

## ASSESSMENT REPORT

### 2018 GEOLOGY, SOIL GEOCHEMISTRY and INDUCED POLARIZATION GEOPHYSICAL SURVEYS

on the

### RC GOLD PROPERTY – RC and BEE CLAIMS

*Owned by Fox Exploration Ltd.*

*and*

*William Mann*

*Operated by Pacific Ridge Exploration Ltd.*

Grant No.	Claim Name	Claim Owner	Expiry
YD86421-YD86492	RC 1-72	Fox Exploration Ltd.	29-Sep-22
YD61309-YD61332	Bee 1-24	William Mann - 100%	16-Oct-23

**NTS 115P14**

**UTM Zone 8 – NAD 83: 401,000 E; 7,080,000 N**

**Latitude: 63° 50' 00" N Longitude: 137° 00' 45" W**

**Dawson Mining District**

**Yukon, Canada**

**Work Performed during the period August 3 to August 13, 2018**

**Report by**

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

**October 4, 2017**

## TABLE OF CONTENTS

TABLE OF CONTENTS.....	2
LIST OF TABLES.....	2
LIST OF FIGURES.....	2
APPENDICES.....	3
SUMMARY.....	4
INTRODUCTION.....	5
PROJECT LOCATION.....	5
ACCESS.....	5
PROJECT DESCRIPTION.....	6
PHYSIOGRAPHY AND CLIMATE.....	8
PROJECT HISTORY.....	8
REGIONAL GEOLOGY.....	9
PROPERTY GEOLOGY.....	10
MINERALIZATION.....	11
2018 EXPLORATION PROGRAM.....	11
Geological Mapping and Prospecting.....	13
Soil Geochemical Survey.....	16
Sampling Protocol and Data Handling Procedures.....	16
2018 Soil Geochemical Survey Results.....	17
Induced Polarization Survey.....	23
IP Survey Results.....	23
CONCLUSIONS.....	26
Prospecting and Geology.....	26
EXPENDITURES.....	28
CERTIFICATE OF QUALIFICATIONS.....	29
REFERENCES CITED.....	30

## LIST OF TABLES

Table 1. RC-BEE Claims Table.....	7
Table 2. Rock sample descriptions and summary geochemical results.....	14
Table 3. Percentile levels used for soil geochemical bubble plots.....	17
Table 4. Expenditure Summary.....	28

## LIST OF FIGURES

Figure 1. RC Gold project location.....	6
Figure 2. RC and BEE claims map.....	7
Figure 3. RC Gold property map.....	10
Figure 4. 2018 field activities map.....	12
Figure 5. 2018 geological mapping, north sheet (Pautler, 2018).....	13
Figure 6. Geology legend for Figures 5 and 7.....	15
Figure 7. 2018 geological mapping, south sheet (Pautler, 2018).....	15

Figure 8. 2018 Soil sampling grid and sample numbers. ....	17
Figure 9. 2018 Soil grid – gold in soils. ....	18
Figure 10. Gold Geochemistry – 2011 to 2018 soils.....	18
Figure 11. Silver geochemistry – 2011 to 2018 soils.....	19
Figure 12. Arsenic geochemistry – 2011 to 2018 soils. ....	19
Figure 13. Bismuth geochemistry – 2011 to 2018 soils.....	20
Figure 14. Antimony geochemistry – 2011 to 2018 soils. ....	20
Figure 15. Lead geochemistry – 2011 to 2018 soils. ....	21
Figure 16. Zinc geochemistry – 2011 to 2018 soils. ....	21
Figure 17. Copper geochemistry – 2011 to 2018 soils.....	22
Figure 18. Molybdenum geochemistry – 2011 to 2018 soils.....	22
Figure 19. Modelled chargeability – Line 1.....	24
Figure 20. Modelled resistivity – Line 1.....	24
Figure 21. Modelled chargeability – Line 2.....	25
Figure 22. Modelled resistivity – Line 2.....	25

## APPENDICES

Appendix I	RC and BEE Claims List
Appendix II	Geological Mapping Memo – JP Exploration
Appendix III	Rock Samples - Analytical Certificates
Appendix IV	Soil Samples – Master Spreadsheet
Appendix V	Soil Samples - Summary Results
Appendix VI	Soil Samples – Analytical Certificates
Appendix VII	IP Report – Aurora Geosciences
Appendix VIII	Invoices

## 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).

In 2017, Pacific Ridge carried out a program of prospecting, mapping, soil sampling and a small geophysical program. The program defined four priority target areas defined by multi-element soil geochemical anomalies supported locally by mineralized grab samples of float and bedrock (Carlson, 2017).

The 2018 follow-up program, described in this report, included two lines of reconnaissance Induced Polarization (IP) geophysical surveying, soil sampling and additional prospecting and geological mapping.

The IP survey, supported by surface mapping and sampling, suggests that the Far Grid and, to a lesser extent, the Big Creek anomaly, could represent intrusive related gold mineralization associated with sheeted veins and stockworks adjacent to the Rhosgobel and Big Creek stocks. Detailed IP surveys followed by trenching is recommended to define drill targets.

Detailed mapping, prospecting and soil sampling is recommended in this area as well as the extension of the IP survey, extending as far as the Camp 1 from the 2017 program. Additional prospecting and sampling at the end of IP Line 1 is recommended to determine the source of the chargeability anomaly in that area. This IP line should also be extended to the north. An IP chargeability target at the south end of both lines is yet unexplained. Further prospecting and sampling is required in this area.

## **INTRODUCTION**

The RC Project (the “Property”) consists of the 72 RC quartz mining claims and the 24 BEE quartz mining claims located in the Dawson Mining District and the 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 August 2018.

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. 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. In 2017, Pacific Ridge completed a preliminary prospecting, geological mapping and soil geochemical program on the Property.

In 2018, a follow-up exploration program including additional geological mapping and soil geochemical sampling, plus a 4.2 km reconnaissance IP program was carried out in the west-central portion of the Property. The program was designed to extend the existing mapping and soil geochemistry around the targets defined by the 2017 exploration program and, with the Induced Polarization geophysical survey, to test for disseminated sulphide mineralization at depth that could be related to Fort Knox style mineralization. The soil survey and camp support were provided by Fox Exploration Ltd. (“Fox”) of Vancouver, the geological mapping by JP Exploration Services (“JPEX”) of Carcross and the IP survey by Aurora Geosciences Ltd. (“Aurora”) of Whitehorse.

Total expenditures for the program are \$82,685.15. The following report describes and interprets the 2018 field program which was carried out over the Property during the period August 3 to August 13, 2018.

## **PROJECT LOCATION**

The RC and BEE claim groups, comprising the majority of the RC Property, are in the Dawson 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° 50' 00" N and longitude 137° 00' 45" W, or UTM coordinates 401,000 E and 7,080,000 N (NAD 83, Zone 8) (Figure 1).

## **ACCESS**

Access to the 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 to the northeast 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 downstream and then upstream on the Right Fork to the southern part of the Property along the new Big Creek road. The camp 1 site from the 2017 field program is located 25 km along this route. To the left, up the Left Fork of Clear Creek, Camp 2, used for both the 2017 and 2018 field programs (with permission from Victoria Gold Corp., on whose claims the camp site lies), is a further 10 km, just beyond the placer camp of Nels Harper. Roads beyond Camp 2 provide access to the western portion of the Property (see Figure 3).

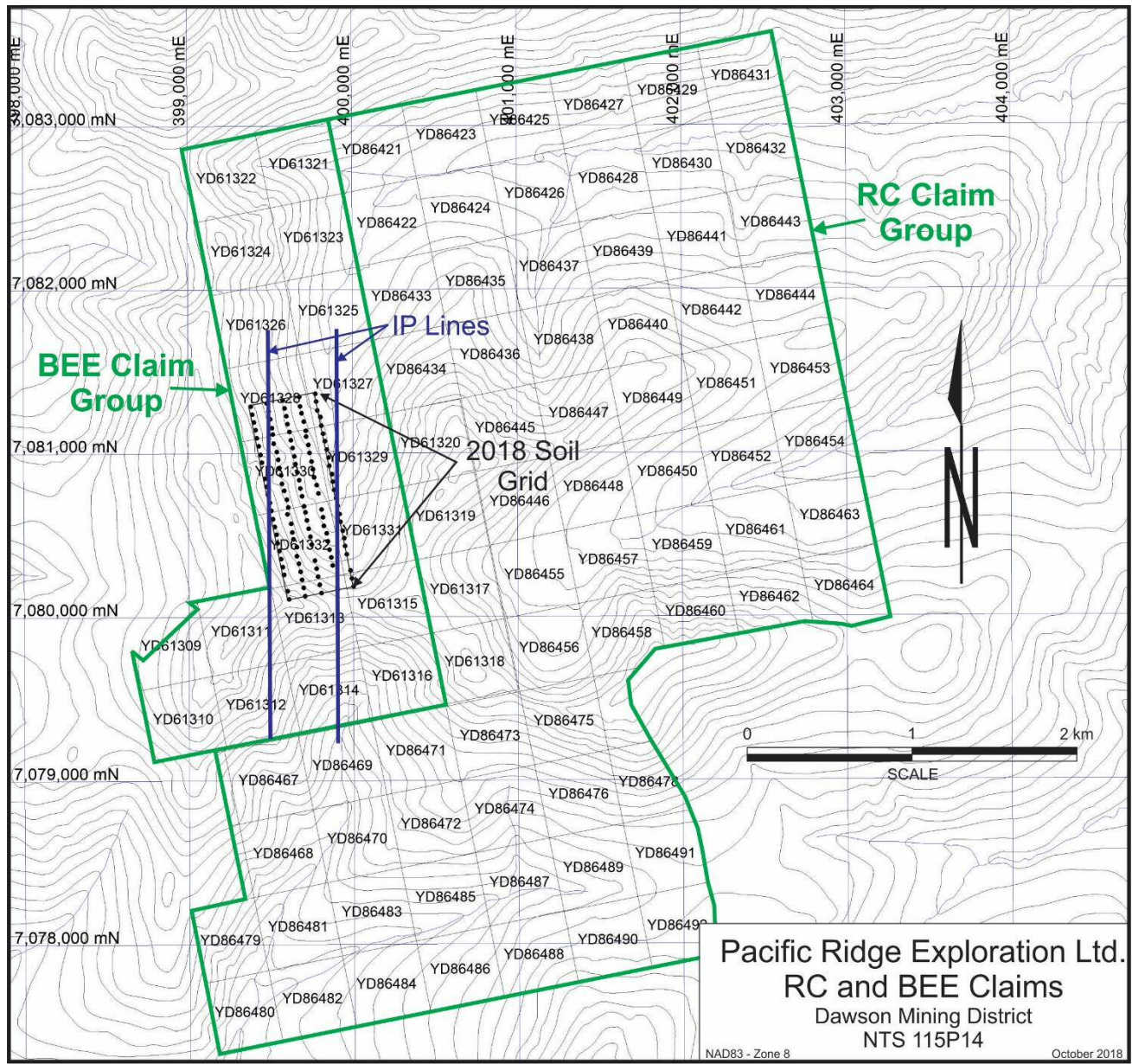


**Figure 1. RC Gold project location.**

## PROJECT DESCRIPTION

The Property 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 (“Mann”) and the BOP 1 to 8 claims in the Mayo Mining District owned by Mann (Table 1 and Figure 2).

Pacific Ridge has acquired an option to earn a 100% interest in the RC claims property from Fox by 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. RC and BEE claims showing location of 2018 soil grid and IP lines.**

Pacific Ridge has an option to earn a 100% interest in the BEE and BOP claims from 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. RC-BEE Claims Table**

Grant No.	Claim Name	Claim Owner	Expiry
YD86421-YD86492	RC 1-72	Fox Exploration Ltd.	29-Sep-22
YD61309-YD61332	Bee 1-24	William Mann - 100%	16-Oct-23

## **PHYSIOGRAPHY AND CLIMATE**

The Property covers moderate terrain, with elevations ranging from 1200 metres to 1,600 metres. Much of the property extends above 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 mask geochemical responses from underlying bedrock.

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 near the 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, 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.

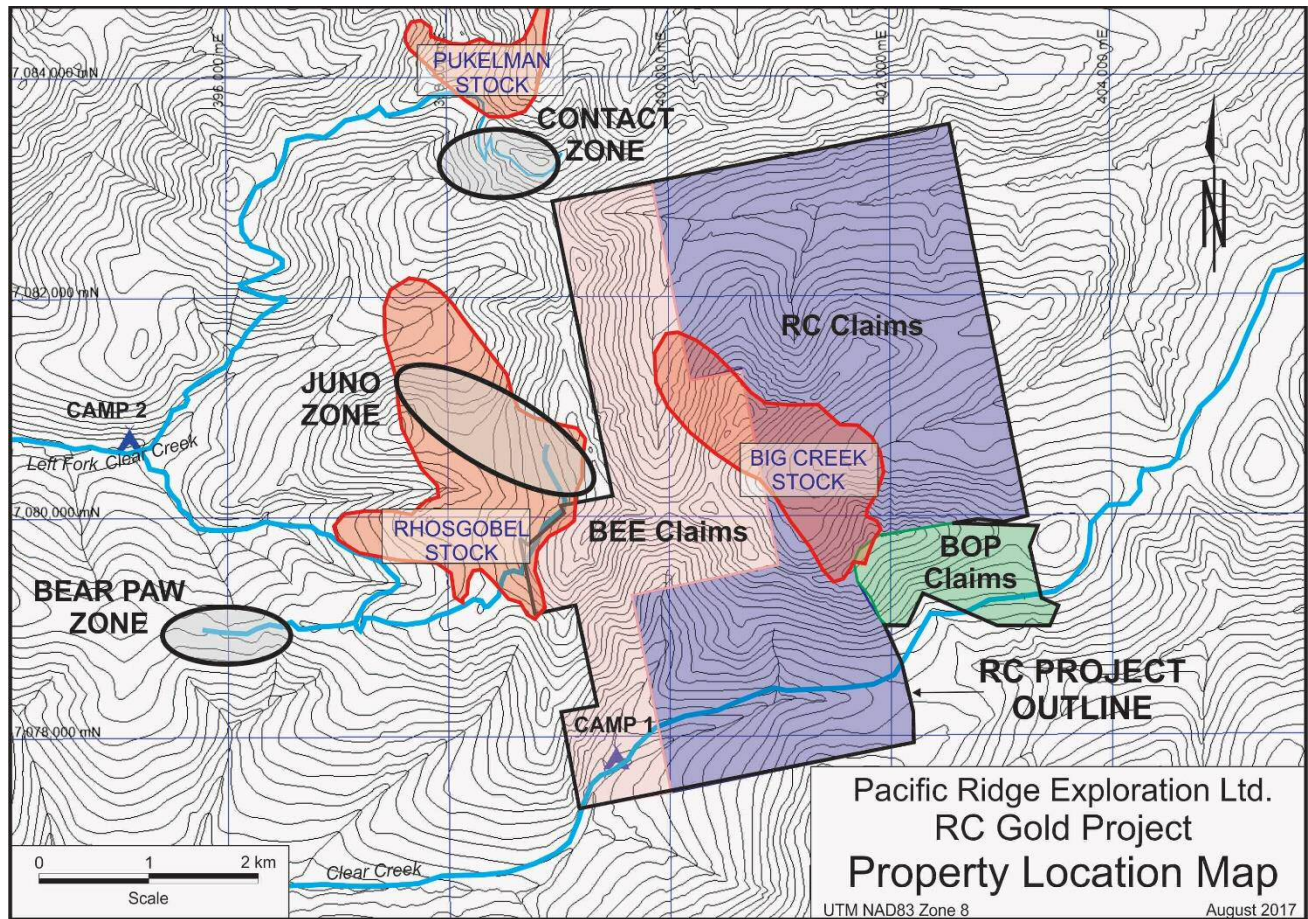
In August 2016, Fox took three rock grab samples exposed along the newly constructed Big Creek road that cuts across the south side of the Property, one of which returned 180 ppb gold (Coe, 2017). The RC claims were subsequently staked for Fox to cover a target area that includes the Big Creek Stock 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).

In 2017, Pacific Ridge carried out a program of prospecting, geological mapping, soil sampling (564 samples) and three short lines of mag/VLF ground geophysical surveying, supported by YMEP Project 17-026. The 2017 mapping program identified quartz-arsenopyrite veining in the Bee grid area. 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 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 soil survey 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 an 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.

## **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. Mayo Suite? 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.

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). It has been suggested that and adjacent intrusions such as Rhosgobel and Pukelman 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).

## **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.

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 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 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.

## **2018 EXPLORATION PROGRAM**

A crew of two from Fox mobilized by truck from Whitehorse to the Camp 2 site on the Left Fork of Clear Creek on August 3. Jean Pautler (“Pautler”) from JPEx was on site from August 4 to August 6 for geological mapping, completing three days of mapping and collecting 18 rock samples for analysis. A crew from Aurora arrived at the camp on August 6 and returned to Whitehorse on August 13. On August 13, 2018, the Fox crew was demobilized by truck back to Whitehorse.

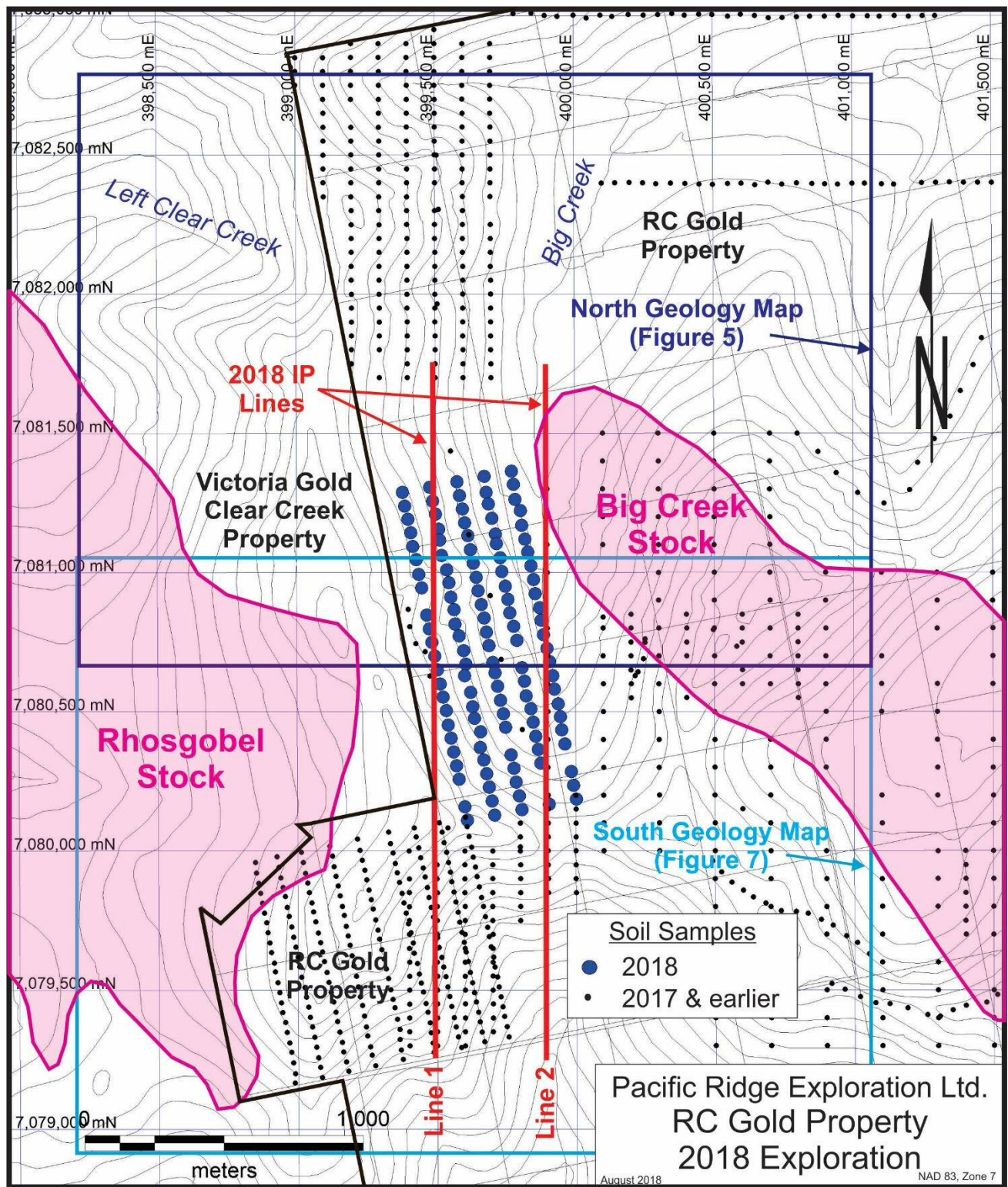


Figure 4. 2018 field activities map.

In addition to providing camp services and supervising and assisting the Aurora IP survey, the Fox crew collected 118 soil samples on five 100 m spaced lines at 50 m intervals (see Figure 4). Pautler completed geological mapping on the western side of the property, south of the area mapped by her in 2017. The Aurora crew completed two lines of IP surveying, each approximately 3 km in length (see Figure 4).

## Geological Mapping and Prospecting

The following description is condensed from a memo by Pautler (see Appendix II). Mapping focused on three areas: The Bee South grid area to evaluate a strong northeast trending gold-silver-antimony soil anomaly, the Far grid area to investigate a linear northeast trending gold soil anomaly, and the extension of a strong gold soil anomaly in between the two grid areas from the adjoining Clear Creek Project of Victoria Gold Corp.

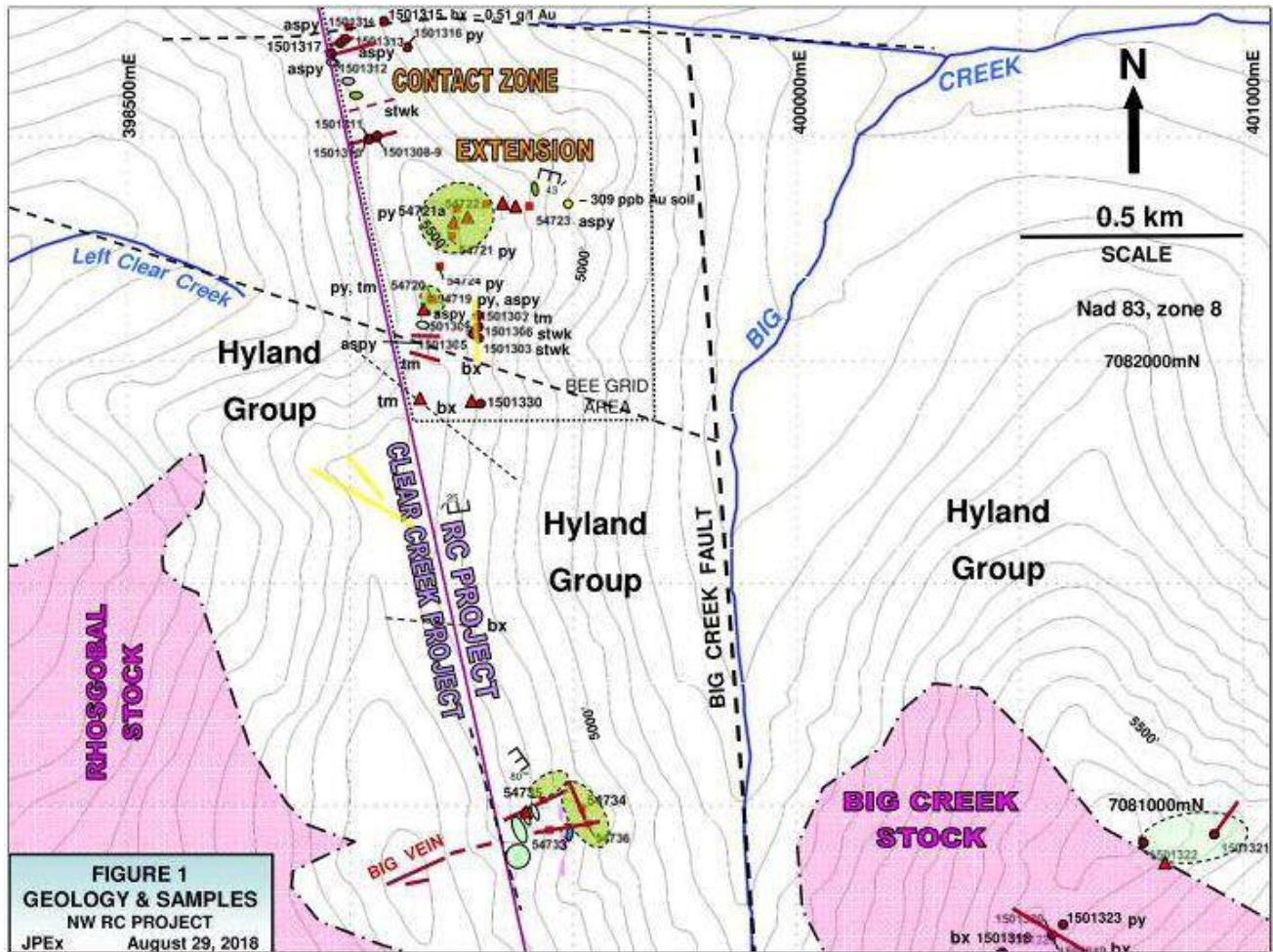


Figure 5. 2018 geological mapping, north sheet (Pautler, 2018).

