

**BC Geological Survey
Assessment Report
39726**



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Assessment Report on the 2021 Drill Program on the Spius Property

TOTAL COST: \$127,949

AUTHOR(S): Gerald G. Carlson
SIGNATURE(S):

A handwritten signature in blue ink, appearing to read "G. Carlson".

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-4-726
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5849440 / 2021/NOV/01

YEAR OF WORK: 2021

PROPERTY NAME: SPIUS

CLAIM NAME(S) (on which work was done): Tenure No. 1040680, Name SPIUS15C

COMMODITIES SOUGHT: Cu, Mo, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092HNW027

MINING DIVISION: New Westminster and Nicola

NTS / BCGS:

LATITUDE: 44 ° 55 ' 05 "

LONGITUDE: 121 ° 16 ' 01 " (at centre of work)

UTM Zone: 10N 624,405 EASTING: 5,530970 NORTHING:

OWNER(S):

**Michael A. Blady (25%, FMC no. 278776),
335 – 1632 Dickson Ave.,
Kelowna, BC, V1Y 7T2**

**John A. Chapman (25%, FMC no. 104633),
43 – 1725 Southmere Cres.,
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1740 Orchard Way,
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**Christopher R. Paul (25%, FMC no. 269478)
335 – 1632 Dickson Ave.,
Kelowna, BC, V1Y 7T2**

**OPERATOR(S) [who paid for the work]: Arctic Fox
Resources Inc., Suite 905, 1030 West Georgia
Street, Vancouver, British Columbia, V6E 2Y3.**

**REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization,
size and attitude. Do not use abbreviations or codes): Spius, porphyry, copper, molybdenum, Eagle
Granodiorite, feldspar porphyry, chalcopyrite, pyrite, quartz-sericite-pyrite alteration, silicification,
potassic alteration, biotite**

**REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:
3052, 5389, 6145, 33913, 36631, 38070, 38802**

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
	Ground, mapping		
	Photo interpretation		
GEOPHYSICAL (line-kilometres)			
	Ground		
	Magnetic		
	Electromagnetic		
	Induced Polarization		
	Radiometric		
	Seismic		
	Other		
	Airborne		
GEOCHEMICAL (number of samples analysed for ...)			
	Soil		
	Silt		
	Rock		
	Other		
DRILLING (total metres, number of holes, size, storage location)			
	Core		\$124,424
	Non-core		
RELATED TECHNICAL			
	Sampling / Assaying		\$3,525
	Petrographic		
	Mineralographic		
	Metallurgic		
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
	Line/grid (km)		
	Topo/Photogrammetric (scale, area)		
	Legal Surveys (scale, area)		
	Road, local access (km)/trail		
	Trench (number/metres)		
	Underground development (metres)		
	Other		
		TOTAL COST	\$127,949

Assessment Report on the 2021 Drill Program

on the

SPIUS PROPERTY

Spius Creek, New Westminster and Nicola Mining Divisions, British Columbia

NTS: 92H/14

2021 Work Centred at Approximately:

**49°55'05" N Latitude, 121°16'01" W Longitude
624,405 m E, 5,530,970 m N, UTM NAD 83, Zone 10N**

Claim worked: Tenure No. 1040680, Name SPIUS15C

For

Arctic Fox Resources Inc.

Owners and Optionors:

Michael A. Blady (25%, FMC no. 278776),

Gerald G. Carlson (25%, FMC no. 104271),

John A. Chapman (25%, FMC no. 104633),

Christopher R. Paul (25%, FMC no. 269478)

Operated by:

Pacific Ridge Exploration Ltd.

For Work Performed between May 25 and July 1, 2021

by

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

November 1, 2021

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SUMMARY

The Spius mineral property (the “Property”) is in the Nicola and New Westminster Mining Divisions, British Columbia, 40 km southwest of Merritt and 10 km east-northeast of Boston Bar. The Property is in the Spius Creek watershed centered at approximately 49°55′05” N and 121°16′01” W on NTS map sheet 92H/14 and is known in MINFILE as “Gossan” (No. 092HNW027). The Property comprises seven mineral claims covering 2,205.5 hectares. This report describes a 453.4 m diamond drilling program carried out between May 25 and June 30, 2021.

The Spius claims are accessed from Merritt by heading SE for 25 km on the Coldwater Road to the well-maintained Patchett/Spius FSR. The Property lies within the Eagle Plutonic Complex: Rocks within the Property are mainly biotite granodiorite, with younger feldspar porphyry and quartz-feldspar porphyry intruded by felsic and lamprophyre dikes. The Copper Zone, in the central part of the Property, is defined by a strong copper soil geochemical anomaly, with associated anomalous molybdenum, with a surrounding pyritic alteration zone. Although the Copper Zone is mainly till covered, mineralization has been observed mainly in float and occasionally in outcrop and includes secondary copper mineral, including malachite and azurite, locally chalcopyrite in stockwork veins and disseminations and minor molybdenite.

Exploration dates to the 1960’s, when Orequest Exploration Syndicate (1969), Murray Mining (1969), Arrow Inter-America (1970), Brascan Resources (1971 and 1974) and Canadian Occidental Petroleum (1976) explored the claims. Work during this period included geological mapping, soil sampling, IP and EM geophysical surveys, road building, trenching, and drilling (10 percussion drill holes and 12 diamond drill holes), all less than 100 m depth. Unfortunately, the data from most of this work was not recorded in assessment reports and has now been lost.

In 2012, J.T. Shearer made a significant new Cu soil geochemical discovery along the Spius lower access road approximately 250 m south of the previously defined Copper Zone.

In 2016, the current owners acquired the claims by staking. In 2016 and 2017, they confirmed and expanded the Copper Zone anomaly through prospecting and additional sampling.

In 2017, Bruce and Patricia Bried (“Bried”) optioned the Property and completed additional prospecting work and soil sampling.

In 2018, the Property was acquired from Bried by Pacific Ridge Exploration Ltd. (“Pacific Ridge”). In October 2018, Pacific Ridge completed a program of B horizon soil sampling and an IP geophysical survey. The soil survey confirmed and better defined the Copper Zone anomaly as outlined by earlier workers. The IP survey shows a horseshoe-shaped chargeability anomaly that surrounds and partially overlaps the Copper Zone anomaly.

In 2019, Pacific Ridge completed a four-hole, 1,087 m diamond drilling program to test the Copper Zone. Holes were targeted to test the strongest soil geochemical values, guided by the 2018 IP survey results. All drill holes encountered porphyry-style mineralization and alteration top to bottom, with variably anomalous Cu and Mo values and locally anomalous Ag throughout. The best mineralization was encountered at the bottom of hole SP-19-03, drilled at the northern end of the Copper Zone, encountering 51.8 m averaging .099% Cu (224.3 to 273 m), including 39.0 m at .113% Cu. (237-276 m) Hole SP-19-04.

located 200 m south of hole SP-19-03, encountered 81.0 of 0.071% Cu, (179 to 263 m) including 19.4 m at 0.116% Cu (182-200 m), also at the bottom of the hole. Hole SP-19-02, drilled 700 m southwest of hole 3, encountered 25.4 m at 0.0554% Cu and 0.0038% Mo (140.7 to 166 m) and 20.0 m at 0.557% Cu and 0.0018% Mo (250 to 270 m).

In 2020, a crew from Pacific Ridge exposed the high-grade showing with hand tools (Schwab, 2020). The property was optioned to Arctic Fox Ventures Inc.

The 2021 drill program included 453.4 m of NQ core drilled between June 3 and June 15. Core was logged in Merritt and samples were shipped to MSA Laboratories in Langley, British Columbia. Ridgeline Exploration of Kelowna, British Columbia managed the program and Wade Critchlow Enterprises Ltd. of Nelson, British Columbia was contracted to complete the diamond drilling.

Further exploration at Spius should focus on fully outlining the porphyry system to determine if there is a higher-grade core to the porphyry system, now only partially defined. This program should include contour soil sampling, extending the current sampling to the east, west and north. A detailed ground or drone supported magnetic survey is recommended over the central portion of the property, centred on the Copper Zone. As well, the IP survey completed in 2018 should be extended for at least two lines to the north. Finally, drilling will be required to test any newly defined porphyry targets.

INTRODUCTION

The Spius property (the “Property”) covers a MINFILE porphyry Cu-Mo showing (092HNW027) known as “Gossan”. The Property is 2,205.5 ha in size, centred on the headwaters of Spius Creek. Access to the Property is via the Spius Creek FSR, which is deactivated for the last 10 km leading into the claims.

The Property is well located, with excellent infrastructure and local resources in the nearby service center of Merritt. The Cu-Mo mineralization and widespread alteration observed suggest the presence of a large hydrothermal system with a zoned pattern characteristic of porphyry copper systems. Only a small portion of the prospective ground staked has been drill tested. Given the similarities in geology (granodiorite batholith), age (Late Triassic-Early Jurassic), genetic relations (Quesnel Terrane) and alteration (EDM veins and secondary muscovite) to the nearby Highland Valley Copper Mine, good potential exists for the discovery of a similar bulk-tonnage copper-molybdenum porphyry deposit

This report documents a two-hole, 453.4 m drill program testing the high-grade showing area and the north extension of the Copper Zone anomaly carried out between May 25 and July 1, 2021. Both holes intersected porphyry style alteration and mineralization, with variably anomalous Cu and Mo values and locally anomalous Ag throughout. Both holes were terminated before the target depth due to difficult drilling conditions. The first hole encountered porphyry style mineralization from a depth of 35.85 m to the bottom of the hole it, where it averaged 0.114% Cu, 23.5 ppm Mo and 0.7 ppm Ag over 41.45 m. The hole encountered one interval of higher-grade copper: 0.886% Cu over 1.3 m (66.05 to 67.35 m) The second hole encountered porphyry style mineralization throughout its length, including 0.155% Cu, 71 ppm Mo and 0.8 ppm Ag over 15.2 m (341.25 to 356.45 m). The hole encountered two intervals of higher-grade copper: 0.832% Cu over 0.65 m (257.5 to 258.4 m) and 0.658% Cu over 1.32 m (346.18 to 347.5 m). These higher-grade intervals occur within zones of quartz-sericite-pyrite veins with potassium feldspar

altered selvages, with chalcopyrite and traces of molybdenite. The Spius porphyry system remains open to the north, east and west as well as at depth.

The total cost of the work to be applied for assessment is \$127,949.

LOCATION AND ACCESS

The claims are in southwestern British Columbia (Figure 1), approximately 10 km east-northeast of Boston Bar and 40 km southwest of Merritt, BC. The Property is centered at approximately 49°55'05" N latitude and 121°16'01" W longitude on NTS map sheet 92H/14.

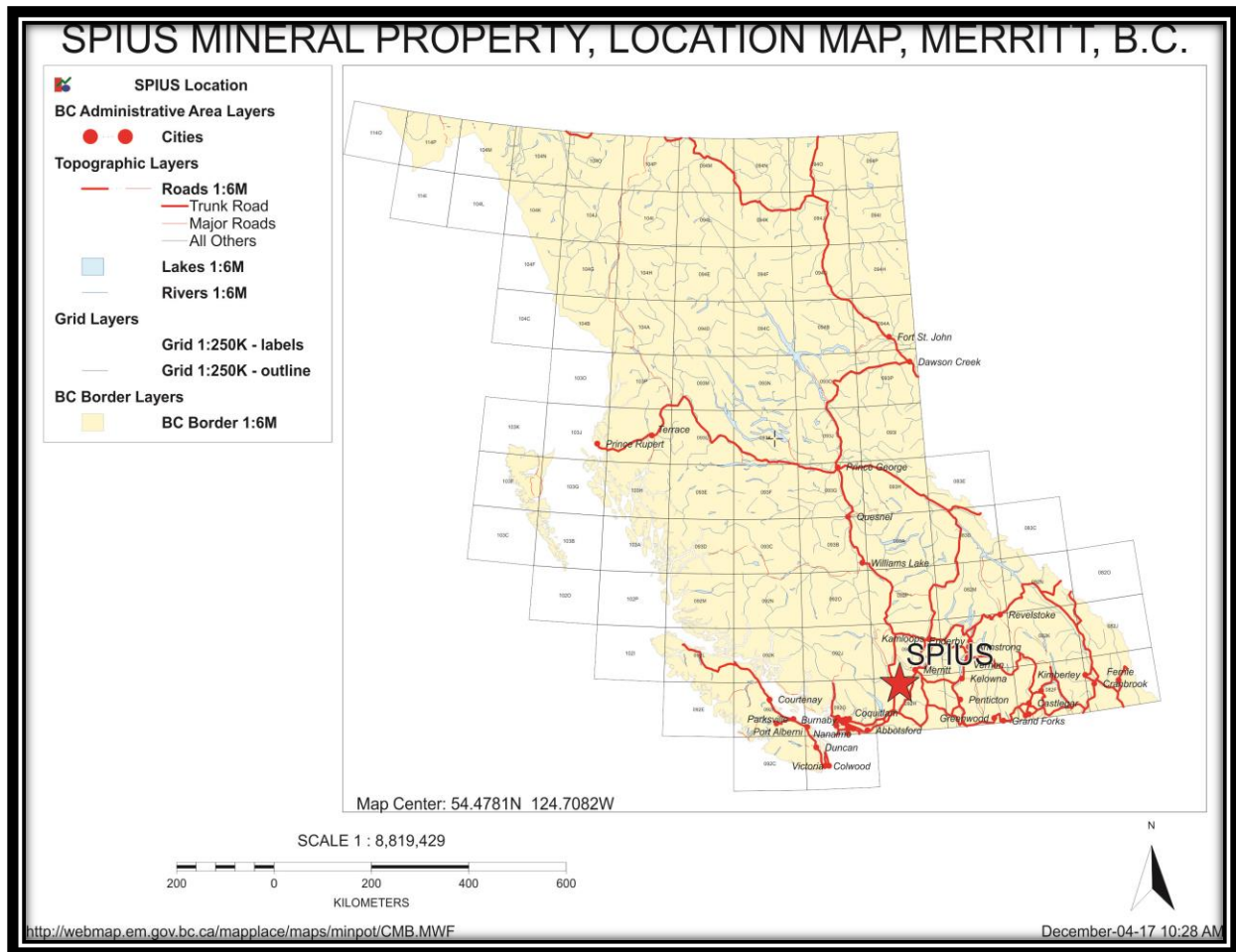


Figure 1. Spius property location map.

