422629 | 400900 | 7080000 | 0.018 | 0.1 | 82 | 1 | 2 | 42 | 11 | 78 | 5 |
| 422630 | 400900 | 7080300 | 0.008 | 0.2 | 33 | 1 | 1 | 35 | 13 | 66 | 5 |
| 422631 | 400900 | 7080400 | 0.013 | 0.1 | 186 | 2 | 1 | 23 | 15 | 71 | 10 |
| 422632 | 400900 | 7080500 | 0.007 | 0.1 | 101 | 2 | 1 | 16 | 12 | 63 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 422633 | 400900 | 7080600 | 0.011 | 0.2 | 197 | 1 | 1 | 32 | 14 | 85 | 5 |
| 422634 | 400900 | 7080700 | 0.012 | 1.7 | 160 | 2 | 1 | 22 | 13 | 42 | 5 |
| 422635 | 400900 | 7080800 | 0.015 | 0.2 | 211 | 1 | 1 | 61 | 15 | 95 | 5 |
| 422636 | 400900 | 7080900 | 0.005 | 0.1 | 43 | 1 | 1 | 19 | 10 | 70 | 5 |
| 422637 | 400900 | 7081000 | 0.032 | 0.2 | 256 | 1 | 1 | 83 | 15 | 90 | 5 |
| 422638 | 401100 | 7080700 | 0.004 | 0.1 | 73 | 1 | 1 | 23 | 11 | 64 | 5 |
| 422639 | 401100 | 7080600 | 0.002 | 0.1 | 56 | 2 | 1 | 19 | 14 | 52 | 5 |
| 422640 | 401100 | 7080500 | 0.01 | 0.1 | 281 | 1 | 1 | 27 | 15 | 76 | 5 |
| 422641 | 401100 | 7080200 | 0.004 | 0.1 | 21 | 1 | 1 | 21 | 9 | 61 | 5 |
| 422642 | 400700 | 7080000 | 0.002 | 0.1 | 31 | 1 | 1 | 29 | 10 | 71 | 5 |
| 422643 | 400700 | 7079800 | 0.003 | 0.1 | 53 | 1 | 1 | 33 | 17 | 75 | 5 |
| 422644 | 400600 | 7080600 | 0.044 | 0.4 | 676 | 1 | 2 | 27 | 24 | 96 | 10 |
| 422645 | 400600 | 7080650 | 0.026 | 0.3 | 497 | 1 | 1 | 24 | 18 | 85 | 10 |
| 422646 | 400600 | 7080750 | 0.026 | 0.1 | 101 | 1 | 1 | 16 | 11 | 53 | 5 |
| 422647 | 400600 | 7080800 | 0.001 | 0.1 | 22 | 3 | 1 | 19 | 9 | 73 | 5 |
| 422648 | 400600 | 7080850 | 0.011 | 0.1 | 112 | 2 | 1 | 25 | 9 | 76 | 5 |
| 422649 | 400400 | 7080850 | 0.015 | 0.1 | 109 | 4 | 1 | 18 | 15 | 83 | 5 |
| 422650 | 401100 | 7081000 | 0.012 | 0.1 | 41 | 1 | 1 | 46 | 11 | 75 | 5 |
| 422651 | 401800 | 7080050 | 0.086 | 0.3 | 215 | 1 | 2 | 41 | 23 | 100 | 20 |
| 422652 | 401800 | 7080100 | 0.068 | 0.3 | 156 | 1 | 3 | 21 | 40 | 115 | 5 |
| 422653 | 400200 | 7080850 | 0.076 | 0.7 | 531 | 1 | 4 | 34 | 28 | 92 | 30 |
| 422654 | 400200 | 7080800 | 0.025 | 9.3 | 235 | 1 | 2 | 38 | 245 | 440 | 10 |
| 422655 | 400200 | 7080750 | 0.054 | 0.4 | 538 | 1 | 5 | 51 | 16 | 147 | 20 |
| 422656 | 400200 | 7080700 | 0.039 | 0.3 | 530 | 1 | 2 | 54 | 18 | 111 | 10 |
| 422657 | 400200 | 7080650 | 0.006 | 0.3 | 186 | 3 | 1 | 65 | 26 | 111 | 5 |
| 422658 | 400200 | 7080600 | 0.011 | 0.2 | 144 | 3 | 1 | 51 | 22 | 137 | 5 |
| 422659 | 400200 | 7080550 | 0.009 | 0.2 | 103 | 2 | 1 | 72 | 14 | 107 | 5 |
| 422660 | 399900 | 7081300 | 0.005 | 0.1 | 63 | 1 | 1 | 18 | 21 | 71 | 10 |
| 422661 | 399900 | 7081200 | 0.01 | 0.2 | 76 | 1 | 1 | 26 | 17 | 83 | 10 |
| 422662 | 399900 | 7081100 | 0.012 | 0.3 | 124 | 1 | 1 | 27 | 18 | 93 | 10 |
| 422663 | 399900 | 7081000 | 0.017 | 0.3 | 245 | 1 | 1 | 30 | 19 | 82 | 10 |
| 422664 | 399900 | 7080800 | 0.028 | 0.6 | 463 | 1 | 3 | 40 | 19 | 80 | 20 |
| 422665 | 399900 | 7080700 | 0.009 | 0.6 | 82 | 1 | 1 | 38 | 24 | 104 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 422666 | 399900 | 7080600 | 0.015 | 0.7 | 57 | 1 | 1 | 29 | 32 | 77 | 5 |
| 422667 | 399900 | 7080500 | 0.041 | 0.8 | 64 | 1 | 2 | 61 | 21 | 101 | 5 |
| 422668 | 399900 | 7080400 | 0.025 | 0.5 | 98 | 1 | 1 | 46 | 16 | 84 | 5 |
| 422669 | 399900 | 7080300 | 0.041 | 0.2 | 362 | 1 | 2 | 55 | 15 | 99 | 5 |
| 422670 | 399900 | 7080200 | 0.048 | 0.8 | 69 | 1 | 2 | 56 | 25 | 82 | 10 |
| 422671 | 399900 | 7080100 | 0.491 | 0.8 | 72 | 1 | 7 | 107 | 18 | 86 | 20 |
| 422672 | 399900 | 7080000 | 0.073 | 0.2 | 21 | 1 | 3 | 38 | 11 | 66 | 5 |
| 422673 | 400100 | 7080000 | 0.009 | 0.6 | 100 | 1 | 1 | 53 | 24 | 89 | 5 |
| 422674 | 400100 | 7080100 | 0.007 | 0.4 | 104 | 1 | 1 | 50 | 25 | 89 | 5 |
| 422675 | 400100 | 7080200 | 0.005 | 0.5 | 52 | 1 | 1 | 53 | 24 | 87 | 5 |
| 422676 | 400100 | 7080300 | 0.011 | 0.5 | 38 | 1 | 1 | 43 | 17 | 82 | 5 |
| 422677 | 400100 | 7080400 | 0.052 | 0.4 | 129 | 1 | 1 | 47 | 17 | 79 | 5 |
| 422678 | 399400 | 7082050 | 0.011 | 0.6 | 85 | 1 | 1 | 20 | 32 | 70 | 5 |
| 422679 | 399400 | 7082000 | 0.013 | 2.2 | 136 | 5 | 1 | 35 | 36 | 82 | 5 |
| 422680 | 399400 | 7081950 | 0.018 | 0.7 | 23 | 2 | 1 | 35 | 38 | 81 | 5 |
| 422681 | 399400 | 7081900 | 0.025 | 0.3 | 23 | 2 | 1 | 27 | 26 | 69 | 5 |
| 422682 | 399400 | 7081850 | 0.003 | 1.5 | 53 | 2 | 1 | 21 | 58 | 70 | 5 |
| 422683 | 399400 | 7081800 | 0.048 | 0.8 | 39 | 1 | 3 | 35 | 24 | 70 | 10 |
| 422684 | 399400 | 7081750 | 0.004 | 0.2 | 21 | 1 | 1 | 20 | 18 | 70 | 5 |
| 422685 | 399400 | 7081700 | 0.021 | 0.4 | 21 | 1 | 3 | 25 | 22 | 53 | 5 |
| 422686 | 399300 | 7081700 | 0.006 | 1.5 | 25 | 1 | 1 | 26 | 15 | 45 | 5 |
| 422687 | 399300 | 7081800 | 0.006 | 0.7 | 58 | 1 | 1 | 24 | 30 | 63 | 5 |
| 422688 | 399300 | 7081850 | 0.004 | 2.1 | 42 | 3 | 1 | 24 | 49 | 66 | 5 |
| 422689 | 399300 | 7081900 | 0.001 | 2.3 | 49 | 5 | 1 | 35 | 110 | 110 | 5 |
| 422690 | 399300 | 7081950 | 0.047 | 3.1 | 376 | 12 | 1 | 36 | 160 | 108 | 5 |
| 422727 | 401811 | 7081919 | 0.004 | 0.2 | 23 | 1 | 1 | 32 | 15 | 66 | 5 |
| 422728 | 401878 | 7081893 | 0.007 | 0.2 | 35 | 1 | 1 | 35 | 18 | 80 | 5 |
| 424751 | 400700 | 7080700 | 0.156 | 0.5 | 1055 | 1 | 8 | 38 | 18 | 92 | 30 |
| 424752 | 400700 | 7080600 | 0.04 | 0.1 | 338 | 1 | 2 | 24 | 15 | 73 | 20 |
| 424754 | 400700 | 7080400 | 0.009 | 0.4 | 163 | 1 | 1 | 22 | 12 | 47 | 5 |
| 424755 | 400700 | 7080300 | 0.016 | 0.1 | 69 | 1 | 1 | 34 | 12 | 67 | 5 |
| 424756 | 400700 | 7080200 | 0.01 | 0.1 | 24 | 1 | 2 | 54 | 11 | 67 | 5 |
| 424757 | 400700 | 7080100 | 0.031 | 0.4 | 64 | 1 | 2 | 80 | 18 | 85 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 424758 | 400700 | 7079900 | 0.002 | 0.1 | 24 | 1 | 1 | 30 | 14 | 64 | 5 |
| 424759 | 400800 | 7080550 | 0.034 | 0.6 | 179 | 1 | 2 | 30 | 14 | 88 | 5 |
| 424760 | 400800 | 7080600 | 0.042 | 0.1 | 73 | 1 | 8 | 22 | 12 | 69 | 10 |
| 424761 | 400800 | 7080650 | 0.059 | 0.5 | 165 | 1 | 3 | 26 | 14 | 79 | 5 |
| 424762 | 400800 | 7080700 | 0.017 | 0.1 | 197 | 1 | 1 | 40 | 18 | 96 | 5 |
| 424763 | 400800 | 7080750 | 0.007 | 0.9 | 88 | 1 | 1 | 25 | 13 | 45 | 5 |
| 424764 | 400800 | 7080800 | 0.015 | 0.5 | 209 | 1 | 1 | 41 | 22 | 92 | 5 |
| 424765 | 400800 | 7080850 | 0.015 | 0.8 | 146 | 1 | 1 | 39 | 32 | 92 | 5 |
| 424766 | 400400 | 7080550 | 0.03 | 0.1 | 156 | 1 | 1 | 79 | 15 | 94 | 5 |
| 424767 | 400300 | 7080000 | 0.001 | 0.2 | 18 | 1 | 1 | 21 | 11 | 45 | 5 |
| 424768 | 400300 | 7080100 | 0.002 | 0.2 | 12 | 1 | 1 | 32 | 16 | 49 | 5 |
| 424769 | 400300 | 7080200 | 0.007 | 0.3 | 20 | 1 | 2 | 40 | 11 | 53 | 5 |
| 424770 | 400300 | 7080300 | 0.082 | 0.3 | 140 | 1 | 1 | 76 | 19 | 69 | 5 |
| 424771 | 400300 | 7080400 | 0.024 | 0.4 | 187 | 1 | 1 | 29 | 19 | 96 | 5 |
| 424772 | 400300 | 7080500 | 0.022 | 0.3 | 74 | 1 | 1 | 63 | 12 | 84 | 5 |
| 424773 | 400300 | 7080600 | 0.011 | 0.4 | 183 | 1 | 1 | 92 | 15 | 89 | 5 |
| 424774 | 400300 | 7080700 | 0.018 | 0.7 | 765 | 1 | 2 | 78 | 23 | 104 | 10 |
| 424775 | 400300 | 7080800 | 0.008 | 0.5 | 466 | 1 | 1 | 37 | 19 | 68 | 5 |
| 424776 | 400300 | 7080900 | 0.031 | 0.6 | 357 | 1 | 3 | 55 | 22 | 97 | 10 |
| 424777 | 400300 | 7081000 | 0.001 | 0.1 | 14 | 1 | 1 | 15 | 8 | 29 | 5 |
| 424778 | 400300 | 7081100 | 0.012 | 2.1 | 110 | 1 | 2 | 42 | 77 | 133 | 10 |
| 424779 | 400300 | 7081200 | 0.013 | 0.3 | 96 | 1 | 1 | 23 | 22 | 104 | 5 |
| 424780 | 400300 | 7081300 | 0.016 | 0.9 | 160 | 1 | 1 | 30 | 64 | 170 | 10 |
| 424781 | 400300 | 7081400 | 0.013 | 1.5 | 59 | 1 | 1 | 38 | 50 | 109 | 5 |
| 424782 | 400300 | 7081500 | 0.005 | 0.3 | 31 | 1 | 1 | 24 | 19 | 51 | 5 |
| 424783 | 400100 | 7081500 | 0.002 | 0.1 | 21 | 1 | 1 | 19 | 11 | 91 | 5 |
| 424784 | 400100 | 7081400 | 0.001 | 0.1 | 21 | 1 | 1 | 15 | 13 | 68 | 5 |
| 424785 | 400100 | 7081300 | 0.011 | 0.4 | 41 | 1 | 1 | 28 | 21 | 88 | 5 |
| 424786 | 399500 | 7082300 | 0.717 | 2.8 | 763 | 6 | 1 | 25 | 40 | 47 | 5 |
| 424787 | 399500 | 7082250 | 0.227 | 2.3 | 466 | 2 | 2 | 16 | 61 | 38 | 5 |
| 424788 | 399500 | 7082200 | 0.998 | 4.4 | 1200 | 7 | 2 | 16 | 139 | 48 | 5 |
| 424789 | 399500 | 7082150 | 0.106 | 6.2 | 442 | 26 | 1 | 15 | 338 | 45 | 5 |
| 424790 | 399500 | 7082100 | 0.103 | 9.7 | 324 | 14 | 1 | 19 | 249 | 81 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 424791 | 399500 | 7082050 | 0.018 | 2.2 | 75 | 5 | 1 | 19 | 61 | 70 | 5 |
| 424792 | 400100 | 7081200 | 0.049 | 0.5 | 48 | 1 | 1 | 27 | 17 | 86 | 5 |
| 424793 | 399500 | 7082000 | 0.01 | 1.4 | 56 | 3 | 1 | 22 | 43 | 72 | 5 |
| 424794 | 399500 | 7081950 | 0.008 | 0.7 | 31 | 3 | 1 | 43 | 49 | 84 | 5 |
| 424795 | 399500 | 7081900 | 0.006 | 1.5 | 29 | 2 | 1 | 30 | 32 | 53 | 5 |
| 424796 | 399500 | 7081850 | 0.009 | 1.6 | 18 | 2 | 2 | 20 | 20 | 46 | 5 |
| 424797 | 399500 | 7081800 | 0.008 | 0.5 | 24 | 1 | 1 | 23 | 24 | 71 | 5 |
| 424798 | 399500 | 7081750 | 0.002 | 0.3 | 15 | 1 | 1 | 18 | 14 | 51 | 5 |
| 424799 | 399500 | 7081700 | 0.01 | 0.6 | 25 | 1 | 2 | 21 | 16 | 55 | 5 |
| 424800 | 399400 | 7082100 | 0.037 | 8.7 | 152 | 15 | 1 | 22 | 153 | 39 | 5 |
| 424801 | 400400 | 7080800 | 0.302 | 1.8 | 2220 | 1 | 17 | 58 | 37 | 98 | 40 |
| 424802 | 400400 | 7080750 | 0.012 | 0.5 | 1045 | 1 | 1 | 72 | 16 | 68 | 5 |
| 424803 | 400400 | 7080700 | 0.032 | 0.4 | 1375 | 1 | 1 | 67 | 16 | 109 | 10 |
| 424804 | 400500 | 7080000 | 0.003 | 0.1 | 20 | 1 | 1 | 21 | 12 | 74 | 5 |
| 424805 | 400500 | 7080100 | 0.006 | 0.2 | 24 | 1 | 1 | 41 | 12 | 75 | 5 |
| 424806 | 400500 | 7080200 | 0.01 | 0.2 | 24 | 1 | 1 | 40 | 11 | 63 | 5 |
| 424807 | 400500 | 7080300 | 0.018 | 0.2 | 34 | 1 | 1 | 35 | 13 | 66 | 5 |
| 424808 | 400500 | 7080400 | 0.034 | 0.3 | 303 | 1 | 1 | 54 | 21 | 89 | 5 |
| 424809 | 400500 | 7080500 | 0.048 | 0.5 | 454 | 1 | 1 | 47 | 21 | 97 | 5 |
| 424810 | 400500 | 7080600 | 0.011 | 0.5 | 520 | 1 | 1 | 49 | 15 | 100 | 5 |
| 424811 | 400500 | 7080700 | 0.015 | 0.3 | 113 | 1 | 1 | 30 | 16 | 90 | 5 |
| 424812 | 400500 | 7080800 | 0.01 | 0.6 | 344 | 1 | 4 | 22 | 18 | 81 | 5 |
| 424813 | 400500 | 7080900 | 0.055 | 0.6 | 190 | 1 | 4 | 28 | 26 | 90 | 5 |
| 424814 | 400500 | 7081000 | 0.015 | 0.3 | 167 | 1 | 3 | 26 | 17 | 95 | 5 |
| 424815 | 400500 | 7081100 | 0.01 | 0.1 | 56 | 1 | 1 | 21 | 14 | 81 | 5 |
| 424816 | 400500 | 7081200 | 0.012 | 0.2 | 85 | 1 | 1 | 37 | 18 | 119 | 5 |
| 424817 | 400500 | 7081300 | 0.035 | 1.2 | 204 | 2 | 1 | 42 | 67 | 93 | 5 |
| 424818 | 400500 | 7081400 | 0.018 | 0.8 | 106 | 1 | 1 | 47 | 32 | 116 | 5 |
| 424819 | 400500 | 7081500 | 0.03 | 0.5 | 104 | 1 | 1 | 36 | 31 | 84 | 5 |
| 424820 | 400100 | 7081100 | 0.011 | 0.2 | 46 | 1 | 1 | 27 | 17 | 91 | 10 |
| 424821 | 400100 | 7080840 | 0.059 | 36.9 | 310 | 1 | 3 | 47 | 661 | 282 | 10 |
| 424822 | 400100 | 7080800 | 0.012 | 0.9 | 112 | 1 | 3 | 21 | 60 | 90 | 10 |
| 424823 | 400100 | 7080700 | 0.013 | 0.5 | 56 | 1 | 3 | 30 | 15 | 111 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 424824 | 400100 | 7080600 | 0.015 | 0.2 | 118 | 1 | 1 | 43 | 20 | 119 | 5 |
| 424825 | 400100 | 7080500 | 0.006 | 0.3 | 35 | 1 | 1 | 15 | 33 | 52 | 5 |
| 424826 | 399400 | 7082900 | 0.017 | 0.8 | 503 | 1 | 4 | 38 | 11 | 51 | 20 |
| 424827 | 399400 | 7082850 | 0.02 | 1 | 275 | 1 | 2 | 31 | 7 | 32 | 10 |
| 424828 | 399400 | 7082800 | 0.033 | 0.4 | 336 | 1 | 3 | 23 | 13 | 55 | 5 |
| 424829 | 399400 | 7082750 | 0.019 | 0.4 | 253 | 1 | 1 | 41 | 18 | 78 | 5 |
| 424830 | 399400 | 7082700 | 0.01 | 0.5 | 301 | 2 | 1 | 42 | 53 | 94 | 5 |
| 424831 | 399400 | 7082650 | 0.006 | 0.3 | 112 | 1 | 1 | 43 | 22 | 87 | 5 |
| 424832 | 399400 | 7082600 | 0.01 | 0.8 | 190 | 1 | 1 | 47 | 31 | 88 | 5 |
| 424833 | 399400 | 7082550 | 0.007 | 0.5 | 226 | 1 | 2 | 49 | 19 | 80 | 5 |
| 424834 | 399400 | 7082500 | 0.006 | 0.3 | 173 | 1 | 1 | 41 | 18 | 72 | 5 |
| 424835 | 399400 | 7082450 | 0.008 | 0.4 | 140 | 1 | 1 | 40 | 17 | 68 | 5 |
| 424836 | 399400 | 7082400 | 0.001 | 0.2 | 86 | 3 | 1 | 25 | 19 | 70 | 5 |
| 424837 | 399400 | 7082350 | 0.055 | 0.3 | 294 | 2 | 1 | 46 | 25 | 79 | 5 |
| 424838 | 399400 | 7082300 | 0.006 | 0.5 | 240 | 1 | 1 | 44 | 34 | 86 | 5 |
| 424839 | 399400 | 7082250 | 0.002 | 0.2 | 61 | 2 | 1 | 23 | 23 | 64 | 5 |
| 424840 | 399700 | 7082900 | 0.106 | 0.3 | 490 | 2 | 1 | 28 | 10 | 63 | 10 |
| 424841 | 399700 | 7082850 | 0.022 | 0.2 | 294 | 1 | 1 | 22 | 9 | 58 | 5 |
| 424842 | 399700 | 7082800 | 0.008 | 0.1 | 206 | 1 | 1 | 18 | 9 | 45 | 5 |
| 424843 | 399700 | 7082750 | 0.019 | 0.6 | 281 | 2 | 1 | 33 | 15 | 63 | 5 |
| 424844 | 399700 | 7082700 | 0.017 | 0.5 | 106 | 2 | 1 | 26 | 17 | 73 | 5 |
| 424845 | 399700 | 7082650 | 0.017 | 0.3 | 82 | 1 | 1 | 23 | 17 | 71 | 5 |
| 424846 | 399700 | 7082600 | 0.012 | 0.3 | 103 | 2 | 1 | 27 | 24 | 70 | 5 |
| 424847 | 399700 | 7082550 | 0.007 | 0.3 | 74 | 2 | 1 | 23 | 17 | 64 | 5 |
| 424848 | 399700 | 7082500 | 0.004 | 0.6 | 59 | 2 | 1 | 26 | 19 | 69 | 5 |
| 424849 | 399700 | 7082450 | 0.021 | 0.5 | 79 | 1 | 1 | 15 | 26 | 53 | 5 |
| 424850 | 399700 | 7082400 | 0.002 | 2.2 | 38 | 2 | 1 | 10 | 29 | 43 | 5 |
| 424851 | 399400 | 7082150 | 0.019 | 2.1 | 156 | 7 | 1 | 18 | 49 | 47 | 5 |
| 424852 | 399400 | 7082200 | 0.001 | 0.1 | 76 | 2 | 1 | 24 | 18 | 56 | 5 |
| 424853 | 399600 | 7082900 | 0.047 | 0.5 | 555 | 1 | 1 | 30 | 13 | 70 | 5 |
| 424854 | 399600 | 7082850 | 0.015 | 0.4 | 432 | 3 | 2 | 29 | 13 | 51 | 5 |
| 424855 | 399600 | 7082800 | 0.009 | 0.6 | 437 | 2 | 2 | 23 | 13 | 47 | 5 |
| 424856 | 399600 | 7082750 | 0.012 | 0.3 | 366 | 3 | 1 | 35 | 16 | 68 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 424857 | 399600 | 7082700 | 0.011 | 0.4 | 143 | 1 | 1 | 33 | 17 | 76 | 5 |
| 424858 | 399600 | 7082650 | 0.007 | 1.2 | 127 | 2 | 1 | 36 | 22 | 74 | 5 |
| 424859 | 399600 | 7082600 | 0.009 | 1 | 133 | 3 | 1 | 46 | 25 | 91 | 5 |
| 424860 | 399600 | 7082550 | 0.009 | 0.7 | 132 | 1 | 1 | 30 | 26 | 99 | 5 |
| 424861 | 399600 | 7082500 | 0.005 | 0.6 | 81 | 1 | 1 | 35 | 20 | 84 | 5 |
| 424862 | 399600 | 7082450 | 0.002 | 0.4 | 48 | 1 | 1 | 16 | 17 | 49 | 5 |
| 424863 | 399600 | 7082400 | 0.004 | 0.4 | 81 | 1 | 1 | 26 | 19 | 78 | 5 |
| 424864 | 399600 | 7082350 | 0.01 | 0.6 | 102 | 2 | 1 | 12 | 17 | 43 | 5 |
| 424865 | 399600 | 7082300 | 0.009 | 0.5 | 51 | 1 | 1 | 42 | 76 | 134 | 5 |
| 424866 | 399600 | 7082250 | 0.007 | 0.9 | 83 | 3 | 1 | 18 | 72 | 105 | 5 |
| 424867 | 399600 | 7082200 | 0.017 | 3 | 152 | 4 | 1 | 32 | 177 | 167 | 5 |
| 424868 | 399600 | 7082150 | 0.019 | 3.7 | 95 | 7 | 1 | 18 | 123 | 105 | 5 |
| 424869 | 399600 | 7082100 | 0.019 | 2 | 29 | 3 | 1 | 24 | 35 | 55 | 5 |
| 424870 | 399600 | 7082050 | 0.009 | 0.6 | 57 | 2 | 1 | 17 | 40 | 68 | 5 |
| 424871 | 399600 | 7082000 | 0.019 | 1.6 | 88 | 6 | 1 | 40 | 75 | 107 | 5 |
| 424872 | 399600 | 7081950 | 0.008 | 0.6 | 16 | 1 | 1 | 25 | 20 | 72 | 5 |
| 424873 | 399600 | 7081900 | 0.024 | 0.4 | 51 | 1 | 2 | 27 | 35 | 58 | 5 |
| 424874 | 399600 | 7081850 | 0.003 | 0.8 | 20 | 2 | 1 | 23 | 24 | 45 | 10 |
| 424875 | 399600 | 7081800 | 0.006 | 1 | 52 | 1 | 1 | 11 | 15 | 28 | 5 |
| 424876 | 399600 | 7081750 | 0.006 | 0.3 | 21 | 1 | 1 | 17 | 16 | 53 | 5 |
| 424877 | 399600 | 7081700 | 0.007 | 0.3 | 23 | 2 | 1 | 16 | 18 | 44 | 5 |
| 424878 | 399800 | 7080100 | 0.039 | 0.5 | 185 | 3 | 2 | 98 | 30 | 110 | 5 |
| 424879 | 399800 | 7080050 | 0.087 | 1.6 | 443 | 1 | 2 | 91 | 50 | 126 | 10 |
| 424880 | 399800 | 7080000 | 0.006 | 0.1 | 28 | 3 | 1 | 20 | 15 | 55 | 5 |
| 424881 | 399800 | 7079950 | 0.095 | 0.2 | 377 | 3 | 2 | 51 | 11 | 73 | 5 |
| 424882 | 399800 | 7079900 | 0.044 | 0.4 | 360 | 1 | 1 | 59 | 22 | 96 | 10 |
| 424883 | 399800 | 7079850 | 0.057 | 0.7 | 338 | 3 | 3 | 51 | 20 | 100 | 10 |
| 424884 | 399800 | 7079800 | 0.055 | 0.6 | 230 | 2 | 4 | 63 | 19 | 87 | 5 |
| 424885 | 399800 | 7079750 | 0.034 | 0.4 | 136 | 1 | 1 | 48 | 20 | 89 | 5 |
| 424886 | 399700 | 7079700 | 0.066 | 3.6 | 185 | 2 | 2 | 69 | 209 | 114 | 20 |
| 424887 | 399700 | 7079750 | 0.071 | 0.6 | 109 | 1 | 2 | 55 | 19 | 88 | 10 |
| 424888 | 399700 | 7079800 | 0.08 | 0.7 | 233 | 2 | 2 | 63 | 17 | 93 | 10 |
| 424889 | 399700 | 7079850 | 0.076 | 1 | 227 | 3 | 3 | 71 | 27 | 98 | 10 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 424890 | 399700 | 7079900 | 0.222 | 0.4 | 306 | 2 | 3 | 109 | 18 | 102 | 10 |
| 424891 | 399700 | 7079950 | 0.072 | 0.5 | 265 | 3 | 3 | 78 | 22 | 82 | 10 |
| 424892 | 399700 | 7080000 | 0.024 | 0.3 | 73 | 1 | 2 | 60 | 14 | 65 | 5 |
| 424893 | 399700 | 7079650 | 0.033 | 1.8 | 215 | 3 | 2 | 40 | 43 | 113 | 20 |
| 424894 | 399700 | 7079600 | 0.019 | 0.8 | 130 | 2 | 1 | 45 | 37 | 105 | 20 |
| 424895 | 399700 | 7079550 | 0.059 | 1.4 | 459 | 1 | 2 | 64 | 23 | 95 | 70 |
| 424896 | 399700 | 7079500 | 0.006 | 0.2 | 54 | 1 | 1 | 28 | 20 | 107 | 10 |
| 424897 | 399700 | 7079450 | 0.045 | 1 | 153 | 3 | 3 | 47 | 42 | 115 | 20 |
| 424898 | 399700 | 7079400 | 0.033 | 0.5 | 102 | 1 | 1 | 36 | 22 | 88 | 10 |
| 424899 | 399700 | 7079350 | 0.031 | 0.6 | 87 | 1 | 1 | 41 | 24 | 123 | 10 |
| 424901 | 399700 | 7082350 | 0.012 | 1 | 65 | 4 | 1 | 18 | 73 | 89 | 5 |
| 424902 | 399700 | 7082250 | 0.015 | 0.9 | 47 | 2 | 1 | 17 | 95 | 77 | 5 |
| 424903 | 399700 | 7082200 | 0.023 | 2.6 | 74 | 4 | 1 | 30 | 133 | 121 | 5 |
| 424904 | 399700 | 7082150 | 0.034 | 1.7 | 119 | 4 | 1 | 28 | 102 | 101 | 5 |
| 424905 | 399700 | 7082100 | 0.008 | 0.6 | 44 | 2 | 1 | 17 | 39 | 61 | 5 |
| 424906 | 399700 | 7082050 | 0.016 | 1.1 | 69 | 4 | 1 | 19 | 74 | 75 | 5 |
| 424907 | 399700 | 7082000 | 0.03 | 1.6 | 115 | 5 | 2 | 35 | 67 | 105 | 5 |
| 424908 | 399700 | 7081950 | 0.011 | 0.7 | 17 | 1 | 2 | 29 | 25 | 82 | 5 |
| 424909 | 399700 | 7081900 | 0.031 | 1.2 | 43 | 1 | 2 | 33 | 35 | 71 | 5 |
| 424910 | 399700 | 7081850 | 0.011 | 0.6 | 22 | 2 | 2 | 21 | 24 | 60 | 5 |
| 424911 | 399700 | 7081800 | 0.006 | 0.6 | 26 | 1 | 2 | 23 | 18 | 48 | 5 |
| 424912 | 399700 | 7081750 | 0.005 | 0.5 | 23 | 1 | 1 | 23 | 13 | 64 | 5 |
| 424913 | 399700 | 7081700 | 0.01 | 0.4 | 25 | 2 | 3 | 20 | 13 | 54 | 5 |
| 424914 | 400000 | 7080200 | 0.04 | 1 | 56 | 1 | 4 | 50 | 31 | 131 | 5 |
| 424915 | 400000 | 7080150 | 0.041 | 0.3 | 60 | 1 | 1 | 50 | 23 | 99 | 5 |
| 424916 | 400000 | 7080100 | 0.036 | 0.9 | 50 | 2 | 2 | 47 | 24 | 108 | 5 |
| 424917 | 400000 | 7080050 | 0.008 | 0.4 | 18 | 1 | 1 | 23 | 10 | 70 | 5 |
| 424918 | 400000 | 7080000 | 0.061 | 3.6 | 329 | 2 | 2 | 73 | 22 | 123 | 5 |
| 424919 | 400000 | 7079950 | 0.021 | 3.7 | 193 | 1 | 1 | 38 | 138 | 166 | 5 |
| 424920 | 400000 | 7079900 | 0.047 | 0.8 | 277 | 2 | 5 | 47 | 14 | 91 | 5 |
| 424921 | 400000 | 7079850 | 0.021 | 0.5 | 191 | 2 | 2 | 63 | 17 | 92 | 5 |
| 424922 | 399900 | 7079850 | 0.008 | 0.2 | 63 | 1 | 2 | 33 | 15 | 71 | 5 |
| 424923 | 399900 | 7079900 | 0.023 | 0.3 | 250 | 1 | 3 | 60 | 22 | 95 | 10 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 424924 | 399900 | 7079950 | 0.015 | 0.4 | 78 | 1 | 4 | 43 | 19 | 94 | 5 |
| 424925 | 399900 | 7080050 | 0.061 | 0.2 | 43 | 2 | 2 | 45 | 11 | 74 | 5 |
| 424926 | 399900 | 7080150 | 0.131 | 0.6 | 44 | 1 | 3 | 72 | 16 | 88 | 5 |
| 424927 | 399400 | 7079300 | 0.02 | 0.2 | 111 | 1 | 1 | 48 | 14 | 84 | 10 |
| 424928 | 399400 | 7079350 | 0.026 | 0.3 | 100 | 1 | 2 | 44 | 13 | 75 | 10 |
| 424929 | 399400 | 7079400 | 0.02 | 0.3 | 216 | 1 | 2 | 35 | 19 | 76 | 5 |
| 424930 | 399400 | 7079450 | 0.046 | 0.2 | 40 | 1 | 2 | 62 | 14 | 81 | 20 |
| 424931 | 399400 | 7079500 | 0.036 | 0.2 | 163 | 1 | 2 | 99 | 17 | 94 | 30 |
| 424932 | 399400 | 7079550 | 0.043 | 0.3 | 52 | 1 | 2 | 76 | 13 | 81 | 10 |
| 424933 | 399400 | 7079600 | 0.044 | 1 | 483 | 1 | 2 | 110 | 32 | 149 | 40 |
| 424934 | 399400 | 7079650 | 0.051 | 0.9 | 656 | 1 | 2 | 71 | 27 | 106 | 60 |
| 424935 | 399400 | 7079700 | 0.035 | 0.6 | 694 | 2 | 3 | 64 | 42 | 101 | 30 |
| 424936 | 399400 | 7079750 | 0.098 | 0.6 | 775 | 1 | 4 | 96 | 38 | 132 | 30 |
| 424937 | 399400 | 7079800 | 0.053 | 1 | 266 | 1 | 3 | 114 | 38 | 155 | 30 |
| 424938 | 399400 | 7079850 | 0.022 | 0.4 | 278 | 2 | 1 | 73 | 18 | 80 | 10 |
| 424939 | 399400 | 7079900 | 0.013 | 0.4 | 41 | 2 | 2 | 34 | 23 | 81 | 10 |
| 424940 | 399400 | 7080000 | 0.016 | 0.2 | 16 | 1 | 1 | 25 | 12 | 64 | 5 |
| 424941 | 400800 | 7081500 | 0.003 | 0.3 | 37 | 1 | 1 | 28 | 20 | 72 | 5 |
| 424942 | 400874 | 7081434 | 0.0005 | 0.4 | 38 | 1 | 1 | 30 | 19 | 63 | 5 |
| 424943 | 400939 | 7081358 | 0.007 | 1 | 32 | 1 | 1 | 38 | 54 | 99 | 5 |
| 424944 | 401016 | 7081287 | 0.007 | 2.7 | 150 | 3 | 2 | 49 | 107 | 132 | 5 |
| 424945 | 401111 | 7081249 | 0.007 | 0.6 | 40 | 1 | 1 | 33 | 14 | 65 | 5 |
| 424946 | 401203 | 7081297 | 0.009 | 0.3 | 21 | 1 | 1 | 25 | 12 | 74 | 5 |
| 424947 | 401232 | 7081395 | 0.002 | 0.2 | 18 | 1 | 1 | 32 | 12 | 85 | 5 |
| 424948 | 401292 | 7081480 | 0.01 | 0.3 | 22 | 1 | 1 | 23 | 20 | 71 | 5 |
| 424949 | 401349 | 7081560 | 0.005 | 0.2 | 25 | 1 | 1 | 32 | 16 | 78 | 5 |
| 424950 | 401387 | 7081653 | 0.002 | 0.2 | 16 | 1 | 1 | 35 | 17 | 75 | 5 |
| 425001 | 399600 | 7079300 | 0.05 | 0.7 | 147 | 1 | 1 | 48 | 27 | 112 | 10 |
| 425002 | 399600 | 7079350 | 0.129 | 0.9 | 173 | 1 | 2 | 46 | 47 | 131 | 10 |
| 425003 | 399600 | 7079400 | 0.014 | 0.7 | 49 | 1 | 1 | 38 | 31 | 109 | 5 |
| 425004 | 399600 | 7079450 | 0.028 | 2.4 | 75 | 1 | 2 | 52 | 24 | 123 | 20 |
| 425005 | 399600 | 7079500 | 0.012 | 0.2 | 47 | 2 | 1 | 24 | 18 | 71 | 5 |
| 425006 | 399600 | 7079550 | 0.019 | 0.4 | 189 | 1 | 1 | 50 | 18 | 112 | 10 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 425007 | 399600 | 7079600 | 0.016 | 0.2 | 307 | 2 | 2 | 33 | 18 | 75 | 40 |
| 425008 | 399600 | 7079650 | 0.042 | 4.5 | 417 | 2 | 1 | 51 | 126 | 136 | 40 |
| 425009 | 399600 | 7079700 | 0.095 | 6.4 | 423 | 5 | 4 | 90 | 112 | 159 | 40 |
| 425010 | 399600 | 7079750 | 0.082 | 0.8 | 281 | 1 | 3 | 84 | 28 | 119 | 40 |
| 425011 | 399600 | 7079800 | 0.073 | 0.2 | 220 | 1 | 1 | 66 | 16 | 88 | 50 |
| 425012 | 399600 | 7079850 | 0.098 | 0.2 | 250 | 1 | 2 | 75 | 20 | 88 | 20 |
| 425013 | 399600 | 7079900 | 0.172 | 0.2 | 243 | 1 | 5 | 92 | 24 | 101 | 30 |
| 425014 | 399600 | 7079950 | 0.115 | 0.3 | 250 | 3 | 5 | 87 | 16 | 86 | 20 |
| 425015 | 399600 | 7080000 | 0.014 | 0.4 | 44 | 3 | 1 | 43 | 25 | 74 | 5 |
| 425016 | 399500 | 7079300 | 0.034 | 0.4 | 52 | 2 | 1 | 43 | 16 | 85 | 20 |
| 425017 | 399500 | 7079350 | 0.034 | 0.3 | 70 | 3 | 2 | 51 | 19 | 97 | 10 |
| 425018 | 399500 | 7079400 | 0.022 | 0.3 | 99 | 2 | 1 | 55 | 16 | 90 | 10 |
| 425019 | 399500 | 7079450 | 0.044 | 0.4 | 75 | 1 | 2 | 59 | 15 | 92 | 40 |
| 425020 | 399500 | 7079500 | 0.045 | 0.2 | 133 | 1 | 2 | 42 | 14 | 89 | 40 |
| 425021 | 399500 | 7079550 | 0.021 | 0.1 | 154 | 1 | 1 | 38 | 14 | 70 | 20 |
| 425022 | 399500 | 7079600 | 0.052 | 0.3 | 389 | 2 | 3 | 47 | 22 | 91 | 110 |
| 425023 | 399500 | 7079650 | 0.04 | 0.5 | 742 | 1 | 2 | 72 | 31 | 120 | 90 |
| 425024 | 399500 | 7079700 | 0.053 | 0.4 | 497 | 4 | 2 | 62 | 25 | 108 | 30 |
| 425025 | 399500 | 7079750 | 0.042 | 0.2 | 141 | 1 | 2 | 71 | 25 | 109 | 20 |
| 425026 | 399500 | 7079800 | 0.064 | 0.6 | 353 | 1 | 3 | 120 | 29 | 122 | 10 |
| 425027 | 399500 | 7079850 | 0.065 | 0.3 | 329 | 2 | 2 | 101 | 23 | 121 | 20 |
| 425028 | 399500 | 7079900 | 0.247 | 1.1 | 429 | 1 | 4 | 123 | 38 | 109 | 110 |
| 425029 | 399500 | 7079950 | 0.044 | 0.3 | 75 | 1 | 5 | 78 | 24 | 85 | 20 |
| 425031 | 401600 | 7081000 | 0.005 | 0.1 | 19 | 1 | 1 | 16 | 13 | 64 | 5 |
| 425032 | 401691 | 7081044 | 0.025 | 0.3 | 18 | 1 | 1 | 19 | 11 | 61 | 5 |
| 425033 | 401787 | 7081087 | 0.001 | 0.2 | 15 | 1 | 1 | 9 | 11 | 36 | 5 |
| 425034 | 401875 | 7081126 | 0.01 | 0.2 | 19 | 1 | 1 | 17 | 11 | 54 | 5 |
| 425035 | 401947 | 7081187 | 0.0005 | 0.4 | 17 | 1 | 1 | 19 | 10 | 54 | 5 |
| 425036 | 402042 | 7081250 | 0.008 | 0.2 | 24 | 1 | 1 | 20 | 13 | 60 | 5 |
| 425037 | 402135 | 7081320 | 0.002 | 0.3 | 18 | 1 | 1 | 23 | 17 | 70 | 5 |
| 425038 | 402197 | 7081392 | 0.004 | 0.2 | 13 | 1 | 1 | 21 | 16 | 55 | 5 |
| 425039 | 402246 | 7081480 | 0.002 | 0.2 | 13 | 1 | 1 | 15 | 14 | 37 | 5 |
| 425040 | 402319 | 7081556 | 0.004 | 0.2 | 16 | 1 | 1 | 25 | 14 | 58 | 5 |

| Sample No. | EastN83Z8 | NorthN83Z8 | Au (ppm) | Ag (ppm) | As (ppm) | Sb (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | W (ppm) |
|------------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 425041 | 402350 | 7081650 | 0.002 | 0.6 | 14 | 1 | 1 | 21 | 28 | 68 | 5 |
| 425042 | 402257 | 7081697 | 0.001 | 0.2 | 15 | 1 | 1 | 33 | 15 | 77 | 5 |
| 425043 | 402162 | 7081753 | 0.001 | 0.5 | 21 | 1 | 1 | 31 | 32 | 81 | 5 |
| 425044 | 402075 | 7081802 | 0.004 | 0.1 | 15 | 1 | 1 | 26 | 14 | 65 | 5 |
| 425045 | 401976 | 7081859 | 0.005 | 0.3 | 26 | 1 | 1 | 27 | 18 | 72 | 5 |
| 425046 | 401433 | 7081746 | 0.008 | 0.1 | 78 | 1 | 1 | 22 | 13 | 57 | 5 |
| 425047 | 401463 | 7081842 | 0.005 | 0.2 | 22 | 1 | 1 | 24 | 12 | 71 | 5 |
| 425048 | 401556 | 7081892 | 0.004 | 0.1 | 21 | 1 | 1 | 36 | 14 | 77 | 5 |
| 425049 | 401628 | 7081962 | 0.001 | 0.2 | 26 | 1 | 1 | 26 | 13 | 63 | 5 |
| 425050 | 401711 | 7081985 | 0.001 | 0.1 | 15 | 1 | 1 | 21 | 12 | 51 | 5 |

APPENDIX IV

Laboratory Soil Sample Analysis Certificates



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 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Page: 1
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 Plus Appendix Pages
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 Account: PARIEX

CERTIFICATE WH17159411

Project: RC PROPERTY

This report is for 255 Soil samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2017.

The following have access to data associated with this certificate:

| | | |
|---------------|---------|--|
| GERRY CARLSON | COR COE | |
|---------------|---------|--|

| SAMPLE PREPARATION | |
|--------------------|--------------------------------|
| ALS CODE | DESCRIPTION |
| WEI-21 | Received Sample Weight |
| LOG-21 | Sample logging - ClientBarCode |
| SCR-41 | Screen to -180um and save both |

| ANALYTICAL PROCEDURES | | |
|-----------------------|-------------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au-ICP21 | Au 30g FA ICP-AES Finish | ICP-AES |
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |

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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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 North Vancouver BC V7H 0A7
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Page: 2 - A
 Total # Pages: 8 (A - C)
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 Account: PARIEX

Project: RC PROPERTY

CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| | LOR | | | | | | | | | | | | | | | |
| W422644 | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W422645 | | 0.50 | 0.044 | 0.4 | 2.55 | 676 | <10 | 250 | 1.1 | 2 | 0.63 | <0.5 | 17 | 46 | 27 | 3.87 |
| W422646 | | 0.49 | 0.026 | 0.3 | 2.43 | 497 | <10 | 200 | 1.0 | <2 | 0.38 | <0.5 | 14 | 37 | 24 | 3.66 |
| W422647 | | 0.41 | 0.026 | <0.2 | 1.99 | 101 | <10 | 180 | 0.7 | <2 | 0.11 | <0.5 | 7 | 26 | 16 | 2.86 |
| W422648 | | 0.43 | 0.001 | <0.2 | 2.30 | 22 | <10 | 150 | 0.5 | <2 | 0.18 | <0.5 | 10 | 28 | 19 | 2.76 |
| W422649 | | 0.51 | 0.011 | <0.2 | 1.82 | 112 | <10 | 160 | 0.5 | <2 | 0.31 | <0.5 | 11 | 26 | 25 | 2.57 |
| W422653 | | 0.52 | 0.015 | <0.2 | 1.95 | 109 | <10 | 160 | 1.0 | <2 | 0.30 | <0.5 | 12 | 60 | 18 | 3.74 |
| W422654 | | 0.59 | 0.076 | 0.7 | 2.17 | 531 | <10 | 180 | 1.0 | 4 | 0.26 | <0.5 | 15 | 95 | 34 | 3.34 |
| W422655 | | 0.58 | 0.025 | 9.3 | 1.88 | 235 | <10 | 210 | 0.9 | 2 | 0.32 | 4.6 | 22 | 81 | 38 | 3.63 |
| W422656 | | 0.49 | 0.054 | 0.4 | 2.62 | 538 | <10 | 380 | 1.6 | 5 | 0.81 | 0.6 | 36 | 164 | 51 | 5.49 |
| W422657 | | 0.55 | 0.039 | 0.3 | 2.63 | 530 | <10 | 160 | 1.7 | 2 | 0.20 | <0.5 | 30 | 84 | 54 | 4.56 |
| W422658 | | 0.30 | 0.006 | 0.3 | 2.16 | 186 | <10 | 180 | 1.5 | <2 | 0.07 | <0.5 | 50 | 60 | 65 | 4.46 |
| W422659 | | 0.49 | 0.011 | 0.2 | 1.99 | 144 | <10 | 200 | 1.2 | <2 | 0.37 | <0.5 | 40 | 77 | 51 | 4.66 |
| W422660 | | 0.43 | 0.009 | 0.2 | 1.67 | 103 | <10 | 120 | 1.1 | <2 | 0.13 | <0.5 | 40 | 34 | 72 | 4.74 |
| W422661 | | 0.47 | 0.005 | <0.2 | 2.17 | 63 | <10 | 130 | 0.6 | <2 | 0.15 | <0.5 | 9 | 42 | 18 | 3.13 |
| W422662 | | 0.47 | 0.010 | 0.2 | 1.66 | 76 | <10 | 150 | 0.6 | <2 | 0.37 | <0.5 | 12 | 37 | 26 | 2.89 |
| W422663 | | 0.54 | 0.012 | 0.3 | 2.19 | 124 | <10 | 220 | 0.8 | <2 | 0.38 | <0.5 | 14 | 48 | 27 | 3.39 |
| W422664 | | 0.56 | 0.017 | 0.3 | 1.91 | 245 | <10 | 130 | 0.7 | <2 | 0.23 | <0.5 | 12 | 42 | 30 | 3.19 |
| W422665 | | 0.39 | 0.028 | 0.6 | 2.04 | 463 | <10 | 120 | 0.8 | 3 | 0.22 | <0.5 | 14 | 54 | 40 | 3.45 |
| W422666 | | 0.58 | 0.009 | 0.6 | 2.06 | 82 | <10 | 150 | 0.8 | <2 | 0.19 | <0.5 | 17 | 50 | 38 | 3.92 |
| W422667 | | 0.35 | 0.015 | 0.7 | 1.74 | 57 | <10 | 160 | 0.6 | <2 | 0.12 | <0.5 | 12 | 34 | 29 | 3.31 |
| W422668 | | 0.49 | 0.041 | 0.8 | 2.02 | 64 | <10 | 120 | 0.9 | 2 | 0.15 | <0.5 | 20 | 35 | 61 | 4.01 |
| W422669 | | 0.49 | 0.025 | 0.5 | 1.77 | 98 | <10 | 110 | 0.8 | <2 | 0.21 | <0.5 | 16 | 31 | 46 | 3.65 |
| W422670 | | 0.59 | 0.041 | 0.2 | 1.83 | 362 | <10 | 90 | 0.9 | 2 | 0.10 | <0.5 | 37 | 32 | 55 | 4.44 |
| W422671 | | 0.63 | 0.048 | 0.8 | 1.37 | 69 | <10 | 100 | 1.2 | 2 | 0.32 | <0.5 | 22 | 25 | 56 | 3.31 |
| W422672 | | 0.51 | 0.491 | 0.8 | 1.86 | 72 | <10 | 120 | 1.0 | 7 | 0.23 | <0.5 | 20 | 31 | 107 | 4.38 |
| W422673 | | 0.53 | 0.073 | 0.2 | 2.49 | 21 | <10 | 190 | 1.3 | 3 | 0.34 | <0.5 | 14 | 34 | 38 | 3.06 |
| W422674 | | 0.52 | 0.009 | 0.6 | 1.29 | 100 | <10 | 50 | 1.0 | <2 | 0.06 | <0.5 | 29 | 23 | 53 | 4.37 |
| W422675 | | 0.41 | 0.007 | 0.4 | 1.41 | 104 | <10 | 60 | 0.6 | <2 | 0.06 | <0.5 | 12 | 24 | 50 | 4.50 |
| W422676 | | 0.44 | 0.005 | 0.5 | 1.54 | 52 | <10 | 60 | 0.8 | <2 | 0.05 | <0.5 | 18 | 24 | 53 | 4.80 |
| W422677 | | 0.61 | 0.011 | 0.5 | 1.32 | 38 | <10 | 70 | 0.8 | <2 | 0.05 | <0.5 | 22 | 22 | 43 | 4.57 |
| W422678 | | 0.53 | 0.052 | 0.4 | 1.97 | 129 | <10 | 170 | 1.0 | <2 | 0.16 | <0.5 | 16 | 50 | 47 | 4.18 |
| W422679 | | 0.46 | 0.011 | 0.6 | 1.47 | 85 | <10 | 80 | 0.5 | <2 | 0.07 | 0.5 | 9 | 22 | 20 | 3.09 |
| W422680 | | 0.43 | 0.013 | 2.2 | 1.21 | 136 | <10 | 80 | <0.5 | <2 | 0.04 | <0.5 | 8 | 20 | 35 | 3.49 |
| W422681 | | 0.60 | 0.018 | 0.7 | 1.52 | 23 | <10 | 70 | <0.5 | <2 | 0.09 | <0.5 | 12 | 28 | 35 | 3.58 |
| W422682 | | 0.59 | 0.025 | 0.3 | 1.57 | 23 | <10 | 60 | 0.5 | <2 | 0.07 | <0.5 | 10 | 27 | 27 | 3.46 |
| W422683 | | 0.50 | 0.003 | 1.5 | 1.01 | 53 | <10 | 60 | <0.5 | <2 | 0.06 | <0.5 | 5 | 25 | 21 | 3.83 |
| W422684 | | 0.52 | 0.048 | 0.8 | 1.72 | 39 | <10 | 110 | 0.6 | 3 | 0.07 | <0.5 | 6 | 32 | 35 | 3.70 |
| W422685 | | 0.61 | 0.004 | 0.2 | 1.72 | 21 | <10 | 130 | 0.5 | <2 | 0.09 | <0.5 | 11 | 30 | 20 | 3.30 |
| W422686 | | 0.49 | 0.021 | 0.4 | 1.31 | 21 | <10 | 80 | <0.5 | 3 | 0.06 | <0.5 | 6 | 38 | 25 | 3.72 |
| W422686 | | 0.49 | 0.006 | 1.5 | 1.39 | 25 | <10 | 100 | <0.5 | <2 | 0.06 | <0.5 | 5 | 24 | 26 | 3.05 |