In the Bee South area, several quartz-arsenopyrite veins occur within the gold-silver-antimony soil anomaly (Figure 5 – North map sheet). The veins range up to 40 cm as talus boulders and contain various sulphides including pyrite, arsenopyrite, possible stibnite and a black sooty mineral that may be a silver mineral (samples S054721 to S054723). Vein trends appear to be north-northeast. Other veins were sampled to the south (sample S054724 with 3% pyrite and S054719-20 with arsenopyrite and some pyrite). Chloritic phyllite dominates in the area with sericite alteration proximal to the veins.

Table 2 shows Pautler's rock sample descriptions and summary analytical results. Assay certificates are included in Appendix III. All Bee grid samples collected in 2018 are low in gold, with the exception of S054720, which contained visible arsenopyrite (0.028 ppm Au, 743 ppm As). Only two other samples showed anomalous geochemistry: S054719, rusty, pyritic quartz vein float with 576 ppm As and S054720, a banded and stock work quartz vein, with 13.6 ppm Ag, 193 ppm As and 375 ppm Pb.

**Table 2. Rock sample descriptions and summary geochemical results.**

SAMPLE NUMBER	GENERAL LOCATION	NAD 83 Zone 8		ELEV. (m)	TYPE	DESCRIPTION	Au	Ag	As	Sb	Cu	Pb	Zn
		EASTING	NORTHING				ppm	ppm	ppm	ppm	ppm	ppm	ppm
S054719	Bee grid	399180	7082138	1649	grab	rusty weathering quartz vein talus to 25 cm, with oxidized cubic pyrite and boxwork, arsenopyrite as aggregates, minor scorodite, lim fracture fillings, hosted by sericite-limonite altered phyllite; above 768.3 ppb Au in soil	0.005	0.3	576	<2	21	3	17
S054720	Bee grid	399185	7082136	1648	grab	banded quartz veins and stockwork in talus with few to 7 mm wide 2nd order quartz veins with tourmaline clots, oxidized cubic pyrite and boxwork, possible arsenopyrite, most talus 10-20 cm in sericite-chlorite phyllite; above 768.3 ppb Au in soil	<0.005	13.6	193	3	21	375	50
S054721	Bee grid	399228 399239	7082279 7082340	1671 1650	grab	composite of rusty weathering quartz vein talus boulders up to 40 cm with limonitic fracture fillings oxidized cubic pyrite and boxwork, minor black sooty mineral, cutting sericite-chlorite phyllite, above 309 ppb Au in soil	<0.005	<0.2	45	<2	14	7	24
S054722	Bee grid	399306	7082351	1617	grab	milky white quartz vein talus to 30 cm with grey patches - possible arsenopyrite, minor limonitic fracture fillings, cutting sericite-chlorite phyllite, above 309 ppb Au in soil	<0.005	<0.2	12	<2	6	2	8
S054723	Bee grid	399401	7082346	1562	grab	30 cm talus blocks of quartz vein and intensely silicified wallrock (qte?), with limonite and hematite fracture fillings arsenopyrite on fractures, slickensides; above 309 ppb Au in soil	0.028	0.9	743	<2	13	8	22
S054724	Bee grid	399201	7082211	1664	grab	quartz veins in talus to 30 cm, with few mm wide 2nd order quartz veinlets, limonitic fracture fillings with goethite knots, 3% oxidized cubic pyrite and fresh pyrite as cubes and aggregates, trace arsenopyrite??; above 768.3 ppb Au in soil	<0.005	<0.2	90	<2	12	8	13
S054733	Big Vein Ext.	399446	7080947	1615	grab	milky white, some smoky, quartz vein boulder talus to 1m at 425058 soil location, with grey patches - possible arsenopyrite, possible sphalerite, rare chloritic wallrock (phyllite) clasts, possible 060 or maybe 080 trend	<0.005	<0.2	2	<2	4	6	8
S054734	Big Vein Ext.	399520	7080996	1566	grab	milky white quartz vein boulder talus to 1 by 1.5 m with grey patches - possible arsenopyrite, lots limonitic fracture fillings with goethite knots, and clay altered pathes to 1 cm, minor chloritic wallrock (phyllite) clasts, possible NNW trend	<0.005	<0.2	11	2	25	14	26
S054735	Big Vein Ext.	399433	7081016	1582	grab	milky white quartz vein talus to 35 cm with grey patches - possible arsenopyrite, limonitic fracture fillings with goethite knots, some clay and chlorite altered wallrock clasts (phyllite) clasts, possible 060 float trend trend	<0.005	<0.2	<2	<2	4	3	4
S054736	Big Vein Ext.	399600	7079972	1707	grab	composite over 20m of rusty fractured grey quartz, locally brecciated, chlorite altered	<0.005	<0.2	16	2	42	22	49
S054725	Far grid	399336	7080054	1780	grab	white quartz vein talus to 20 cm with limonite and hematite fracture fillings, some tourmaline-chlorite veinlets. Minor few mm wide crosscutting quartz veinlets, cutting silicified phyllite	<0.005	0.2	24	<2	8	2	4
S054726	Far grid	399706	7079967	1704	grab	intensely rusty quartz veins in talus with arsenopyrite, minor pyrite, trace chalcopyrite?, in silicified, banded phyllite, some limonite vugs	0.149	0.2	13	<2	115	4	16
S054727	Far grid	399715	7079949	1692	grab	quartz veins with rounded clasts of epidote altered limy? phyllite with chalcopyrite and pyrrhotite, possible arsenopyrite, biotite hornfels host	0.016	<0.2	15	<2	31	3	15
S054728	Far grid	399702	7079995	1719	grab	white to smoky quartz vein talus to 35 cm, trending 090, with limonite and hematite fracture fillings, cutting biotite hornfels	<0.005	<0.2	24	<2	7	<2	9
S054729	Far grid	399600	7079972	1705	grab	grey to white quartz, some vuggy, limonite fracture fillings, in fault zone	<0.005	<0.2	3	<2	6	2	4
S054730	Far grid	399597	7079954	1700	grab	large quartz boulders to 50 cm, overall grey quartz with tourmaline, pyrite, arsenopyrite, rusty fracture fillings, 1% oxidized cubic pyrite and fresh pyrite, in talus between area of outcrops	0.010	26.1	1005	<2	32	579	161
S054731	Far grid	399598	7079972	1707	grab	rusty, brecciated quartz in rusty talus to 10 cm with stong limonite, some hematite; fault zone	0.110	0.4	48	9	51	13	44
S054732	Far grid	399494	7079892	1721	grab	white quartz vein boulders to 35 cm with grey patches, lots limonite fracture fillings, some goethite knots	0.024	0.2	12	<2	10	4	5

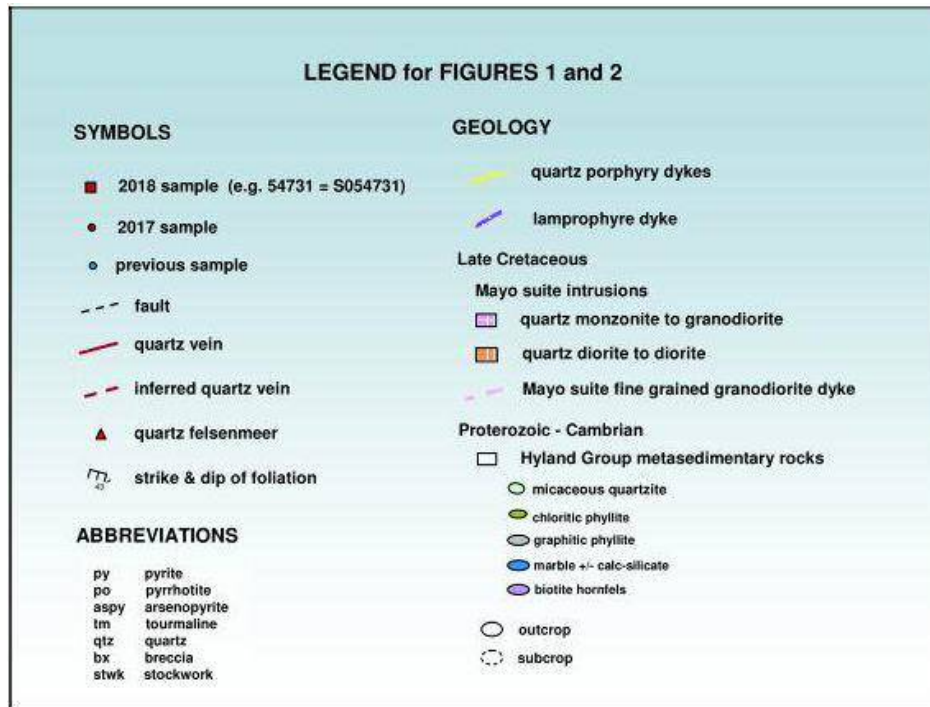


Figure 6. Geology legend for Figures 5 and 7.

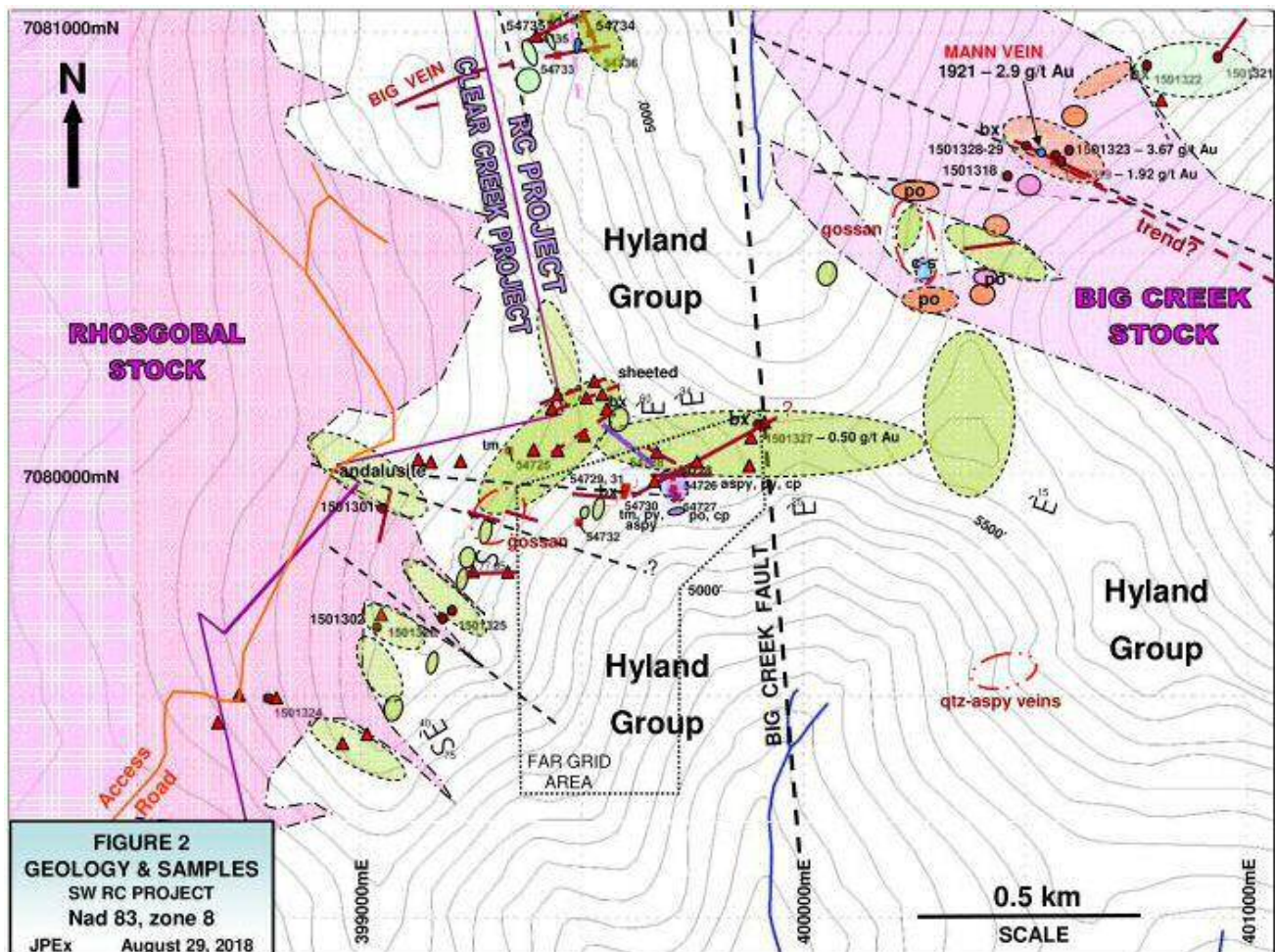


Figure 7. 2018 geological mapping, south sheet (Pautler, 2018).

Approximately 300m at 060° from the exposure of the Big Vein along the north trending ridge 35 cm quartz talus boulders with oxidized sulphide and possible arsenopyrite were observed following a 060° trend (sample S054735). This may possibly represent the extension of the Big Vein, to the southwest on the adjacent Victoria Gold ground (Figure 5). Another vein was found as talus boulders up to 1m in size, traced along a 080° trend (samples S054733 and S054736), which may be a splay or the actual continuation of the Big Vein. Another quartz vein is exposed as talus boulders up to 1 by 1.5m in size along a north-northwest to northwest trend, perpendicular to the predominant east-northeasterly trends. Host rock consists of micaceous quartzite in the western vein exposures with chloritic phyllite lower down and minor marble near the contact between the two units. None of the 2018 rock samples from the Big Vein Extension were significantly geochemically anomalous (Table 2).

In the Far Grid, a few veins (possibly 3 to 4 exposed as 20-35 cm sized talus blocks) occur along the Far grid gold soil anomaly over an 850m extent and possible 100m width (samples S054726 to S054732) (Figure 7 – south map sheet). Veins trend 060° with some 090° trends. Larger talus blocks (to 0.5m) with tourmaline are evident in the central anomaly area (sample S054730). The veins cut hornfelsed and calc-silicate altered stratigraphy further east (samples S054726 to S054728). Numerous sheeted veins occur 150m north of this zone (including sample S054725), but they do not correspond to soil or IP anomalies. These veins have been discontinuously traced over a 500m extent at a 065° trend.

The Far Grid contained anomalous gold, from 0.10 to 0.149 ppm, but only one sample, S054730, from quartz boulders with tourmaline, pyrite and arsenopyrite, was anomalous in other metals, with 26.1 ppm Ag, 1,005 ppm As and 579 ppm Pb.

The veins within the Far grid area do not correspond to chargeability high anomalies obtained in the 2018 IP survey (see below). However, an IP anomaly occurs at the south end of the two IP lines spaced 400m apart at the southern end of the Far grid, the eastern end of which appears to lie 500m along a 255° trend of the apparently unsampled quartz-arsenopyrite veins shown in Mann (2011) and in Figure 2. This would assume no offset along the Big Creek fault.

### ***Soil Geochemical Survey***

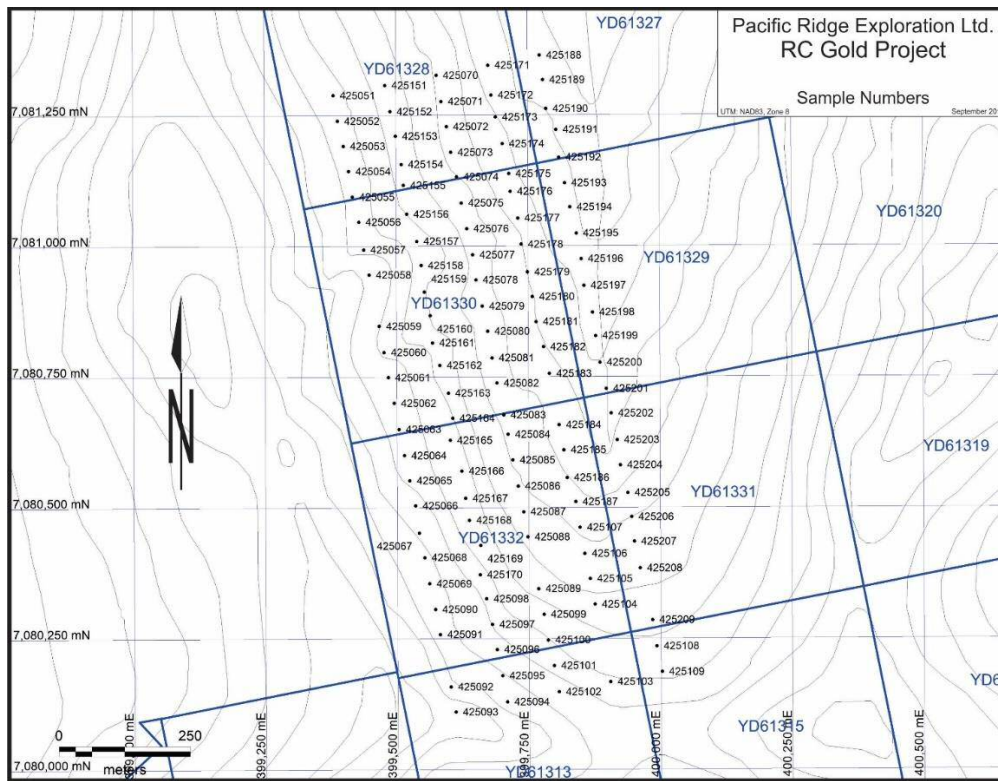
The soil survey was designed to fill in an area of potential mineralization that had not been covered in previous surveys. 118 soils were collected at 50 m spacings on four lines spaced 100 m apart (see Figure 8). Soil sample location information is included in Appendix IV, summary results in Appendix V and Analytical Certificates in Appendix VI.

### **Sampling Protocol and Data Handling Procedures**

A C-Horizon sample is collected using a hand auger at a depth of between 10 cm and 60 cm. Where necessary, in rocky or frozen ground, a mattock is used to obtain the sample. Typically, 400 to 500 g of soil is placed in a pre-labeled kraft sample bag. An aluminum metal tag inscribed with the sample identification number is attached to a rock or branch in a visible area at the sample site along with a length of pink flagging tape that is also labelled with the sample identification number. The GPS location of the sample site is recorded in UTM NAD 83 format, and the waypoint is labeled with the project name and the sample identification number. Samples are sealed in rice bags and secured for shipping to the assay lab.



Samples were shipped to ALS Minerals (“ALS”) in Vancouver for analysis. Samples were dried at <60°C to 140°F and then sieved to -180 micron (80 mesh). Analysis for a suite of trace elements (ME-ICP41) use a 0.5 g sample dissolved in aqua regia with ICP-AES finish. A 30 g sample was assayed for gold by fire assay with ICP-AES finish. A DVD containing all digital files from ALS has been submitted with this assessment report.



**Figure 8. 2018 Soil sampling grid and sample numbers.**

### 2018 Soil Geochemical Survey Results

The results for gold from the 2018 survey are plotted in Figure 9. However, to provide a more comprehensive interpretation of the results from the 2018 survey, several relevant elements have been plotted along with results from adjacent sampling during the period 2011 to 2017 (Carlson, 2017). Bubble plots for Au, Ag, As, Bi, Sb, Pb, Zn, Cu and Mo are shown in Figures 10 to 18, below. Threshold values for the bubble levels have been calculated at the 98<sup>th</sup>, 95<sup>th</sup>, 90<sup>th</sup> and 70<sup>th</sup> percentiles, as shown below in Table 2. Four of the target zones shown in the figures, Bee North, Bee South, Big Creek and Far Grid, were originally defined in Carlson (2017). Big Vein Extension was defined in 2018.

**Table 3. Percentile levels used for soil geochemical bubble plots.**

	Au-ppb	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	Zn-ppm
<b>Maximum</b>	998	42.5	4660	38.6	192	8.8	2370	33.0	1210
<b>98th Percentile</b>	131	4.1	706	4.0	91	4.0	127	5.0	161
<b>95th Percentile</b>	76	2.4	477	3.0	73	3.0	74	3.0	123
<b>90th Percentile</b>	48	1.2	313	2.0	59	2.1	44	2.1	110
<b>70th Percentile</b>	19	0.5	109	1.0	41	1.9	22	1.0	88
<b>Minimum</b>	0	0.1	4	0.3	5	0.6	7	0.5	19

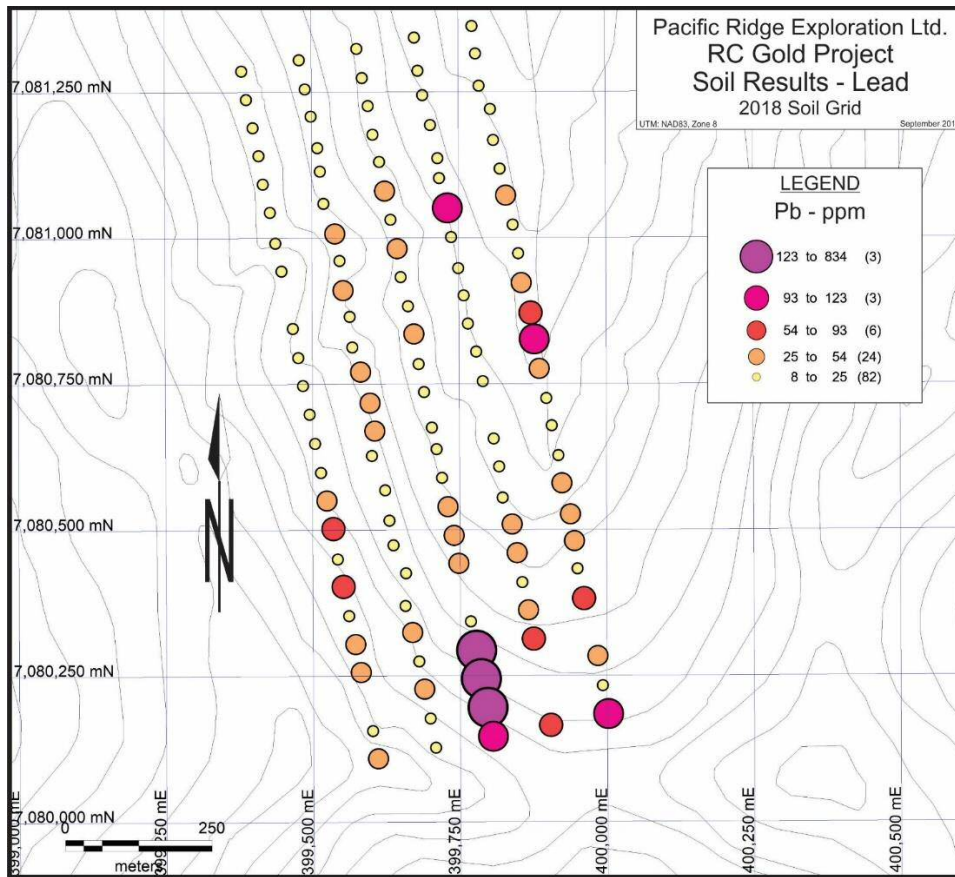


Figure 9. 2018 Soil grid – gold in soils.

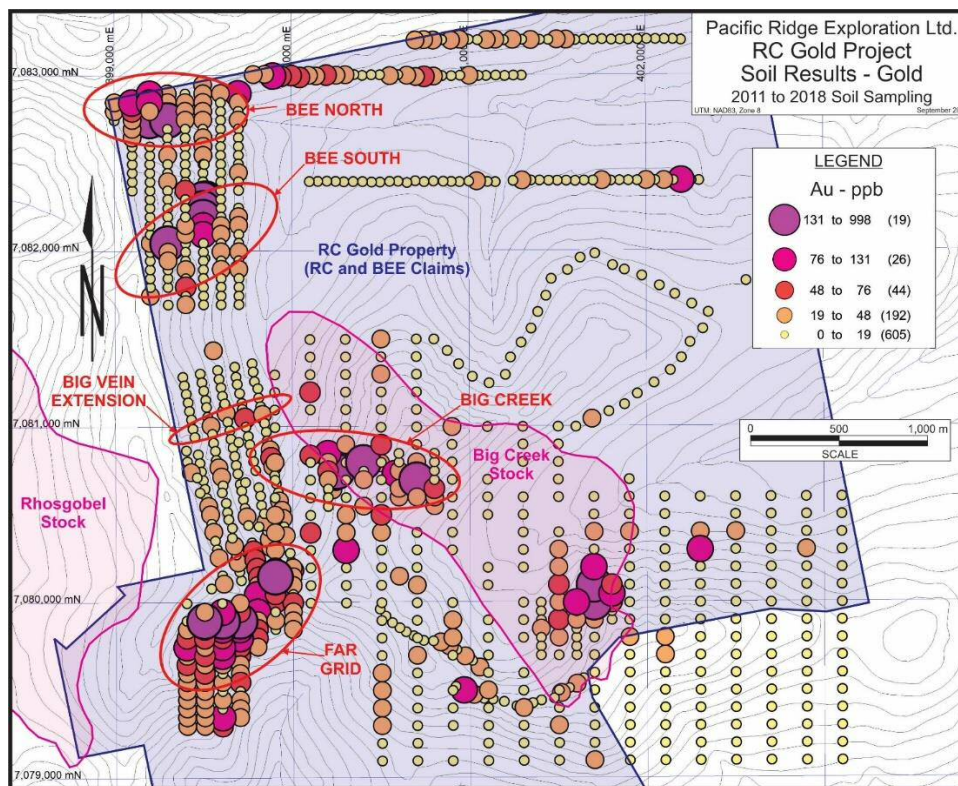


Figure 10. Gold Geochemistry – 2011 to 2018 soils.