The claims are accessed from Merritt (Figure 2) by heading southeast on Coldwater Road for 25 km and then west onto Patchett Road, a ranch road which ends at kilometer 11 and becomes the Spius Creek FSR, which is also the boundary of cellular service. At kilometer 25 of the Spius Creek FSR, a right turn is made over a bridge, followed by an immediate left onto the deactivated final section of the Spius Creek FSR, which continues for another 8.4 km, where it forks upon entering the Property. A right turn at the fork

traverses the northern section of the claim block, while a left continues along the north side of Spius Creek and becomes heavily overgrown with alder and willow bushes for 8.5 km across the entire length of the Property. Several kilometers of brush were cleared on either side of the road in 2016, making enough room for a 4x4 truck to pass through. An overgrown bulldozer trail traverses north across the area of historical work up from the Spius Creek FSR. Portions of this trail were cleared for access to the 2019 drill sites.

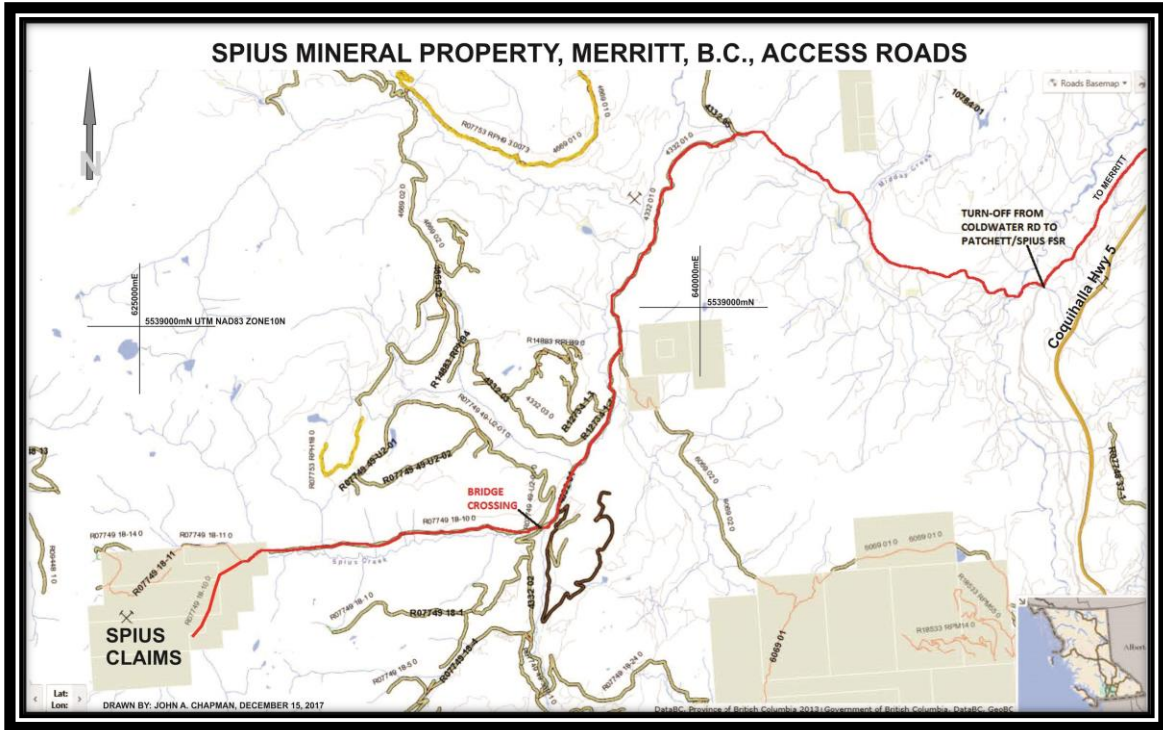


Figure 2. Spius property access from Coldwater Road.

Alternatively, a helicopter can be chartered from Merritt, approximately a 25-minute ferry time from the claims.

PHYSIOGRAPHY AND CLIMATE

Geographically, the claims lie along the eastern edge of the Pacific Coastal Mountains. Elevations range from 1100 m at Spius Creek to 1,840 m at the highest point in the headwaters. The claims are centered on Spius Creek, with the mineral showings situated on a moderately steep south facing slope. Most rock outcroppings are limited to higher elevations and creek drainages. Seasonal exploration surveys can commence from about early June and normally end by late October.

The project area lies within the transition zone between the rugged Coast Mountains to the west and the rolling Interior Plateau physiographic province to the east. Relief is moderate on the claims, generally less than 600 m, with a mean elevation of 1400 masl. Topography is dominated by rocky ridges, which transition downward into colluvium-covered slopes, with alluvium-filled valley bottoms.

The climate is characterized by warm summers with temperatures ranging from 10 to 25° C and cold winters typically in the -10° C to -15° C range. The claims are situated just west of the interior rain shadow, and as such receive abundant precipitation carrying over from the Coast Mountains.

CLAIM STATUS

The Spius Property is in southwestern British Columbia (Figures 1 and 2), approximately 10 km east-northeast of Boston Bar and 40 km southwest of Merritt, BC, in the New Westminster and Nicola Mining Divisions. The Property is centered at approximately 49°55'05" N latitude and 121°16'01" W longitude on NTS map sheet 92H/14. The Property comprises 7 mineral claims covering 2,205.5 ha. Pacific Ridge is the recorder owner of a 100% interest in the claims while the beneficial owners are John A. Chapman (25%), Gerald G. Carlson (25% - held on behalf of KGE Management Ltd.), Christopher R. Paul (25%) and Michael A. Blady (25%) (the "Vendors") (Table 4.1 and Figure 4.2). The claims are in good standing to December 31, 2029, prior to the application of the work described in this report.

In 2017, the Vendors signed an agreement with Bruce and Patricia Bried (the "Brieds") whereby the Brieds could earn a 100% interest in the Property, subject to a 2% NSR. Then, in 2018, Pacific Ridge signed an agreement with the Brieds whereby Pacific Ridge could earn a 100% interest in the Property, subject to a 1% NSR, half of which can be purchased for \$1.5 million.

On October 22, 2020, Arctic Fox signed an earn-in agreement with Pacific Ridge to acquire up to a 60% interest in the Property by making cash payments of \$50,000, issuing 1,000,000 shares and completing \$550,000 in exploration expenditures on the Property by December 31, 2022, and subject to the 3% in underlying royalties.

Pacific Ridge has a multi-year area-based exploration permit, MX-4-726, for 5 years of work on the Property, expiring October 11, 2023. Pacific Ridge has paid a \$12,500 reclamation bond. In May 2021, this permit was transferred to Arctic Fox.

Table 1. Summary of tenure data.

Number	Name	Owner	NTS	Good to Date	Area (ha)
1040680	SPIUS15C	Pacific Ridge Exploration Ltd.	092H	2029/DEC/31	270.46
1040681	SPIUS15B	Pacific Ridge Exploration Ltd.	092H	2029/DEC/31	312.02
1040682	SPIUS15A	Pacific Ridge Exploration Ltd.	092H	2029/DEC/31	249.57
1041084	SPIUS15D	Pacific Ridge Exploration Ltd.	092H	2029/DEC/31	249.7
1042505	SPIUS16A	Pacific Ridge Exploration Ltd.	092H	2029/DEC/31	332.8
1044594	SPIUS16B	Pacific Ridge Exploration Ltd.	092H	2029/DEC/31	686.91
1065095	SPIUS18A	Pacific Ridge Exploration Ltd.	092H	2029/DEC/31	104.01
				Total	2205.47

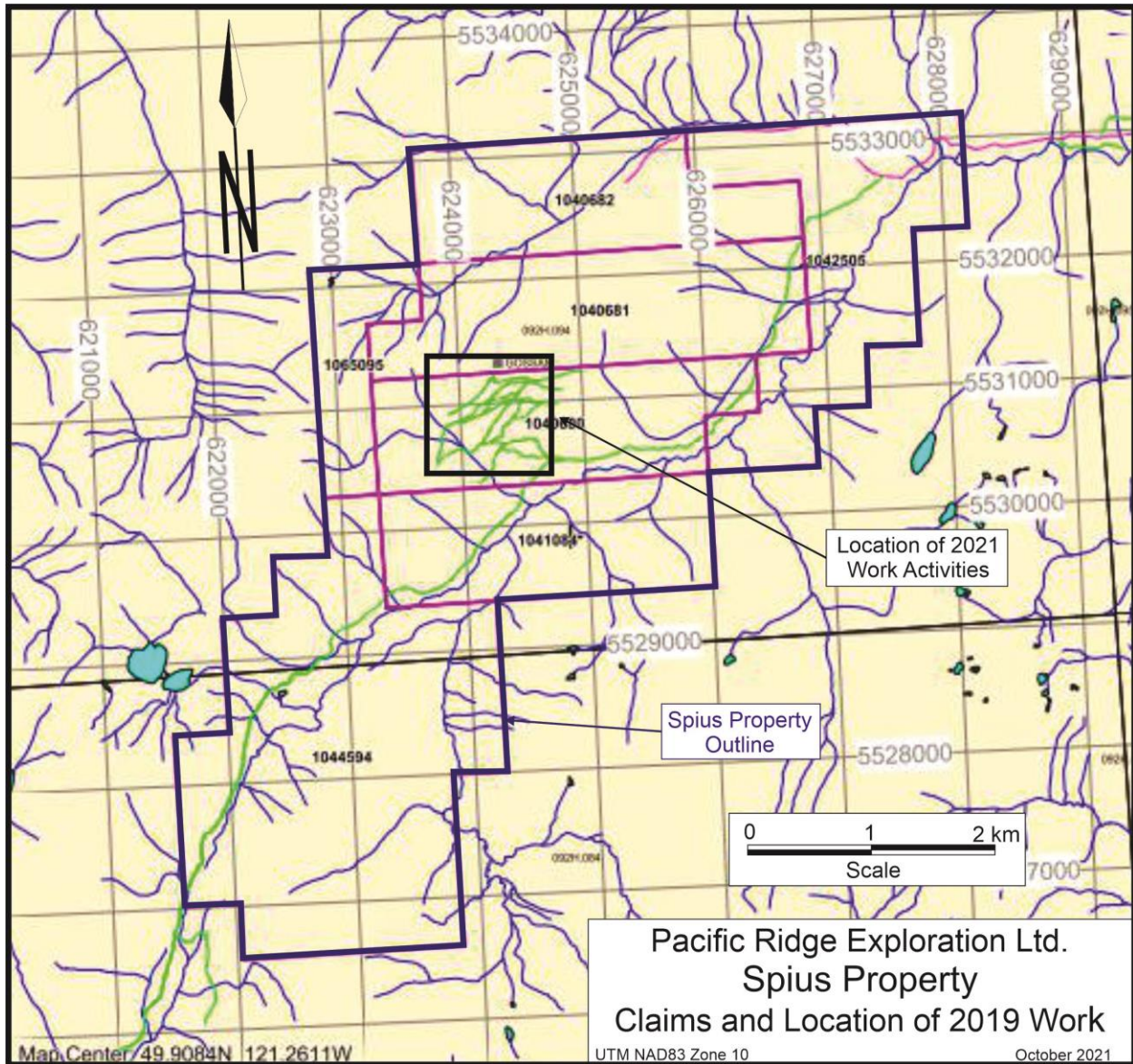


Figure 3: Spius property claim map and location of 2021 work.