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 Account: PARIEX

Project: RC PROPERTY

CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| | | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W422644 | | 10 | <1 | 0.23 | 30 | 0.96 | 749 | 1 | 0.04 | 16 | 1400 | 24 | 0.03 | <2 | 9 | 56 |
| W422645 | | 10 | <1 | 0.12 | 30 | 0.78 | 710 | 1 | 0.02 | 15 | 1010 | 18 | 0.03 | <2 | 8 | 28 |
| W422646 | | 10 | 1 | 0.12 | 10 | 0.55 | 440 | 1 | 0.01 | 12 | 600 | 11 | 0.06 | <2 | 2 | 15 |
| W422647 | | 10 | 1 | 0.13 | 10 | 0.63 | 370 | 1 | 0.02 | 23 | 490 | 9 | 0.03 | 3 | 3 | 17 |
| W422648 | | 10 | 1 | 0.15 | 20 | 0.60 | 332 | 1 | 0.02 | 19 | 1000 | 9 | 0.02 | 2 | 4 | 23 |
| W422649 | | 10 | 1 | 0.16 | 20 | 0.86 | 714 | 1 | 0.02 | 13 | 1070 | 15 | 0.04 | 4 | 8 | 26 |
| W422653 | | 10 | 1 | 0.14 | 20 | 1.05 | 717 | 1 | 0.02 | 22 | 770 | 28 | 0.03 | <2 | 7 | 45 |
| W422654 | | 10 | 1 | 0.21 | 20 | 0.77 | 804 | 1 | 0.02 | 35 | 880 | 245 | 0.09 | <2 | 10 | 43 |
| W422655 | | 10 | 1 | 0.43 | 20 | 1.42 | 1150 | 1 | 0.03 | 37 | 1580 | 16 | 0.03 | <2 | 15 | 63 |
| W422656 | | 10 | <1 | 0.20 | 30 | 0.92 | 699 | 1 | 0.02 | 51 | 920 | 18 | 0.06 | <2 | 9 | 22 |
| W422657 | | 10 | 1 | 0.31 | 30 | 0.77 | 992 | 2 | 0.02 | 54 | 1020 | 26 | 0.12 | 3 | 6 | 27 |
| W422658 | | 10 | <1 | 0.41 | 30 | 0.85 | 927 | 1 | 0.01 | 54 | 1050 | 22 | 0.08 | 3 | 12 | 60 |
| W422659 | | 10 | 1 | 0.15 | 30 | 0.62 | 600 | 2 | 0.01 | 65 | 970 | 14 | 0.09 | 2 | 4 | 20 |
| W422660 | | 10 | <1 | 0.09 | 10 | 0.57 | 421 | 1 | 0.02 | 13 | 830 | 21 | 0.05 | <2 | 4 | 14 |
| W422661 | | <10 | <1 | 0.12 | 20 | 0.68 | 488 | 1 | 0.03 | 21 | 1140 | 17 | 0.02 | <2 | 5 | 27 |
| W422662 | | 10 | <1 | 0.14 | 20 | 0.84 | 621 | 1 | 0.03 | 22 | 1110 | 18 | 0.03 | <2 | 7 | 32 |
| W422663 | | 10 | <1 | 0.09 | 20 | 0.71 | 489 | 1 | 0.02 | 24 | 890 | 19 | 0.03 | <2 | 4 | 19 |
| W422664 | | <10 | <1 | 0.10 | 20 | 0.68 | 404 | 2 | 0.02 | 29 | 990 | 19 | 0.07 | <2 | 4 | 21 |
| W422665 | | 10 | <1 | 0.11 | 20 | 0.72 | 621 | 1 | 0.02 | 34 | 870 | 24 | 0.05 | <2 | 5 | 23 |
| W422666 | | <10 | <1 | 0.07 | 20 | 0.59 | 405 | 1 | 0.01 | 25 | 720 | 32 | 0.06 | <2 | 2 | 16 |
| W422667 | | 10 | <1 | 0.16 | 30 | 0.65 | 800 | 1 | 0.01 | 40 | 930 | 21 | 0.06 | <2 | 3 | 18 |
| W422668 | | <10 | <1 | 0.14 | 30 | 0.58 | 673 | 1 | 0.01 | 38 | 680 | 16 | 0.04 | <2 | 3 | 19 |
| W422669 | | 10 | <1 | 0.30 | 30 | 0.65 | 937 | 1 | 0.01 | 82 | 600 | 15 | 0.06 | <2 | 3 | 21 |
| W422670 | | <10 | <1 | 0.26 | 30 | 0.46 | 1080 | <1 | 0.01 | 43 | 760 | 25 | 0.05 | <2 | 3 | 32 |
| W422671 | | 10 | <1 | 0.29 | 30 | 0.65 | 834 | 1 | 0.03 | 40 | 900 | 18 | 0.12 | <2 | 3 | 39 |
| W422672 | | 10 | 1 | 0.40 | 20 | 1.12 | 749 | 1 | 0.01 | 32 | 640 | 11 | 0.03 | <2 | 3 | 35 |
| W422673 | | <10 | <1 | 0.05 | 40 | 0.42 | 727 | 1 | 0.01 | 47 | 760 | 24 | 0.05 | <2 | 2 | 13 |
| W422674 | | <10 | <1 | 0.06 | 40 | 0.40 | 302 | 1 | 0.02 | 28 | 860 | 25 | 0.08 | <2 | 2 | 13 |
| W422675 | | <10 | <1 | 0.05 | 40 | 0.52 | 460 | 1 | 0.01 | 34 | 730 | 24 | 0.06 | <2 | 2 | 12 |
| W422676 | | <10 | <1 | 0.05 | 40 | 0.40 | 517 | 1 | 0.01 | 43 | 690 | 17 | 0.05 | <2 | 2 | 11 |
| W422677 | | 10 | <1 | 0.15 | 30 | 0.75 | 464 | 2 | 0.01 | 38 | 680 | 17 | 0.06 | <2 | 4 | 21 |
| W422678 | | <10 | <1 | 0.04 | 20 | 0.29 | 309 | 1 | 0.01 | 20 | 550 | 32 | 0.02 | <2 | 2 | 9 |
| W422679 | | <10 | <1 | 0.06 | 30 | 0.30 | 270 | 1 | 0.01 | 19 | 620 | 36 | 0.04 | 5 | 1 | 12 |
| W422680 | | 10 | <1 | 0.05 | 20 | 0.37 | 406 | 2 | 0.02 | 19 | 920 | 38 | 0.07 | 2 | 1 | 13 |
| W422681 | | <10 | <1 | 0.05 | 20 | 0.39 | 358 | 1 | 0.01 | 19 | 570 | 26 | 0.04 | 2 | 2 | 12 |
| W422682 | | 10 | <1 | 0.06 | 20 | 0.18 | 335 | 2 | 0.01 | 12 | 820 | 58 | 0.07 | 2 | 1 | 9 |
| W422683 | | 10 | <1 | 0.19 | 20 | 0.58 | 289 | 1 | 0.02 | 15 | 610 | 24 | 0.07 | <2 | 3 | 20 |
| W422684 | | <10 | <1 | 0.06 | 20 | 0.44 | 503 | 1 | 0.01 | 18 | 730 | 18 | 0.04 | <2 | 2 | 14 |
| W422685 | | 10 | 1 | 0.06 | 10 | 0.28 | 299 | 2 | 0.01 | 15 | 910 | 22 | 0.08 | <2 | 1 | 12 |
| W422686 | | <10 | <1 | 0.04 | 20 | 0.24 | 151 | 1 | 0.01 | 12 | 670 | 15 | 0.06 | <2 | 1 | 14 |



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CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W422644 | | <20 | 0.10 | <10 | <10 | 68 | 10 | 96 |
| W422645 | | <20 | 0.07 | <10 | <10 | 65 | 10 | 85 |
| W422646 | | <20 | 0.09 | <10 | <10 | 60 | <10 | 53 |
| W422647 | | <20 | 0.11 | <10 | <10 | 56 | <10 | 73 |
| W422648 | | <20 | 0.09 | <10 | <10 | 48 | <10 | 76 |
| W422649 | | <20 | 0.08 | <10 | <10 | 70 | <10 | 83 |
| W422653 | | <20 | 0.08 | <10 | <10 | 74 | 30 | 92 |
| W422654 | | <20 | 0.06 | <10 | <10 | 62 | 10 | 440 |
| W422655 | | <20 | 0.08 | <10 | <10 | 104 | 20 | 147 |
| W422656 | | <20 | 0.07 | <10 | <10 | 68 | 10 | 111 |
| W422657 | | <20 | 0.07 | <10 | <10 | 54 | <10 | 111 |
| W422658 | | <20 | 0.06 | <10 | <10 | 62 | <10 | 137 |
| W422659 | | <20 | 0.05 | <10 | <10 | 44 | <10 | 107 |
| W422660 | | <20 | 0.09 | <10 | <10 | 66 | 10 | 71 |
| W422661 | | <20 | 0.09 | <10 | <10 | 54 | 10 | 83 |
| W422662 | | <20 | 0.10 | <10 | <10 | 63 | 10 | 93 |
| W422663 | | <20 | 0.07 | <10 | <10 | 56 | 10 | 82 |
| W422664 | | <20 | 0.07 | <10 | <10 | 57 | 20 | 80 |
| W422665 | | <20 | 0.06 | <10 | <10 | 57 | <10 | 104 |
| W422666 | | <20 | 0.05 | <10 | <10 | 47 | <10 | 77 |
| W422667 | | <20 | 0.06 | <10 | <10 | 45 | <10 | 101 |
| W422668 | | <20 | 0.06 | <10 | <10 | 41 | <10 | 84 |
| W422669 | | 20 | 0.05 | <10 | <10 | 32 | <10 | 99 |
| W422670 | | 20 | 0.06 | <10 | <10 | 25 | 10 | 82 |
| W422671 | | <20 | 0.10 | <10 | <10 | 40 | 20 | 86 |
| W422672 | | <20 | 0.09 | <10 | <10 | 40 | <10 | 66 |
| W422673 | | <20 | 0.02 | <10 | <10 | 25 | <10 | 89 |
| W422674 | | <20 | 0.02 | <10 | <10 | 28 | <10 | 89 |
| W422675 | | <20 | 0.02 | <10 | <10 | 28 | <10 | 87 |
| W422676 | | <20 | 0.02 | <10 | <10 | 27 | <10 | 82 |
| W422677 | | <20 | 0.05 | <10 | <10 | 46 | <10 | 79 |
| W422678 | | <20 | 0.04 | <10 | <10 | 39 | <10 | 70 |
| W422679 | | <20 | 0.02 | <10 | <10 | 29 | <10 | 82 |
| W422680 | | <20 | 0.04 | <10 | <10 | 51 | <10 | 81 |
| W422681 | | <20 | 0.05 | <10 | <10 | 45 | <10 | 69 |
| W422682 | | <20 | 0.06 | <10 | <10 | 60 | <10 | 70 |
| W422683 | | <20 | 0.11 | <10 | <10 | 61 | 10 | 70 |
| W422684 | | <20 | 0.05 | <10 | <10 | 48 | <10 | 70 |
| W422685 | | <20 | 0.05 | <10 | <10 | 63 | <10 | 53 |
| W422686 | | <20 | 0.03 | <10 | <10 | 47 | <10 | 45 |



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 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| | |
|-------------------------|------------|
| CERTIFICATE OF ANALYSIS | WH17159411 |
|-------------------------|------------|

| Sample Description | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------|-----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|----------|
| | Recvd Wt. kg | Au ppm | Ag ppm | Al % | As ppm | B ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | |
| | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 | |
| W422687 | 0.54 | 0.006 | 0.7 | 1.55 | 58 | <10 | 80 | <0.5 | <2 | 0.06 | <0.5 | 6 | 35 | 24 | 3.34 | |
| W422688 | 0.32 | 0.004 | 2.1 | 0.71 | 42 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 3 | 19 | 24 | 2.61 | |
| W422689 | 0.62 | <0.001 | 2.3 | 1.18 | 49 | <10 | 60 | <0.5 | <2 | 0.03 | <0.5 | 5 | 29 | 35 | 4.39 | |
| W422690 | 0.58 | 0.047 | 3.1 | 0.93 | 376 | <10 | 70 | <0.5 | <2 | 0.07 | <0.5 | 7 | 22 | 36 | 3.47 | |
| W424759 | 0.53 | 0.034 | 0.6 | 2.60 | 179 | <10 | 250 | 0.8 | 2 | 0.38 | 0.5 | 13 | 36 | 30 | 3.13 | |
| W424760 | 0.44 | 0.042 | <0.2 | 2.71 | 73 | <10 | 200 | 0.7 | 8 | 0.23 | <0.5 | 11 | 31 | 22 | 2.84 | |
| W424761 | 0.45 | 0.059 | 0.5 | 2.49 | 165 | <10 | 230 | 0.8 | 3 | 0.38 | <0.5 | 13 | 35 | 26 | 3.01 | |
| W424762 | 0.36 | 0.017 | <0.2 | 3.35 | 197 | <10 | 320 | 1.1 | <2 | 0.21 | <0.5 | 24 | 52 | 40 | 4.37 | |
| W424763 | 0.31 | 0.007 | 0.9 | 1.53 | 88 | <10 | 80 | <0.5 | <2 | 0.05 | <0.5 | 6 | 28 | 25 | 2.69 | |
| W424764 | 0.60 | 0.015 | 0.5 | 1.91 | 209 | <10 | 130 | 0.6 | <2 | 0.11 | <0.5 | 22 | 40 | 41 | 3.72 | |
| W424765 | 0.41 | 0.015 | 0.8 | 1.63 | 146 | <10 | 110 | 0.5 | <2 | 0.07 | <0.5 | 16 | 34 | 39 | 3.90 | |
| W424766 | 0.57 | 0.030 | <0.2 | 1.77 | 156 | <10 | 90 | 0.5 | <2 | 0.17 | <0.5 | 17 | 35 | 79 | 4.22 | |
| W424767 | 0.44 | <0.001 | 0.2 | 1.20 | 18 | <10 | 70 | <0.5 | <2 | 0.04 | <0.5 | 6 | 21 | 21 | 2.63 | |
| W424768 | 0.46 | 0.002 | 0.2 | 1.18 | 12 | <10 | 60 | 0.5 | <2 | 0.05 | <0.5 | 4 | 22 | 32 | 3.14 | |
| W424769 | 0.43 | 0.007 | 0.3 | 1.33 | 20 | <10 | 50 | 0.5 | 2 | 0.05 | <0.5 | 9 | 22 | 40 | 3.89 | |
| W424770 | 0.45 | 0.082 | 0.3 | 1.55 | 140 | <10 | 80 | 0.7 | <2 | 0.11 | <0.5 | 14 | 25 | 76 | 5.34 | |
| W424771 | 0.48 | 0.024 | 0.4 | 2.94 | 187 | <10 | 340 | 1.4 | <2 | 0.84 | <0.5 | 26 | 128 | 29 | 4.14 | |
| W424772 | 0.42 | 0.022 | 0.3 | 1.83 | 74 | <10 | 90 | 0.7 | <2 | 0.12 | <0.5 | 33 | 36 | 63 | 4.69 | |
| W424773 | 0.47 | 0.011 | 0.4 | 2.10 | 183 | <10 | 110 | 1.0 | <2 | 0.09 | <0.5 | 28 | 36 | 92 | 4.81 | |
| W424774 | 0.42 | 0.018 | 0.7 | 2.53 | 765 | <10 | 180 | 1.4 | 2 | 0.28 | 0.5 | 39 | 57 | 78 | 4.02 | |
| W424775 | 0.28 | 0.008 | 0.5 | 1.56 | 466 | <10 | 90 | 0.5 | <2 | 0.06 | <0.5 | 10 | 63 | 37 | 3.20 | |
| W424776 | 0.38 | 0.031 | 0.6 | 2.65 | 357 | <10 | 240 | 1.0 | 3 | 0.47 | <0.5 | 22 | 52 | 55 | 3.74 | |
| W424777 | 0.27 | <0.001 | <0.2 | 1.55 | 14 | <10 | 100 | <0.5 | <2 | 0.16 | <0.5 | 4 | 21 | 15 | 1.70 | |
| W424778 | 0.37 | 0.012 | 2.1 | 2.38 | 110 | <10 | 210 | 1.7 | 2 | 0.47 | 1.1 | 24 | 48 | 42 | 4.20 | |
| W424779 | 0.52 | 0.013 | 0.3 | 2.78 | 96 | <10 | 330 | 1.0 | <2 | 0.40 | <0.5 | 17 | 55 | 23 | 3.94 | |
| W424780 | 0.44 | 0.016 | 0.9 | 2.16 | 160 | <10 | 250 | 0.9 | <2 | 0.45 | 0.9 | 20 | 60 | 30 | 3.76 | |
| W424781 | 0.48 | 0.013 | 1.5 | 1.96 | 59 | <10 | 160 | 0.6 | <2 | 0.22 | 0.6 | 15 | 45 | 38 | 3.75 | |
| W424782 | 0.58 | 0.005 | 0.3 | 1.10 | 31 | <10 | 50 | <0.5 | <2 | 0.04 | <0.5 | 5 | 28 | 24 | 2.53 | |
| W424783 | 0.37 | 0.002 | <0.2 | 2.46 | 21 | <10 | 150 | 0.6 | <2 | 0.12 | <0.5 | 10 | 35 | 19 | 2.81 | |
| W424784 | 0.32 | <0.001 | <0.2 | 2.19 | 21 | <10 | 140 | 0.5 | <2 | 0.11 | <0.5 | 10 | 32 | 15 | 2.80 | |
| W424785 | 0.52 | 0.011 | 0.4 | 2.39 | 41 | <10 | 210 | 0.7 | <2 | 0.32 | <0.5 | 13 | 43 | 28 | 3.16 | |
| W424786 | 0.47 | 0.717 | 2.8 | 0.59 | 763 | <10 | 50 | <0.5 | <2 | 0.05 | <0.5 | 7 | 12 | 25 | 2.58 | |
| W424787 | 0.42 | 0.227 | 2.3 | 0.78 | 466 | <10 | 40 | <0.5 | 2 | 0.04 | <0.5 | 4 | 14 | 16 | 2.31 | |
| W424788 | 0.40 | 0.998 | 4.4 | 0.53 | 1200 | <10 | 40 | <0.5 | 2 | 0.03 | <0.5 | 4 | 13 | 16 | 2.16 | |
| W424789 | 0.32 | 0.106 | 6.2 | 0.48 | 442 | <10 | 40 | <0.5 | <2 | 0.03 | <0.5 | 2 | 12 | 15 | 1.79 | |
| W424790 | 0.39 | 0.103 | 9.7 | 1.43 | 324 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 7 | 23 | 19 | 3.61 | |
| W424791 | 0.42 | 0.018 | 2.2 | 1.07 | 75 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 6 | 22 | 19 | 3.85 | |
| W424792 | 0.39 | 0.049 | 0.5 | 2.17 | 48 | <10 | 230 | 0.7 | <2 | 0.34 | 0.5 | 12 | 41 | 27 | 3.07 | |
| W424793 | 0.37 | 0.010 | 1.4 | 1.14 | 56 | <10 | 50 | <0.5 | <2 | 0.05 | <0.5 | 7 | 21 | 22 | 3.27 | |
| W424794 | 0.45 | 0.008 | 0.7 | 1.57 | 31 | <10 | 70 | <0.5 | <2 | 0.11 | <0.5 | 17 | 28 | 43 | 3.56 | |



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 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| | | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | |
| W422687 | | 10 | <1 | 0.05 | 20 | 0.30 | 269 | 2 | 0.01 | 16 | 630 | 30 | 0.05 | <2 | 1 | 11 |
| W422688 | | <10 | <1 | 0.05 | 20 | 0.07 | 96 | 2 | 0.01 | 10 | 770 | 49 | 0.06 | 3 | <1 | 10 |
| W422689 | | 10 | <1 | 0.07 | 30 | 0.24 | 221 | 2 | 0.01 | 13 | 800 | 110 | 0.06 | 5 | 1 | 9 |
| W422690 | | <10 | <1 | 0.05 | 30 | 0.28 | 246 | 2 | 0.01 | 16 | 740 | 160 | 0.05 | 12 | 1 | 12 |
| W424759 | | 10 | <1 | 0.15 | 20 | 0.72 | 727 | 1 | 0.03 | 23 | 1490 | 14 | 0.04 | <2 | 5 | 29 |
| W424760 | | 10 | <1 | 0.12 | 20 | 0.68 | 471 | 1 | 0.03 | 20 | 690 | 12 | 0.04 | <2 | 3 | 21 |
| W424761 | | 10 | <1 | 0.15 | 20 | 0.76 | 577 | 1 | 0.03 | 19 | 1190 | 14 | 0.04 | <2 | 5 | 35 |
| W424762 | | 10 | <1 | 0.19 | 30 | 1.03 | 668 | 1 | 0.02 | 36 | 880 | 18 | 0.05 | <2 | 6 | 29 |
| W424763 | | 10 | <1 | 0.08 | 10 | 0.26 | 280 | 2 | 0.01 | 14 | 1110 | 13 | 0.11 | <2 | 1 | 12 |
| W424764 | | 10 | <1 | 0.10 | 20 | 0.56 | 512 | 1 | 0.01 | 42 | 680 | 22 | 0.04 | <2 | 3 | 13 |
| W424765 | | 10 | <1 | 0.08 | 20 | 0.46 | 501 | 1 | 0.01 | 32 | 400 | 32 | 0.02 | <2 | 3 | 11 |
| W424766 | | 10 | <1 | 0.14 | 20 | 0.58 | 448 | 2 | 0.02 | 45 | 1460 | 15 | 0.10 | <2 | 3 | 21 |
| W424767 | | <10 | <1 | 0.05 | 10 | 0.29 | 184 | 1 | 0.01 | 14 | 670 | 11 | 0.07 | <2 | 1 | 9 |
| W424768 | | <10 | <1 | 0.05 | 20 | 0.32 | 135 | 1 | 0.01 | 12 | 930 | 16 | 0.10 | <2 | 1 | 10 |
| W424769 | | <10 | <1 | 0.04 | 20 | 0.35 | 268 | 1 | 0.01 | 20 | 1010 | 11 | 0.08 | <2 | 1 | 10 |
| W424770 | | <10 | <1 | 0.09 | 40 | 0.52 | 318 | 2 | 0.02 | 29 | 1050 | 19 | 0.10 | <2 | 2 | 24 |
| W424771 | | 10 | <1 | 0.45 | 20 | 1.33 | 1020 | 1 | 0.04 | 32 | 800 | 19 | 0.01 | <2 | 12 | 98 |
| W424772 | | 10 | <1 | 0.11 | 20 | 0.62 | 739 | 2 | 0.02 | 38 | 1250 | 12 | 0.11 | <2 | 2 | 18 |
| W424773 | | 10 | <1 | 0.25 | 30 | 0.67 | 724 | 2 | 0.02 | 41 | 1600 | 15 | 0.20 | <2 | 2 | 19 |
| W424774 | | 10 | <1 | 0.14 | 20 | 0.77 | 824 | 2 | 0.03 | 62 | 1310 | 23 | 0.10 | <2 | 5 | 33 |
| W424775 | | <10 | <1 | 0.07 | 10 | 0.47 | 206 | 2 | 0.02 | 28 | 1030 | 19 | 0.12 | <2 | 2 | 11 |
| W424776 | | 10 | <1 | 0.17 | 20 | 0.97 | 935 | 2 | 0.04 | 29 | 1090 | 22 | 0.05 | <2 | 6 | 68 |
| W424777 | | 10 | <1 | 0.12 | 10 | 0.31 | 116 | 1 | 0.03 | 6 | 910 | 8 | 0.13 | <2 | 1 | 41 |
| W424778 | | 10 | <1 | 0.10 | 20 | 0.93 | 1725 | 2 | 0.02 | 22 | 770 | 77 | 0.06 | <2 | 6 | 38 |
| W424779 | | 10 | <1 | 0.25 | 30 | 1.01 | 775 | 1 | 0.03 | 16 | 1190 | 22 | 0.02 | <2 | 9 | 32 |
| W424780 | | 10 | <1 | 0.21 | 30 | 0.90 | 1160 | 1 | 0.02 | 20 | 1280 | 64 | 0.02 | <2 | 10 | 42 |
| W424781 | | 10 | <1 | 0.08 | 20 | 0.62 | 580 | 1 | 0.02 | 29 | 1010 | 50 | 0.04 | <2 | 5 | 27 |
| W424782 | | 10 | <1 | 0.04 | 10 | 0.11 | 303 | 3 | 0.01 | 13 | 690 | 19 | 0.04 | <2 | 1 | 8 |
| W424783 | | 10 | <1 | 0.05 | 10 | 0.52 | 371 | 2 | 0.01 | 23 | 610 | 11 | 0.05 | <2 | 2 | 14 |
| W424784 | | 10 | <1 | 0.05 | 10 | 0.46 | 427 | 1 | 0.01 | 20 | 480 | 13 | 0.03 | <2 | 2 | 13 |
| W424785 | | 10 | <1 | 0.12 | 20 | 0.73 | 558 | 1 | 0.03 | 23 | 850 | 21 | 0.03 | <2 | 4 | 28 |
| W424786 | | <10 | <1 | 0.07 | 40 | 0.14 | 268 | 1 | 0.01 | 13 | 500 | 40 | 0.06 | 6 | 1 | 11 |
| W424787 | | <10 | <1 | 0.06 | 30 | 0.14 | 191 | 1 | 0.01 | 9 | 470 | 61 | 0.04 | 2 | 1 | 8 |
| W424788 | | <10 | <1 | 0.06 | 30 | 0.08 | 112 | 1 | 0.01 | 11 | 380 | 139 | 0.06 | 7 | 1 | 9 |
| W424789 | | <10 | <1 | 0.05 | 30 | 0.03 | 80 | 2 | 0.01 | 9 | 480 | 338 | 0.06 | 26 | <1 | 9 |
| W424790 | | <10 | <1 | 0.05 | 20 | 0.23 | 359 | 1 | 0.01 | 15 | 510 | 249 | 0.04 | 14 | 2 | 10 |
| W424791 | | 10 | <1 | 0.04 | 20 | 0.21 | 438 | 2 | 0.01 | 13 | 540 | 61 | 0.03 | 5 | 1 | 8 |
| W424792 | | 10 | <1 | 0.14 | 20 | 0.72 | 613 | 1 | 0.03 | 22 | 1190 | 17 | 0.03 | <2 | 5 | 26 |
| W424793 | | <10 | <1 | 0.05 | 20 | 0.19 | 445 | 2 | 0.01 | 15 | 700 | 43 | 0.03 | 3 | 1 | 8 |
| W424794 | | <10 | <1 | 0.07 | 20 | 0.50 | 529 | 2 | 0.02 | 22 | 800 | 49 | 0.04 | 3 | 2 | 14 |



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 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W422687 | | <20 | 0.04 | <10 | <10 | 58 | <10 | 63 |
| W422688 | | <20 | 0.03 | <10 | <10 | 44 | <10 | 66 |
| W422689 | | <20 | 0.03 | <10 | <10 | 47 | <10 | 110 |
| W422690 | | <20 | 0.03 | <10 | <10 | 32 | <10 | 108 |
| W424759 | | <20 | 0.10 | <10 | <10 | 60 | <10 | 88 |
| W424760 | | <20 | 0.11 | <10 | <10 | 57 | 10 | 69 |
| W424761 | | <20 | 0.10 | <10 | <10 | 59 | <10 | 79 |
| W424762 | | <20 | 0.10 | <10 | <10 | 74 | <10 | 96 |
| W424763 | | <20 | 0.06 | <10 | <10 | 53 | <10 | 45 |
| W424764 | | <20 | 0.07 | <10 | <10 | 56 | <10 | 92 |
| W424765 | | <20 | 0.06 | <10 | <10 | 52 | <10 | 92 |
| W424766 | | <20 | 0.07 | <10 | <10 | 52 | <10 | 94 |
| W424767 | | <20 | 0.03 | <10 | <10 | 37 | <10 | 45 |
| W424768 | | <20 | 0.02 | <10 | <10 | 29 | <10 | 49 |
| W424769 | | <20 | 0.02 | <10 | <10 | 34 | <10 | 53 |
| W424770 | | <20 | 0.04 | <10 | <10 | 38 | <10 | 69 |
| W424771 | | <20 | 0.08 | <10 | <10 | 82 | <10 | 96 |
| W424772 | | <20 | 0.05 | <10 | <10 | 51 | <10 | 84 |
| W424773 | | <20 | 0.05 | <10 | <10 | 45 | <10 | 89 |
| W424774 | | <20 | 0.07 | <10 | <10 | 60 | 10 | 104 |
| W424775 | | <20 | 0.04 | <10 | <10 | 52 | <10 | 68 |
| W424776 | | <20 | 0.12 | <10 | <10 | 66 | 10 | 97 |
| W424777 | | <20 | 0.08 | <10 | <10 | 39 | <10 | 29 |
| W424778 | | <20 | 0.08 | <10 | <10 | 66 | 10 | 133 |
| W424779 | | <20 | 0.12 | <10 | <10 | 73 | <10 | 104 |
| W424780 | | <20 | 0.09 | <10 | <10 | 70 | 10 | 170 |
| W424781 | | <20 | 0.06 | <10 | <10 | 59 | <10 | 109 |
| W424782 | | <20 | 0.05 | <10 | <10 | 91 | <10 | 51 |
| W424783 | | <20 | 0.06 | <10 | <10 | 55 | <10 | 91 |
| W424784 | | <20 | 0.07 | <10 | <10 | 58 | <10 | 68 |
| W424785 | | <20 | 0.10 | <10 | <10 | 63 | <10 | 88 |
| W424786 | | <20 | 0.01 | <10 | <10 | 17 | <10 | 47 |
| W424787 | | <20 | 0.02 | <10 | <10 | 31 | <10 | 38 |
| W424788 | | <20 | 0.02 | <10 | <10 | 22 | <10 | 48 |
| W424789 | | <20 | 0.02 | <10 | <10 | 37 | <10 | 45 |
| W424790 | | <20 | 0.03 | <10 | <10 | 43 | <10 | 81 |
| W424791 | | <20 | 0.05 | <10 | <10 | 44 | <10 | 70 |
| W424792 | | <20 | 0.10 | <10 | <10 | 60 | <10 | 86 |
| W424793 | | <20 | 0.03 | <10 | <10 | 45 | <10 | 72 |
| W424794 | | <20 | 0.05 | <10 | <10 | 47 | <10 | 84 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| | LOR | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W424795 | | 0.45 | 0.006 | 1.5 | 0.92 | 29 | <10 | 40 | <0.5 | <2 | 0.03 | <0.5 | 6 | 23 | 30 | 3.39 |
| W424796 | | 0.41 | 0.009 | 1.6 | 0.56 | 18 | <10 | 40 | <0.5 | 2 | 0.04 | <0.5 | 5 | 15 | 20 | 2.10 |
| W424797 | | 0.40 | 0.008 | 0.5 | 1.53 | 24 | <10 | 80 | 0.5 | <2 | 0.08 | <0.5 | 9 | 27 | 23 | 3.16 |
| W424798 | | 0.33 | 0.002 | 0.3 | 1.39 | 15 | <10 | 110 | <0.5 | <2 | 0.08 | <0.5 | 6 | 27 | 18 | 2.88 |
| W424799 | | 0.22 | 0.010 | 0.6 | 1.06 | 25 | <10 | 160 | <0.5 | 2 | 0.12 | <0.5 | 7 | 22 | 21 | 2.31 |
| W424800 | | 0.30 | 0.037 | 8.7 | 0.89 | 152 | <10 | 40 | <0.5 | <2 | 0.03 | <0.5 | 4 | 14 | 22 | 2.16 |
| W424801 | | 0.59 | 0.302 | 1.8 | 2.31 | 2220 | <10 | 200 | 1.4 | 17 | 0.43 | 0.5 | 22 | 62 | 58 | 4.96 |
| W424802 | | 0.40 | 0.012 | 0.5 | 2.18 | 1045 | <10 | 140 | 0.7 | <2 | 0.09 | <0.5 | 15 | 48 | 72 | 5.72 |
| W424803 | | 0.48 | 0.032 | 0.4 | 2.78 | 1375 | <10 | 240 | 1.1 | <2 | 0.48 | <0.5 | 26 | 67 | 67 | 6.07 |
| W424804 | | 0.54 | 0.003 | <0.2 | 1.57 | 20 | <10 | 90 | 0.5 | <2 | 0.09 | <0.5 | 10 | 28 | 21 | 3.06 |
| W424805 | | 0.54 | 0.006 | 0.2 | 1.69 | 24 | <10 | 80 | 0.8 | <2 | 0.07 | <0.5 | 15 | 27 | 41 | 3.90 |
| W424806 | | 0.52 | 0.010 | 0.2 | 1.35 | 24 | <10 | 70 | 0.6 | <2 | 0.08 | <0.5 | 14 | 25 | 40 | 4.03 |
| W424807 | | 0.51 | 0.018 | 0.2 | 1.70 | 34 | <10 | 70 | 0.6 | <2 | 0.08 | <0.5 | 10 | 28 | 35 | 3.86 |
| W424808 | | 0.45 | 0.034 | 0.3 | 2.21 | 303 | <10 | 160 | 0.7 | <2 | 0.19 | <0.5 | 16 | 54 | 54 | 4.09 |
| W424809 | | 0.46 | 0.048 | 0.5 | 1.95 | 454 | <10 | 180 | 0.9 | <2 | 0.07 | <0.5 | 25 | 37 | 47 | 4.17 |
| W424810 | | 0.40 | 0.011 | 0.5 | 2.91 | 520 | <10 | 370 | 1.3 | <2 | 0.24 | <0.5 | 33 | 60 | 49 | 5.33 |
| W424811 | | 0.28 | 0.015 | 0.3 | 2.54 | 113 | <10 | 180 | 0.8 | <2 | 0.42 | <0.5 | 15 | 41 | 30 | 2.86 |
| W424812 | | 0.41 | 0.010 | 0.6 | 1.77 | 344 | <10 | 170 | 1.1 | 4 | 0.60 | <0.5 | 20 | 32 | 22 | 3.54 |
| W424813 | | 0.41 | 0.055 | 0.6 | 2.16 | 190 | <10 | 170 | 1.0 | 4 | 0.43 | 0.6 | 19 | 55 | 28 | 3.76 |
| W424814 | | 0.41 | 0.015 | 0.3 | 2.55 | 167 | <10 | 340 | 1.1 | 3 | 0.46 | <0.5 | 19 | 92 | 26 | 4.03 |
| W424815 | | 0.50 | 0.010 | <0.2 | 2.72 | 56 | <10 | 290 | 1.2 | <2 | 0.51 | <0.5 | 16 | 70 | 21 | 3.91 |
| W424816 | | 0.47 | 0.012 | 0.2 | 2.66 | 85 | <10 | 280 | 1.1 | <2 | 0.25 | <0.5 | 17 | 56 | 37 | 4.80 |
| W424817 | | 0.40 | 0.035 | 1.2 | 1.03 | 204 | <10 | 60 | <0.5 | <2 | 0.12 | 0.5 | 15 | 31 | 42 | 4.17 |
| W424818 | | 0.46 | 0.018 | 0.8 | 1.09 | 106 | <10 | 50 | 0.5 | <2 | 0.09 | <0.5 | 19 | 30 | 47 | 3.67 |
| W424819 | | 0.37 | 0.030 | 0.5 | 1.27 | 104 | <10 | 60 | <0.5 | <2 | 0.07 | <0.5 | 6 | 31 | 36 | 4.26 |
| W424820 | | 0.42 | 0.011 | 0.2 | 2.33 | 46 | <10 | 140 | 0.7 | <2 | 0.25 | <0.5 | 11 | 40 | 27 | 3.00 |
| W424821 | | 0.48 | 0.059 | 36.9 | 2.36 | 310 | <10 | 240 | 0.9 | 3 | 0.38 | 3.3 | 17 | 84 | 47 | 3.56 |
| W424822 | | 0.37 | 0.012 | 0.9 | 1.82 | 112 | <10 | 80 | 0.5 | 3 | 0.12 | <0.5 | 9 | 48 | 21 | 2.81 |
| W424823 | | 0.47 | 0.013 | 0.5 | 1.95 | 56 | <10 | 220 | 0.7 | 3 | 0.36 | 0.7 | 15 | 43 | 30 | 3.24 |
| W424824 | | 0.53 | 0.015 | 0.2 | 2.52 | 118 | <10 | 230 | 1.3 | <2 | 0.41 | <0.5 | 33 | 80 | 43 | 4.53 |
| W424825 | | 0.41 | 0.006 | 0.3 | 1.21 | 35 | <10 | 70 | <0.5 | <2 | 0.09 | <0.5 | 6 | 34 | 15 | 2.65 |
| W424826 | | 0.27 | 0.017 | 0.8 | 1.28 | 503 | <10 | 90 | 0.5 | 4 | 0.06 | <0.5 | 6 | 24 | 38 | 3.67 |
| W424827 | | 0.29 | 0.020 | 1.0 | 1.01 | 275 | <10 | 60 | <0.5 | 2 | 0.05 | <0.5 | 4 | 17 | 31 | 2.07 |
| W424828 | | 0.38 | 0.033 | 0.4 | 1.54 | 336 | <10 | 80 | 0.5 | 3 | 0.06 | <0.5 | 7 | 26 | 23 | 3.32 |
| W424829 | | 0.38 | 0.019 | 0.4 | 1.47 | 253 | <10 | 90 | 0.7 | <2 | 0.07 | <0.5 | 16 | 24 | 41 | 3.69 |
| W424830 | | 0.31 | 0.010 | 0.5 | 1.49 | 301 | <10 | 80 | 0.7 | <2 | 0.05 | 0.8 | 13 | 23 | 42 | 4.12 |
| W424831 | | 0.42 | 0.006 | 0.3 | 1.75 | 112 | <10 | 70 | 0.5 | <2 | 0.07 | <0.5 | 15 | 26 | 43 | 4.06 |
| W424832 | | 0.36 | 0.010 | 0.8 | 1.65 | 190 | <10 | 70 | 0.6 | <2 | 0.07 | <0.5 | 11 | 26 | 47 | 4.26 |
| W424833 | | 0.57 | 0.007 | 0.5 | 1.22 | 226 | <10 | 60 | 0.6 | 2 | 0.08 | <0.5 | 11 | 22 | 49 | 4.46 |
| W424834 | | 0.46 | 0.006 | 0.3 | 1.51 | 173 | <10 | 60 | 0.5 | <2 | 0.07 | <0.5 | 7 | 26 | 41 | 4.01 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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 SUITE 1100 - 1111 MELVILLE STREET
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Project: RC PROPERTY

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| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| | Analyte | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| Units | | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| LOR | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W424795 | | 10 | <1 | 0.06 | 20 | 0.13 | 193 | 2 | 0.01 | 16 | 670 | 32 | 0.05 | 2 | 1 | 9 |
| W424796 | | <10 | <1 | 0.04 | 20 | 0.11 | 131 | 1 | 0.01 | 12 | 440 | 20 | 0.03 | 2 | 1 | 8 |
| W424797 | | <10 | <1 | 0.06 | 20 | 0.35 | 379 | 1 | 0.01 | 18 | 740 | 24 | 0.04 | <2 | 1 | 11 |
| W424798 | | 10 | <1 | 0.05 | 10 | 0.30 | 260 | 1 | 0.01 | 15 | 760 | 14 | 0.06 | <2 | 1 | 14 |
| W424799 | | <10 | <1 | 0.05 | 10 | 0.32 | 206 | 1 | 0.01 | 17 | 570 | 16 | 0.03 | <2 | 1 | 15 |
| W424800 | | <10 | <1 | 0.04 | 20 | 0.07 | 94 | 1 | 0.01 | 11 | 510 | 153 | 0.04 | 15 | 1 | 7 |
| W424801 | | 10 | <1 | 0.26 | 30 | 1.07 | 1010 | 1 | 0.03 | 18 | 1220 | 37 | 0.07 | <2 | 9 | 49 |
| W424802 | | 10 | <1 | 0.13 | 20 | 0.55 | 405 | 2 | 0.05 | 26 | 1480 | 16 | 0.31 | <2 | 3 | 31 |
| W424803 | | 10 | <1 | 0.28 | 30 | 0.98 | 663 | 1 | 0.05 | 36 | 1350 | 16 | 0.11 | <2 | 10 | 54 |
| W424804 | | <10 | <1 | 0.04 | 10 | 0.38 | 383 | 1 | 0.01 | 21 | 580 | 12 | 0.03 | <2 | 2 | 11 |
| W424805 | | <10 | <1 | 0.08 | 30 | 0.54 | 292 | 1 | 0.01 | 38 | 670 | 12 | 0.05 | <2 | 2 | 15 |
| W424806 | | <10 | <1 | 0.04 | 30 | 0.47 | 267 | 1 | 0.01 | 31 | 630 | 11 | 0.02 | <2 | 2 | 11 |
| W424807 | | <10 | <1 | 0.06 | 20 | 0.50 | 338 | 1 | 0.01 | 21 | 660 | 13 | 0.05 | <2 | 1 | 13 |
| W424808 | | 10 | <1 | 0.11 | 20 | 0.66 | 508 | 1 | 0.02 | 32 | 950 | 21 | 0.06 | <2 | 4 | 20 |
| W424809 | | <10 | <1 | 0.10 | 20 | 0.58 | 1010 | 1 | 0.01 | 41 | 890 | 21 | 0.11 | <2 | 2 | 16 |
| W424810 | | 10 | <1 | 0.40 | 30 | 1.02 | 838 | 1 | 0.02 | 51 | 990 | 15 | 0.06 | <2 | 9 | 32 |
| W424811 | | 10 | <1 | 0.13 | 20 | 0.81 | 558 | 1 | 0.05 | 21 | 1030 | 16 | 0.03 | <2 | 4 | 52 |
| W424812 | | 10 | <1 | 0.24 | 30 | 0.68 | 1180 | 1 | 0.02 | 12 | 1440 | 18 | <0.01 | <2 | 14 | 41 |
| W424813 | | 10 | <1 | 0.26 | 30 | 0.87 | 943 | 1 | 0.02 | 16 | 1200 | 26 | 0.02 | <2 | 9 | 44 |
| W424814 | | 10 | <1 | 0.41 | 20 | 1.28 | 764 | 1 | 0.02 | 20 | 1360 | 17 | 0.02 | <2 | 10 | 37 |
| W424815 | | 10 | <1 | 0.29 | 20 | 1.06 | 828 | <1 | 0.02 | 14 | 1160 | 14 | 0.02 | <2 | 11 | 44 |
| W424816 | | 10 | <1 | 0.26 | 30 | 0.83 | 734 | 1 | 0.01 | 31 | 940 | 18 | 0.04 | <2 | 8 | 25 |
| W424817 | | <10 | <1 | 0.04 | 20 | 0.26 | 334 | 2 | 0.01 | 26 | 990 | 67 | 0.03 | 2 | 3 | 14 |
| W424818 | | <10 | <1 | 0.05 | 30 | 0.24 | 457 | 2 | 0.01 | 28 | 870 | 32 | 0.02 | <2 | 2 | 10 |
| W424819 | | 10 | <1 | 0.05 | 20 | 0.32 | 229 | 2 | 0.01 | 18 | 680 | 31 | 0.04 | <2 | 2 | 10 |
| W424820 | | 10 | <1 | 0.09 | 20 | 0.66 | 502 | 1 | 0.03 | 22 | 940 | 17 | 0.04 | <2 | 4 | 23 |
| W424821 | | 10 | <1 | 0.20 | 20 | 1.04 | 798 | 1 | 0.02 | 32 | 1100 | 661 | 0.05 | <2 | 7 | 44 |
| W424822 | | 10 | <1 | 0.07 | 10 | 0.51 | 304 | 1 | 0.02 | 20 | 560 | 60 | 0.04 | <2 | 3 | 15 |
| W424823 | | <10 | <1 | 0.20 | 20 | 0.75 | 489 | 1 | 0.03 | 28 | 1000 | 15 | 0.03 | <2 | 5 | 31 |
| W424824 | | 10 | <1 | 0.41 | 30 | 1.05 | 771 | 2 | 0.02 | 46 | 950 | 20 | 0.04 | <2 | 9 | 53 |
| W424825 | | 10 | <1 | 0.06 | 10 | 0.33 | 240 | 2 | 0.01 | 14 | 560 | 33 | 0.06 | <2 | 2 | 11 |
| W424826 | | <10 | <1 | 0.13 | 20 | 0.29 | 212 | 2 | 0.02 | 15 | 770 | 11 | 0.13 | <2 | 1 | 21 |
| W424827 | | <10 | <1 | 0.06 | 20 | 0.16 | 120 | 1 | 0.01 | 11 | 810 | 7 | 0.10 | <2 | <1 | 13 |
| W424828 | | 10 | <1 | 0.06 | 10 | 0.32 | 259 | 2 | 0.01 | 16 | 480 | 13 | 0.05 | <2 | 2 | 14 |
| W424829 | | <10 | <1 | 0.09 | 30 | 0.41 | 447 | 1 | 0.02 | 28 | 720 | 18 | 0.06 | <2 | 2 | 20 |
| W424830 | | <10 | <1 | 0.08 | 30 | 0.43 | 388 | 1 | 0.02 | 26 | 710 | 53 | 0.07 | 2 | 1 | 22 |
| W424831 | | 10 | <1 | 0.08 | 30 | 0.51 | 608 | 1 | 0.02 | 24 | 1030 | 22 | 0.06 | <2 | 2 | 21 |
| W424832 | | <10 | <1 | 0.07 | 30 | 0.52 | 402 | 1 | 0.02 | 23 | 860 | 31 | 0.06 | <2 | 2 | 25 |
| W424833 | | <10 | <1 | 0.06 | 40 | 0.43 | 319 | 1 | 0.02 | 25 | 710 | 19 | 0.04 | <2 | 2 | 22 |
| W424834 | | <10 | <1 | 0.05 | 40 | 0.49 | 283 | 1 | 0.02 | 18 | 770 | 18 | 0.05 | <2 | 1 | 26 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W424795 | | <20 | 0.04 | <10 | <10 | 51 | <10 | 53 |
| W424796 | | <20 | 0.02 | <10 | <10 | 30 | <10 | 46 |
| W424797 | | <20 | 0.04 | <10 | <10 | 46 | <10 | 71 |
| W424798 | | <20 | 0.04 | <10 | <10 | 51 | <10 | 51 |
| W424799 | | <20 | 0.03 | <10 | <10 | 30 | <10 | 55 |
| W424800 | | <20 | 0.02 | <10 | <10 | 31 | <10 | 39 |
| W424801 | | <20 | 0.08 | <10 | <10 | 70 | 40 | 98 |
| W424802 | | <20 | 0.04 | <10 | <10 | 59 | <10 | 68 |
| W424803 | | <20 | 0.10 | <10 | <10 | 80 | 10 | 109 |
| W424804 | | <20 | 0.05 | <10 | <10 | 50 | <10 | 74 |
| W424805 | | <20 | 0.03 | <10 | <10 | 33 | <10 | 75 |
| W424806 | | <20 | 0.03 | <10 | <10 | 32 | <10 | 63 |
| W424807 | | <20 | 0.05 | <10 | <10 | 46 | <10 | 66 |
| W424808 | | <20 | 0.07 | <10 | <10 | 57 | <10 | 89 |
| W424809 | | <20 | 0.04 | <10 | <10 | 50 | <10 | 97 |
| W424810 | | <20 | 0.09 | <10 | <10 | 76 | <10 | 100 |
| W424811 | | <20 | 0.13 | <10 | <10 | 61 | <10 | 90 |
| W424812 | | <20 | 0.09 | <10 | <10 | 64 | <10 | 81 |
| W424813 | | <20 | 0.09 | <10 | <10 | 71 | <10 | 90 |
| W424814 | | <20 | 0.12 | <10 | <10 | 84 | <10 | 95 |
| W424815 | | <20 | 0.09 | <10 | <10 | 78 | <10 | 81 |
| W424816 | | <20 | 0.08 | <10 | <10 | 76 | <10 | 119 |
| W424817 | | <20 | 0.04 | <10 | <10 | 57 | <10 | 93 |
| W424818 | | <20 | 0.03 | <10 | <10 | 51 | <10 | 116 |
| W424819 | | <20 | 0.04 | <10 | <10 | 53 | <10 | 84 |
| W424820 | | <20 | 0.08 | <10 | <10 | 59 | 10 | 91 |
| W424821 | | <20 | 0.10 | <10 | <10 | 71 | 10 | 282 |
| W424822 | | <20 | 0.08 | <10 | <10 | 57 | 10 | 90 |
| W424823 | | <20 | 0.12 | <10 | <10 | 56 | <10 | 111 |
| W424824 | | <20 | 0.09 | <10 | <10 | 67 | <10 | 119 |
| W424825 | | <20 | 0.09 | <10 | <10 | 62 | <10 | 52 |
| W424826 | | <20 | 0.04 | <10 | <10 | 36 | 20 | 51 |
| W424827 | | <20 | 0.03 | <10 | <10 | 32 | 10 | 32 |
| W424828 | | <20 | 0.05 | <10 | <10 | 45 | <10 | 55 |
| W424829 | | <20 | 0.03 | <10 | <10 | 32 | <10 | 78 |
| W424830 | | <20 | 0.02 | <10 | <10 | 28 | <10 | 94 |
| W424831 | | <20 | 0.03 | <10 | <10 | 32 | <10 | 87 |
| W424832 | | <20 | 0.03 | <10 | <10 | 31 | <10 | 88 |
| W424833 | | <20 | 0.03 | <10 | <10 | 25 | <10 | 80 |
| W424834 | | <20 | 0.03 | <10 | <10 | 31 | <10 | 72 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| | LOR | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W424835 | | 0.58 | 0.008 | 0.4 | 1.47 | 140 | <10 | 60 | 0.5 | <2 | 0.08 | <0.5 | 8 | 24 | 40 | 3.93 |
| W424836 | | 0.47 | <0.001 | 0.2 | 1.52 | 86 | <10 | 60 | <0.5 | <2 | 0.06 | <0.5 | 8 | 25 | 25 | 4.00 |
| W424837 | | 0.49 | 0.055 | 0.3 | 1.50 | 294 | <10 | 80 | 0.6 | <2 | 0.04 | <0.5 | 10 | 23 | 46 | 4.66 |
| W424838 | | 0.52 | 0.006 | 0.5 | 1.52 | 240 | <10 | 50 | 0.6 | <2 | 0.05 | <0.5 | 15 | 24 | 44 | 4.43 |
| W424839 | | 0.34 | 0.002 | 0.2 | 1.40 | 61 | <10 | 60 | <0.5 | <2 | 0.07 | <0.5 | 11 | 27 | 23 | 3.82 |
| W424840 | | 0.40 | 0.106 | 0.3 | 1.63 | 490 | <10 | 110 | 0.7 | <2 | 0.08 | <0.5 | 11 | 30 | 28 | 3.20 |
| W424841 | | 0.47 | 0.022 | 0.2 | 1.53 | 294 | <10 | 90 | 0.5 | <2 | 0.09 | <0.5 | 8 | 25 | 22 | 2.85 |
| W424842 | | 0.48 | 0.008 | <0.2 | 1.36 | 206 | <10 | 60 | <0.5 | <2 | 0.05 | <0.5 | 5 | 24 | 18 | 2.66 |
| W424843 | | 0.47 | 0.019 | 0.6 | 1.48 | 281 | <10 | 80 | 0.5 | <2 | 0.07 | <0.5 | 10 | 26 | 33 | 3.31 |
| W424844 | | 0.48 | 0.017 | 0.5 | 1.36 | 106 | <10 | 80 | <0.5 | <2 | 0.09 | <0.5 | 10 | 24 | 26 | 3.16 |
| W424845 | | 0.44 | 0.017 | 0.3 | 1.50 | 82 | <10 | 90 | <0.5 | <2 | 0.10 | <0.5 | 10 | 30 | 23 | 3.27 |
| W424846 | | 0.43 | 0.012 | 0.3 | 1.41 | 103 | <10 | 90 | <0.5 | <2 | 0.06 | <0.5 | 9 | 27 | 27 | 3.57 |
| W424847 | | 0.46 | 0.007 | 0.3 | 1.50 | 74 | <10 | 70 | <0.5 | <2 | 0.06 | <0.5 | 9 | 25 | 23 | 3.54 |
| W424848 | | 0.46 | 0.004 | 0.6 | 1.22 | 59 | <10 | 60 | <0.5 | <2 | 0.05 | <0.5 | 10 | 25 | 26 | 3.65 |
| W424849 | | 0.42 | 0.021 | 0.5 | 1.45 | 79 | <10 | 60 | <0.5 | <2 | 0.06 | <0.5 | 6 | 27 | 15 | 3.73 |
| W424850 | | 0.33 | 0.002 | 2.2 | 1.19 | 38 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 4 | 23 | 10 | 3.34 |
| W424851 | | 0.34 | 0.019 | 2.1 | 1.14 | 156 | <10 | 50 | <0.5 | <2 | 0.05 | <0.5 | 5 | 21 | 18 | 3.23 |
| W424852 | | 0.39 | 0.001 | <0.2 | 1.33 | 76 | <10 | 50 | <0.5 | <2 | 0.05 | <0.5 | 6 | 22 | 24 | 3.48 |
| W424853 | | 0.30 | 0.047 | 0.5 | 1.95 | 555 | <10 | 110 | 0.8 | <2 | 0.06 | <0.5 | 11 | 34 | 30 | 4.28 |
| W424854 | | 0.29 | 0.015 | 0.4 | 1.59 | 432 | <10 | 110 | 0.6 | 2 | 0.05 | <0.5 | 6 | 25 | 29 | 3.18 |
| W424855 | | 0.33 | 0.009 | 0.6 | 1.19 | 437 | <10 | 110 | <0.5 | 2 | 0.06 | <0.5 | 7 | 23 | 23 | 3.22 |
| W424856 | | 0.46 | 0.012 | 0.3 | 1.79 | 366 | <10 | 100 | 0.7 | <2 | 0.08 | <0.5 | 14 | 30 | 35 | 3.44 |
| W424857 | | 0.47 | 0.011 | 0.4 | 1.39 | 143 | <10 | 80 | 0.5 | <2 | 0.07 | <0.5 | 11 | 25 | 33 | 3.69 |
| W424858 | | 0.36 | 0.007 | 1.2 | 1.50 | 127 | <10 | 70 | 0.5 | <2 | 0.04 | <0.5 | 13 | 24 | 36 | 3.66 |
| W424859 | | 0.42 | 0.009 | 1.0 | 1.52 | 133 | <10 | 70 | 0.6 | <2 | 0.05 | <0.5 | 20 | 26 | 46 | 4.37 |
| W424860 | | 0.49 | 0.009 | 0.7 | 1.10 | 132 | <10 | 50 | <0.5 | <2 | 0.12 | <0.5 | 17 | 22 | 30 | 3.66 |
| W424861 | | 0.54 | 0.005 | 0.6 | 1.03 | 81 | <10 | 40 | <0.5 | <2 | 0.03 | <0.5 | 11 | 24 | 35 | 4.13 |
| W424862 | | 0.41 | 0.002 | 0.4 | 1.44 | 48 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 7 | 26 | 16 | 3.59 |
| W424863 | | 0.50 | 0.004 | 0.4 | 1.61 | 81 | <10 | 90 | <0.5 | <2 | 0.09 | <0.5 | 14 | 26 | 26 | 3.08 |
| W424864 | | 0.36 | 0.010 | 0.6 | 1.41 | 102 | <10 | 60 | <0.5 | <2 | 0.06 | <0.5 | 5 | 23 | 12 | 2.99 |
| W424865 | | 0.38 | 0.009 | 0.5 | 1.62 | 51 | <10 | 60 | <0.5 | <2 | 0.11 | <0.5 | 13 | 30 | 42 | 3.75 |
| W424866 | | 0.43 | 0.007 | 0.9 | 1.59 | 83 | <10 | 70 | <0.5 | <2 | 0.06 | <0.5 | 8 | 27 | 18 | 3.45 |
| W424867 | | 0.46 | 0.017 | 3.0 | 1.48 | 152 | <10 | 60 | 0.5 | <2 | 0.04 | 0.6 | 13 | 23 | 32 | 4.27 |
| W424868 | | 0.40 | 0.019 | 3.7 | 0.76 | 95 | <10 | 40 | <0.5 | <2 | 0.04 | <0.5 | 5 | 17 | 18 | 3.07 |
| W424869 | | 0.41 | 0.019 | 2.0 | 1.04 | 29 | <10 | 50 | <0.5 | <2 | 0.03 | <0.5 | 4 | 19 | 24 | 3.51 |
| W424870 | | 0.41 | 0.009 | 0.6 | 1.92 | 57 | <10 | 70 | <0.5 | <2 | 0.06 | <0.5 | 9 | 26 | 17 | 3.22 |
| W424871 | | 0.45 | 0.019 | 1.6 | 1.23 | 88 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 11 | 22 | 40 | 3.66 |
| W424872 | | 0.44 | 0.008 | 0.6 | 2.27 | 16 | <10 | 110 | 0.5 | <2 | 0.09 | <0.5 | 9 | 35 | 25 | 3.51 |
| W424873 | | 0.47 | 0.024 | 0.4 | 0.96 | 51 | <10 | 50 | 0.5 | 2 | 0.12 | 0.6 | 7 | 19 | 27 | 2.87 |
| W424874 | | 0.42 | 0.003 | 0.8 | 1.07 | 20 | <10 | 60 | <0.5 | <2 | 0.03 | <0.5 | 4 | 23 | 23 | 2.82 |