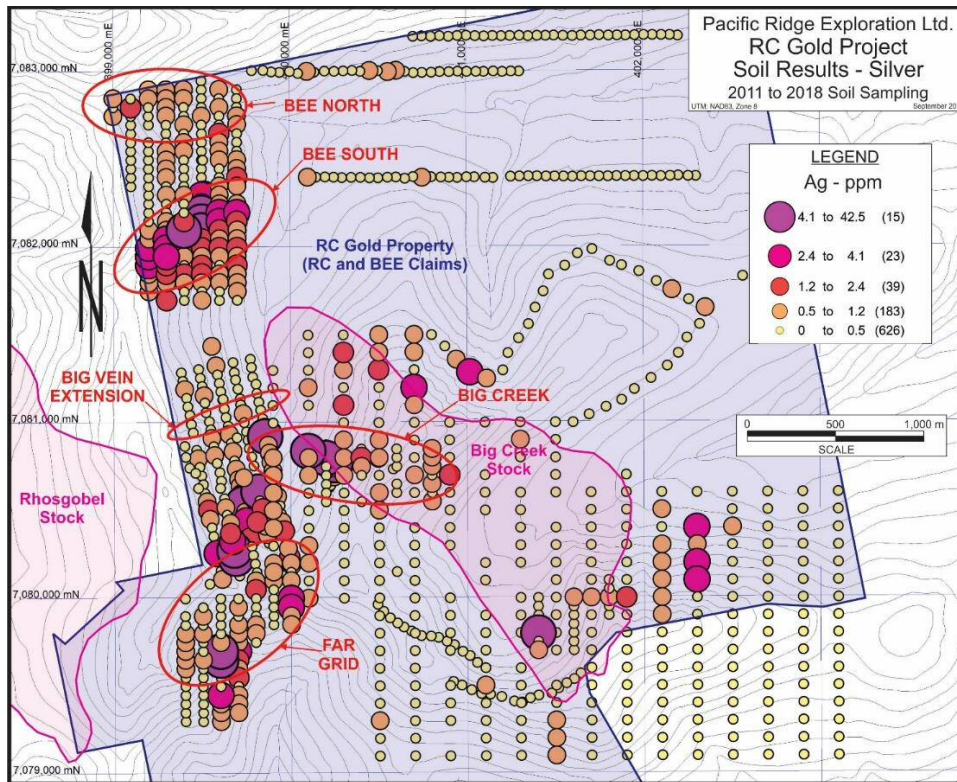


Figure 11. Silver geochemistry – 2011 to 2018 soils.

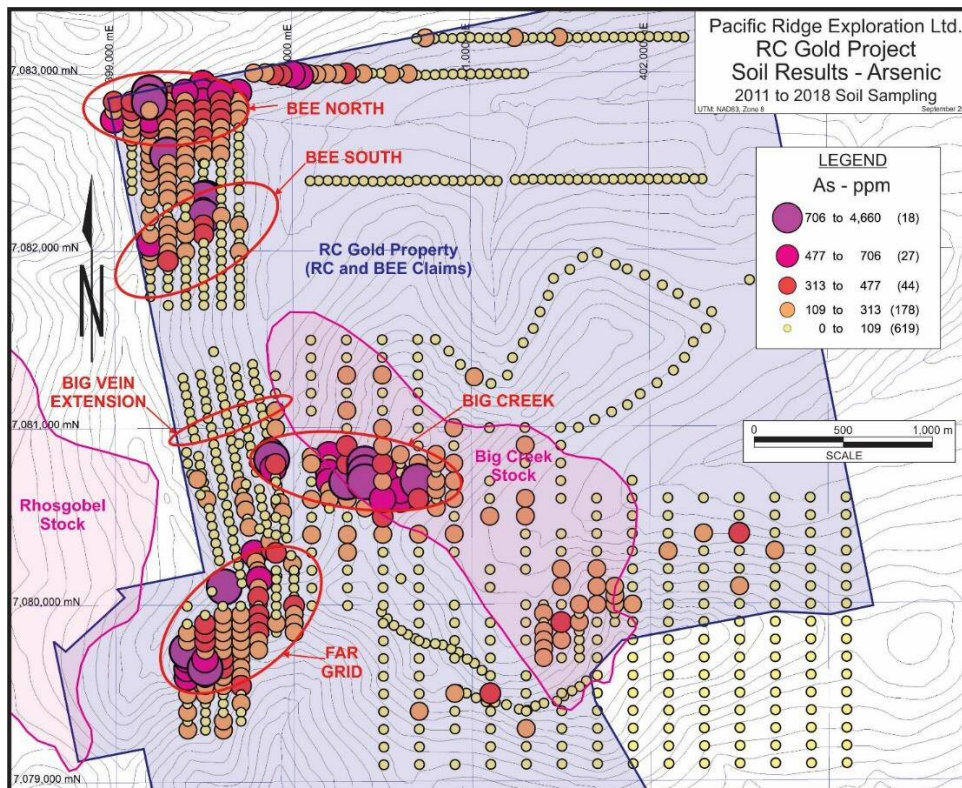


Figure 12. Arsenic geochemistry – 2011 to 2018 soils.

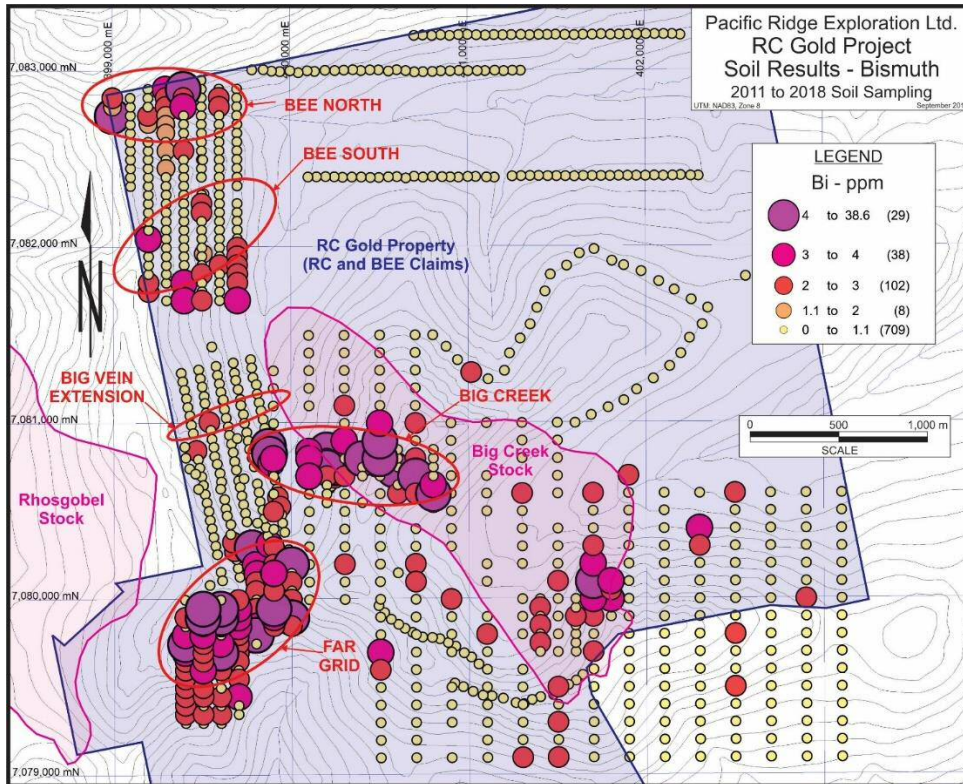


Figure 13. Bismuth geochemistry – 2011 to 2018 soils.

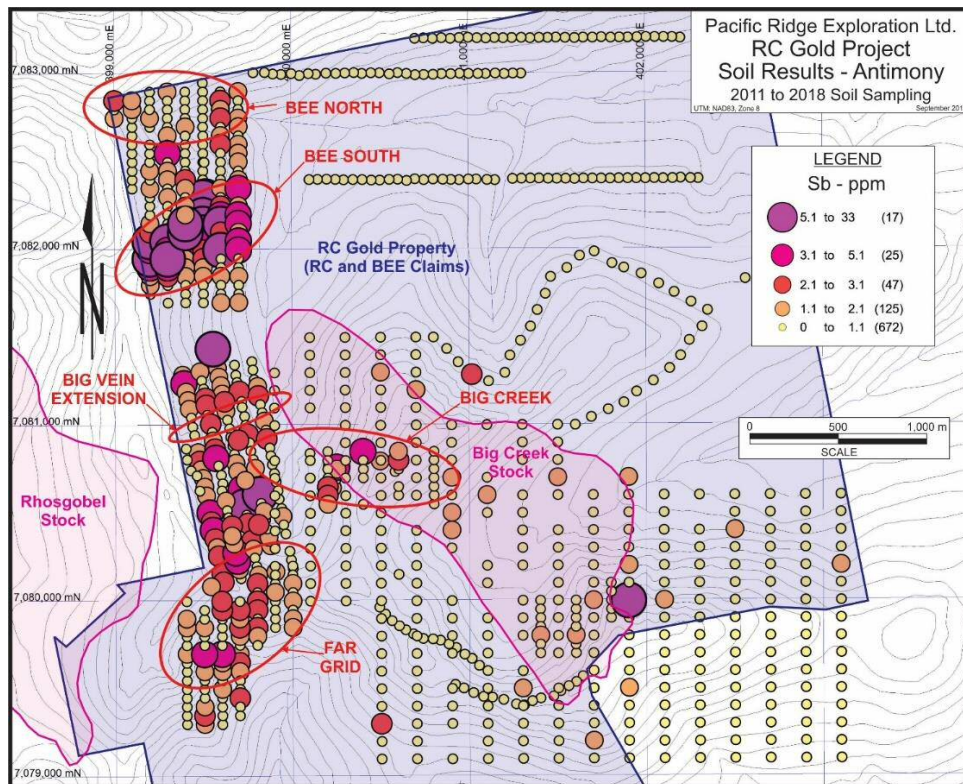


Figure 14. Antimony geochemistry – 2011 to 2018 soils.

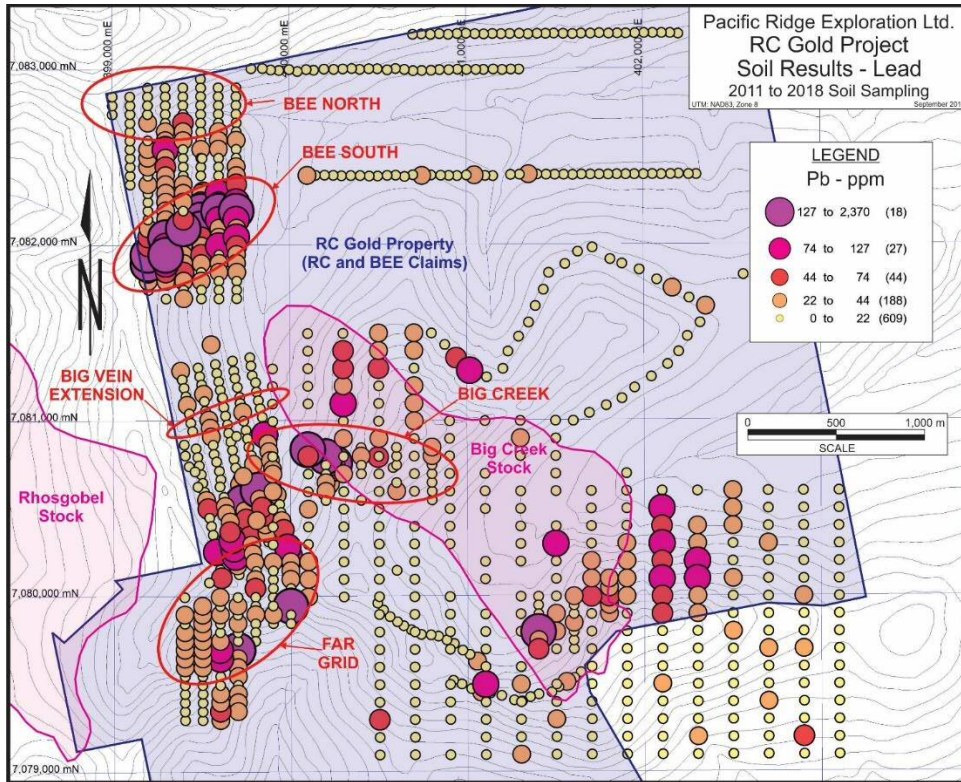


Figure 15. Lead geochemistry – 2011 to 2018 soils.

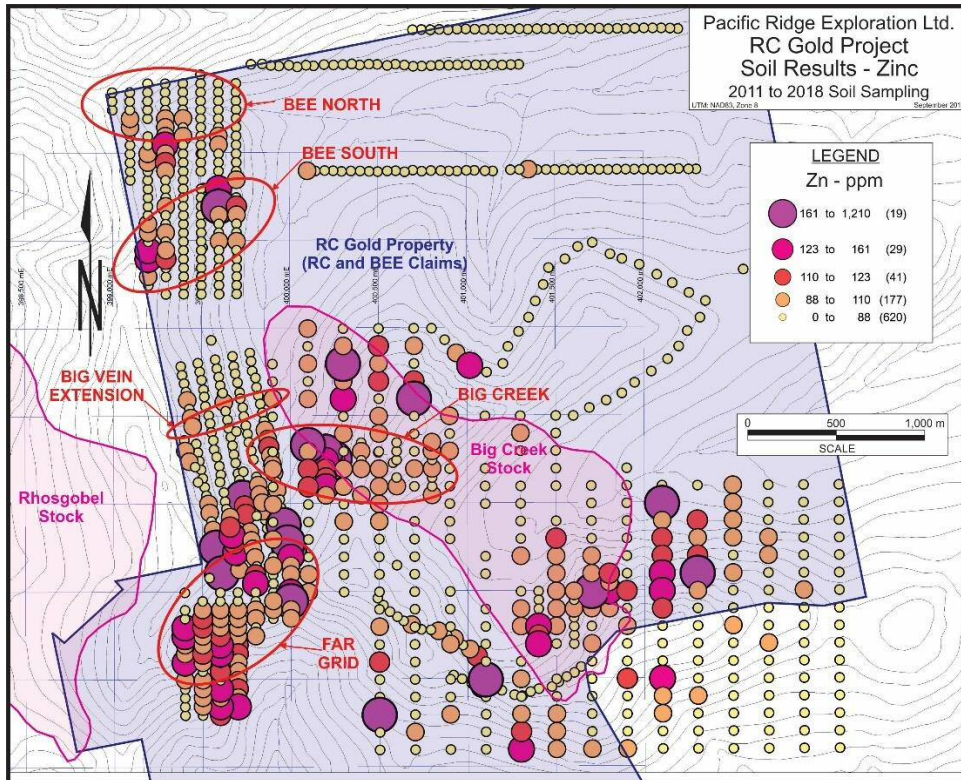


Figure 16. Zinc geochemistry – 2011 to 2018 soils.

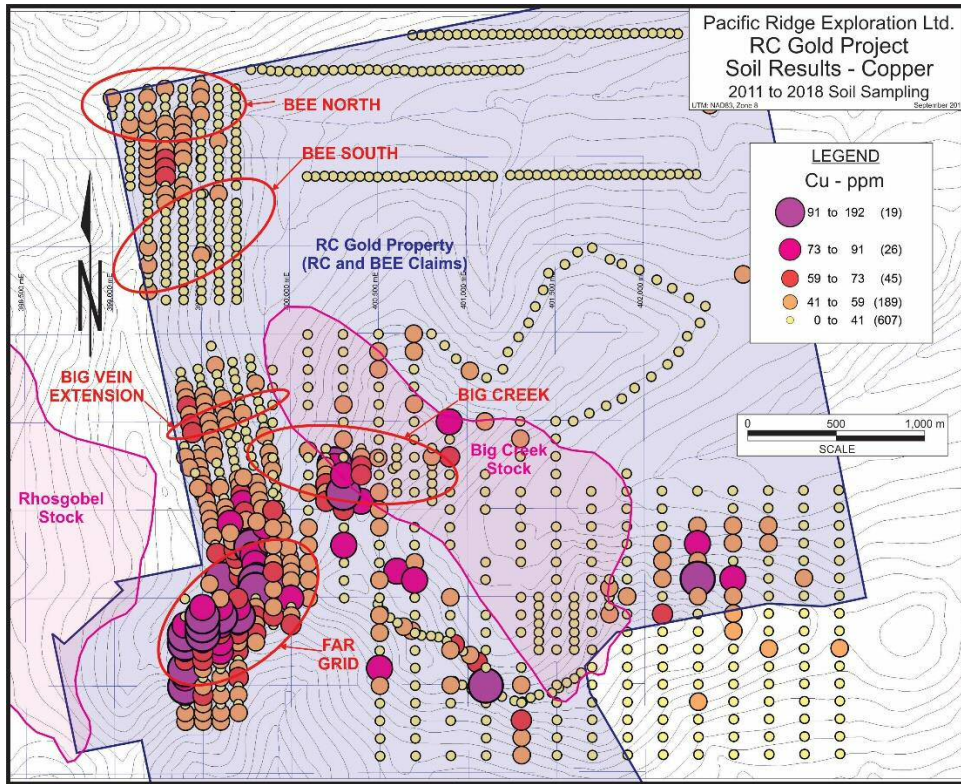


Figure 17. Copper geochemistry – 2011 to 2018 soils.

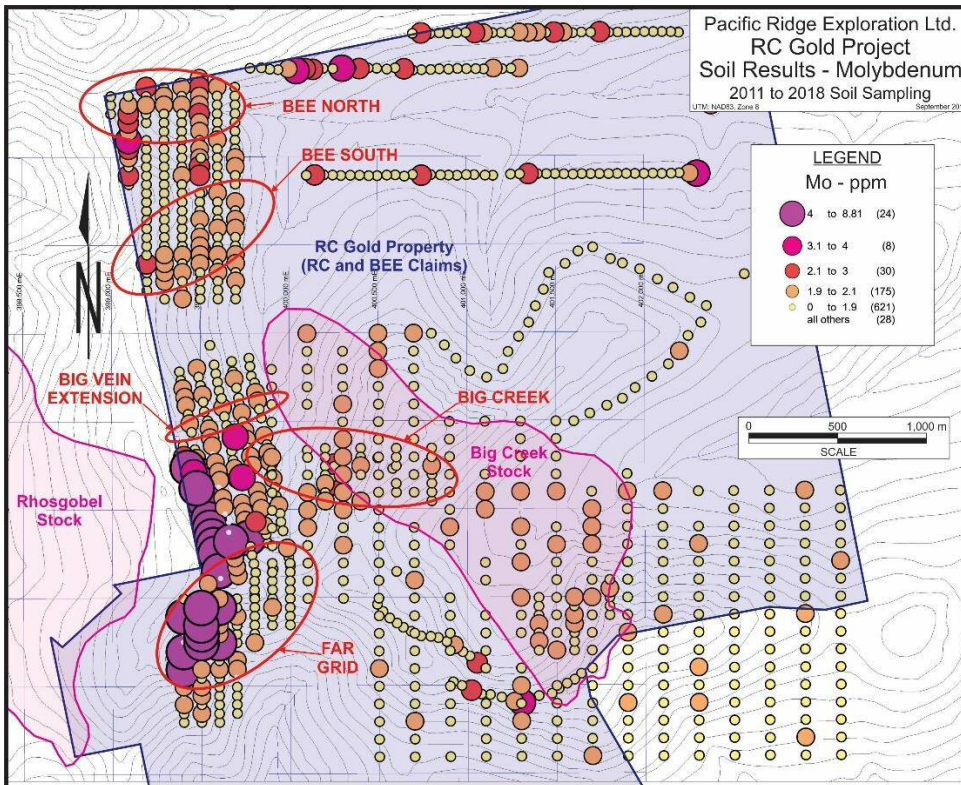


Figure 18. Molybdenum geochemistry – 2011 to 2018 soils.

The combined soil geochemical results, over the 2018 sampling grid and adjacent areas, have shown four anomalous trends.

The first, including Au, Ag, As, Bi, and Cu, confirm and extend the Big Creek and Far Grid anomalies defined by the 2017 program (Carlson, 2017). The Big Creek anomaly has been extended to the west and the Far Grid anomaly has been extended to the northeast. It is believed that these zones represent sheeted vein style mineralization related to the Big Creek and Rhosgobel stocks respectively although, in both cases, the mineralization appears to be mostly in the wall rocks.

The second, the Big Vein Extension, is only weakly defined by Au. Local veining was noted and sampled by Pautler (2018) as an apparent eastern extension of the Big Vein on the adjacent Clear Creek property and it appears to have a distinct strong chargeability signature and weak to moderate conductivity anomaly as reported in the IP section below.

The third trend includes Sb, Pb and Zn and the anomalous trends are peripheral to the first trend. One anomalous zone occurs roughly between the Big Creek and Far Grid trends, while a second, more widely scattered trend occurs within and to the east of the Big Creek stock.

The fourth trend, as defined by Mo, and to a lesser extent, Cu, is not strongly anomalous, but is distinctly defined and occurs along the western margin of the 2018 grid, extending into the western side of the Far Grid anomaly. It is possible that this anomaly is associated with intrusion related, porphyry-style within the Rhosgobel stock on the adjacent Victoria Gold Clear Creek property.

### ***Induced Polarization Survey***

The IP crew from Aurora, including a Crew Chief and three Technicians, arrived on the Property August 6th, completed 6 days of surveying and returned to Whitehorse August 13th. The crew completed 4.3 km of IP surveying along two parallel lines spaced 400 m apart. The survey utilized a pole-dipole array with 100 m station spacing for  $n = 1-10$ . The purpose of the survey was to detect disseminated sulphide mineralization that could be associated with a bulk tonnage, Fort Knox style gold target. Aurora's report describing the survey details and presenting the survey results is included as Appendix VII to this report. Digital files including all data from the survey have been included in a DVD submitted with this assessment report.

### **IP Survey Results**

Two dimensional modelled results, including chargeability and resistivity for the two surveyed lines, are shown in Figures 19 to 22. 2D resistivity and chargeability models were calculated by Aurora using DCIP2D software developed at the University of British Columbia - Geophysical Inversion Facility, Department of Earth and Ocean Sciences. Default inversion parameters were applied to produce smooth chargeability and resistivity 2 dimensional models (see Aurora report – Appendix VII). The line locations relative to other exploration activity are shown in Figure 4.

A chargeability high from the 2018 IP survey appears to coincide with the observed Big Vein Extension (from the adjacent Clear Creek property). The chargeability is high and the conductivity moderate to weak. The zone is relatively narrow and does not appear to extend to depth. Interestingly, on Line 1, this zone appears to extend towards the north, towards the Bee South Zone. This anomaly represents a possible vertical to steep south dipping vein structure and a potential drill target.

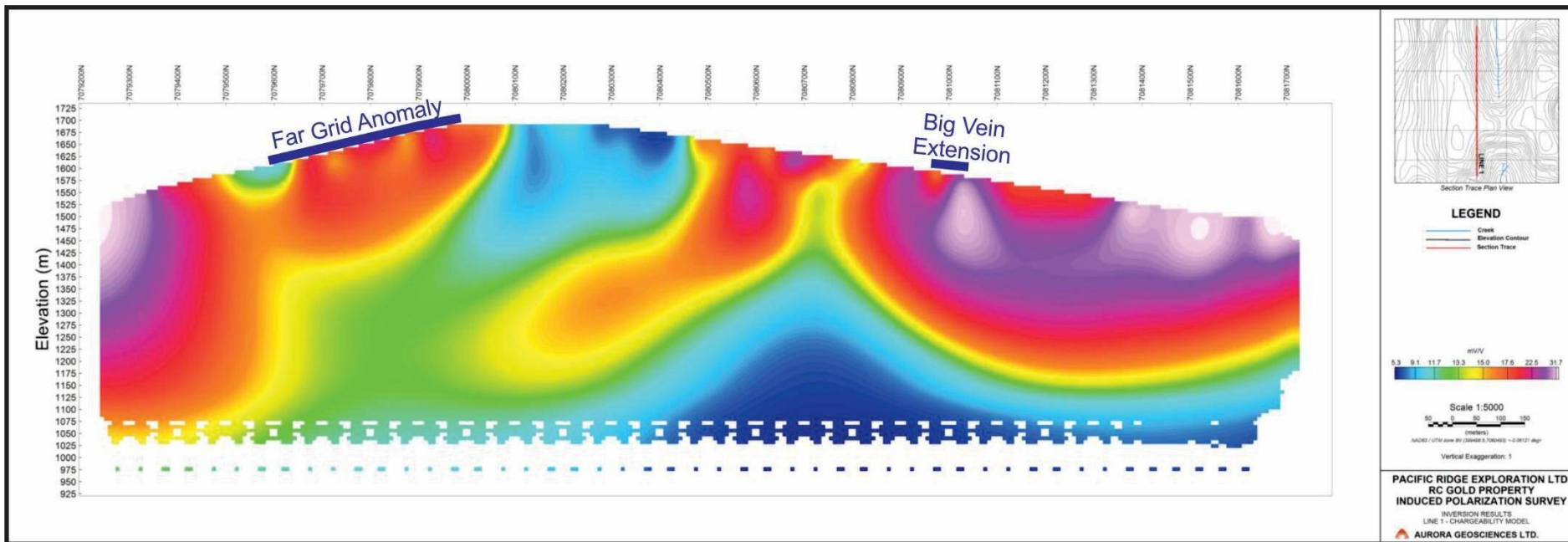


Figure 19. Modelled chargeability – Line 1.