EXPLORATION HISTORY

1968 - Orequest Exploration Syndicate optioned the Property from prospectors Clayton (Slim) Powney and John E. Nott and carried out trenching, geophysical and geochemical surveys, geological mapping and five diamond drill holes. Mapping revealed widespread mineralization containing appreciable pyrite along with some chalcopyrite and lesser chalcocite and molybdenite. Assays of the soil samples for copper and molybdenum showed sizeable parallel anomalous zones extending down the sidehill (Allen, 1969) with very high values up to 7,000 ppm Cu (George, 1976). The diamond drill holes were in the center of the Property, mostly within a feldspar porphyry intrusion, mostly within a pyritic gossan near the top of the copper soil anomaly. Results of the drilling were not made available; however, a later Property File reports

that DDH#2 intersected good mineralization in the bottom 60 ft (18.3 m), with the last 8 ft (2.43 m) ending in 0.42% Cu (Allen, 1969).

1969 - Murray Mining improved and re-located a portion of the access road from Merritt and constructed over 8 miles of new road to connect with logging roads leading into Boston Bar. In addition, trenches and switchback roads on the Property were cleared and extended. An electromagnetic survey was completed over part of the area, defining a 1700-foot-long conductor striking north 65 degrees east on the southwest side of Canyon Creek. The field distortion was strong and interpreted to be the result of sulphide mineralization at shallow depth. Ten percussion holes were drilled to a maximum depth of 300 ft to the east of Canyon Creek, with the closest hole being 400 ft (122 m) north and 200 ft (61 m) higher than the EM conductor zone (Figure 6.1). Each hole contained considerable pyrite; however, no significant copper-molybdenum mineralization was intersected (Allen, 1969).

1970 – Arrow Inter-America Corporation conducted an IP survey which revealed that most of the rocks underlying the grid to a depth of 300 ft (91.5 m) contain 1-3% by volume of sulphide minerals. Observed chargeability values range from 1.0 to more than 30.0 milliseconds (ms). Most of the survey area exhibited chargeability responses more than 10.0 ms (Figure 6.1), which is a moderate chargeability level by normal standards. It was concluded that since the increased chargeability responses are so widespread, that it was difficult to recommend targets for further investigation based on the geophysical results alone (Fominoff, and Baird, 1970). A 1976 report by Canadian Occidental Petroleum Ltd. indicates that Arrow Inter-America also conducted a magnetometer and soil geochemical survey and geologically mapped the area, however the results are not available (George, 1976)

1971 – Brascan Resources Limited drilled 7 diamond drill holes on the Property, the results of which are not available, nor discussed in any later reports. The collar locations are shown on a 1974 compilation map by Brascan. They appear to have been drilled on a 500 m grid pattern.

1974 – Brascan Resources Limited carried out 8,400 ft (2,560 m) of road work and 6,300 ft (1,920 m) of trenching. The road cuts and trenches tested an alluvium covered area having a coincident magnetic high, chargeability low, greater than 500 ppm Cu soil anomaly and a molybdenum soil anomaly. Mapping of the trenches found that better copper mineralization is associated with pink feldspar and quartz veining. Alteration minerals including secondary muscovite, biotite, quartz, and feldspars were noted (Gannon, 1974).

1976 – Canadian Occidental Petroleum Ltd. spent two days collecting approximately 100 soil and stream sediment samples, as well as examining outcrops on the Property. The geochemical results corresponded quite well with Orequest's prior survey, returning values of up to 2,970 ppm Cu and 230 ppm Mo. Contouring of the values delineated an area of 2,000 ft (610 m) by 1,500 ft (457 m) of greater than 500 ppm Cu in the central part of the grid, surrounding an area of 2,000 ft (610 m) by 400 ft (122 m) of greater than 1,000 ppm Cu, open to the south (see Figure 6.1). Nine stream sediment samples returned values from 120 to 3,600 ppm Cu, with 5 values of greater than 1,000 ppm Cu. The conclusions of the 1976 report were that further work should be concentrated in the central area, bearing the large high value Cu soil geochemical anomaly and strong sericite alteration, as all the historic drilling had been focused outside of this zone (George, 1976). No further work however was conducted by Canadian Occidental on the Spius claims.

2012 – J.T. Shearer staked the area covering the Spius Property and collected 40 soil samples at 15 m spacing for 600 m along the Spius Creek FSR, below the central copper anomaly described above by

Canadian Occidental. The results again confirmed the presence of very high copper values and extended the anomaly to the south, with up to 4,640 ppm Cu and 20 ppm Mo. Most samples were over 500 ppm Cu.

2015 & 2016 – The Property was staked by Chris Paul, Gerald Carlson, Mike Blady and John Chapman (“Owners”). The Owners conducted geological and geochemical exploration work on the Property (Paul and Carlson, 2016), confirming the Shearer anomaly and discovering a boulder of high grade, porphyry style disseminated copper float that assayed 2.56% Cu.

2017 – The Property was optioned to Bruce and Patricia Bried (“Bried”), who completed additional prospecting and soil sampling (Bried and Chapman, 2018), confirming and expanding the central Copper Zone soil anomaly.

2018 –The Property was acquired from Bried by Pacific Ridge Exploration Ltd. (“Pacific Ridge”) who completed a program of B horizon soil sampling and an IP geophysical survey. The soil survey confirmed and better defined the Copper Zone anomaly as outlined by earlier workers. The IP survey shows a horseshoe-shaped chargeability anomaly that surrounds and partially overlaps the Copper Zone anomaly.

2019 – Pacific Ridge completed a four-hole, 1,087 m diamond drilling program to test the Copper Zone. Holes were targeted to test the strongest soil geochemical values, guided by the 2018 IP survey results. All drill holes encountered porphyry-style mineralization and alteration top to bottom, with variably anomalous Cu and Mo values and locally anomalous Ag throughout. The best mineralization was encountered at the bottom of hole SP-19-03, drilled at the northern end of the Copper Zone, encountering 51.8 m averaging .099% Cu (224.3 to 273 m), including 39.0 m at .113% Cu. (237-276 m) Hole SP-19-04. located 200 m south of hole 3, encountered 81.0 of 0.071% Cu, (179 to 263 m) including 19.4 m at 0.116% Cu (182-200 m), also at the bottom of the hole. Hole SP-19-02, drilled 700 m southwest of hole 3, encountered 25.4 m at 0.0554% Cu and 0.0038% Mo (140.7 to 166 m) and 20.0 m at 0.557% Cu and 0.0018% Mo (250 to 270 m).

2020 – A crew from Pacific Ridge exposed the high-grade showing with hand tools (Schwab, 2020). Of 11 grab samples from float and outcrop, copper values ranged from less than 500 ppm to 0.642% Cu.

Later in 2020, the property was optioned to Arctic Fox Ventures Inc., who completed a technical report for listing purposes (Gibson, 2021).

GEOLOGICAL SETTING

The regional geological framework is prominently marked by a major break along the Fraser River the Fraser River – Straight Creek fault system. The fault system represents a suture-like zone between two accreted terranes (Cadwallader and Bridge River terranes) and has produced a zone of ductile deformation favourable for hosting mineralization. The general claim area is underlain by the Mount Lytton Complex, a major, 160-km-long intrusive complex trending northwest through central British Columbia. About 8 km to the west, the granitic rocks are in faulted contact with sediments of the Lower Cretaceous Jackass Mountain group

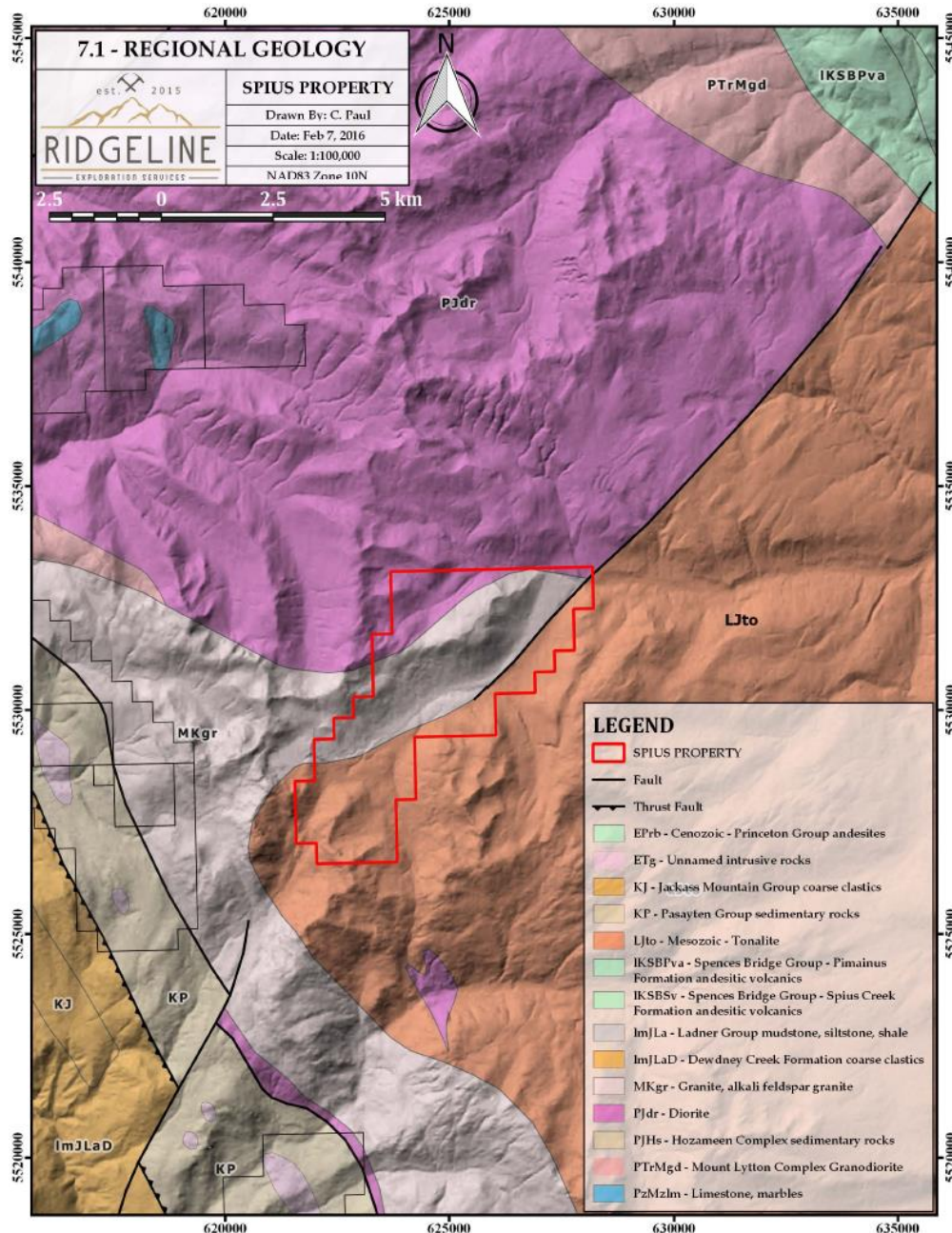


Figure 4. Spius property regional geological setting.

Property Geology

The following description of the Property geology is taken mainly from Allen (1969, 1970), Gannon (1974) and Paul and Carlson (2017). The central part of the Property is mostly underlain by a strongly foliated, coarse-grained biotite granodiorite, mapped by the G.S.C. as the Eagle Granodiorite (Gd) of Jurassic or later age (Journeay and Monger, 1984). Based on field relations, the unit is interpreted to pre-date copper mineralization on the Property. Sulphide minerals, mostly pyrite, occur as disseminations and fracture coatings throughout the Eagle Granodiorite. Small, irregular, quartz-feldspar pegmatite bodies intrude the Eagle Granodiorite in several areas, some of which are mineralized.