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 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W424835 | | 10 | <1 | 0.06 | 30 | 0.44 | 293 | 1 | 0.02 | 18 | 880 | 17 | 0.05 | <2 | 1 | 24 |
| W424836 | | 10 | <1 | 0.05 | 20 | 0.31 | 381 | 2 | 0.01 | 20 | 510 | 19 | 0.03 | 3 | 2 | 11 |
| W424837 | | 10 | <1 | 0.06 | 30 | 0.38 | 419 | 1 | 0.01 | 26 | 700 | 25 | 0.05 | 2 | 1 | 18 |
| W424838 | | 10 | <1 | 0.05 | 30 | 0.41 | 494 | 1 | 0.01 | 26 | 820 | 34 | 0.05 | <2 | 1 | 18 |
| W424839 | | 10 | <1 | 0.05 | 20 | 0.32 | 445 | 1 | 0.01 | 18 | 570 | 23 | 0.04 | 2 | 1 | 10 |
| W424840 | | 10 | 1 | 0.08 | 20 | 0.45 | 305 | 1 | 0.02 | 23 | 620 | 10 | 0.06 | 2 | 2 | 18 |
| W424841 | | <10 | 1 | 0.06 | 20 | 0.39 | 269 | 1 | 0.01 | 18 | 600 | 9 | 0.03 | <2 | 2 | 14 |
| W424842 | | 10 | 1 | 0.05 | 10 | 0.29 | 197 | 1 | 0.01 | 14 | 590 | 9 | 0.04 | <2 | 1 | 11 |
| W424843 | | <10 | <1 | 0.07 | 20 | 0.39 | 308 | 1 | 0.01 | 20 | 710 | 15 | 0.05 | 2 | 1 | 16 |
| W424844 | | <10 | 1 | 0.04 | 20 | 0.39 | 366 | 1 | 0.01 | 22 | 640 | 17 | 0.02 | 2 | 2 | 12 |
| W424845 | | <10 | <1 | 0.05 | 20 | 0.42 | 385 | 1 | 0.01 | 22 | 680 | 17 | 0.03 | <2 | 2 | 13 |
| W424846 | | 10 | <1 | 0.05 | 20 | 0.35 | 327 | 1 | 0.01 | 23 | 690 | 24 | 0.03 | 2 | 1 | 11 |
| W424847 | | 10 | <1 | 0.05 | 20 | 0.34 | 323 | 1 | 0.01 | 18 | 670 | 17 | 0.02 | 2 | 1 | 10 |
| W424848 | | 10 | <1 | 0.05 | 20 | 0.28 | 309 | 2 | 0.01 | 24 | 630 | 19 | 0.03 | 2 | 1 | 9 |
| W424849 | | 10 | <1 | 0.04 | 20 | 0.27 | 283 | 2 | 0.01 | 13 | 490 | 26 | 0.03 | <2 | 2 | 9 |
| W424850 | | 10 | <1 | 0.03 | 10 | 0.18 | 297 | 1 | 0.01 | 10 | 510 | 29 | 0.03 | 2 | 2 | 9 |
| W424851 | | 10 | <1 | 0.04 | 20 | 0.16 | 197 | 1 | 0.01 | 14 | 580 | 49 | 0.04 | 7 | 1 | 9 |
| W424852 | | 10 | <1 | 0.06 | 20 | 0.25 | 297 | 1 | 0.01 | 17 | 520 | 18 | 0.03 | 2 | 1 | 11 |
| W424853 | | 10 | <1 | 0.09 | 20 | 0.46 | 368 | 2 | 0.02 | 22 | 570 | 13 | 0.07 | <2 | 2 | 19 |
| W424854 | | 10 | <1 | 0.08 | 20 | 0.32 | 206 | 1 | 0.02 | 15 | 670 | 13 | 0.09 | 3 | 1 | 19 |
| W424855 | | 10 | <1 | 0.07 | 20 | 0.26 | 416 | 1 | 0.02 | 14 | 680 | 13 | 0.08 | 2 | 1 | 17 |
| W424856 | | 10 | <1 | 0.08 | 20 | 0.40 | 503 | 1 | 0.02 | 22 | 700 | 16 | 0.06 | 3 | 1 | 17 |
| W424857 | | <10 | 1 | 0.05 | 20 | 0.39 | 336 | 1 | 0.01 | 27 | 610 | 17 | 0.02 | <2 | 2 | 13 |
| W424858 | | 10 | <1 | 0.06 | 20 | 0.28 | 266 | 1 | 0.01 | 33 | 900 | 22 | 0.05 | 2 | 1 | 12 |
| W424859 | | <10 | <1 | 0.07 | 20 | 0.37 | 499 | 2 | 0.01 | 41 | 860 | 25 | 0.05 | 3 | 2 | 12 |
| W424860 | | <10 | <1 | 0.04 | 20 | 0.29 | 465 | 1 | 0.01 | 35 | 770 | 26 | 0.02 | <2 | 2 | 12 |
| W424861 | | <10 | <1 | 0.05 | 20 | 0.26 | 320 | 1 | 0.01 | 28 | 840 | 20 | 0.05 | <2 | 1 | 9 |
| W424862 | | 10 | <1 | 0.04 | 10 | 0.26 | 305 | 1 | 0.01 | 15 | 490 | 17 | 0.02 | <2 | 2 | 9 |
| W424863 | | <10 | 1 | 0.05 | 20 | 0.39 | 559 | 1 | 0.01 | 28 | 610 | 19 | 0.02 | <2 | 2 | 11 |
| W424864 | | 10 | <1 | 0.03 | 10 | 0.21 | 232 | 1 | 0.01 | 11 | 410 | 17 | 0.02 | 2 | 2 | 9 |
| W424865 | | 10 | <1 | 0.07 | 20 | 0.49 | 548 | 2 | 0.02 | 26 | 900 | 76 | 0.05 | <2 | 2 | 15 |
| W424866 | | 10 | 1 | 0.05 | 10 | 0.29 | 410 | 1 | 0.01 | 15 | 600 | 72 | 0.03 | 3 | 1 | 9 |
| W424867 | | 10 | <1 | 0.06 | 20 | 0.28 | 938 | 1 | 0.01 | 21 | 720 | 177 | 0.05 | 4 | 1 | 10 |
| W424868 | | <10 | <1 | 0.03 | 20 | 0.12 | 355 | 1 | 0.01 | 11 | 420 | 123 | 0.03 | 7 | 1 | 7 |
| W424869 | | 10 | <1 | 0.04 | 20 | 0.13 | 202 | 2 | 0.01 | 10 | 600 | 35 | 0.03 | 3 | 1 | 11 |
| W424870 | | 10 | <1 | 0.04 | 10 | 0.32 | 425 | 1 | 0.01 | 16 | 500 | 40 | 0.02 | 2 | 2 | 8 |
| W424871 | | <10 | <1 | 0.06 | 20 | 0.32 | 498 | 1 | 0.01 | 19 | 850 | 75 | 0.07 | 6 | 1 | 11 |
| W424872 | | 10 | <1 | 0.06 | 10 | 0.55 | 403 | 2 | 0.01 | 17 | 700 | 20 | 0.04 | <2 | 2 | 14 |
| W424873 | | <10 | <1 | 0.05 | 20 | 0.29 | 226 | 1 | 0.01 | 16 | 710 | 35 | 0.03 | <2 | 1 | 11 |
| W424874 | | 10 | <1 | 0.09 | 20 | 0.20 | 177 | 2 | 0.01 | 11 | 800 | 24 | 0.07 | 2 | 1 | 10 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W424835 | | <20 | 0.03 | <10 | <10 | 34 | <10 | 68 |
| W424836 | | <20 | 0.05 | <10 | <10 | 56 | <10 | 70 |
| W424837 | | <20 | 0.02 | <10 | <10 | 33 | <10 | 79 |
| W424838 | | <20 | 0.02 | <10 | <10 | 30 | <10 | 86 |
| W424839 | | <20 | 0.04 | <10 | <10 | 50 | <10 | 64 |
| W424840 | | <20 | 0.04 | <10 | <10 | 40 | 10 | 63 |
| W424841 | | <20 | 0.04 | <10 | <10 | 38 | <10 | 58 |
| W424842 | | <20 | 0.03 | <10 | <10 | 41 | <10 | 45 |
| W424843 | | <20 | 0.03 | <10 | <10 | 39 | <10 | 63 |
| W424844 | | <20 | 0.04 | <10 | <10 | 41 | <10 | 73 |
| W424845 | | <20 | 0.05 | <10 | <10 | 49 | <10 | 71 |
| W424846 | | <20 | 0.04 | <10 | <10 | 46 | <10 | 70 |
| W424847 | | <20 | 0.04 | <10 | <10 | 45 | <10 | 64 |
| W424848 | | <20 | 0.04 | <10 | <10 | 42 | <10 | 69 |
| W424849 | | <20 | 0.05 | <10 | <10 | 62 | <10 | 53 |
| W424850 | | <20 | 0.07 | <10 | <10 | 70 | <10 | 43 |
| W424851 | | <20 | 0.04 | <10 | <10 | 51 | <10 | 47 |
| W424852 | | <20 | 0.04 | <10 | <10 | 47 | <10 | 56 |
| W424853 | | <20 | 0.06 | <10 | <10 | 50 | <10 | 70 |
| W424854 | | <20 | 0.04 | <10 | <10 | 42 | <10 | 51 |
| W424855 | | <20 | 0.05 | <10 | <10 | 49 | <10 | 47 |
| W424856 | | <20 | 0.04 | <10 | <10 | 46 | <10 | 68 |
| W424857 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 76 |
| W424858 | | <20 | 0.02 | <10 | <10 | 36 | <10 | 74 |
| W424859 | | <20 | 0.02 | <10 | <10 | 34 | <10 | 91 |
| W424860 | | <20 | 0.04 | <10 | <10 | 37 | <10 | 99 |
| W424861 | | <20 | 0.03 | <10 | <10 | 33 | <10 | 84 |
| W424862 | | <20 | 0.05 | <10 | <10 | 59 | <10 | 49 |
| W424863 | | <20 | 0.05 | <10 | <10 | 39 | <10 | 78 |
| W424864 | | <20 | 0.04 | <10 | <10 | 53 | <10 | 43 |
| W424865 | | <20 | 0.05 | <10 | <10 | 53 | <10 | 134 |
| W424866 | | <20 | 0.04 | <10 | <10 | 55 | <10 | 105 |
| W424867 | | <20 | 0.04 | <10 | <10 | 48 | <10 | 167 |
| W424868 | | <20 | 0.04 | <10 | <10 | 45 | <10 | 105 |
| W424869 | | <20 | 0.04 | <10 | <10 | 65 | <10 | 55 |
| W424870 | | <20 | 0.05 | <10 | <10 | 48 | <10 | 68 |
| W424871 | | <20 | 0.02 | <10 | <10 | 33 | <10 | 107 |
| W424872 | | <20 | 0.06 | <10 | <10 | 71 | <10 | 72 |
| W424873 | | <20 | 0.04 | <10 | <10 | 32 | <10 | 58 |
| W424874 | | <20 | 0.05 | <10 | <10 | 55 | 10 | 45 |



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 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-ICP21 Au ppm | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|-----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
| | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W424875 | | 0.30 | 0.006 | 1.0 | 1.10 | 52 | <10 | 60 | <0.5 | <2 | 0.04 | <0.5 | 4 | 20 | 11 | 2.31 |
| W424876 | | 0.43 | 0.006 | 0.3 | 1.58 | 21 | <10 | 100 | <0.5 | <2 | 0.07 | <0.5 | 6 | 26 | 17 | 2.93 |
| W424877 | | 0.39 | 0.007 | 0.3 | 1.38 | 23 | <10 | 70 | <0.5 | <2 | 0.05 | <0.5 | 6 | 23 | 16 | 2.86 |
| W424878 | | 0.44 | 0.039 | 0.5 | 1.53 | 185 | <10 | 100 | 1.1 | 2 | 0.27 | <0.5 | 48 | 29 | 98 | 4.82 |
| W424879 | | 0.47 | 0.087 | 1.6 | 1.32 | 443 | <10 | 80 | 1.6 | 2 | 0.33 | <0.5 | 32 | 24 | 91 | 5.05 |
| W424880 | | 0.49 | 0.006 | <0.2 | 1.63 | 28 | <10 | 100 | 0.6 | <2 | 0.13 | <0.5 | 10 | 35 | 20 | 3.11 |
| W424881 | | 0.48 | 0.095 | 0.2 | 2.10 | 377 | <10 | 120 | 0.7 | 2 | 0.21 | <0.5 | 15 | 34 | 51 | 3.13 |
| W424882 | | 0.48 | 0.044 | 0.4 | 2.63 | 360 | <10 | 180 | 1.5 | <2 | 0.29 | <0.5 | 30 | 50 | 59 | 4.43 |
| W424883 | | 0.41 | 0.057 | 0.7 | 2.38 | 338 | <10 | 170 | 1.3 | 3 | 0.40 | <0.5 | 18 | 45 | 51 | 4.21 |
| W424884 | | 0.34 | 0.055 | 0.6 | 2.12 | 230 | <10 | 90 | 1.1 | 4 | 0.10 | <0.5 | 14 | 38 | 63 | 3.85 |
| W424885 | | 0.47 | 0.034 | 0.4 | 1.78 | 136 | <10 | 150 | 1.0 | <2 | 0.29 | <0.5 | 23 | 38 | 48 | 3.71 |
| W424886 | | 0.36 | 0.066 | 3.6 | 2.12 | 185 | <10 | 110 | 1.0 | 2 | 0.13 | <0.5 | 15 | 36 | 69 | 3.92 |
| W424887 | | 0.32 | 0.071 | 0.6 | 1.76 | 109 | <10 | 90 | 0.9 | 2 | 0.12 | <0.5 | 19 | 32 | 55 | 3.67 |
| W424888 | | 0.53 | 0.080 | 0.7 | 1.99 | 233 | <10 | 140 | 1.1 | 2 | 0.19 | <0.5 | 19 | 36 | 63 | 4.06 |
| W424889 | | 0.44 | 0.076 | 1.0 | 1.90 | 227 | <10 | 130 | 1.2 | 3 | 0.21 | <0.5 | 20 | 35 | 71 | 4.15 |
| W424890 | | 0.40 | 0.222 | 0.4 | 2.08 | 306 | <10 | 160 | 1.4 | 3 | 0.23 | <0.5 | 26 | 38 | 109 | 4.35 |
| W424891 | | 0.39 | 0.072 | 0.5 | 1.50 | 265 | <10 | 120 | 1.2 | 3 | 0.12 | <0.5 | 26 | 27 | 78 | 4.44 |
| W424892 | | 0.39 | 0.024 | 0.3 | 1.93 | 73 | <10 | 100 | 0.7 | 2 | 0.11 | <0.5 | 14 | 27 | 60 | 5.16 |
| W424893 | | 0.32 | 0.033 | 1.8 | 1.65 | 215 | <10 | 90 | 0.7 | 2 | 0.13 | <0.5 | 14 | 31 | 40 | 3.40 |
| W424894 | | 0.37 | 0.019 | 0.8 | 2.34 | 130 | <10 | 150 | 0.9 | <2 | 0.12 | <0.5 | 20 | 38 | 45 | 3.42 |
| W424895 | | 0.51 | 0.059 | 1.4 | 1.82 | 459 | <10 | 130 | 0.9 | 2 | 0.19 | <0.5 | 24 | 40 | 64 | 3.74 |
| W424896 | | 0.35 | 0.006 | 0.2 | 1.91 | 54 | <10 | 190 | 0.8 | <2 | 0.22 | 0.5 | 19 | 36 | 28 | 3.39 |
| W424897 | | 0.37 | 0.045 | 1.0 | 1.69 | 153 | <10 | 140 | 1.1 | 3 | 0.38 | <0.5 | 19 | 32 | 47 | 4.34 |
| W424898 | | 0.37 | 0.033 | 0.5 | 1.38 | 102 | <10 | 80 | 0.8 | <2 | 0.26 | <0.5 | 15 | 26 | 36 | 3.62 |
| W424899 | | 0.35 | 0.031 | 0.6 | 1.67 | 87 | <10 | 150 | 0.8 | <2 | 0.23 | <0.5 | 16 | 32 | 41 | 3.69 |
| W424900 | | 0.23 | 0.016 | 0.7 | 1.48 | 75 | <10 | 70 | 0.7 | <2 | 0.09 | <0.5 | 7 | 25 | 30 | 3.32 |
| W424901 | | 0.54 | 0.012 | 1.0 | 1.27 | 65 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 10 | 24 | 18 | 3.40 |
| W424902 | | 0.45 | 0.015 | 0.9 | 0.96 | 47 | <10 | 40 | <0.5 | <2 | 0.05 | <0.5 | 6 | 22 | 17 | 3.96 |
| W424903 | | 0.54 | 0.023 | 2.6 | 1.70 | 74 | <10 | 70 | 0.5 | <2 | 0.06 | 0.6 | 11 | 25 | 30 | 4.15 |
| W424904 | | 0.53 | 0.034 | 1.7 | 1.43 | 119 | <10 | 50 | <0.5 | <2 | 0.04 | <0.5 | 9 | 27 | 28 | 4.93 |
| W424905 | | 0.44 | 0.008 | 0.6 | 1.76 | 44 | <10 | 80 | <0.5 | <2 | 0.06 | <0.5 | 9 | 30 | 17 | 3.35 |
| W424906 | | 0.64 | 0.016 | 1.1 | 1.36 | 69 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 10 | 27 | 19 | 4.04 |
| W424907 | | 0.56 | 0.030 | 1.6 | 1.31 | 115 | <10 | 70 | <0.5 | 2 | 0.08 | 0.7 | 13 | 24 | 35 | 3.55 |
| W424908 | | 0.55 | 0.011 | 0.7 | 1.63 | 17 | <10 | 100 | 0.5 | 2 | 0.10 | 0.5 | 11 | 27 | 29 | 3.09 |
| W424909 | | 0.59 | 0.031 | 1.2 | 1.44 | 43 | <10 | 90 | 0.6 | 2 | 0.09 | 0.5 | 10 | 25 | 33 | 3.75 |
| W424910 | | 0.53 | 0.011 | 0.6 | 1.33 | 22 | <10 | 80 | <0.5 | 2 | 0.07 | <0.5 | 10 | 26 | 21 | 3.46 |
| W424911 | | 0.55 | 0.006 | 0.6 | 0.89 | 26 | <10 | 60 | <0.5 | 2 | 0.06 | <0.5 | 4 | 23 | 23 | 3.09 |
| W424912 | | 0.52 | 0.005 | 0.5 | 1.42 | 23 | <10 | 90 | <0.5 | <2 | 0.08 | <0.5 | 8 | 26 | 23 | 3.06 |
| W424913 | | 0.57 | 0.010 | 0.4 | 1.29 | 25 | <10 | 80 | <0.5 | 3 | 0.06 | <0.5 | 8 | 24 | 20 | 3.22 |
| W424914 | | 0.42 | 0.040 | 1.0 | 1.90 | 56 | <10 | 90 | 1.2 | 4 | 0.31 | <0.5 | 15 | 30 | 50 | 4.12 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| | | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm |
| W424875 | | 10 | <1 | 0.03 | 10 | 0.16 | 130 | 1 | 0.01 | 8 | 560 | 15 | 0.04 | <2 | 1 | 8 |
| W424876 | | <10 | <1 | 0.04 | 10 | 0.34 | 258 | 1 | 0.01 | 14 | 530 | 16 | 0.02 | <2 | 1 | 10 |
| W424877 | | <10 | <1 | 0.04 | 10 | 0.27 | 252 | 1 | 0.01 | 11 | 600 | 18 | 0.03 | 2 | 1 | 9 |
| W424878 | | <10 | <1 | 0.19 | 30 | 0.62 | 1315 | 1 | 0.02 | 90 | 970 | 30 | 0.07 | 3 | 3 | 37 |
| W424879 | | <10 | <1 | 0.23 | 40 | 0.48 | 1415 | 1 | 0.02 | 68 | 900 | 50 | 0.07 | <2 | 4 | 38 |
| W424880 | | <10 | <1 | 0.08 | 20 | 0.52 | 454 | 1 | 0.01 | 21 | 740 | 15 | 0.03 | 3 | 2 | 14 |
| W424881 | | 10 | <1 | 0.21 | 20 | 0.88 | 494 | 1 | 0.02 | 35 | 810 | 11 | 0.05 | 3 | 3 | 25 |
| W424882 | | 10 | <1 | 0.61 | 40 | 1.27 | 983 | 1 | 0.01 | 63 | 800 | 22 | 0.04 | <2 | 5 | 20 |
| W424883 | | 10 | <1 | 0.42 | 30 | 1.16 | 742 | 1 | 0.01 | 45 | 890 | 20 | 0.06 | 3 | 4 | 26 |
| W424884 | | 10 | <1 | 0.21 | 30 | 0.83 | 577 | 1 | 0.01 | 33 | 760 | 19 | 0.09 | 2 | 3 | 14 |
| W424885 | | 10 | <1 | 0.23 | 30 | 0.72 | 933 | 2 | 0.01 | 41 | 870 | 20 | 0.08 | <2 | 2 | 21 |
| W424886 | | 10 | <1 | 0.26 | 30 | 0.86 | 559 | 3 | 0.01 | 39 | 720 | 209 | 0.07 | 2 | 3 | 16 |
| W424887 | | 10 | <1 | 0.18 | 20 | 0.69 | 708 | 1 | 0.01 | 42 | 700 | 19 | 0.05 | <2 | 2 | 14 |
| W424888 | | 10 | <1 | 0.34 | 30 | 0.86 | 837 | 1 | 0.01 | 46 | 700 | 17 | 0.05 | 2 | 3 | 17 |
| W424889 | | 10 | <1 | 0.40 | 30 | 0.82 | 808 | 1 | 0.01 | 47 | 670 | 27 | 0.07 | 3 | 4 | 21 |
| W424890 | | 10 | <1 | 0.51 | 30 | 1.00 | 944 | 2 | 0.01 | 61 | 780 | 18 | 0.06 | 2 | 5 | 22 |
| W424891 | | 10 | <1 | 0.28 | 30 | 0.46 | 968 | 1 | 0.01 | 49 | 610 | 22 | 0.11 | 3 | 3 | 27 |
| W424892 | | 10 | <1 | 0.19 | 20 | 0.58 | 325 | 1 | 0.02 | 24 | 1150 | 14 | 0.17 | <2 | 3 | 26 |
| W424893 | | <10 | <1 | 0.11 | 20 | 0.57 | 545 | 2 | 0.01 | 31 | 700 | 43 | 0.05 | 3 | 1 | 12 |
| W424894 | | 10 | 1 | 0.15 | 20 | 0.71 | 818 | 2 | 0.01 | 36 | 670 | 37 | 0.04 | 2 | 3 | 13 |
| W424895 | | 10 | <1 | 0.35 | 20 | 0.77 | 889 | 3 | 0.02 | 45 | 820 | 23 | 0.05 | <2 | 3 | 18 |
| W424896 | | 10 | <1 | 0.17 | 20 | 0.55 | 895 | 1 | 0.02 | 28 | 980 | 20 | 0.07 | <2 | 2 | 36 |
| W424897 | | 10 | <1 | 0.16 | 30 | 0.50 | 783 | 1 | 0.02 | 47 | 750 | 42 | 0.07 | 3 | 3 | 32 |
| W424898 | | <10 | <1 | 0.17 | 20 | 0.51 | 408 | 1 | 0.02 | 38 | 470 | 22 | 0.05 | <2 | 3 | 22 |
| W424899 | | 10 | <1 | 0.19 | 30 | 0.51 | 727 | 1 | 0.02 | 38 | 710 | 24 | 0.09 | <2 | 3 | 30 |
| W424900 | | 10 | <1 | 0.14 | 20 | 0.30 | 295 | 1 | 0.02 | 18 | 520 | 31 | 0.09 | <2 | 2 | 19 |
| W424901 | | <10 | <1 | 0.04 | 20 | 0.25 | 414 | 1 | 0.01 | 15 | 460 | 73 | 0.02 | 4 | 2 | 8 |
| W424902 | | 10 | <1 | 0.04 | 20 | 0.18 | 262 | 2 | 0.01 | 12 | 500 | 95 | 0.03 | 2 | 2 | 8 |
| W424903 | | 10 | 1 | 0.08 | 20 | 0.37 | 516 | 1 | 0.01 | 18 | 700 | 133 | 0.04 | 4 | 2 | 11 |
| W424904 | | 10 | <1 | 0.05 | 20 | 0.28 | 365 | 2 | 0.01 | 17 | 660 | 102 | 0.03 | 4 | 2 | 10 |
| W424905 | | 10 | <1 | 0.04 | 10 | 0.32 | 474 | 2 | 0.01 | 14 | 670 | 39 | 0.03 | 2 | 1 | 9 |
| W424906 | | 10 | 1 | 0.05 | 10 | 0.28 | 625 | 1 | 0.01 | 16 | 710 | 74 | 0.04 | 4 | 1 | 9 |
| W424907 | | <10 | <1 | 0.06 | 20 | 0.36 | 529 | 1 | 0.01 | 22 | 760 | 67 | 0.04 | 5 | 2 | 12 |
| W424908 | | 10 | <1 | 0.05 | 20 | 0.43 | 537 | 2 | 0.01 | 19 | 770 | 25 | 0.03 | <2 | 3 | 13 |
| W424909 | | <10 | <1 | 0.09 | 20 | 0.37 | 376 | 2 | 0.01 | 19 | 750 | 35 | 0.03 | <2 | 2 | 12 |
| W424910 | | 10 | <1 | 0.06 | 20 | 0.30 | 513 | 1 | 0.01 | 16 | 680 | 24 | 0.05 | 2 | 1 | 10 |
| W424911 | | 10 | <1 | 0.07 | 20 | 0.20 | 192 | 2 | 0.01 | 13 | 780 | 18 | 0.07 | <2 | 1 | 11 |
| W424912 | | <10 | <1 | 0.05 | 20 | 0.37 | 384 | 1 | 0.01 | 19 | 670 | 13 | 0.05 | <2 | 1 | 12 |
| W424913 | | <10 | <1 | 0.05 | 20 | 0.28 | 378 | 1 | 0.01 | 16 | 670 | 13 | 0.03 | 2 | 2 | 10 |
| W424914 | | 10 | <1 | 0.21 | 40 | 0.53 | 673 | 1 | 0.01 | 42 | 580 | 31 | 0.08 | <2 | 3 | 30 |



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CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W424875 | | <20 | 0.04 | <10 | <10 | 44 | <10 | 28 |
| W424876 | | <20 | 0.04 | <10 | <10 | 47 | <10 | 53 |
| W424877 | | <20 | 0.03 | <10 | <10 | 47 | <10 | 44 |
| W424878 | | <20 | 0.05 | <10 | <10 | 35 | <10 | 110 |
| W424879 | | 20 | 0.04 | <10 | <10 | 28 | 10 | 126 |
| W424880 | | <20 | 0.06 | <10 | <10 | 52 | <10 | 55 |
| W424881 | | <20 | 0.09 | <10 | <10 | 54 | <10 | 73 |
| W424882 | | <20 | 0.11 | <10 | <10 | 49 | 10 | 96 |
| W424883 | | <20 | 0.09 | <10 | <10 | 49 | 10 | 100 |
| W424884 | | <20 | 0.07 | <10 | <10 | 46 | <10 | 87 |
| W424885 | | <20 | 0.06 | <10 | <10 | 42 | <10 | 89 |
| W424886 | | <20 | 0.07 | <10 | <10 | 53 | 20 | 114 |
| W424887 | | <20 | 0.06 | <10 | <10 | 42 | 10 | 88 |
| W424888 | | <20 | 0.08 | <10 | <10 | 43 | 10 | 93 |
| W424889 | | <20 | 0.08 | <10 | <10 | 40 | 10 | 98 |
| W424890 | | <20 | 0.08 | <10 | <10 | 59 | 10 | 102 |
| W424891 | | <20 | 0.06 | <10 | <10 | 34 | 10 | 82 |
| W424892 | | <20 | 0.06 | <10 | <10 | 69 | <10 | 65 |
| W424893 | | <20 | 0.05 | <10 | <10 | 52 | 20 | 113 |
| W424894 | | <20 | 0.08 | <10 | <10 | 58 | 20 | 105 |
| W424895 | | <20 | 0.08 | <10 | <10 | 44 | 70 | 95 |
| W424896 | | <20 | 0.09 | <10 | <10 | 42 | 10 | 107 |
| W424897 | | <20 | 0.06 | <10 | <10 | 38 | 20 | 115 |
| W424898 | | <20 | 0.05 | <10 | <10 | 30 | 10 | 88 |
| W424899 | | <20 | 0.07 | <10 | <10 | 38 | 10 | 123 |
| W424900 | | <20 | 0.06 | <10 | <10 | 39 | <10 | 79 |
| W424901 | | <20 | 0.05 | <10 | <10 | 46 | <10 | 89 |
| W424902 | | <20 | 0.07 | <10 | <10 | 61 | <10 | 77 |
| W424903 | | <20 | 0.04 | <10 | <10 | 45 | <10 | 121 |
| W424904 | | <20 | 0.04 | <10 | <10 | 52 | <10 | 101 |
| W424905 | | <20 | 0.04 | <10 | <10 | 56 | <10 | 61 |
| W424906 | | <20 | 0.04 | <10 | <10 | 39 | <10 | 75 |
| W424907 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 105 |
| W424908 | | <20 | 0.05 | <10 | <10 | 47 | <10 | 82 |
| W424909 | | <20 | 0.05 | <10 | <10 | 39 | <10 | 71 |
| W424910 | | <20 | 0.05 | <10 | <10 | 43 | <10 | 60 |
| W424911 | | <20 | 0.05 | <10 | <10 | 47 | <10 | 48 |
| W424912 | | <20 | 0.04 | <10 | <10 | 45 | <10 | 64 |
| W424913 | | <20 | 0.05 | <10 | <10 | 45 | <10 | 54 |
| W424914 | | <20 | 0.05 | <10 | <10 | 30 | <10 | 131 |



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 North Vancouver BC V7H 0A7
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CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| Units | | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| LOR | | | | | | | | | | | | | | | | |
| | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W424915 | | 0.56 | 0.041 | 0.3 | 1.76 | 60 | <10 | 100 | 0.9 | <2 | 0.13 | <0.5 | 14 | 30 | 50 | 3.99 |
| W424916 | | 0.49 | 0.036 | 0.9 | 1.30 | 50 | <10 | 70 | 0.9 | 2 | 0.13 | 0.5 | 22 | 23 | 47 | 3.66 |
| W424917 | | 0.43 | 0.008 | 0.4 | 1.37 | 18 | <10 | 90 | 0.6 | <2 | 0.08 | <0.5 | 8 | 24 | 23 | 2.84 |
| W424918 | | 0.36 | 0.061 | 3.6 | 2.22 | 329 | <10 | 120 | 1.5 | 2 | 0.14 | <0.5 | 39 | 35 | 73 | 4.45 |
| W424919 | | 0.56 | 0.021 | 3.7 | 2.09 | 193 | <10 | 130 | 1.0 | <2 | 0.10 | 0.5 | 14 | 35 | 38 | 4.10 |
| W424920 | | 0.54 | 0.047 | 0.8 | 1.25 | 277 | <10 | 70 | 1.1 | 5 | 0.22 | <0.5 | 18 | 26 | 47 | 4.42 |
| W424921 | | 0.58 | 0.021 | 0.5 | 2.22 | 191 | <10 | 160 | 1.4 | 2 | 0.23 | <0.5 | 22 | 42 | 63 | 4.57 |
| W424922 | | 0.40 | 0.008 | 0.2 | 1.72 | 63 | <10 | 100 | 0.6 | 2 | 0.10 | <0.5 | 10 | 33 | 33 | 3.55 |
| W424923 | | 0.62 | 0.023 | 0.3 | 1.86 | 250 | <10 | 140 | 1.3 | 3 | 0.25 | <0.5 | 24 | 35 | 60 | 4.22 |
| W424924 | | 0.44 | 0.015 | 0.4 | 2.40 | 78 | <10 | 140 | 0.9 | 4 | 0.15 | 0.5 | 15 | 40 | 43 | 3.14 |
| W424925 | | 0.51 | 0.061 | 0.2 | 2.17 | 43 | <10 | 140 | 0.8 | 2 | 0.16 | <0.5 | 13 | 35 | 45 | 3.50 |
| W424926 | | 0.53 | 0.131 | 0.6 | 2.17 | 44 | <10 | 160 | 1.2 | 3 | 0.34 | <0.5 | 17 | 38 | 72 | 4.10 |
| W424927 | | 0.54 | 0.020 | 0.2 | 1.55 | 111 | <10 | 100 | 0.8 | <2 | 0.20 | <0.5 | 17 | 34 | 48 | 3.47 |
| W424928 | | 0.40 | 0.026 | 0.3 | 1.64 | 100 | <10 | 130 | 0.8 | 2 | 0.17 | <0.5 | 14 | 37 | 44 | 3.49 |
| W424929 | | 0.48 | 0.020 | 0.3 | 1.65 | 216 | <10 | 120 | 0.7 | 2 | 0.11 | <0.5 | 18 | 36 | 35 | 3.54 |
| W424930 | | 0.44 | 0.046 | 0.2 | 1.72 | 40 | <10 | 110 | 0.7 | 2 | 0.22 | <0.5 | 20 | 37 | 62 | 3.45 |
| W424931 | | 0.59 | 0.036 | 0.2 | 2.22 | 163 | <10 | 150 | 1.1 | 2 | 0.23 | <0.5 | 33 | 40 | 99 | 4.27 |
| W424932 | | 0.47 | 0.043 | 0.3 | 1.78 | 52 | <10 | 110 | 0.7 | 2 | 0.17 | <0.5 | 31 | 35 | 76 | 4.17 |
| W424933 | | 0.67 | 0.044 | 1.0 | 2.46 | 483 | <10 | 200 | 1.6 | 2 | 0.26 | 0.5 | 42 | 50 | 110 | 4.75 |
| W424934 | | 0.59 | 0.051 | 0.9 | 2.08 | 656 | <10 | 170 | 1.5 | 2 | 0.34 | <0.5 | 24 | 39 | 71 | 4.14 |
| W424935 | | 0.41 | 0.035 | 0.6 | 1.73 | 694 | <10 | 140 | 1.5 | 3 | 0.19 | 0.5 | 15 | 32 | 64 | 4.62 |
| W424936 | | 0.42 | 0.098 | 0.6 | 2.35 | 775 | <10 | 180 | 1.5 | 4 | 0.16 | 0.6 | 57 | 39 | 96 | 4.85 |
| W424937 | | 0.58 | 0.053 | 1.0 | 1.90 | 266 | <10 | 130 | 1.3 | 3 | 0.17 | 0.6 | 68 | 34 | 114 | 4.87 |
| W424938 | | 0.63 | 0.022 | 0.4 | 1.63 | 278 | <10 | 90 | 0.9 | <2 | 0.07 | <0.5 | 28 | 30 | 73 | 4.49 |
| W424939 | | 0.62 | 0.013 | 0.4 | 1.76 | 41 | <10 | 120 | 1.1 | 2 | 0.05 | <0.5 | 36 | 36 | 34 | 4.71 |
| W424940 | | 0.37 | 0.016 | 0.2 | 1.61 | 16 | <10 | 90 | <0.5 | <2 | 0.09 | <0.5 | 10 | 29 | 25 | 3.15 |
| W425001 | | 0.32 | 0.050 | 0.7 | 1.71 | 147 | <10 | 120 | 1.0 | <2 | 0.16 | <0.5 | 19 | 32 | 48 | 4.16 |
| W425002 | | 0.39 | 0.129 | 0.9 | 1.36 | 173 | <10 | 100 | 0.9 | 2 | 0.22 | 0.5 | 15 | 25 | 46 | 3.52 |
| W425003 | | 0.38 | 0.014 | 0.7 | 1.72 | 49 | <10 | 100 | 0.9 | <2 | 0.21 | 0.5 | 13 | 32 | 38 | 3.96 |
| W425004 | | 0.33 | 0.028 | 2.4 | 1.78 | 75 | <10 | 100 | 1.0 | 2 | 0.22 | <0.5 | 17 | 33 | 52 | 3.88 |
| W425005 | | 0.26 | 0.012 | 0.2 | 1.26 | 47 | <10 | 130 | <0.5 | <2 | 0.27 | <0.5 | 12 | 25 | 24 | 2.43 |
| W425006 | | 0.53 | 0.019 | 0.4 | 1.53 | 189 | <10 | 130 | 0.9 | <2 | 0.40 | <0.5 | 26 | 32 | 50 | 3.29 |
| W425007 | | 0.41 | 0.016 | 0.2 | 1.87 | 307 | <10 | 100 | 0.7 | 2 | 0.11 | <0.5 | 11 | 34 | 33 | 2.99 |
| W425008 | | 0.41 | 0.042 | 4.5 | 1.67 | 417 | <10 | 130 | 1.0 | <2 | 0.24 | 0.9 | 18 | 32 | 51 | 3.29 |
| W425009 | | 0.38 | 0.095 | 6.4 | 1.90 | 423 | <10 | 130 | 1.1 | 4 | 0.25 | 0.7 | 35 | 33 | 90 | 4.33 |
| W425010 | | 0.43 | 0.082 | 0.8 | 1.85 | 281 | <10 | 120 | 0.9 | 3 | 0.18 | <0.5 | 34 | 34 | 84 | 4.28 |
| W425 011 | | 0.53 | 0.073 | 0.2 | 1.69 | 220 | <10 | 110 | 0.7 | <2 | 0.21 | <0.5 | 22 | 30 | 66 | 3.47 |
| W425012 | | 0.39 | 0.098 | 0.2 | 1.69 | 250 | <10 | 130 | 0.8 | 2 | 0.20 | <0.5 | 24 | 29 | 75 | 3.70 |
| W425013 | | 0.42 | 0.172 | 0.2 | 2.24 | 243 | <10 | 150 | 1.2 | 5 | 0.22 | <0.5 | 50 | 42 | 92 | 4.55 |
| W425014 | | 0.41 | 0.115 | 0.3 | 2.08 | 250 | <10 | 140 | 1.0 | 5 | 0.17 | <0.5 | 26 | 34 | 87 | 4.42 |



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|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| | | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | |
| W424915 | | 10 | <1 | 0.22 | 40 | 0.49 | 469 | 1 | 0.02 | 38 | 840 | 23 | 0.11 | <2 | 2 | 25 |
| W424916 | | <10 | <1 | 0.16 | 40 | 0.37 | 717 | 1 | 0.01 | 49 | 800 | 24 | 0.08 | 2 | 2 | 21 |
| W424917 | | <10 | <1 | 0.11 | 20 | 0.36 | 358 | 1 | 0.01 | 21 | 570 | 10 | 0.07 | <2 | 1 | 13 |
| W424918 | | 10 | <1 | 0.24 | 40 | 0.82 | 1505 | 1 | 0.01 | 64 | 1050 | 22 | 0.07 | 2 | 3 | 14 |
| W424919 | | 10 | <1 | 0.26 | 30 | 0.81 | 788 | 1 | 0.01 | 40 | 500 | 138 | 0.04 | <2 | 3 | 11 |
| W424920 | | <10 | <1 | 0.14 | 50 | 0.54 | 1130 | 1 | 0.01 | 48 | 710 | 14 | 0.02 | 2 | 4 | 13 |
| W424921 | | 10 | <1 | 0.42 | 50 | 1.06 | 1010 | 1 | 0.01 | 52 | 560 | 17 | 0.02 | 2 | 5 | 15 |
| W424922 | | 10 | <1 | 0.13 | 20 | 0.61 | 499 | 1 | 0.01 | 26 | 870 | 15 | 0.09 | <2 | 1 | 11 |
| W424923 | | 10 | <1 | 0.19 | 60 | 0.70 | 1405 | 1 | 0.01 | 51 | 1120 | 22 | 0.06 | <2 | 3 | 18 |
| W424924 | | 10 | <1 | 0.17 | 20 | 0.77 | 654 | 2 | 0.02 | 42 | 930 | 19 | 0.07 | <2 | 2 | 14 |
| W424925 | | 10 | <1 | 0.23 | 20 | 0.68 | 421 | 1 | 0.01 | 32 | 680 | 11 | 0.05 | 2 | 3 | 22 |
| W424926 | | 10 | <1 | 0.43 | 40 | 0.88 | 634 | 1 | 0.01 | 45 | 820 | 16 | 0.06 | <2 | 4 | 25 |
| W424927 | | 10 | 1 | 0.21 | 20 | 0.55 | 519 | 1 | 0.01 | 44 | 670 | 14 | 0.07 | <2 | 3 | 25 |
| W424928 | | 10 | <1 | 0.21 | 20 | 0.52 | 545 | 1 | 0.02 | 37 | 710 | 13 | 0.09 | <2 | 2 | 23 |
| W424929 | | 10 | <1 | 0.17 | 20 | 0.47 | 790 | 2 | 0.02 | 33 | 960 | 19 | 0.11 | <2 | 2 | 15 |
| W424930 | | <10 | <1 | 0.23 | 20 | 0.71 | 682 | 3 | 0.02 | 49 | 810 | 14 | 0.07 | <2 | 3 | 21 |
| W424931 | | 10 | <1 | 0.29 | 20 | 0.82 | 879 | 2 | 0.02 | 67 | 920 | 17 | 0.12 | <2 | 3 | 31 |
| W424932 | | 10 | <1 | 0.22 | 20 | 0.57 | 652 | 1 | 0.02 | 63 | 960 | 13 | 0.16 | <2 | 3 | 24 |
| W424933 | | 10 | <1 | 0.43 | 30 | 1.00 | 1375 | 4 | 0.02 | 86 | 1040 | 32 | 0.09 | <2 | 5 | 26 |
| W424934 | | 10 | <1 | 0.50 | 30 | 0.95 | 1065 | 2 | 0.02 | 48 | 860 | 27 | 0.06 | <2 | 5 | 24 |
| W424935 | | 10 | <1 | 0.20 | 20 | 0.58 | 569 | 4 | 0.02 | 40 | 1080 | 42 | 0.17 | 2 | 2 | 21 |
| W424936 | | 10 | <1 | 0.32 | 30 | 0.88 | 1675 | 3 | 0.02 | 86 | 1010 | 38 | 0.10 | <2 | 4 | 23 |
| W424937 | | <10 | <1 | 0.27 | 40 | 0.55 | 1715 | 3 | 0.03 | 94 | 1290 | 38 | 0.14 | <2 | 5 | 21 |
| W424938 | | <10 | <1 | 0.15 | 20 | 0.49 | 531 | 3 | 0.02 | 52 | 740 | 18 | 0.12 | 2 | 3 | 16 |
| W424939 | | 10 | <1 | 0.32 | 30 | 0.47 | 745 | 6 | 0.02 | 58 | 770 | 23 | 0.12 | 2 | 5 | 19 |
| W424940 | | <10 | <1 | 0.04 | 10 | 0.42 | 432 | 1 | 0.01 | 22 | 780 | 12 | 0.06 | <2 | 2 | 11 |
| W425001 | | 10 | <1 | 0.26 | 40 | 0.53 | 750 | 1 | 0.02 | 38 | 630 | 27 | 0.14 | <2 | 3 | 26 |
| W425002 | | <10 | <1 | 0.24 | 40 | 0.41 | 593 | 1 | 0.02 | 39 | 540 | 47 | 0.12 | <2 | 3 | 27 |
| W425003 | | 10 | <1 | 0.24 | 30 | 0.49 | 381 | 1 | 0.03 | 29 | 520 | 31 | 0.20 | <2 | 3 | 47 |
| W425004 | | 10 | <1 | 0.20 | 30 | 0.59 | 426 | <1 | 0.02 | 43 | 440 | 24 | 0.09 | <2 | 3 | 27 |
| W425005 | | <10 | <1 | 0.09 | 10 | 0.35 | 743 | 1 | 0.02 | 19 | 900 | 18 | 0.09 | 2 | 1 | 21 |
| W425006 | | <10 | <1 | 0.16 | 20 | 0.51 | 824 | 1 | 0.01 | 55 | 880 | 18 | 0.06 | <2 | 3 | 26 |
| W425007 | | 10 | <1 | 0.20 | 20 | 0.67 | 592 | 2 | 0.01 | 26 | 650 | 18 | 0.05 | 2 | 2 | 11 |
| W425008 | | 10 | <1 | 0.25 | 20 | 0.63 | 708 | 1 | 0.01 | 44 | 840 | 126 | 0.09 | 2 | 3 | 24 |
| W425009 | | 10 | 2 | 0.22 | 30 | 0.74 | 1035 | 3 | 0.02 | 65 | 970 | 112 | 0.12 | 5 | 3 | 23 |
| W425010 | | 10 | 1 | 0.25 | 20 | 0.67 | 942 | 5 | 0.02 | 58 | 1030 | 28 | 0.12 | <2 | 4 | 18 |
| W425 011 | | 10 | <1 | 0.18 | 20 | 0.69 | 697 | 2 | 0.01 | 48 | 810 | 16 | 0.06 | <2 | 3 | 17 |
| W425012 | | 10 | 1 | 0.19 | 20 | 0.64 | 569 | 2 | 0.02 | 54 | 780 | 20 | 0.09 | <2 | 3 | 22 |
| W425013 | | 10 | <1 | 0.62 | 30 | 1.05 | 1150 | 3 | 0.01 | 70 | 760 | 24 | 0.07 | <2 | 5 | 18 |
| W425014 | | 10 | <1 | 0.40 | 20 | 0.83 | 609 | 5 | 0.01 | 52 | 740 | 16 | 0.12 | 3 | 3 | 23 |