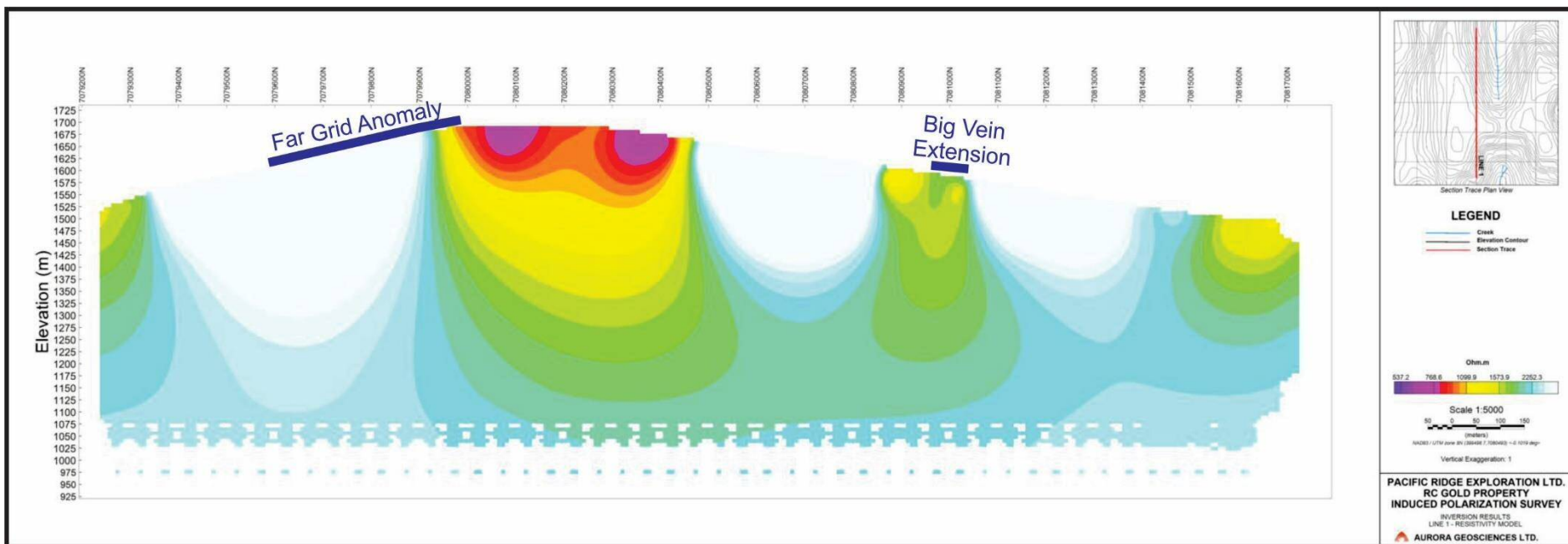


Figure 20. Modelled resistivity – Line 1.



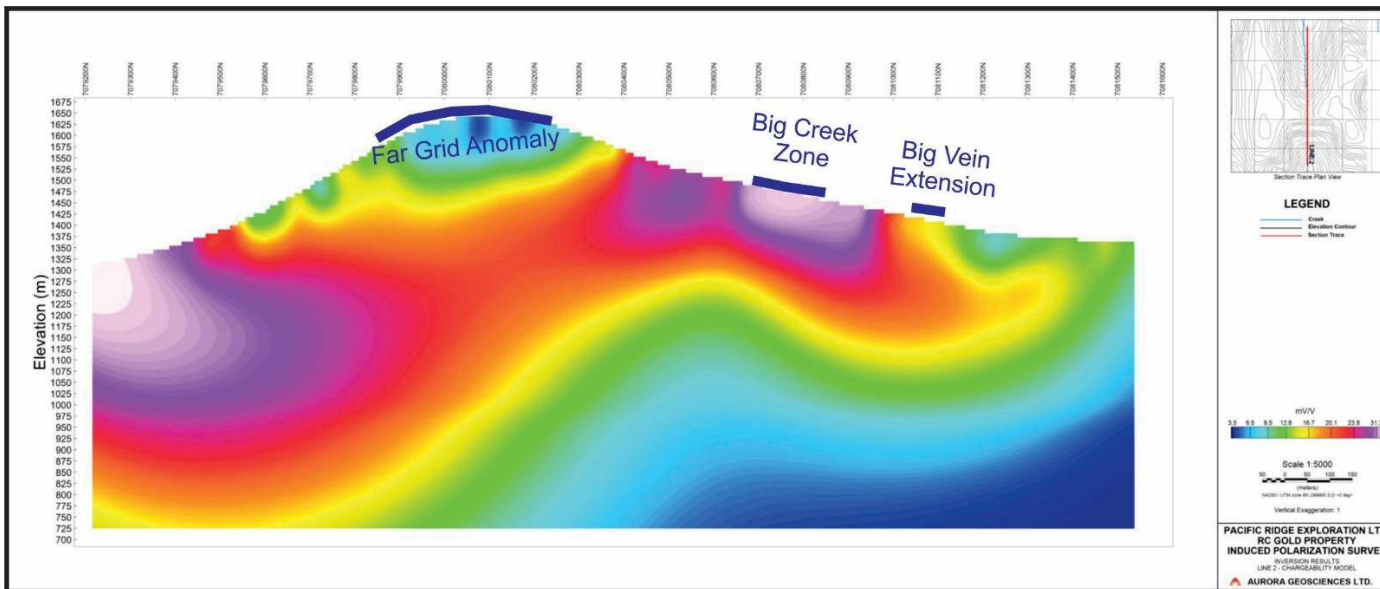


Figure 21. Modelled chargeability – Line 2

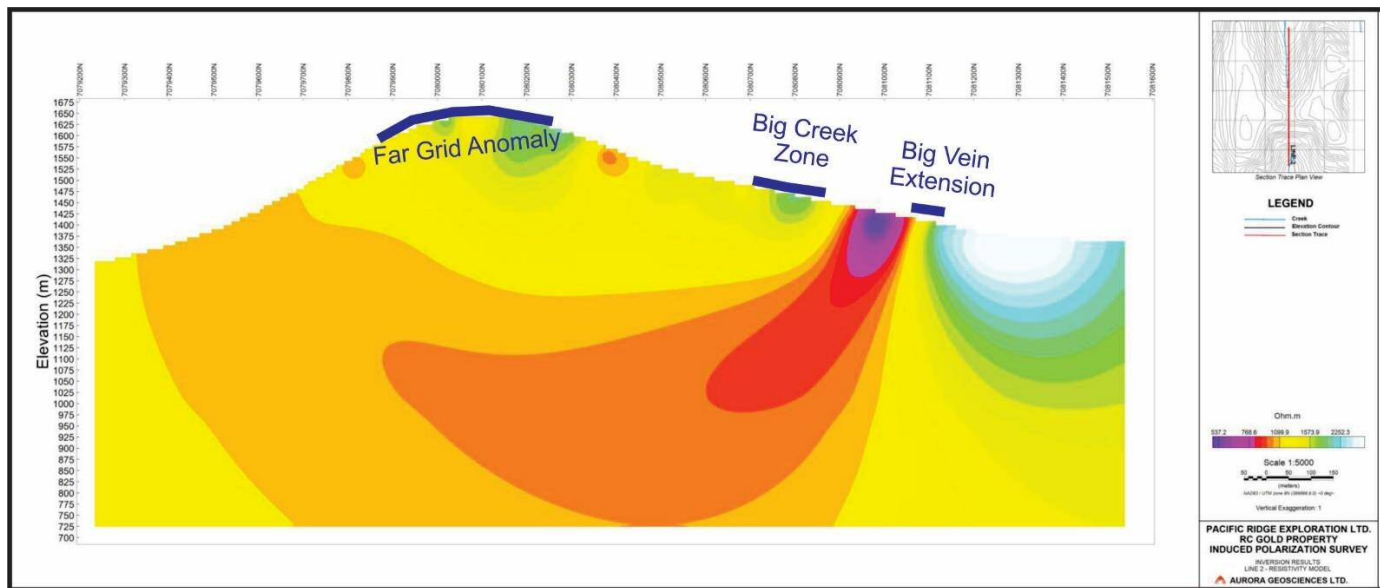


Figure 22. Modelled resistivity – Line 2.

The central part of Line 2 shows a strong but shallow chargeability anomaly and very weak resistivity zone that may correlate with the western extension of the Big Creek Zone.

The Far Grid Zone has a moderate chargeability anomaly coming to surface on Line 1 and at depth on Line 2. The anomalies do not extend greatly to depth and do not appear to have an associated resistivity signature. This suggests the possibility of a broad zone of disseminated sulphide mineralization that is the source of the Far Grid Au-Ag-As-Bi soil anomaly.

Finally, interesting chargeability anomalies appear at the south end of both Lines 1 and 2 and at the north end of Line 1. The southern anomaly is south of any mapping or soil sampling and therefore the source of this anomaly is unknown. Additional mapping and sampling should be carried out in this area. The north anomaly is likewise unexplained, with no obvious geological or geochemical features on surface to explain it.

## **CONCLUSIONS**

The 2017 RC Gold project exploration program successfully defined four strong targets for follow-up exploration. The 2018 program focused on further defining and expanding the Big Creek and Far Grid targets, as well as filling in a previously unexplored area in the central part of the target area.

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.

### **Prospecting and Geology**

In the Bee South area, several quartz-arsenopyrite veins occur within the gold-silver-antimony soil anomaly and contain various sulphides including pyrite, arsenopyrite and possible stibnite. Chloritic phyllite dominates in the area with sericite alteration proximal to the veins. All Bee South samples collected in 2018 are low in gold, except for S054720, which contained visible arsenopyrite (0.028 ppm Au, 743 ppm As). Only two other samples showed anomalous geochemistry: S054719, rusty, pyritic quartz vein float with 576 ppm As and S054720, a banded and stock work quartz vein, with 13.6 ppm Ag, 193 ppm As and 375 ppm Pb.

At the Big Vein Extension area, quartz talus boulders with oxidized sulphide and possible arsenopyrite were observed. Host rock consists of micaceous quartzite in the western vein exposures with chloritic phyllite lower down and minor marble near the contact between the two units. None of the 2018 rock samples from the Big Vein Extension were significantly geochemically anomalous.

In the Far Grid, several veins occur along the Far grid gold soil anomaly over an 850 m extent and 100m width. Veins trend 060° with some 090° trends. The veins cut hornfelsed and calc-silicate altered stratigraphy. Numerous sheeted veins occur 150m north of this zone, but they do not correspond to

soil or IP anomalies. The Far Grid rock samples are anomalous gold, from 0.10 to 0.149 ppm, but only one sample, S054730, from quartz boulders with tourmaline, pyrite and arsenopyrite, was anomalous in other metals, with 26.1 ppm Ag, 1,005 ppm As and 579 ppm Pb.

### **Soil Geochemistry**

The combined soil geochemical results, over the 2018 sampling grid and adjacent areas, have shown four anomalous trends. The first, including Au, Ag, As, Bi, and Cu, confirm and extend the Big Creek and Far Grid anomalies defined by the 2017 program. The Big Creek anomaly has been extended to the west and the Far Grid anomaly has been extended to the northeast. It is believed that these zones represent sheeted vein style mineralization related to the Big Creek and Rhosgobel stocks respectively although, in both cases, the mineralization appears to be mostly in the wall rocks. The second, the Big Vein Extension, is only weakly defined by Au. Local veining was noted as an apparent eastern extension of the Big Vein on the adjacent Clear Creek property. The third trend includes Sb, Pb and Zn. These anomalous trends are distal to the first trend. The fourth trend, as defined by Mo, and to a lesser extent, Cu, is not strongly anomalous, but is distinctly defined and occurs along the western margin of the 2018 grid. It is possible that this anomaly is associated with intrusion related, porphyry-style within the Rhosgobel stock on the adjacent Victoria Gold Clear Creek property.

### **Induced Polarization Survey**

A chargeability high from the 2018 IP survey, with weak to moderate resistivity, appears to coincide with the observed Big Vein Extension. The zone is relatively narrow and does not appear to extend to depth. This anomaly represents a possible vertical to steep south dipping vein structure and a potential drill target. The central part of Line 2 shows a strong but shallow chargeability anomaly and very weak resistivity zone that may correlate with the western extension of the Big Creek Zone. The Far Grid Zone has a moderate chargeability anomaly coming to surface on Line 1 and at depth on Line 2. The anomalies do not extend greatly to depth and do not appear to have an associated resistivity signature. This suggests the possibility of a broad zone of disseminated sulphide mineralization that is the source of the Far Grid Au-Ag-As-Bi soil anomaly. Interesting chargeability anomalies appear at the south end of both Lines 1 and 2 and at the north end of Line 1. The southern anomaly is south of any mapping or soil sampling and therefore the source of this anomaly is unknown. Additional mapping and sampling should be carried out in this area. The north anomaly is likewise unexplained, with no obvious geological or geochemical features on surface to explain it.

## **RECOMMENDATIONS**

The IP survey, supported by surface mapping and sampling, suggests that the Far Grid and, to a lesser extent, the Big Creek anomaly, could represent intrusive related gold mineralization associated with sheeted veins and stockworks adjacent to the Rhosgobel and Big Creek stocks. Detailed IP surveys followed by trenching is recommended to define drill targets.

The south IP target is yet unexplained. Detailed mapping, prospecting and soil sampling is recommended in this area as well as the extension of the IP survey, extending as far as the Camp 1 from the 2017 program. Additional prospecting and sampling at the end of IP Line 1 is recommended to determine the source of the chargeability anomaly in that area. This IP line should also be extended to the north.

## EXPENDITURES

The following table lists expenditures for the entire RC Gold project, spent on the BEE and RC claims. Invoices are included in Appendix VIII.

**Table 4. Expenditure Summary**

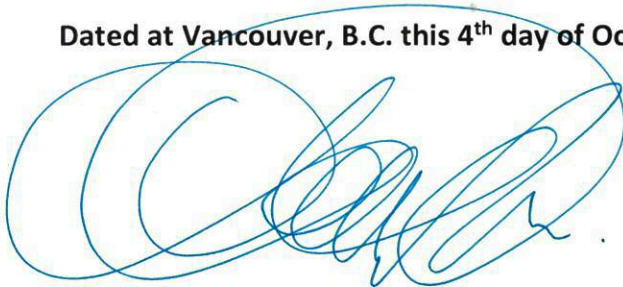
<b>Company</b>	<b>Description</b>	<b>Amount</b>
Fox Exploration Ltd.	Supervision, soil sampling	\$37,177.50
Aurora Geosciences Ltd.	IP Survey	\$30,990.00
Aurora Geosciences Ltd.	IP Survey Expenses	\$1,201.94
JP Exploration Services Ltd.	Prospection, geological mapping	\$5,220.86
ALS Canada Ltd.	Analytical - Rocks	\$765.06
ALS Canada Ltd.	Analytical - Soils	\$4,129.79
G. Carlson - 4 days @ \$800/day	Report Preparation	\$3,200.00
<b>TOTAL</b>		<b>\$82,685.15</b>

# 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., 11<sup>th</sup> 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 RC and BEE claims.
5. The report is based on a literature review, on private company reports and on the 2018 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 and interpretation of the exploration program discussed in this report.

**Dated at Vancouver, B.C. this 4<sup>th</sup> day of October 2018,**



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

## REFERENCES CITED

- Carlson, G., 2017, 2017 Geology and Soil Geochemistry Report on the RC Gold Property – RC and BEE Claims, Assessment report submitted to the Yukon Government.
- Coe, C., 2017, 2017 Exploration Proposal, RC Property, YMEP Proposal, Dawson Mining District, Yukon.
- Dawson Mining Division; for: Canada Tungsten Mining Corporation Limited; by: Berna Industries Ltd.
- Gordey, S.P. and Anderson, R.G. 1993: Evolution of the Northern Cordilleran Miogeocline, Nahanni Map area (105I), Yukon and Northwest Territories
- Geological Survey of Canada Open File 1650, 1989: Regional Stream sediment and Water Geochemical Data, central Yukon, 115P, part of 105M; Geological Survey of Canada and Canada -Yukon Mineral Development Agreement (1985 - 1989).
- Kennedy, D.R., 1980: CCH Resources Ltd., Assessment Report, Geochemical Survey, Jubjub claims, Assessment Report 090550, Dawson Mining District.
- Lueck, B.A., 1994: Geological and Geochemical Assessment Report for the FAR 1 -70 Claims, Assessment Report 093310, Dawson Mining District.
- Mann, William, 2011, 2010 Geochemical Assessment Report on the BIG Project, Assessment Report 095563, Dawson Mining District.
- Mann, William, 2015, 2014 & 2015 Geochemical and Petrographic Assessment Report on the BEE Claims, Dawson Mining District.
- Murphy, D.C. and Heon, D., 1996: Geoscience Maps 1996-1 and 1996-2, Geological map of Clear Creek area, western Selwyn Basin, Yukon (115P/14)
- Poulson, K.H., Mortensen, J.K., Murphy, D.C., 1997: Styles of intrusion-related mineralization in the Dawson-May area, Yukon Territory; in Current research 1997-A; Geological Survey of Canada, p. 1-10
- Rainbird, R.H., 1981: Geological and Geochemical Assessment Report on the West Ridge Claims, C.C. (1) 782-847, 850-859, 862-871, 973-881, 883-919, C.C. (2) 852-857.
- Stammers, Michael A., 1998, Geophysical, Geological and Geochemical Assessment Report on the Clear Creek Property, Assessment Report 093937, Dawson Mining District.
- Schulze, C., 2004; Assessment Report on the FAR -TP Project, for Thor Explorations Ltd., Assessment Report 094456, Dawson Mining District.
- Schulze, C., 2005; Geological Mapping and Soil Geochemical Sampling Assessment Report on the FAR -TP Project, for Thor Explorations Ltd., Assessment Report 094602, Dawson Mining District.

Schulze, C.M. 2003: Progress Report and Year-2003 Results on the FAR -TP Project, Thor Explorations Ltd. NI 43-101-compliant report for Thor Explorations Ltd.

Stephens, J.R., Mair, J.L., Oliver, N.H.S., Hart, C.J.R, Baker, T, 2003: Structural and mechanical controls on intrusion-related deposits of the Tombstone Gold Belt, Yukon, Canada, with comparisons to other vein-hosted ore-deposit types; submitted to: Journal of Structural Geology.

# APPENDIX I

## RC and BEE Claims Claim List



**RC Gold Project**  
**RC and Bee Claims List**

Grant No.	Name	No.	Owner	Expiry	NTS
YD86421	RC	1	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86422	RC	2	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86423	RC	3	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86424	RC	4	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86425	RC	5	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86426	RC	6	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86427	RC	7	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86428	RC	8	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86429	RC	9	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86430	RC	10	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86431	RC	11	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86432	RC	12	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86433	RC	13	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86434	RC	14	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86435	RC	15	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86436	RC	16	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86437	RC	17	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86438	RC	18	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86439	RC	19	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86440	RC	20	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86441	RC	21	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86442	RC	22	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86443	RC	23	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86444	RC	24	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86445	RC	25	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86446	RC	26	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86447	RC	27	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86448	RC	28	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86449	RC	29	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86450	RC	30	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86451	RC	31	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86452	RC	32	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86453	RC	33	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86454	RC	34	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86455	RC	35	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86456	RC	36	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86457	RC	37	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86458	RC	38	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86459	RC	39	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86460	RC	40	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86461	RC	41	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86462	RC	42	Fox Exploration Limited - 100%	29-Sep-2022	115P14

Grant No.	Name	No.	Owner	Expiry	NTS
YD86463	RC	43	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86464	RC	44	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86465	RC	45	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86466	RC	46	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86467	RC	47	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86468	RC	48	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86469	RC	49	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86470	RC	50	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86471	RC	51	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86472	RC	52	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86473	RC	53	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86474	RC	54	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86475	RC	55	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86476	RC	56	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86477	RC	57	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86478	RC	58	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86479	RC	59	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86480	RC	60	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86481	RC	61	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86482	RC	62	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86483	RC	63	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86484	RC	64	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86485	RC	65	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86486	RC	66	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86487	RC	67	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86488	RC	68	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86489	RC	69	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86490	RC	70	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86491	RC	71	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD86492	RC	72	Fox Exploration Limited - 100%	29-Sep-2022	115P14
YD61317	Bee	9	William Mann - 100%	16-Oct-2023	115P14
YD61318	Bee	10	William Mann - 100%	16-Oct-2023	115P14
YD61319	Bee	11	William Mann - 100%	16-Oct-2023	115P14
YD61320	Bee	12	William Mann - 100%	16-Oct-2023	115P14
YD61321	Bee	13	William Mann - 100%	16-Oct-2023	115P14
YD61322	Bee	14	William Mann - 100%	16-Oct-2023	115P14
YD61323	Bee	15	William Mann - 100%	16-Oct-2023	115P14
YD61324	Bee	16	William Mann - 100%	16-Oct-2023	115P14
YD61325	Bee	17	William Mann - 100%	16-Oct-2023	115P14
YD61326	Bee	18	William Mann - 100%	16-Oct-2023	115P14
YD61327	Bee	19	William Mann - 100%	16-Oct-2023	115P14
YD61328	Bee	20	William Mann - 100%	16-Oct-2023	115P14
YD61329	Bee	21	William Mann - 100%	16-Oct-2023	115P14
YD61330	Bee	22	William Mann - 100%	16-Oct-2023	115P14
YD61331	Bee	23	William Mann - 100%	16-Oct-2023	115P14
YD61332	Bee	24	William Mann - 100%	16-Oct-2023	115P14

<b>Grant No.</b>	<b>Name</b>	<b>No.</b>	<b>Owner</b>	<b>Expiry</b>	<b>NTS</b>
YD61309	Bee	1	William Mann - 100%	16-Oct-2024	115P14
YD61310	Bee	2	William Mann - 100%	16-Oct-2024	115P14
YD61311	Bee	3	William Mann - 100%	16-Oct-2024	115P14
YD61312	Bee	4	William Mann - 100%	16-Oct-2024	115P14
YD61313	Bee	5	William Mann - 100%	16-Oct-2024	115P14
YD61314	Bee	6	William Mann - 100%	16-Oct-2024	115P14
YD61315	Bee	7	William Mann - 100%	16-Oct-2024	115P14
YD61316	Bee	8	William Mann - 100%	16-Oct-2024	115P14

## APPENDIX II

Geological Mapping Memo  
JP Exploration Ltd.

## MEMORANDUM

**TO:** GERRY CARLSON  
**FROM:** JEAN PAUTLER, P. GEO.  
**SUBJECT:** RC PROJECT MAPPING & PROSPECTING  
**DATE:** 08/31/2018  
**CC:**

---

### 1.0 INTRODUCTION

This memo summarizes 3 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 4 to 6, 2018 from a road accessible camp situated at 395114mE, 7080720mN, Nad 83, zone 8, with mobilization on August 3 and demobilization on August 7. A total of 18 rock samples were collected from the property. The program was hampered by high winds, fog and rain. Sample descriptions with locations and select results are shown in Table 1, with geology and sample locations shown in Figures 1-2. Control was provided by GPS and reported in Nad 83, zone 8 projection. Photographs have been sent separately.

Mapping focused on three areas: the Bee South grid area to evaluate a strong northeast trending gold-silver-antimony soil anomaly; the Far grid area to investigate a linear northeast trending gold soil anomaly; and the extension of a strong gold soil anomaly in between the two grid areas from the adjoining Clear Creek Project of Victoria Gold Corp.

Topo Canada and Geomatics Yukon maps are not accurate for this area, which show locations 30m west and about 90m south of the actual topographic location. This makes referencing and locating soil anomalies based on topography unreliable and actual coordinates of the sample sites should be used. The Canvec maps, used in Figures 1 and 2, were found to be more accurate and can be downloaded at [http://ftp.geogratis.gc.ca/pub/nrcan\\_rncan/vector/canvec/archive/canvec\\_archive\\_20130515/50k\\_shp](http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/canvec/archive/canvec_archive_20130515/50k_shp).

### 2.0 EXPLORATION

A number of quartz-arsenopyrite veins occur within the Bee South gold-silver-antimony soil anomaly area, with soil values to 309 ppb Au (*Figure 1*). The veins range up to 40 cm as talus boulders and contain various sulphides including pyrite, arsenopyrite, possible stibnite and a black sooty mineral that may be a silver mineral (samples S054721 to S054723). Vein trends appear to be north-northeast. Other veins were sampled 75m and 150m further south (samples S054724 with 3% pyrite and S054719-20 with arsenopyrite and some pyrite, respectively). The 309 ppb Au soil anomaly is in a broad gully, so could be sourced from several veins. Chloritic phyllite dominates in the area with sericite alteration proximal to the veins.

The anomaly on Victoria Gold Corp.'s ground appears to be related to a 1m wide vein (Big Vein) that can be followed for at least 200m (*Figures 1 and 2*). The trend appears to be 060-065°, but float trains trended 080°, lower on the slope. The vein appears to be interrupted by a 5m wide 345° trending fault indicated by a gossanous breccia zone, which may be a splay of the northerly trending Big Creek fault. Approximately 300m at 060° from the exposure of the Big Vein along the north trending ridge 35 cm quartz talus boulders with oxidized sulphide and possible arsenopyrite were observed following a 060° trend (sample S054735). This may possibly represent the extension of the Big Vein.