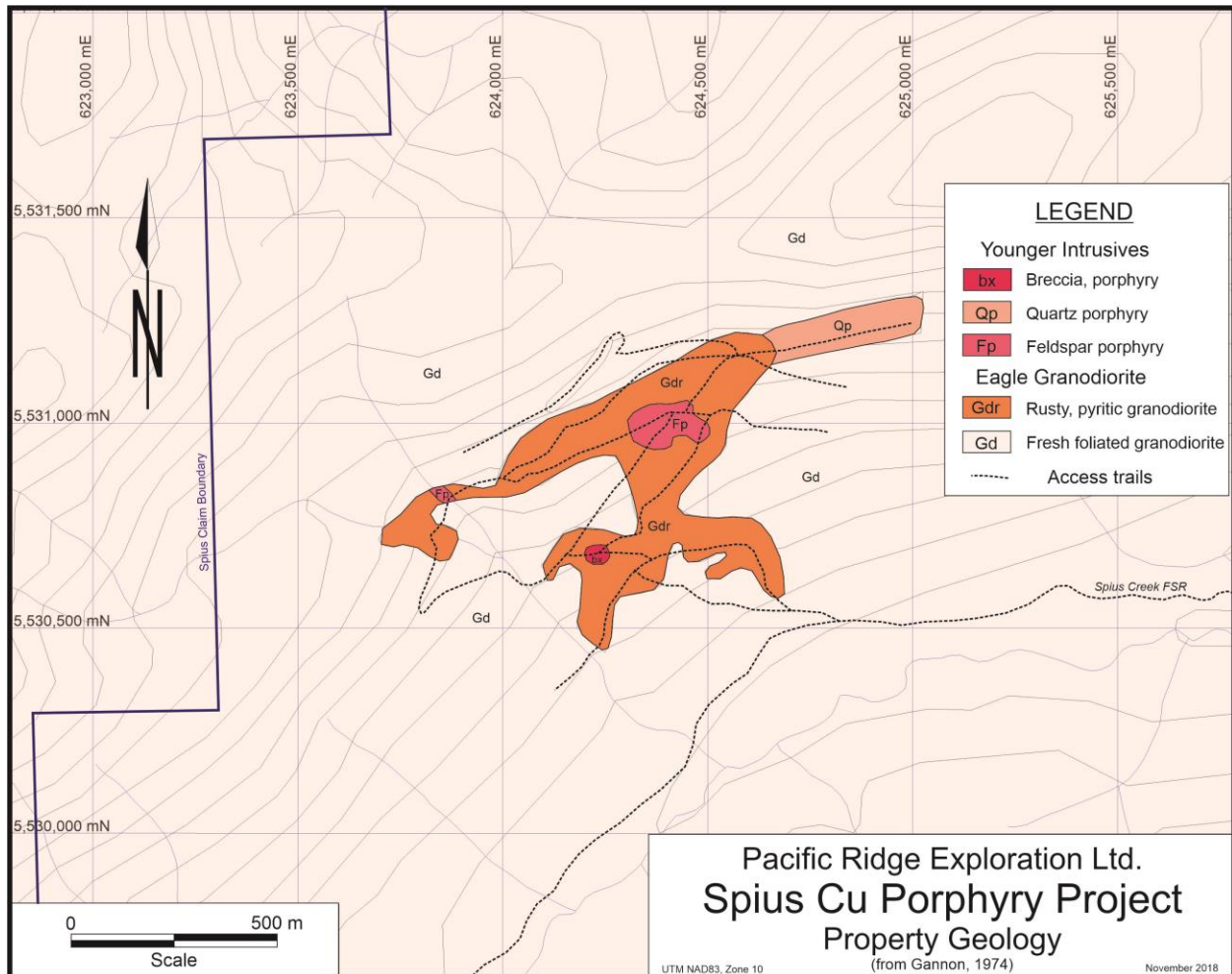


Figure 5. Spius property local geology (interpreted from Gannon, 1974).

A hornblende-feldspar dacite porphyry noted by its quartz eyes (Qp) occurs predominantly on the east side of the claim block is a (Figure 5) consisting of 15% plagioclase phenocrysts to 1 cm, 5% to 10% quartz eye phenocrysts to 0.5 cm and less than 2 % euhedral pyrite in up to 2 cm across and containing inclusions of quartz-eye phenocrysts. Many of the pyrite cubes are oxidized to produce vugs and resulting in a slight gossanous colour to the outcrops. It is not known whether the pyrite cubes are porphyroblasts or phenocrysts. Although they are not associated with fractures or veins, the former

possibility seems to be more likely due to their euhedral and poikilitic character. The rock is massive, very weakly jointed and altered. Quartz veins are rare in the unit and sericite was not noted. The Qp is strongly kaolinized, which may be aided by pyrite oxidation and weathering, to produce acidic ground water.

To the north and west of the claim block, pyrite and sericite concentrations decrease, grading into a barren foliated granodiorite to the north and contacting a leucocratic granodiorite with a weak foliation to the west. The central and northern granodiorite foliation trends from 160° to 200° with a dip of 70° to 90° to the west. The granodiorite to the west has a weak N-S foliation.

A quartz-feldspar porphyry plug (Fp) intrudes the Eagle Granodiorite near the upper end of the copper anomaly (Figure 7.2). The rock is dark grey, unfoliated and contains approximately 20% euhedral, kaolinized plagioclase crystals to 1 cm in diameter. An intense quartz stockwork with minor sulphide cuts the feldspar porphyry. B.Y. Kim mapped and described the area for Arrow Inter-America in 1971 and interpreted the Fp to be the locus of mineralization in the area (George, 1976). Paul (2017) disagrees with this interpretation, arguing that the unit is small, and several grab samples collected from it in 2016, including samples containing high sulfide and quartz veins returned very low copper and molybdenum concentrations. According to Brascan's 1974 work plan, the unit never reaches more than 200 ft (61 m) in thickness (Gannon, 1974). It seems unlikely that this small, barren unit is the source of the mineralized fluids capable of widespread alteration and mineralization elsewhere on the Property, however at this stage, an alternative causative intrusive has not been found. A float boulder discussed later in this report, which assayed 2.56% Cu and displays intense potassic and sericitic alteration in a unique, unfoliated intrusive lithology may be a more viable alternative, however the bedrock source of this sample has yet to be located.

Lamprophyre and felsic dykes intrude the older intrusions but are of minor importance.

Alteration and Mineralization

Pyrite is widespread throughout the altered and sheared zones on the Property. The northeasterly exposures contain coarse cubic pyrite scattered throughout highly kaolinized, but massive quartz-eye porphyry rock. The central and western outcrops exhibit finely disseminated pyrite throughout finer-grained but silicified and sericitized granitic rocks. There is one outcrop of breccia composed of coarse angular fragments of altered granodiorite and quartz feldspar porphyry, with pyrite throughout. In places chalcopyrite is associated with the pyrite, mostly noted in and near fractured rock veined with quartz-K-feldspar veins.

Molybdenite has been noted locally associated with chalcopyrite and chalcocite within quartz veins at the Gossan Zone. Malachite and azurite oxidation typically coat copper mineralized exposures.

The strongest alteration observed was at the Gossan Zone where phyllic quartz-sericite-pyrite ("QSP") alteration was observed throughout as both fine-grained sericite as well as large flakes of secondary muscovite accompanying silicification, quartz-sulfide veining, and pyrite. Oxidation of sulfides give the rocks a vuggy texture, with bright yellow and orange oxides coating all surfaces. Minor potassic alteration was also observed at the Gossan Zone, mostly restricted to vein selvages as growths of secondary biotite as well as a pink hue around the veins indicating potassium metasomatism of feldspars.

Little outcrop is found west of the Copper Zone, however altered float rocks were found along the upper roadcuts, with both phyllic and potassic alteration. Also located in the same area was a set of Early Dark Mafic (“EDM”) veins cutting a malachite-stained and weakly k-spar altered intrusive rock. Pervasive potassium feldspar and sericite alteration also occurs within a strongly mineralized float boulder assaying 2.56% Cu, located along the upper roadcut.

2021 Exploration Program

The 2021 drill program was managed by Ridgeline Exploration Services Inc. of Kelowna, British Columbia.

Between May 26th and July 1st, Turtle Track Contracting Ltd. of Merritt, British Columbia was contracted to install a temporary bridge at km 31.5 of the Spius road and clear the drill access trail through the Copper Zone (Diamond drill pad SP19-03) to the drill site. This involved cleaning up approximately 3 km of historical access trail that was used for the 2019 drill program (Carlson, 2019) and clearing an additional 350 m of overgrown historical access trail to the 2021 drill pad.

Wade Critchlow Enterprises Ltd. of Nelson, British Columbia, mobilized the drill to the property on June 2 and commenced drilling on June 3. Hole SP21-05 was terminated on June 6 at 73.3 m due to blocky ground. Hole SP21-06, drilled from the same set-up, was started on June 7, and stopped on June 15 at 380.1 m, again due to blocky ground. The drill was demobilized on June 16.

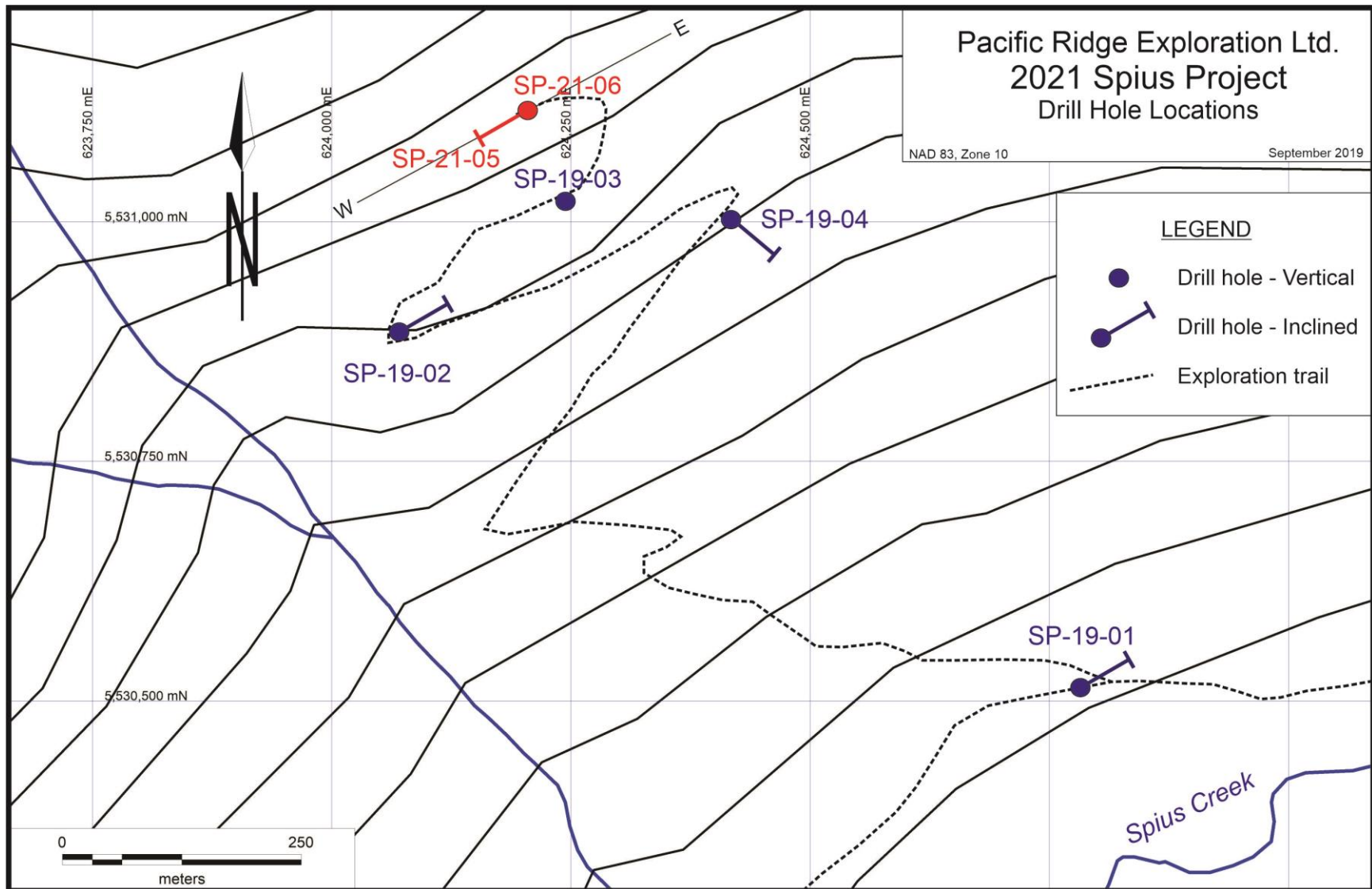
Drill core was logged by Corbin Stewart, B.Sc. Earth Sciences, of Ridgeline Exploration. It was split, and sampled at the ranch of Grant Fosbery, just outside of Merritt. Samples were shipped directly to MSA Laboratories in Langley, British Columbia, for assaying. The core is stored on the property at UTM coordinates 627422E, 5532760N, Zone 10.

The temporary bridge was removed, and the drill site access trail was reclaimed, and water bars were trenched by Turtle Track Contracting and Ridgeline Exploration between June 28th and July 1st.

The drill hole statistics are shown in Table 2 and the hole locations are shown in Figure 6. Drill logs are included in Appendix II, assay results summary in Appendix I and assay certificates in Appendix III.

Table 2. 2021 drill hole statistics.

Hole	Easting	Northing	Eleva(m)	Azimuth	Dip	Depth(m)
SP-21-05	0624202	5531125	1553	240	-45	73.3
SP-21-06	0624202	5531125	1553	0	-90	380.1
	NAD83, Zone 10				Total	453.4



+Figure 6. Spius project 2021 drill hole location plan.

Drill Results

Assay highlights for the drill program are shown below in Table 3. Individual drill hole targets and results are described below. Summary logs are shown in Appendix I, drill logs in Appendix II and Assay Certificates in Appendix III.

Table 3. 2021 drill results highlights.