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| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W424915 | | <20 | 0.07 | <10 | <10 | 35 | <10 | 99 |
| W424916 | | <20 | 0.05 | <10 | <10 | 29 | <10 | 108 |
| W424917 | | <20 | 0.06 | <10 | <10 | 39 | <10 | 70 |
| W424918 | | <20 | 0.05 | <10 | <10 | 39 | <10 | 123 |
| W424919 | | <20 | 0.10 | <10 | <10 | 44 | <10 | 166 |
| W424920 | | <20 | 0.04 | <10 | <10 | 31 | <10 | 91 |
| W424921 | | <20 | 0.08 | <10 | <10 | 47 | <10 | 92 |
| W424922 | | <20 | 0.07 | <10 | <10 | 54 | <10 | 71 |
| W424923 | | <20 | 0.05 | <10 | <10 | 37 | 10 | 95 |
| W424924 | | <20 | 0.08 | <10 | <10 | 51 | <10 | 94 |
| W424925 | | <20 | 0.11 | <10 | <10 | 48 | <10 | 74 |
| W424926 | | <20 | 0.09 | <10 | <10 | 40 | <10 | 88 |
| W424927 | | <20 | 0.07 | <10 | <10 | 40 | 10 | 84 |
| W424928 | | <20 | 0.07 | <10 | <10 | 46 | 10 | 75 |
| W424929 | | <20 | 0.06 | <10 | <10 | 52 | <10 | 76 |
| W424930 | | <20 | 0.09 | <10 | <10 | 60 | 20 | 81 |
| W424931 | | <20 | 0.09 | <10 | <10 | 51 | 30 | 94 |
| W424932 | | <20 | 0.08 | <10 | <10 | 47 | 10 | 81 |
| W424933 | | <20 | 0.09 | <10 | <10 | 52 | 40 | 149 |
| W424934 | | <20 | 0.09 | <10 | <10 | 55 | 60 | 106 |
| W424935 | | <20 | 0.06 | <10 | <10 | 46 | 30 | 101 |
| W424936 | | <20 | 0.07 | <10 | <10 | 51 | 30 | 132 |
| W424937 | | <20 | 0.07 | <10 | <10 | 44 | 30 | 155 |
| W424938 | | <20 | 0.05 | <10 | <10 | 46 | 10 | 80 |
| W424939 | | <20 | 0.05 | <10 | <10 | 47 | 10 | 81 |
| W424940 | | <20 | 0.05 | <10 | <10 | 53 | <10 | 64 |
| W425001 | | <20 | 0.07 | <10 | <10 | 36 | 10 | 112 |
| W425002 | | <20 | 0.06 | <10 | <10 | 30 | 10 | 131 |
| W425003 | | <20 | 0.08 | <10 | <10 | 32 | <10 | 109 |
| W425004 | | <20 | 0.05 | <10 | <10 | 35 | 20 | 123 |
| W425005 | | <20 | 0.05 | <10 | <10 | 38 | <10 | 71 |
| W425006 | | <20 | 0.05 | <10 | <10 | 35 | 10 | 112 |
| W425007 | | <20 | 0.09 | <10 | <10 | 57 | 40 | 75 |
| W425008 | | <20 | 0.07 | <10 | <10 | 45 | 40 | 136 |
| W425009 | | <20 | 0.07 | <10 | <10 | 50 | 40 | 159 |
| W425010 | | <20 | 0.07 | <10 | <10 | 46 | 40 | 119 |
| W425 011 | | <20 | 0.07 | <10 | <10 | 45 | 50 | 88 |
| W425012 | | <20 | 0.07 | <10 | <10 | 44 | 20 | 88 |
| W425013 | | <20 | 0.09 | <10 | <10 | 47 | 30 | 101 |
| W425014 | | <20 | 0.08 | <10 | <10 | 45 | 20 | 86 |



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Project: RC PROPERTY

CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-ICP21 Au ppm | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|-----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
| | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W425015 | | 0.51 | 0.014 | 0.4 | 1.51 | 44 | <10 | 120 | 1.1 | <2 | 0.05 | <0.5 | 15 | 30 | 43 | 4.16 |
| W425016 | | 0.31 | 0.034 | 0.4 | 1.52 | 52 | <10 | 240 | 0.6 | <2 | 0.16 | <0.5 | 14 | 30 | 43 | 3.89 |
| W425017 | | 0.45 | 0.034 | 0.3 | 1.89 | 70 | <10 | 180 | 0.7 | 2 | 0.17 | <0.5 | 23 | 40 | 51 | 3.72 |
| W425018 | | 0.44 | 0.022 | 0.3 | 1.56 | 99 | <10 | 140 | 0.8 | <2 | 0.21 | <0.5 | 21 | 31 | 55 | 3.53 |
| W425019 | | 0.59 | 0.044 | 0.4 | 1.65 | 75 | <10 | 170 | 0.8 | 2 | 0.31 | <0.5 | 25 | 35 | 59 | 3.60 |
| W425020 | | 0.48 | 0.045 | 0.2 | 1.77 | 133 | <10 | 120 | 0.9 | 2 | 0.26 | <0.5 | 22 | 40 | 42 | 3.35 |
| W425021 | | 0.46 | 0.021 | <0.2 | 1.24 | 154 | <10 | 70 | 0.5 | <2 | 0.17 | <0.5 | 17 | 26 | 38 | 2.85 |
| W425022 | | 0.53 | 0.052 | 0.3 | 1.54 | 389 | <10 | 140 | 0.9 | 3 | 0.21 | <0.5 | 19 | 32 | 47 | 3.15 |
| W425023 | | 0.49 | 0.040 | 0.5 | 1.91 | 742 | <10 | 160 | 1.2 | 2 | 0.23 | <0.5 | 29 | 35 | 72 | 3.77 |
| W425024 | | 0.43 | 0.053 | 0.4 | 1.80 | 497 | <10 | 140 | 1.2 | 2 | 0.25 | <0.5 | 24 | 32 | 62 | 3.65 |
| W425025 | | 0.34 | 0.042 | 0.2 | 1.93 | 141 | <10 | 110 | 0.8 | 2 | 0.17 | <0.5 | 29 | 34 | 71 | 3.32 |
| W425026 | | 0.37 | 0.064 | 0.6 | 2.68 | 353 | <10 | 160 | 1.2 | 3 | 0.15 | <0.5 | 62 | 42 | 120 | 5.44 |
| W425027 | | 0.46 | 0.065 | 0.3 | 2.12 | 329 | <10 | 130 | 0.9 | 2 | 0.15 | <0.5 | 39 | 35 | 101 | 4.38 |
| W425028 | | 0.54 | 0.247 | 1.1 | 2.19 | 429 | <10 | 130 | 0.9 | 4 | 0.14 | <0.5 | 62 | 39 | 123 | 4.83 |
| W425029 | | 0.53 | 0.044 | 0.3 | 2.00 | 75 | <10 | 120 | 0.8 | 5 | 0.07 | <0.5 | 14 | 34 | 78 | 4.85 |

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CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| | | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W425015 | | 10 | <1 | 0.19 | 40 | 0.34 | 518 | 2 | 0.02 | 28 | 1020 | 25 | 0.18 | 3 | 4 | 23 |
| W425016 | | <10 | <1 | 0.37 | 30 | 0.56 | 479 | 1 | 0.02 | 25 | 930 | 16 | 0.25 | 2 | 2 | 35 |
| W425017 | | 10 | <1 | 0.27 | 30 | 0.63 | 778 | 2 | 0.03 | 41 | 850 | 19 | 0.15 | 3 | 3 | 27 |
| W425018 | | 10 | <1 | 0.17 | 20 | 0.56 | 630 | 1 | 0.01 | 50 | 640 | 16 | 0.06 | 2 | 3 | 17 |
| W425019 | | 10 | <1 | 0.30 | 20 | 0.60 | 715 | 2 | 0.02 | 54 | 900 | 15 | 0.13 | <2 | 3 | 38 |
| W425020 | | 10 | <1 | 0.35 | 20 | 0.86 | 798 | 2 | 0.02 | 44 | 750 | 14 | 0.06 | <2 | 3 | 18 |
| W425021 | | <10 | 1 | 0.07 | 20 | 0.37 | 655 | 1 | 0.01 | 33 | 930 | 14 | 0.05 | <2 | 1 | 12 |
| W425022 | | <10 | 1 | 0.32 | 30 | 0.69 | 730 | 2 | 0.01 | 39 | 720 | 22 | 0.05 | 2 | 3 | 15 |
| W425023 | | 10 | <1 | 0.28 | 30 | 0.78 | 1120 | 3 | 0.02 | 55 | 1010 | 31 | 0.07 | <2 | 4 | 21 |
| W425024 | | 10 | <1 | 0.19 | 30 | 0.72 | 1025 | 2 | 0.01 | 55 | 870 | 25 | 0.06 | 4 | 3 | 20 |
| W425025 | | 10 | <1 | 0.11 | 20 | 0.63 | 1180 | 4 | 0.01 | 48 | 1020 | 25 | 0.07 | <2 | 2 | 14 |
| W425026 | | 10 | 1 | 0.23 | 30 | 0.75 | 1325 | 5 | 0.02 | 66 | 1350 | 29 | 0.17 | <2 | 4 | 24 |
| W425027 | | 10 | <1 | 0.18 | 20 | 0.72 | 804 | 4 | 0.02 | 71 | 760 | 23 | 0.13 | 2 | 4 | 18 |
| W425028 | | 10 | 1 | 0.26 | 30 | 0.55 | 1510 | 3 | 0.02 | 60 | 1840 | 38 | 0.20 | <2 | 4 | 29 |
| W425029 | | 10 | <1 | 0.20 | 30 | 0.55 | 463 | 5 | 0.02 | 28 | 1390 | 24 | 0.15 | <2 | 3 | 24 |

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CERTIFICATE OF ANALYSIS WH17159411

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|-----|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W425015 | | <20 | 0.04 | <10 | <10 | 48 | <10 | 74 |
| W425016 | | <20 | 0.09 | <10 | <10 | 36 | 20 | 85 |
| W425017 | | <20 | 0.09 | <10 | <10 | 47 | 10 | 97 |
| W425018 | | <20 | 0.07 | <10 | <10 | 39 | 10 | 90 |
| W425019 | | <20 | 0.08 | <10 | <10 | 39 | 40 | 92 |
| W425020 | | <20 | 0.08 | <10 | <10 | 65 | 40 | 89 |
| W425021 | | <20 | 0.04 | <10 | <10 | 41 | 20 | 70 |
| W425022 | | <20 | 0.08 | <10 | <10 | 39 | 110 | 91 |
| W425023 | | <20 | 0.07 | <10 | <10 | 47 | 90 | 120 |
| W425024 | | <20 | 0.06 | <10 | <10 | 50 | 30 | 108 |
| W425025 | | <20 | 0.06 | <10 | <10 | 52 | 20 | 109 |
| W425026 | | <20 | 0.06 | <10 | <10 | 56 | 10 | 122 |
| W425027 | | <20 | 0.07 | <10 | <10 | 52 | 20 | 121 |
| W425028 | | <20 | 0.06 | <10 | <10 | 43 | 110 | 109 |
| W425029 | | <20 | 0.05 | <10 | <10 | 48 | 20 | 85 |

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CERTIFICATE OF ANALYSIS WH17159411

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-21 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-ICP41



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CERTIFICATE WH17159421

Project: RC PROPERTY

This report is for 4 Rock samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2017.

The following have access to data associated with this certificate:

| | | |
|---------------|---------|--|
| GERRY CARLSON | COR COE | |
|---------------|---------|--|

| SAMPLE PREPARATION | |
|--------------------|--------------------------------|
| ALS CODE | DESCRIPTION |
| WEI-21 | Received Sample Weight |
| LOG-21 | Sample logging - ClientBarCode |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-31 | Pulverize split to 85% <75 um |

| ANALYTICAL PROCEDURES | | |
|-----------------------|-------------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |
| Au-ICP21 | Au 30g FA ICP-AES Finish | ICP-AES |

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: RC PROPERTY

CERTIFICATE OF ANALYSIS WH17159421

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-ICP21 Au ppm | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|-----------------------------------|---------------------------|-----------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|
| | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W424951 | | 1.92 | 0.048 | 0.6 | 0.03 | 12 | <10 | <10 | <0.5 | <2 | 0.02 | <0.5 | <1 | 28 | 3 | 0.33 |
| W424952 | | 1.71 | 0.002 | 1.2 | 0.03 | 24 | <10 | <10 | <0.5 | <2 | 0.01 | 0.9 | 1 | 18 | 4 | 0.42 |
| W424953 | | 2.16 | 0.001 | 0.2 | 0.11 | 35 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 16 | 6 | 0.52 |
| W424954 | | 1.51 | 0.158 | 0.5 | 0.19 | 453 | <10 | 10 | <0.5 | 6 | <0.01 | <0.5 | 1 | 20 | 7 | 0.50 |



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CERTIFICATE OF ANALYSIS WH17159421

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| W424951 | | <10 | <1 | 0.01 | <10 | 0.01 | 32 | <1 | <0.01 | 2 | 20 | 150 | 0.04 | 4 | <1 | 1 |
| W424952 | | <10 | <1 | 0.01 | <10 | <0.01 | 58 | <1 | <0.01 | 4 | 30 | 171 | 0.05 | 12 | <1 | 1 |
| W424953 | | <10 | 1 | 0.03 | <10 | 0.01 | 45 | <1 | <0.01 | 5 | 40 | 21 | 0.02 | 2 | <1 | 2 |
| W424954 | | <10 | 1 | 0.03 | <10 | <0.01 | 23 | <1 | <0.01 | 2 | 100 | 31 | 0.05 | 5 | 1 | 5 |

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| |
|---|
| CERTIFICATE OF ANALYSIS WH17159421 |
|---|

| | | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|
| Sample Description | Method Analyte Units LOR | Th ppm | Ti % | Ti ppm | U ppm | V ppm | W ppm | Zn ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W424951 | | <20 | <0.01 | <10 | <10 | 1 | <10 | 71 |
| W424952 | | <20 | <0.01 | <10 | <10 | <1 | <10 | 170 |
| W424953 | | <20 | <0.01 | <10 | <10 | 1 | <10 | 19 |
| W424954 | | <20 | <0.01 | <10 | <10 | 2 | 20 | 23 |



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CERTIFICATE OF ANALYSIS WH17159421

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

| | | | | |
|--------------------|--|----------|--------|--------|
| Applies to Method: | Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. | | | |
| | CRU-31 | CRU-QC | LOG-21 | PUL-31 |
| | PUL-QC | SPL-21 | WEI-21 | |
| Applies to Method: | Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. | | | |
| | Au-ICP21 | ME-ICP41 | | |



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CERTIFICATE WH17161510

Project: RC PROPERTY

This report is for 32 Soil samples submitted to our lab in Whitehorse, YT, Canada on 2-AUG-2017.

The following have access to data associated with this certificate:

| | | |
|---------------|---------|--|
| GERRY CARLSON | COR COE | |
|---------------|---------|--|

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

| ANALYTICAL PROCEDURES | | |
|-----------------------|-------------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au-ICP21 | Au 30g FA ICP-AES Finish | ICP-AES |
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |

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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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| Sample Description | Method Analyte Units LOR | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|
| | | Recvd Wt. kg | Au ppm | Ag ppm | Al % | As ppm | B ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % |
| | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W425031 | | 0.42 | 0.005 | <0.2 | 1.75 | 19 | <10 | 110 | <0.5 | <2 | 0.08 | <0.5 | 9 | 29 | 16 | 2.82 |
| W425032 | | 0.41 | 0.025 | 0.3 | 1.24 | 18 | <10 | 70 | <0.5 | <2 | 0.10 | <0.5 | 8 | 22 | 19 | 2.47 |
| W425033 | | 0.35 | 0.001 | 0.2 | 1.08 | 15 | <10 | 70 | <0.5 | <2 | 0.05 | <0.5 | 4 | 20 | 9 | 2.30 |
| W425034 | | 0.39 | 0.010 | 0.2 | 1.32 | 19 | <10 | 60 | <0.5 | <2 | 0.07 | <0.5 | 9 | 23 | 17 | 2.58 |
| W425035 | | 0.32 | <0.001 | 0.4 | 1.23 | 17 | <10 | 60 | <0.5 | <2 | 0.05 | <0.5 | 7 | 25 | 19 | 2.58 |
| W425036 | | 0.41 | 0.008 | 0.2 | 1.17 | 24 | <10 | 100 | <0.5 | <2 | 0.13 | <0.5 | 9 | 23 | 20 | 2.67 |
| W425037 | | 0.40 | 0.002 | 0.3 | 1.41 | 18 | <10 | 70 | <0.5 | <2 | 0.11 | <0.5 | 9 | 25 | 23 | 3.06 |
| W425038 | | 0.50 | 0.004 | 0.2 | 1.72 | 13 | <10 | 100 | <0.5 | <2 | 0.08 | <0.5 | 10 | 27 | 21 | 3.08 |
| W425039 | | 0.37 | 0.002 | 0.2 | 1.34 | 13 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 4 | 22 | 15 | 2.58 |
| W425040 | | 0.44 | 0.004 | 0.2 | 1.49 | 16 | <10 | 80 | <0.5 | <2 | 0.08 | <0.5 | 8 | 25 | 25 | 2.95 |
| W425041 | | 0.45 | 0.002 | 0.6 | 1.28 | 14 | <10 | 70 | <0.5 | <2 | 0.07 | <0.5 | 20 | 21 | 21 | 2.43 |
| W425042 | | 0.40 | 0.001 | 0.2 | 1.49 | 15 | <10 | 110 | <0.5 | <2 | 0.14 | <0.5 | 13 | 26 | 33 | 3.09 |
| W425043 | | 0.38 | 0.001 | 0.5 | 1.58 | 21 | <10 | 90 | <0.5 | <2 | 0.10 | <0.5 | 11 | 27 | 31 | 3.51 |
| W425044 | | 0.52 | 0.004 | <0.2 | 1.44 | 15 | <10 | 120 | <0.5 | <2 | 0.09 | <0.5 | 6 | 31 | 26 | 3.09 |
| W425045 | | 0.52 | 0.005 | 0.3 | 1.45 | 26 | <10 | 90 | <0.5 | <2 | 0.06 | <0.5 | 8 | 27 | 27 | 3.43 |
| W425046 | | 0.50 | 0.008 | <0.2 | 1.21 | 78 | <10 | 70 | <0.5 | <2 | 0.09 | <0.5 | 9 | 25 | 22 | 2.97 |
| W425047 | | 0.57 | 0.005 | 0.2 | 1.28 | 22 | <10 | 80 | <0.5 | <2 | 0.13 | <0.5 | 12 | 27 | 24 | 3.02 |
| W425048 | | 0.47 | 0.004 | <0.2 | 1.17 | 21 | <10 | 80 | <0.5 | <2 | 0.07 | <0.5 | 13 | 23 | 36 | 3.54 |
| W424941 | | 0.52 | 0.003 | 0.3 | 1.47 | 37 | <10 | 60 | <0.5 | <2 | 0.05 | <0.5 | 6 | 26 | 28 | 3.40 |
| W424942 | | 0.41 | <0.001 | 0.4 | 0.97 | 38 | <10 | 60 | <0.5 | <2 | 0.07 | <0.5 | 5 | 20 | 30 | 3.12 |
| W424943 | | 0.44 | 0.007 | 1.0 | 1.27 | 32 | <10 | 90 | 0.6 | <2 | 0.10 | 0.6 | 14 | 25 | 38 | 3.72 |
| W424944 | | 0.57 | 0.007 | 2.7 | 1.02 | 150 | <10 | 50 | 0.6 | 2 | 0.03 | <0.5 | 7 | 23 | 49 | 4.89 |
| W424945 | | 0.55 | 0.007 | 0.6 | 0.97 | 40 | <10 | 70 | <0.5 | <2 | 0.10 | <0.5 | 10 | 22 | 33 | 3.20 |
| W424946 | | 0.48 | 0.009 | 0.3 | 1.08 | 21 | <10 | 100 | <0.5 | <2 | 0.14 | <0.5 | 10 | 23 | 25 | 2.62 |
| W424947 | | 0.53 | 0.002 | 0.2 | 1.25 | 18 | <10 | 110 | 0.5 | <2 | 0.18 | 0.6 | 14 | 22 | 32 | 2.82 |
| W424948 | | 0.61 | 0.010 | 0.3 | 1.48 | 22 | <10 | 80 | 0.5 | <2 | 0.09 | <0.5 | 9 | 24 | 23 | 3.02 |
| W424949 | | 0.51 | 0.005 | 0.2 | 1.45 | 25 | <10 | 80 | <0.5 | <2 | 0.07 | <0.5 | 8 | 26 | 32 | 3.59 |
| W424950 | | 0.50 | 0.002 | 0.2 | 1.65 | 16 | <10 | 90 | 0.5 | <2 | 0.07 | <0.5 | 10 | 28 | 35 | 3.93 |
| W425049 | | 0.57 | 0.001 | 0.2 | 1.17 | 26 | <10 | 90 | <0.5 | <2 | 0.08 | <0.5 | 8 | 22 | 26 | 3.11 |
| W425050 | | 0.54 | 0.001 | <0.2 | 1.37 | 15 | <10 | 60 | <0.5 | <2 | 0.05 | <0.5 | 6 | 24 | 21 | 2.91 |
| W422727 | | 0.37 | 0.004 | 0.2 | 1.45 | 23 | <10 | 90 | <0.5 | <2 | 0.10 | <0.5 | 8 | 26 | 32 | 3.25 |
| W422728 | | 0.52 | 0.007 | 0.2 | 1.68 | 35 | <10 | 120 | 0.5 | <2 | 0.10 | <0.5 | 13 | 35 | 35 | 3.67 |



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CERTIFICATE OF ANALYSIS WH17161510

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W425031 | | 10 | <1 | 0.04 | 20 | 0.41 | 347 | 1 | 0.01 | 17 | 570 | 13 | 0.03 | <2 | 2 | 10 |
| W425032 | | <10 | <1 | 0.04 | 20 | 0.33 | 274 | 1 | 0.01 | 18 | 590 | 11 | 0.02 | <2 | 2 | 10 |
| W425033 | | 10 | <1 | 0.03 | 10 | 0.24 | 153 | 1 | 0.01 | 9 | 420 | 11 | 0.03 | <2 | 1 | 8 |
| W425034 | | <10 | <1 | 0.04 | 10 | 0.33 | 360 | 1 | 0.01 | 15 | 640 | 11 | 0.03 | <2 | 1 | 9 |
| W425035 | | <10 | <1 | 0.04 | 20 | 0.34 | 269 | 1 | 0.01 | 15 | 720 | 10 | 0.05 | <2 | <1 | 8 |
| W425036 | | <10 | <1 | 0.04 | 20 | 0.36 | 289 | 1 | 0.01 | 19 | 640 | 13 | 0.02 | <2 | 2 | 13 |
| W425037 | | <10 | <1 | 0.04 | 20 | 0.39 | 320 | 1 | 0.01 | 21 | 680 | 17 | 0.03 | <2 | 1 | 11 |
| W425038 | | <10 | <1 | 0.04 | 20 | 0.36 | 447 | 2 | 0.01 | 16 | 630 | 16 | 0.03 | <2 | 2 | 11 |
| W425039 | | 10 | <1 | 0.03 | 10 | 0.21 | 157 | 1 | 0.01 | 10 | 530 | 14 | 0.04 | <2 | 1 | 9 |
| W425040 | | <10 | <1 | 0.04 | 20 | 0.41 | 283 | 1 | 0.01 | 20 | 500 | 14 | 0.02 | <2 | 2 | 10 |
| W425041 | | <10 | <1 | 0.03 | 20 | 0.34 | 581 | 1 | 0.01 | 34 | 540 | 28 | 0.02 | <2 | 1 | 8 |
| W425042 | | <10 | <1 | 0.04 | 30 | 0.48 | 418 | 1 | 0.01 | 29 | 820 | 15 | 0.02 | <2 | 2 | 14 |
| W425043 | | 10 | <1 | 0.05 | 20 | 0.40 | 456 | 1 | 0.02 | 23 | 990 | 32 | 0.07 | <2 | 1 | 15 |
| W425044 | | <10 | <1 | 0.04 | 20 | 0.46 | 306 | 1 | 0.01 | 18 | 700 | 14 | 0.04 | <2 | 1 | 15 |
| W425045 | | <10 | <1 | 0.04 | 20 | 0.44 | 297 | 1 | 0.01 | 18 | 640 | 18 | 0.02 | <2 | 2 | 11 |
| W425046 | | <10 | <1 | 0.04 | 20 | 0.35 | 352 | 1 | 0.01 | 18 | 740 | 13 | 0.03 | <2 | 1 | 13 |
| W425047 | | <10 | <1 | 0.05 | 20 | 0.41 | 367 | 1 | 0.01 | 22 | 820 | 12 | 0.02 | <2 | 2 | 17 |
| W425048 | | <10 | <1 | 0.04 | 40 | 0.37 | 304 | 1 | 0.01 | 29 | 620 | 14 | 0.03 | <2 | 2 | 14 |
| W424941 | | <10 | <1 | 0.05 | 20 | 0.39 | 228 | 1 | 0.01 | 17 | 570 | 20 | 0.05 | <2 | 1 | 10 |
| W424942 | | <10 | <1 | 0.04 | 20 | 0.29 | 162 | 1 | 0.01 | 16 | 630 | 19 | 0.06 | <2 | 1 | 13 |
| W424943 | | <10 | <1 | 0.05 | 30 | 0.35 | 410 | 1 | 0.01 | 30 | 800 | 54 | 0.06 | <2 | 2 | 14 |
| W424944 | | <10 | 1 | 0.10 | 30 | 0.27 | 194 | 1 | 0.01 | 19 | 740 | 107 | 0.08 | 3 | 2 | 10 |
| W424945 | | <10 | <1 | 0.08 | 20 | 0.32 | 350 | 1 | 0.01 | 19 | 620 | 14 | 0.05 | <2 | 2 | 10 |
| W424946 | | <10 | <1 | 0.04 | 20 | 0.38 | 347 | 1 | 0.01 | 24 | 750 | 12 | 0.03 | <2 | 2 | 13 |
| W424947 | | <10 | 1 | 0.04 | 20 | 0.40 | 442 | 1 | 0.01 | 33 | 880 | 12 | 0.02 | <2 | 2 | 15 |
| W424948 | | <10 | <1 | 0.04 | 20 | 0.37 | 396 | 1 | 0.01 | 18 | 750 | 20 | 0.03 | <2 | 2 | 12 |
| W424949 | | <10 | <1 | 0.04 | 30 | 0.46 | 357 | 1 | 0.01 | 19 | 680 | 16 | 0.03 | <2 | 2 | 14 |
| W424950 | | <10 | 1 | 0.05 | 30 | 0.46 | 383 | 1 | 0.01 | 21 | 780 | 17 | 0.04 | <2 | 1 | 15 |
| W425049 | | <10 | 1 | 0.04 | 20 | 0.38 | 331 | 1 | 0.01 | 20 | 540 | 13 | 0.03 | <2 | 2 | 14 |
| W425050 | | <10 | <1 | 0.03 | 20 | 0.29 | 282 | 1 | 0.01 | 13 | 740 | 12 | 0.04 | <2 | 1 | 11 |
| W422727 | | <10 | <1 | 0.04 | 30 | 0.46 | 272 | 1 | 0.01 | 20 | 750 | 15 | 0.04 | <2 | 2 | 15 |
| W422728 | | 10 | <1 | 0.05 | 30 | 0.56 | 529 | 1 | 0.01 | 24 | 850 | 18 | 0.04 | <2 | 2 | 18 |



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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W425031 | | <20 | 0.05 | <10 | <10 | 52 | <10 | 64 |
| W425032 | | <20 | 0.04 | <10 | <10 | 37 | <10 | 61 |
| W425033 | | <20 | 0.04 | <10 | <10 | 47 | <10 | 36 |
| W425034 | | <20 | 0.03 | <10 | <10 | 40 | <10 | 54 |
| W425035 | | <20 | 0.02 | <10 | <10 | 35 | <10 | 54 |
| W425036 | | <20 | 0.04 | <10 | <10 | 41 | <10 | 60 |
| W425037 | | <20 | 0.03 | <10 | <10 | 39 | <10 | 70 |
| W425038 | | <20 | 0.04 | <10 | <10 | 49 | <10 | 55 |
| W425039 | | <20 | 0.03 | <10 | <10 | 54 | <10 | 37 |
| W425040 | | <20 | 0.04 | <10 | <10 | 41 | <10 | 58 |
| W425041 | | <20 | 0.03 | <10 | <10 | 34 | <10 | 68 |
| W425042 | | <20 | 0.04 | <10 | <10 | 39 | <10 | 77 |
| W425043 | | <20 | 0.03 | <10 | <10 | 49 | <10 | 81 |
| W425044 | | <20 | 0.04 | <10 | <10 | 42 | <10 | 65 |
| W425045 | | <20 | 0.03 | <10 | <10 | 42 | <10 | 72 |
| W425046 | | <20 | 0.03 | <10 | <10 | 39 | <10 | 57 |
| W425047 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 71 |
| W425048 | | <20 | 0.02 | <10 | <10 | 30 | <10 | 77 |
| W424941 | | <20 | 0.03 | <10 | <10 | 41 | <10 | 72 |
| W424942 | | <20 | 0.03 | <10 | <10 | 33 | <10 | 63 |
| W424943 | | <20 | 0.03 | <10 | <10 | 37 | <10 | 99 |
| W424944 | | <20 | 0.02 | <10 | <10 | 28 | <10 | 132 |
| W424945 | | <20 | 0.04 | <10 | <10 | 37 | <10 | 65 |
| W424946 | | <20 | 0.04 | <10 | <10 | 39 | <10 | 74 |
| W424947 | | <20 | 0.04 | <10 | <10 | 39 | <10 | 85 |
| W424948 | | <20 | 0.03 | <10 | <10 | 41 | <10 | 71 |
| W424949 | | <20 | 0.03 | <10 | <10 | 35 | <10 | 78 |
| W424950 | | <20 | 0.02 | <10 | <10 | 37 | <10 | 75 |
| W425049 | | <20 | 0.03 | <10 | <10 | 35 | <10 | 63 |
| W425050 | | <20 | 0.03 | <10 | <10 | 42 | <10 | 51 |
| W422727 | | <20 | 0.03 | <10 | <10 | 37 | <10 | 66 |
| W422728 | | <20 | 0.04 | <10 | <10 | 42 | <10 | 80 |



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CERTIFICATE OF ANALYSIS WH17161510

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-ICP41



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 North Vancouver BC V7H 0A7
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CERTIFICATE WH17184070

Project: RC Property

This report is for 252 Soil samples submitted to our lab in Whitehorse, YT, Canada on 30-AUG-2017.

The following have access to data associated with this certificate:

| | | |
|---------------|---------|--|
| GERRY CARLSON | COR COE | |
|---------------|---------|--|

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

| ANALYTICAL PROCEDURES | | |
|-----------------------|-------------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au-ICP21 | Au 30g FA ICP-AES Finish | ICP-AES |
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |

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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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 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
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CERTIFICATE OF ANALYSIS WH17184070

| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| Units | | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| LOR | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W422401 | | 0.49 | 0.003 | <0.2 | 1.21 | 10 | <10 | 70 | <0.5 | <2 | 0.12 | <0.5 | 6 | 22 | 18 | 2.08 |
| W422402 | | 0.42 | <0.001 | <0.2 | 1.15 | 11 | <10 | 60 | <0.5 | <2 | 0.12 | <0.5 | 6 | 20 | 15 | 2.04 |
| W422403 | | 0.48 | 0.003 | <0.2 | 1.28 | 14 | <10 | 110 | <0.5 | <2 | 0.09 | <0.5 | 6 | 24 | 17 | 2.31 |
| W422404 | | 0.57 | 0.003 | <0.2 | 1.33 | 18 | <10 | 80 | <0.5 | <2 | 0.08 | <0.5 | 8 | 26 | 23 | 2.80 |
| W422405 | | 0.44 | 0.001 | <0.2 | 1.41 | 16 | <10 | 70 | <0.5 | <2 | 0.07 | <0.5 | 9 | 29 | 31 | 2.78 |
| W422406 | | 0.47 | 0.007 | <0.2 | 1.26 | 25 | <10 | 90 | <0.5 | <2 | 0.10 | <0.5 | 8 | 23 | 20 | 2.43 |
| W422407 | | 0.59 | <0.001 | <0.2 | 1.16 | 28 | <10 | 80 | <0.5 | <2 | 0.10 | <0.5 | 6 | 20 | 20 | 2.23 |
| W422408 | | 0.46 | 0.002 | <0.2 | 1.14 | 24 | <10 | 70 | <0.5 | <2 | 0.10 | <0.5 | 8 | 20 | 20 | 2.34 |
| W422409 | | 0.45 | 0.007 | <0.2 | 1.32 | 19 | <10 | 80 | <0.5 | <2 | 0.11 | <0.5 | 8 | 22 | 24 | 2.52 |
| W422410 | | 0.48 | 0.001 | <0.2 | 1.59 | 28 | <10 | 110 | 0.5 | <2 | 0.14 | <0.5 | 10 | 37 | 54 | 2.85 |
| W422411 | | 0.42 | 0.002 | <0.2 | 1.42 | 20 | <10 | 90 | <0.5 | <2 | 0.10 | <0.5 | 9 | 25 | 28 | 2.77 |
| W422412 | | 0.38 | 0.004 | <0.2 | 1.23 | 32 | <10 | 90 | <0.5 | <2 | 0.07 | <0.5 | 7 | 23 | 22 | 2.85 |
| W422413 | | 0.48 | 0.006 | <0.2 | 1.11 | 19 | <10 | 80 | <0.5 | <2 | 0.13 | <0.5 | 8 | 20 | 21 | 2.31 |
| W422414 | | 0.41 | 0.002 | <0.2 | 1.34 | 17 | <10 | 90 | <0.5 | <2 | 0.07 | <0.5 | 6 | 24 | 16 | 2.30 |
| W422415 | | 0.37 | 0.002 | <0.2 | 1.07 | 22 | <10 | 70 | <0.5 | <2 | 0.06 | <0.5 | 6 | 21 | 16 | 2.20 |
| W422416 | | 0.49 | 0.014 | <0.2 | 1.24 | 57 | <10 | 80 | <0.5 | <2 | 0.05 | <0.5 | 8 | 21 | 19 | 2.41 |
| W422417 | | 0.29 | 0.003 | <0.2 | 1.55 | 20 | <10 | 170 | <0.5 | <2 | 0.19 | <0.5 | 8 | 30 | 23 | 2.36 |
| W422418 | | 0.40 | 0.003 | <0.2 | 1.59 | 20 | <10 | 80 | <0.5 | <2 | 0.14 | <0.5 | 6 | 25 | 22 | 2.52 |
| W422419 | | 0.15 | 0.001 | <0.2 | 1.13 | 49 | <10 | 70 | <0.5 | <2 | 0.13 | <0.5 | 6 | 20 | 43 | 2.00 |
| W422420 | | 0.54 | 0.013 | <0.2 | 2.30 | 193 | <10 | 200 | 0.7 | <2 | 0.32 | 0.5 | 21 | 33 | 53 | 3.15 |
| W422421 | | 0.37 | 0.005 | <0.2 | 2.40 | 21 | <10 | 220 | 0.7 | <2 | 0.25 | <0.5 | 14 | 37 | 39 | 3.16 |
| W422422 | | 0.50 | 0.008 | <0.2 | 1.75 | 19 | <10 | 190 | 0.5 | <2 | 0.28 | 0.5 | 13 | 28 | 38 | 2.86 |
| W422423 | | 0.44 | 0.006 | <0.2 | 1.97 | 15 | <10 | 210 | 0.6 | <2 | 0.23 | <0.5 | 14 | 31 | 37 | 2.99 |
| W422424 | | 0.38 | 0.005 | <0.2 | 1.27 | 34 | <10 | 100 | 0.5 | <2 | 0.19 | <0.5 | 12 | 24 | 30 | 2.46 |
| W422425 | | 0.24 | <0.001 | <0.2 | 1.05 | 4 | <10 | 90 | <0.5 | <2 | 0.05 | <0.5 | 2 | 15 | 9 | 0.91 |
| W422426 | | 0.45 | 0.007 | 0.2 | 1.94 | 50 | <10 | 140 | 0.6 | <2 | 0.09 | <0.5 | 16 | 35 | 44 | 4.09 |
| W422427 | | 0.31 | 0.010 | <0.2 | 1.43 | 20 | <10 | 180 | <0.5 | <2 | 0.13 | <0.5 | 9 | 27 | 24 | 2.80 |
| W422428 | | 0.38 | 0.005 | <0.2 | 1.21 | 18 | <10 | 90 | <0.5 | <2 | 0.15 | <0.5 | 9 | 22 | 26 | 2.29 |
| W422429 | | 0.41 | 0.011 | <0.2 | 1.29 | 19 | <10 | 90 | <0.5 | <2 | 0.11 | <0.5 | 9 | 24 | 21 | 2.46 |
| W422430 | | 0.32 | 0.002 | <0.2 | 1.30 | 14 | <10 | 90 | <0.5 | <2 | 0.08 | <0.5 | 7 | 23 | 16 | 2.25 |
| W422431 | | 0.45 | 0.004 | <0.2 | 1.40 | 15 | <10 | 100 | <0.5 | <2 | 0.10 | <0.5 | 6 | 24 | 16 | 2.19 |
| W422432 | | 0.46 | 0.004 | <0.2 | 1.43 | 44 | <10 | 160 | <0.5 | <2 | 0.21 | <0.5 | 9 | 25 | 18 | 2.47 |
| W422433 | | 0.31 | 0.003 | <0.2 | 1.48 | 30 | <10 | 100 | <0.5 | <2 | 0.08 | <0.5 | 9 | 26 | 17 | 2.72 |
| W422434 | | 0.36 | 0.009 | 0.8 | 1.66 | 117 | <10 | 110 | 0.5 | <2 | 0.10 | 0.7 | 17 | 31 | 42 | 3.86 |
| W422435 | | 0.57 | 0.005 | <0.2 | 1.50 | 32 | <10 | 110 | <0.5 | <2 | 0.06 | <0.5 | 10 | 30 | 24 | 3.52 |
| W422436 | | 0.27 | 0.004 | <0.2 | 1.74 | 34 | <10 | 130 | <0.5 | <2 | 0.09 | <0.5 | 12 | 31 | 27 | 3.48 |
| W422437 | | 0.28 | 0.002 | <0.2 | 1.37 | 21 | <10 | 130 | <0.5 | <2 | 0.10 | <0.5 | 8 | 26 | 17 | 2.60 |
| W422438 | | 0.32 | 0.002 | <0.2 | 1.51 | 21 | <10 | 100 | <0.5 | <2 | 0.09 | <0.5 | 8 | 27 | 16 | 2.67 |
| W422439 | | 0.29 | 0.004 | 0.2 | 1.58 | 45 | <10 | 110 | <0.5 | <2 | 0.12 | <0.5 | 7 | 24 | 16 | 2.23 |
| W422440 | | 0.44 | 0.008 | <0.2 | 1.85 | 42 | <10 | 170 | 0.8 | <2 | 0.41 | <0.5 | 15 | 34 | 35 | 3.46 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W422401 | | <10 | <1 | 0.04 | 20 | 0.34 | 154 | 1 | 0.01 | 16 | 590 | 9 | 0.01 | <2 | 1 | 10 |
| W422402 | | <10 | 1 | 0.04 | 20 | 0.31 | 208 | 1 | 0.01 | 14 | 570 | 10 | 0.01 | <2 | 1 | 10 |
| W422403 | | <10 | <1 | 0.04 | 20 | 0.39 | 222 | 1 | 0.01 | 18 | 560 | 10 | 0.03 | <2 | 1 | 11 |
| W422404 | | <10 | <1 | 0.05 | 20 | 0.41 | 345 | 1 | 0.01 | 23 | 650 | 11 | 0.03 | <2 | 1 | 11 |
| W422405 | | <10 | <1 | 0.04 | 30 | 0.43 | 345 | 2 | 0.01 | 25 | 810 | 13 | 0.05 | 2 | 1 | 12 |
| W422406 | | <10 | <1 | 0.05 | 20 | 0.35 | 342 | 1 | 0.01 | 20 | 570 | 17 | 0.02 | <2 | 2 | 11 |
| W422407 | | <10 | <1 | 0.05 | 20 | 0.32 | 237 | 1 | 0.01 | 19 | 520 | 15 | 0.01 | <2 | 2 | 10 |
| W422408 | | <10 | 1 | 0.05 | 20 | 0.31 | 280 | 1 | 0.01 | 22 | 580 | 15 | 0.02 | <2 | 1 | 11 |
| W422409 | | <10 | <1 | 0.10 | 30 | 0.38 | 190 | 1 | 0.01 | 23 | 550 | 20 | 0.02 | <2 | 2 | 11 |
| W422410 | | <10 | <1 | 0.09 | 40 | 0.60 | 333 | 1 | 0.01 | 29 | 700 | 17 | 0.02 | <2 | 2 | 14 |
| W422411 | | <10 | <1 | 0.06 | 20 | 0.42 | 325 | 1 | 0.01 | 25 | 600 | 15 | 0.02 | <2 | 2 | 11 |
| W422412 | | <10 | <1 | 0.05 | 20 | 0.33 | 312 | 1 | 0.01 | 23 | 600 | 13 | 0.04 | <2 | 1 | 9 |
| W422413 | | <10 | <1 | 0.05 | 20 | 0.34 | 253 | 1 | 0.01 | 21 | 690 | 13 | 0.02 | <2 | 2 | 11 |
| W422414 | | <10 | <1 | 0.04 | 10 | 0.33 | 259 | 1 | 0.01 | 16 | 570 | 11 | 0.02 | <2 | 1 | 9 |
| W422415 | | <10 | <1 | 0.04 | 20 | 0.27 | 205 | 1 | <0.01 | 15 | 420 | 13 | 0.01 | <2 | 1 | 8 |
| W422416 | | <10 | <1 | 0.05 | 20 | 0.29 | 368 | 1 | 0.01 | 19 | 440 | 15 | 0.02 | <2 | 2 | 8 |
| W422417 | | <10 | <1 | 0.05 | 10 | 0.59 | 291 | 1 | 0.01 | 21 | 480 | 10 | 0.03 | <2 | 2 | 16 |
| W422418 | | <10 | <1 | 0.05 | 10 | 0.40 | 274 | 1 | 0.01 | 16 | 720 | 12 | 0.03 | <2 | 1 | 12 |
| W422419 | | <10 | <1 | 0.04 | 20 | 0.32 | 163 | 1 | 0.02 | 16 | 830 | 13 | 0.11 | <2 | 1 | 14 |
| W422420 | | 10 | <1 | 0.10 | 40 | 1.20 | 743 | 1 | 0.02 | 38 | 680 | 22 | 0.04 | <2 | 3 | 20 |
| W422421 | | 10 | <1 | 0.09 | 30 | 1.06 | 799 | 1 | 0.02 | 33 | 770 | 15 | 0.05 | <2 | 3 | 20 |
| W422422 | | 10 | 1 | 0.11 | 30 | 0.79 | 548 | 1 | 0.02 | 32 | 970 | 14 | 0.02 | <2 | 3 | 18 |
| W422423 | | 10 | <1 | 0.15 | 30 | 0.90 | 597 | 1 | 0.02 | 32 | 830 | 16 | 0.03 | <2 | 3 | 19 |
| W422424 | | <10 | <1 | 0.07 | 30 | 0.46 | 379 | 1 | 0.02 | 28 | 760 | 14 | 0.02 | <2 | 2 | 15 |
| W422425 | | 10 | 1 | 0.03 | 10 | 0.12 | 66 | 1 | 0.01 | 8 | 650 | 18 | 0.05 | <2 | <1 | 8 |
| W422426 | | 10 | <1 | 0.09 | 30 | 0.63 | 801 | 1 | 0.01 | 40 | 720 | 33 | 0.04 | <2 | 2 | 11 |
| W422427 | | 10 | 1 | 0.07 | 30 | 0.40 | 401 | 1 | 0.01 | 23 | 760 | 19 | 0.07 | <2 | 1 | 15 |
| W422428 | | <10 | <1 | 0.05 | 20 | 0.41 | 334 | 1 | 0.01 | 22 | 600 | 13 | 0.02 | <2 | 2 | 12 |
| W422429 | | <10 | 1 | 0.05 | 20 | 0.38 | 370 | 1 | 0.01 | 21 | 570 | 28 | 0.03 | <2 | 2 | 10 |
| W422430 | | <10 | <1 | 0.04 | 10 | 0.34 | 332 | 1 | 0.01 | 16 | 580 | 11 | 0.04 | <2 | 1 | 9 |
| W422431 | | <10 | <1 | 0.05 | 10 | 0.35 | 220 | 1 | 0.01 | 16 | 550 | 10 | 0.02 | <2 | 1 | 9 |
| W422432 | | <10 | <1 | 0.05 | 20 | 0.39 | 368 | 1 | 0.01 | 20 | 540 | 16 | 0.03 | <2 | 2 | 16 |
| W422433 | | <10 | 1 | 0.06 | 10 | 0.34 | 365 | 1 | 0.01 | 18 | 530 | 10 | 0.03 | <2 | 2 | 9 |
| W422434 | | <10 | <1 | 0.12 | 20 | 0.48 | 325 | 1 | 0.02 | 32 | 540 | 25 | 0.04 | <2 | 3 | 14 |
| W422435 | | 10 | 1 | 0.09 | 20 | 0.39 | 407 | 1 | 0.02 | 22 | 450 | 14 | 0.04 | <2 | 3 | 10 |
| W422436 | | 10 | <1 | 0.06 | 20 | 0.43 | 443 | 1 | 0.02 | 22 | 740 | 16 | 0.04 | <2 | 2 | 12 |
| W422437 | | 10 | <1 | 0.05 | 10 | 0.33 | 285 | 1 | 0.01 | 17 | 670 | 11 | 0.04 | <2 | 2 | 11 |
| W422438 | | <10 | <1 | 0.05 | 10 | 0.36 | 317 | 1 | 0.02 | 17 | 710 | 10 | 0.04 | <2 | 1 | 10 |
| W422439 | | <10 | <1 | 0.06 | 10 | 0.39 | 233 | 1 | 0.01 | 16 | 600 | 11 | 0.02 | 2 | 2 | 11 |
| W422440 | | 10 | <1 | 0.34 | 40 | 0.65 | 543 | 1 | 0.02 | 37 | 640 | 13 | 0.01 | <2 | 4 | 22 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W422401 | | <20 | 0.04 | <10 | <10 | 36 | <10 | 51 |
| W422402 | | <20 | 0.03 | <10 | <10 | 33 | <10 | 47 |
| W422403 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 54 |
| W422404 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 62 |
| W422405 | | <20 | 0.02 | <10 | <10 | 33 | <10 | 59 |
| W422406 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 61 |
| W422407 | | <20 | 0.03 | <10 | <10 | 31 | <10 | 59 |
| W422408 | | <20 | 0.03 | <10 | <10 | 30 | <10 | 59 |
| W422409 | | <20 | 0.03 | <10 | <10 | 29 | <10 | 56 |
| W422410 | | <20 | 0.04 | <10 | <10 | 36 | <10 | 68 |
| W422411 | | <20 | 0.03 | <10 | <10 | 36 | <10 | 66 |
| W422412 | | <20 | 0.02 | <10 | <10 | 37 | <10 | 62 |
| W422413 | | <20 | 0.03 | <10 | <10 | 34 | <10 | 63 |
| W422414 | | <20 | 0.03 | <10 | <10 | 40 | <10 | 53 |
| W422415 | | <20 | 0.03 | <10 | <10 | 34 | <10 | 52 |
| W422416 | | <20 | 0.03 | <10 | <10 | 34 | <10 | 61 |
| W422417 | | <20 | 0.05 | <10 | <10 | 46 | <10 | 55 |
| W422418 | | <20 | 0.04 | <10 | <10 | 45 | <10 | 51 |
| W422419 | | <20 | 0.03 | <10 | <10 | 36 | <10 | 43 |
| W422420 | | <20 | 0.07 | <10 | <10 | 54 | <10 | 92 |
| W422421 | | <20 | 0.07 | <10 | <10 | 62 | <10 | 88 |
| W422422 | | <20 | 0.07 | <10 | <10 | 45 | <10 | 84 |
| W422423 | | <20 | 0.07 | <10 | <10 | 46 | <10 | 79 |
| W422424 | | <20 | 0.05 | <10 | <10 | 35 | <10 | 68 |
| W422425 | | <20 | 0.02 | <10 | <10 | 33 | <10 | 19 |
| W422426 | | <20 | 0.04 | <10 | <10 | 48 | <10 | 99 |
| W422427 | | <20 | 0.04 | <10 | <10 | 44 | <10 | 64 |
| W422428 | | <20 | 0.04 | <10 | <10 | 34 | <10 | 63 |
| W422429 | | <20 | 0.04 | <10 | <10 | 39 | <10 | 67 |
| W422430 | | <20 | 0.03 | <10 | <10 | 41 | <10 | 53 |
| W422431 | | <20 | 0.04 | <10 | <10 | 38 | <10 | 51 |
| W422432 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 62 |
| W422433 | | <20 | 0.05 | <10 | <10 | 46 | <10 | 64 |
| W422434 | | <20 | 0.06 | <10 | <10 | 48 | <10 | 96 |
| W422435 | | <20 | 0.07 | <10 | <10 | 54 | <10 | 72 |
| W422436 | | <20 | 0.05 | <10 | <10 | 53 | <10 | 71 |
| W422437 | | <20 | 0.05 | <10 | <10 | 48 | <10 | 54 |
| W422438 | | <20 | 0.04 | <10 | <10 | 48 | <10 | 53 |
| W422439 | | <20 | 0.05 | <10 | <10 | 39 | 10 | 60 |
| W422440 | | 20 | 0.07 | <10 | <10 | 40 | <10 | 83 |