Another vein was found as talus boulders up to 1m in size, traced along a 080° trend (samples S054733 and S054736), which may be a splay or the actual continuation of the Big Vein. Another quartz vein is exposed as talus boulders up to 1 by 1.5m in size along a north-northwest to northwest trend, perpendicular to the predominant east-northeasterly trends. A chargeability high from the 2018 IP survey coincides with the area of the intersection of the latter two veins. Host rock consists of micaceous quartzite in the western vein exposures with chloritic phyllite lower down and minor marble near the contact between the two units.

Another chargeability high occurs about 400m north of the above-mentioned high, forming a 400m wide zone in the inversion sections of high chargeability that may have a 120° trend from Line 1 to Line 2. This does not conform to vein orientations in the Big Vein area, but does align with a significant fault and the Mann Vein to the east. This vein may continue 1 km to the southeast, along trend, to another vein/gossan zone. Alternatively there may be a 400m dextral offset of the chargeability high anomaly along the Big Creek fault.

A number of veins (possibly 3 to 4 exposed as 20-35 cm sized talus blocks) occur along the Far grid gold soil anomaly over an 850m extent and possible 100m width (samples S054726 to S054732) (*Figure 2*). Veins trend 060° with some 090° trends. Larger talus blocks (to 0.5m) with tourmaline are evident in the central anomaly area (sample S054730). The veins cut hornfelsed and calc-silicate altered stratigraphy further east (samples S054726 to S054728). Numerous sheeted veins occur 150m north of this zone (including sample S054725), but they do not correspond to soil or IP anomalies, and were probably well sampled previously due to better access, proximal to the ridgeline. These veins have been discontinuously traced over a 500m extent at a 065° trend.

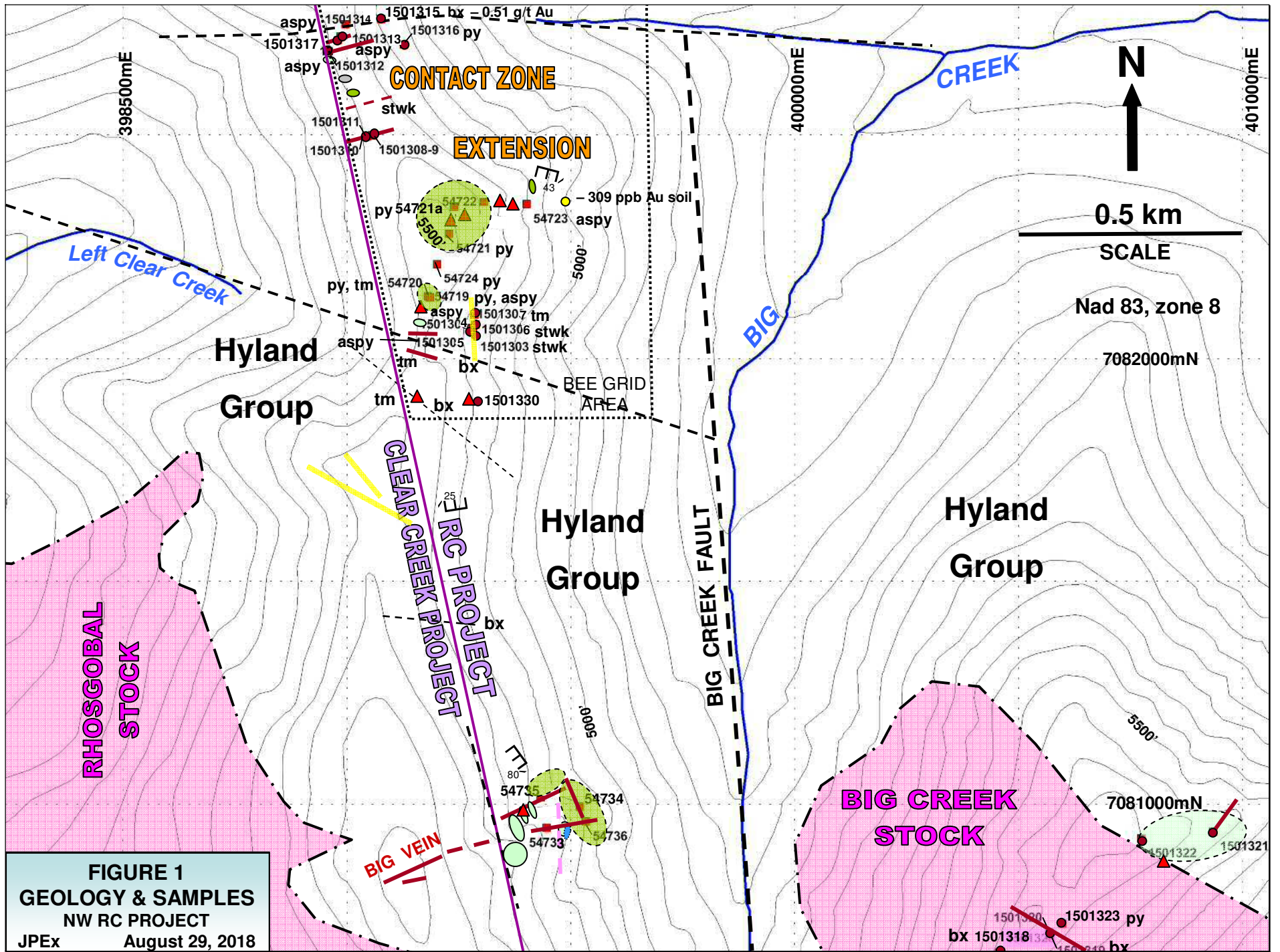
The veins within the Far grid area do not correspond to chargeability high anomalies obtained in the 2018 IP survey. However an IP anomaly occurs at the south end of the two IP lines spaced 400m apart at the southern end of the Far grid, the eastern end of which appears to lie 500m along a 255° trend of the apparently unsampled quartz-arsenopyrite veins shown in Mann (2011) and in Figure 2. This would assume no offset along the Big Creek fault.

Respectfully submitted,

---

Jean Pautler, P.Geo.  
August 31, 2018

Appendix I: 2018 Rock Sample Descriptions					RC PROJECT		Jean Pautler
SAMPLE NUMBER	GENERAL LOCATION	NAD 83 Zone 8		ELEV. (m)	TYPE	DESCRIPTION	
		EASTING	NORTHING				
S054719	Bee grid	399180	7082138	1649	grab	rusty weathering quartz vein talus to 25 cm, with oxidized cubic pyrite and boxwork, arsenopyrite as aggregates, minor scorodite, lim fracture fillings, hosted by sericite-limonite altered phyllite; above 768.3 ppb Au in soil	
S054720	Bee grid	399185	7082136	1648	grab	banded quartz veins and stockwork in talus with few to 7 mm wide 2nd order quartz veins with tourmaline clots, oxidized cubic pyrite and boxwork, possible arsenopyrite, most talus 10-20 cm in sericite-chlorite phyllite; above 768.3 ppb Au in soil	
S054721	Bee grid	399228 399239	7082279 7082340	1671 1650	grab	composite of rusty weathering quartz vein talus boulders up to 40 cm with limonitic fracture fillings oxidized cubic pyrite and boxwork, minor black sooty mineral, cutting sericite-chlorite phyllite, above 309 ppb Au in soil	
S054722	Bee grid	399306	7082351	1617	grab	milky white quartz vein talus to 30 cm with grey patches - possible arsenopyrite, minor limonitic fracture fillings, cutting sericite-chlorite phyllite, above 309 ppb Au in soil	
S054723	Bee grid	399401	7082346	1562	grab	30 cm talus blocks of quartz vein and intensely silicified wallrock (qte?), with limonite and hematite fracture fillings arsenopyrite on fractures, slickensides; above 309 ppb Au in soil	
S054724	Bee grid	399201	7082211	1664	grab	quartz veins in talus to 30 cm, with few mm wide 2nd order quartz veinlets, limonitic fracture fillings with goethite knots, 3% oxidized cubic pyrite and fresh pyrite as cubes and aggregates, trace arsenopyrite?; above 768.3 ppb Au in soil	
S054725	Far grid	399336	7080054	1780	grab	white quartz vein talus to 20 cm with limonite and hematite fracture fillings, some tourmaline-chlorite veinlets. Minor few mm wide crosscutting quartz veinlets, cutting silicified phyllite	
S054726	Far grid	399706	7079967	1704	grab	intensely rusty quartz veins in talus with arsenopyrite, minor pyrite, trace chalcopryite?, in silicified, banded phyllite, some limonite vugs	
S054727	Far grid	399715	7079949	1692	grab	quartz veins with rounded clasts of epidote altered limy? phyllite with chalcopryite and pyrhotite, possible arsenopyrite, biotite hornfels host	
S054728	Far grid	399702	7079995	1719	grab	white to smoky quartz vein talus to 35 cm, trending 090, with limonite and hematite fracture fillings, cutting biotite hornfels	
S054729	Far grid	399600	7079972	1705	grab	grey to white quartz, some vuggy, limonite fracture fillings, in fault zone	
S054730	Far grid	399597	7079954	1700	grab	large quartz boulders to 50 cm, overall grey quartz with tourmaline, pyrite, arsenopyrite, rusty fracture fillings, 1% oxidized cubic pyrite and fresh pyrite, in talus between area of outcrops	
S054731	Far grid	399598	7079972	1707	grab	rusty, brecciated quartz in rusty talus to 10 cm with stong limonite, some hematite; fault zone	
S054732	Far grid	399494	7079892	1721	grab	white quartz vein boulders to 35 cm with grey patches, lots limonite fracture fillings, some goethite knots	
S054733	Bee grid	399446	7080947	1615	grab	milky white, some smoky, quartz vein boulder talus to 1m at 425058 soil location, with grey patches - possible arsenopyrite, possible sphalerite, rare chloritic wallrock (phyllite) clasts, possible 060 or maybe 080 trend	
S054734	Bee grid	399520	7080996	1566	grab	milky white quartz vein boulder talus to 1 by 1.5 m with grey patches - possible arsenopyrite, lots limonitic fracture fillings with goethite knots, and clay altered pathes to 1 cm, minor chloritic wallrock (phyllite) clasts, possible NNW or NW trend	
S054735	Bee grid	399433	7081016	1582	grab	milky white quartz vein talus to 35 cm with grey patches - possible arsenopyrite, limonitic fracture fillings with goethite knots, some clay and chlorite altered wallrock clasts (phyllite) clasts, possible 060 float trend trend	
S054736	Bee grid	399533	7080961	1569	grab	composite over 20m of rusty fractured grey quartz, locally brecciated, chlorite altered	





## LEGEND for FIGURES 1 and 2

### SYMBOLS

- 2018 sample (e.g. 54731 = S054731)
- 2017 sample
- previous sample
- fault
- quartz vein
- inferred quartz vein
- ▲ quartz felsenmeer
- strike & dip of foliation

### ABBREVIATIONS

py	pyrite
po	pyrrhotite
aspy	arsenopyrite
tm	tourmaline
qtz	quartz
bx	breccia
stwk	stockwork

### GEOLOGY

- quartz porphyry dykes
- lamprophyre dyke

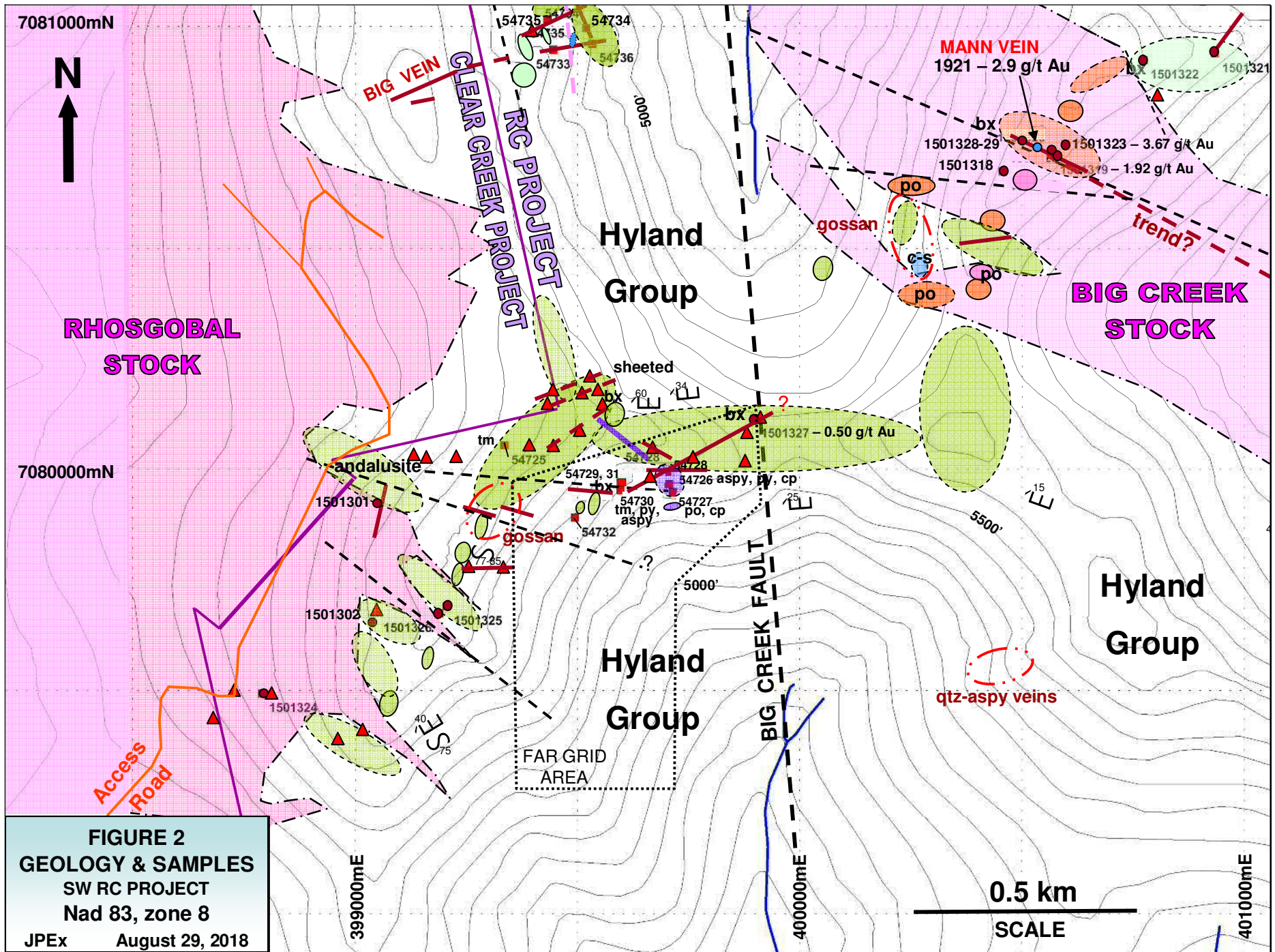
#### Late Cretaceous

##### Mayo suite intrusions

- quartz monzonite to granodiorite
- quartz diorite to diorite
- Mayo suite fine grained granodiorite dyke

#### Proterozoic - Cambrian

- Hyland Group metasedimentary rocks
- micaceous quartzite
- chloritic phyllite
- graphitic phyllite
- marble +/- calc-silicate
- biotite hornfels
- outcrop
- subcrop



## APPENDIX III

### Analytical Certificates Rock Samples



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**

Page: 1  
Total # Pages: 2 (A - C)  
Plus Appendix Pages  
Finalized Date: 30-SEP-2018  
Account: PARIEX

**CERTIFICATE WH18211504**

Project: RC

This report is for 18 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2018.

The following have access to data associated with this certificate:

GERRY CARLSON

**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

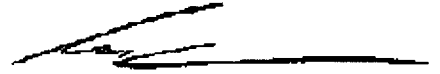
**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

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



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

Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-SEP-2018  
 Account: PARIEX

Project: RC

**CERTIFICATE OF ANALYSIS WH18211504**

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23	ME-ICP41	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	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S054719		1.54	0.005	0.3	0.10	576	<10	10	<0.5	<2	0.06	<0.5	2	15	21	1.21
S054720		2.19	<0.005	13.6	0.22	193	<10	10	<0.5	28	0.02	<0.5	1	13	21	1.11
S054721		2.18	<0.005	<0.2	0.38	45	<10	10	<0.5	<2	0.01	<0.5	3	14	14	1.34
S054722		1.35	<0.005	<0.2	0.06	12	<10	<10	<0.5	<2	0.01	<0.5	1	21	6	0.53
S054723		1.75	0.028	0.9	0.55	743	<10	30	<0.5	4	0.02	<0.5	3	15	13	1.42
S054724		1.30	<0.005	<0.2	0.25	90	<10	10	<0.5	<2	0.01	<0.5	4	20	12	0.89
S054725		1.86	<0.005	0.2	0.13	24	<10	10	<0.5	<2	<0.01	<0.5	1	10	8	0.90
S054726		2.24	0.149	0.2	1.85	13	<10	90	<0.5	8	1.17	<0.5	4	24	115	1.95
S054727		1.23	0.016	<0.2	0.62	15	<10	80	<0.5	<2	0.26	<0.5	3	21	31	1.49
S054728		2.09	<0.005	<0.2	0.21	24	<10	20	<0.5	<2	0.04	<0.5	2	17	7	0.75
S054729		0.86	<0.005	<0.2	0.14	3	<10	10	<0.5	<2	0.01	<0.5	1	18	6	0.75
S054730		2.38	0.010	26.1	0.20	1005	20	10	<0.5	45	0.01	0.9	2	18	32	1.05
S054731		0.79	0.110	0.4	0.39	48	<10	10	0.6	13	0.01	<0.5	3	11	51	5.54
S054732		2.56	0.024	0.2	0.14	12	<10	10	<0.5	<2	0.01	<0.5	1	14	10	0.87
S054733		3.17	<0.005	<0.2	0.23	2	<10	10	<0.5	<2	<0.01	<0.5	2	21	4	0.82
S054734		3.71	<0.005	<0.2	0.72	11	<10	20	<0.5	<2	0.02	<0.5	3	20	25	2.28
S054735		2.18	<0.005	<0.2	0.05	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	15	4	0.75
S054736		1.28	<0.005	<0.2	1.21	16	<10	30	<0.5	<2	<0.01	<0.5	2	11	42	3.52

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



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

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

Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-SEP-2018  
 Account: PARIEX

Project: RC

**CERTIFICATE OF ANALYSIS WH18211504**

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	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
S054719		<10	<1	0.03	<10	0.01	98	<1	<0.01	4	40	3	0.02	<2	<1	7
S054720		<10	<1	0.05	<10	0.01	63	<1	<0.01	3	60	375	0.02	3	1	5
S054721		<10	<1	0.03	10	0.13	117	<1	0.01	8	90	7	0.01	<2	1	4
S054722		<10	<1	0.01	<10	0.02	48	<1	<0.01	2	10	2	<0.01	<2	<1	1
S054723		<10	<1	0.08	10	0.20	113	<1	0.01	6	60	8	0.02	<2	1	7
S054724		<10	<1	0.05	10	0.07	70	<1	0.01	7	80	8	0.01	<2	<1	7
S054725		<10	<1	0.04	10	<0.01	42	1	<0.01	2	70	2	0.01	<2	<1	<1
S054726		10	<1	0.24	10	0.21	200	<1	0.16	7	270	4	0.44	<2	2	95
S054727		<10	<1	0.29	10	0.22	199	<1	0.01	5	80	3	0.10	<2	1	9
S054728		<10	<1	0.07	<10	0.06	130	<1	0.01	6	100	<2	0.01	<2	<1	3
S054729		<10	<1	0.03	<10	0.01	47	<1	<0.01	<1	50	2	<0.01	<2	<1	4
S054730		<10	<1	0.05	10	0.01	57	<1	0.01	6	150	579	0.14	<2	1	6
S054731		<10	<1	0.01	<10	<0.01	58	14	<0.01	15	250	13	0.01	9	1	<1
S054732		<10	<1	0.04	<10	0.03	61	<1	<0.01	2	60	4	<0.01	<2	<1	1
S054733		<10	<1	0.04	<10	0.07	80	<1	<0.01	2	50	6	<0.01	<2	<1	3
S054734		<10	<1	0.11	10	0.11	68	<1	<0.01	7	330	14	0.01	2	1	5
S054735		<10	<1	0.01	<10	0.01	46	<1	<0.01	1	50	3	0.01	<2	<1	1
S054736		10	<1	0.12	<10	0.57	92	<1	<0.01	5	350	22	0.01	2	1	2

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



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

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

Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-SEP-2018  
 Account: PARIEX

Project: RC

**CERTIFICATE OF ANALYSIS WH18211504**

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
S054719		<20	<0.01	<10	<10	1	<10	17
S054720		<20	<0.01	<10	<10	2	<10	50
S054721		<20	<0.01	<10	<10	4	<10	24
S054722		<20	<0.01	<10	<10	1	<10	8
S054723		<20	0.01	<10	<10	6	20	22
S054724		<20	<0.01	<10	<10	3	<10	13
S054725		<20	<0.01	<10	<10	<1	<10	4
S054726		<20	0.07	<10	<10	15	260	16
S054727		<20	0.04	<10	<10	10	10	15
S054728		<20	0.01	<10	<10	3	<10	9
S054729		<20	<0.01	<10	<10	2	<10	4
S054730		<20	<0.01	<10	<10	2	<10	161
S054731		<20	<0.01	<10	<10	6	<10	44
S054732		<20	<0.01	<10	<10	2	<10	5
S054733		<20	<0.01	<10	<10	3	<10	8
S054734		<20	<0.01	<10	<10	10	<10	26
S054735		<20	<0.01	<10	<10	1	<10	4
S054736		<20	<0.01	<10	<10	14	<10	49

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



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

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

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 30-SEP-2018  
Account: PARIEX

Project: RC

**CERTIFICATE OF ANALYSIS WH18211504**

**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-AA23	ME-ICP41		



# APPENDIX IV

## Master Spreadsheet Soil Samples

## RC Property Soils Master

Tag Number	Easting	Northing	Waypoint	Sampler	Notes
425051	399381	7081288	A2	R. Coe	30cm, dark brwn, lousse w soil
425052	399389	7081239	002	R. Coe	35cm, very rocky, brown
425053	399400	7081191	003	R. Coe	20cm, very rocky, talus fines
425054	399410	7081143	004	R. Coe	soil under moss, 5-20cm, brown
425055	399417	7081094	005	R. Coe	lousse, little soil, 25-50 cm, brown, poor sample
425056	399429	7081046	006	R. Coe	25-50cm, brown, some lousse but mostly soil, good sample
425057	399438	7080993	007	R. Coe	10-30cm, talus fines and soil, brwn
425058	399448	7080945	008	R. Coe	same
425059	399467	7080847	010	R. Coe	light brown soil with talus fines, 10-40cm (No sample at 009 - boulder field, no soil)
425060	399476	7080797	011	R. Coe	5-30cm, light brown w orange bits, good soil
425061	399484	7080749	012	R. Coe	lt brown, 5-20cm, good soil
425062	399495	7080700	013	R. Coe	15-30cm, light brown, good soil
425063	399504	7080650	014	R. Coe	15-30cm, light brown, good soil
425064	399514	7080600	015	R. Coe	15-30cm, light brown, good soil
425065	399524	7080552	016	R. Coe	15-30cm, light brown, good soil
425066	399535	7080504	017	R. Coe	15-30cm, light brown, good soil
425067	399542	7080452	018	R. Coe	very loussey, moss on rock, 50cm pit dug, poor sample
425068	399552	7080405	019	R. Coe	10-35cm, brown, good soil
425069	399561	7080355	020	R. Coe	lousse with talus fines, light brown, 30cm
425070	399577	7081326	C2	R. Coe	moss on rocks with some soil, 20-40cm, steep talus slope lots of rocks
425071	399586	7081276	021	R. Coe	very sandy grain soil, light brown, 15-30cm
425072	399596	7081228	022	R. Coe	lousse with some grit, light brown, 40-55cm
425073	399604	7081179	023	R. Coe	very coarse, brown, 10-40cm
425074	399615	7081132	024	R. Coe	poor sample, scraped off rock under moss, lousse with some grit, very small sample gathered
425075	399624	7081082	025	R. Coe	5-15cm talus fines
425076	399634	7081033	026	R. Coe	10-25cm, lousse with some grit light brown
425077	399645	7080983	027	R. Coe	lousse with talus fines under moss on rocks, 5-25cm brown
425078	399651	7080935	028	R. Coe	lousse with talus fines under moss on rocks, 5-25cm brown
425079	399663	7080885	029	R. Coe	very small sample scraped off rocks udner moss, talus fines with soil 10-25cm
425080	399673	7080837	030	R. Coe	20-50cm, lousse with soil and rock chips light brown
425081	399681	7080786	031	R. Coe	10-20cm, brown, sandy grain with coarse and talus fines
425082	399690	7080738	032	R. Coe	boulder field, scraped soil off rocks under moss, light brown, 5-20cm
425083	399703	7080677	033	R. Coe	5-10cm, light brown, coarse, 12m south of station because large boulders
425084	399711	7080640	034	R. Coe	5-15cm, good soil, coarse material brown with orange
425085	399720	7080591	035	R. Coe	talus fines with soil, light brown 5-10cm
425086	399730	7080541	036	R. Coe	10-30cm, light brown, good soil
425087	399740	7080492	037	R. Coe	10-35cm, light brown, good soil
425088	399748	7080444	038	R. Coe	10-35cm, brown, good soil
425089	399768	7080345	040	R. Coe	talus fines, very rocky, brown (No sample at 039 - only moss on boulders)
425090	399572	7080306	042	R. Coe	15-40cm brown lousse and soil and talus fines
425091	399581	7080258	043	R. Coe	15-40cm brown lousse and soil and talus fines
425092	399601	7080158	045	R. Coe	talus fines with lousse and soil 15-40cm (No sample at 044 - only rocks)
425093	399610	7080110	A1	R. Coe	talus fines with gritty soil light brown 10-30cm
425094	399708	7080129	B1	R. Coe	talus fines with gritty soil light brown 10-30cm
425095	399699	7080179	046	R. Coe	talus fines with gritty soil light brown 10-30cm
425096	399689	7080229	047	R. Coe	talus fines 30 cm
425097	399680	7080277	048	R. Coe	very steep talus fines
425098	399669	7080326	049	R. Coe	very steep talus fines
425099	399778	7080296	050	R. Coe	10-30cm light brown, good material, flatter area now
425100	399786	7080247	051	R. Coe	10-30cm light brown, good material
425101	399797	7080198	052	R. Coe	good soil, light brown, 10-30cm
425102	399806	7080148	C1	R. Coe	5-40cm, light brown, good soil, with rocks and fines
425103	399904	7080167	D1	R. Coe	5-40cm, light brown, good soil w rocks and fines
425104	399875	7080315	055	R. Coe	poor sample, lousse under moss on rocks (No sample at 053 and 054 - loess under moss on rocks)
425105	399866	7080364	056	R. Coe	10-40cm, light brown, gritty soil with lousse and rock chips
425106	399856	7080412	057	R. Coe	rock slide area, scrapped very small sample off rocks under moss, couple table spoons worth..
425107	399847	7080462	058	R. Coe	10-25cm, fines with good gritty soil, light brown,
425108	399992	7080235	059	R. Coe	good soil, brown, 10-20cm
425109	400002	7080186	E1	R. Coe	lousse under grass on rocks, poor sample, 20-45cm
425151	399479	7081307	B2	A. Lane	40 cm deep, Brown grit, steep talus slope
425152	399489	7081257	13	A. Lane	40 cm, brown grit, some organic, steep talus slope
425153	399499	7081210	14	A. Lane	40 cm, Brown grit, steep talus slope
425154	399510	7081156	15	A. Lane	40 cm, Brown grit, steep talus slope
425155	399514	7081116	16	A. Lane	30 cm, Brown grit, steep talus slope
425156	399520	7081061	17	A. Lane	30 cm, Brown grit, steep talus slope
425157	399539	7081009	18	A. Lane	30 cm, Brown grit, steep talus slope