Hole No.	From(m)	To(m)	Interval(m)	Cu (%)	Mo(ppm)	Ag(ppm)
SP-21-05	35.85	77.30	41.45	0.114	24	0.7
includes	66.05	67.35	1.30	0.886	395	5.0
SP-21-06	257.50	258.40	0.65	0.832	343	3.5
SP-21-06	341.25	356.45	15.20	0.155	71	0.8
includes	346.18	347.50	1.32	0.658	61	2.2

Hole SP-21-05

Drill hole SP-21-05 was drilled at -45° and was targeted to cut below the High-grade showing. Unfortunately, the hole encountered severely broken ground at 73.3 m and was terminated before reaching its target.

The hole was collared in the foliated Eagle Granodiorite. The more strongly mineralized portion of the hole, from 35.85 m to the bottom of the hole at 73.3 m, is in a mixture of granodiorite, feldspar porphyry and pegmatite, intimately intermixed. Mineralization occurs as disseminations, typically around 0.5%, with pyrite greater than chalcopyrite, as well as in quartz veinlets with k-feldspar selvages. Total sulphides range up to 3% in the better mineralized sections.

Hole SP-21-06

From the results of the 2019 drill program, the porphyry mineralization was interpreted to be increasing to depth and to the north (Carlson, 2019; Gibson, 2021). Hole SP-21-06 was drilled vertically from a point 105 m north of hole SP-19-03 and to a depth of 380.1 m.

The hole was collared in foliated granodiorite, with minor feldspar porphyry with minor sericitic and local potassic alteration and minor disseminated sulphides, mainly pyrite. Copper grades begin to pick up at 40 m depth with an increase in disseminated sulphide, including chalcopyrite, and quartz-chlorite veinlets containing minor sulphides, including pyrite, chalcopyrite and locally trace molybdenite. Minor pegmatitic zones occur through this section, to roughly 150 m. From 150 m to 340 m, the lithology and mineralization are quite like what's described above, but the copper mineralization is less, mainly less than 500 ppm except for a few local intervals.

From 341 m to 356 m, copper grades increase significantly in response to an increased density and intensity of quartz-sericite-pyrite-chalcopyrite veinlets and quartz-chlorite-pyrite-molybdenite veinlets. Copper values then drop to mainly below 500 ppm from 356 m to 380.1 m at the bottom of the hole

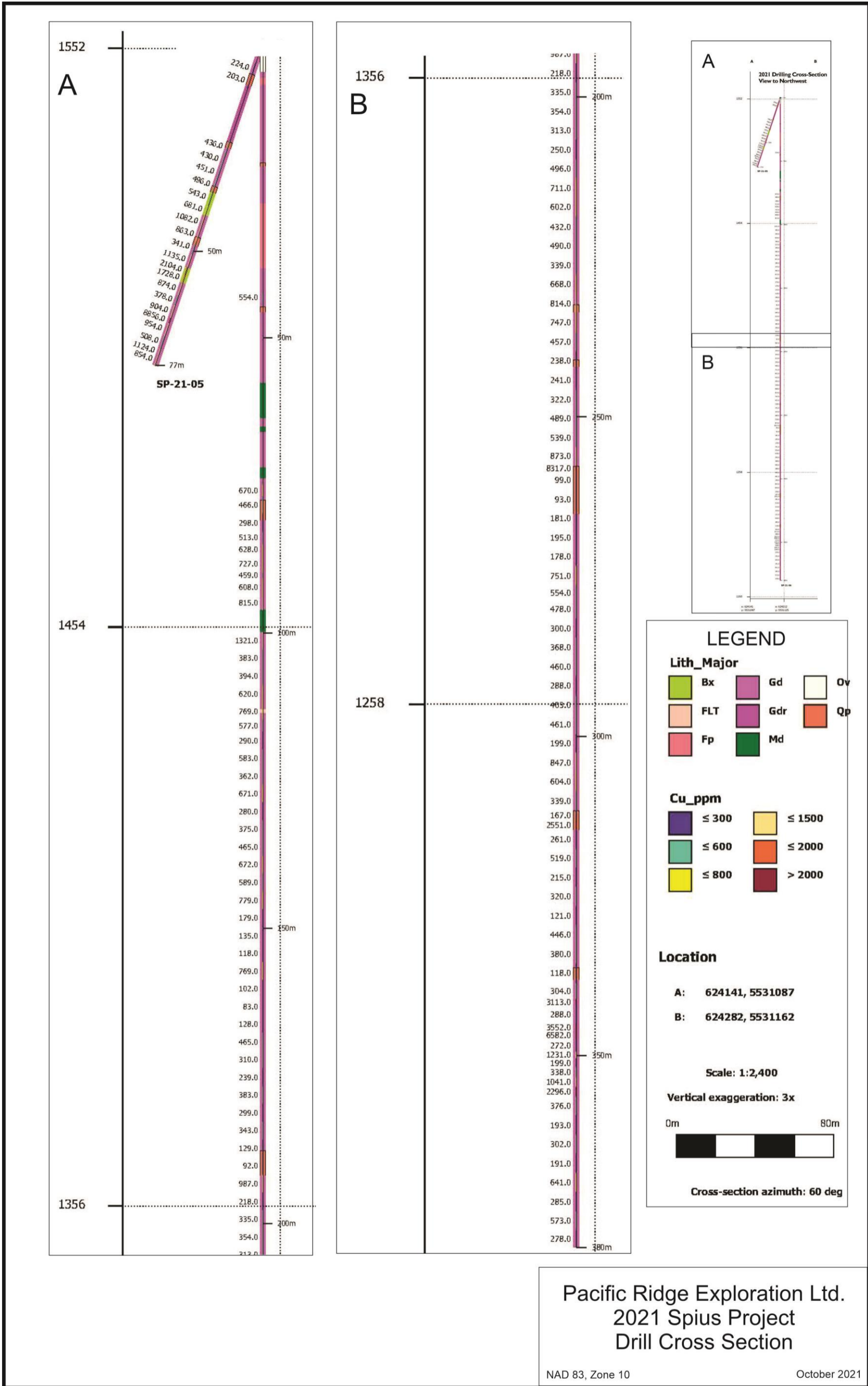


Figure 7. Cross section through 2021 drill holes with lithology and copper values.

Pacific Ridge Exploration Ltd.
2021 Spius Project
Drill Cross Section

NAD 83, Zone 10

October 2021

Discussion

The 2021 drill program at Spius did not achieve its objectives due to hole SP-21-05 being terminated due to bad ground before reaching its target depth beneath the high-grade showing. Hole SP-21-06 was also terminated early, but only 20 m shy of its target depth. Although some local narrow intervals, on the order of +/-1 m core length, contained copper grades in the 0.5 to 1% range, overall, the copper grades were comparable to those grades encountered in the 2019 drilling. The Spius porphyry system remains open to the north, east and west as well as at depth.

CONCLUSIONS

The Property is road accessible, located in the Nicola and New Westminster Mining Divisions, British Columbia, 40 km southwest of Merritt and 10 km east-northeast of Boston Bar. The Property is in the Spius Creek watershed centered at approximately 49°55'05" N and 121°16'01" W, on NTS map sheet 92H/14 and is known in MINFILE as "Gossan" (No. 092HNW027). The Property comprises seven mineral claims covering 2,205.5 hectares.

The Property lies within the Eagle Plutonic Complex. Rocks within the Property are mainly biotite-hornblende granodiorite, with younger feldspar porphyry and quartz-feldspar porphyry intruded by felsic and lamprophyre dikes. The Copper Zone, in the central part of the Property, is defined by a strong copper B horizon soil geochemical anomaly, with associated anomalous molybdenum, with a surrounding pyritic alteration zone. Although the Copper Zone is mainly till and colluvium covered, mineralization has been observed mainly in float and occasionally in outcrop and includes secondary copper minerals, including malachite and azurite, locally chalcopyrite in stockwork veins and disseminations and minor molybdenite.

Exploration dates to the 1960's and early 1970's, when work included geological mapping, soil sampling, IP and EM geophysical surveys, road building, trenching, and drilling (10 percussion drill holes and 12 diamond drill holes), all less than 100 m depth. Unfortunately, the data from most of this work was not recorded in assessment reports and has now been lost.

No further work was done until a 2012 soil survey defined a strong copper soil anomaly that extended the Copper Zone to the southeast and defined it as a significant porphyry copper target.

Pacific Ridge optioned the Property and in October 2018 and completed a program of soil sampling and an IP geophysical survey. The soil survey confirmed and better defined the Copper Zone anomaly as outlined by earlier workers. The IP survey shows a horseshoe-shaped chargeability anomaly that surrounds and partially overlaps the Copper Zone anomaly. This is interpreted to reflect the presence of an annular shell of disseminated sulphide mineralization, grading outwards from an inner pyrite-chalcopyrite zone to an outer pyrite shell.

In 2019, Pacific Ridge completed a four-hole, 1,087 m diamond drilling program to test the Copper Zone. Holes were targeted to test the strongest soil geochemical values, guided by the 2018 IP survey results. All holes intersected porphyry style alteration and mineralization. The best mineralization was encountered at the bottom of hole SP-19-03, drilled at the northern end of the Copper Zone, encountering 51.8 m averaging .099% Cu (224.3 to 273 m), including 39.0 m at .113% Cu. (237-276 m) Hole SP-19-04.

located 200 m south of hole 3, encountered 81.0 of 0.071% Cu, (179 to 263 m) including 19.4 m at 0.116% Cu (182-200 m), also at the bottom of the hole. Hole SP-19-02, drilled 700 m southwest of hole 3, encountered 25.4 m at 0.0554% Cu and 0.0038% Mo (140.7 to 166 m) and 20.0 m at 0.557% Cu and 0.0018% Mo (250 to 270 m). All drill holes encountered porphyry-style mineralization and alteration top to bottom, with variably anomalous Cu and Mo values and locally anomalous Ag throughout.

The 2021 drill program at Spius did not achieve its objectives due to hole SP-21-05 being terminated due to bad ground before reaching its target depth beneath the high-grade showing. Hole SP-21-06 was also terminated early, but only 20 m shy of its target depth. Although some local narrow intervals, on the order of +/-1 m core length, contained copper grades in the 0.5 to 1% range, overall, the copper grades were comparable to those grades encountered in the 2019 drilling. The Spius porphyry system remains open to the north, east and west as well as at depth.

RECOMMENDATIONS

Further exploration at Spius should focus on fully outlining the porphyry system to determine if there is a higher-grade core to the porphyry system, now only partially defined. This program should include contour soil sampling, extending the current sampling to the east, west and north. A detailed ground or drone supported magnetic survey is recommended over the central portion of the property, centred on the Copper Zone. As well, the IP survey completed in 2018 should be extended for at least two lines to the north. Finally, drilling will be required to test any newly defined porphyry targets.

STATEMENT OF EXPENDITURES

Table 4. 2021 Spius project expenditures.

Field Work	Description	Dates	Days	Rate	Amount
Wade Critchlow Enterprises	Drilling - 2 holes, 453.4 m, NQ	June 2 to June 16, 2021	15		\$52,336.00
Ridgeline Exploration Services	Project management, core logging	May 26 to July 1, 2021	37		\$57,588.00
Turtle Track Contracting	Road and trail, reclamation	May 26 to May 31, 2021 June 28 to June 31, 2021	10		\$10,500.00
MSALABS	Assaying – 139 core samples				\$3,525.00
Office Work					
Gerald G. Carlson	Report Preparation		5	\$800.00	\$4,000.00
		Total			\$127,949.00

Invoices for work performed are included in Appendix IV.

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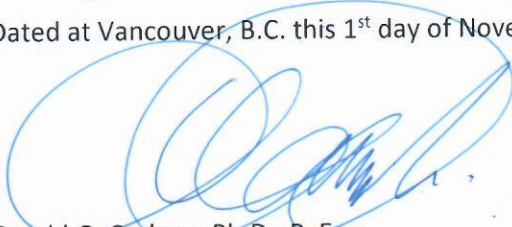
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CERTIFICATE OF QUALIFICATIONS

I, Gerald G. Carlson, hereby certify that:

1. I am a consulting mineral exploration geologist and President and CEO of Pacific Ridge Exploration Ltd., 11th Floor – 1111 Melville St., Vancouver, B.C. V6E 3V6.
2. I am a graduate of the University of Toronto, with a degree in Geological Engineering (B.A.Sc., 1969). I have advanced degrees in Economic Geology from 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.
3. I am a member in good standing of Engineers and Geoscientists British Columbia, Registration No. 12513 and of Engineers Yukon, Registration No. 0198.
4. I am the author of this assessment report on the Spius property.
5. The report is based on a literature review, on private company reports and on the 2021 drill 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, execution and interpretation of the exploration program discussed in this report.