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 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| | LOR | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W422441 | | 0.41 | 0.018 | <0.2 | 1.97 | 57 | <10 | 150 | 0.8 | <2 | 0.24 | <0.5 | 16 | 34 | 36 | 3.35 |
| W422442 | | 0.64 | 0.011 | 0.2 | 2.17 | 41 | <10 | 140 | 0.9 | <2 | 0.16 | <0.5 | 13 | 36 | 36 | 3.40 |
| W422443 | | 0.53 | 0.005 | <0.2 | 2.37 | 47 | <10 | 180 | 1.0 | <2 | 0.14 | <0.5 | 15 | 40 | 33 | 3.07 |
| W422444 | | 0.40 | 0.015 | <0.2 | 2.05 | 120 | <10 | 120 | 0.6 | <2 | 0.17 | <0.5 | 17 | 35 | 41 | 3.10 |
| W422445 | | 0.43 | 0.007 | <0.2 | 1.92 | 43 | <10 | 150 | 0.8 | <2 | 0.29 | <0.5 | 15 | 34 | 40 | 3.23 |
| W422446 | | 0.50 | 0.013 | <0.2 | 1.65 | 50 | <10 | 120 | 0.9 | <2 | 0.27 | <0.5 | 16 | 31 | 38 | 3.51 |
| W422447 | | 0.54 | 0.008 | <0.2 | 1.81 | 37 | <10 | 190 | 0.6 | <2 | 0.23 | <0.5 | 12 | 31 | 32 | 2.91 |
| W422448 | | 0.44 | 0.003 | <0.2 | 2.61 | 23 | <10 | 280 | 1.2 | <2 | 0.24 | <0.5 | 22 | 49 | 42 | 4.21 |
| W422449 | | 0.63 | 0.017 | <0.2 | 2.09 | 22 | <10 | 220 | 1.9 | <2 | 0.69 | <0.5 | 11 | 13 | 20 | 2.67 |
| W422450 | | 0.42 | 0.061 | 0.6 | 1.45 | 145 | <10 | 150 | 1.4 | 3 | 0.41 | 1.8 | 10 | 15 | 24 | 3.48 |
| W422451 | | 0.22 | 0.005 | <0.2 | 1.13 | 12 | <10 | 90 | <0.5 | <2 | 0.07 | <0.5 | 4 | 31 | 11 | 2.07 |
| W422452 | | 0.41 | 0.005 | <0.2 | 1.45 | 38 | <10 | 110 | <0.5 | <2 | 0.13 | <0.5 | 14 | 25 | 27 | 2.84 |
| W422453 | | 0.39 | 0.007 | <0.2 | 1.72 | 45 | <10 | 110 | 0.5 | <2 | 0.11 | <0.5 | 13 | 29 | 26 | 2.85 |
| W422454 | | 0.38 | 0.019 | <0.2 | 1.56 | 43 | <10 | 140 | <0.5 | <2 | 0.16 | <0.5 | 12 | 27 | 30 | 2.76 |
| W422455 | | 0.39 | 0.004 | <0.2 | 1.89 | 43 | <10 | 130 | 0.5 | <2 | 0.16 | <0.5 | 12 | 31 | 38 | 3.18 |
| W422456 | | 0.64 | 0.015 | <0.2 | 1.39 | 93 | <10 | 100 | 0.5 | <2 | 0.20 | <0.5 | 18 | 24 | 42 | 2.81 |
| W422457 | | 0.51 | 0.004 | <0.2 | 1.62 | 30 | <10 | 130 | 0.5 | 2 | 0.20 | 0.5 | 16 | 29 | 39 | 3.15 |
| W422458 | | 0.34 | 0.010 | <0.2 | 1.40 | 17 | <10 | 60 | <0.5 | <2 | 0.09 | <0.5 | 8 | 24 | 28 | 2.55 |
| W422459 | | 0.46 | 0.003 | <0.2 | 1.36 | 14 | <10 | 90 | <0.5 | <2 | 0.10 | <0.5 | 11 | 22 | 21 | 2.54 |
| W422460 | | 0.25 | 0.003 | 0.2 | 1.61 | 29 | <10 | 180 | <0.5 | <2 | 0.14 | <0.5 | 10 | 25 | 28 | 2.73 |
| W422461 | | 0.30 | <0.001 | 0.3 | 0.88 | 26 | <10 | 90 | <0.5 | <2 | 0.09 | <0.5 | 4 | 18 | 13 | 2.11 |
| W422462 | | 0.37 | <0.001 | 0.2 | 1.32 | 29 | <10 | 100 | <0.5 | <2 | 0.08 | <0.5 | 8 | 23 | 17 | 2.54 |
| W422463 | | 0.39 | 0.002 | 0.2 | 1.41 | 25 | <10 | 90 | <0.5 | <2 | 0.07 | <0.5 | 7 | 23 | 15 | 2.39 |
| W422464 | | 0.38 | 0.012 | <0.2 | 1.15 | 53 | <10 | 110 | <0.5 | <2 | 0.09 | <0.5 | 7 | 21 | 21 | 2.23 |
| W422465 | | 0.20 | 0.003 | 0.4 | 0.89 | 31 | <10 | 150 | <0.5 | <2 | 0.06 | <0.5 | 109 | 18 | 14 | 2.30 |
| W422466 | | 0.28 | 0.002 | 0.2 | 1.13 | 28 | <10 | 90 | <0.5 | <2 | 0.05 | <0.5 | 5 | 19 | 14 | 1.95 |
| W422467 | | 0.41 | 0.006 | 0.3 | 2.22 | 48 | <10 | 140 | 0.7 | 2 | 0.13 | <0.5 | 14 | 35 | 36 | 3.47 |
| W422468 | | 0.40 | 0.004 | 0.4 | 2.27 | 51 | <10 | 110 | 0.7 | <2 | 0.09 | <0.5 | 15 | 36 | 36 | 3.61 |
| W422469 | | 0.37 | 0.020 | 1.1 | 1.29 | 391 | <10 | 60 | <0.5 | <2 | 0.11 | <0.5 | 24 | 21 | 45 | 3.43 |
| W422470 | | 0.58 | 0.008 | 0.2 | 1.87 | 64 | <10 | 120 | 0.6 | <2 | 0.32 | <0.5 | 16 | 29 | 41 | 3.08 |
| W422471 | | 0.43 | 0.013 | 0.2 | 1.50 | 34 | <10 | 60 | <0.5 | <2 | 0.08 | <0.5 | 9 | 23 | 38 | 2.73 |
| W422472 | | 0.48 | 0.007 | <0.2 | 2.18 | 109 | <10 | 120 | 0.7 | <2 | 0.15 | <0.5 | 34 | 33 | 84 | 3.32 |
| W422473 | | 0.43 | 0.017 | <0.2 | 1.97 | 20 | <10 | 150 | 0.6 | <2 | 0.24 | <0.5 | 15 | 31 | 41 | 2.92 |
| W422474 | | 0.38 | 0.008 | 0.3 | 2.93 | 21 | <10 | 220 | 0.9 | <2 | 0.34 | <0.5 | 15 | 41 | 49 | 3.48 |
| W422475 | | 0.59 | 0.016 | 0.2 | 2.32 | 37 | <10 | 200 | 0.8 | 2 | 0.21 | <0.5 | 18 | 36 | 49 | 3.33 |
| W422476 | | 0.35 | 0.006 | 0.2 | 1.12 | 8 | <10 | 90 | <0.5 | <2 | 0.08 | <0.5 | 5 | 20 | 19 | 2.00 |
| W422477 | | 0.22 | 0.003 | 0.4 | 0.60 | 9 | <10 | 70 | <0.5 | <2 | 0.06 | <0.5 | 3 | 14 | 14 | 1.45 |
| W422479 | | 0.27 | 0.006 | 0.3 | 0.82 | 15 | <10 | 110 | <0.5 | 2 | 0.16 | 1.1 | 5 | 18 | 17 | 1.64 |
| W422480 | | 0.36 | 0.005 | 0.2 | 1.63 | 23 | <10 | 120 | <0.5 | <2 | 0.08 | <0.5 | 9 | 28 | 21 | 2.98 |
| W422481 | | 0.29 | 0.002 | 0.2 | 1.41 | 16 | <10 | 150 | <0.5 | <2 | 0.08 | <0.5 | 14 | 22 | 17 | 2.40 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| | Analyte | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| Units | | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| LOR | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W422441 | | 10 | 1 | 0.20 | 30 | 0.72 | 527 | 1 | 0.02 | 38 | 700 | 13 | 0.02 | <2 | 3 | 18 |
| W422442 | | 10 | <1 | 0.18 | 30 | 0.72 | 525 | 1 | 0.01 | 35 | 640 | 12 | 0.04 | <2 | 3 | 16 |
| W422443 | | 10 | <1 | 0.21 | 30 | 0.77 | 611 | 1 | 0.02 | 33 | 530 | 14 | 0.04 | <2 | 3 | 14 |
| W422444 | | 10 | 1 | 0.18 | 20 | 0.79 | 518 | 1 | 0.02 | 32 | 730 | 14 | 0.06 | <2 | 2 | 16 |
| W422445 | | 10 | <1 | 0.20 | 30 | 0.73 | 474 | 1 | 0.02 | 39 | 950 | 11 | 0.02 | <2 | 3 | 18 |
| W422446 | | <10 | <1 | 0.17 | 40 | 0.63 | 679 | 1 | 0.02 | 38 | 830 | 16 | 0.03 | <2 | 3 | 17 |
| W422447 | | 10 | <1 | 0.16 | 20 | 0.60 | 409 | 1 | 0.02 | 30 | 720 | 12 | 0.03 | <2 | 3 | 16 |
| W422448 | | 10 | 1 | 0.48 | 40 | 0.89 | 773 | 1 | 0.03 | 45 | 1060 | 27 | 0.05 | <2 | 7 | 28 |
| W422449 | | 10 | 1 | 0.17 | 50 | 0.58 | 724 | <1 | 0.02 | 9 | 1140 | 23 | 0.02 | <2 | 5 | 65 |
| W422450 | | 10 | <1 | 0.11 | 50 | 0.44 | 867 | 1 | 0.02 | 13 | 990 | 47 | 0.03 | <2 | 5 | 61 |
| W422451 | | <10 | <1 | 0.04 | 10 | 0.28 | 151 | 2 | 0.01 | 18 | 670 | 10 | 0.05 | <2 | <1 | 10 |
| W422452 | | <10 | 1 | 0.05 | 20 | 0.40 | 620 | 1 | 0.01 | 25 | 770 | 15 | 0.03 | <2 | 2 | 13 |
| W422453 | | <10 | <1 | 0.04 | 30 | 0.47 | 498 | 1 | 0.01 | 25 | 810 | 13 | 0.03 | <2 | 3 | 11 |
| W422454 | | <10 | <1 | 0.06 | 20 | 0.51 | 434 | 1 | 0.02 | 28 | 760 | 14 | 0.04 | <2 | 2 | 14 |
| W422455 | | 10 | <1 | 0.06 | 20 | 0.62 | 401 | 1 | 0.02 | 31 | 800 | 18 | 0.04 | <2 | 3 | 15 |
| W422456 | | <10 | 1 | 0.04 | 30 | 0.46 | 491 | 1 | 0.02 | 37 | 940 | 18 | 0.02 | <2 | 2 | 15 |
| W422457 | | <10 | <1 | 0.07 | 30 | 0.53 | 667 | 1 | 0.02 | 38 | 1010 | 22 | 0.04 | <2 | 3 | 18 |
| W422458 | | 10 | <1 | 0.03 | 10 | 0.28 | 298 | 2 | 0.01 | 20 | 870 | 17 | 0.07 | <2 | 1 | 10 |
| W422459 | | <10 | <1 | 0.04 | 10 | 0.35 | 317 | 1 | 0.01 | 27 | 480 | 14 | 0.03 | <2 | 2 | 10 |
| W422460 | | <10 | <1 | 0.06 | 30 | 0.41 | 301 | 1 | 0.01 | 24 | 850 | 24 | 0.07 | <2 | 1 | 16 |
| W422461 | | <10 | <1 | 0.04 | 10 | 0.16 | 358 | 1 | 0.01 | 12 | 780 | 12 | 0.08 | <2 | <1 | 9 |
| W422462 | | <10 | <1 | 0.04 | 10 | 0.34 | 333 | 1 | 0.01 | 18 | 650 | 15 | 0.05 | <2 | 1 | 8 |
| W422463 | | <10 | <1 | 0.03 | 10 | 0.34 | 295 | 1 | 0.01 | 16 | 590 | 12 | 0.04 | <2 | 1 | 8 |
| W422464 | | <10 | <1 | 0.07 | 20 | 0.33 | 230 | 1 | 0.01 | 19 | 510 | 14 | 0.02 | <2 | 2 | 7 |
| W422465 | | <10 | <1 | 0.06 | 10 | 0.11 | 7920 | 2 | 0.01 | 11 | 1560 | 53 | 0.14 | <2 | <1 | 8 |
| W422466 | | <10 | <1 | 0.10 | 10 | 0.27 | 127 | 1 | 0.01 | 15 | 480 | 13 | 0.04 | <2 | 1 | 7 |
| W422467 | | 10 | <1 | 0.06 | 30 | 0.82 | 635 | 1 | 0.01 | 29 | 620 | 28 | 0.04 | <2 | 3 | 12 |
| W422468 | | 10 | <1 | 0.06 | 30 | 0.82 | 805 | 1 | 0.01 | 28 | 770 | 31 | 0.04 | <2 | 2 | 11 |
| W422469 | | <10 | <1 | 0.04 | 30 | 0.43 | 1235 | 1 | 0.01 | 37 | 880 | 37 | 0.04 | 2 | 1 | 10 |
| W422470 | | 10 | <1 | 0.10 | 40 | 0.97 | 835 | 1 | 0.02 | 34 | 700 | 19 | 0.04 | <2 | 3 | 18 |
| W422471 | | <10 | <1 | 0.04 | 30 | 0.50 | 382 | 1 | 0.02 | 21 | 770 | 14 | 0.08 | <2 | 1 | 9 |
| W422472 | | 10 | <1 | 0.21 | 50 | 1.03 | 639 | 1 | 0.02 | 49 | 660 | 27 | 0.05 | <2 | 3 | 15 |
| W422473 | | 10 | <1 | 0.23 | 20 | 0.95 | 557 | 1 | 0.02 | 33 | 860 | 12 | 0.04 | <2 | 3 | 20 |
| W422474 | | 10 | <1 | 0.21 | 30 | 1.24 | 916 | 1 | 0.02 | 33 | 960 | 19 | 0.08 | <2 | 3 | 24 |
| W422475 | | 10 | <1 | 0.11 | 30 | 0.88 | 645 | 1 | 0.02 | 41 | 780 | 22 | 0.03 | <2 | 3 | 18 |
| W422476 | | <10 | <1 | 0.05 | 10 | 0.27 | 170 | 1 | 0.02 | 17 | 830 | 10 | 0.11 | <2 | 1 | 10 |
| W422477 | | <10 | <1 | 0.06 | 10 | 0.09 | 83 | 1 | 0.02 | 10 | 840 | 8 | 0.08 | <2 | <1 | 8 |
| W422479 | | <10 | <1 | 0.08 | 10 | 0.23 | 199 | 1 | 0.01 | 14 | 1100 | 11 | 0.11 | <2 | 1 | 15 |
| W422480 | | 10 | <1 | 0.06 | 20 | 0.43 | 484 | 1 | 0.01 | 20 | 780 | 14 | 0.05 | <2 | 1 | 9 |
| W422481 | | <10 | <1 | 0.06 | 20 | 0.30 | 1975 | 1 | 0.01 | 15 | 770 | 14 | 0.08 | <2 | 1 | 11 |



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W422441 | | <20 | 0.07 | <10 | <10 | 47 | <10 | 76 |
| W422442 | | <20 | 0.07 | <10 | <10 | 53 | <10 | 82 |
| W422443 | | <20 | 0.08 | <10 | <10 | 53 | <10 | 70 |
| W422444 | | <20 | 0.08 | <10 | <10 | 60 | <10 | 84 |
| W422445 | | <20 | 0.09 | <10 | <10 | 52 | <10 | 85 |
| W422446 | | <20 | 0.05 | <10 | <10 | 41 | <10 | 90 |
| W422447 | | <20 | 0.07 | <10 | <10 | 45 | <10 | 80 |
| W422448 | | <20 | 0.11 | <10 | <10 | 58 | <10 | 107 |
| W422449 | | <20 | 0.02 | <10 | <10 | 24 | <10 | 78 |
| W422450 | | <20 | 0.03 | <10 | 10 | 27 | 10 | 135 |
| W422451 | | <20 | 0.02 | <10 | <10 | 43 | <10 | 38 |
| W422452 | | <20 | 0.03 | <10 | <10 | 39 | <10 | 74 |
| W422453 | | <20 | 0.04 | <10 | <10 | 46 | <10 | 77 |
| W422454 | | <20 | 0.04 | <10 | <10 | 41 | <10 | 78 |
| W422455 | | <20 | 0.05 | <10 | <10 | 47 | <10 | 86 |
| W422456 | | <20 | 0.04 | <10 | <10 | 38 | <10 | 86 |
| W422457 | | <20 | 0.05 | <10 | <10 | 44 | <10 | 94 |
| W422458 | | <20 | 0.03 | <10 | <10 | 46 | <10 | 54 |
| W422459 | | <20 | 0.04 | <10 | <10 | 38 | <10 | 67 |
| W422460 | | <20 | 0.03 | <10 | <10 | 45 | <10 | 63 |
| W422461 | | <20 | 0.02 | <10 | <10 | 46 | <10 | 39 |
| W422462 | | <20 | 0.02 | <10 | <10 | 42 | <10 | 58 |
| W422463 | | <20 | 0.02 | <10 | <10 | 40 | <10 | 56 |
| W422464 | | <20 | 0.04 | <10 | <10 | 29 | <10 | 55 |
| W422465 | | <20 | 0.01 | <10 | <10 | 39 | <10 | 40 |
| W422466 | | <20 | 0.03 | <10 | <10 | 28 | <10 | 47 |
| W422467 | | <20 | 0.05 | <10 | <10 | 55 | <10 | 88 |
| W422468 | | <20 | 0.05 | <10 | <10 | 57 | <10 | 90 |
| W422469 | | <20 | 0.02 | <10 | <10 | 29 | <10 | 99 |
| W422470 | | <20 | 0.05 | <10 | <10 | 43 | <10 | 88 |
| W422471 | | <20 | 0.03 | <10 | <10 | 34 | <10 | 62 |
| W422472 | | <20 | 0.08 | <10 | <10 | 47 | <10 | 93 |
| W422473 | | <20 | 0.08 | <10 | <10 | 48 | <10 | 80 |
| W422474 | | <20 | 0.08 | <10 | <10 | 62 | <10 | 86 |
| W422475 | | <20 | 0.07 | <10 | <10 | 59 | <10 | 96 |
| W422476 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 43 |
| W422477 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 29 |
| W422479 | | <20 | 0.03 | <10 | <10 | 36 | <10 | 47 |
| W422480 | | <20 | 0.04 | <10 | <10 | 54 | <10 | 63 |
| W422481 | | <20 | 0.03 | <10 | <10 | 44 | <10 | 53 |



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

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 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

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CERTIFICATE OF ANALYSIS WH17184070

| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| Units | | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| LOR | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W422482 | | 0.25 | 0.002 | 0.2 | 1.30 | 20 | <10 | 140 | <0.5 | <2 | 0.07 | <0.5 | 8 | 23 | 15 | 2.51 |
| W422483 | | 0.65 | 0.015 | <0.2 | 1.32 | 62 | <10 | 130 | <0.5 | <2 | 0.30 | <0.5 | 8 | 24 | 21 | 2.45 |
| W422484 | | 0.46 | 0.017 | 0.3 | 1.65 | 55 | <10 | 280 | 0.6 | <2 | 0.21 | 0.5 | 13 | 31 | 37 | 3.19 |
| W422485 | | 0.40 | 0.013 | 0.2 | 1.27 | 77 | <10 | 140 | <0.5 | 3 | 0.14 | 0.8 | 16 | 25 | 34 | 2.79 |
| W422486 | | 0.43 | 0.007 | 0.2 | 1.26 | 53 | <10 | 170 | <0.5 | 2 | 0.08 | <0.5 | 14 | 24 | 26 | 2.36 |
| W422487 | | 0.40 | 0.132 | 1.3 | 1.11 | 1145 | <10 | 430 | 4.7 | 9 | 0.07 | 0.9 | 17 | 41 | 192 | 15.75 |
| W422488 | | 0.38 | 0.005 | <0.2 | 2.54 | 22 | <10 | 240 | 1.0 | 2 | 0.19 | <0.5 | 14 | 39 | 34 | 3.02 |
| W422489 | | 0.41 | 0.003 | <0.2 | 1.60 | 15 | <10 | 280 | 0.6 | <2 | 0.18 | <0.5 | 13 | 28 | 28 | 2.56 |
| W422490 | | 0.40 | 0.003 | <0.2 | 1.71 | 16 | <10 | 80 | <0.5 | <2 | 0.09 | <0.5 | 6 | 29 | 10 | 3.92 |
| W422491 | | 0.36 | 0.008 | 0.8 | 2.00 | 54 | <10 | 140 | 0.7 | <2 | 0.10 | <0.5 | 13 | 34 | 33 | 3.83 |
| W422492 | | 0.36 | 0.006 | 0.4 | 1.66 | 35 | <10 | 70 | <0.5 | <2 | 0.07 | <0.5 | 7 | 29 | 25 | 3.20 |
| W422493 | | 0.55 | 0.016 | 0.6 | 1.43 | 132 | <10 | 90 | 0.5 | <2 | 0.11 | 2.1 | 17 | 26 | 51 | 3.91 |
| W422494 | | 0.58 | 0.006 | 0.6 | 1.42 | 39 | <10 | 70 | 0.5 | <2 | 0.06 | 1.0 | 15 | 25 | 46 | 3.94 |
| W422495 | | 0.65 | 0.018 | 0.7 | 1.40 | 39 | <10 | 80 | 0.7 | <2 | 0.12 | 2.9 | 25 | 26 | 58 | 4.18 |
| W422496 | | 0.57 | 0.011 | 0.6 | 1.17 | 76 | <10 | 60 | 0.6 | <2 | 0.06 | 0.8 | 16 | 21 | 38 | 3.67 |
| W422497 | | 0.66 | 0.015 | 0.7 | 1.62 | 74 | <10 | 80 | 0.7 | <2 | 0.12 | 0.6 | 45 | 31 | 60 | 4.39 |
| W422498 | | 0.42 | 0.025 | <0.2 | 1.63 | 16 | <10 | 110 | 0.5 | <2 | 0.12 | <0.5 | 12 | 29 | 25 | 2.70 |
| W422499 | | 0.49 | 0.020 | <0.2 | 1.86 | 16 | <10 | 150 | 0.6 | <2 | 0.11 | <0.5 | 14 | 34 | 25 | 3.07 |
| W422500 | | 0.35 | 0.012 | 0.2 | 2.37 | 14 | <10 | 130 | 0.6 | <2 | 0.07 | <0.5 | 13 | 35 | 33 | 3.18 |
| W422501 | | 0.47 | 0.013 | 0.2 | 1.44 | 19 | <10 | 130 | 0.5 | <2 | 0.23 | 0.7 | 13 | 28 | 29 | 2.82 |
| W422502 | | 0.38 | 0.013 | 0.2 | 1.99 | 17 | <10 | 180 | 0.6 | <2 | 0.19 | <0.5 | 13 | 34 | 30 | 2.83 |
| W422503 | | 0.46 | 0.008 | 0.2 | 2.42 | 15 | <10 | 180 | 0.8 | <2 | 0.15 | 0.6 | 15 | 37 | 27 | 2.95 |
| W422504 | | 0.34 | 0.008 | 0.2 | 1.74 | 18 | <10 | 100 | <0.5 | <2 | 0.09 | <0.5 | 9 | 31 | 16 | 2.93 |
| W422505 | | 0.37 | 0.008 | 0.2 | 1.50 | 19 | <10 | 110 | <0.5 | <2 | 0.10 | <0.5 | 7 | 27 | 16 | 2.48 |
| W422506 | | 0.33 | 0.046 | <0.2 | 2.41 | 22 | <10 | 260 | 0.8 | <2 | 0.18 | <0.5 | 15 | 55 | 37 | 3.41 |
| W422507 | | 0.26 | 0.012 | <0.2 | 2.13 | 15 | <10 | 180 | 0.7 | <2 | 0.13 | <0.5 | 13 | 38 | 22 | 2.90 |
| W422508 | | 0.51 | 0.011 | <0.2 | 2.73 | 18 | <10 | 220 | 0.8 | <2 | 0.31 | <0.5 | 12 | 40 | 22 | 2.86 |
| W422509 | | 0.37 | 0.005 | <0.2 | 1.88 | 13 | <10 | 160 | 0.6 | <2 | 0.18 | <0.5 | 11 | 33 | 19 | 2.61 |
| W422510 | | 0.43 | 0.005 | 0.2 | 2.23 | 41 | <10 | 230 | 0.8 | <2 | 0.21 | <0.5 | 13 | 52 | 20 | 3.26 |
| W422511 | | 0.31 | 0.018 | <0.2 | 1.78 | 18 | <10 | 170 | 0.5 | <2 | 0.24 | <0.5 | 11 | 36 | 23 | 2.66 |
| W422512 | | 0.43 | <0.001 | 0.2 | 1.70 | 24 | <10 | 220 | 0.7 | 2 | 0.28 | <0.5 | 10 | 44 | 18 | 2.93 |
| W422513 | | 0.39 | 0.010 | <0.2 | 1.82 | 13 | <10 | 170 | 0.6 | <2 | 0.12 | <0.5 | 8 | 34 | 13 | 2.87 |
| W422514 | | 0.35 | 0.040 | 0.5 | 2.25 | 48 | <10 | 300 | 1.5 | 2 | 0.37 | 0.7 | 13 | 42 | 29 | 3.96 |
| W422515 | | 0.34 | 0.007 | 0.7 | 2.08 | 87 | <10 | 240 | 1.0 | <2 | 0.37 | <0.5 | 16 | 43 | 21 | 3.86 |
| W422516 | | 0.31 | 0.002 | 0.5 | 1.78 | 88 | <10 | 160 | 0.8 | 2 | 0.28 | <0.5 | 16 | 38 | 34 | 3.51 |
| W422517 | | 0.25 | <0.001 | 0.2 | 1.09 | 5 | <10 | 70 | <0.5 | <2 | 0.11 | <0.5 | 3 | 15 | 16 | 1.37 |
| W422518 | | 0.54 | 0.047 | 0.2 | 1.53 | 62 | <10 | 140 | 0.9 | 2 | 0.29 | <0.5 | 10 | 19 | 22 | 3.18 |
| W422519 | | 0.46 | 0.273 | 1.0 | 1.32 | 232 | 10 | 160 | 1.6 | 3 | 0.47 | 0.5 | 15 | 15 | 35 | 3.98 |
| W422520 | | 0.43 | 0.160 | 0.4 | 1.58 | 131 | <10 | 170 | 1.0 | 4 | 0.49 | 0.6 | 10 | 17 | 17 | 3.32 |
| W422521 | | 0.61 | 0.086 | 0.4 | 1.46 | 129 | <10 | 180 | 0.8 | 3 | 0.41 | <0.5 | 9 | 14 | 12 | 3.16 |



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

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 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

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CERTIFICATE OF ANALYSIS WH17184070

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W422482 | | <10 | <1 | 0.05 | 10 | 0.32 | 541 | 1 | 0.01 | 16 | 640 | 14 | 0.06 | <2 | 1 | 10 |
| W422483 | | <10 | <1 | 0.06 | 30 | 0.35 | 422 | 1 | 0.01 | 21 | 540 | 13 | 0.04 | <2 | 2 | 20 |
| W422484 | | <10 | <1 | 0.18 | 30 | 0.50 | 623 | 1 | 0.01 | 33 | 630 | 21 | 0.02 | 2 | 4 | 21 |
| W422485 | | <10 | <1 | 0.39 | 30 | 0.41 | 558 | 2 | 0.01 | 31 | 450 | 38 | 0.02 | 2 | 2 | 16 |
| W422486 | | <10 | <1 | 0.37 | 30 | 0.39 | 810 | 1 | 0.01 | 27 | 270 | 46 | 0.01 | <2 | 2 | 9 |
| W422487 | | <10 | <1 | 0.07 | 130 | 0.15 | 3850 | 7 | 0.01 | 114 | 1520 | 45 | 0.01 | <2 | 7 | 11 |
| W422488 | | 10 | <1 | 0.39 | 30 | 1.01 | 750 | <1 | 0.01 | 38 | 620 | 25 | 0.02 | <2 | 4 | 16 |
| W422489 | | <10 | <1 | 0.13 | 20 | 0.60 | 451 | 1 | 0.01 | 30 | 540 | 13 | 0.02 | <2 | 4 | 18 |
| W422490 | | 10 | <1 | 0.04 | 10 | 0.34 | 337 | 2 | 0.01 | 14 | 310 | 16 | 0.03 | <2 | 2 | 10 |
| W422491 | | 10 | <1 | 0.07 | 20 | 0.50 | 585 | 1 | 0.01 | 27 | 760 | 108 | 0.05 | <2 | 2 | 15 |
| W422492 | | 10 | <1 | 0.07 | 20 | 0.39 | 288 | 1 | 0.01 | 19 | 630 | 55 | 0.05 | <2 | 1 | 10 |
| W422493 | | <10 | <1 | 0.20 | 30 | 0.47 | 699 | 1 | 0.01 | 35 | 700 | 84 | 0.10 | <2 | 2 | 15 |
| W422494 | | <10 | <1 | 0.18 | 30 | 0.41 | 674 | 1 | 0.01 | 27 | 800 | 57 | 0.10 | <2 | 1 | 12 |
| W422495 | | <10 | <1 | 0.21 | 30 | 0.50 | 960 | 1 | 0.01 | 52 | 720 | 119 | 0.05 | <2 | 2 | 15 |
| W422496 | | <10 | <1 | 0.15 | 30 | 0.34 | 990 | 1 | 0.01 | 31 | 570 | 71 | 0.05 | 2 | 1 | 12 |
| W422497 | | <10 | <1 | 0.22 | 30 | 0.55 | 1815 | 2 | 0.01 | 50 | 1090 | 61 | 0.07 | <2 | 2 | 11 |
| W422498 | | <10 | <1 | 0.06 | 20 | 0.55 | 402 | 1 | 0.01 | 31 | 380 | 12 | 0.03 | <2 | 2 | 12 |
| W422499 | | <10 | <1 | 0.12 | 20 | 0.53 | 581 | 1 | 0.01 | 30 | 590 | 15 | 0.05 | <2 | 2 | 12 |
| W422500 | | 10 | <1 | 0.11 | 20 | 0.50 | 642 | 1 | 0.01 | 28 | 910 | 20 | 0.08 | <2 | 1 | 9 |
| W422501 | | <10 | <1 | 0.09 | 20 | 0.50 | 591 | 1 | 0.01 | 32 | 930 | 37 | 0.02 | <2 | 3 | 17 |
| W422502 | | 10 | <1 | 0.13 | 20 | 0.55 | 686 | 1 | 0.01 | 31 | 970 | 19 | 0.04 | <2 | 2 | 16 |
| W422503 | | 10 | <1 | 0.10 | 20 | 0.57 | 756 | 1 | 0.01 | 34 | 840 | 14 | 0.05 | <2 | 3 | 13 |
| W422504 | | 10 | <1 | 0.06 | 10 | 0.40 | 456 | 1 | 0.01 | 19 | 550 | 13 | 0.04 | <2 | 2 | 10 |
| W422505 | | <10 | <1 | 0.06 | 10 | 0.38 | 251 | 1 | 0.01 | 19 | 630 | 11 | 0.05 | <2 | 1 | 10 |
| W422506 | | 10 | <1 | 0.17 | 30 | 0.76 | 631 | 2 | 0.02 | 47 | 590 | 13 | 0.04 | <2 | 4 | 15 |
| W422507 | | 10 | <1 | 0.10 | 20 | 0.59 | 545 | 1 | 0.02 | 30 | 760 | 11 | 0.05 | 2 | 3 | 13 |
| W422508 | | 10 | <1 | 0.15 | 20 | 0.88 | 533 | 1 | 0.04 | 34 | 720 | 11 | 0.05 | <2 | 3 | 23 |
| W422509 | | 10 | <1 | 0.10 | 20 | 0.61 | 454 | 1 | 0.02 | 29 | 650 | 9 | 0.04 | <2 | 3 | 16 |
| W422510 | | 10 | <1 | 0.30 | 20 | 0.73 | 460 | 1 | 0.02 | 27 | 780 | 14 | 0.02 | <2 | 4 | 17 |
| W422511 | | 10 | <1 | 0.22 | 20 | 0.60 | 333 | <1 | 0.02 | 27 | 720 | 10 | 0.03 | <2 | 3 | 26 |
| W422512 | | 10 | <1 | 0.17 | 20 | 0.61 | 443 | 1 | 0.02 | 23 | 920 | 18 | 0.02 | <2 | 5 | 21 |
| W422513 | | 10 | <1 | 0.10 | 10 | 0.50 | 404 | 1 | 0.02 | 18 | 560 | 11 | 0.06 | <2 | 2 | 13 |
| W422514 | | 10 | <1 | 0.18 | 50 | 0.77 | 1055 | 1 | 0.02 | 24 | 1040 | 39 | 0.04 | <2 | 5 | 23 |
| W422515 | | 10 | <1 | 0.17 | 30 | 0.78 | 1615 | <1 | 0.02 | 34 | 880 | 15 | 0.03 | <2 | 5 | 37 |
| W422516 | | 10 | <1 | 0.22 | 30 | 0.66 | 522 | 1 | 0.01 | 43 | 800 | 17 | 0.02 | <2 | 4 | 22 |
| W422517 | | <10 | <1 | 0.08 | 20 | 0.13 | 86 | 1 | 0.03 | 9 | 1630 | 10 | 0.21 | <2 | 1 | 14 |
| W422518 | | 10 | <1 | 0.12 | 40 | 0.46 | 769 | 1 | 0.02 | 18 | 1220 | 17 | 0.03 | <2 | 4 | 22 |
| W422519 | | <10 | <1 | 0.09 | 70 | 0.39 | 1835 | 2 | 0.02 | 16 | 1360 | 45 | 0.08 | 2 | 4 | 46 |
| W422520 | | 10 | <1 | 0.13 | 40 | 0.60 | 940 | 1 | 0.02 | 13 | 1130 | 29 | 0.03 | <2 | 5 | 62 |
| W422521 | | 10 | <1 | 0.16 | 40 | 0.56 | 794 | 1 | 0.02 | 10 | 1170 | 24 | 0.02 | <2 | 5 | 34 |



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 North Vancouver BC V7H 0A7
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W422482 | | <20 | 0.04 | <10 | <10 | 43 | <10 | 56 |
| W422483 | | <20 | 0.03 | <10 | <10 | 36 | <10 | 62 |
| W422484 | | <20 | 0.07 | <10 | <10 | 39 | 10 | 91 |
| W422485 | | <20 | 0.08 | <10 | <10 | 24 | <10 | 79 |
| W422486 | | <20 | 0.07 | <10 | <10 | 20 | 10 | 63 |
| W422487 | | 30 | 0.02 | <10 | 20 | 70 | 150 | 206 |
| W422488 | | <20 | 0.08 | <10 | <10 | 50 | <10 | 92 |
| W422489 | | <20 | 0.06 | <10 | <10 | 40 | <10 | 74 |
| W422490 | | <20 | 0.07 | <10 | <10 | 78 | <10 | 56 |
| W422491 | | <20 | 0.03 | <10 | <10 | 48 | <10 | 161 |
| W422492 | | <20 | 0.04 | <10 | <10 | 47 | <10 | 96 |
| W422493 | | <20 | 0.05 | <10 | <10 | 28 | 10 | 121 |
| W422494 | | <20 | 0.04 | <10 | <10 | 27 | <10 | 116 |
| W422495 | | <20 | 0.06 | <10 | <10 | 26 | <10 | 144 |
| W422496 | | <20 | 0.03 | <10 | <10 | 22 | <10 | 143 |
| W422497 | | <20 | 0.04 | <10 | <10 | 28 | <10 | 121 |
| W422498 | | <20 | 0.07 | <10 | <10 | 47 | <10 | 66 |
| W422499 | | <20 | 0.08 | <10 | <10 | 50 | <10 | 77 |
| W422500 | | <20 | 0.04 | <10 | <10 | 46 | <10 | 79 |
| W422501 | | <20 | 0.07 | <10 | <10 | 47 | <10 | 135 |
| W422502 | | <20 | 0.06 | <10 | <10 | 52 | <10 | 88 |
| W422503 | | <20 | 0.07 | <10 | <10 | 52 | <10 | 96 |
| W422504 | | <20 | 0.07 | <10 | <10 | 60 | <10 | 57 |
| W422505 | | <20 | 0.05 | <10 | <10 | 47 | <10 | 55 |
| W422506 | | <20 | 0.13 | <10 | <10 | 67 | <10 | 88 |
| W422507 | | <20 | 0.08 | <10 | <10 | 56 | <10 | 76 |
| W422508 | | <20 | 0.11 | <10 | <10 | 59 | <10 | 85 |
| W422509 | | <20 | 0.08 | <10 | <10 | 46 | <10 | 67 |
| W422510 | | <20 | 0.11 | <10 | <10 | 58 | <10 | 77 |
| W422511 | | <20 | 0.11 | <10 | <10 | 50 | <10 | 73 |
| W422512 | | <20 | 0.10 | <10 | <10 | 57 | <10 | 95 |
| W422513 | | <20 | 0.09 | <10 | <10 | 58 | <10 | 78 |
| W422514 | | <20 | 0.11 | <10 | <10 | 55 | 10 | 105 |
| W422515 | | <20 | 0.08 | <10 | <10 | 55 | <10 | 89 |
| W422516 | | <20 | 0.08 | <10 | <10 | 47 | <10 | 90 |
| W422517 | | <20 | 0.04 | <10 | <10 | 22 | <10 | 26 |
| W422518 | | <20 | 0.05 | <10 | <10 | 34 | 20 | 98 |
| W422519 | | <20 | 0.02 | <10 | 10 | 25 | 10 | 176 |
| W422520 | | <20 | 0.05 | <10 | 10 | 28 | 10 | 109 |
| W422521 | | 20 | 0.07 | <10 | <10 | 25 | 30 | 94 |



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CERTIFICATE OF ANALYSIS WH17184070

| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| | LOR | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W422522 | | 0.20 | 0.009 | <0.2 | 1.22 | 15 | <10 | 110 | <0.5 | 2 | 0.19 | <0.5 | 5 | 19 | 23 | 2.04 |
| W422523 | | 0.36 | 0.020 | <0.2 | 1.48 | 93 | <10 | 150 | 0.5 | <2 | 0.30 | <0.5 | 8 | 20 | 19 | 2.52 |
| W422524 | | 0.35 | 0.011 | 0.2 | 2.21 | 41 | <10 | 320 | 1.1 | 2 | 0.42 | <0.5 | 12 | 47 | 14 | 3.17 |
| W422525 | | 0.30 | <0.001 | <0.2 | 1.24 | 6 | <10 | 120 | <0.5 | <2 | 0.12 | <0.5 | 4 | 22 | 20 | 2.07 |
| W422526 | | 0.39 | 0.027 | 0.4 | 1.72 | 290 | <10 | 140 | 1.1 | <2 | 0.22 | <0.5 | 9 | 23 | 19 | 2.91 |
| W422527 | | 0.44 | 0.059 | 0.4 | 1.80 | 415 | <10 | 240 | 1.0 | <2 | 0.35 | <0.5 | 12 | 25 | 25 | 3.72 |
| W422528 | | 0.45 | 0.033 | 0.3 | 1.82 | 66 | <10 | 260 | 0.7 | <2 | 0.34 | <0.5 | 9 | 20 | 18 | 3.10 |
| W422529 | | 0.50 | 0.064 | 0.2 | 1.79 | 150 | <10 | 280 | 0.9 | 2 | 0.44 | <0.5 | 10 | 19 | 17 | 3.11 |
| W422530 | | 0.38 | 0.044 | 0.3 | 1.87 | 151 | <10 | 280 | 0.9 | <2 | 0.44 | <0.5 | 9 | 20 | 17 | 3.59 |
| W422531 | | 0.28 | 0.023 | 0.4 | 1.54 | 94 | <10 | 100 | 0.7 | <2 | 0.16 | <0.5 | 8 | 21 | 22 | 3.19 |
| W422532 | | 0.34 | 0.007 | 0.2 | 1.79 | 53 | <10 | 120 | 0.6 | <2 | 0.15 | <0.5 | 10 | 27 | 21 | 2.72 |
| W422551 | | 0.30 | 0.007 | 0.3 | 1.88 | 65 | <10 | 100 | 0.5 | <2 | 0.11 | <0.5 | 11 | 31 | 24 | 3.07 |
| W422552 | | 0.28 | 0.046 | 2.4 | 2.66 | 123 | <10 | 140 | 0.8 | 3 | 0.54 | 0.5 | 16 | 38 | 57 | 3.39 |
| W422553 | | 0.38 | 0.101 | 1.1 | 2.79 | 55 | <10 | 170 | 0.8 | 2 | 0.42 | <0.5 | 21 | 39 | 77 | 3.72 |
| W422554 | | 0.20 | 0.008 | 3.7 | 1.70 | 54 | <10 | 130 | 0.7 | <2 | 0.19 | 0.5 | 19 | 29 | 49 | 3.69 |
| W422555 | | 0.38 | 0.011 | 3.8 | 2.07 | 47 | <10 | 120 | 0.8 | <2 | 0.24 | 1.2 | 25 | 33 | 97 | 4.29 |
| W422556 | | 0.32 | 0.011 | 0.3 | 1.65 | 31 | <10 | 90 | 0.5 | <2 | 0.09 | <0.5 | 27 | 33 | 41 | 3.62 |
| W422557 | | 0.37 | 0.010 | 0.2 | 1.33 | 42 | <10 | 90 | <0.5 | <2 | 0.10 | 0.8 | 19 | 24 | 39 | 3.26 |
| W422558 | | 0.33 | 0.006 | <0.2 | 1.38 | 18 | <10 | 70 | <0.5 | <2 | 0.07 | <0.5 | 9 | 29 | 18 | 3.25 |
| W422559 | | 0.35 | 0.003 | <0.2 | 1.47 | 14 | <10 | 80 | <0.5 | <2 | 0.08 | <0.5 | 7 | 25 | 17 | 2.64 |
| W422560 | | 0.25 | 0.017 | 0.2 | 2.13 | 24 | <10 | 170 | 0.8 | <2 | 0.12 | 0.7 | 20 | 38 | 36 | 3.41 |
| W422561 | | 0.32 | 0.009 | 0.3 | 1.69 | 16 | <10 | 110 | 0.5 | <2 | 0.11 | <0.5 | 10 | 29 | 26 | 2.60 |
| W422562 | | 0.43 | 0.007 | 0.3 | 1.85 | 27 | <10 | 230 | 0.6 | <2 | 0.24 | 0.5 | 21 | 39 | 41 | 3.26 |
| W422563 | | 0.26 | 0.004 | <0.2 | 1.55 | 21 | <10 | 180 | <0.5 | <2 | 0.11 | <0.5 | 9 | 27 | 22 | 2.81 |
| W422564 | | 0.21 | 0.005 | <0.2 | 1.36 | 15 | <10 | 130 | <0.5 | <2 | 0.07 | <0.5 | 19 | 25 | 20 | 2.77 |
| W422565 | | 0.39 | 0.009 | <0.2 | 1.44 | 14 | <10 | 110 | 0.5 | <2 | 0.11 | <0.5 | 6 | 25 | 29 | 2.60 |
| W422566 | | 0.21 | 0.002 | 0.4 | 1.53 | 26 | <10 | 140 | <0.5 | <2 | 0.16 | <0.5 | 10 | 31 | 25 | 3.04 |
| W422567 | | 0.48 | 0.003 | <0.2 | 1.72 | 20 | <10 | 100 | <0.5 | <2 | 0.08 | <0.5 | 10 | 31 | 17 | 3.37 |
| W422568 | | 0.41 | 0.014 | 0.2 | 1.78 | 15 | <10 | 130 | 0.5 | <2 | 0.09 | <0.5 | 8 | 31 | 19 | 2.72 |
| W422569 | | 0.48 | 0.010 | 0.2 | 2.00 | 17 | <10 | 170 | 0.6 | <2 | 0.18 | <0.5 | 11 | 44 | 23 | 2.64 |
| W422570 | | 0.36 | 0.011 | <0.2 | 2.62 | 22 | <10 | 220 | 0.8 | <2 | 0.16 | <0.5 | 17 | 43 | 26 | 3.59 |
| W422571 | | 0.59 | 0.015 | <0.2 | 1.33 | 18 | <10 | 130 | 0.5 | <2 | 0.11 | <0.5 | 10 | 30 | 20 | 2.65 |
| W422572 | | 0.32 | 0.012 | <0.2 | 1.62 | 27 | <10 | 140 | 0.5 | <2 | 0.11 | <0.5 | 8 | 34 | 18 | 2.78 |
| W422573 | | 0.44 | 0.020 | 0.3 | 2.08 | 69 | <10 | 130 | 0.9 | <2 | 0.19 | <0.5 | 28 | 54 | 34 | 5.13 |
| W422574 | | 0.38 | <0.001 | 0.2 | 2.47 | 30 | <10 | 260 | 1.0 | <2 | 0.14 | <0.5 | 53 | 52 | 24 | 4.60 |
| W422575 | | 0.47 | 0.016 | 1.6 | 1.20 | 164 | <10 | 70 | 1.6 | <2 | 0.17 | <0.5 | 37 | 18 | 51 | 6.55 |
| W422576 | | 0.43 | 0.011 | 0.2 | 1.58 | 32 | <10 | 90 | 0.5 | <2 | 0.19 | 0.5 | 17 | 30 | 31 | 3.29 |
| W422577 | | 0.43 | 0.002 | 0.2 | 1.45 | 40 | <10 | 90 | 0.5 | <2 | 0.18 | 0.9 | 19 | 29 | 33 | 3.33 |
| W422578 | | 0.48 | 0.008 | 0.4 | 1.44 | 45 | <10 | 140 | 0.6 | <2 | 0.10 | <0.5 | 20 | 28 | 34 | 3.70 |
| W422579 | | 0.35 | 0.020 | 0.3 | 1.90 | 64 | <10 | 90 | 0.6 | <2 | 0.08 | <0.5 | 11 | 33 | 25 | 3.68 |



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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | |
| W422522 | | <10 | <1 | 0.10 | 10 | 0.33 | 215 | 2 | 0.04 | 14 | 770 | 8 | 0.11 | <2 | 2 | 21 |
| W422523 | | <10 | <1 | 0.12 | 20 | 0.44 | 554 | 2 | 0.02 | 18 | 1220 | 13 | 0.03 | <2 | 3 | 32 |
| W422524 | | 10 | <1 | 0.35 | 30 | 0.91 | 737 | <1 | 0.03 | 19 | 970 | 16 | 0.03 | <2 | 7 | 40 |
| W422525 | | 10 | 1 | 0.09 | 10 | 0.27 | 135 | 2 | 0.03 | 13 | 1040 | 10 | 0.13 | <2 | 1 | 15 |
| W422526 | | 10 | <1 | 0.07 | 40 | 0.54 | 562 | 1 | 0.02 | 16 | 940 | 24 | 0.05 | <2 | 3 | 38 |
| W422527 | | 10 | <1 | 0.11 | 50 | 0.54 | 899 | 1 | 0.02 | 23 | 1030 | 25 | 0.04 | <2 | 5 | 38 |
| W422528 | | 10 | <1 | 0.22 | 40 | 0.55 | 642 | 1 | 0.03 | 15 | 1030 | 13 | 0.03 | <2 | 5 | 35 |
| W422529 | | 10 | <1 | 0.19 | 40 | 0.56 | 715 | 1 | 0.02 | 15 | 1250 | 15 | 0.03 | <2 | 5 | 63 |
| W422530 | | 10 | <1 | 0.30 | 40 | 0.64 | 945 | 1 | 0.02 | 15 | 1200 | 15 | 0.03 | <2 | 7 | 54 |
| W422531 | | <10 | <1 | 0.07 | 20 | 0.35 | 730 | 2 | 0.01 | 17 | 1030 | 92 | 0.09 | <2 | 2 | 15 |
| W422532 | | 10 | <1 | 0.07 | 20 | 0.46 | 407 | 1 | 0.01 | 25 | 720 | 14 | 0.05 | <2 | 3 | 15 |
| W422551 | | 10 | <1 | 0.06 | 20 | 0.61 | 483 | 1 | 0.01 | 23 | 590 | 19 | 0.04 | <2 | 2 | 11 |
| W422552 | | 10 | <1 | 0.24 | 30 | 1.31 | 778 | 1 | 0.07 | 40 | 690 | 32 | 0.04 | <2 | 3 | 34 |
| W422553 | | 10 | <1 | 0.51 | 40 | 1.44 | 889 | 2 | 0.05 | 45 | 740 | 22 | 0.08 | <2 | 3 | 35 |
| W422554 | | 10 | <1 | 0.10 | 30 | 0.68 | 1190 | 1 | 0.02 | 36 | 870 | 74 | 0.08 | <2 | 2 | 17 |
| W422555 | | 10 | <1 | 0.19 | 40 | 0.87 | 1330 | 1 | 0.02 | 48 | 920 | 77 | 0.06 | <2 | 2 | 20 |
| W422556 | | <10 | <1 | 0.26 | 30 | 0.54 | 1100 | 1 | 0.01 | 39 | 850 | 35 | 0.05 | <2 | 2 | 12 |
| W422557 | | <10 | <1 | 0.18 | 20 | 0.47 | 851 | 1 | 0.01 | 36 | 620 | 24 | 0.02 | <2 | 2 | 13 |
| W422558 | | <10 | <1 | 0.07 | 20 | 0.37 | 408 | 1 | 0.01 | 21 | 410 | 19 | 0.04 | <2 | 2 | 8 |
| W422559 | | <10 | <1 | 0.05 | 20 | 0.34 | 295 | 1 | 0.01 | 19 | 350 | 14 | 0.03 | <2 | 2 | 9 |
| W422560 | | 10 | <1 | 0.10 | 20 | 0.62 | 743 | 2 | 0.02 | 36 | 660 | 21 | 0.04 | <2 | 4 | 12 |
| W422561 | | 10 | <1 | 0.08 | 20 | 0.46 | 540 | 1 | 0.02 | 23 | 900 | 14 | 0.06 | <2 | 1 | 11 |
| W422562 | | 10 | <1 | 0.13 | 30 | 0.57 | 995 | 2 | 0.02 | 40 | 1030 | 19 | 0.06 | <2 | 2 | 20 |
| W422563 | | 10 | <1 | 0.06 | 20 | 0.40 | 437 | 1 | 0.01 | 22 | 610 | 15 | 0.05 | <2 | 1 | 12 |
| W422564 | | 10 | <1 | 0.06 | 10 | 0.30 | 1900 | 1 | 0.01 | 17 | 920 | 23 | 0.10 | <2 | 1 | 10 |
| W422565 | | <10 | <1 | 0.05 | 10 | 0.35 | 339 | 1 | 0.01 | 18 | 650 | 12 | 0.04 | <2 | 1 | 12 |
| W422566 | | 10 | <1 | 0.09 | 10 | 0.38 | 816 | 1 | 0.02 | 24 | 970 | 12 | 0.11 | <2 | 1 | 15 |
| W422567 | | 10 | <1 | 0.06 | 10 | 0.38 | 652 | 1 | 0.01 | 20 | 340 | 14 | 0.03 | <2 | 2 | 10 |
| W422568 | | 10 | <1 | 0.05 | 10 | 0.42 | 345 | 1 | 0.01 | 20 | 730 | 12 | 0.07 | <2 | 1 | 10 |
| W422569 | | 10 | <1 | 0.12 | 20 | 0.56 | 745 | 2 | 0.02 | 31 | 990 | 14 | 0.08 | <2 | 2 | 15 |
| W422570 | | 10 | <1 | 0.12 | 20 | 0.78 | 835 | 1 | 0.02 | 35 | 860 | 17 | 0.05 | 2 | 3 | 17 |
| W422571 | | <10 | <1 | 0.06 | 20 | 0.39 | 389 | 1 | 0.01 | 23 | 400 | 14 | 0.03 | <2 | 2 | 11 |
| W422572 | | 10 | <1 | 0.06 | 10 | 0.41 | 346 | 1 | 0.01 | 21 | 490 | 9 | 0.05 | <2 | 2 | 13 |
| W422573 | | 10 | <1 | 0.23 | 40 | 0.70 | 1140 | 2 | 0.02 | 80 | 680 | 19 | 0.02 | <2 | 5 | 27 |
| W422574 | | 10 | <1 | 0.40 | 30 | 0.76 | 1610 | 1 | 0.02 | 86 | 850 | 16 | 0.05 | <2 | 5 | 15 |
| W422575 | | <10 | <1 | 0.08 | 30 | 0.30 | 1535 | 1 | 0.01 | 71 | 1110 | 37 | 0.03 | 8 | 4 | 15 |
| W422576 | | <10 | <1 | 0.15 | 20 | 0.47 | 896 | 1 | 0.01 | 34 | 1320 | 40 | 0.06 | <2 | 2 | 14 |
| W422577 | | <10 | <1 | 0.11 | 20 | 0.43 | 735 | 1 | 0.01 | 38 | 810 | 38 | 0.05 | 2 | 2 | 14 |
| W422578 | | <10 | <1 | 0.18 | 30 | 0.39 | 711 | 1 | 0.02 | 34 | 690 | 23 | 0.14 | <2 | 3 | 28 |
| W422579 | | 10 | <1 | 0.10 | 20 | 0.44 | 465 | 1 | 0.01 | 27 | 820 | 21 | 0.06 | <2 | 2 | 11 |