Tag Number	Easting	Northing	Waypoint	Sampler	Notes
425158	399547	7080963	19	A. Lane	30 cm, Brown grit, steep talus slope
425159	399553	7080912	20	A. Lane	40 cm, Brown grit, steep talus slope
425160	399564	7080867	21	A. Lane	20 cm, brown grit, steep talus slope, small dirt patch middle of boulder field
425161	399568	7080815	22	A. Lane	30 cm deep, brown grit dirt and talus rock, also a lot of quartz rock in sample hole
425162	399582	7080772	23	A. Lane	40 cm, brown dirt, some organic, lots of quartz rock in sample hole
425163	399598	7080719	24	A. Lane	30 cm, brown and rocky, on ridge with large boulders
425164	399606	7080671	25	A. Lane	40 cm, brown grit, steep slope
425165	399601	7080629	26	A. Lane	40 cm, brown grit, steep slope
425166	399623	7080570	27	A. Lane	30 cm deep, brown and organic dirt, steep talus slope
425167	399630	7080518	28	A. Lane	30 cm, Brown grit, steep talus slope
425168	399637	7080476	29	A. Lane	30 cm, Brown grit, steep talus slope
425169	399658	7080428	30	A. Lane	30 cm, Brown grit, steep talus slope
425170	399657	7080372	31	A. Lane	40 cm deep, Brown grit, steep talus slope
425171	399675	7081345	D2	A. Lane	30 cm, Brown grit, steep talus slope
425172	399681	7081288	32	A. Lane	30 cm, Steep talus slope, brown grit, rocky sample
425173	399689	7081246	33	A. Lane	40 cm, organic and grey dirt, steep talus slope, lots of quartz rock, hard to sample
425174	399702	7081195	34	A. Lane	40 cm Brown grit, steep talus slope, lots of quartz rock
425175	399714	7081138	35	A. Lane	20 cm, brown grit, steep talus slope
425176	399717	7081104	36	A. Lane	30 cm, brown grit, steep slope, lots of quartz rock
425177	399731	7081053	37	A. Lane	30 cm, brown grit, steep slope, dark red colour in some rocks
425178	399737	7081003	38	A. Lane	35 cm, brown grit, steep talus slope
425179	399749	7080950	39	A. Lane	35 cm, brown grit, steep talus slope
425180	399758	7080903	40	A. Lane	35 cm, brown grit, very rocky, steep talus slope
425181	399765	7080855	41	A. Lane	35 cm, brown grit, very rocky, steep talus slope
425182	399779	7080807	42	A. Lane	35 cm, brown grit, very rocky, steep talus slope
425183	399790	7080756	43	A. Lane	35 cm, brown grit, very rocky, steep talus slope
425184	399808	7080658	45	A. Lane	40 cm, brown grit close to the bottom of valley (no sample at WP44, dug 40cm just rocks no dirt/soil)
425185	399817	7080610	46	A. Lane	40 cm, brown grit close to the bottom of valley
425186	399823	7080557	47	A. Lane	30 cm, light brown grit, middle of steep talus slope
425187	399839	7080511	48	A. Lane	30 cm, light brown grit, middle of steep talus slope
425188	399773	7081364	E2	A. Lane	40 cm, brown grit, valley bottom
425189	399779	7081317	49	A. Lane	40 cm, brown soft dirt, louse?, valley bottom
425190	399785	7081262	50	A. Lane	25 cm, brown talus chips and dirt, steep slope, middle of talus field
425191	399804	7081222	51	A. Lane	25 cm, brown talus chips and dirt, steep slope, middle of talus field
425192	399809	7081169	52	A. Lane	40 cm, brown grit, steep talus slope
425193	399820	7081120	53	A. Lane	40 cm, brown and organic mix, Steep moss covered slope close to valley bottom and creek
425194	399830	7081074	54	A. Lane	30 cm, brown grit, steep talus slope, close to valley bottom
425195	399842	7081024	55	A. Lane	30 cm, brown grit, steep talus slope, close to valley bottom
425196	399851	7080975	56	A. Lane	30 cm, brown grit and lots of small pebbles, valley bottom close to river
425197	399856	7080924	57	A. Lane	20 cm, brown grit and lots of small pebbles, valley bottom close to river
425198	399872	7080873	58	A. Lane	40 cm, brown dirt, some red and grey colours in dirt, Valley bottom, 10m away from creek
425199	399878	7080828	59	A. Lane	30 cm, brown soft dirt, valley bottom, 20 M uphill of creek
425200	399886	7080777	60	A. Lane	30 cm, brown soft dirt mixed with pebbles, steep talus slope, 20 M uphill of creek
425201	399898	7080727	61	A. Lane	30 cm, brown soft dirt, steep grassy area, wet area
425202	399907	7080680	62	A. Lane	30 cm, soft brown dirt, steep grassy area, near valley bottom
425203	399918	7080629	63	A. Lane	30 cm, soft brown dirt, louse?
425204	399924	7080581	64	A. Lane	35 cm, brown grit, steep grassy and talus slope
425205	399938	7080528	65	A. Lane	25 cm, brown grit, steep grassy slope, 20 M uphill of river
425206	399945	7080482	66	A. Lane	40 cm, brown grit, steep slope, 10 M above river
425207	399950	7080435	67	A. Lane	30 cm, brown grit, top of creek in valley
425208	399961	7080384	68	A. Lane	30 cm, brown grit, top of creek in valley, grassy area
425209	399984	7080285	70	A. Lane	30 cm, brown grit, very gritty, top of valley (no sample at WP69, just louse on rocks)

# APPENDIX V

## Summary Results Soil Samples

Sample No.	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	Zn-ppm
W425051	0.006	0.2	46	1	27	1	28	2	79
W425052	0.012	0.1	27	1	32	1	16	4	64
W425053	0.006	0.6	20	1	45	2	20	2	66
W425054	0.006	0.2	27	1	49	2	19	2	76
W425055	0.006	0.3	48	1	63	2	26	2	90
W425056	0.007	0.3	54	1	53	1	14	1	75
W425057	0.013	0.4	47	1	59	2	20	1	90
W425058	0.009	0.2	22	1	68	1	19	1	89
W425059	0.009	0.3	13	2	39	1	15	2	59
W425060	0.001	0.6	30	1	41	2	14	3	59
W425061	0.006	0.3	87	1	41	2	13	2	42
W425062	0.003	0.3	36	1	42	5	18	2	55
W425063	0.003	0.2	62	1	44	5	13	2	67
W425064	0.006	0.3	186	1	59	4	13	2	64
W425065	0.022	0.6	34	1	57	5	22	1	85
W425066	0.039	1.5	57	1	45	3	50	4	107
W425067	0.006	0.5	27	1	48	5	19	3	88
W425068	0.032	0.4	44	1	45	4	16	5	75
W425069	0.008	0.3	41	1	45	4	17	3	92
W425070	0.006	1.0	17	1	47	1	19	2	87
W425071	0.005	0.2	19	1	34	1	14	2	72
W425072	0.005	0.2	21	1	37	1	15	2	77
W425073	0.009	0.4	25	1	35	1	15	2	71
W425074	0.006	0.2	42	1	33	1	14	1	73
W425075	0.021	0.1	22	1	58	2	20	2	88
W425076	0.008	0.4	52	1	53	1	21	1	73
W425077	0.017	0.2	26	1	50	1	17	1	77
W425078	0.011	0.6	52	1	40	3	14	1	76
W425079	0.006	0.4	60	1	39	3	13	1	63
W425080	0.015	0.5	58	1	31	1	19	1	69
W425081	0.003	0.1	56	1	27	1	10	2	55
W425082	0.007	0.9	48	1	38	2	8	2	53
W425083	0.006	0.5	220	1	43	2	21	1	68
W425084	0.012	0.6	70	1	43	3	25	4	80
W425085	0.009	1.2	144	1	63	3	40	1	95
W425086	0.016	42.5	175	1	89	2	834	33	262
W425087	0.024	0.5	92	1	59	2	23	1	115
W425088	0.015	2.6	125	1	50	2	52	3	112
W425089	0.009	2.2	78	1	66	4	50	3	95
W425090	0.017	0.3	15	1	38	4	12	2	86
W425091	0.023	3.0	35	1	64	4	85	3	165
W425092	0.005	0.3	50	1	54	5	15	3	58
W425093	0.024	0.9	1135	1	96	3	60	3	261
W425094	0.006	0.3	30	1	70	2	21	1	103
W425095	0.011	0.6	87	1	58	2	30	2	79
W425096	0.02	4.6	94	1	68	2	82	4	142

Sample No.	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	Zn-ppm
W425097	0.011	4.8	29	2	62	3	125	4	115
W425098	0.024	3.6	56	2	53	4	118	2	155
W425099	0.074	0.4	624	4	112	1	25	2	101
W425100	0.061	0.3	217	1	80	1	32	1	92
W425101	0.068	0.4	151	3	73	1	24	1	91
W425102	0.058	0.2	623	3	69	1	14	2	60
W425103	0.036	0.9	67	1	56	1	17	2	81
W425104	0.04	0.3	414	3	63	1	17	2	76
W425105	0.031	0.8	116	1	57	1	28	2	85
W425106	0.011	0.6	37	1	80	2	24	1	78
W425107	0.028	1.5	81	1	55	3	45	1	92
W425108	0.013	1.2	116	1	56	1	114	1	215
W425109	0.049	1.0	61	3	55	1	32	1	122
W425151	0.011	0.3	23	1	26	2	21	2	61
W425152	0.01	0.2	20	1	33	1	15	1	66
W425153	0.006	0.4	15	1	27	1	16	1	53
W425154	0.006	0.8	30	1	49	2	22	3	70
W425155	0.004	0.3	33	1	48	1	20	3	76
W425156	0.01	0.2	23	1	49	1	19	1	74
W425157	0.026	0.3	22	2	50	1	23	3	75
W425158	0.004	0.3	17	1	44	2	22	1	73
W425159	0.015	0.9	26	1	56	2	22	2	75
W425160	0.011	0.3	58	1	44	2	16	3	66
W425161	0.002	0.5	25	1	55	3	21	4	69
W425162	0.024	0.3	33	1	18	2	10	1	24
W425163	0.025	0.4	24	1	38	2	11	1	54
W425164	0.015	0.2	71	1	38	2	18	1	64
W425165	0.007	0.2	71	1	46	3	18	1	72
W425166	0.006	0.4	24	1	35	2	21	2	55
W425167	0.007	0.8	29	1	53	2	38	1	82
W425168	0.009	0.3	33	1	51	3	25	1	82
W425169	0.012	0.5	52	1	75	3	25	3	89
W425170	0.011	1.4	36	1	43	3	64	2	113
W425171	0.004	0.1	18	1	29	1	18	1	55
W425172	0.005	0.2	18	1	31	1	15	1	59
W425173	0.001	0.2	9	1	21	2	10	1	34
W425174	0.003	0.2	40	1	32	1	13	3	58
W425175	0.003	0.1	18	1	35	1	14	1	68
W425176	0.005	0.3	22	1	36	1	21	1	70
W425177	0.056	0.6	64	1	43	2	36	1	65
W425178	0.012	0.3	38	1	32	1	16	1	70
W425179	0.006	0.2	50	1	35	2	14	3	62
W425180	0.004	0.2	49	1	30	2	15	1	65
W425181	0.003	0.1	30	1	23	1	14	1	52
W425182	0.001	0.3	46	1	28	2	14	1	46
W425183	0.01	0.4	94	1	40	2	23	2	76

Sample No.	Au-ppm	Ag-ppm	As-ppm	Bi-ppm	Cu-ppm	Mo-ppm	Pb-ppm	Sb-ppm	Zn-ppm
W425184	0.011	0.4	61	1	41	3	27	2	87
W425185	0.009	9.9	75	1	58	2	160	8	101
W425186	0.012	0.3	40	1	52	2	22	1	94
W425187	0.016	1.9	43	1	43	2	44	2	97
W425188	0.001	0.2	20	1	26	1	14	1	53
W425189	0.002	0.3	22	1	34	1	17	1	71
W425190	0.004	0.1	20	1	29	1	13	1	74
W425191	0.008	0.2	36	1	43	1	16	2	77
W425192	0.003	0.1	38	1	36	2	21	3	66
W425193	0.004	0.2	39	1	23	2	17	1	49
W425194	0.019	0.3	53	1	24	1	18	1	64
W425195	0.008	0.3	44	1	34	1	15	2	78
W425196	0.011	1.0	105	1	37	3	19	1	69
W425197	0.015	4.6	86	1	48	2	100	3	107
W425198	0.032	1.1	498	5	32	1	38	1	103
W425199	0.051	0.9	711	5	56	2	32	1	114
W425200	0.023	0.7	533	3	43	2	29	1	89
W425201	0.009	1.1	80	1	41	1	31	1	101
W425202	0.006	0.3	81	1	38	2	20	1	89
W425203	0.011	0.3	88	1	38	1	17	1	82
W425204	0.02	0.8	181	2	33	1	35	1	93
W425205	0.022	0.2	195	2	32	2	16	1	76
W425206	0.024	0.3	91	1	38	1	20	2	73
W425207	0.011	0.5	42	1	41	1	22	1	80
W425208	0.032	1.8	89	1	42	1	72	1	183
W425209	0.017	1.1	88	1	46	2	92	1	187

## APPENDIX VI

### Analytical Certificates Soil Samples





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**

Page: 1  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 16-SEP-2018  
Account: PARIEX

**CERTIFICATE WH18202449**

Project: RC PROJECT

This report is for 118 Soil samples submitted to our lab in Whitehorse, YT, Canada on 18-AUG-2018.

The following have access to data associated with this certificate:

GERRY CARLSON

**SAMPLE PREPARATION**

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

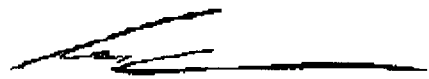
**ANALYTICAL PROCEDURES**

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

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



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

Page: 2 - A  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 16-SEP-2018  
 Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

Sample Description	Method Analyte Units LOD	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
W425051		0.55	0.006	0.2	1.97	46	<10	100	0.5	<2	0.09	<0.5	10	32	27	3.75
W425052		0.39	0.012	<0.2	1.04	27	<10	50	<0.5	<2	0.09	<0.5	10	25	32	3.55
W425053		0.54	0.006	0.6	1.68	20	<10	70	<0.5	<2	0.07	<0.5	13	29	45	4.02
W425054		0.42	0.006	0.2	1.61	27	<10	70	0.5	<2	0.07	<0.5	13	30	49	4.17
W425055		0.47	0.006	0.3	2.11	48	<10	110	0.6	<2	0.09	<0.5	18	35	63	5.10
W425056		0.50	0.007	0.3	1.44	54	<10	80	<0.5	<2	0.09	<0.5	16	28	53	4.52
W425057		0.63	0.013	0.4	1.72	47	<10	70	0.5	<2	0.12	<0.5	35	30	59	4.41
W425058		0.53	0.009	0.2	1.90	22	<10	90	0.5	<2	0.15	<0.5	40	34	68	4.59
W425059		0.58	0.009	0.3	0.91	13	<10	40	<0.5	2	0.04	<0.5	7	23	39	3.44
W425060		0.54	0.001	0.6	1.14	30	10	50	0.5	<2	0.03	<0.5	7	24	41	3.91
W425061		0.63	0.006	0.3	0.70	87	10	30	<0.5	<2	0.02	<0.5	7	17	41	3.33
W425062		0.53	0.003	0.3	1.16	36	10	60	0.5	<2	0.03	<0.5	13	24	42	3.36
W425063		0.53	0.003	0.2	1.61	62	10	90	0.6	<2	0.04	<0.5	13	29	44	4.17
W425064		0.53	0.006	0.3	1.74	186	10	90	0.6	<2	0.04	<0.5	21	34	59	4.86
W425065		0.53	0.022	0.6	1.87	34	10	110	0.7	<2	0.05	<0.5	16	33	57	5.67
W425066		0.54	0.039	1.5	1.76	57	10	100	0.7	<2	0.08	<0.5	16	33	45	5.23
W425067		0.26	0.006	0.5	1.80	27	10	90	1.0	<2	0.06	<0.5	15	31	48	5.36
W425068		0.44	0.032	0.4	1.65	44	10	60	0.6	<2	0.05	<0.5	17	32	45	5.25
W425069		0.49	0.008	0.3	1.85	41	<10	80	1.0	<2	0.07	<0.5	20	27	45	5.10
W425070		0.33	0.006	1.0	1.65	17	<10	100	0.5	<2	0.10	<0.5	16	28	47	4.88
W425071		0.51	0.005	0.2	1.22	19	<10	100	<0.5	<2	0.14	<0.5	12	23	34	3.49
W425072		0.47	0.005	0.2	1.56	21	<10	110	<0.5	<2	0.12	<0.5	11	28	37	3.84
W425073		0.55	0.009	0.4	1.42	25	<10	90	<0.5	<2	0.10	<0.5	12	28	35	3.99
W425074		0.18	0.006	0.2	1.50	42	<10	90	0.5	<2	0.11	<0.5	11	26	33	3.71
W425075		0.37	0.021	<0.2	1.91	22	<10	80	<0.5	<2	0.12	<0.5	15	36	58	5.42
W425076		0.49	0.008	0.4	1.70	52	<10	90	<0.5	<2	0.06	<0.5	7	33	53	5.26
W425077		0.48	0.017	0.2	1.65	26	<10	110	0.5	<2	0.10	<0.5	10	31	50	4.35
W425078		0.55	0.011	0.6	1.82	52	<10	70	0.5	<2	0.06	<0.5	13	31	40	4.43
W425079		0.34	0.006	0.4	1.27	60	<10	50	<0.5	<2	0.08	<0.5	10	27	39	3.66
W425080		0.47	0.015	0.5	1.17	58	<10	50	<0.5	<2	0.07	<0.5	8	24	31	3.50
W425081		0.41	0.003	<0.2	1.21	56	<10	50	<0.5	<2	0.05	<0.5	8	23	27	3.20
W425082		0.43	0.007	0.9	0.99	48	<10	40	0.5	<2	0.03	<0.5	9	21	38	3.98
W425083		0.45	0.006	0.5	1.45	220	<10	70	0.6	<2	0.03	<0.5	9	30	43	4.24
W425084		0.51	0.012	0.6	1.38	70	<10	50	0.5	<2	0.02	<0.5	16	30	43	4.81
W425085		0.56	0.009	1.2	2.07	144	<10	70	0.6	<2	0.04	<0.5	16	36	63	6.06
W425086		0.63	0.016	42.5	1.59	175	<10	40	0.6	<2	0.03	<0.5	12	26	89	5.75
W425087		0.52	0.024	0.5	2.04	92	<10	130	1.7	<2	0.18	<0.5	42	26	59	5.23
W425088		0.67	0.015	2.6	1.38	125	<10	80	0.6	<2	0.07	0.5	17	25	50	5.11
W425089		0.62	0.009	2.2	1.88	78	<10	90	0.7	<2	0.07	<0.5	21	40	66	5.81
W425090		0.61	0.017	0.3	1.41	15	<10	60	0.7	<2	0.07	<0.5	20	30	38	4.87

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



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

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

Page: 2 - B  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 16-SEP-2018  
 Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	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
W425051		10	<1	0.06	10	0.46	414	1	0.01	22	670	28	0.04	2	2	13
W425052		<10	<1	0.06	10	0.32	604	1	0.01	19	690	16	0.05	4	1	11
W425053		<10	1	0.08	20	0.37	516	2	0.01	21	1130	20	0.11	2	1	13
W425054		<10	<1	0.09	20	0.45	426	2	0.01	25	920	19	0.10	2	2	13
W425055		10	1	0.12	20	0.47	536	2	0.01	30	930	26	0.11	2	2	18
W425056		<10	1	0.10	20	0.38	391	1	0.02	30	840	14	0.11	<2	2	16
W425057		<10	<1	0.08	20	0.49	1120	2	0.02	45	1050	20	0.06	<2	2	19
W425058		10	1	0.09	20	0.51	1145	1	0.01	43	1290	19	0.08	<2	2	17
W425059		<10	1	0.05	30	0.22	194	1	<0.01	21	500	15	0.03	2	2	8
W425060		<10	<1	0.11	30	0.33	155	2	0.01	17	630	14	0.09	3	1	8
W425061		<10	<1	0.06	30	0.15	193	2	<0.01	15	420	13	0.02	2	2	6
W425062		<10	<1	0.14	30	0.33	389	5	0.01	21	550	18	0.07	2	2	8
W425063		10	<1	0.23	20	0.49	298	5	0.01	28	600	13	0.11	2	2	9
W425064		10	<1	0.36	30	0.58	520	4	0.02	27	900	13	0.16	2	2	15
W425065		10	<1	0.30	30	0.63	389	5	0.01	30	820	22	0.17	<2	3	14
W425066		10	<1	0.23	20	0.62	533	3	0.01	39	760	50	0.08	4	3	14
W425067		<10	<1	0.18	30	0.48	422	5	0.01	42	900	19	0.09	3	3	14
W425068		10	<1	0.11	20	0.50	485	4	<0.01	38	820	16	0.07	5	2	10
W425069		10	<1	0.11	30	0.42	723	4	0.01	38	1010	17	0.06	3	2	12
W425070		<10	<1	0.07	20	0.41	497	1	0.01	28	1000	19	0.07	2	1	15
W425071		<10	<1	0.06	20	0.38	370	1	<0.01	25	720	14	0.01	2	2	13
W425072		<10	<1	0.07	20	0.42	368	1	0.01	27	760	15	0.04	2	2	13
W425073		<10	<1	0.08	20	0.38	418	1	0.01	25	760	15	0.04	2	2	13
W425074		<10	<1	0.07	10	0.37	380	1	0.01	26	700	14	0.05	<2	2	12
W425075		10	<1	0.09	20	0.62	566	2	0.02	27	1220	20	0.07	2	3	16
W425076		10	<1	0.16	20	0.60	220	1	0.01	18	770	21	0.08	<2	3	12
W425077		<10	<1	0.13	20	0.54	310	1	0.01	24	770	17	0.07	<2	2	16
W425078		10	<1	0.10	20	0.51	470	3	<0.01	25	900	14	0.05	<2	2	11
W425079		<10	<1	0.14	20	0.44	328	3	0.01	24	790	13	0.07	<2	2	12
W425080		<10	<1	0.10	20	0.38	211	1	<0.01	23	540	19	0.03	<2	2	9
W425081		<10	<1	0.09	20	0.35	157	1	<0.01	18	460	10	0.03	2	1	7
W425082		<10	1	0.10	30	0.28	222	2	<0.01	19	660	8	0.04	2	2	5
W425083		<10	<1	0.22	30	0.49	205	2	<0.01	23	560	21	0.08	<2	2	8
W425084		<10	<1	0.23	30	0.49	355	3	<0.01	31	510	25	0.06	4	3	7
W425085		10	<1	0.10	30	0.76	428	3	<0.01	33	800	40	0.06	<2	2	11
W425086		<10	<1	0.07	30	0.59	237	2	<0.01	28	540	834	0.05	33	2	7
W425087		10	<1	0.32	40	0.68	1205	2	0.01	73	1080	23	0.04	<2	4	26
W425088		<10	<1	0.10	30	0.47	444	2	<0.01	35	720	52	0.04	3	3	13
W425089		10	<1	0.19	30	0.57	543	4	0.01	36	1000	50	0.11	3	4	17
W425090		<10	<1	0.16	20	0.51	646	4	<0.01	38	730	12	0.04	2	3	10