Dated at Vancouver, B.C. this 1st day of November 2021,



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

Appendix I

Summary Drill Results

HoleID	Sample_no	From_m	To_m	Interval_m	Cu ppm	Mo ppm	Ag ppm
SP-21-05	104817	5.00	8.00	3.00	224	8	0.2
SP-21-05	104818	8.00	11.00	3.00	203	7	0.2
SP-21-05	104819	23.85	26.85	3.00	436	5	0.3
SP-21-05	104821	26.85	29.85	3.00	430	6	58.7
SP-21-05	104822	29.85	32.85	3.00	451	5	0.3
SP-21-05	104823	32.85	35.85	3.00	496	10	0.4
SP-21-05	104824	35.85	38.85	3.00	543	12	0.3
SP-21-05	104825	38.85	41.85	3.00	681	10	0.5
SP-21-05	104826	41.85	44.85	3.00	1082	11	0.6
SP-21-05	104827	44.85	47.85	3.00	863	15	0.8
SP-21-05	104828	47.85	50.85	3.00	341	24	0.6
SP-21-05	104829	50.85	53.85	3.00	1135	4	<0.2
SP-21-05	104830	53.85	55.70	1.85	2104	6	0.7
SP-21-05	104831	55.70	57.70	2.00	1728	23	1.4
SP-21-05	104832	57.70	60.70	3.00	874	17	1
SP-21-05	104833	60.70	63.10	2.40	378	7	0.6
SP-21-05	104834	63.10	66.05	2.95	904	7	0.5
SP-21-05	104835	66.05	67.35	1.30	8856	9	0.4
SP-21-05	104836	67.35	70.35	3.00	954	395	5
SP-21-05	104837	70.35	73.35	3.00	508	10	0.4
SP-21-05	104838	73.35	75.00	1.65	1124	17	0.2
SP-21-05	104839	75.00	77.30	2.30	854	5	0.6

HoleID	Sample_no	From_m	To_m	Interval_m	Cu ppm	Mo ppm	Ag ppm
SP-21-06	104701	42.31	44.05	1.74	554	7	0.5
SP-21-06	104702	74.88	76.88	2.00	670	24	0.3
SP-21-06	104707	76.88	79.88	3.00	466	85	0.6
SP-21-06	104708	79.88	82.88	3.00	298	831	0.2
SP-21-06	104709	82.88	84.88	2.00	513	18	0.3
SP-21-06	104710	84.88	86.78	1.90	628	225	0.5
SP-21-06	104703	86.78	89.78	3.00	727	14	0.4
SP-21-06	104704	89.78	90.78	1.00	459	9	<0.2
SP-21-06	104705	90.78	93.78	3.00	608	15	0.4
SP-21-06	104706	93.78	96.13	2.35	815	27	0.4
SP-21-06	104711	99.85	102.80	2.95	1321	136	0.9
SP-21-06	104712	102.80	105.80	3.00	383	114	0.3
SP-21-06	104713	105.80	108.80	3.00	394	21	0.3
SP-21-06	104714	108.80	111.80	3.00	620	52	0.3
SP-21-06	104715	111.80	114.80	3.00	769	70	0.6
SP-21-06	104716	114.80	116.75	1.95	577	453	0.4
SP-21-06	104717	116.75	119.75	3.00	290	38	0.2
SP-21-06	104718	119.75	122.75	3.00	583	26	0.4
SP-21-06	104719	122.75	125.75	3.00	362	53	<0.2
SP-21-06	104721	125.75	128.75	3.00	671	<1	0.4
SP-21-06	104722	128.75	131.75	3.00	280	14	0.2
SP-21-06	104723	131.75	134.75	3.00	375	13	0.2
SP-21-06	104724	134.75	137.75	3.00	465	26	0.3

HoleID	Sample_no	From_m	To_m	Interval_m	Cu ppm	Mo ppm	Ag ppm
SP-21-06	104725	137.75	140.75	3.00	672	95	0.4
SP-21-06	104726	140.75	143.75	3.00	589	6	0.5
SP-21-06	104727	143.75	146.75	3.00	779	41	0.4
SP-21-06	104728	146.75	149.75	3.00	179	39	0.5
SP-21-06	104729	149.75	152.75	3.00	135	9	<0.2
SP-21-06	104730	152.75	155.75	3.00	118	52	<0.2
SP-21-06	104731	155.75	158.75	3.00	769	17	<0.2
SP-21-06	104732	158.75	161.75	3.00	102	59	0.3
SP-21-06	104733	161.75	164.75	3.00	83	5	<0.2
SP-21-06	104734	164.75	167.75	3.00	128	5	<0.2
SP-21-06	104735	167.75	170.75	3.00	465	7	<0.2
SP-21-06	104736	170.75	173.75	3.00	310	23	0.4
SP-21-06	104737	173.75	176.75	3.00	239	26	0.3
SP-21-06	104738	176.75	179.75	3.00	383	18	0.3
SP-21-06	104739	179.75	182.75	3.00	299	74	0.4
SP-21-06	104741	182.75	185.75	3.00	343	133	0.2
SP-21-06	104742	185.75	188.75	3.00	129	12	19.5
SP-21-06	104743	188.75	191.75	3.00	92	7	<0.2
SP-21-06	104744	191.75	194.75	3.00	987	6	<0.2
SP-21-06	104745	194.75	197.75	3.00	218	21	<0.2
SP-21-06	104746	197.75	200.75	3.00	335	73	0.5
SP-21-06	104747	200.75	203.75	3.00	354	50	<0.2
SP-21-06	104748	203.75	206.75	3.00	313	17	0.2
SP-21-06	104749	206.75	209.75	3.00	250	14	0.2
SP-21-06	104750	209.75	212.75	3.00	496	44	<0.2
SP-21-06	104751	212.75	215.75	3.00	711	17	<0.2
SP-21-06	104752	215.75	218.75	3.00	602	158	0.3
SP-21-06	104753	218.75	221.75	3.00	432	20	0.5
SP-21-06	104754	221.75	224.75	3.00	490	203	0.3
SP-21-06	104755	224.75	227.75	3.00	339	83	<0.2
SP-21-06	104756	227.75	230.75	3.00	668	84	0.2
SP-21-06	104757	230.75	233.75	3.00	814	29	<0.2
SP-21-06	104758	233.75	236.75	3.00	747	87	0.3
SP-21-06	104759	236.75	239.75	3.00	457	35	0.4
SP-21-06	104761	239.75	242.75	3.00	238	85	0.5
SP-21-06	104762	242.75	245.75	3.00	241	44	0.3
SP-21-06	104763	245.75	248.75	3.00	322	<1	0.4
SP-21-06	104764	248.75	251.75	3.00	489	15	<0.2
SP-21-06	104765	251.75	254.75	3.00	539	89	0.2
SP-21-06	104766	254.75	257.52	2.77	873	88	0.3
SP-21-06	104767	257.75	258.40	0.65	8317	34	0.5
SP-21-06	104768	258.40	261.40	3.00	99	46	0.5
SP-21-06	104769	261.40	264.40	3.00	93	58	0.6
SP-21-06	104770	264.40	267.40	3.00	181	243	3.5
SP-21-06	104771	267.40	270.40	3.00	195	69	0.2
SP-21-06	104772	270.40	273.40	3.00	178	13	<0.2
SP-21-06	104773	273.40	276.40	3.00	751	36	<0.2
SP-21-06	104774	276.40	278.65	2.25	554	120	<0.2

HoleID	Sample_no	From_m	To_m	Interval_m	Cu ppm	Mo ppm	Ag ppm
SP-21-06	104775	278.65	281.65	3.00	478	25	0.2
SP-21-06	104776	281.65	284.65	3.00	300	29	0.3
SP-21-06	104777	284.65	287.65	3.00	368	50	0.3
SP-21-06	104778	287.65	290.65	3.00	460	94	0.5
SP-21-06	104779	290.65	293.65	3.00	288	91	<0.2
SP-21-06	104781	293.65	296.65	3.00	403	35	0.3
SP-21-06	104782	296.65	299.65	3.00	461	65	0.3
SP-21-06	104783	299.65	302.65	3.00	199	45	0.3
SP-21-06	104784	302.65	305.65	3.00	847	13	19.1
SP-21-06	104785	305.65	308.65	3.00	604	55	0.4
SP-21-06	104786	308.65	311.65	3.00	339	34	0.3
SP-21-06	104787	311.65	313.15	1.50	167	45	0.2
SP-21-06	104788	313.15	314.65	1.50	2551	45	0.5
SP-21-06	104789	314.65	317.65	3.00	261	58	0.4
SP-21-06	104790	317.65	320.65	3.00	519	34	<0.2
SP-21-06	104791	320.65	323.65	3.00	215	117	<0.2
SP-21-06	104792	323.65	326.65	3.00	320	689	1.0
SP-21-06	104793	326.65	329.65	3.00	121	46	<0.2
SP-21-06	104794	329.65	332.65	3.00	446	31	0.3
SP-21-06	104795	332.65	335.65	3.00	380	190	<0.2
SP-21-06	104796	335.65	338.65	3.00	118	16	0.2
SP-21-06	104797	338.65	341.25	2.60	304	15	<0.2
SP-21-06	104798	341.25	342.07	0.82	3113	41	0.2
SP-21-06	104799	342.07	345.07	3.00	288	21	0.2
SP-21-06	104801	345.07	346.18	1.11	3552	17	<0.2
SP-21-06	104802	346.18	347.50	1.32	6582	89	0.3
SP-21-06	104803	347.50	349.45	1.95	272	292	1.5
SP-21-06	104804	349.45	350.45	1.00	1231	33	0.3
SP-21-06	104805	350.45	351.95	1.50	199	<1	0.2
SP-21-06	104806	351.95	353.45	1.50	338	74	1.4
SP-21-06	104807	353.45	354.95	1.50	1041	61	2.2
SP-21-06	104808	354.95	356.45	1.50	2296	115	<0.2
SP-21-06	104809	356.45	359.45	3.00	376	83	0.7
SP-21-06	104810	359.45	362.45	3.00	193	37	0.2
SP-21-06	104811	362.45	365.45	3.00	302	23	0.3
SP-21-06	104812	365.45	368.45	3.00	191	15	0.7
SP-21-06	104813	368.45	371.45	3.00	641	109	1.5
SP-21-06	104814	371.45	374.45	3.00	285	19	0.3
SP-21-06	104815	374.45	377.45	3.00	573	13	0.2
SP-21-06	104816	377.45	380.10	2.65	278	32	0.4