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 North Vancouver BC V7H 0A7
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|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W422522 | | <20 | 0.06 | <10 | <10 | 36 | <10 | 46 |
| W422523 | | <20 | 0.07 | <10 | <10 | 36 | 10 | 82 |
| W422524 | | <20 | 0.10 | <10 | <10 | 53 | <10 | 80 |
| W422525 | | <20 | 0.07 | <10 | <10 | 43 | <10 | 43 |
| W422526 | | <20 | 0.04 | <10 | 10 | 38 | 20 | 91 |
| W422527 | | <20 | 0.05 | <10 | 10 | 43 | <10 | 100 |
| W422528 | | <20 | 0.10 | <10 | 10 | 36 | 30 | 88 |
| W422529 | | <20 | 0.08 | <10 | 10 | 35 | 20 | 95 |
| W422530 | | <20 | 0.11 | <10 | 10 | 37 | 30 | 108 |
| W422531 | | <20 | 0.04 | <10 | <10 | 39 | 20 | 113 |
| W422532 | | <20 | 0.06 | <10 | <10 | 47 | <10 | 81 |
| W422551 | | <20 | 0.05 | <10 | <10 | 50 | <10 | 70 |
| W422552 | | <20 | 0.08 | <10 | <10 | 61 | <10 | 113 |
| W422553 | | <20 | 0.10 | <10 | <10 | 54 | 10 | 93 |
| W422554 | | <20 | 0.05 | <10 | <10 | 43 | <10 | 120 |
| W422555 | | <20 | 0.06 | <10 | <10 | 42 | <10 | 196 |
| W422556 | | <20 | 0.07 | <10 | <10 | 31 | <10 | 92 |
| W422557 | | <20 | 0.05 | <10 | <10 | 27 | <10 | 87 |
| W422558 | | <20 | 0.06 | <10 | <10 | 49 | <10 | 66 |
| W422559 | | <20 | 0.05 | <10 | <10 | 50 | <10 | 50 |
| W422560 | | <20 | 0.07 | <10 | <10 | 52 | <10 | 85 |
| W422561 | | <20 | 0.05 | <10 | <10 | 53 | <10 | 64 |
| W422562 | | <20 | 0.06 | <10 | <10 | 47 | <10 | 92 |
| W422563 | | <20 | 0.04 | <10 | <10 | 49 | <10 | 65 |
| W422564 | | <20 | 0.03 | <10 | <10 | 47 | <10 | 58 |
| W422565 | | <20 | 0.04 | <10 | <10 | 47 | <10 | 52 |
| W422566 | | <20 | 0.05 | <10 | <10 | 54 | <10 | 107 |
| W422567 | | <20 | 0.08 | <10 | <10 | 67 | <10 | 59 |
| W422568 | | <20 | 0.06 | <10 | <10 | 58 | <10 | 60 |
| W422569 | | <20 | 0.07 | <10 | <10 | 57 | <10 | 79 |
| W422570 | | <20 | 0.09 | <10 | <10 | 71 | <10 | 118 |
| W422571 | | <20 | 0.06 | <10 | <10 | 49 | <10 | 69 |
| W422572 | | <20 | 0.07 | <10 | <10 | 54 | <10 | 69 |
| W422573 | | <20 | 0.05 | <10 | <10 | 45 | <10 | 103 |
| W422574 | | <20 | 0.09 | <10 | <10 | 47 | <10 | 83 |
| W422575 | | <20 | 0.01 | <10 | <10 | 26 | <10 | 115 |
| W422576 | | <20 | 0.05 | <10 | <10 | 43 | <10 | 80 |
| W422577 | | <20 | 0.05 | <10 | <10 | 44 | <10 | 85 |
| W422578 | | <20 | 0.05 | <10 | <10 | 36 | <10 | 84 |
| W422579 | | <20 | 0.04 | <10 | <10 | 45 | <10 | 76 |



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 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Project: RC Property

CERTIFICATE OF ANALYSIS WH17184070

| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| Units | | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| LOR | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W422580 | | 0.23 | <0.001 | <0.2 | 2.12 | 13 | <10 | 110 | 0.5 | <2 | 0.14 | <0.5 | 7 | 31 | 12 | 3.17 |
| W422581 | | 0.33 | 0.007 | 0.4 | 1.60 | 63 | <10 | 200 | 0.5 | <2 | 0.39 | 0.5 | 12 | 29 | 24 | 2.75 |
| W422582 | | 0.36 | 0.002 | 0.2 | 1.44 | 28 | <10 | 90 | <0.5 | 2 | 0.09 | <0.5 | 7 | 24 | 16 | 2.26 |
| W422583 | | 0.50 | 0.015 | 0.4 | 1.80 | 72 | <10 | 140 | 0.8 | 2 | 0.46 | 0.9 | 19 | 38 | 44 | 3.96 |
| W422584 | | 0.36 | 0.008 | 0.3 | 2.24 | 59 | <10 | 160 | 1.0 | <2 | 0.22 | <0.5 | 19 | 44 | 41 | 3.95 |
| W422585 | | 0.37 | 0.014 | 0.3 | 2.04 | 131 | <10 | 170 | 0.8 | <2 | 0.24 | <0.5 | 22 | 39 | 59 | 3.76 |
| W422586 | | 0.30 | 0.028 | <0.2 | 2.59 | 17 | <10 | 160 | 1.0 | <2 | 0.18 | <0.5 | 11 | 40 | 32 | 2.74 |
| W422587 | | 0.46 | 0.004 | 0.2 | 2.04 | 76 | <10 | 80 | 1.0 | <2 | 0.16 | <0.5 | 22 | 43 | 52 | 3.92 |
| W422588 | | 0.05 | <0.001 | <0.2 | 1.12 | 15 | <10 | 150 | <0.5 | <2 | 0.14 | <0.5 | 3 | 26 | 16 | 1.47 |
| W422589 | | 0.47 | 0.018 | 0.2 | 1.75 | 82 | <10 | 220 | 0.5 | <2 | 0.37 | <0.5 | 11 | 42 | 28 | 2.80 |
| W422590 | | 0.36 | 0.012 | <0.2 | 1.60 | 52 | <10 | 150 | 0.5 | <2 | 0.37 | <0.5 | 10 | 35 | 24 | 2.71 |
| W422591 | | 0.44 | 0.013 | 0.2 | 1.73 | 55 | <10 | 130 | 0.7 | <2 | 0.18 | <0.5 | 9 | 28 | 23 | 2.35 |
| W422592 | | 0.25 | 0.008 | 0.2 | 2.28 | 107 | <10 | 160 | 0.8 | <2 | 0.14 | <0.5 | 14 | 41 | 27 | 3.45 |
| W422593 | | 0.24 | 0.006 | <0.2 | 2.33 | 67 | <10 | 140 | 0.7 | <2 | 0.12 | <0.5 | 13 | 40 | 26 | 3.37 |
| W422594 | | 0.48 | 0.007 | 0.2 | 1.25 | 86 | <10 | 130 | <0.5 | <2 | 0.27 | <0.5 | 8 | 27 | 21 | 2.40 |
| W422597 | | 0.33 | 0.005 | <0.2 | 1.59 | 29 | <10 | 80 | <0.5 | <2 | 0.08 | <0.5 | 8 | 29 | 17 | 3.04 |
| W422598 | | 0.58 | 0.013 | 0.2 | 1.94 | 51 | <10 | 170 | 0.7 | <2 | 0.33 | <0.5 | 16 | 35 | 36 | 3.66 |
| W422599 | | 0.44 | 0.008 | 0.2 | 1.58 | 50 | <10 | 110 | 0.6 | <2 | 0.11 | <0.5 | 10 | 27 | 35 | 2.99 |
| W422600 | | 0.42 | 0.011 | 0.3 | 1.60 | 133 | <10 | 100 | 0.8 | <2 | 0.14 | <0.5 | 13 | 28 | 37 | 4.12 |
| W422601 | | 0.34 | 0.001 | <0.2 | 1.55 | 17 | <10 | 90 | 0.5 | <2 | 0.09 | <0.5 | 10 | 31 | 36 | 3.28 |
| W422602 | | 0.49 | 0.005 | <0.2 | 1.20 | 25 | <10 | 40 | <0.5 | <2 | 0.04 | <0.5 | 6 | 21 | 23 | 2.89 |
| W422603 | | 0.53 | 0.025 | <0.2 | 1.53 | 34 | <10 | 70 | 0.5 | <2 | 0.04 | <0.5 | 10 | 22 | 24 | 3.23 |
| W422604 | | 0.53 | 0.002 | <0.2 | 1.78 | 8 | <10 | 80 | 0.7 | <2 | 0.06 | <0.5 | 15 | 24 | 44 | 4.17 |
| W422605 | | 0.54 | 0.005 | <0.2 | 2.76 | 26 | <10 | 160 | 1.2 | <2 | 0.32 | <0.5 | 16 | 42 | 48 | 4.40 |
| W422606 | | 0.63 | 0.010 | 0.2 | 1.38 | 40 | <10 | 80 | 1.0 | 3 | 0.20 | <0.5 | 14 | 20 | 38 | 3.42 |
| W422607 | | 0.53 | 0.030 | 0.2 | 1.91 | 50 | <10 | 70 | 1.4 | 2 | 0.50 | <0.5 | 25 | 42 | 73 | 4.71 |
| W422608 | | 0.56 | 0.031 | 0.2 | 1.91 | 35 | <10 | 100 | 1.0 | <2 | 0.11 | <0.5 | 13 | 35 | 54 | 3.74 |
| W422609 | | 0.48 | 0.019 | 0.3 | 1.63 | 51 | <10 | 100 | 1.0 | <2 | 0.18 | <0.5 | 11 | 29 | 38 | 3.60 |
| W422610 | | 0.52 | 0.028 | 0.8 | 1.85 | 70 | <10 | 110 | 1.0 | <2 | 0.20 | 0.8 | 13 | 32 | 40 | 4.17 |
| W422611 | | 0.56 | 0.014 | 0.2 | 1.61 | 23 | <10 | 160 | 0.5 | <2 | 0.20 | <0.5 | 13 | 29 | 35 | 3.10 |
| W422612 | | 0.50 | 0.015 | 0.3 | 1.80 | 26 | <10 | 150 | 0.8 | <2 | 0.33 | <0.5 | 9 | 33 | 31 | 3.43 |
| W422613 | | 0.52 | 0.013 | <0.2 | 1.65 | 68 | <10 | 220 | 0.6 | <2 | 0.24 | <0.5 | 9 | 22 | 18 | 2.84 |
| W422614 | | 0.55 | 0.009 | <0.2 | 1.40 | 109 | <10 | 140 | 0.5 | 2 | 0.19 | <0.5 | 8 | 20 | 15 | 2.41 |
| W422615 | | 0.65 | 0.007 | <0.2 | 1.60 | 63 | <10 | 150 | 0.6 | <2 | 0.21 | <0.5 | 8 | 24 | 17 | 2.61 |
| W422616 | | 0.60 | 0.025 | 0.3 | 1.73 | 171 | <10 | 170 | 0.8 | 2 | 0.26 | <0.5 | 9 | 21 | 19 | 2.97 |
| W422617 | | 0.45 | 0.014 | 6.2 | 1.75 | 230 | <10 | 150 | 1.0 | <2 | 0.25 | <0.5 | 9 | 25 | 19 | 2.97 |
| W422618 | | 0.54 | 0.016 | 0.4 | 2.19 | 226 | <10 | 230 | 0.9 | 2 | 0.34 | <0.5 | 12 | 45 | 33 | 3.32 |
| W422619 | | 0.66 | 0.017 | 0.5 | 2.26 | 113 | <10 | 320 | 0.8 | <2 | 0.52 | 0.5 | 12 | 54 | 27 | 3.37 |
| W422620 | | 0.72 | 0.022 | 0.7 | 2.97 | 470 | <10 | 180 | 1.3 | <2 | 0.29 | 0.9 | 46 | 45 | 108 | 5.26 |
| W422621 | | 0.18 | <0.001 | 0.2 | 1.21 | 28 | <10 | 70 | <0.5 | <2 | 0.15 | <0.5 | 7 | 25 | 30 | 2.65 |



ALS Canada Ltd.

2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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CERTIFICATE OF ANALYSIS WH17184070

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| | | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W422580 | | 10 | <1 | 0.04 | 10 | 0.41 | 312 | 1 | 0.01 | 16 | 610 | 11 | 0.05 | <2 | 2 | 13 |
| W422581 | | <10 | <1 | 0.11 | 20 | 0.49 | 455 | 2 | 0.02 | 27 | 970 | 15 | 0.04 | <2 | 3 | 33 |
| W422582 | | <10 | <1 | 0.04 | 10 | 0.37 | 187 | 1 | 0.01 | 16 | 520 | 8 | 0.03 | 2 | 2 | 9 |
| W422583 | | 10 | <1 | 0.32 | 40 | 0.74 | 781 | 1 | 0.03 | 47 | 960 | 33 | 0.02 | <2 | 4 | 34 |
| W422584 | | 10 | <1 | 0.21 | 40 | 0.74 | 662 | 1 | 0.02 | 53 | 810 | 17 | 0.05 | <2 | 3 | 20 |
| W422585 | | 10 | <1 | 0.15 | 30 | 0.67 | 703 | 2 | 0.02 | 49 | 1020 | 19 | 0.05 | <2 | 3 | 29 |
| W422586 | | 10 | <1 | 0.25 | 20 | 1.00 | 494 | 1 | 0.02 | 29 | 670 | 11 | 0.04 | <2 | 3 | 24 |
| W422587 | | 10 | <1 | 0.19 | 20 | 0.67 | 729 | 2 | 0.02 | 43 | 1110 | 27 | 0.06 | 2 | 3 | 14 |
| W422588 | | <10 | <1 | 0.10 | 10 | 0.22 | 142 | 1 | 0.03 | 10 | 1010 | 9 | 0.15 | <2 | 1 | 14 |
| W422589 | | 10 | <1 | 0.17 | 20 | 0.68 | 463 | 1 | 0.02 | 27 | 1260 | 12 | 0.03 | <2 | 4 | 28 |
| W422590 | | 10 | <1 | 0.13 | 20 | 0.60 | 435 | 1 | 0.02 | 24 | 1250 | 12 | 0.02 | <2 | 4 | 28 |
| W422591 | | 10 | <1 | 0.08 | 30 | 0.39 | 717 | 2 | 0.02 | 19 | 1500 | 16 | 0.10 | <2 | 1 | 19 |
| W422592 | | 10 | <1 | 0.09 | 20 | 0.73 | 589 | 2 | 0.01 | 29 | 730 | 19 | 0.04 | <2 | 3 | 17 |
| W422593 | | 10 | <1 | 0.08 | 20 | 0.69 | 629 | 1 | 0.01 | 28 | 730 | 16 | 0.05 | <2 | 2 | 14 |
| W422594 | | <10 | <1 | 0.06 | 20 | 0.37 | 351 | 2 | 0.01 | 21 | 980 | 9 | 0.02 | <2 | 3 | 19 |
| W422597 | | 10 | <1 | 0.11 | 10 | 0.43 | 418 | 1 | 0.01 | 19 | 540 | 15 | 0.04 | <2 | 2 | 9 |
| W422598 | | 10 | <1 | 0.33 | 40 | 0.67 | 515 | <1 | 0.03 | 38 | 640 | 17 | 0.04 | <2 | 3 | 25 |
| W422599 | | 10 | <1 | 0.13 | 30 | 0.46 | 392 | 2 | 0.02 | 29 | 650 | 12 | 0.09 | <2 | 1 | 14 |
| W422600 | | <10 | <1 | 0.12 | 30 | 0.49 | 670 | 1 | 0.01 | 37 | 580 | 20 | 0.05 | <2 | 2 | 13 |
| W422601 | | 10 | <1 | 0.08 | 20 | 0.55 | 362 | 1 | 0.01 | 28 | 670 | 17 | 0.06 | <2 | 1 | 11 |
| W422602 | | <10 | <1 | 0.05 | 10 | 0.32 | 264 | 1 | 0.01 | 19 | 490 | 10 | 0.05 | <2 | 1 | 6 |
| W422603 | | <10 | <1 | 0.23 | 20 | 0.42 | 315 | 1 | 0.01 | 23 | 330 | 18 | 0.03 | <2 | 1 | 6 |
| W422604 | | <10 | <1 | 0.07 | 30 | 0.55 | 323 | 1 | 0.01 | 40 | 490 | 9 | 0.04 | <2 | 2 | 12 |
| W422605 | | 10 | <1 | 0.50 | 40 | 1.33 | 592 | 1 | 0.01 | 44 | 730 | 14 | 0.03 | <2 | 4 | 13 |
| W422606 | | <10 | <1 | 0.14 | 30 | 0.47 | 580 | 1 | 0.01 | 29 | 570 | 19 | 0.02 | <2 | 2 | 14 |
| W422607 | | 10 | <1 | 0.39 | 60 | 1.02 | 1220 | 2 | 0.02 | 57 | 1060 | 21 | 0.01 | <2 | 6 | 19 |
| W422608 | | 10 | <1 | 0.17 | 30 | 0.74 | 463 | 1 | 0.01 | 37 | 510 | 15 | 0.03 | <2 | 2 | 9 |
| W422609 | | <10 | <1 | 0.13 | 30 | 0.60 | 545 | 1 | 0.01 | 32 | 660 | 13 | 0.05 | <2 | 2 | 13 |
| W422610 | | 10 | <1 | 0.19 | 40 | 0.76 | 705 | 1 | 0.01 | 37 | 540 | 47 | 0.04 | 3 | 3 | 14 |
| W422611 | | <10 | <1 | 0.19 | 20 | 0.54 | 503 | 1 | 0.01 | 31 | 570 | 13 | 0.02 | <2 | 3 | 15 |
| W422612 | | 10 | <1 | 0.25 | 40 | 0.63 | 320 | 1 | 0.01 | 31 | 490 | 16 | 0.02 | <2 | 3 | 16 |
| W422613 | | 10 | <1 | 0.11 | 30 | 0.48 | 563 | 1 | 0.02 | 19 | 970 | 12 | 0.02 | <2 | 4 | 22 |
| W422614 | | <10 | <1 | 0.08 | 20 | 0.39 | 440 | 1 | 0.01 | 16 | 830 | 12 | 0.02 | <2 | 3 | 17 |
| W422615 | | 10 | <1 | 0.10 | 20 | 0.49 | 492 | 1 | 0.02 | 19 | 890 | 13 | 0.02 | <2 | 3 | 21 |
| W422616 | | 10 | <1 | 0.11 | 40 | 0.55 | 551 | 2 | 0.02 | 18 | 930 | 18 | 0.03 | <2 | 4 | 34 |
| W422617 | | 10 | <1 | 0.09 | 30 | 0.56 | 699 | 1 | 0.02 | 18 | 900 | 128 | 0.04 | 2 | 3 | 29 |
| W422618 | | 10 | <1 | 0.19 | 30 | 0.74 | 755 | 2 | 0.03 | 29 | 1260 | 26 | 0.06 | <2 | 5 | 40 |
| W422619 | | 10 | <1 | 0.31 | 30 | 0.89 | 612 | 1 | 0.04 | 28 | 1490 | 44 | 0.03 | <2 | 6 | 48 |
| W422620 | | 10 | <1 | 0.58 | 20 | 1.30 | 2140 | 3 | 0.03 | 76 | 1340 | 88 | 0.05 | <2 | 5 | 53 |
| W422621 | | <10 | <1 | 0.16 | 10 | 0.35 | 180 | 1 | 0.03 | 21 | 880 | 13 | 0.13 | <2 | 1 | 13 |



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 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W422580 | | <20 | 0.05 | <10 | <10 | 53 | <10 | 55 |
| W422581 | | <20 | 0.06 | <10 | 10 | 45 | <10 | 79 |
| W422582 | | <20 | 0.04 | <10 | <10 | 40 | <10 | 52 |
| W422583 | | <20 | 0.09 | <10 | <10 | 44 | 10 | 140 |
| W422584 | | <20 | 0.08 | <10 | <10 | 54 | <10 | 114 |
| W422585 | | <20 | 0.07 | <10 | <10 | 53 | 10 | 95 |
| W422586 | | <20 | 0.09 | <10 | <10 | 63 | <10 | 75 |
| W422587 | | <20 | 0.07 | <10 | <10 | 53 | <10 | 95 |
| W422588 | | <20 | 0.06 | <10 | <10 | 31 | <10 | 33 |
| W422589 | | <20 | 0.11 | <10 | <10 | 61 | <10 | 91 |
| W422590 | | <20 | 0.10 | <10 | <10 | 53 | <10 | 97 |
| W422591 | | <20 | 0.04 | <10 | <10 | 37 | 10 | 67 |
| W422592 | | <20 | 0.07 | <10 | <10 | 61 | <10 | 92 |
| W422593 | | <20 | 0.06 | <10 | <10 | 61 | <10 | 85 |
| W422594 | | <20 | 0.05 | <10 | <10 | 43 | 10 | 58 |
| W422597 | | <20 | 0.07 | <10 | <10 | 45 | <10 | 63 |
| W422598 | | <20 | 0.09 | <10 | <10 | 38 | <10 | 90 |
| W422599 | | <20 | 0.05 | <10 | <10 | 39 | <10 | 58 |
| W422600 | | <20 | 0.04 | <10 | <10 | 36 | <10 | 82 |
| W422601 | | <20 | 0.05 | <10 | <10 | 43 | <10 | 67 |
| W422602 | | <20 | 0.03 | <10 | <10 | 36 | <10 | 52 |
| W422603 | | <20 | 0.06 | <10 | <10 | 29 | <10 | 63 |
| W422604 | | <20 | 0.03 | <10 | <10 | 29 | <10 | 65 |
| W422605 | | <20 | 0.08 | <10 | <10 | 43 | <10 | 93 |
| W422606 | | <20 | 0.04 | <10 | <10 | 23 | <10 | 74 |
| W422607 | | 20 | 0.05 | <10 | <10 | 67 | <10 | 110 |
| W422608 | | <20 | 0.05 | <10 | <10 | 38 | <10 | 75 |
| W422609 | | <20 | 0.04 | <10 | <10 | 40 | <10 | 80 |
| W422610 | | <20 | 0.05 | <10 | <10 | 36 | <10 | 298 |
| W422611 | | <20 | 0.08 | <10 | <10 | 38 | <10 | 75 |
| W422612 | | <20 | 0.06 | <10 | <10 | 33 | <10 | 84 |
| W422613 | | <20 | 0.06 | <10 | <10 | 40 | 10 | 74 |
| W422614 | | <20 | 0.05 | <10 | <10 | 35 | 20 | 63 |
| W422615 | | <20 | 0.06 | <10 | <10 | 39 | 10 | 77 |
| W422616 | | <20 | 0.07 | <10 | <10 | 37 | 20 | 84 |
| W422617 | | <20 | 0.04 | <10 | 10 | 43 | <10 | 153 |
| W422618 | | <20 | 0.08 | <10 | 10 | 70 | <10 | 118 |
| W422619 | | <20 | 0.14 | <10 | <10 | 69 | <10 | 123 |
| W422620 | | <20 | 0.10 | <10 | <10 | 66 | <10 | 202 |
| W422621 | | <20 | 0.06 | <10 | <10 | 35 | <10 | 46 |



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 North Vancouver BC V7H 0A7
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| Sample Description | Method Analyte Units LOR | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | Recvd Wt. kg | Au ppm | Ag ppm | Al % | As ppm | B ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % |
| | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W422622 | | 0.31 | <0.001 | <0.2 | 1.40 | 10 | <10 | 60 | <0.5 | <2 | 0.10 | <0.5 | 4 | 28 | 18 | 1.85 |
| W422623 | | 0.50 | 0.010 | <0.2 | 1.62 | 51 | <10 | 80 | 0.6 | 2 | 0.11 | <0.5 | 10 | 25 | 29 | 3.11 |
| W422624 | | 0.46 | 0.011 | <0.2 | 1.43 | 19 | <10 | 110 | <0.5 | <2 | 0.17 | <0.5 | 9 | 25 | 28 | 2.47 |
| W422625 | | 0.40 | 0.005 | <0.2 | 1.56 | 37 | <10 | 90 | 0.5 | <2 | 0.09 | <0.5 | 11 | 25 | 26 | 3.27 |
| W422626 | | 0.44 | 0.009 | 0.2 | 1.91 | 33 | <10 | 130 | 0.8 | <2 | 0.20 | <0.5 | 30 | 41 | 58 | 4.18 |
| W422627 | | 0.47 | 0.019 | <0.2 | 1.78 | 99 | <10 | 120 | 0.9 | <2 | 0.16 | <0.5 | 17 | 28 | 37 | 3.70 |
| W422628 | | 0.51 | 0.022 | <0.2 | 1.73 | 50 | <10 | 110 | 0.7 | <2 | 0.10 | <0.5 | 13 | 28 | 38 | 3.43 |
| W422629 | | 0.51 | 0.018 | <0.2 | 1.62 | 82 | <10 | 120 | 0.7 | 2 | 0.18 | <0.5 | 15 | 28 | 42 | 3.25 |
| W422630 | | 0.44 | 0.008 | 0.2 | 1.92 | 33 | <10 | 90 | 0.5 | <2 | 0.07 | <0.5 | 9 | 29 | 35 | 3.71 |
| W422631 | | 0.39 | 0.013 | <0.2 | 2.20 | 186 | <10 | 140 | 0.6 | <2 | 0.14 | <0.5 | 10 | 31 | 23 | 2.93 |
| W422632 | | 0.36 | 0.007 | <0.2 | 2.03 | 101 | <10 | 100 | 0.6 | <2 | 0.08 | <0.5 | 7 | 27 | 16 | 2.75 |
| W422633 | | 0.41 | 0.011 | 0.2 | 2.17 | 197 | <10 | 210 | 0.7 | <2 | 0.24 | <0.5 | 17 | 34 | 32 | 3.39 |
| W422634 | | 0.38 | 0.012 | 1.7 | 1.03 | 160 | <10 | 50 | <0.5 | <2 | 0.05 | <0.5 | 5 | 23 | 22 | 3.13 |
| W422635 | | 0.57 | 0.015 | 0.2 | 1.41 | 211 | <10 | 140 | 0.5 | <2 | 0.25 | 0.5 | 24 | 32 | 61 | 3.82 |
| W422533 | | 0.40 | 0.006 | 0.3 | 1.62 | 67 | <10 | 120 | <0.5 | <2 | 0.09 | <0.5 | 7 | 26 | 17 | 2.50 |
| W422534 | | 0.45 | 0.010 | 0.4 | 1.52 | 45 | <10 | 140 | <0.5 | 2 | 0.18 | <0.5 | 5 | 21 | 9 | 1.75 |
| W422535 | | 0.35 | 0.005 | 0.4 | 1.28 | 56 | <10 | 130 | <0.5 | <2 | 0.21 | <0.5 | 6 | 21 | 15 | 1.80 |
| W422536 | | 0.10 | NSS | <0.2 | 1.00 | 7 | <10 | 110 | <0.5 | <2 | 0.16 | <0.5 | 3 | 18 | 14 | 1.33 |
| W422537 | | 0.13 | 0.007 | <0.2 | 0.95 | 5 | <10 | 100 | <0.5 | <2 | 0.11 | <0.5 | 3 | 13 | 13 | 1.27 |
| W422538 | | 0.08 | <0.001 | 0.2 | 1.24 | 10 | <10 | 70 | 0.5 | <2 | 0.13 | <0.5 | 5 | 18 | 18 | 1.48 |
| W422539 | | 0.37 | 0.014 | 0.3 | 1.51 | 66 | <10 | 110 | 0.7 | <2 | 0.12 | <0.5 | 9 | 20 | 19 | 2.55 |
| W422540 | | 0.37 | 0.033 | 0.2 | 1.95 | 269 | <10 | 210 | 0.9 | 2 | 0.23 | <0.5 | 10 | 24 | 26 | 3.51 |
| W422541 | | 0.10 | NSS | <0.2 | 1.02 | 14 | <10 | 110 | <0.5 | <2 | 0.15 | <0.5 | 3 | 12 | 12 | 1.43 |
| W422542 | | 0.43 | 0.079 | 1.1 | 1.45 | 160 | <10 | 160 | 1.1 | <2 | 0.33 | <0.5 | 9 | 16 | 19 | 3.51 |
| W422543 | | 0.53 | 0.004 | 0.5 | 1.58 | 33 | <10 | 60 | <0.5 | <2 | 0.08 | <0.5 | 8 | 29 | 51 | 4.07 |
| W422544 | | 0.42 | 0.014 | 0.7 | 1.16 | 101 | <10 | 50 | <0.5 | <2 | 0.08 | <0.5 | 6 | 25 | 42 | 4.01 |
| W422545 | | 0.18 | 0.001 | 0.2 | 1.40 | 29 | <10 | 80 | <0.5 | <2 | 0.11 | <0.5 | 4 | 26 | 38 | 4.07 |
| W422546 | | 0.46 | 0.013 | 3.9 | 2.24 | 87 | <10 | 190 | 0.7 | <2 | 0.21 | 0.5 | 11 | 48 | 39 | 4.11 |
| W422547 | | 0.56 | 0.009 | 0.5 | 2.95 | 96 | <10 | 200 | 1.4 | <2 | 0.13 | <0.5 | 25 | 58 | 51 | 6.23 |
| W422548 | | 0.08 | NSS | 0.2 | 1.82 | 13 | <10 | 170 | <0.5 | 2 | 0.30 | 0.8 | 13 | 29 | 21 | 2.10 |
| W422549 | | 0.34 | 0.003 | <0.2 | 2.93 | 55 | <10 | 200 | 0.7 | <2 | 0.18 | <0.5 | 14 | 75 | 22 | 3.11 |
| W422550 | | 0.38 | 0.024 | 0.2 | 3.25 | 177 | <10 | 530 | 0.9 | 2 | 0.37 | <0.5 | 15 | 37 | 28 | 3.52 |
| W422595 | | 0.36 | 0.013 | 0.2 | 1.48 | 110 | <10 | 130 | <0.5 | <2 | 0.18 | <0.5 | 10 | 23 | 12 | 2.29 |
| W422596 | | 0.29 | 0.007 | 0.3 | 1.87 | 110 | <10 | 130 | <0.5 | 2 | 0.10 | <0.5 | 11 | 30 | 26 | 3.03 |
| W422636 | | 0.40 | 0.005 | <0.2 | 1.81 | 43 | <10 | 90 | <0.5 | <2 | 0.06 | <0.5 | 9 | 29 | 19 | 3.01 |
| W422637 | | 0.51 | 0.032 | 0.2 | 1.86 | 256 | <10 | 110 | 0.6 | <2 | 0.13 | <0.5 | 46 | 28 | 83 | 4.69 |
| W422638 | | 0.43 | 0.004 | <0.2 | 1.72 | 73 | <10 | 110 | <0.5 | <2 | 0.07 | <0.5 | 12 | 30 | 23 | 3.35 |
| W422639 | | 0.50 | 0.002 | <0.2 | 1.46 | 56 | <10 | 70 | <0.5 | <2 | 0.06 | <0.5 | 4 | 27 | 19 | 3.19 |
| W422640 | | 0.37 | 0.010 | <0.2 | 1.59 | 281 | <10 | 110 | 0.5 | <2 | 0.08 | <0.5 | 9 | 32 | 27 | 3.47 |
| W422641 | | 0.43 | 0.004 | <0.2 | 1.42 | 21 | <10 | 70 | <0.5 | <2 | 0.11 | <0.5 | 7 | 27 | 21 | 2.69 |



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 North Vancouver BC V7H 0A7
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| | | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm |
| W422622 | | 10 | <1 | 0.11 | 10 | 0.33 | 112 | 1 | 0.03 | 14 | 920 | 9 | 0.11 | <2 | 2 | 11 |
| W422623 | | <10 | <1 | 0.14 | 20 | 0.59 | 349 | <1 | 0.02 | 28 | 540 | 14 | 0.03 | <2 | 2 | 9 |
| W422624 | | <10 | 1 | 0.07 | 20 | 0.46 | 339 | 1 | 0.02 | 25 | 840 | 9 | 0.02 | <2 | 3 | 13 |
| W422625 | | 10 | <1 | 0.11 | 20 | 0.45 | 668 | 1 | 0.02 | 22 | 770 | 19 | 0.07 | <2 | 1 | 10 |
| W422626 | | <10 | <1 | 0.20 | 30 | 0.73 | 996 | 1 | 0.03 | 51 | 930 | 18 | 0.03 | <2 | 4 | 17 |
| W422627 | | 10 | <1 | 0.26 | 30 | 0.64 | 710 | 1 | 0.02 | 36 | 590 | 18 | 0.03 | <2 | 3 | 13 |
| W422628 | | <10 | 1 | 0.22 | 20 | 0.58 | 496 | 1 | 0.02 | 32 | 610 | 15 | 0.06 | <2 | 2 | 12 |
| W422629 | | <10 | 1 | 0.13 | 20 | 0.49 | 530 | 1 | 0.02 | 38 | 680 | 11 | 0.03 | <2 | 3 | 18 |
| W422630 | | 10 | <1 | 0.06 | 20 | 0.50 | 244 | 1 | 0.02 | 24 | 750 | 13 | 0.08 | <2 | 2 | 12 |
| W422631 | | 10 | <1 | 0.07 | 20 | 0.56 | 408 | 2 | 0.02 | 21 | 900 | 15 | 0.04 | 2 | 2 | 13 |
| W422632 | | 10 | 1 | 0.08 | 10 | 0.37 | 382 | 1 | 0.02 | 14 | 590 | 12 | 0.06 | 2 | 1 | 10 |
| W422633 | | 10 | 1 | 0.13 | 20 | 0.63 | 492 | 1 | 0.03 | 34 | 800 | 14 | 0.03 | <2 | 4 | 25 |
| W422634 | | 10 | <1 | 0.05 | 10 | 0.18 | 160 | 1 | 0.02 | 12 | 710 | 13 | 0.09 | 2 | 1 | 9 |
| W422635 | | <10 | 1 | 0.11 | 20 | 0.44 | 523 | 1 | 0.03 | 49 | 1170 | 15 | 0.07 | <2 | 3 | 20 |
| W422533 | | <10 | <1 | 0.04 | 10 | 0.39 | 313 | 2 | 0.02 | 18 | 550 | 11 | 0.03 | <2 | 2 | 10 |
| W422534 | | <10 | <1 | 0.05 | 10 | 0.38 | 150 | 1 | 0.02 | 13 | 730 | 10 | 0.04 | <2 | 2 | 15 |
| W422535 | | <10 | <1 | 0.06 | 20 | 0.37 | 264 | 2 | 0.02 | 15 | 700 | 9 | 0.02 | <2 | 2 | 16 |
| W422536 | | <10 | <1 | 0.10 | 20 | 0.18 | 105 | 1 | 0.04 | 10 | 910 | 9 | 0.15 | <2 | 1 | 15 |
| W422537 | | <10 | 1 | 0.10 | 10 | 0.15 | 84 | 1 | 0.04 | 7 | 1150 | 7 | 0.17 | <2 | 1 | 11 |
| W422538 | | <10 | <1 | 0.06 | 20 | 0.20 | 376 | 1 | 0.03 | 9 | 1520 | 12 | 0.17 | 2 | 1 | 12 |
| W422539 | | <10 | 1 | 0.08 | 20 | 0.30 | 616 | 2 | 0.03 | 15 | 1100 | 25 | 0.09 | <2 | 2 | 12 |
| W422540 | | 10 | 1 | 0.12 | 40 | 0.48 | 819 | 2 | 0.03 | 21 | 1210 | 20 | 0.07 | <2 | 4 | 24 |
| W422541 | | <10 | <1 | 0.09 | 30 | 0.18 | 138 | 1 | 0.03 | 8 | 960 | 8 | 0.14 | <2 | 1 | 15 |
| W422542 | | <10 | <1 | 0.07 | 40 | 0.41 | 927 | 2 | 0.02 | 15 | 970 | 25 | 0.03 | <2 | 4 | 41 |
| W422543 | | <10 | <1 | 0.06 | 40 | 0.51 | 399 | 2 | 0.03 | 15 | 950 | 26 | 0.07 | <2 | 2 | 13 |
| W422544 | | <10 | <1 | 0.05 | 20 | 0.34 | 167 | 1 | 0.02 | 16 | 760 | 37 | 0.06 | <2 | 2 | 12 |
| W422545 | | <10 | <1 | 0.14 | 10 | 0.33 | 181 | 1 | 0.06 | 11 | 1310 | 20 | 0.27 | <2 | 2 | 16 |
| W422546 | | 10 | 1 | 0.17 | 20 | 0.68 | 529 | 1 | 0.03 | 23 | 1030 | 43 | 0.06 | 2 | 6 | 20 |
| W422547 | | 10 | 1 | 0.34 | 20 | 0.89 | 590 | 1 | 0.03 | 48 | 940 | 23 | 0.06 | <2 | 7 | 28 |
| W422548 | | 10 | <1 | 0.21 | 10 | 0.50 | 853 | 1 | 0.06 | 15 | 1070 | 23 | 0.15 | <2 | 2 | 27 |
| W422549 | | 10 | <1 | 0.18 | 10 | 0.95 | 456 | 1 | 0.04 | 24 | 450 | 9 | 0.04 | <2 | 4 | 19 |
| W422550 | | 10 | 1 | 0.29 | 20 | 0.89 | 672 | 1 | 0.04 | 22 | 1380 | 15 | 0.04 | <2 | 6 | 37 |
| W422595 | | 10 | <1 | 0.05 | 10 | 0.36 | 628 | 3 | 0.02 | 14 | 620 | 8 | 0.05 | <2 | 1 | 17 |
| W422596 | | 10 | <1 | 0.06 | 10 | 0.47 | 359 | 2 | 0.02 | 23 | 680 | 12 | 0.04 | <2 | 2 | 11 |
| W422636 | | 10 | <1 | 0.11 | 10 | 0.40 | 460 | 1 | 0.02 | 20 | 780 | 10 | 0.08 | <2 | 1 | 8 |
| W422637 | | <10 | <1 | 0.25 | 20 | 0.53 | 937 | 1 | 0.03 | 47 | 1260 | 15 | 0.14 | <2 | 3 | 21 |
| W422638 | | 10 | <1 | 0.07 | 10 | 0.40 | 406 | 1 | 0.02 | 21 | 460 | 11 | 0.03 | <2 | 2 | 10 |
| W422639 | | 10 | <1 | 0.04 | 10 | 0.23 | 230 | 2 | 0.01 | 16 | 390 | 14 | 0.03 | 2 | 2 | 8 |
| W422640 | | 10 | <1 | 0.10 | 20 | 0.49 | 340 | 2 | 0.01 | 28 | 520 | 15 | 0.05 | <2 | 2 | 13 |
| W422641 | | <10 | <1 | 0.07 | 20 | 0.42 | 284 | 1 | 0.01 | 20 | 580 | 9 | 0.03 | <2 | 2 | 10 |



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 North Vancouver BC V7H 0A7
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|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Ti | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W422622 | | <20 | 0.06 | <10 | <10 | 54 | <10 | 35 |
| W422623 | | <20 | 0.05 | <10 | <10 | 32 | <10 | 72 |
| W422624 | | <20 | 0.05 | <10 | <10 | 41 | <10 | 73 |
| W422625 | | <20 | 0.04 | <10 | <10 | 38 | <10 | 71 |
| W422626 | | <20 | 0.06 | <10 | <10 | 46 | <10 | 107 |
| W422627 | | <20 | 0.07 | <10 | <10 | 32 | <10 | 86 |
| W422628 | | <20 | 0.07 | <10 | <10 | 34 | <10 | 84 |
| W422629 | | <20 | 0.06 | <10 | <10 | 39 | <10 | 78 |
| W422630 | | <20 | 0.05 | <10 | <10 | 51 | <10 | 66 |
| W422631 | | <20 | 0.06 | <10 | <10 | 55 | 10 | 71 |
| W422632 | | <20 | 0.08 | <10 | <10 | 59 | <10 | 63 |
| W422633 | | <20 | 0.08 | <10 | <10 | 55 | <10 | 85 |
| W422634 | | <20 | 0.05 | <10 | <10 | 54 | <10 | 42 |
| W422635 | | <20 | 0.06 | <10 | <10 | 49 | <10 | 95 |
| W422533 | | <20 | 0.04 | <10 | <10 | 45 | <10 | 55 |
| W422534 | | <20 | 0.05 | <10 | <10 | 34 | <10 | 51 |
| W422535 | | <20 | 0.05 | <10 | <10 | 31 | <10 | 54 |
| W422536 | | <20 | 0.05 | <10 | <10 | 24 | <10 | 32 |
| W422537 | | <20 | 0.05 | <10 | <10 | 23 | <10 | 27 |
| W422538 | | <20 | 0.03 | <10 | <10 | 25 | 10 | 36 |
| W422539 | | <20 | 0.05 | <10 | <10 | 34 | <10 | 66 |
| W422540 | | <20 | 0.05 | <10 | 10 | 39 | 10 | 94 |
| W422541 | | <20 | 0.04 | <10 | <10 | 21 | <10 | 32 |
| W422542 | | <20 | 0.03 | <10 | <10 | 31 | 30 | 96 |
| W422543 | | <20 | 0.03 | <10 | <10 | 37 | <10 | 76 |
| W422544 | | <20 | 0.03 | <10 | <10 | 36 | <10 | 88 |
| W422545 | | <20 | 0.04 | <10 | <10 | 39 | <10 | 63 |
| W422546 | | <20 | 0.07 | <10 | <10 | 59 | <10 | 118 |
| W422547 | | <20 | 0.09 | <10 | <10 | 75 | <10 | 161 |
| W422548 | | <20 | 0.10 | <10 | <10 | 44 | <10 | 68 |
| W422549 | | <20 | 0.13 | <10 | <10 | 68 | <10 | 70 |
| W422550 | | <20 | 0.12 | <10 | <10 | 67 | <10 | 87 |
| W422595 | | <20 | 0.04 | <10 | <10 | 41 | <10 | 50 |
| W422596 | | <20 | 0.05 | <10 | <10 | 49 | <10 | 64 |
| W422636 | | <20 | 0.05 | <10 | <10 | 48 | <10 | 70 |
| W422637 | | <20 | 0.06 | <10 | <10 | 38 | <10 | 90 |
| W422638 | | <20 | 0.07 | <10 | <10 | 57 | <10 | 64 |
| W422639 | | <20 | 0.06 | <10 | <10 | 72 | <10 | 52 |
| W422640 | | <20 | 0.06 | <10 | <10 | 52 | <10 | 76 |
| W422641 | | <20 | 0.05 | <10 | <10 | 44 | <10 | 61 |



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 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
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|--------------------|--------------------------|---------------------|-----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
| | | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| W422642 | | 0.46 | 0.002 | <0.2 | 1.37 | 31 | <10 | 110 | 0.5 | <2 | 0.15 | <0.5 | 12 | 25 | 29 | 3.14 |
| W422643 | | 0.52 | 0.003 | <0.2 | 1.68 | 53 | <10 | 90 | 0.8 | <2 | 0.10 | <0.5 | 12 | 26 | 33 | 3.15 |
| W422650 | | 0.41 | 0.012 | <0.2 | 1.66 | 41 | <10 | 70 | <0.5 | <2 | 0.08 | <0.5 | 16 | 31 | 46 | 3.45 |
| W422651 | | 0.47 | 0.086 | 0.3 | 2.52 | 215 | <10 | 590 | 1.0 | 2 | 0.45 | 0.6 | 14 | 28 | 41 | 5.01 |
| W422652 | | 0.53 | 0.068 | 0.3 | 1.40 | 156 | <10 | 120 | 1.0 | 3 | 0.27 | 0.5 | 12 | 20 | 21 | 3.28 |
| W424751 | | 0.41 | 0.156 | 0.5 | 2.34 | 1055 | <10 | 260 | 0.8 | 8 | 0.35 | 0.6 | 16 | 33 | 38 | 3.38 |
| W424752 | | 0.40 | 0.040 | <0.2 | 2.43 | 338 | <10 | 200 | 0.7 | 2 | 0.25 | 0.5 | 12 | 38 | 24 | 3.02 |
| W424754 | | 0.24 | 0.009 | 0.4 | 1.55 | 163 | <10 | 90 | <0.5 | <2 | 0.08 | <0.5 | 6 | 31 | 22 | 2.64 |
| W424755 | | 0.39 | 0.016 | <0.2 | 1.63 | 69 | <10 | 90 | 0.7 | <2 | 0.06 | <0.5 | 11 | 26 | 34 | 3.81 |
| W424756 | | 0.34 | 0.010 | <0.2 | 2.06 | 24 | <10 | 100 | 0.5 | 2 | 0.12 | <0.5 | 12 | 27 | 54 | 4.13 |
| W424757 | | 0.17 | 0.031 | 0.4 | 1.60 | 64 | <10 | 70 | 0.7 | 2 | 0.15 | <0.5 | 24 | 38 | 80 | 5.44 |
| W424758 | | 0.38 | 0.002 | <0.2 | 1.99 | 24 | <10 | 110 | 0.8 | <2 | 0.13 | <0.5 | 9 | 27 | 30 | 3.37 |



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 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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|--------------------|-----------------------------------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|
| | | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm |
| | | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| W422642 | | <10 | <1 | 0.09 | 20 | 0.44 | 443 | 1 | 0.01 | 31 | 780 | 10 | 0.03 | <2 | 2 | 13 |
| W422643 | | <10 | <1 | 0.16 | 30 | 0.64 | 450 | 1 | 0.01 | 28 | 490 | 17 | 0.04 | <2 | 2 | 10 |
| W422650 | | 10 | <1 | 0.05 | 10 | 0.46 | 439 | 1 | 0.01 | 34 | 840 | 11 | 0.07 | <2 | 1 | 10 |
| W422651 | | 10 | <1 | 0.56 | 60 | 0.89 | 977 | 2 | 0.04 | 18 | 1120 | 23 | 0.05 | <2 | 9 | 49 |
| W422652 | | <10 | <1 | 0.07 | 30 | 0.47 | 718 | 1 | 0.02 | 28 | 800 | 40 | 0.03 | <2 | 3 | 26 |
| W424751 | | 10 | <1 | 0.17 | 20 | 0.76 | 716 | 1 | 0.02 | 23 | 1410 | 18 | 0.03 | <2 | 5 | 32 |
| W424752 | | 10 | <1 | 0.11 | 20 | 0.78 | 531 | 1 | 0.02 | 20 | 810 | 15 | 0.04 | <2 | 4 | 26 |
| W424754 | | 10 | <1 | 0.05 | 10 | 0.31 | 301 | 1 | 0.02 | 15 | 1010 | 12 | 0.12 | <2 | 1 | 10 |
| W424755 | | 10 | <1 | 0.06 | 30 | 0.49 | 329 | 1 | 0.01 | 26 | 650 | 12 | 0.05 | <2 | 2 | 12 |
| W424756 | | 10 | <1 | 0.13 | 20 | 0.57 | 328 | 1 | 0.02 | 26 | 1200 | 11 | 0.09 | <2 | 3 | 22 |
| W424757 | | <10 | <1 | 0.09 | 20 | 0.42 | 777 | 2 | 0.03 | 46 | 1730 | 18 | 0.11 | <2 | 3 | 16 |
| W424758 | | 10 | <1 | 0.19 | 40 | 0.63 | 329 | 1 | 0.01 | 29 | 630 | 14 | 0.05 | <2 | 1 | 10 |



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|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| | | Th | Ti | Tl | U | V | W | Zn |
| | | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| W422642 | | <20 | 0.04 | <10 | <10 | 37 | <10 | 71 |
| W422643 | | <20 | 0.04 | <10 | <10 | 26 | <10 | 75 |
| W422650 | | <20 | 0.03 | <10 | <10 | 53 | <10 | 75 |
| W422651 | | 20 | 0.19 | <10 | 10 | 43 | 20 | 100 |
| W422652 | | <20 | 0.03 | <10 | 10 | 32 | <10 | 115 |
| W424751 | | <20 | 0.10 | <10 | <10 | 61 | 30 | 92 |
| W424752 | | <20 | 0.10 | <10 | <10 | 61 | 20 | 73 |
| W424754 | | <20 | 0.04 | <10 | <10 | 55 | <10 | 47 |
| W424755 | | <20 | 0.03 | <10 | <10 | 38 | <10 | 67 |
| W424756 | | <20 | 0.05 | <10 | <10 | 69 | <10 | 67 |
| W424757 | | <20 | 0.03 | <10 | <10 | 42 | <10 | 85 |
| W424758 | | <20 | 0.04 | <10 | <10 | 33 | <10 | 64 |



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North Vancouver BC V7H 0A7
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CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: NSS is non-sufficient sample.
ALL METHODS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-ICP41

APPENDIX V

JP Exploration Rock Sample Descriptions and Summary Analysis

MEMORANDUM

TO: GERRY CARLSON
FROM: JEAN PAUTLER, P. GEO.
SUBJECT: RC PROJECT MAPPING & PROSPECTING
DATE: 08/30/2017
CC:

1.0 INTRODUCTION

This memo summarizes six man days of mapping and prospecting on the RC property of Pacific Ridge Exploration Ltd. on NTS map sheet 115P/14. Work was completed by Jean Pautler from August 23 to 27, 2017 from a road accessible camp situated at 395114mE, 7080720mN, Nad 83, zone 8, with mobilization on August 23 and demobilization on August 27. A total of 30 rock samples were collected from the property. Sample descriptions with locations and select results are shown in Table 1, with geology and sample locations shown in Figures 1-3. Control was provided by GPS and reported in Nad 83, zone 8 projection. Photographs have been sent separately.

2.0 GEOLOGY

Mapping focused on three main areas to evaluate the source of significant gold-arsenic soil anomalies and nature and controls on known mineralization. The three areas are the Contact zone extension (Bee grid area), Rhosgobel extension (Far grid area) and the central Big Creek stock area (Big Creek Central). Big Creek Southeast was not examined due to recent work (rock geochemical sampling and prospecting/mapping) by Cor Coe in this area, undertaken earlier in the month.

Mapping was initially hampered by inaccurate topographic maps, which show locations 30m west and about 90m south of the actual topographic location. The Canvec maps (http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/canvec/archive/canvec_archive_20130515/50k_shp/115/p/) were found to be more accurate than the Topo Canada and geomatics Yukon maps. Discrepancies have been found, particularly with the outline of the stocks, in previous maps with Coombs (1995) showing better accuracy than the Mann (2011) and Schulze (2005) maps. The faulty topography is of particular concern along the western property boundary, where it adjoins the pre-existing Clear Creek Project.

2.1 Geology and Alteration

The RC property is primarily underlain by metasedimentary rocks of the Yusezyu Formation of the Hyland Group which have undergone greenschist facies metamorphism. Lithologies include muscovite-chlorite phyllite and micaceous quartzite,

with lesser meta-arenite and siliciclastic grit, commonly interbedded. Foliations generally trend easterly to locally southeast and northeast, dipping shallow to moderately north. The phyllite can become graphitic, proximal to faults. Biotite hornfelsing is common and andalusite is present within the phyllites within a small embayment of the phyllite into the Rhosgobel stock in the southwest property area, and within a pendant/screen within the Big Creek stock. Calc-silicate alteration \pm pyrrhotite was observed within a gossanous zone within the pendant with pyrrhotite observed within the surrounding diorite and granodiorite of the stock.