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



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

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

Page: 2 - C  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 16-SEP-2018  
 Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
W425051		<20	0.05	<10	<10	60	<10	79
W425052		<20	0.04	<10	<10	43	<10	64
W425053		<20	0.03	<10	<10	38	<10	66
W425054		<20	0.05	<10	<10	46	<10	76
W425055		<20	0.04	<10	<10	50	<10	90
W425056		<20	0.04	<10	<10	40	<10	75
W425057		<20	0.05	<10	<10	47	<10	90
W425058		<20	0.05	<10	<10	48	<10	89
W425059		<20	0.02	<10	<10	36	<10	59
W425060		<20	0.02	<10	<10	30	<10	59
W425061		<20	0.02	<10	<10	27	<10	42
W425062		<20	0.03	<10	<10	34	<10	55
W425063		<20	0.06	<10	<10	39	<10	67
W425064		<20	0.05	<10	<10	38	<10	64
W425065		<20	0.05	<10	<10	42	<10	85
W425066		<20	0.05	<10	<10	40	<10	107
W425067		<20	0.04	<10	<10	41	<10	88
W425068		<20	0.04	<10	<10	43	10	75
W425069		<20	0.02	<10	<10	39	<10	92
W425070		<20	0.03	<10	<10	41	<10	87
W425071		<20	0.05	<10	<10	38	<10	72
W425072		<20	0.04	<10	<10	45	<10	77
W425073		<20	0.05	<10	<10	45	<10	71
W425074		<20	0.04	<10	<10	43	<10	73
W425075		<20	0.05	<10	<10	51	<10	88
W425076		<20	0.05	<10	<10	43	<10	73
W425077		<20	0.04	<10	<10	39	<10	77
W425078		<20	0.05	<10	<10	49	<10	76
W425079		<20	0.04	<10	<10	35	<10	63
W425080		<20	0.04	<10	<10	37	<10	69
W425081		<20	0.04	<10	<10	36	<10	55
W425082		<20	0.02	<10	<10	27	<10	53
W425083		<20	0.04	<10	<10	32	<10	68
W425084		<20	0.04	<10	<10	31	<10	80
W425085		<20	0.02	<10	<10	35	<10	95
W425086		<20	0.01	<10	<10	26	<10	262
W425087		<20	0.04	<10	<10	42	<10	115
W425088		<20	0.03	<10	<10	33	<10	112
W425089		<20	0.04	<10	<10	45	<10	95
W425090		<20	0.05	<10	<10	42	<10	86

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



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

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

Page: 3 - A  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 16-SEP-2018  
 Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

Sample Description	Method Analyte Units LOD	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 %
W425091		0.63	0.023	3.0	1.96	35	<10	80	0.8	<2	0.09	1.3	32	35	64	5.75
W425092		0.66	0.005	0.3	1.16	50	<10	40	0.5	<2	0.03	<0.5	15	26	54	4.81
W425093		0.63	0.024	0.9	2.70	1135	<10	280	2.3	<2	0.27	0.7	41	53	96	6.96
W425094		0.60	0.006	0.3	2.36	30	<10	130	1.0	<2	0.16	<0.5	35	46	70	5.84
W425095		0.48	0.011	0.6	1.91	87	<10	80	0.7	<2	0.06	<0.5	14	40	58	5.22
W425096		0.65	0.020	4.6	1.88	94	<10	80	0.7	<2	0.10	<0.5	34	33	68	6.04
W425097		0.57	0.011	4.8	1.85	29	<10	80	0.7	2	0.07	<0.5	27	32	62	5.75
W425098		0.48	0.024	3.6	1.81	56	<10	110	0.9	2	0.05	<0.5	29	27	53	4.61
W425099		0.62	0.074	0.4	1.74	624	<10	140	1.2	4	0.10	<0.5	61	29	112	5.74
W425100		0.62	0.061	0.3	1.56	217	<10	110	0.9	<2	0.09	<0.5	43	28	80	4.87
W425101		0.66	0.068	0.4	1.64	151	<10	110	1.0	3	0.13	<0.5	35	30	73	4.90
W425102		0.55	0.058	0.2	1.82	623	<10	110	0.9	3	0.10	<0.5	25	37	69	4.00
W425103		0.76	0.036	0.9	1.24	67	<10	90	0.7	<2	0.19	<0.5	17	25	56	3.86
W425104		0.56	0.040	0.3	1.97	414	<10	90	0.9	3	0.13	<0.5	25	34	63	4.56
W425105		0.58	0.031	0.8	1.72	116	<10	80	0.8	<2	0.05	<0.5	17	30	57	4.75
W425106		0.06	0.011	0.6	1.63	37	<10	60	0.5	<2	0.10	<0.5	8	30	80	5.37
W425107		0.50	0.028	1.5	1.57	81	<10	80	0.7	<2	0.05	<0.5	23	29	55	5.03
W425108		0.55	0.013	1.2	1.25	116	<10	80	0.8	<2	0.09	1.1	21	22	56	4.36
W425109		0.61	0.049	1.0	1.98	61	<10	100	1.3	3	0.27	<0.5	22	29	55	4.54
W425151		0.43	0.011	0.3	1.65	23	<10	70	<0.5	<2	0.06	<0.5	9	28	26	3.56
W425152		0.48	0.010	0.2	1.34	20	<10	80	<0.5	<2	0.10	<0.5	10	26	33	3.49
W425153		0.44	0.006	0.4	1.12	15	<10	60	<0.5	<2	0.07	<0.5	5	25	27	3.39
W425154		0.36	0.006	0.8	1.77	30	<10	100	0.5	<2	0.07	<0.5	8	29	49	4.48
W425155		0.41	0.004	0.3	1.11	33	<10	80	0.5	<2	0.10	<0.5	16	23	48	4.36
W425156		0.46	0.010	0.2	1.52	23	<10	70	<0.5	<2	0.09	<0.5	11	29	49	4.67
W425157		0.83	0.026	0.3	1.68	22	<10	100	0.5	2	0.06	<0.5	9	29	50	5.49
W425158		0.53	0.004	0.3	1.60	17	<10	60	<0.5	<2	0.07	<0.5	6	30	44	4.57
W425159		0.50	0.015	0.9	2.05	26	<10	100	0.7	<2	0.06	<0.5	13	32	56	5.32
W425160		0.47	0.011	0.3	1.73	58	<10	90	0.5	<2	0.06	<0.5	9	29	44	4.21
W425161		0.66	0.002	0.5	1.66	25	<10	60	0.6	<2	0.05	<0.5	7	34	55	4.98
W425162		0.49	0.024	0.3	0.35	33	<10	20	<0.5	<2	0.03	<0.5	2	12	18	1.78
W425163		0.61	0.025	0.4	1.00	24	<10	50	0.5	<2	0.03	<0.5	9	22	38	3.59
W425164		0.50	0.015	0.2	1.58	71	<10	90	0.6	<2	0.06	<0.5	6	30	38	4.04
W425165		0.51	0.007	0.2	1.80	71	<10	70	0.6	<2	0.04	<0.5	12	35	46	4.92
W425166		0.42	0.006	0.4	1.19	24	<10	60	<0.5	<2	0.05	<0.5	8	24	35	3.77
W425167		0.77	0.007	0.8	1.70	29	<10	50	0.6	<2	0.04	<0.5	14	30	53	5.40
W425168		0.64	0.009	0.3	1.61	33	<10	80	0.7	<2	0.06	<0.5	16	29	51	5.01
W425169		0.48	0.012	0.5	1.65	52	<10	60	0.7	<2	0.05	<0.5	15	29	75	5.55
W425170		0.40	0.011	1.4	1.48	36	<10	60	0.6	<2	0.05	<0.5	11	28	43	4.64
W425171		0.52	0.004	<0.2	1.13	18	<10	50	<0.5	<2	0.06	<0.5	8	28	29	3.70

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



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

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

Page: 3 - B  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 16-SEP-2018  
 Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	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
W425091	10	<1	0.14	20	0.53	1180	4	0.01	38	1270	85	0.10	3	3	15	
W425092	<10	<1	0.10	30	0.29	222	5	<0.01	26	620	15	0.05	3	3	7	
W425093	10	<1	0.49	70	1.04	1345	3	0.02	72	1640	60	0.10	3	6	39	
W425094	10	<1	0.19	30	0.75	850	2	0.02	53	1450	21	0.13	<2	4	27	
W425095	10	<1	0.12	20	0.52	427	2	0.01	37	1240	30	0.16	2	2	20	
W425096	10	1	0.16	30	0.56	919	2	0.01	51	1200	82	0.11	4	3	23	
W425097	10	<1	0.15	30	0.53	731	3	0.01	32	1060	125	0.15	4	3	17	
W425098	10	1	0.22	40	0.42	1550	4	0.02	28	1270	118	0.24	2	3	36	
W425099	10	<1	0.28	30	0.54	1210	1	0.01	106	810	25	0.09	2	4	22	
W425100	<10	<1	0.18	30	0.48	1215	1	0.01	78	880	32	0.08	<2	3	17	
W425101	<10	<1	0.19	30	0.49	998	1	0.01	69	1100	24	0.09	<2	3	25	
W425102	10	<1	0.25	30	0.53	566	1	<0.01	60	720	14	0.08	2	3	31	
W425103	<10	<1	0.16	30	0.43	591	1	<0.01	41	900	17	0.05	2	2	19	
W425104	10	1	0.14	30	0.59	667	1	<0.01	61	840	17	0.09	2	2	25	
W425105	10	<1	0.11	30	0.55	421	1	<0.01	37	800	28	0.07	2	3	16	
W425106	10	<1	0.12	20	0.52	219	2	0.02	22	1240	24	0.14	<2	2	14	
W425107	<10	1	0.15	30	0.46	530	3	0.01	34	880	45	0.09	<2	3	15	
W425108	<10	<1	0.08	30	0.40	1025	1	<0.01	50	780	114	0.04	<2	2	12	
W425109	10	1	0.33	40	0.57	738	1	0.01	50	610	32	0.11	<2	3	34	
W425151	10	<1	0.05	10	0.32	381	2	<0.01	18	800	21	0.08	2	1	11	
W425152	<10	<1	0.06	20	0.36	296	1	<0.01	23	780	15	0.06	<2	2	12	
W425153	<10	<1	0.06	10	0.28	191	1	<0.01	16	680	16	0.06	<2	1	10	
W425154	10	<1	0.09	20	0.40	275	2	0.01	21	1000	22	0.11	3	2	14	
W425155	<10	<1	0.06	20	0.35	306	1	<0.01	32	710	20	0.05	3	2	15	
W425156	10	<1	0.09	20	0.47	277	1	0.01	26	850	19	0.06	<2	3	15	
W425157	10	<1	0.21	20	0.50	246	1	0.01	20	870	23	0.09	3	5	17	
W425158	10	<1	0.07	20	0.43	268	2	<0.01	19	930	22	0.09	<2	2	11	
W425159	10	<1	0.14	20	0.49	412	2	0.01	34	980	22	0.16	2	2	26	
W425160	10	<1	0.13	20	0.49	347	2	0.01	22	1090	16	0.17	3	1	15	
W425161	10	<1	0.14	30	0.52	197	3	0.01	23	1210	21	0.10	4	2	13	
W425162	<10	1	0.03	10	0.03	69	2	<0.01	7	690	10	0.07	<2	1	4	
W425163	<10	<1	0.09	20	0.29	203	2	<0.01	21	620	11	0.06	<2	2	6	
W425164	10	<1	0.25	20	0.49	237	2	<0.01	17	670	18	0.11	<2	2	10	
W425165	10	<1	0.20	30	0.63	311	3	0.01	26	660	18	0.11	<2	2	9	
W425166	<10	<1	0.07	10	0.35	166	2	0.01	22	650	21	0.08	2	1	11	
W425167	10	<1	0.13	30	0.62	330	2	<0.01	28	610	38	0.06	<2	2	11	
W425168	<10	<1	0.12	30	0.54	390	3	0.01	35	710	25	0.07	<2	2	17	
W425169	<10	<1	0.07	20	0.52	383	3	0.01	38	980	25	0.08	3	2	14	
W425170	<10	<1	0.10	20	0.40	383	3	0.01	27	930	64	0.10	2	1	14	
W425171	10	<1	0.05	20	0.28	272	1	<0.01	20	580	18	0.04	<2	1	10	

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



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

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

Page: 3 - C  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 16-SEP-2018  
 Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
W425091		<20	0.04	<10	<10	47	<10	165
W425092		<20	0.03	<10	<10	34	<10	58
W425093		<20	0.10	<10	<10	69	80	261
W425094		<20	0.07	<10	<10	63	<10	103
W425095		<20	0.04	<10	<10	53	<10	79
W425096		<20	0.05	<10	<10	46	<10	142
W425097		<20	0.04	<10	<10	44	<10	115
W425098		<20	0.03	<10	<10	39	<10	155
W425099		<20	0.06	<10	<10	37	10	101
W425100		<20	0.04	<10	<10	36	10	92
W425101		<20	0.05	<10	<10	40	10	91
W425102		<20	0.03	<10	<10	31	<10	60
W425103		<20	0.06	<10	<10	34	<10	81
W425104		<20	0.03	<10	<10	34	<10	76
W425105		<20	0.03	<10	<10	35	<10	85
W425106		<20	0.03	<10	<10	35	<10	78
W425107		<20	0.04	<10	<10	40	<10	92
W425108		<20	0.03	<10	<10	29	<10	215
W425109		20	0.06	<10	<10	30	<10	122
W425151		<20	0.05	<10	<10	59	<10	61
W425152		<20	0.04	<10	<10	45	<10	66
W425153		<20	0.04	<10	<10	47	<10	53
W425154		<20	0.04	<10	<10	44	<10	70
W425155		<20	0.03	<10	<10	30	<10	76
W425156		<20	0.04	<10	<10	43	<10	74
W425157		<20	0.05	<10	<10	57	<10	75
W425158		<20	0.03	<10	<10	44	<10	73
W425159		<20	0.04	<10	<10	44	<10	75
W425160		<20	0.04	<10	<10	44	<10	66
W425161		<20	0.04	<10	<10	45	<10	69
W425162		<20	0.01	<10	<10	23	<10	24
W425163		<20	0.03	<10	<10	30	<10	54
W425164		<20	0.05	<10	<10	37	<10	64
W425165		<20	0.04	<10	<10	38	<10	72
W425166		<20	0.03	<10	<10	33	<10	55
W425167		<20	0.03	<10	<10	33	<10	82
W425168		<20	0.03	<10	<10	33	10	82
W425169		<20	0.02	<10	<10	35	<10	89
W425170		<20	0.03	<10	<10	38	<10	113
W425171		<20	0.06	<10	<10	51	<10	55

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



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

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

Page: 4 - A  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 16-SEP-2018  
 Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

Sample Description	Method Analyte Units LOD	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
W425172		0.44	0.005	0.2	0.98	18	<10	50	<0.5	<2	0.06	<0.5	8	22	31	3.26
W425173		0.38	<0.001	0.2	1.12	9	<10	60	<0.5	<2	0.06	<0.5	3	21	21	2.11
W425174		0.58	0.003	0.2	1.09	40	<10	50	<0.5	<2	0.03	<0.5	8	23	32	3.42
W425175		0.54	0.003	<0.2	1.22	18	<10	80	<0.5	<2	0.11	<0.5	10	23	35	3.52
W425176		0.60	0.005	0.3	1.49	22	<10	110	<0.5	<2	0.10	<0.5	9	28	36	3.61
W425177		0.51	0.056	0.6	1.71	64	<10	120	0.6	<2	0.06	<0.5	6	29	43	4.15
W425178		0.55	0.012	0.3	1.56	38	<10	90	0.6	<2	0.09	<0.5	12	28	32	3.60
W425179		0.34	0.006	0.2	1.31	50	<10	60	0.5	<2	0.03	<0.5	7	27	35	3.79
W425180		0.59	0.004	0.2	1.07	49	<10	50	<0.5	<2	0.05	<0.5	8	24	30	3.58
W425181		0.44	0.003	<0.2	1.66	30	<10	90	<0.5	<2	0.07	<0.5	6	29	23	3.09
W425182		0.46	0.001	0.3	1.18	46	<10	60	<0.5	<2	0.05	<0.5	5	25	28	3.32
W425183		0.60	0.010	0.4	1.52	90	<10	90	0.6	<2	0.05	<0.5	15	28	40	4.40
W425184		0.54	0.011	0.4	1.41	61	<10	60	0.6	<2	0.03	<0.5	17	28	41	4.98
W425185		0.47	0.009	9.9	1.74	75	<10	50	0.6	<2	0.04	<0.5	11	30	58	5.23
W425186		0.58	0.012	0.3	1.76	40	<10	80	1.1	<2	0.05	<0.5	26	27	52	4.76
W425187		0.50	0.016	1.9	1.67	43	<10	90	0.8	<2	0.10	<0.5	17	27	43	4.42
W425188		0.48	0.001	0.2	1.44	20	<10	120	<0.5	<2	0.07	<0.5	6	27	26	3.47
W425189		0.40	0.002	0.3	2.08	22	<10	150	0.5	<2	0.10	<0.5	9	34	34	3.89
W425190		0.60	0.004	<0.2	1.38	20	<10	80	<0.5	<2	0.17	<0.5	10	26	29	3.04
W425191		0.53	0.008	0.2	1.62	36	<10	80	0.5	<2	0.07	<0.5	14	28	43	3.97
W425192		0.47	0.003	<0.2	1.98	38	<10	80	0.5	<2	0.08	<0.5	11	32	36	4.39
W425193		0.46	0.004	0.2	1.26	39	<10	90	<0.5	<2	0.07	<0.5	4	26	23	3.03
W425194		0.47	0.019	0.3	1.37	53	<10	80	<0.5	<2	0.09	<0.5	8	24	24	2.96
W425195		0.69	0.008	0.3	1.44	44	<10	120	0.5	<2	0.16	<0.5	12	26	34	3.44
W425196		0.66	0.011	1.0	1.20	105	<10	70	0.6	<2	0.06	<0.5	12	25	37	3.89
W425197		0.70	0.015	4.6	1.67	86	<10	90	0.7	<2	0.10	0.5	21	32	48	4.54
W425198		0.39	0.032	1.1	2.45	498	<10	210	1.0	5	0.24	0.6	20	93	32	4.02
W425199		0.44	0.051	0.9	2.64	711	<10	220	1.2	5	0.37	<0.5	24	90	56	4.63
W425200		0.46	0.023	0.7	2.48	533	10	130	1.0	3	0.13	<0.5	21	63	43	4.27
W425201		0.42	0.009	1.1	2.05	80	<10	150	0.7	<2	0.17	0.5	15	44	41	3.88
W425202		0.36	0.006	0.3	2.26	81	<10	160	0.9	<2	0.21	<0.5	14	58	38	3.89
W425203		0.44	0.011	0.3	2.03	88	<10	150	0.7	<2	0.14	<0.5	13	41	38	3.84
W425204		0.47	0.020	0.8	2.26	181	<10	180	0.8	2	0.20	<0.5	15	55	33	3.47
W425205		0.44	0.022	0.2	2.18	195	<10	160	0.7	2	0.19	<0.5	13	57	32	3.75
W425206		0.46	0.024	0.3	1.88	91	<10	110	0.7	<2	0.07	<0.5	12	33	38	4.11
W425207		0.42	0.011	0.5	1.55	42	<10	90	0.8	<2	0.05	<0.5	15	24	41	4.49
W425208		0.46	0.032	1.8	1.35	89	<10	100	1.0	<2	0.29	1.1	15	22	42	4.03
W425209		0.53	0.017	1.1	1.21	88	<10	100	0.9	<2	0.16	1.3	18	32	46	3.98

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





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

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

Page: 4 - B  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 16-SEP-2018  
 Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	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
W425172		<10	<1	0.05	10	0.28	237	1	<0.01	19	570	15	0.04	<2	1	9
W425173		10	<1	0.03	10	0.13	92	2	<0.01	12	680	10	0.07	<2	1	10
W425174		<10	<1	0.08	20	0.29	272	1	<0.01	17	670	13	0.07	3	1	7
W425175		<10	<1	0.07	20	0.42	304	1	<0.01	23	700	14	0.04	<2	2	14
W425176		<10	<1	0.11	20	0.46	282	1	<0.01	21	660	21	0.04	<2	2	15
W425177		10	<1	0.12	30	0.47	272	2	<0.01	15	840	36	0.10	<2	3	21
W425178		<10	<1	0.09	20	0.50	434	1	<0.01	23	700	16	0.05	<2	2	19
W425179		<10	<1	0.17	20	0.45	196	2	0.01	16	670	14	0.11	3	2	9
W425180		<10	<1	0.10	20	0.37	247	2	<0.01	20	600	15	0.05	<2	2	7
W425181		10	<1	0.06	10	0.38	171	1	<0.01	17	770	14	0.06	<2	1	10
W425182		<10	<1	0.08	20	0.33	156	2	<0.01	15	580	14	0.06	<2	1	8
W425183		<10	<1	0.20	40	0.55	380	2	<0.01	29	590	23	0.07	2	3	11
W425184		<10	<1	0.24	30	0.52	391	3	<0.01	31	530	27	0.07	2	3	8
W425185		10	<1	0.07	30	0.66	240	2	<0.01	25	630	160	0.06	8	2	9
W425186		<10	<1	0.17	40	0.59	606	2	<0.01	49	600	22	0.05	<2	3	18
W425187		10	<1	0.14	20	0.48	779	2	0.01	27	1120	44	0.10	2	2	17
W425188		10	<1	0.05	10	0.33	207	1	0.01	17	600	14	0.05	<2	1	11
W425189		10	<1	0.07	20	0.52	315	1	0.01	24	820	17	0.06	<2	2	14
W425190		<10	<1	0.07	20	0.45	413	1	0.01	23	940	13	0.03	<2	3	14
W425191		<10	<1	0.09	20	0.43	463	1	0.01	24	790	16	0.07	2	2	11
W425192		10	<1	0.06	20	0.41	383	2	0.01	22	730	21	0.06	3	2	12
W425193		10	<1	0.06	20	0.29	217	2	0.01	14	850	17	0.07	<2	1	10
W425194		<10	<1	0.06	20	0.40	286	1	<0.01	19	630	18	0.04	<2	2	12
W425195		<10	<1	0.12	20	0.54	372	1	0.01	24	830	15	0.05	2	3	17
W425196		<10	<1	0.22	30	0.45	327	3	0.01	22	620	19	0.07	<2	2	10
W425197		<10	<1	0.12	30	0.57	673	2	0.01	31	760	100	0.05	3	3	14
W425198		10	<1	0.06	20	0.85	815	1	0.01	24	1060	38	0.09	<2	5	29
W425199		10	<1	0.14	30	0.99	723	2	0.02	31	980	32	0.07	<2	9	38
W425200		10	1	0.08	20	0.74	822	2	0.01	30	1020	29	0.09	<2	4	20
W425201		10	<1	0.11	20	0.64	544	1	0.01	28	920	31	0.09	<2	4	23
W425202		10	<1	0.10	30	0.75	419	2	0.01	28	970	20	0.09	<2	4	28
W425203		10	<1	0.09	20	0.68	379	1	0.01	29	770	17	0.06	<2	3	19
W425204		10	1	0.09	20	0.75	533	1	0.01	28	830	35	0.06	<2	4	23
W425205		10	<1	0.07	20	0.75	491	2	<0.01	27	720	16	0.05	<2	3	22
W425206		10	<1	0.07	30	0.55	451	1	<0.01	27	800	20	0.06	2	2	14
W425207		<10	<1	0.06	30	0.41	428	1	<0.01	35	740	22	0.05	<2	2	11
W425208		<10	<1	0.12	30	0.35	959	1	<0.01	38	750	72	0.07	<2	2	21
W425209		<10	<1	0.10	30	0.33	1280	2	<0.01	49	900	92	0.06	<2	2	15

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



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

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

Page: 4 - C  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 16-SEP-2018  
 Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
W425172	<20	0.04	<10	<10	35	<10	59	
W425173	<20	0.04	<10	<10	52	<10	34	
W425174	<20	0.02	<10	<10	27	<10	58	
W425175	<20	0.05	<10	<10	38	<10	68	
W425176	<20	0.05	<10	<10	43	<10	70	
W425177	<20	0.03	<10	<10	37	<10	65	
W425178	<20	0.05	<10	<10	41	<10	70	
W425179	<20	0.04	<10	<10	33	<10	62	
W425180	<20	0.04	<10	<10	33	<10	65	
W425181	<20	0.04	<10	<10	53	<10	52	
W425182	<20	0.04	<10	<10	39	<10	46	
W425183	<20	0.05	<10	<10	36	<10	76	
W425184	<20	0.04	<10	<10	32	<10	87	
W425185	<20	0.02	<10	<10	29	<10	101	
W425186	<20	0.03	<10	<10	30	<10	94	
W425187	<20	0.04	<10	<10	49	<10	97	
W425188	<20	0.04	<10	<10	51	<10	53	
W425189	<20	0.05	<10	<10	56	<10	71	
W425190	<20	0.06	<10	<10	44	<10	74	
W425191	<20	0.04	<10	<10	39	<10	77	
W425192	<20	0.03	<10	<10	49	<10	66	
W425193	<20	0.04	<10	<10	50	<10	49	
W425194	<20	0.04	<10	<10	40	<10	64	
W425195	<20	0.06	<10	<10	41	<10	78	
W425196	<20	0.05	<10	<10	32	<10	69	
W425197	<20	0.04	<10	<10	37	<10	107	
W425198	<20	0.04	<10	<10	75	10	103	
W425199	<20	0.07	<10	<10	74	10	114	
W425200	<20	0.05	<10	<10	64	10	89	
W425201	<20	0.05	<10	<10	55	<10	101	
W425202	<20	0.05	<10	<10	56	<10	89	
W425203	<20	0.06	<10	<10	51	<10	82	
W425204	<20	0.06	<10	<10	58	<10	93	
W425205	<20	0.05	<10	<10	57	<10	76	
W425206	<20	0.04	<10	<10	45	<10	73	
W425207	<20	0.02	<10	<10	32	<10	80	
W425208	<20	0.03	<10	<10	24	<10	183	
W425209	<20	0.02	<10	<10	25	<10	187	

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



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

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

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 16-SEP-2018  
Account: PARIEX

Project: RC PROJECT

**CERTIFICATE OF ANALYSIS WH18202449**

**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

# APPENDIX VII

IP Report  
Aurora Geosciences

## **Memorandum**

**To:** Pacific Ridge Exploration Ltd. **Date:** August 17<sup>th</sup>, 2018  
**From:** Darrell Epp  
**Re:** RC Gold IP Survey – Field Report

This memorandum report describes an induced polarization (IP) survey completed for Pacific Ridge Exploration Ltd. at the RC Gold Property in Yukon Territory, Canada. The survey took place between August 6<sup>th</sup> and August 13<sup>th</sup>, 2018.