Appendix II

Drill Logs

HoleID	From_m	To_m	Lithology	Comments
SP-21-05	3.00	7.70	Gd	moderately foliated Eagle Granodiorite; banding of mafics and felsics; Mafics are fine grained biotite? Or potentially some very fine/fine tourmaline alt?; lighter colour felsic bands contain weakly foliated Gd; localized ~0.5% cubic brassy py mx associated with veining; trace ~0.5cm Qtz veins; rusty fractures; rubbly contact with underlying unit;
SP-21-05	7.70	10.40	Qp	light grey to white quartz eye porphyry? Dyke??; strong QSP? (low py) alt throughout along large fracture system?; localized pinkish pot? Alt along fracture/vein selvages (~45deg TCA); localized quartz eyes? ~0.5-0.75% localized dis to blb py; rubbly contact with underlying unit;
SP-21-05	10.40	23.90	Gdr	locally rusty weak to moderate foliated Eagle Granodiorite; banding of mafics and felsics; from beginning to 15m weakly foliated Gd progressing to banded mafics and felsics as described below; Mafics are fine grained biotite? Or potentially some very fine/fine tourmaline alt?; lighter colour felsic bands contain weakly foliated Gd; from 19.30m to base returning to weakly foliated Gd; ~19.25-19.30m a 5cm predominantly gouge fault of localized Gd material (minor sericite in gouge); minor ~1-5cm light grey Qp? dykes? Near base of interval (including slight pinkish hue pot alt?); 0.5% localized blb-dis py mx; highly fracture zone mainly rubble due to fault; sharp contact with underlying dyke;
SP-21-05	23.90	25.40	Qp	light grey bleached Quartz eye porphyry to weakly foliated Gd; localized ~10-20% quartz eyes; bleached QSP? Alt with 0.5-0.75% dis-blb py? Minor pinkish colouration with trace pot? Selavges; sharp contact with underlying unit
SP-21-05	25.40	34.57	Gd	weakly foliated biotite rich granodiorite; ~80% mafic at beginning of interval grading to ~60 mafic (mainly biotite) – 40% felsic; localized bleached QSP? Alt QP dykes ~2-5cm with a 30cm dyke at 32.90-33.20m (~10-15% Quartz eyes with minor pinkish colouration weak pot alt?); ~0.5-0.75% blbs of pyrite locally stronger; dykes show ~0.25% dis py; minor localized 0.2-0.5cm Qtz veins potentially D veins (does not show mx associated with); mod sil alt throughout? Almost a blasted texture; sharp contact with underlying late porphyry;
SP-21-05	34.57	36.04	Qp	light to dark grey quartz eye to feldspar porphyry; beginning of interval shows Quartz eyes texture (~10-35% Qtz) grading to porphyritic textures; unit shows blasted sil alt texture; pinkish weakly pot? Alt throughout; ~0.5% blb-dis py with localized stronger blbs; sharp contact with underlying breccia porphyry;
SP-21-05	36.04	41.50	Bx	light to dark grey breccia porphyry; 0.2-0.5cm phenos within a light to dark grey mtz; minor localized pinkish Qp dyke cross cutting (later than bx) ~45 deg TCA; gradual rubbly contact with underlying Gd?
SP-21-05	41.50	44.00	Gd	alternating mafic to felsic bands of granodiorite; ~20-25% biotite with weak foliation; unit being cross cut by ~0.5-1.0cm Qtz D veins?; 1-5cm localized Qp dykes with pinkish pot? Alt; 0.25-0.50% dis to blb py; sil alt throughout?; gradational contact with underlying bx; sharp contact with underlying mafic dyke
SP-21-05	44.00	45.00	Gd	dark grey to black strongly mafic foliated granodiorite or mafic dyke?; appears to be cross cutting Gd; sharp contact with underlying Gd
SP-21-05	45.00	46.70	Gd	light grey weakly foliated granodiorite; trace localized ~0.5-1cm A? K selvage Qtz veins; ~1% py mx & trace mo; minor sheared surface with strong ser alt gouge running along core axis; sharp contact with underlying Md;
SP-21-05	46.70	48.70	Qp	light quartz eye porphyry with minor Bx and crosscutting Md; minor locations of ser gouge on surfaces; ~0.5% trace dis py mx; sharp contact with underlying Md
SP-21-05	48.70	54.06	Gd	dark grey to black strongly mafic foliated granodiorite or mafic dyke?; localized ~10-15cm sections of felsic Gd; localized ~10-15cm Qp dykes cutting at ~45 deg TCA with pinkish coloration K alt?; potential mylonitic section from 50.25m-50.65m showing highly foliated biotite and mylonitized Qtz clasts could be strained Qp? Minor ~0.5cm Qtz veins with very weak pinkish K alt in selvage; localized sections of mafic Gd have ~1-3% dis py; felsic Gd units near base of interval ~1% dis py mx with minor ~0.2-0.5cm A? Veins with trace K selvage; sharp contact with underlying Bx;
SP-21-05	54.06	57.70	Bx	light to dark grey breccia porphyry; 0.2-0.5cm phenos within a light to dark grey mtz; ~0.75-1% dis (with trace blebs) py mx; minor pinkish K alt on feldspar clasts; localized ~0.1cm A? Qtz veins with pinkish K alt selvage ~45 deg TCA; sharp contact with underlying Gd;
SP-21-05	57.70	63.85	Gd	pinkish to grey K (or he) dusted alt in felsic sections of granodiorite; localized strongly foliated sections of mafics show limited alt; Potentially Fp difficult to tell due to alt but mafic bands suggest Gd; strong sil? Alt within unit; Alt could be due to proximity of late fault breccia causing fluid flow; localized ser? Gouge healed fractures along core axis; ~0.75-1% py mx dis with minor sections of blbs mainly on fracture surfaces; localized ~0.1-0.3cm A? Qtz veins with trace py mx and K alt selvage; sharp contact with underlying mafic dyke;
SP-21-05	63.85	66.69	Gd	fine grained strained granodiorite; potentially mafic dyke however minor felsics visible could be sheared granodiorite; felsic granodiorite bands ~1-3cm showing asymmetrical folding visible in felsic bands (including Z structures; ~1% py mx); strong ~2-4% py within mafic zone along fractures & dis; trace cpy w/py; trace ser alt along fractures; sharp contact with underlying granodiorite; likely Z side of fold
SP-21-05	66.69	68.80	Gd	light grey to reddish pink moderately foliated granodiorite; minor bands ~5cm of mafic granodiorite; from 66.69m-67.35m strong red/pink colouration in granodiorite could be K or He alt with fluid coming through, mafics are altered and in some cases weathered out/to biotite with ser alt clay infilling and py sulfides ~1-3% dis, alt shows gradual contacts suggesting concentrated fluid flow (fold hinge?); 67.35m-68.80m slight mylonitic texture in feldspars visible; ~1-3% py mx dis and veined; trace cpy; sharp contact with underlying unit;
SP-21-05	68.80	77.30	Gd	alternating mafic and felsic bands of strained weakly to moderately foliated granodiorite; roughly half and half mafic felsic; similar to unit above; felsic bands show S fold textures; definite folding in unit likely S hinge; ~1-2% dis and trace blb py mx; minor Qp/Fp dykes ~10cm near base of interval with localized ~0.5cm Qtz veins with k alt selvage?

HoleID	From_m	To_m	Lithology	Comments
SP-21-06	0.00	5.10		overburden
SP-21-06	5.10	6.10	Gd	weakly foliated granodiorite; minor ~0.5cm peg along core axis; rubbly contact with underlying Qp;
SP-21-06	6.10	7.20	Fp	pinkish to red K alt? Quartz eye peg dyke; ~1cm wide quartz eyes could be vein breccia but very unlikely; trace py mx; rubbly contact with underlying unit;
SP-21-06	7.20	11.30	Gd	light greyish weakly foliated granodiorite; lacking alteration potentially a minor amount of secondary biotite; trace to 0.1% py mx dis; minor he stained clay along fractures (could be from drilling very rubbly core); rubbly gradual contact with underlying Gd;

HoleID	From_m	To_m	Lithology	Comments
SP-21-06	11.30	17.10	Gd	dark grey to black strongly foliated granodiorite; ~5-15cm bands of strained felsic granodiorite (early mylonitization) within a fine grained mafic granodiorite; likely a structural zone or folding; trace – 0.25% dis to minor blbs py mx; weak pinkish colouration in felsics could be weak K alt along with weak secondary biotite; rubbly sharp contact with underlying Gd;
SP-21-06	17.10	20.45	Gd	light grey mod alt granodiorite; potential sil (or possible background ser alt due to pale greenish colouration) alt increasing with depth giving it a blasted texture difficult to discern rock type; localized bands of weak foliated Gd and mafic rich bands; minor pinkish with trace K alt?; trace dis py mx; unit is rubbly; sharp contact with underlying Qp
SP-21-06	20.45	21.00	Qp	pinkish to red K alt?(with He colour alt, likely both) quartz eye porphyry; ~20-25% qtz eyes in coarse grained peg; increasing at depth py mx to ~0.5% blb with trace cpy?; sharp contact with underlying Gd; ~0.1cm qtz vein cross cutting contact so post dyke and Gd?;
SP-21-06	21.00	27.27	Gd	predominantly mafic with felsic band granodiorite; strongly foliated; minor pinkish Qp dyke from 27.56-27.74m similar to above; minor pinkish alt in felsic bands at depth in interval potential K alt; ~0.5-1% py mx along fractures and dis-blbs; strong foli unit suggests structural zone with S folds in felsic bands observed at 24.20m; 24.95m ~3cm fault with white ser alt gouge clay along quartz vein/alt sections could faulting come post mineral exploiting weakness? (greenish sil (or ser) alt along fault); localized trace ~0.1cm qtz veins along core axis; rock becomes more felsic at depth with sil? Alt; strong mylonitization at base of interval in plag & qtz grains suggest stronger strain; fault along contact with underlying Qp Peg however fault appears to be late using contact as weakpoint white ser alt clay gouge material;
SP-21-06	27.27	38.30	Fp	pinkish red with pale light grey ser? Alt sections feldspar porphyry; ~40% feldspar phenos localized ~10-20% quartz <0.1cm phenos within a fine grained reddish mtz; trace – 0.2% py mx mainly on fractures; localized ~0.1-0.3cm qtz veins A? Lacking mx and alt predominantly along core axis; fracture surfaces are predominantly slickensides; sharp contact with underlying Gd;
SP-21-06	38.30	44.81	Gd	mod to strong alt white to light green ser? (or potential chl) weakly foliated granodiorite; localized pinkish sections appear to be quartz eye peg dykes; strong ser/chl alt throughout cutting through Gd and late Qd Peg dykes suggesting late Ser/chl alt (similar to what is seen along fractures); Gd host appears to be strong foliated (structurally active zone); ~0.25-0.75% dis py within mtz (alt does not appear to add mx); @ 43.20m ~2cm vn ~80 deg TCA qtz with pot selvage trace mol mx and chl alt in vn; sharp contact with underlying Qp Peg dyke
SP-21-06	44.81	45.66	Qp	pinkish quartz eye porphyry/ peg dyke; ~2-4cm quartz eyes within a coarse felsic mtz; minor ser alt along fractures, however decreasing ser alt in this unit from above; ~0.25-0.5% py mx along fractures; banded contact with underlying Gd;
SP-21-06	45.66	57.65	Gd	light grey to black strongly foliated granodiorite; unit is strongly differentiated between fine grained mafic rich bands and felsic rich weakly foliated bands; highly strained interval?; weak pinkish colour in felsic bands potentially k alt; trace ser alt proximal to py mx; mod sec bio with fine py mx; minor graphite along fractures; ~0.5-0.75% dis py mx in sec bio/mafic and along fractures; trace cpy?; sharp contact with underlying mafic dyke likeli minor flt zone with ser alt in gouge
SP-21-06	57.65	63.67	Md	dark grey magnetic mafic dyke; ~10% hbl phenos ~0.05-0.1cm phenos within a dark grey very fine mtz; ~1-5% calcite amygdules; trace ~0.1cm 5% cal veinlets; mafic cross cut Gd potentially latest unit; 61.35-61.55m minor wk foli Gd xeno?; sharp contact with underlying Gd;
SP-21-06	63.67	65.12	Gd	light grey wk foli Gd; minor K alt in selv along with late? Ser alt vein/frac; minor sil alt throughout?; ~0.5-0.75% dis py mx predominantly in sec bio and blbs along fractures; sharp contact with underlying Md;
SP-21-06	65.12	66.00	Md	dark grey magnetic mafic dyke; ~10% hbl phenos ~0.05-0.1cm phenos within a dark grey very fine mtz; ~1-5% calcite amygdules; trace ~0.1cm 5% cal veinlets; mafic cross cut Gd potentially latest unit; sharp contact with underlying Gd;
SP-21-06	66.00	72.05	Gd	light grey wk to mod foli Gd; minor bands of fine grained mafics predominantly felsic bands; localized ~2-10cm Qp & Fp peg dykes
SP-21-06	72.05	73.83	Md	dark grey magnetic mafic dyke; ~10% hbl phenos ~0.05-0.1cm phenos within a dark grey very fine mtz; ~1-5% calcite amygdules; trace ~0.1cm 5% cal veinlets; mafic cross cut Gd potentially latest unit; sharp contact with underlying Gd; chill margin;
SP-21-06	73.83	77.45	Gd	light grey weakly foliated gd; localized 1cm to 15cm Qp pinkish colour kalt?; 0.75-1% dis py; localized 0.22-0.5cm qtz>chl>moly veins; localized ser alt late? Along fractures; sharp contact with underlying Qp peg dyke
SP-21-06	77.45	80.95	Qp	~60% pinkish Qp peg dykes ~40% pinkish alt K? Gd; Qp dykes coarse grained with 20% 1-3cm quartz eyes; pinkish colour K alt? Dark reddish colour min He alt?; ~0,25% dis py lacking vns; peg dykes have sharp contacts with underlying Gd
SP-21-06	80.95	96.13	Gd	light grey wk to mod foli Gd; wk to mod K alt in selvage of qtz+/-chl>moly veins and minor fractures (along veins?); localized ser gouge alt along fracture with minor zones of replacement in Gd; trace – 0.25% dis py in Gd; from 86.75-91.90m localised ~0.5-3cm qtz+/-chl>moly with wk K selvage; veining is ~45 deg TCA; strong moly mx in veining (blb) @ 90.34m; unit is all felsic granodiorite and lacking major fine grained sections (due to structure) may potentially be a competent fold hinge; sharp contact with underlying mafic dyke;
SP-21-06	96.13	99.83	Md	dark grey magnetic mafic dyke; ~10% hbl phenos ~0.05-0.1cm phenos within a dark grey very fine mtz; ~1-5% calcite amygdules; trace ~0.1cm 5% cal veinlets; mafic cross cut Gd potentially latest unit; from 97.18-97.58m; sharp contact with underlying Gd; chill margin;
SP-21-06	99.83	112.95	Gd	wk foli Gd; minor <10cm localized peg dykes; qtz-chl/ser>moly>py-cpy veins with K alt selvage; localized zones with strong ser/chl alt (potentially along fractures); ~localized moly>py-cpy mx with ~0.1-0.3cm vein/vienlets; veining is ~45-75 deg TCA; rubbly contact with underlying veined? Unit;
SP-21-06	112.95	113.60	FLT	Rubbly section with white ser alt gouge; potentially fault could be strongly ser alt unit that the drill crushed up; faulted contact with underlying unit?