Yusezyu Formation metasedimentary rocks are intruded by the Cretaceous Tombstone plutonic suite, with the Rhosgobel stock in the southwest property area and the Big Creek stock in the central property area. The Rhosgobel stock is generally medium to coarse grained with megacrysts of potassium feldspar, and quartz monzonite in composition. Abundant southeast trending dykes emanate from the stock, at least in part, controlled by structure. The Big Creek stock is primarily medium to fine grained diorite in composition with minor granodiorite. Brecciation occurs along the northern contact of this stock.

A major north trending fault extends along the northerly flowing portion of upper Big Creek, extending southwards, to where it has been previously recognized through the saddle and along upper Right Clear Creek. This fault may be the continuation of the Josephine fault (*Stammers 2000*), dextrally offset along the easterly trending fault following the east flowing section of Big Creek. More east-west trending structures discussed below do not appear to cross upper Big Creek. A major easterly trending fault has been previously recognized along the easterly flowing tributary of Big Creek and then along the easterly flowing portion of Big Creek. This fault appears to extend through the northern Contact zone extension in the Bee grid area.

2.2 Mineralization

The most extensive area of quartz-arsenopyrite veining observed was in the Contact zone extension, Bee grid area (*Figures 1 and 3*), above a 913 ppb Au soil anomaly. Sheeted, about 20 cm wide, quartz veins occur at what appears to be an old trench or pad at 398979mE, 7082712mN Nad 83, zone 8 (sample 1501317), with an arsenopyrite rich vein at 398996mE, 7082748mN (sample 1501314). An in situ vein occurs along the ridge at 399056mE, 7082499mN, and appears to continue along strike (samples 1501308-11).

Another quartz-arsenopyrite vein zone occurs about 500m to the south above a 768 ppb Au soil anomaly at 399277mE/7082068mN (sample 1501304). Other veins here contain oxidized cubic pyrite, with stockwork and quartz-tourmaline and iron oxide cemented breccias nearby (samples 1501303, 05-07). Quartz eye rhyolite dykes occur in the area with one apparently trending northerly in talus exposure.

Both of the above areas within the Contact zone extension appear to be related to westerly to northwesterly trending faults and occur in saddles. A 309 ppb Au soil anomaly occurs in between the two areas, with only one rock sample previously collected which did not return anomalous results (sample 19222 – Mann, 2011) and

brecciation noted. Consequently, the entire area is prospective and requires detailed prospecting and sampling.

Several gossanous zones were noted during the current mapping program. A 50m wide rusty zone hosted by phyllite is evident cutting the northeast trending ridge in the Far grid area. Easterly trending quartz veins occur here with brecciation at the northern end of the gossan. Faults trending 280° and 300° are postulated here as shown in Figure 2. No sampling was completed due to evidence (old flags) from previous sampling. The faults project into the embayment where quartz veining is also evident (sample 1501301) and the phyllite is limonite, sericite and epidote altered. Another rusty 20m wide northwesterly trending fault zone is associated with quartz veins, breccia and tourmaline, approximately 300-350m to the southwest (samples 1501302, 25-26), which appears to control dyke emplacement from the Rhosgobel stock. Veins occur within the stock (1501324) and surrounding metasedimentary rocks. Extensive veining is evident within the Far grid area which requires sampling, not undertaken in 2017 due to the topography issue, resulting in uncertainty in the actual property boundary.

Another prominent gossan, previously sampled and documented in Mann (2011), was investigated which corresponds to a calc-silicate altered zone of limy metasedimentary rock within the Big Creek stock. Pyrrhotite occurs within the calc-silicate and within the surrounding diorite and granodiorite (previous sample 19066) and quartz \pm tourmaline vein float is evident (previous samples 19062, 64), with peak values of 699 ppb Au and 41.7 ppm Ag (19064). Another west-northwesterly ($280-290^{\circ}$) trending fault gully occurs at the northern extent of this zone which contains abundant quartz vein and breccia mineralization (previous samples 19065-68) with peak values of 310 ppb Au and 18.6 ppm Ag (19068).

Investigation of a 15 cm quartz–arsenopyrite vein from Mann (2011), which returned 2.9 g/t Au (19210), indicated that the vein appears to be related to a 20m wide 120° trending fault zone. The vein may also continue in this direction with two vein samples collected along trend (1501323, 29), as well as an iron oxide breccia (1501328). Other quartz vein samples were collected at 160° from sample 19210 (1501319-20). The diorite host in the area is clay-limonite-sericite altered. A rusty gossan with a prominent quartz vein occurs 500m at 160° from sample 19210 and may trend $340^{\circ}/75^{\circ}$ E (Figure 2). The site appears to have been sampled by Cor Coe.

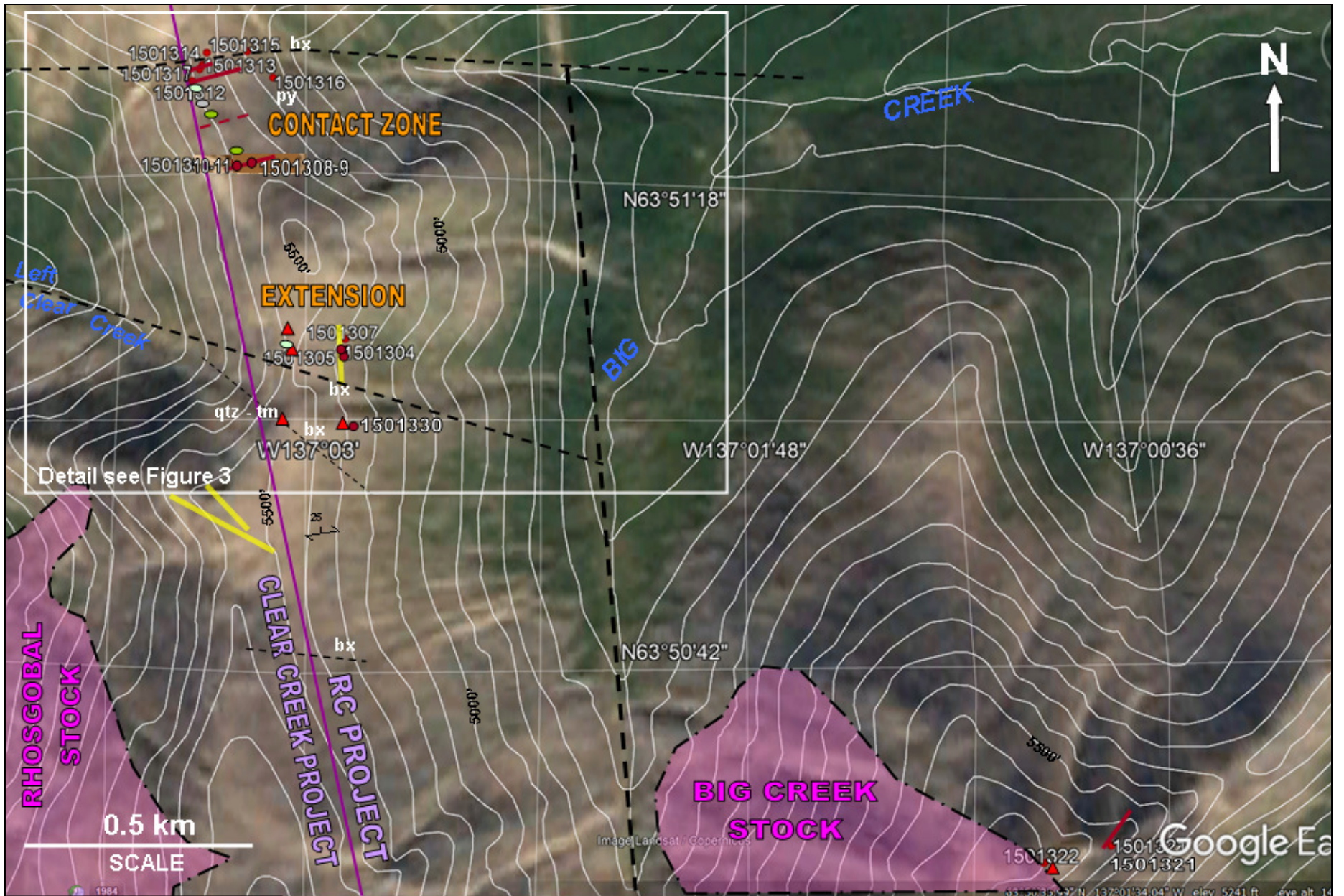
Quartz veins up to 50 cm wide were also observed within clay-sericite-limonite altered micaceous quartzite and phyllite just northeast of the Big Creek stock, with a trend of $220^{\circ}/80^{\circ}$ NW noted for one set of veins (1501321-22). Quartz-arsenopyrite veins are shown in Mann (2011) along a ridge almost 1 km south of the Big Creek stock, but no samples are noted (Figure 2).

Respectfully submitted,

Jean Pautler, P.Geo.
August 30, 2017

| SAMPLE NUMBER | GENERAL LOCATION | NAD 83 Zone 8 | | ELEV. (m) | TYPE | DESCRIPTION | Au | Ag | As | Sb |
|---------------|------------------|---------------|----------|-----------|------------|---|--------|------|--------|-----|
| | | EASTING | NORTHING | | | | ppb | ppm | ppm | ppm |
| 1501301 | Far grid | 399069 | 7079946 | 1702 | grab | composite of quartz-arsenopyrite vein talus to 15 cm, trace arsenopyrite (garlic smell), trend 010, hosted by sericite-limonite-epidote altered phyllite at contact with Rhosgobel stock | 0.051 | 4.4 | >10000 | 9 |
| 1501302 | Far grid | 399036 | 7079684 | 1737 | grab | orange to white sugary quartz veins in talus with rusty fractures, cross cutting drusy veinlets, oxidized cubic pyrite, possible sphalerite, most 10-15 cm, in phyllite near feldspar porphyry dykes off of stock | <0.005 | <0.3 | 21 | <3 |
| 1501303 | Bee grid | 399282 | 7082058 | 1582 | grab | quartz stockwork with fine (mm) quartz veinlets up to 1 cm wide, cutting bleached and variably silicified muscovite-chlorite phyllite, with boxwork (after calcite?) and some limonitic boxwork (after pyrite?); above 768.3 ppb Au in soil | 0.267 | 13.4 | 230 | 16 |
| 1501304 | Bee grid | 399277 | 7082068 | 1583 | grab | chip across 15 by 15 by 30 cm quartz-arsenopyrite vein boulder with adjacent quartz stockwork cutting bleached phyllite with 1% arsenopyrite as disseminations and aggregates along veinlets; limonitic fracture fillings and goethite blebs (after sulphide); above 768.3 ppb Au in soil | 0.051 | 11.0 | 1520 | 8 |
| 1501305 | Bee grid | 399275 | 7082066 | 1587 | grab | quartz veins with trace arsenopyrite needles at margins cutting chloritic phyllite with limonitic fracture fillings; from 768.3 ppb Au in soil area | <0.005 | <0.3 | 39 | 4 |
| 1501306 | Bee grid | 399287 | 7082076 | 1585 | grab | talus blocks of quartz vein stockwork in muscovite-chlorite phyllite with 2% oxidized cubic pyrite and trace possible fine stibnite; quartz eye rhyolite dyke through here; above 768.3 ppb Au in soil | 0.028 | 1.2 | 87 | <3 |
| 1501307 | Bee grid | 399285 | 7082097 | 1587 | grab | quartz-tourmaline breccia consisting of brecciated quartz with tourmaline and dark grey, muddy phyllite matrix cut by limonitic fractures - quartz fragments are angular to subrounded, up to 1 cm in size; above 768.3 ppb Au in soil | 0.013 | <0.3 | 31 | <3 |
| 1501308 | Bee grid | 399056 | 7082499 | 1622 | 20 cm chip | 20 cm yellowish-white quartz vein trending 070/90 in subcrop with banded margins, limonite fractures both parallel and perpendicular to vein, minor grey patches; along ridgeline | <0.005 | <0.3 | 2 | <3 |
| 1501309 | Bee grid | 399056 | 7082499 | 1622 | 40 cm chip | clear (up to 1 cm) and white (few mm) quartz vein stockwork adjoining 1501308 to south, cutting bleached sericite-limonite-clay altered micaceous quartzite with limonitic fracture fillings +/-chlorite | <0.005 | <0.3 | 11 | <3 |
| 1501310 | Bee grid | 399043 | 7082497 | 1622 | grab | quartz vein and stockwork from felsenmeer 15m along trend to west of 1501308 vein with minor drusy vugs and veins, trace fine pyrite on fractures, possible trace arsenopyrite, altered micaceous quartzite host | <0.005 | <0.3 | 38 | <3 |
| 1501311 | Bee grid | 399045 | 7082497 | 1622 | grab | garlic smelling, rusty weathering white quartz veins with possible fine arsenopyrite from 1501310 area | <0.005 | <0.3 | 18 | <3 |
| 1501312 | Bee grid | 398959 | 7082687 | 1618 | grab | rusty weathering white quartz vein with boxwork (after pyrite), some oxidized cubic pyrite, possible trace arsenopyrite, rusty fracture fillings and some stockwork cutting clay-limonite-sericite altered host | 0.023 | 4.9 | 332 | <3 |
| 1501313 | Bee grid | 398986 | 7082720 | 1610 | grab | 7 cm quartz vein with adjacent 8cm of stockwork as local felsenmeer, cut by fine (few mm) arsenopyrite and pyrite fracture fillings; clay-limonite-sericite altered host; fine tourmaline needles in area | 0.317 | 4.6 | 3383 | 10 |
| 1501314 | Bee grid | 398996 | 7082748 | 1601 | grab | weak rusty weathering 40 by 50 cm white quartz vein boulder with ribbon fractures and others cross cutting with arsenopyrite, oxidized cubic pyrite, some chlorite-epidote-limonite-clay altered wallrock clasts (old 7130 sample? nearby) | 0.046 | <0.3 | 191 | <3 |
| 1501315 | Bee grid | 399076 | 7082759 | 1562 | grab | Fe-Mn cemented breccia with quartz clasts and sericite-clay altered wallrock, some quartz stringers, lots limonite clasts to a maximum of 1 cm | 0.511 | 0.5 | 3292 | 5 |

| SAMPLE NUMBER | GENERAL LOCATION | NAD 83 Zone 8 | | ELEV. (m) | TYPE | DESCRIPTION | Au | Ag | As | Sb |
|---------------|------------------|---------------|----------|-----------|------|--|--------|------|------|-----|
| | | EASTING | NORTHING | | | | ppb | ppm | ppm | ppm |
| 1501316 | Bee grid | 399127 | 7082702 | 1547 | grab | dark, rusty weathering pyritic quartzite with dark grey patches, possible arsenopyrite, possible secondary biotite | 0.257 | 0.4 | 336 | <3 |
| 1501317 | Bee grid | 398979 | 7082712 | 1614 | grab | assorted quartz vein float from possible old trench with at least 6 sheeted veins about 15-20 cm wide, some arsenopyrite flecks, limonitic fractures and oxidized cubic pyrite, some minor stockwork | 0.007 | 0.7 | 72 | <3 |
| 1501318 | Central BCS | 400457 | 7080673 | 1757 | grab | fault breccia with limonite-Mn cement with clay altered and occasional quartz clasts | 0.007 | <0.3 | 920 | <3 |
| 1501319 | Central BCS | 400570 | 7080709 | 1747 | grab | brecciated quartz with some clay altered clasts, cut by limonitic fractures and vugs and sheeted Mn fracture fillings, possibly on trend of 2.9 g/t Au vein | 1.919 | 3.0 | 769 | <3 |
| 1501320 | Central BCS | 400569 | 7080717 | 1750 | grab | composite of 5-10 cm grey quartz veins with limonitic fracture fillings | 0.173 | 0.7 | 196 | <3 |
| 1501321 | Central BCS | 400935 | 7080939 | 1709 | grab | white quartz veins trending 220/80NW up to 50 cm wide with surrounding stockwork cutting micaceous quartzite +/- clay-sericite-limonite altered, limonite fracture fillings | <0.005 | 0.5 | 96 | <3 |
| 1501322 | Central BCS | 400774 | 7080924 | 1751 | grab | composite of 5-10 cm quartz veins with limonitic fracture fillings, and some fractured and weakly brecciated | <0.005 | <0.3 | 58 | <3 |
| 1501323 | Central BCS | 400598 | 7080736 | 1756 | grab | rusty weathering brecciated quartz with oxidized cubic pyrite and limonite (after pyrite), possible strike extent (120) of 19210 vein (2.9 g/t Au) from 2010 | 3.671 | 2.6 | 3938 | 7 |
| 1501324 | Far Grid | 398791 | 7079494 | 1635 | grab | minor quartz float to 15 cm with chlorite and tourmaline stringers and possible arsenopyrite (garlic smell) as fine grey fracture fillings, and quartz-sericite-clay altered host with quartz veinlets to 1 cm | 0.012 | 0.9 | 89 | <3 |
| 1501325 | Far Grid | 399206 | 7079692 | 1789 | grab | strong rusty, heavy, oxidized quartz-tourmaline bits from rusty soil area in 20m wide fault zone | 0.029 | 4.6 | 1862 | <3 |
| 1501326 | Far Grid | 399189 | 7079676 | 1776 | grab | quartz-tourmaline vein stockwork with sericite-clay (and/or chlorite) in strongly altered phyllite and limonite-clay-sericite altered feldspar porphyry (coarse grained feldspar porphyry dyke extends through fault zone) | 0.021 | 1.7 | 6248 | <3 |
| 1501327 | Far Grid | 399898 | 7080114 | 1626 | grab | globular quartz vein with chlorite stringers and clear quartz with minor arsenopyrite? | 0.500 | <0.3 | 13 | <3 |
| 1501328 | Central BCS | 400509 | 7080793 | 1748 | grab | fault breccia with limonite-Mn cement with clay altered and occasional quartz clasts; RC sample | 0.010 | 2.3 | 2320 | 8 |
| 1501329 | Central BCS | 400509 | 7080793 | 1748 | grab | clast supported quartz breccia with limonite cement, vugs and fracture fillings, some chlorite stringers and vugs, minor grey stringers with possible arsenopyrite (garlic smell); RC sample | <0.005 | 0.7 | 408 | <3 |
| 1501330 | Bee grid | 399291 | 7081908 | 1585 | grab | milky white quartz vein with weak brecciated margin with limonite infilling, abundant chlorite fracture fillings - stockwork, possibly with arsenopyrite (garlic smell); RC sample | <0.005 | 0.4 | 34 | <3 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |



| | | | | |
|---|---|---|---|--|
| <p>FIGURE 1 GEOLOGY & SAMPLES NW RC PROJECT JPEx August 25, 2017</p> | <p>LEGEND</p> <ul style="list-style-type: none"> ● 2017 sample --- fault — quartz vein - - - quartz stockwork ▲ quartz felsenmeer | <p>GEOLOGY</p> <ul style="list-style-type: none"> — quartz porphyry dykes | <p>L Cretaceous</p> <ul style="list-style-type: none"> ■ Tombstone (Tb) suite intrusions | <p>Proterozoic - Cambrian</p> <ul style="list-style-type: none"> □ Hyland Group metasedimentary rocks |
| | | | <p>0.5 km SCALE</p> | |

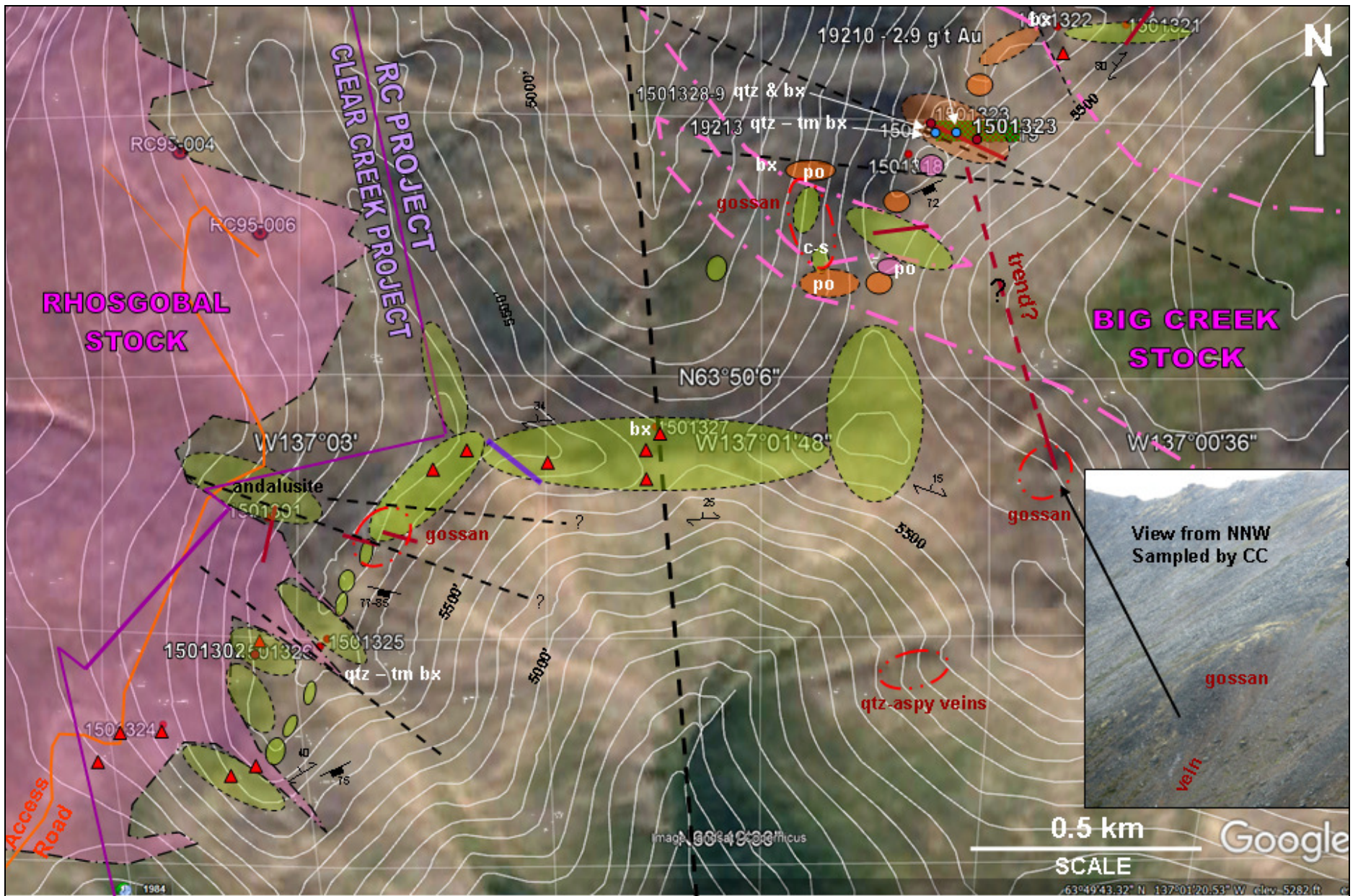


FIGURE 2
GEOLOGY & SAMPLES
 SW RC PROJECT
 JPEX August 25, 2017

| LEGEND | | Tombstone suite | Hyland Group |
|--------------------|---------------------------|------------------------------------|--|
| ● 2017 sample | ▲ quartz vein, felsenmeer | ■ quartz monzonite to granodiorite | ■ metasedimentary rocks chloritic phyllite, ± andalusite &/or graphitic, micaceous quartzite |
| ● previous sample | - - - fault | ■ quartz porphyry dykes | |
| ○ outcrop, subcrop | ○ outcrop, subcrop | ■ lamprophyre dyke | |
| | ● old drill hole | ■ quartz diorite to diorite | |

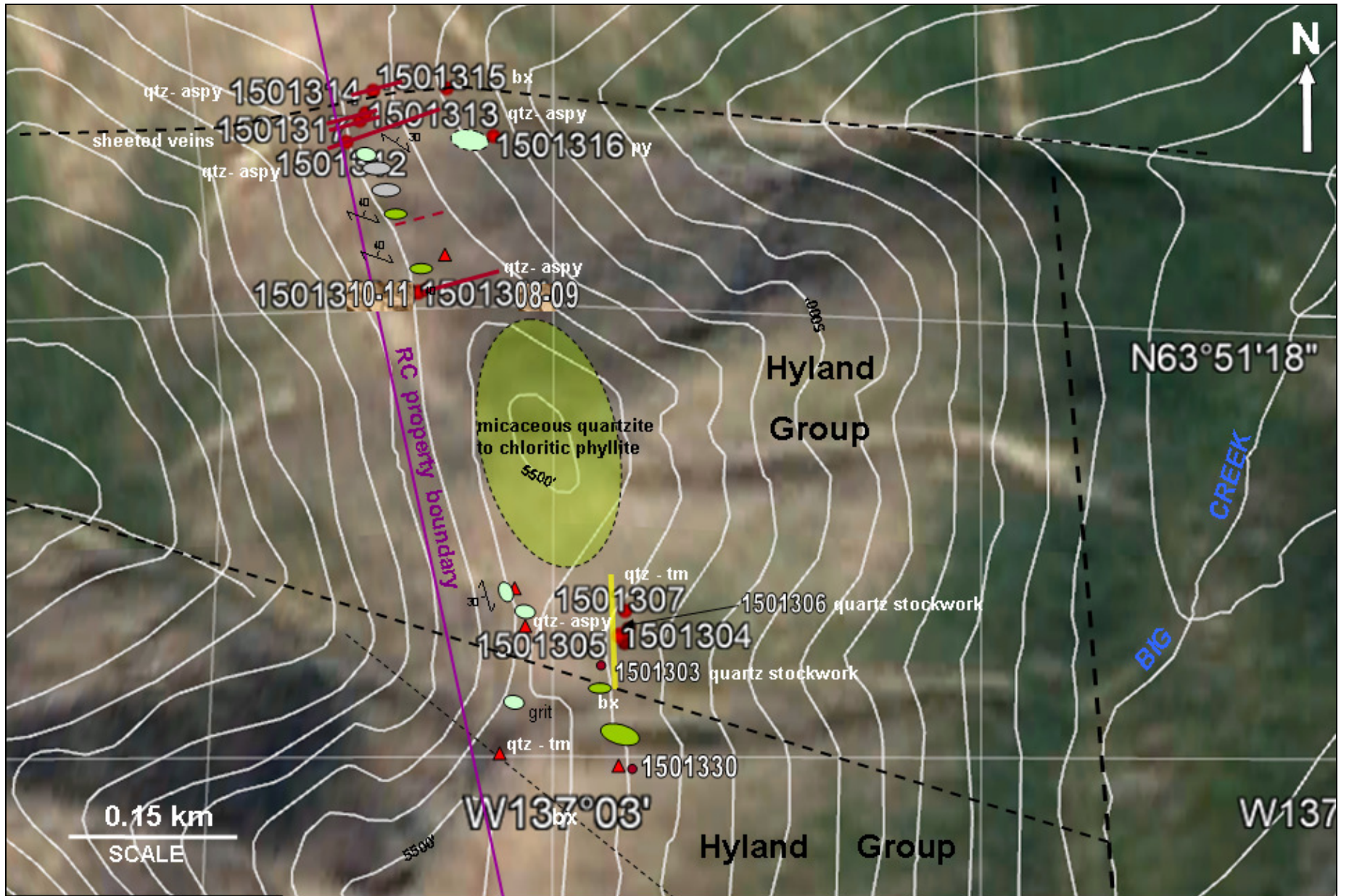


FIGURE 3
GEOLOGY & SAMPLES
CONTACT ZONE EXTENSION
JPEX August 25, 2017

| LEGEND | | quartz vein | fault | Hyland Group | outcrop |
|-------------------|---------------------|----------------------|-------------------------|-----------------------|-----------|
| ● 2017 sample | ▲ quartz felsenmeer | --- quartz stockwork | — quartz porphyry dykes | ○ micaceous quartzite | ○ subcrop |
| ● previous sample | | | | ○ chloritic phyllite | |
| | | | | ○ graphitic phyllite | |

APPENDIX VI

Laboratory Rock Sample Analysis Certificates



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: Pacific Ridge Exploration Ltd.
Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6 Canada

Submitted By: Gerry Carlson
Receiving Lab: Canada-Whitehorse
Received: August 14, 2017
Report Date: September 08, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000586.1

CLIENT JOB INFORMATION

Project: RC
Shipment ID:
P.O. Number
Number of Samples: 30

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

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

Invoice To: Pacific Ridge Exploration Ltd.
Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6
Canada

CC: Jean Pautler

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|----------------|-------------------|---|--------------|---------------|-----|
| PRP90-250 | 30 | Crush (>90%), split and pulverize 250g rock to 200 mesh | | | WHI |
| FA430 | 30 | Lead Collection Fire - Assay Fusion - AAS Finish | 30 | Completed | VAN |
| EN002 | 30 | Environmental disposal charge-Fire assay lead waste | | | VAN |
| AQ300 | 30 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 0.5 | Completed | VAN |
| SHP01 | 30 | Per sample shipping charges for branch shipments | | | VAN |

ADDITIONAL COMMENTS



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



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Project: RC
Report Date: September 08, 2017

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000586.1

| Method | WGHT | FA430 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 |
|---------|------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Th | Sr | Cd | Sb | Bi | V | Ca | P | |
| Unit | kg | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | |
| MDL | 0.01 | 0.005 | 1 | 1 | 3 | 1 | 0.3 | 1 | 1 | 2 | 0.01 | 2 | 2 | 1 | 0.5 | 3 | 3 | 1 | 0.01 | 0.001 | |
| 1501301 | Rock | 0.80 | 0.051 | 1 | <1 | 75 | 4 | 4.4 | 2 | 1 | 47 | 1.91 | >10000 | 9 | 53 | <0.5 | 9 | 7 | <1 | 0.27 | 0.044 |
| 1501302 | Rock | 2.87 | <0.005 | 13 | 3 | 3 | 5 | <0.3 | 2 | <1 | 27 | 0.81 | 21 | <2 | <1 | <0.5 | <3 | <3 | <1 | <0.01 | 0.004 |
| 1501303 | Rock | 1.92 | 0.267 | <1 | 9 | 49 | 24 | 13.4 | 5 | 2 | 37 | 0.94 | 230 | 5 | 10 | <0.5 | 16 | 13 | <1 | <0.01 | 0.007 |
| 1501304 | Rock | 1.81 | 0.051 | <1 | 12 | 50 | 44 | 11.0 | 5 | 3 | 57 | 1.04 | 1520 | <2 | 7 | <0.5 | 8 | 5 | 1 | <0.01 | 0.005 |
| 1501305 | Rock | 1.71 | <0.005 | <1 | 12 | 7 | 21 | <0.3 | 3 | <1 | 56 | 1.03 | 39 | 3 | 1 | <0.5 | 4 | <3 | 3 | <0.01 | 0.005 |
| 1501306 | Rock | 1.15 | 0.028 | <1 | 17 | 11 | 29 | 1.2 | 5 | 1 | 56 | 1.40 | 87 | 4 | <1 | <0.5 | <3 | 6 | 2 | <0.01 | 0.007 |
| 1501307 | Rock | 2.39 | 0.013 | <1 | 10 | 9 | 10 | <0.3 | 1 | <1 | 19 | 0.61 | 31 | 6 | 4 | <0.5 | <3 | <3 | <1 | <0.01 | 0.006 |
| 1501308 | Rock | 1.43 | <0.005 | <1 | 4 | 5 | 14 | <0.3 | 8 | 3 | 102 | 0.53 | 2 | <2 | 2 | <0.5 | <3 | 4 | 2 | 0.01 | 0.006 |
| 1501309 | Rock | 0.95 | <0.005 | <1 | 5 | 7 | 13 | <0.3 | 2 | <1 | 101 | 0.80 | 11 | 5 | 4 | <0.5 | <3 | <3 | 4 | 0.01 | 0.005 |
| 1501310 | Rock | 2.00 | <0.005 | <1 | 5 | 11 | 21 | <0.3 | 8 | 3 | 168 | 0.66 | 38 | 3 | 3 | <0.5 | <3 | <3 | 2 | 0.05 | 0.012 |
| 1501311 | Rock | 2.44 | <0.005 | <1 | 3 | 3 | 5 | <0.3 | 2 | <1 | 42 | 0.37 | 18 | <2 | 1 | <0.5 | <3 | 4 | 1 | <0.01 | 0.002 |
| 1501312 | Rock | 3.23 | 0.023 | <1 | 10 | 18 | 14 | 4.9 | 8 | 3 | 83 | 0.97 | 332 | 2 | 11 | <0.5 | <3 | 9 | 2 | <0.01 | 0.013 |
| 1501313 | Rock | 1.49 | 0.317 | <1 | 31 | 22 | 17 | 4.6 | 7 | 2 | 45 | 1.11 | 3383 | 4 | 14 | <0.5 | 10 | 7 | 2 | <0.01 | 0.011 |
| 1501314 | Rock | 2.51 | 0.046 | <1 | 5 | <3 | 3 | <0.3 | 1 | <1 | 34 | 0.74 | 191 | <2 | 6 | <0.5 | <3 | 4 | 1 | 0.02 | 0.014 |
| 1501315 | Rock | 1.56 | 0.511 | <1 | 207 | 22 | 70 | 0.5 | 14 | 8 | 89 | 13.62 | 3292 | 22 | 4 | 0.6 | 5 | 41 | 12 | <0.01 | 0.083 |
| 1501316 | Rock | 1.00 | 0.257 | <1 | 111 | <3 | 39 | 0.4 | 26 | 6 | 133 | 2.76 | 336 | 7 | 12 | <0.5 | <3 | 31 | 6 | 0.12 | 0.016 |
| 1501317 | Rock | 2.97 | 0.007 | <1 | 2 | 7 | 6 | 0.7 | 1 | <1 | 19 | 0.38 | 72 | <2 | 2 | <0.5 | <3 | <3 | <1 | <0.01 | 0.003 |
| 1501318 | Rock | 1.34 | 0.007 | 2 | 30 | 20 | 121 | <0.3 | 16 | 17 | 1835 | 9.87 | 920 | 17 | 14 | <0.5 | <3 | <3 | 88 | 0.31 | 0.125 |
| 1501319 | Rock | 1.12 | 1.919 | <1 | 225 | 3 | 6 | 3.0 | 2 | 4 | 32 | 3.73 | 769 | <2 | 4 | <0.5 | <3 | 360 | 13 | 0.01 | 0.019 |
| 1501320 | Rock | 2.02 | 0.173 | <1 | 24 | <3 | 1 | 0.7 | 1 | 3 | 30 | 1.00 | 196 | <2 | <1 | <0.5 | <3 | 19 | 2 | 0.01 | 0.004 |
| 1501321 | Rock | 1.70 | <0.005 | <1 | 2 | 3 | 15 | 0.5 | 4 | 2 | 40 | 0.65 | 96 | 3 | 3 | <0.5 | <3 | <3 | 4 | <0.01 | 0.008 |
| 1501322 | Rock | 1.32 | <0.005 | <1 | 6 | <3 | 12 | <0.3 | 2 | <1 | 25 | 1.10 | 58 | 3 | <1 | <0.5 | <3 | <3 | 4 | <0.01 | 0.008 |
| 1501323 | Rock | 2.03 | 3.671 | 1 | 100 | <3 | 3 | 2.6 | 1 | 6 | 29 | 4.49 | 3938 | <2 | 15 | <0.5 | 7 | 143 | 11 | 0.05 | 0.016 |
| 1501324 | Rock | 2.67 | 0.012 | 2 | 8 | 5 | 17 | 0.9 | 2 | 2 | 174 | 0.90 | 89 | 5 | 3 | <0.5 | <3 | <3 | 2 | 0.03 | 0.016 |
| 1501325 | Rock | 1.17 | 0.029 | <1 | 17 | 55 | 21 | 4.6 | 4 | 2 | 34 | 2.42 | 1862 | 6 | 7 | <0.5 | <3 | 13 | 3 | 0.02 | 0.034 |
| 1501326 | Rock | 1.67 | 0.021 | <1 | 14 | 39 | 9 | 1.7 | 3 | 2 | 31 | 1.04 | 6248 | 8 | 9 | <0.5 | <3 | <3 | 2 | 0.03 | 0.019 |
| 1501327 | Rock | 0.93 | 0.500 | <1 | 69 | <3 | 13 | <0.3 | 10 | 5 | 130 | 1.72 | 13 | 10 | 31 | <0.5 | <3 | 8 | 12 | 0.33 | 0.017 |
| 1501328 | Rock | 0.36 | 0.010 | 3 | 16 | 17 | 55 | 2.3 | 7 | 4 | 1784 | 9.98 | 2320 | 6 | 14 | <0.5 | 8 | <3 | 70 | 0.09 | 0.106 |
| 1501329 | Rock | 0.60 | <0.005 | <1 | 35 | 10 | 3 | 0.7 | 5 | 7 | 100 | 3.27 | 408 | <2 | 2 | <0.5 | <3 | 6 | 7 | 0.01 | 0.007 |
| 1501330 | Rock | 1.38 | <0.005 | <1 | 7 | 13 | 12 | 0.4 | 1 | <1 | 27 | 0.99 | 34 | 3 | 1 | <0.5 | <3 | <3 | 1 | <0.01 | 0.010 |



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Pacific Ridge Exploration Ltd.**

Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6 Canada

Project: RC

Report Date: September 08, 2017

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000586.1

| Method | Analyte | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 |
|---------|---------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | S | Hg | Tl | Ga | Sc |
| Unit | | ppm | ppm | % | ppm | % | ppm | % | % | ppm | % | ppm | ppm | ppm | ppm | ppm |
| MDL | | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.01 | 2 | 0.05 | 1 | 5 | 5 | 5 | 5 |
| 1501301 | Rock | 7 | 2 | <0.01 | 80 | <0.001 | <20 | 0.15 | 0.04 | 0.04 | >100 | 0.40 | 1 | <5 | <5 | <5 |
| 1501302 | Rock | 1 | 3 | <0.01 | 10 | <0.001 | <20 | 0.04 | <0.01 | 0.01 | 74 | <0.05 | <1 | <5 | <5 | <5 |
| 1501303 | Rock | 11 | 2 | <0.01 | 13 | <0.001 | <20 | 0.12 | <0.01 | 0.08 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501304 | Rock | 7 | <1 | 0.01 | 52 | <0.001 | <20 | 0.12 | <0.01 | 0.07 | <2 | 0.07 | <1 | <5 | <5 | <5 |
| 1501305 | Rock | 6 | 4 | 0.06 | 10 | <0.001 | <20 | 0.20 | <0.01 | 0.06 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501306 | Rock | 7 | 3 | <0.01 | 17 | <0.001 | <20 | 0.13 | <0.01 | 0.08 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501307 | Rock | 14 | 1 | <0.01 | 8 | <0.001 | 31 | 0.08 | <0.01 | 0.03 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501308 | Rock | 3 | 5 | 0.08 | 4 | 0.009 | <20 | 0.16 | 0.02 | 0.01 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501309 | Rock | 6 | 6 | 0.15 | 13 | 0.008 | <20 | 0.28 | 0.03 | 0.02 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501310 | Rock | 5 | 6 | 0.10 | 8 | 0.006 | <20 | 0.17 | 0.02 | 0.02 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501311 | Rock | <1 | 3 | 0.03 | 2 | 0.001 | <20 | 0.06 | <0.01 | <0.01 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501312 | Rock | 5 | 4 | <0.01 | 22 | <0.001 | <20 | 0.12 | <0.01 | 0.06 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501313 | Rock | 4 | 1 | <0.01 | 69 | <0.001 | <20 | 0.13 | <0.01 | 0.03 | <2 | 0.08 | <1 | <5 | <5 | <5 |
| 1501314 | Rock | <1 | 2 | 0.02 | 6 | <0.001 | <20 | 0.05 | <0.01 | 0.02 | >100 | <0.05 | <1 | <5 | <5 | <5 |
| 1501315 | Rock | 19 | 9 | <0.01 | 31 | 0.002 | <20 | 0.48 | <0.01 | 0.09 | 3 | <0.05 | <1 | <5 | 7 | <5 |
| 1501316 | Rock | 7 | 11 | 0.24 | 25 | 0.018 | <20 | 0.76 | 0.03 | 0.09 | >100 | 1.13 | <1 | <5 | <5 | <5 |
| 1501317 | Rock | 1 | 1 | <0.01 | 4 | <0.001 | <20 | 0.04 | <0.01 | 0.01 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501318 | Rock | 56 | 57 | 0.07 | 92 | 0.001 | <20 | 0.79 | <0.01 | 0.08 | <2 | <0.05 | <1 | <5 | <5 | 20 |
| 1501319 | Rock | 2 | 12 | <0.01 | 10 | <0.001 | <20 | 0.07 | <0.01 | <0.01 | 26 | <0.05 | <1 | <5 | <5 | <5 |
| 1501320 | Rock | <1 | 4 | <0.01 | 2 | <0.001 | <20 | <0.01 | <0.01 | <0.01 | >100 | <0.05 | <1 | <5 | <5 | <5 |
| 1501321 | Rock | 4 | 3 | 0.03 | 11 | 0.001 | <20 | 0.16 | <0.01 | 0.05 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501322 | Rock | 3 | 2 | <0.01 | 10 | <0.001 | <20 | 0.10 | <0.01 | 0.03 | 2 | <0.05 | <1 | <5 | <5 | <5 |
| 1501323 | Rock | 2 | 19 | <0.01 | 31 | <0.001 | <20 | 0.04 | <0.01 | <0.01 | >100 | <0.05 | 1 | <5 | <5 | <5 |
| 1501324 | Rock | 7 | 3 | 0.06 | 26 | 0.003 | <20 | 0.15 | 0.01 | 0.08 | >100 | <0.05 | 1 | <5 | <5 | <5 |
| 1501325 | Rock | 16 | 3 | 0.02 | 89 | <0.001 | <20 | 0.20 | <0.01 | 0.07 | 64 | <0.05 | <1 | <5 | <5 | <5 |
| 1501326 | Rock | 8 | 2 | 0.03 | 47 | <0.001 | <20 | 0.33 | 0.01 | 0.06 | >100 | 0.20 | <1 | <5 | <5 | <5 |
| 1501327 | Rock | 7 | 16 | 0.30 | 71 | 0.029 | <20 | 1.12 | 0.08 | 0.24 | <2 | 0.18 | <1 | <5 | <5 | <5 |
| 1501328 | Rock | 17 | 10 | 0.02 | 59 | <0.001 | <20 | 0.24 | <0.01 | 0.09 | 17 | <0.05 | <1 | 5 | <5 | 8 |
| 1501329 | Rock | 1 | 1 | <0.01 | 4 | <0.001 | <20 | 0.02 | <0.01 | <0.01 | 14 | <0.05 | <1 | <5 | <5 | <5 |
| 1501330 | Rock | 2 | <1 | <0.01 | 7 | <0.001 | <20 | 0.08 | <0.01 | 0.02 | <2 | <0.05 | <1 | <5 | <5 | <5 |



QUALITY CONTROL REPORT

WHI17000586.1

| Method | WGHT | FA430 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 |
|------------------------|------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Th | Sr | Cd | Sb | Bi | V | Ca | P | |
| Unit | kg | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | |
| MDL | 0.01 | 0.005 | 1 | 1 | 3 | 1 | 0.3 | 1 | 1 | 2 | 0.01 | 2 | 2 | 1 | 0.5 | 3 | 3 | 1 | 0.01 | 0.001 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1501301 | Rock | 0.80 | 0.051 | 1 | <1 | 75 | 4 | 4.4 | 2 | 1 | 47 | 1.91 | >10000 | 9 | 53 | <0.5 | 9 | 7 | <1 | 0.27 | 0.044 |
| REP 1501301 | QC | | | <1 | 1 | 77 | 5 | 4.5 | 2 | 1 | 47 | 1.96 | >10000 | 8 | 54 | <0.5 | 11 | 6 | <1 | 0.28 | 0.044 |
| 1501329 | Rock | 0.60 | <0.005 | <1 | 35 | 10 | 3 | 0.7 | 5 | 7 | 100 | 3.27 | 408 | <2 | 2 | <0.5 | <3 | 6 | 7 | 0.01 | 0.007 |
| REP 1501329 | QC | | 0.005 | | | | | | | | | | | | | | | | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1501327 | Rock | 0.93 | 0.500 | <1 | 69 | <3 | 13 | <0.3 | 10 | 5 | 130 | 1.72 | 13 | 10 | 31 | <0.5 | <3 | 8 | 12 | 0.33 | 0.017 |
| DUP 1501327 | QC | | 0.393 | <1 | 75 | <3 | 13 | <0.3 | 10 | 5 | 134 | 1.72 | 8 | 10 | 33 | <0.5 | <3 | 9 | 12 | 0.35 | 0.019 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | | | 12 | 142 | 130 | 339 | 1.7 | 78 | 13 | 1028 | 3.01 | 42 | 9 | 63 | 2.2 | 5 | 11 | 47 | 1.02 | 0.071 |
| STD OREAS45EA | Standard | | | 2 | 685 | 17 | 31 | <0.3 | 360 | 50 | 399 | 21.34 | 12 | 11 | 4 | 1.0 | <3 | <3 | 297 | 0.03 | 0.031 |
| STD OXC145 | Standard | | 0.207 | | | | | | | | | | | | | | | | | | |
| STD OXH122 | Standard | | 1.216 | | | | | | | | | | | | | | | | | | |
| STD OXN117 | Standard | | 7.311 | | | | | | | | | | | | | | | | | | |
| STD OREAS45EA Expected | | | | 1.6 | 709 | 14.3 | 31.4 | 0.26 | 381 | 52 | 400 | 23.51 | 10 | 10.7 | 3.5 | | | | 303 | 0.036 | 0.029 |
| STD DS11 Expected | | | | 13.9 | 156 | 138 | 345 | 1.71 | 81.9 | 14.2 | 1055 | 3.2082 | 42.8 | 7.65 | 67.3 | 2.37 | 7.2 | 12.2 | 50 | 1.063 | 0.0701 |
| STD OXN117 Expected | | | 7.679 | | | | | | | | | | | | | | | | | | |
| STD OXC145 Expected | | | 0.212 | | | | | | | | | | | | | | | | | | |
| STD OXH122 Expected | | | 1.247 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | <1 | <1 | <3 | <1 | <0.3 | <1 | <1 | <2 | <0.01 | <2 | <2 | <1 | <0.5 | <3 | <3 | <1 | <0.01 | <0.001 |
| BLK | Blank | | <0.005 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.005 | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-WHI | Prep Blank | | <0.005 | <1 | 2 | 8 | 33 | <0.3 | <1 | 3 | 524 | 1.66 | <2 | <2 | 16 | <0.5 | <3 | 3 | 20 | 0.50 | 0.039 |
| ROCK-WHI | Prep Blank | | <0.005 | <1 | 3 | <3 | 34 | <0.3 | 1 | 3 | 535 | 1.70 | <2 | 3 | 25 | <0.5 | <3 | <3 | 20 | 0.57 | 0.037 |



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

Project: RC
Report Date: September 08, 2017

Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

WHI17000586.1

| Method | Analyte | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 | AQ300 |
|------------------------|------------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|
| | | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | S | Hg | Tl | Ga | Sc |
| Unit | | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.01 | 0.01 | 2 | 0.05 | 1 | 5 | 5 | 5 |
| Pulp Duplicates | | | | | | | | | | | | | | | | |
| 1501301 | Rock | 7 | 2 | <0.01 | 80 | <0.001 | <20 | 0.15 | 0.04 | 0.04 | >100 | 0.40 | 1 | <5 | <5 | <5 |
| REP 1501301 | QC | 7 | 3 | <0.01 | 80 | <0.001 | <20 | 0.15 | 0.04 | 0.04 | >100 | 0.42 | 1 | <5 | <5 | <5 |
| 1501329 | Rock | 1 | 1 | <0.01 | 4 | <0.001 | <20 | 0.02 | <0.01 | <0.01 | 14 | <0.05 | <1 | <5 | <5 | <5 |
| REP 1501329 | QC | | | | | | | | | | | | | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | |
| 1501327 | Rock | 7 | 16 | 0.30 | 71 | 0.029 | <20 | 1.12 | 0.08 | 0.24 | <2 | 0.18 | <1 | <5 | <5 | <5 |
| DUP 1501327 | QC | 8 | 16 | 0.30 | 72 | 0.029 | <20 | 1.15 | 0.09 | 0.24 | <2 | 0.19 | <1 | <5 | <5 | <5 |
| Reference Materials | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 16 | 55 | 0.82 | 423 | 0.085 | <20 | 1.07 | 0.07 | 0.38 | 2 | 0.28 | <1 | 5 | 6 | <5 |
| STD OREAS45EA | Standard | 7 | 827 | 0.10 | 140 | 0.097 | <20 | 3.02 | 0.02 | 0.05 | <2 | <0.05 | <1 | <5 | 24 | 81 |
| STD OXC145 | Standard | | | | | | | | | | | | | | | |
| STD OXH122 | Standard | | | | | | | | | | | | | | | |
| STD OXN117 | Standard | | | | | | | | | | | | | | | |
| STD OREAS45EA Expected | | 7.06 | 849 | 0.095 | 148 | 0.0984 | | 3.13 | 0.02 | 0.053 | | 0.036 | | 12.4 | 78 | |
| STD DS11 Expected | | 18.6 | 61.5 | 0.85 | 417 | 0.0976 | 6 | 1.129 | 0.0694 | 0.4 | 2.9 | 0.2835 | 0.3 | 4.9 | 4.7 | 3.1 |
| STD OXN117 Expected | | | | | | | | | | | | | | | | |
| STD OXC145 Expected | | | | | | | | | | | | | | | | |
| STD OXH122 Expected | | | | | | | | | | | | | | | | |
| BLK | Blank | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.01 | <0.01 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| BLK | Blank | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | |
| ROCK-WHI | Prep Blank | 5 | 3 | 0.46 | 46 | 0.060 | <20 | 0.78 | 0.06 | 0.07 | <2 | <0.05 | <1 | <5 | <5 | <5 |
| ROCK-WHI | Prep Blank | 5 | 1 | 0.46 | 60 | 0.070 | <20 | 0.90 | 0.08 | 0.09 | <2 | <0.05 | <1 | <5 | <5 | <5 |

APPENDIX VII

Invoices

**2017 RC Gold Project Expenditures
RC and BEE Claims
Dawson Mining District**

| Date | Description | Amount |
|-------------|---------------------------------|----------------------|
| 27-Aug-17 | JP Exploration | \$ 4,636.80 |
| 10-Aug-17 | Fox Exploration Ltd. | \$ 75,121.64 |
| 11-Sep-17 | BV - Rocks | \$ 962.45 |
| 30-Jul-17 | Reflex - Portable XRF Rental | \$ 3,869.78 |
| 31-Jul-17 | G.Carlson - 14 days @ \$800/day | \$ 11,200.00 |
| 31-Jul-17 | Thor Geo Science Rentals Ltd. | \$ 2,054.06 |
| 29-Jul-17 | ALS Chemex | \$ 148.84 |
| 27-Aug-17 | ALS Chemex | \$ 8,411.98 |
| 4-Sep-17 | ALS Chemex | \$ 156.11 |
| 7-Sep-17 | ALS Chemex | \$ 1,089.74 |
| 21-Sep-17 | ALS Chemex | \$ 8,205.49 |
| 10-Aug-17 | Total North - Satellite | \$ 1,542.19 |
| | Report Preparation | \$ 2,400.00 |
| | Total | \$ 119,799.08 |

QM02046
097080



Suite 1100 - 1111 Melville Street
Vancouver, BC V6E 3V6
Tel: 604.687.4951
Fax: 604.484.7143
www.pacificridgeexploration.com

October 5, 2017

Mayo Mining Recorder
207 - 6th Avenue
PO Box 10
Mayo, Yukon Y0B 1M0
mayo.mining@gov.yk.ca



Dear Mining Recorder:

Attached please find an application for a Certificate of Work for the BOP 1-8 claim group. An expenditure list and invoices in the amount of \$117,399.08 spent on the entire RC Gold (RC, BEE and BOP claims are attached. Of this amount, \$12,259.37 was spent on the 8 BOP claims as shown on the attached claim map.