The IP survey was intended to identify areas of sulphide mineralization. Survey results would be used to select targets for follow up exploration.

Operations were based out of Clear Creek Camp located at 63.81°N, 137.04° W and the survey grid was accessed daily by crew via truck. A crew log describing daily operations is included with this report.

A total of approximately 4.3 line-kilometres of IP survey were completed. Unedited data from instrument dump files and processed data in Geosoft database and ASCII format are included in this report. Section plots of apparent resistivity, apparent chargeability, and 2D inversion chargeability and resistivity models are also included with this field report.

### **1 Crew and Equipment**

The following personnel conducted the survey:

Darrell Epp	Crew Chief	August 6 <sup>th</sup> - 13 <sup>th</sup> , 2018
Gary Schulze	Technician	August 7 <sup>th</sup> - 13 <sup>th</sup> , 2018
Dzmitry Spasau	Technician	August 6 <sup>th</sup> - 13 <sup>th</sup> , 2018
Mike Wiseman	Technician	August 6 <sup>th</sup> - 13 <sup>th</sup> , 2018
Dyllan Wall	Technician	August 6 <sup>th</sup> - 7 <sup>th</sup> , 2018

The crew was equipped with the following instruments and equipment :

IP System: 1 – GDD GRx8-32  
1 – GDD Tx-II 3.6 kW

- 1 – Honda 5 kW motor generator
- 24 – 100 m 10-pin receiver cables
- 34 – Electrodes (stainless steel)
- 2 – Large winders
- 3 – Speedy winders
- Current wire (8 km)

Other:

- 4 – Garmin hand-held non differential GPS receivers
- 1 – Laptop computer with Geosoft and software
- 1 – Satellite Phone
- 4 – Handheld radios
- 1 – Base radio with 120v inverter/antenna and 12v battery
- 6 – Bear deterrents (bear spray and bear banger set)
- 3 – Cross-peen hammers
- 1 – Chainsaw
- 1 – Pop tent for IP transmitter
- 1 – IP tool box
- 1 – Geophysical tool box

## 2 Survey Location

The RC Gold Property is located at the headwaters of Clear Creek in Yukon and is accessed via truck by the Clear Creek placer mine access gravel road connected to the Klondike Highway between Stewart Crossing and Dawson City. Via helicopter, the property is approximately 110 km from Dawson City and 65 km from Mayo. The IP survey grid and area is shown in Figure 1.

All coordinates described in this memo refer to UTM zone 8N, 1983 North America Datum (NAD83).

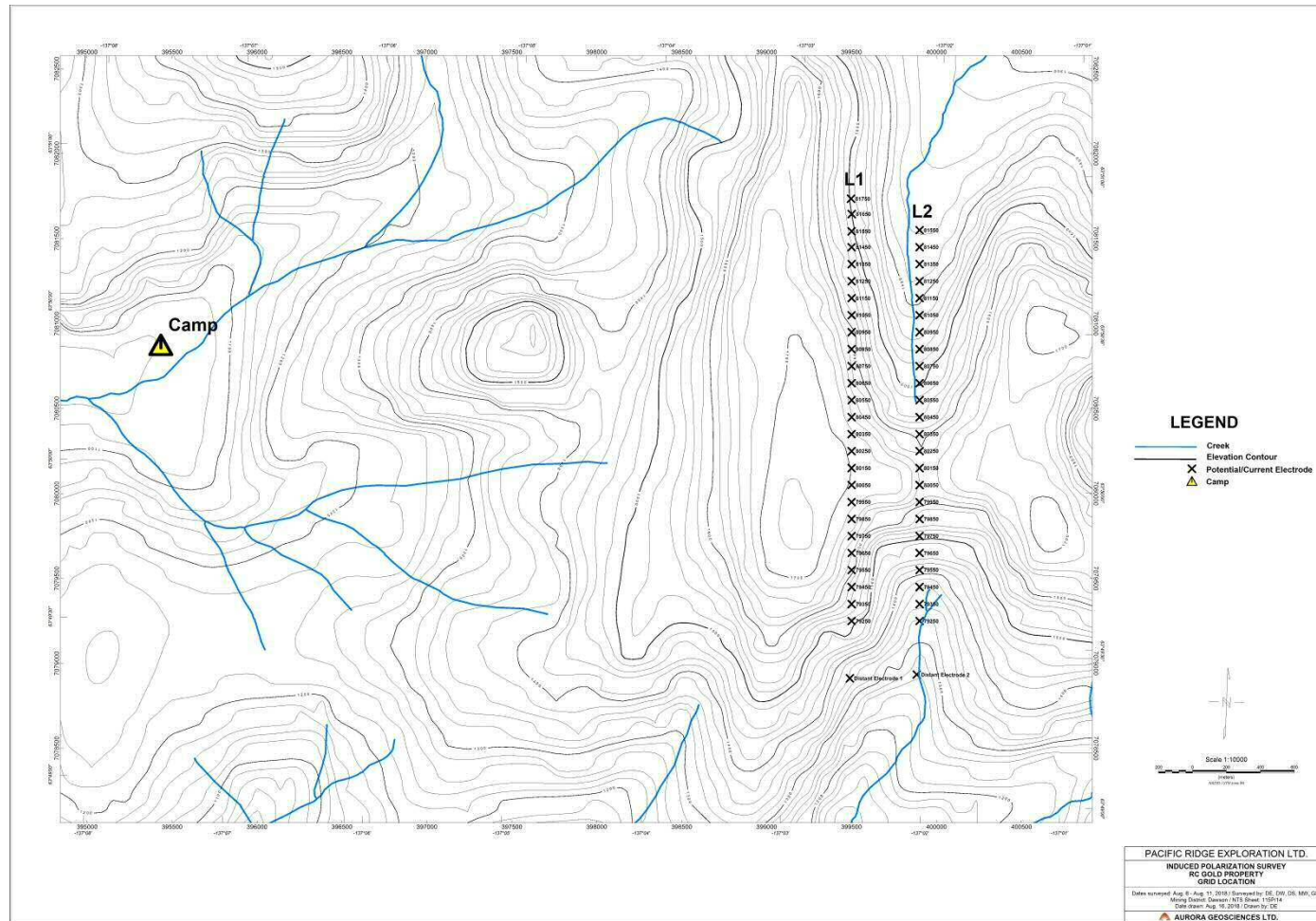


Figure 1 : IP survey grid location map.

### 3 Grid Specifications

The IP survey grids are established digitally utilizing UTM Projection NAD 83, Zone 8N. Text files are formatted and coordinates uploaded to GPS receivers for on the ground navigation.

The following 2 lines spaced 400 metres apart comprise the grid:

Line	South/North end station locations	Line length	Line azimuth	Distant electrode location (ID)
1	399500E, 7079250N/ 399497E, 7081735N	2.4 km	0°	399490E, 7078913N(1)
2	399900E, 7079250N/ 399900E, 7081550N	1.9 km	0°	399884E, 7078935N(2)

### 4 Survey Specifications

The IP survey was completed according to the following specifications:

GPS gridding:	Grids were laid out in NAD83 Zone 8N and uploaded to the GPS receivers.
Array :	2D Modified Pole-Dipole
Distant electrode:	Minimum 300 metres standoff
Dipole length :	100 metres
Dipole range:	N=1-10
Station spacing :	100 metres
Transmitter signal :	Time domain / 0.125 Hz / 50% duty cycle / reversing polarity (2s positive , 2s off, 2s negative, 2s off)
Receiver sampling:	20 time windows with semi-logarithmic time windows (6X40 ms, 7X80 ms and 7X160 ms)
Noise:	Error in chargeability kept to 5% or less wherever possible. When not possible, readings were repeated to determine their repeatability.



## 5 Data Processing and 2D Modelling

All IP data are downloaded, archived and imported into Geosoft's Oasis Montaj IP package for daily processing. Electrode locations and data plot points are georeferenced through linear interpolation according to the observed handheld GPS data collected simultaneously with the IP survey.

A subset channel of average IP values, windowed from 60 ms through 1880 ms, is created for each of the lines surveyed and an apparent resistivity calculation using georeferenced electrode positions is applied to the edited data.

The IP and resistivity data are inspected using the Oasis Montaj IP and resistivity quality control tool. Data exhibiting irregular decay curves and readings measured with poor primary voltages (Vp's) less than 1 mV are flagged for rejection. These readings remain in the database for further inspection. Data quality was primarily impacted by two factors: 1) poor electrical contact with ground due to lack of soil and 2) electrical noise due to telluric currents.

Stacked Sections of the calculated apparent resistivity and apparent chargeability incorporating all lines are generated with Geosoft and included with this report.

2D resistivity and chargeability models were calculated using DCIP2D software developed at the University of British Columbia (UBC) - Geophysical Inversion Facility, Department of Earth and Ocean Sciences. Inspected and spatially referenced IP and resistivity data were exported out of Oasis Montaj into DCIP2D compatible data. Default inversion parameters were applied to produce smooth chargeability and resistivity 2 dimensional models.

The inversion results were imported into Oasis Montaj and section maps of the chargeability and resistivity models for each line were generated and are included with this report. Inversion logs in ASCII format for each model that contain inversion parameter information are also included.

Geosoft IP database 'PEX-20180816-RCGold\_IP\_Merged.gdb' channel names and descriptions are as follows:

Channel	Units	Description
Mem		Raw data sequence number
Date	yyyy/mm/dd	Date of data acquisition
Hour	hh:mm:ss	Time of data acquisition
Array	P-DP	Array type (2D Pole-Dipole)
LineTx	metres	Grid easting coordinate of current electrode
LineRx	metres	Grid easting coordinate of reference potential electrode
Dir	N-S	Survey direction

T1Y	metres	Grid northing coordinate of current electrode (Station #)
R1Y	metres	Grid northing coordinate of potential electrode (Station #)
R2Y	metres	Grid northing coordinate of potential electrode (Station #)
Tx1	metres	Mock grid coordinate of infinite electrode (distant electrode) off line (arbitrarily chosen to be large (infinite))
Contact	kOhm	Contact resistance of potential electrodes
n		'n' level
Rho	Ohm*m	Calculated (GDD receiver) apparent resistivity
Sp	mV	Average spontaneous potential
SpMin	mV	Minimum spontaneous potential
SpMax	mV	Maximum spontaneous potential
Vp	mV	Primary voltage measured 240 ms in on time window
ErrVp	mV	Standard deviation in primary voltage calculated by GDD receiver
M	mV/V	Average chargeability calculated by the GDD receiver
ErrM	mV/V	Standard deviation in average chargeability calculated by the GDD receiver
I	Amperes	Injected current
Ima	Milli-Amperes	Injected current
Time	ms	Length of reading window
DC	Percentage	Duty cycle of transmitted signal
Stack		Number of transmitter cycles measured during the course of the reading
Mxx		GDD receiver calculated chargeability across time window xx. Twenty windows total – M01-M20.
IP_Decay		Chargeability decay curve (array channel) across all twenty time windows.
MF		Metal factor – avg. apparent chargeability / apparent resistivity * 1000

		(IP_Avg/Calcappres * 1000)
QC_(Type)		Quality control flags for resistivity (QC_Res) and chargeability (QC_IP).
IP_Avg	mV/V	Average chargeability reading from 60 ms through to 1880 ms.
Calcappres	Ohm*m	Calculated apparent resistivity values using georeferenced electrode positions
Z	metres	Grid referenced plot point - Depth
Elevation	metres	Georeferenced elevation of apparent resistivity/apparent chargeability plot in metres above sea level (Elevation = Topo + Z)
Topo	metres	Georeferenced surface location of Stn/X coordinate – LiDAR derived elevation in metres above sea level
T1_Z	metres	Georeferenced elevation of current electrode (T1X) – metres above sea level
T1_UTME	metres	Georeferenced coordinate of current electrode (T1X)-Easting
T1_UTMN	metres	Georeferenced coordinate of current electrode (T1X)-Northing
R1_Z	metres	Georeferenced elevation of potential electrode 1 (R1X) – metres above sea level
R1_UTME	metres	Georeferenced coordinate of potential electrode 1 (R1X)-Easting
R1_UTMN	metres	Georeferenced coordinate of potential electrode 1 (R1X)-Northing
R2_Z	metres	Georeferenced elevation of potential electrode 2 (R2X) – metres above sea level
R2_UTME	metres	Georeferenced coordinate of potential electrode 2 (R2X)-Easting
R2_UTMN	metres	Georeferenced coordinate of potential electrode 2 (R2X)-Northing
T2_Z	metres	Georeferenced elevation of distant/infinite electrode –metres above sea level
T2_UTME	metres	Georeferenced coordinate of distant/infinite electrode -Easting
T2_UTMN	metres	Georeferenced coordinate of distant/infinite electrode -Northing
Stn	metres	Apparent resistivity/apparent chargeability plot position defined as the midpoint between R1X and T1X

Xnad83z8	metres	Georeferenced coordinate of apparent resistivity/apparent chargeability plot point (Stn/X) - Easting
Ynad83z8	metres	Georeferenced coordinate of apparent resistivity/apparent chargeability plot point (Stn/X) - Northing

## 6 Products

The following files are included in the digital version of this report:

Folder name	Description of contents
\Raw Data\Survey Type\Date	Unedited instrument data dump files sorted by date. Garmin GPS data in .gpx format. IP data in ASCII format.
Processed Data\Survey Type\ (Data Type)	Processed IP data in Geosoft database (GDB) and ASCII format (XYZ). Processed Garmin GPS electrode location database organized by line in ASCII format (XYZ).
\Final Products\Maps\Map Type	Stacked section maps of apparent chargeability and resistivity pseudosections and section maps of chargeability and resistivity 2D models, all in packed Geosoft map format and PDF exports.
\Inversion Results\Data Type\Line #	Model results converted into ASCII format (XYZ) databases that contain grid referenced and georeferenced coordinates as well as corresponding Geosoft database (GDB) versions.
\Crew Log\	Production summary and daily log in PDF Format

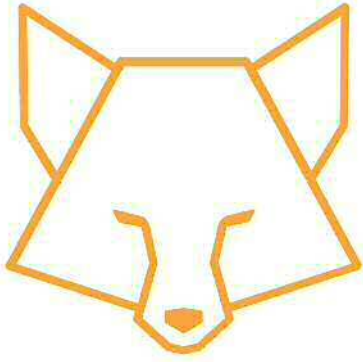
Respectfully submitted,

**Aurora Geosciences Ltd.**

Darrell Epp, B.Sc.

# APPENDIX VIII

## Invoices



FOX EXPLORATION LTD.  
(604) 315-1033

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

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

**Date of Issue**  
08/18/2018  
  
**Due Date**  
09/17/2018

**Invoice Number**  
18013

**Amount Due (CAD)**  
**\$37,177.50**

Description	Rate	Qty	Line Total
Supervisor/Project Manager	\$650.00 +GST	13	\$8,450.00
Geotech	\$500.00 +GST	13	\$6,500.00
Logistics & Consulting pre / post project consulting	\$85.00 +GST	6	\$510.00
Truck 4x4 Pickup Truck	\$185.00 +GST	13	\$2,405.00
Truck 4x4 Pickup Truck	\$185.00 +GST	11	\$2,035.00
ATV Polaris 500	\$100.00 +GST	9	\$900.00
Trailer Cargo Trailer	\$100.00 +GST	11	\$1,100.00
Field / Sampling Equipment Mattocks, Augers, Kraft & Poly Bags, Radios, GPS units...	\$150.00 +GST	9	\$1,350.00

Camp 6-Person Camp	\$250.00 +GST	11	\$2,750.00
Field Office PC, Satellite Phone, Printer	\$90.00 +GST	11	\$990.00
Per Diem 46 man days @ \$40 per man day	\$40.00 +GST	48	\$1,920.00
Satellite Internet (includes equipment, installation and subscription)	\$1,400.00 +GST	1	\$1,400.00
Mobe/Demobe Crew + equipment mobe/demobe	\$2,100.00	2	\$4,200.00
Diesel Fuel Diesel for Trucks: 720 Litres @ \$1.60/L	\$720.00	1.6	\$1,152.00

Subtotal 35,662.00

GST (5%) 1,515.50  
#803 109 461

Total 37,177.50  
Amount Paid 0.00

**Amount Due (CAD) \$37,177.50**

### Notes

RC Project: August 3rd - 13th

### Terms

Payment due upon receipt of invoice.



# Aurora Geosciences Ltd.

**3506 McDonald Drive  
Yellowknife, NT X1A 2H1**

Date: 8/24/2018  
Invoice #: 15492

Tel: 867-920-2729 Fax: 867-920-2739

Invoice To

E-mail: [accounting@aurorageosciences.com](mailto:accounting@aurorageosciences.com)

Pacific Ridge Explorations Ltd.  
Suite 1100, 1111 Melville Street  
Vancouver, BC V6E 3V6

Project	Date Range	Terms	P.O. No.		
PEX-18054-YT RC Gold		Net 15 Days, 2% Mon...			
Description	Qty	Day/Hour	Rate	Amount	Tax
Downtown Hotel - Dawson City - Accommodation Spassau	1		234.00	234.00T	G
Downtown Hotel - Dawson City - Accommodation Wiseman	1		234.00	234.00T	G
Integra Tire - Gas/Propane	1		122.77	122.77T	G
North 60 Petro Ltd. - Gas	1		114.50	114.50T	G
Northern Superior Dawson - Gas	1		176.19	176.19T	G
Tatchun Centre - Food - Non-taxable	1		39.40	39.40T	G
Tatchun Centre - Food - Taxable	1		64.28	64.28T	G
Yukon Tire: Vehicle Fuel	1		107.53	107.53T	G
Subtotal				1,092.67	
10% Administration Fee			10.00%	109.27T	G
GST on Sales			5.00%	60.10	
Project Manager		Alex Jelenic		<b>Subtotal</b>	\$1,201.94
GST/HST No.		886365816		<b>GST/HST</b>	\$60.10
Bank Info: Bank ID #003, Transit #09879, Account #1013606, RBC Royal Bank.				<b>Payments/Credits</b>	\$0.00
Please quote invoice # and amount paid when making payments by emailing <a href="mailto:accounting@aurorageosciences.com">accounting@aurorageosciences.com</a>				<b>Balance Due</b>	\$1,262.04





# Aurora Geosciences Ltd.

**3506 McDonald Drive  
Yellowknife, NT X1A 2H1**

Date: 8/28/2018  
Invoice #: 15526

Tel: 867-920-2729 Fax: 867-920-2739

Invoice To

E-mail: [accounting@aurorageosciences.com](mailto:accounting@aurorageosciences.com)

Pacific Ridge Explorations Ltd.  
Suite 1100, 1111 Melville Street  
Vancouver, BC V6E 3V6

Project	Date Range	Terms		P.O. No.	
PEX-18054-YT RC Gold	July 24 - Aug 23, 2018	Net 15 Days, 2% Mon...			
Description	Qty	Day/Hour	Rate	Amount	Tax
Project Management: A. Jelenic	9.5	hrs	100.00	950.00T	G
Crew and Equipment prep	20	hrs	65.00	1,300.00T	G
Crew and equipment move/demove; Aug 6, 13	2	Days	3,100.00	6,200.00T	G
4-person IP survey crew and equipment; Aug 7 - 12	6	Days	3,340.00	20,040.00T	G
Field Report	1	Fixed Cost	2,500.00	2,500.00T	G
GST on Sales			5.00%	1,549.50	
<b>Project Manager</b>	Alex Jelenic		<b>Subtotal</b>	\$30,990.00	
<b>GST/HST No.</b>	886365816		<b>GST/HST</b>	\$1,549.50	
Bank Info: Bank ID #003, Transit #09879, Account #1013606, RBC Royal Bank.			<b>Payments/Credits</b>	-\$12,500.00	
Please quote invoice # and amount paid when making payments by emailing <a href="mailto:accounting@aurorageosciences.com">accounting@aurorageosciences.com</a>			<b>Balance Due</b>	\$20,039.50	

# **J** EXPLORATION SERVICES INC.

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

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

## INVOICE

August 31, 2018

Pacific Ridge Resources Ltd.  
Vancouver, British Columbia

### RC Project, Yukon

Between August 3 and 31, 2018

Field & office work (see time sheet)	6 days @ \$600.00/day	\$3,600.00
Truck (Carcross to site & demob to Dawson)	703 km x 0.75/km	527.25
ATV & trailer (including fuel)	5 days @ \$100/day	500.00
Meals & Accommodation (motorhome)	5 days @ \$60/day	300.00
Field supplies (sample bags, tags, flagging)	3 days @ \$15/day	<u>45.00</u>
<b>Subtotal</b>		<b>\$4,972.25</b>
GST (5%)		<u>248.61</u>
<b>TOTAL DUE</b>		<b>\$5,220.86</b>

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
August 3	Carcross to Left Clear Creek, expedite, set up	1
August 4	Map/sample area of 309 Au soil anomaly, Bee Grid	1
August 5	Map/sample Far Grid Au soil anomaly	1
August 6	Map/sample extension of Big Vein anomaly onto Bee Grid	1
August 7	Demob to Dawson, sample descriptions, photos, pack samples	1
August 29	Maps, Memo	0.75
August 31	Finish maps	0.25
<b>TOTAL</b>		<b>6</b>



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 4443052**

BILLING INFORMATION	
Certificate:	<b>WH18211504</b>
Sample Type:	<b>Rock</b>
Account:	<b>PARIEX</b>
Date:	<b>30- SEP- 2018</b>
Project:	RC
P.O. No.:	
Quote:	
Terms:	<b>Due on Receipt</b> C1
Comments:	

QUANTITY	CODE	ANALYSED FOR - DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	35.80	35.80
18	PREP-31A	Crush, Split, Pulverize	7.45	134.10
34.66	PREP-31A	Weight Charge (kg) - Crush, Split, Pulverize	0.80	27.73
18	Au-AA23	Au 30g FA-AA finish	17.40	313.20
18	ME-ICP41	35 Element Aqua Regia ICP-AES	12.10	217.80

SUBTOTAL (CAD) \$ 728.63

R100938885 GST \$ 36.43

**TOTAL PAYABLE (CAD) \$ 765.06**

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](mailto: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 4417807**

BILLING INFORMATION	
Certificate:	<b>WH18202449</b>
Sample Type:	<b>Soil</b>
Account:	<b>PARIEX</b>
Date:	<b>16- SEP- 2018</b>
Project:	RC PROJECT
P.O. No.:	
Quote:	
Terms:	<b>Due on Receipt</b> C1
Comments:	

ANALYSED FOR			UNIT	TOTAL
QUANTITY	CODE	DESCRIPTION	PRICE	
1	BAT-01	Administration Fee	35.80	35.80
118	PREP-41A	Dry, Sieve (180 um) Soil.	1.60	188.80
60.33	PREP-41A	Weight Charge (kg) - Dry, Sieve (180 um) Soil.	2.50	150.83
118	Au-ICP21	Au 30g FA ICP-AES Finish	18.05	2,129.90
118	ME-ICP41	35 Element Aqua Regia ICP-AES	12.10	1,427.80

SUBTOTAL (CAD) \$ 3,933.13

R100938885 GST \$ 196.66

**TOTAL PAYABLE (CAD) \$ 4,129.79**

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](mailto:accounting.canusa@alsglobal.com)

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