The filing fees for these applications are outlined below:

Assessment Filing: 32 claim years @ \$5.00 \$160.00

I will phone with credit card information for this payment. The original materials will be sent to you by mail.

Sincerely,
PACIFIC RIDGE EXPLORATION LTD.

A handwritten signature in blue ink, appearing to read "G. Carlson", written over a blue circular stamp.

Gerald G. Carlson
President & CEO

Encls: Application for a Certificate of Work
List of claims
Claim map showing exploration work performed
Expenditure list and invoices

I, **Gerald G. Carlson**
[Redacted]
of **1100 - 1111 Melville St., Vancouver, BC, V6E 3V6**
Phone **604-687-4951**
Client I.D. Number: [Redacted]
make oath and say that:

Office Date Stamp

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

BOP 1 to 8 (YD16865 to YD16872)
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

situated at **Upper Clear Creek area.** Claim sheet No. **115P/14**

in the **Mayo** Mining District, to the value of at least **\$3,200.00** dollars,

since the **1st** day of **June**, 20**17**

to represent the following mineral claims under the authority of Grouping Certificate No. [Redacted]
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

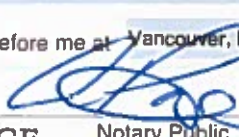
BOP 1 to 8 (YD16865 to YD16872)
[Redacted]
[Redacted]
[Redacted]
[Redacted]

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

Geological mapping, soil sampling and geophysical surveying during the period July 9 to August 1, 2017.

(List of expenditures and receipts attached.)
[Redacted]
[Redacted]
[Redacted]

Sworn before me at **Vancouver, B.C.** this [Redacted] day of **October**, 20**17**


Notary Public


Owner or Authorized Agent

Office Use Only

QUARTZ MINING ACT FORM 12 SECTION 55
APPLICATION TO GROUP MINERAL CLAIMS

Mayo MINING DISTRICT

Office Date Stamp

I, (We) the undersigned owners or agent(s) of the owners of following mineral claims.

(Additional sheets or an appendix may be used) (Claim names and grant numbers to be listed in sequence eg. TOM 1-40, YC10001 - YC10040)

| GRANT NUMBER | CLAIM NAME | MAP SHEET |
|-------------------|---------------|-----------|
| YD16865 - YD16872 | BOP 1 - BOP 8 | 114P/14 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Give notice of intention to group the said claims for the performance of work and do hereby apply under the provisions of section 55 of the *Quartz Mining Act* for a certificate in form 6.

I (We) hereby certify that the above claims are adjoining as shown on the attached sketch

Dated at Vancouver, B.C.

This 6th day of October, 2017

Gerald G. Carlson



Applicant(s)

Client I.D. Number

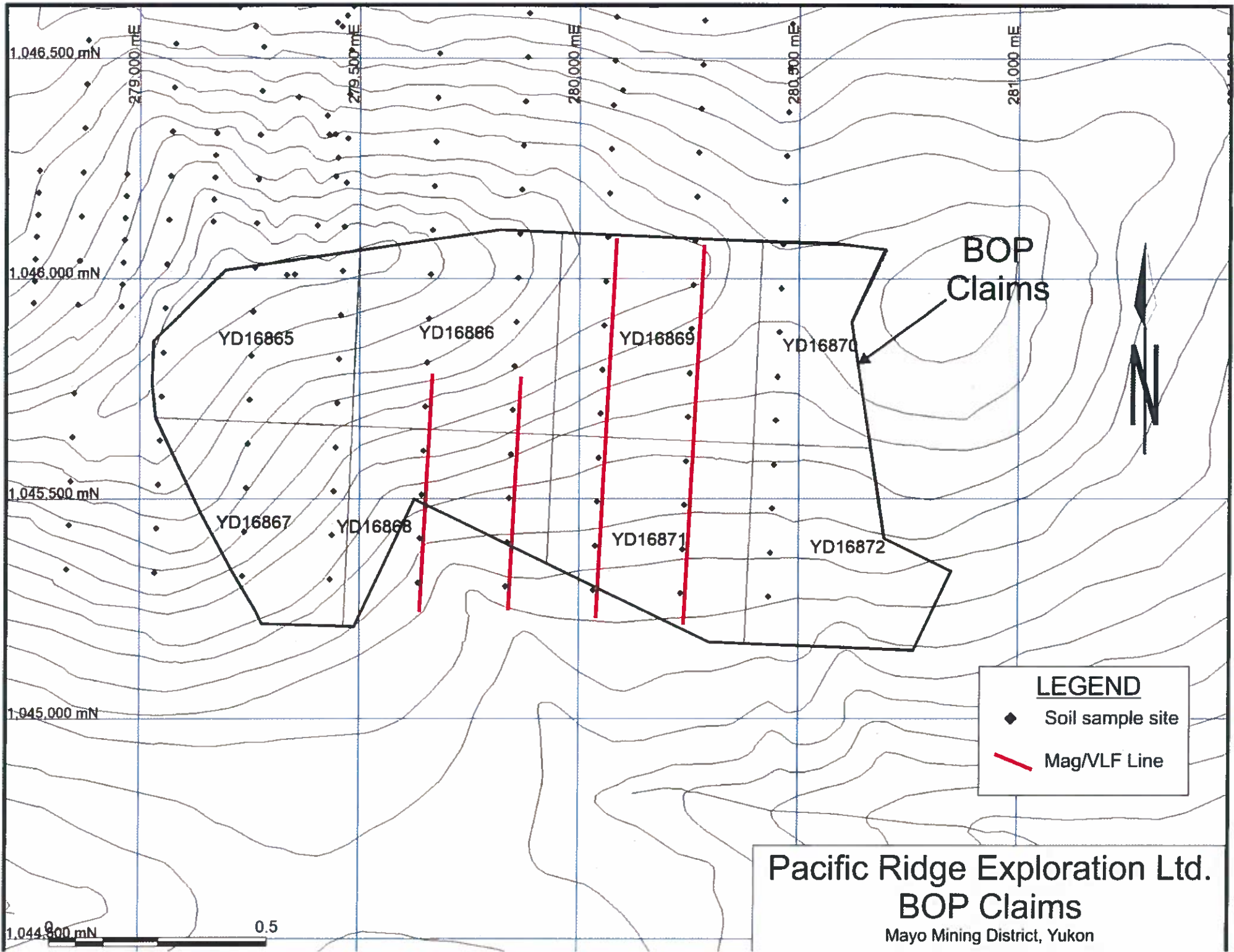
Access to Information and Protection of Privacy Act

The personal information requested on this form is collected under the authority of and used for the purpose of administering the *Quartz Mining Act*. Questions about the collection and use of this information can be directed to the Mining Records Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2703, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-3190

BOP Claim Group

| District | Grant No. | Name | No. | Owner | Expiry | NTS | Years | New Expiry |
|----------|-----------|------|-----|---------------------|-------------|--------|-------|-------------|
| Mayo | YD16865 | BOP | 1 | William Mann - 100% | 25-May-2018 | 115P15 | 4 | 25-May-2022 |
| Mayo | YD16866 | BOP | 2 | William Mann - 100% | 25-May-2018 | 115P15 | 4 | 25-May-2022 |
| Mayo | YD16867 | BOP | 3 | William Mann - 100% | 25-May-2018 | 115P15 | 4 | 25-May-2022 |
| Mayo | YD16868 | BOP | 4 | William Mann - 100% | 25-May-2018 | 115P15 | 4 | 25-May-2022 |
| Mayo | YD16869 | BOP | 5 | William Mann - 100% | 25-May-2018 | 115P15 | 4 | 25-May-2022 |
| Mayo | YD16870 | BOP | 6 | William Mann - 100% | 25-May-2018 | 115P15 | 4 | 25-May-2022 |
| Mayo | YD16871 | BOP | 7 | William Mann - 100% | 25-May-2018 | 115P15 | 4 | 25-May-2022 |
| Mayo | YD16872 | BOP | 8 | William Mann - 100% | 25-May-2018 | 115P15 | 4 | 25-May-2022 |

Total 32



BOP
Claims



LEGEND

- ◆ Soil sample site
- Mag/VLF Line

Pacific Ridge Exploration Ltd.
BOP Claims
Mayo Mining District, Yukon

1,044,800 mN 0.5

**2017 RC Gold Project Expenditures
RC and BEE Claims
Dawson Mining District**

| Date | Description | Amount |
|-------------|---------------------------------|----------------------|
| 27-Aug-17 | IP Exploration | \$ 4,636.80 |
| 10-Aug-17 | Fox Exploration Ltd. | \$ 75,121.64 |
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| 30-Jul-17 | Reflex - Portable XRF Rental | \$ 3,869.78 |
| 31-Jul-17 | G.Carlson - 14 days @ \$800/day | \$ 11,200.00 |
| 31-Jul-17 | Thor Geo Science Rentals Ltd. | \$ 2,054.06 |
| 29-Jul-17 | ALS Chemex | \$ 148.84 |
| 27-Aug-17 | ALS Chemex | \$ 8,411.98 |
| 4-Sep-17 | ALS Chemex | \$ 156.11 |
| 7-Sep-17 | ALS Chemex | \$ 1,089.74 |
| 21-Sep-17 | ALS Chemex | \$ 8,205.49 |
| 10-Aug-17 | Total North - Satellite | \$ 1,542.19 |
| | Total | \$ 117,399.08 |

| | |
|-----------------|---------------|
| RC & BEE Claims | \$ 105,139.71 |
| BOP Claims | \$ 12,259.37 |

Re Gold.

Less: Total North - 414.75
1168.17
451.50
SJ (Thor) - 6716.25
Reflex - 10,613.35
19,363.98

FOX EXPLORATION LTD.
(604) 315-1033

1500-409 Granville St
Vancouver, British Columbia
V6C 1T2
Canada

Billed To
Pacific Ridge Exploration
1100-1111 Melville St.
Vancouver, BC
V6E 3V6

Date of Issue
08/10/2017

Due Date
09/09/2017

Invoice Number
17007

Amount Due (CAD)
\$94,485.62

- 19,363.98
75,121.64

| Description | Rate | Qty | Line Total |
|--|------------------|------|-------------|
| P.GEO | \$600.00 +GST | 20 | \$12,000.00 |
| FIELD TECH | \$500.00 +GST | 27 | \$13,500.00 |
| GEO TECH | \$400.00 +GST | 28.5 | \$11,400.00 |
| ADDITIONAL SAMPLER Stephen 2 travel days, 2 sampling days | \$200.00 +GST | 4 | \$800.00 |
| 4-MAN CAMP | \$155.00 +GST | 25 | \$3,875.00 |
| CAMP OFFICE | \$90.00 +GST | 23 | \$2,070.00 |
| 1 TONNE 4X4 PICKUP TRUCK | \$140.00 +GST | 27 | \$3,780.00 |
| 1 TONNE 4X4 PICKUP TRUCK | \$140.00 +GST | 20 | \$2,800.00 |
| FIELD/SAMPLING EQUIPMENT | \$150.00 +GST | 25 | \$3,750.00 |

| | | | |
|--|--------------------|--------------------------|-------------|
| ATV | \$100.00 +GST | 23 | \$2,300.00 |
| TRAILER | \$100.00 +GST | 23 | \$2,300.00 |
| EXPENSES (SEE ATTACHED) *XRF, Mag/VLF, Sat. Internet rentals included in this invoice | \$28,494.05 | 1 | \$28,494.05 |
| 15% COST PLUS Cost plus on expenses | \$4,274.11 +GST | 1 | \$4,274.11 |
| | | Subtotal | 91,343.16 |
| | | GST (5%) #803 109 461 | 3,142.46 |
| | | Total | 94,485.62 |
| | | Amount Paid | 0.00 |
| | | Amount Due (CAD) | \$94,485.62 |

Terms

Please pay upon receipt of invoice.

FOX EXPLORATION LTD.

Expense Report

Date: 10-Aug-17

Project: RC Property

Client: Pacific Ridge Exploration

| SHEET # | AMOUNT | (LESS GST) |
|---------------|------------------------|------------------|
| 1 | \$ 3,892.16 \$ | 3,706.82 |
| 2 | \$ 22,272.85 \$ | 21,212.24 |
| 3 | \$ 2,329.04 \$ | 2,218.13 |
| TOTAL: | \$ 28,494.05 \$ | 27,137.19 |

PROXIMITY LOGS & COSTS LIMITED.

Reference: **127810**

Name: **Ryan C Gee**

For the period of **01/01/2017 to 31/03/2017**

Date: **26/04/17**

Client: **PROXIMITY LOGS & COSTS LIMITED**

Project: **RQ Property**

Payment type: **POK VISA OR CASH**

| Date | Voucher | Description | Category | £ Amount | VST/STST | Total | Notes |
|----------|----------|---------------|----------------|----------|----------|----------|-------|
| 10/01/17 | 10/01/17 | FUEL | FUEL | 11.20 | 1.17 | \$12.37 | |
| 10/01/17 | 10/01/17 | PROVISIONS | CAMP SUPPLIES | 99.40 | 1.00 | \$100.40 | |
| 7/01/17 | 7/01/17 | FUEL | FUEL | 104.48 | 1.36 | \$105.84 | |
| 8/01/17 | 8/01/17 | PROVISIONS | CAMP SUPPLIES | 30.20 | 1.00 | \$30.20 | |
| 10/01/17 | 10/01/17 | HOME HANDWARE | CAMP SUPPLIES | 48.87 | 1.50 | \$53.36 | |
| 10/01/17 | 10/01/17 | PROVISIONS | CAMP SUPPLIES | 9.90 | 0.80 | \$10.70 | |
| 8/01/17 | 8/01/17 | WALMART | CAMP SUPPLIES | 6.44 | 0.00 | \$6.44 | |
| 11/01/17 | 11/01/17 | WALMART | FOOD | 19.77 | 0.00 | \$19.77 | |
| 8/01/17 | 8/01/17 | WALMART | FOOD | 3.89 | 1.50 | \$4.39 | |
| 8/01/17 | 8/01/17 | WALMART | FOOD | 71.60 | 1.17 | \$72.77 | |
| 8/01/17 | 8/01/17 | WALMART | FOOD | 4.86 | 2.10 | \$6.96 | |
| 11/01/17 | 11/01/17 | WALMART | FOOD | 6.52 | 0.15 | \$6.67 | |
| 02/01/17 | 02/01/17 | WALMART | FUEL | 99.88 | 0.99 | \$100.87 | |
| 11/01/17 | 11/01/17 | WALMART | FUEL | 66.48 | 4.93 | \$71.41 | |
| 11/01/17 | 11/01/17 | WALMART | FOOD | 20.58 | 1.00 | \$21.58 | |
| 10/01/17 | 10/01/17 | CANADIAN TIRE | CAMP SUPPLIES | 21.99 | 0.75 | \$22.74 | |
| 10/01/17 | 10/01/17 | WALMART | FOOD | 30.80 | 1.99 | \$32.79 | |
| 9/01/17 | 9/01/17 | WALMART | FUEL | 23.37 | 1.17 | \$24.54 | |
| 9/01/17 | 9/01/17 | WALMART | CAMP SUPPLIES | 19.00 | 0.75 | \$19.75 | |
| 9/01/17 | 9/01/17 | WALMART | FOOD | 26.21 | 0.22 | \$26.43 | |
| 10/01/17 | 10/01/17 | WALMART | CAMP SUPPLIES | 10.00 | 2.00 | \$12.00 | |
| 10/01/17 | 10/01/17 | CANADIAN TIRE | CAMP SUPPLIES | 44.97 | 2.15 | \$47.12 | |
| 7/01/17 | 7/01/17 | WALMART | FOOD | 13.07 | 2.00 | \$15.07 | |
| 10/01/17 | 10/01/17 | WALMART | FOOD | 26.78 | 1.24 | \$28.02 | |
| 10/01/17 | 10/01/17 | WALMART | COMMUNICATIONS | 17.00 | 1.00 | \$18.00 | |
| 11/01/17 | 11/01/17 | WALMART | CAMP SUPPLIES | 26.34 | 1.11 | \$27.45 | |
| 7/01/17 | 7/01/17 | WALMART | COMMUNICATIONS | 17.00 | 2.00 | \$19.00 | |
| 10/01/17 | 10/01/17 | WALMART | FUEL | 81.90 | 4.07 | \$85.97 | |
| 10/01/17 | 10/01/17 | WALMART | FUEL | 8.00 | 4.00 | \$12.00 | |
| | | | | 170.82 | 18.34 | \$189.16 | |

Signature: _____
Date: _____

Approved: _____
 Authorised: _____
 Date: _____

FOX EXPLORATION LTD.

Balance: \$22,272.85

Name: Ryan Cox

For the period of 08-Jul-2017 to 03-Aug-2017

Date:

GST: 0.05

Client: Pacific Ridge Exploration

Payment Type: FOX VISA OR CASH

Project: RC Property

| Date | Voucher | Description | Category | Subtotal | HST/GST | Total | Notes |
|-----------|---------|------------------------|-------------------------------------|-----------|----------|-------------|--------------------------------|
| 20-Jul-17 | 144 | NORTH CARGO | SHIPPING EQUIPMENT TO S/GEO-PHYSICS | 186.96 | 9.35 | \$196.31 | |
| 20-Jul-17 | 144 | NORTH CARGO | SHIPPING TOFF TO REFLEX INSTRUMENTS | 205.63 | 10.28 | \$215.91 | |
| 21-Jul-17 | 145 | BLISSDADE | FOOD | 114.49 | 5.67 | \$120.16 | |
| 22-Jul-17 | 146 | WHEATMAN | FOOD | 77.00 | 3.85 | \$80.85 | |
| 23-Jul-17 | 147 | BLISSDADE | WALKMATS | 147.91 | 7.39 | \$155.30 | |
| 23-Jul-17 | 147 | DANFORTH GENERAL STORE | GROCERIES | 630.35 | 31.52 | \$661.87 | |
| 23-Jul-17 | 147 | BLISSDADE | HOTELS & FOOD | 99.44 | 5.01 | \$104.45 | |
| 23-Jul-17 | 147 | BLISSDADE | FOOD | 26.15 | 1.31 | \$27.46 | |
| 23-Jul-17 | 147 | BLISSDADE | GASOLINE | 67.82 | 3.39 | \$71.21 | |
| 23-Jul-17 | 147 | BLISSDADE | FUEL | 74.29 | 3.67 | \$77.96 | |
| 23-Jul-17 | 147 | BLISSDADE | FUEL | 83.28 | 4.16 | \$87.44 | |
| 23-Jul-17 | 147 | BLISSDADE | HOTELS | 289.00 | 14.45 | \$303.45 | |
| 23-Jul-17 | 147 | DANFORTH GENERAL STORE | CAMP SUPPLIES | 75.96 | 3.75 | \$79.71 | |
| 23-Jul-17 | 147 | DANFORTH GENERAL STORE | CAMP SUPPLIES | 23.50 | 1.17 | \$24.67 | |
| 21-Jul-17 | 146 | WHEATMAN | FOOD | 170.88 | 8.39 | \$179.27 | |
| 19-Jul-17 | 145 | BLISSDADE | FOOD | 6.20 | 0.31 | \$6.51 | |
| 22-Jul-17 | 146 | WHEATMAN | FOOD | 17.4 | 0.86 | \$18.26 | |
| 1-Aug-17 | 148 | WHEATMAN | GROCERIES | 205.67 | 10.28 | \$215.95 | |
| 1-Aug-17 | 148 | WHEATMAN | FOOD | 147.82 | 7.39 | \$155.21 | |
| 1-Aug-17 | 148 | WHEATMAN | FUEL | 24.00 | 1.20 | \$25.20 | |
| 1-Aug-17 | 148 | WHEATMAN | FUEL | 99.70 | 5.01 | \$104.71 | |
| 1-Aug-17 | 148 | WHEATMAN | FOOD | 22.41 | 1.12 | \$23.53 | |
| 1-Aug-17 | 148 | WHEATMAN | FOOD | 22.35 | 1.12 | \$23.47 | |
| 1-Aug-17 | 148 | WHEATMAN | HOTELS | 173.00 | 8.75 | \$181.75 | |
| 2-Aug-17 | 149 | WHEATMAN | FOOD | 15.75 | 0.78 | \$16.53 | |
| 23-Jul-17 | 144 | WHEATMAN | SHIPPING | 102.70 | 5.13 | \$107.83 | |
| 2-Aug-17 | 149 | WHEATMAN | SHIPPING | 292.01 | 14.60 | \$306.61 | |
| 2-Aug-17 | 149 | WHEATMAN | SHIPPING | 348.81 | 17.44 | \$366.25 | |
| 2-Aug-17 | 149 | WHEATMAN | SHIPPING | 126.73 | 6.34 | \$133.07 | |
| 2-Aug-17 | 149 | WHEATMAN | SHIPPING | 9.61 | 0.48 | \$10.09 | |
| 1-Aug-17 | 148 | WHEATMAN | SHIPPING | 4,399.43 | 220.18 | \$4,619.61 | REPAIRS TO TRUCKS AND PROJECTS |
| 1-Aug-17 | 148 | WHEATMAN | SHIPPING | 6,476.20 | 323.87 | \$6,800.07 | REPAIRS TO TRUCKS AND PROJECTS |
| 1-Aug-17 | 148 | WHEATMAN | SHIPPING | 410.00 | 20.50 | \$430.50 | REPAIRS TO TRUCKS AND PROJECTS |
| | | | | 27,212.74 | 1,368.40 | \$28,581.14 | |

Signature:

Low Cash Advance Amount: 1

Add Cash Advance Amount: 1

Date:

Balance for Reconciliation: \$ 22,272.85

FOX EXPLORATION LTD.

Balance: **\$2,329.04**

Name: Car Care
 Date: _____
 Client: Pacific Ridge Exploration
 Project: RC Property

For the period of 03-Jan-1900 to 03-Jun-1900

GST: 0.00

Payment Type: FOX VISA OR CASH

| Date | Voucher | Description | Category | Subtotal | HST/GST | Total | Balance |
|--------------|---|---------------|---------------|----------|---------|-----------|---------|
| Jul 29, 2017 | BY TROCAN FLYBY ALASKA HWHTHORSE YT | Fuel | Fuel | 104.99 | 8.75 | \$113.74 | |
| Jul 28, 2017 | PACIFIC COASTAL AIRLINES BOCHMOND BC | Travel | Travel | 174.23 | 6.71 | \$180.94 | |
| Jul 28, 2017 | PIERS DE GROCERY WHITEHORSE YT | Food | Food | 29.80 | 1.48 | \$31.28 | |
| Jul 28, 2017 | MOUNT WASH WHITEHORSE YT | Travel | Travel | 22.10 | 1.13 | \$23.23 | |
| Jul 28, 2017 | ARE ST MARK HOTEL SITLE STE WHITEHORSE YT | Food | Food | 13.30 | 0.77 | \$14.07 | |
| Jul 28, 2017 | SHOPPER'S DELICATESSEN WHITEHORSE YT | Camp supplies | Camp supplies | 18.43 | 0.92 | \$19.35 | |
| Jul 27, 2017 | THE EL DORADO HOTEL DAWSON CITY YT | Travel | accommodation | 199.72 | 9.96 | \$209.68 | |
| Jul 27, 2017 | DAWSON FISH HARDWARE SARA DAWSON CITY YT | Camp supplies | Camp supplies | 26.47 | 1.33 | \$27.80 | |
| Jul 27, 2017 | FAS GAS COPPER RINGOFT WHITEHORSE YT | Fuel | Fuel | 123.76 | 6.09 | \$129.85 | |
| Jul 27, 2017 | AND PETROLEUM LTD DEARSTER YT | Fuel | Fuel | 92.39 | 4.52 | \$96.91 | |
| Jul 27, 2017 | BONANZA GLENORIE INC DAWSON YT | Fuel | Fuel | 51.81 | 2.60 | \$54.41 | |
| Jul 27, 2017 | MINERWEST BISTRO DAWSON YT | Food | Food | 6.40 | 0.33 | \$6.73 | |
| Jul 26, 2017 | AURORA INN DAWSON YT | Food | Food | 13.71 | 1.94 | \$15.65 | |
| Jul 26, 2017 | BONANZA GLENORIE INC DAWSON YT | Food | Food | 80.00 | 4.00 | \$84.00 | |
| Jul 26, 2017 | AND PETROLEUM LTD DEARSTER YT | Fuel | Fuel | 20.13 | 1.03 | \$21.16 | |
| Jul 26, 2017 | AND PETROLEUM LTD DEARSTER YT | Fuel | Fuel | 6.18 | 0.31 | \$6.49 | |
| Jul 26, 2017 | THE FARMER MOOY DAWSON CITY YT | Camp supplies | Camp supplies | 72.00 | 3.60 | \$75.60 | |
| Jul 16, 2017 | NORTH AS PETRO EXPRESS WHITEHORSE YT | Fuel | Fuel | 285.14 | 12.56 | \$297.70 | |
| Jul 16, 2017 | DAWSON CITY GENERAL STORE FRONT STREET YT | groceries | groceries | 81.91 | 4.10 | \$86.01 | |
| Jul 16, 2017 | MINERWEST BISTRO DAWSON YT | Food | Food | 16.65 | 0.82 | \$17.47 | |
| Jul 16, 2017 | AND PETRO FLYBY DEARSTER YT | Fuel | Fuel | 73.24 | 3.66 | \$76.90 | |
| Jul 16, 2017 | THE EL DORADO HOTEL DAWSON CITY YT | Travel | accommodation | 206.17 | 10.31 | \$216.48 | |
| Jul 16, 2017 | BONANZA GLENORIE INC DAWSON YT | Food | Food | 9.47 | 0.48 | \$9.95 | |
| Jul 16, 2017 | MIDCREEK LODGE MARY YT | Food | Food | 28.48 | 1.42 | \$29.90 | |
| Jul 9, 2017 | WTEGRA THE WHITEHORSE WHITEHORSE YT | Fuel | Fuel | 171.25 | 8.70 | \$179.95 | |
| Jul 9, 2017 | MIDCREEK INN DAWSON WHITEHORSE YT | Food | Food | 18.88 | 0.93 | \$19.81 | |
| Jul 9, 2017 | TRIM HORTONS DELI OPS WHITEHORSE YT | Food | Food | 7.96 | 0.40 | \$8.36 | |
| Jul 9, 2017 | NORTH AS PETRO EXPRESS DAWSON YT | Fuel | Fuel | 109.75 | 5.60 | \$115.35 | |
| Jul 8, 2017 | COMPLEX'S WHITEHORSE YT | Food | Food | 40.11 | 2.04 | \$42.15 | |
| Jul 8, 2017 | SHOPPER'S DELICATESSEN WHITEHORSE YT | Camp supplies | Camp supplies | 27.95 | 1.50 | \$29.45 | |
| Jul 8, 2017 | TRIM HORTONS DELI OPS WHITEHORSE YT | Food | Food | 11.24 | 0.58 | \$11.82 | |
| Jul 7, 2017 | COFF & BOLL RESTAURANT WHITEHORSE YT | Food | Food | 116.03 | 5.80 | \$121.83 | |
| Jul 7, 2017 | WTEGRA THE WHITEHORSE WHITEHORSE YT | Fuel | Fuel | 84.70 | 4.24 | \$88.94 | |
| | | | | 2118.13 | 100.91 | \$2219.04 | |

Signature: _____

Date: _____

Less Cash Advances Received

Add Cash Advances Repaid

Balance for Reimbursement

\$
\$
\$ **2,329.04**

Invoice No. 513

J EXPLORATION SERVICES INC.

#103-108 Elliott St.
Whitehorse, Y.T.
Y1A 6C4

Phone: 867-821-4299
jpexpls@gmail.com

INVOICE

August 27, 2017

Pacific Ridge Resources Ltd.
Vancouver, British Columbia

RC Project, Yukon

Between July 23 and August 25, 2017

| | | |
|--|-------------------------|-------------------|
| Field & office work (see time sheet) | 6.5 days @ \$600.00/day | \$3,900.00 |
| Truck (Dawson to site & return) | 2 days @ 100/day | 200.00 |
| Fuel | 290 km x 0.40/km | 116.00 |
| Accommodation (motorhome) | 5 days @ \$30/day | 150.00 |
| Field supplies (sample bags, tags, flagging) | 5 days @ \$10/day | <u>50.00</u> |
| Subtotal | | \$4,416.00 |
| GST (5%) | | <u>220.80</u> |
| TOTAL DUE | | \$4,636.80 |

Jean Pautler, President
JP Exploration Services Inc.

GST No. 88403 8217 RT0001

Please make cheque payable to JP Exploration Services Inc.
Invoice payable 15 days from above date. Interest payable at the rate of 15% per annum on overdue accounts.

Time Sheet

| Date | Description | Days |
|--------------|---|-------------|
| July 23 | Dawson to Left Clear Creek, map Far Grid area | 1 |
| July 24 | Map/sample SE Contact extension, Bee Grid area | 1 |
| July 25 | Map/sample SE Contact extension, Bee Grid area | 1 |
| July 26 | Map/sample Central Big Creek stock | 1 |
| July 27 | Map/sample Far Grid area & calc/sil in Cental area, demob to Dawson | 1 |
| July 31 | Sample descriptions & photos | 0.5 |
| August 25 | Mapping | 1 |
| TOTAL | | 6.5 |



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

To: PACIFIC RIDGE EXPLORATION LTD.
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

INVOICE NUMBER 3965541

| BILLING INFORMATION | |
|---|--------------------------|
| Certificate: | WH17156980 |
| Sample Type: | Other |
| Account: | PARIEX |
| Date: | 29- JUL- 2017 |
| Project: | SUPPLIES |
| P.O. No.: | |
| Quote: | |
| Terms: | Due on Receipt CO |
| <i>Comments: Invoice for 10 assay tag books picked up June 22, 2017 series W422251 to W422750, 10 tag books picked up July 10, 2017 series W424751 to W425250 and 25 rice bags June 22, 2017.</i> | |

| QUANTITY | CODE | ANALYSED FOR DESCRIPTION | UNIT PRICE | TOTAL |
|----------|------|-------------------------------|------------|--------|
| 25 | BAGS | Fibre or Polyweave Bags | 1.15 | 28.75 |
| 20 | TACS | Sample Tag Book - 50 per book | 5.65 | 113.00 |

SUBTOTAL (CAD) \$ 141.75

R100938885 GST \$ 7.09

TOTAL PAYABLE (CAD) \$ 148.84

To: PACIFIC RIDGE EXPLORATION LTD.
 ATTN: COR COE
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To:
ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7



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: PACIFIC RIDGE EXPLORATION LTD.
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

INVOICE NUMBER 3977483

| BILLING INFORMATION | |
|---------------------|-------------------|
| Certificate: | WH17159411 |
| Sample Type: | Soil |
| Account: | PARIEX |
| Date: | 27- AUG- 2017 |
| Project: | RC PROPERTY |
| P.O. No.: | |
| Quote: | |
| Terms: | Due on Receipt C1 |
| Comments: | |

| QUANTITY | | CODE | ANALYSED FOR DESCRIPTION | UNIT PRICE | TOTAL |
|----------|--|----------|--|------------|----------|
| 1 | | BAT-01 | Administration Fee | 34.10 | 34.10 |
| 255 | | PREP-41A | Dry, Sieve (180 um) Soil. | 1.50 | 382.50 |
| 115.13 | | PREP-41A | Weight Charge (kg) - Dry, Sieve (180 um) Soil. | 2.40 | 276.31 |
| 255 | | Au-ICP21 | Au 30g FA ICP- AES Finish | 17.20 | 4,386.00 |
| 255 | | ME-ICP41 | 35 Element Aqua Regia ICP- AES | 11.50 | 2,932.50 |

SUBTOTAL (CAD) \$ 8,011.41
 R100938885 GST \$ 400.57
TOTAL PAYABLE (CAD) \$ 8,411.98

To: PACIFIC RIDGE EXPLORATION LTD.
 ATTN: GERRY CARLSON
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To:
ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7



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: PACIFIC RIDGE EXPLORATION LTD.
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

INVOICE NUMBER 3988231

| BILLING INFORMATION | |
|---------------------|-------------------|
| Certificate: | WH17159421 |
| Sample Type: | Rock |
| Account: | PARIEX |
| Date: | 4- SEP- 2017 |
| Project: | RC PROPERTY |
| P.O. No.: | |
| Quote: | |
| Terms: | Due on Receipt C1 |
| Comments: | |

| QUANTITY | CODE | ANALYSED FOR DESCRIPTION | UNIT | TOTAL |
|----------|-----------|--|-------|-------|
| | | | PRICE | |
| 4 | PREP- 31A | Crush, Split, Pulverize | 7.10 | 28.40 |
| 7.30 | PREP- 31A | Weight Charge (kg) - Crush, Split, Pulverize | 0.75 | 5.48 |
| 4 | Av- ICP21 | Av 30g FA ICP- AES Finish | 17.20 | 68.80 |
| 4 | ME- ICP41 | 35 Element Aqua Regia ICP- AES | 11.50 | 46.00 |

SUBTOTAL (CAD) \$ 148.68

R100938885 GST \$ 7.43

TOTAL PAYABLE (CAD) \$ 156.11

To: PACIFIC RIDGE EXPLORATION LTD.
 ATTN: GERRY CARLSON
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7



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: PACIFIC RIDGE EXPLORATION LTD.
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

INVOICE NUMBER 3997140

| BILLING INFORMATION | |
|---------------------|-------------------|
| Certificate: | WH17161510 |
| Sample Type: | Soil |
| Account: | PARIEX |
| Date: | 7- SEP- 2017 |
| Project: | RC PROPERTY |
| P.O. No.: | |
| Quote: | |
| Terms: | Due on Receipt CI |
| Comments: | |

| QUANTITY | CODE | ANALYSED FOR DESCRIPTION | UNIT PRICE | TOTAL |
|----------|-----------|---|------------|--------|
| 1 | BAT- 01 | Administration Fee | 34.10 | 34.10 |
| 32 | PREP- 41 | Dry, Sieve (180 um) Soil | 1.50 | 48.00 |
| 14.94 | PREP- 41 | Weight Charge (kg) - Dry, Sieve (180 um) Soil | 2.50 | 37.35 |
| 32 | Au- ICP21 | Au 30g FA ICP- AES Finish | 17.20 | 550.40 |
| 32 | ME- ICP41 | 35 Element Aqua Regia ICP- AES | 11.50 | 368.00 |

SUBTOTAL (CAD) \$ 1,037.85

R100938885 GST \$ 51.89

TOTAL PAYABLE (CAD) \$ 1,089.74

To: PACIFIC RIDGE EXPLORATION LTD.
 ATTN: GERRY CARLSON
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To:
ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7



**BUREAU
VERITAS**

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St.
Vancouver, BC Canada V6P 6E5
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT
QST # 1219972641

Bill To: Pacific Ridge Exploration Ltd.
Suite 1100, 1111 Melville St,
Vancouver, BC V6E 3V6
CANADA

Invoice Date: September 11, 2017
Invoice Number: **VANI280116**
Submitted by: Gerry Carlson
Email: gcarlson@pacificridgeexploration.com
Job Number: WHI17000586
Order Number:
Project Code: RC
Shipment ID:
Quote Number:

| Item | Package | Description | Sample No. | Unit Price | Amount |
|---|-----------|---------------------------------------|--------------------|------------|-----------------|
| 1 | PRP90-250 | Crush and Pulverize 250 g | 30 | \$7.22 | \$216.60 |
| 2 | PRP90-250 | Overweight prep charges per 100g | 232 | \$0.06 | \$13.92 |
| 3 | FA430 | 30g Fire Assay for Au, AAS | 30 | \$13.18 | \$395.40 |
| 4 | EN002 | Lead waste disposal fee | 30 | \$0.25 | \$7.50 |
| 5 | AQ300 | 0.5g - 33 element ICP ES | 30 | \$7.99 | \$239.70 |
| 6 | DRPLP | Dispose or return handling of pulps | 30 | \$0.10 | \$3.00 |
| 7 | DRRJT | Dispose or return handling of reject | 30 | \$0.35 | \$10.50 |
| 8 | SHP-01 | Per sample charge for branch shipment | 30 | \$1.00 | \$30.00 |
| Prices reflect discount of 15.00% where applicable. | | | Net Total | | \$916.62 |
| | | | Canadian GST | | \$45.83 |
| | | | Grand Total | CAD | \$962.45 |

Invoice Stated In Canadian Dollars

Payment Terms:

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

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

Please specify invoice number on cheque remittance.

For **electronic payments**, please contact AccountReceivable.VAN@acmelab.com for banking details.

For any enquiries please contact us at AccountReceivable.VAN@acmelab.com



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: **PACIFIC RIDGE EXPLORATION LTD.**
SUITE 1100 - 1111 MELVILLE STREET
VANCOUVER BC V6E 3V6

INVOICE NUMBER 4000271

| BILLING INFORMATION | | |
|---------------------|-----------------------|----|
| Certificate: | WH17184070 | |
| Sample Type: | Soil | |
| Account: | PARIEX | |
| Date: | 21-SEP-2017 | |
| Project: | RC Property | |
| P.O. No.: | | |
| Quote: | | |
| Terms: | Due on Receipt | C1 |
| Comments: | | |

| ANALYSED FOR | | | | UNIT | TOTAL |
|--------------|----------|---|---|-------|----------|
| QUANTITY | CODE | - | DESCRIPTION | PRICE | |
| 252 | PREP-41 | | Dry, Sieve (180 um) Soil | 1.50 | 378.00 |
| 102.38 | PREP-41 | | Weight Charge (kg) - Dry, Sieve (180 um) Soil | 2.50 | 255.95 |
| 252 | ME-ICP41 | | 35 Element Aqua Regia ICP-AES | 11.50 | 2,898.00 |
| 249 | Au-ICP21 | | Au 30g FA ICP-AES Finish | 17.20 | 4,282.80 |

SUBTOTAL (CAD) \$ 7,814.75

R100938885 GST \$ 390.74

TOTAL PAYABLE (CAD) \$ 8,205.49

To: **PACIFIC RIDGE EXPLORATION LTD.**
 ATTN: GERRY CARLSON
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7



70-C Mountjoy St. N., Suite 540
 Toronto, ON, M4N 4V7 Canada
 Tel: +1 705 235 2169
 Fax: +1 705 235 2165
 www.reflexnow.com
 GST No. R123456789
 GST No. 123456789012345
 BULST No. 75701-0-5512

INVOICE

Invoice No: 52669

Invoice Date: 31 MAY 17

Page No: 1

Index Reflex Instrument North America Limited

Bill To:

FOX EXPERIMENTAL LABS INC
 1701 ROBERT LASH DRIVE
 COUTENAY
 BC
 CANADA V9N 1A7

Delivered To:

FOX EXPERIMENTAL LABS INC
 1701 ROBERT LASH DRIVE
 COUTENAY
 BC
 CANADA V9N 1A7

| Order Date | Customer Reference No. | Whse | Account Code | Despatch Date | Sales Order No. |
|------------|------------------------|------|--------------|---------------|-----------------|
| 31 MAY 17 | KRF TRAINING | VANC | FOXEXPCADS | 31 MAY 17 | 52669 |

| Item Code | Item Description | Ordered Qty | Shipped Qty | Back Order | UOM | Unit Price | Disc% | Total Excl TAX |
|-----------|---|-------------|-------------|------------|------|--------------------------|-------|----------------|
| Special | KRF Training Course Participants: 1. Ryan Cee 2. Gerry Carlson Date: June 2, 2017 <i>Called June 2 paid w Visa.</i> Inv. 52669 - 4,996.00 Inv. 53499 - <u>10,163.35</u> 11,609.35 OG1 - 2/3 : 7,739.57 RC - 1/3 : 3,869.78 Bank Details (CAD): Branch: 12345 Transit: 67890 Bank No: 123 Account No: 02345678901 Swift Code: ABCDEF | 1 | 1 | 0 | EALE | 4996.00 | | 4996.00 |
| | | | | | | Invoice Total Before Tax | CAD | 4996.00 |
| | | | | | | TAX | | 64.00 |
| | | | | | | TAX | | 10.00 |
| | | | | | | Invoice Total Incl Tax | CAD | 5070.00 |



The supply of Goods to the Applicant by the Index group company listed in this document is subject to the standard terms and conditions of trade published on <http://reflexnow.com/customer-terms-and-conditions>
 PLEASE QUOTE ACCOUNT CODE WHEN PAYING DIRECT TO BANK ACCOUNT



REFLEXTM

an **imdex** limited company

70-C Mountjoy St. N., Suite 510
Timmins, ON, P4N 4V7 Canada
Tel: +1 705 235 2169
Fax: +1 705 235 2165
www.reflexnow.com
GST No. 86670 2509 RT001
QST No. 1215643341TQ0001
BC PST No. PST-1001-5818

INVOICE

Invoice No: 53499

Invoice Date: 30 JUL 17

T/as Reflex Instrument North America Limited

Page No: 1

Bill To:
FOX EXPLORATION LIMITED
1701 ROBERT LANG DRIVE
COUTENAY
BC
CANADA V9N 1A2

Delivered To:
FOX EXPLORATION LIMITED
1701 ROBERT LANG DRIVE
VANCOUVER
BC
CANADA V9N 1A2

| Order Date | Customer Reference No. | Account Code | Contract No. | Sales Order No. |
|------------|------------------------|--------------|--------------|-----------------|
| 31 JUL 17 | | FOXEXPCAD5 | 6868 | 58337 |

| Serial No. | Item Description | Site | Mths | Price Per Tool | Disc% | Coverage Per Tool | Total Excl TAX |
|------------|--|------|--------|----------------|-------|-------------------|----------------|
| 179044205 | XRF PORTABLE TEST STAND 18V | | 1.1613 | 0.00 | 0.00 | 0.00 | 0.00 |
| XRF543516 | CA RAP GEOCHEM ANALYSER From 19/06/17 To 31/07/17 | | 1.1613 | 7290.00 | 0.00 | 870.00 | 9476.20 |



Bank Details (CAN):
HSBC Bank Canada
Transit No: 10099
Bank No: 016
Account No: 022494-001
Swift Code: HNSCCATT

| | | |
|--------------------------|-----|-----------|
| Invoice Total Before Tax | CAD | 9,476.20 |
| PST / QST | CAD | 663.33 |
| GST / HST | CAD | 473.82 |
| Invoice Total Incl Tax | CAD | 10,613.35 |

The supply of Goods to the Applicant by the Imdex group company listed in this document is subject to the standard terms and conditions of trade published on <http://reflexnow.com/customer-terms-and-conditions>
PLEASE QUOTE ACCOUNT CODE WHEN PAYING DIRECT TO BANK ACCOUNT CONTACT: accounts.reflex.na@imdexlimited.com

C.R.

Thor Geo Science Rentals Ltd.

INVOICE No. TR171373

11966 95A Avenue
Delta, BC V4C 3W2 Canada
Bus: (604) 582-1100

Name: Fox Exploration Ltd.
Address: 1500 - 409 Granville Street
Vancouver, BC V6C 1T2

Date: 1-May-2017
Project Name:

Attention:

| QTY | DESCRIPTION | DISCOUNT | UNIT PRICE | TOTAL |
|-----|----------------|----------|------------|------------|
| 1 | Surety Deposit | | \$1,500.00 | \$1,500.00 |

Inv. TR171373 \$1500.00
 Inv. TR171400 6716.25
 \$8216.25

OGI - 75% : \$6162.19
 RC - 25% : \$2054.06

Payable in Canadian Funds
 Royal Bank of Canada
 9490 - 120th Street, Surrey BC
 Transit: 03600 Institution No: 003
 Account: 100 4506
 Swift: ROYCCAT2

Tax # SubTotal \$1,500.00
 875483414 RT GST
TOTAL \$1,500.00

FOX EXPLORATION LIMITED
 409 GRANVILLE ST SUITE 1500
 VANCOUVER, BC V6C 1T2
 T:604-315-1033

000615

DATE 2007-05-01
 Y Y Y M M D D

PAY to THOR GEO SCIENCE RENTALS LTD | \$1500.-
 the order of

ONE THOUSAND FIVE HUNDRED DOLLARS

TD Canada Trust
 200 MAIN ST. & 2ND AVE.
 WHITEHORSE, YUKON Y1A 2A9

FOX EXPLORATION LIMITED

RE Security Deposit (Inv. TR171373)

PER [Signature]
 President

⑈000615⑈ ⑆99960⑈004⑆ 0933⑈5216048⑈

Thor Geo Science Rentals Ltd.

11966 95A Avenue
Delta, BC V4C 3W2 Canada
Bus: (604) 582-1100

INVOICE No. TR171400

Name: Fox Exploration Ltd.
Address: 1500 – 409 Granville Street
Vancouver, BC V6C 1T2

Date: 31-Jul-2017
Project Name:

Attention:

| QTY | DESCRIPTION | DISCOUNT | UNIT PRICE | TOTAL |
|-----|---------------------------------|----------|------------|------------|
| | June 19 to July 24, 2017 | | | |
| 1 | Mag VLF/month | | \$3,200.00 | \$3,200.00 |
| 1 | Mag VLF/week | | \$800.00 | \$800.00 |
| 1 | Mag Base Station/month | | \$2,500.00 | \$2,500.00 |
| 1 | Mag Base Station/week | | \$750.00 | \$750.00 |
| 1 | Preparation Day | | \$75.00 | \$75.00 |
| 4 | Data Review | | \$125.00 | \$500.00 |

Payable in Canadian Funds

Royal Bank of Canada
9490 - 120th Street, Surrey BC
Transit: 03600 Institution No: 003
Account: 100 4506
Swift: ROYCCAT2

| | | |
|--------------|-----------------|-------------------|
| Tax # | SubTotal | \$7,825.00 |
| | Advance | \$1,500.00 |
| 875483414 RT | GST | \$391.25 |
| | TOTAL | \$6,716.25 |

PAYMENT ISSUES

Due Upon Receipt

Please make cheque payable to Thor Geo Science Rentals Ltd

Office Use Only.

Interest calculated at 1.5 % per month on overdue accounts

Contact: Joyce Visser, gjv@sjgeophysics.com - Website: www.sjgeophysics.com

Total North Communications Ltd.
 127 Copper Road
 Whitehorse YT Y1A 2Z7
 (867)668-5175
 GST Registration No.: 105328132

TOTAL NORTH

INVOICE TO

Ryan Coe
 Fox Exploration Ltd.

| | | | | |
|------------|---|---|----------|----------|
| 30-06-2017 | Services:Total Explorer Activation and Configuration 00:A0:BC:49:DA:FC 00:A0:BC:69:AE:E1 | 2 | 200.00 | 400.00 |
| 30-06-2017 | Total Explorer Cables/Install Accessories | 2 | 225.00 | 450.00 |
| 30-06-2017 | Total Explorer Training | 1 | 150.00 | 150.00 |
| | | | SUBTOTAL | 1,000.00 |
| | | | GST @ 5% | 50.00 |
| | | | TOTAL | 1,050.00 |

Inv. 9744 \$1,050.00
 Inv. 9905 414.75
 Inv. 9744 603.75
 Inv. 9745 564.38
 Inv. 10245 451.50
\$3,084.38

Thank you for choosing Total North Communications
totalnorth@totalnorth.ca / www.totalnorth.ca

OGI - 50% : \$1542.19
 RC - 50% : \$1542.19

TOTAL NORTH
COMMUNICATIONS
127 COPPER RD
WHITEHORSE YT

TOTAL NORTH

CARD7054
CARD TYPE VISA
DATE 2017/07/10
TIME 9994 11:51:41
RECEIPT NUMBER
C82017169-001-155-002-0

INVOICE 9905

DATE 10-07-2017 TERMS Net 30

DUE DATE 09-08-2017

PURCHASE
TOTAL

\$414.75

SERIAL NUMBER
325001732664

PHONE NUMBER
8816-325-31828

| DATE | DESCRIPTION | QTY | RATE | AMOUNT |
|------------|---|-----|--------|--------|
| 10-07-2017 | Iridium 200 CND Northern Lights Prepaid Airtime 6 Month Expiry From Date Of Purchase (with a cap of 1200 minutes) | 1 | 345.00 | 345.00 |
| 10-07-2017 | Iridium Prepaid Card Activation Fee | 1 | 50.00 | 50.00 |

new expire Jan 9/18

SUBTOTAL 395.00
GST @ 5% 19.75
TOTAL 414.75

TOTAL DUE CAD 414.75

Thank you for choosing Total North Communications
totalnorth@totalnorth.ca / www.totalnorth.ca

TOTAL NORTH
COMMUNICATIONS
127 COPPER RD
WHITEHORSE YT

TOTAL NORTH

CARD7054
CARD TYPE VISA
DATE 2017/07/07
TIME 9985 12:08.41
RECEIPT NUMBER
C82017169-001-154-003-0

INVOICE 9744

DATE 30-06-2017 TERMS Net 30

DUE DATE 30-07-2017

PURCHASE
TOTAL

\$1,168.13

| DATE | DESCRIPTION | QTY | RATE | AMOUNT |
|------------|---|-----|--------|------------|
| 30-06-2017 | Services:Total Explorer Activation and Configuration 00:A0:BC:49:DA:FC 00:A0:BC:69:AE:E1- not working | 1 | 200.00 | 200.00 |
| 30-06-2017 | Total Explorer Cables/Install Accessories | 1 | 225.00 | 225.00 |
| 30-06-2017 | Total Explorer Training | 1 | 150.00 | 150.00 |
| SUBTOTAL | | | | 575.00 |
| GST @ 5% | | | | 28.75 |
| TOTAL | | | | 603.75 |
| TOTAL DUE | | | | CAD 603.75 |

PAID July 7

Thank you for choosing Total North Communications
totalnorth@totalnorth.ca / www.totalnorth.ca

communications Ltd.

1A 2Z7

Account No.: 105328132

TOTAL NORTH

TO
Exploration Ltd.

INVOICE 9745

DATE 30-06-2017 TERMS 30/30

DUE DATE 30-07-2017

| DATE | DESCRIPTION | QTY | RATE | AMOUNT |
|------------|---|------|--------|--------|
| 30-06-2017 | Services:Total Explorer 3 Office System: 00:A0:BC:49:DA:FC from June 24- July 30 | 1.25 | 430.00 | 537.50 |
| 30-06-2017 | Services:Total Explorer 1 Dorm System: 00:A0:BC:69:AE:E1 not working returned July 7 | 0 | 290.00 | 0.00 |
| SUBTOTAL | | | | 537.50 |
| GST @ 5% | | | | 26.88 |
| TOTAL | | | | 564.38 |
| TOTAL DUE | | | | 564.38 |

PAID July 7

Thank you for choosing Total North Communications
totalnorth@totalnorth.ca / www.totalnorth.ca

Total North Communications Ltd.
127 Copper Road
Whitehorse YT Y1A 2Z7
(867)668-5175
GST Registration No.: 105328132

TOTAL NORTH

INVOICE TO
Ryan Coe
Fox Exploration Ltd.

DATE 01-08-2017 TERMS Net 30

DUE DATE 31-08-2017

PO NUMBER
Aug

SERIAL NUMBER
00:A0:BC:49:DA:FC

| DATE | DESCRIPTION | QTY | | |
|------------|--|-----|--------|--------|
| 01-08-2017 | Services:Total Explorer 3 Office System: 00:A0:BC:49:DA:FC | 1 | 430.00 | 430.00 |

SUBTOTAL 430.00
GST @ 5% 21.50
TOTAL 451.50

TOTAL 451.50

Thank you for choosing Total North Communications
totalnorth@totalnorth.ca / www.totalnorth.ca