HoleID	From_m	To_m	Lithology	Comments
SP-21-06	113.60	149.60	Gd	wk to mod foli Gd; ~1-15cm Qp peg dykes throughout with K selvage; localized ~0.1-1cm qtz-chl-ser>py>cpy (ser selvage) & qtz-moly+/-py (K selvage) veins throughout the unit with wk k alt selvage; veins trend ~45-70 deg TCA; minor vein set of qtz-chl; cpy mx in veining appears to be increasing with depth; qtz-chl-ser>py>cpy (ser selvage) veining increasing with depth appears to cross cut earlier? Qtz-moly with K selvage veining; 127.80-128.15m & 143.80-144.25m dark mafic fine grained Gd with ~2-3% py>cpy dis mx (unit shows strongest dis py>cpy mx, potentially a receptive unit to mx); fracture surfaces show ser alt gouge material (potentially fractured along qtz-ser-py>cpy veins); gradual contact with underlying strongly ser alt Gd;
SP-21-06	149.60	158.10	Gd	white to pinkish strongly ser to sil (with mod K alt?) Gd; local Qp peg dykes increasing at depth; 149.60-151.70m strong white ser? Alt with ~1-3% qtz veins causing ser alt?; 151.70-158.70m strong sil alt transitioning from the ser alt; sil alt zone has pinkish colouration K alt? However sil alt appears to be overprinting K alt (could be related to ser alt?); localized qtz veining within ser alt; ~0.5-1% qtz-ser-py>cpy vein/veinlets throughout unit could be stronger due to strong ser alt; ~0.5% dis py; sharp pinkish alt contact with underlying Gd;
SP-21-06	158.10	187.60	Gd	wk foli Gd; mod sil alt throughout unit; unit grades from felsic-mafic Gd to stronger fine grained Gd; minor localized ~1-3cm peg dykelets; ~1-2% qtz-ser-py veinlets (with the ser selvage); trace localized k selvage in veinlets; ~1-2% py>>cpy mx along fractures however fractures likely along qtz-ser-py vein/veinlets; minor localized qtz-moly-py>>cpy veins ~0.5-2cm with k alt selv; minor Qp peg ~60cm dykes near base of unit; minor mafic dyke 165.60-165.90m sharp contact with underlying Qp peg dyke; 0.5-1% dis py
SP-21-06	187.60	191.92	Qp	coarse grained pinkish Qp Peg dyke with minor fine grained Gd within unit; strong pinkish k alt? Throuhgout; ~1-2% 0.5-1cm qtz-ser-py>cpy veins (ser selvage) ~45 deg TCA; trace - 0.25% dis py in minor mafic replacement (outside vein mx); sharp contact with underlying Gd;
SP-21-06	191.92	232.42	Gd	varying fine grained mafic rich and wk foli felsic Gd; trace localized pinkish k alt in selvage; minor localized ~1-2cm dykelttes and a 45cm vein @ 213.10-213.50m; ~1-3% qtz-ser-py>cpy veinlets throuhgout the unit (with ser selvage) ~45deg TCA; ~0.25% dis py mx in felsic sections & ~1-3% dis py mx in fine grained mafic sections (continuing to see increase in dis mx within mafic sections); main mx is observed in qtz-ser veins and fractures which are likely on that vein set; slight increase in qtz-moly-py veins proximal to the base of the unit; sharp contact with underlying Qp coarse grained peg dyke; strong ser alt proximal to base of interval;
SP-21-06	232.42	233.65	Qp	pinkish to red K alt? Coarse grained peg dykes; darker red colouration likely He staining?; localized 0.5-1cm qtz-chl-mo-py-cpy veins; minor veinlets with ser alt selv; ~0.25% dis py; sharp contact with underlying Gd;
SP-21-06	233.65	241.10	Gd	wk sil alt wk foli Gd; ~1% qtz-ser-py veinlets & 0.5% qtz-py (with K alt selv) veins; shar contact with underlying dyke; Qp coarse grained peg dyke from 237.20-237.90m; mafic Gd sections ~1-2% dis py mx; sharp contact with underlying dyke;
SP-21-06	241.10	242.20	Qp	pinkish to red K alt? Coarse grained peg dykes; darker red colouration likely He staining?; white colouration at base of interval potentially with decrease in K alt?; localized 0.5-1cm qtz-chl-mo-py-cpy veins; minor veinlets with ser alt selv; ~0.25% dis py; sharp contact with underlying Gd;
SP-21-06	242.20	257.70	Gd	wk foli Gd; localized 1-10cm Qp Peg dykes; ~trace -0.5% qtz-ser-py veinlets & trace - 0.5% qtz-py>cpy (with K alt selv) veins; localized sections of strong ser alt; localized sections of mafic with ~1-2% dis py mx; localized 0.5cm qtz-chl-moly-py veins 243m-246m; near base of interval fine mafic bands show ~1-3% dis-blb py m; sharp contact with strong veining at base of interval;
SP-21-06	257.70	261.20	Qp	pinkish to red coarse grained Qp Peg dyke; minor frags (wall rock?) of greenish alt Gd; pinkish colouration = k alt?; along contact with upper unit strong 2cm ~65cm qtz-py-cpy-ser (blb py & cpy) vein travelling along core axis, vein intersects both the Gd and Peg (mx is post peg and Gd potentially exploited fractures along contact weakness?; veining appears in the Gd in Peg could there potentially having the Peg follow the vein sets?); additional minor additional ~0.5-1cm qtz-py-cpy-ser veins; ~trace to 0.25% dis py mx; gradual contact with underlying unit
SP-21-06	261.20	265.20	Qp	bleach white alternating strongly alt alternating wk foli Gd? (original textures visible in minor sections) & coarse grained Qp Peg dyke? (coarse phenos visible however appears alt as well); rock is competent potentially early ser? Or pot? Alt to bleach with a sil overprint? Or potentially reaction rim to larger peg dyke (cotnact appears at close to core axis so potentially a minor zone however piping it; minor qtz-ser-py veinlets and minor veinlets with K selv over appear to be overprinted by bleach coloured alt; ~5% narrow 0.1cmx1cm secondary? Biotite books; contatcs of peg dyke and Gd show reddish 0.2cm subhedral garnet phenos? (red, hard, shape); ~trace to 0.25% dis py mx; sharp contact with underlying wk foli Gd
SP-21-06	265.20	311.65	Gd	light grey wk foli Gd; localied ~1-30cm pinkish Qp coarse grained peg dykes (k alt selv); ~0.2-1cm ~1-2% qtz-ser-py-cpy veins/veinlettes varying in concentration throughout (localized veins contain blbs of ~0.5-1cm py-cpy); ~trace-0.5% qtz>chl>>moly-py veinlettes with K alt selv; ~0.25-1% dis py with localized mafic rich sections/ mafic foliations in Gd showing higher py concentration (py>>cpy mx along fracture surfaces); from 293.00-300.30m unit shows a brownish colouration which is likely strong sil alt (very hard) and making it difficult to discern txt, likely Gd with week foli visible in sections and wk foli plag phenos (potentially minor sections of late feld porphyry from ~293.10-293.70m however porphyritic texture potentially just altered Gd); bull qtz vein from 302.10-302.40m; 277.00-277.40m ~1-2cm coarse grained peg dyke cross cutting foli in Gd, however dark streaks through dyke likely secondary mafic (bio?) and chl altering mafic foli in Gd and travelling on planes of weakness and filling associated fractures within Peg dyke; 278.60-281.45m unit shows porphyritic texture ~40-50% subhedral plag ~10% qtz? Phenos ~10% black hbl? phenos ~40-50% fine black mafic mtz ~0.5-2% dis py mx potentially unfoliated Gd or feldspar porphyry; 300.85-302.10m greyish localied QSP alt? in Gd; sharp undulating contact with underlying peg dyke;
SP-21-06	311.65	314.75	Qp	strong ~2-3cm ~1.5m qtz-moly-cpy-py vein with strong ser selvage within the dyke (likely occuring along the contact of peg dyke and Gd (similar to 257.70-261.20m)); mx occurs in blbs within the vein;; qtz is greyish and appears to be an A vein; sharp varaying contact with underlying Gd;
SP-21-06	314.75	336.30	Gd	wk foli Gd; localized peg dykelettes; unit shows strong ~2-5% qtz-ser-py>cpy veinlets (trace veins) & ~0.5% qtz-py>>cpy veins (with k selv); localized peg dykes increasing at depth; sharp contact with underlying dyke close to core axis;

HoleID	From_m	To_m	Lithology	Comments
SP-21-06	336.30	338.15	Qp	pinkish coarse grained peg dyke; strong ~5cm quartz phenos (does not appear to be veining); near the base of interval dyke is a bleached white colouration with the garnet? Phenos with black biotite books (likely chilled margin of peg dyke as observed shallower in the hole); sharp contact along core axis with underlying Gd;
SP-21-06	338.15	380.10	Gd	light grey wk foli Gd; localized Qp peg dykes; 341.25-342.07m strong 1-2cm Qtz-py-cpy-moly vein with ser selvage (moly fine grained along edge of vein with blebby py-cpy) travelling roughly along core axis; similar 345.40-347.60m strong 1-2cm Qtz-cpy-py-moly vein (strongest cpy mx observed in hole) with ser selvage (moly fine grained along edge of vein with blebby py-cpy) travelling roughly along core axis; 349.50-350.45m; strong veining shows similar characteristic 1) Qtz-ser-py-cpy>>moly with blebby py-cpy and fine moly along edges of vein 2) grey colouration Qtz 3) undulating texture 4) ser selvage with a greyish hue to the wall rock 5) oriented along core axis; Potentially early A veins or later veins; minor Qtz-moly-py with K selvage veining cutting a high angle TCA almost perpendicular to the Qtz-ser-py-cpy>>moly veining (minor evidence of Qtz-k vein cross cutting Qtz-ser vein however require more evidence); ~12% Qtz-ser-py>cpy veinlets (trace veins) & ~0.5% Qtz-py>>cpy veins (with k selv) from 350.60m to base of interval; ~0.5-1.5% dis py>>cpy; 372.35-373.30m bleached white coarse grained peg dyke with Gd frags within contact ~45 TCA;

Appendix III

Assay Certificates



MSALABS

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TEST REPORT: YVR2110639

Project Name: Spius
Job Received Date: 30-Jun-2021
Job Report Date: 26-Jul-2021
Number of Samples: 139
Report Version: Final

COMMENTS:

Test results reported relate to the tested samples only on an "as received" basis. Unless otherwise stated above, sufficient sample was received for the methods requested and all samples were received in acceptable condition. Analytical results in unsigned reports marked "provisional" are subject to change, pending final QC review and approval. The customer has not provided any information that can affect the validity of the test results. Please refer to MSALABS' Schedule of Services and Fees for our complete Terms and Conditions. Preliminary results are applicable when a portion of samples in a job is 100% completed and reported or 1 of a number of methods on the same job have been completed 100%. Results cannot change, but additional results or results for additional methods can be added.

SAMPLE PREPARATION	
METHOD CODE	DESCRIPTION
PRP-910	Dry, Crush to 70% passing 2mm, Split 250g, Pulverize to 85% passing 75µm

ANALYTICAL METHODS	
METHOD CODE	DESCRIPTION
ICP-130	Multi-Element, 0.5g, 3:1 Aqua Regia, ICP-AES, Trace Level

Signature:

Yvette Hsi, BSc.
Laboratory Manager
MSALABS



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 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Ridgeline Exploration Services**
335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
---------------------	-------------------

Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
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Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	
				Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm
		0.01	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1
Granite Blank	QC-P-BK	--		<0.2	0.67	<2	<10	43	<0.5	<2	0.56	<0.5	3
Granite Blank	QC-P-BK	--		<0.2	0.72	<2	<10	45	<0.5	<2	0.60	<0.5	3
104701	Core	4.10		0.5	0.78	35	<10	262	<0.5	<2	1.15	<0.5	6
104702	Core	5.22		0.3	0.60	<2	<10	158	<0.5	<2	0.72	<0.5	3
104703	Core	9.26		0.6	0.72	<2	<10	253	<0.5	<2	0.66	<0.5	4
104704	Core	2.69		0.2	0.65	<2	<10	213	<0.5	<2	0.66	<0.5	3
104705	Core	8.27		0.3	0.66	<2	<10	200	<0.5	<2	0.81	<0.5	3
104706	Core	6.61		0.5	0.65	30	<10	245	<0.5	<2	0.80	<0.5	4
104707	Core	7.39		0.4	0.33	5	<10	105	<0.5	<2	0.44	<0.5	1
104708	Core	8.05		<0.2	0.58	4	<10	175	<0.5	<2	0.46	<0.5	3
104709	Core	5.39		0.4	0.71	<2	<10	233	<0.5	<2	0.50	<0.5	4
104710	Core	4.71		0.4	0.70	<2	<10	227	<0.5	<2	0.38	<0.5	4
104711	Core	6.47		0.9	0.59	5	<10	225	<0.5	<2	0.90	0.6	4
104712	Core	7.59		0.3	0.64	<2	<10	197	<0.5	<2	0.68	<0.5	3
104713	Core	7.85		0.3	1.00	<2	<10	273	<0.5	<2	0.91	<0.5	6
104714	Core	5.75		0.3	0.71	6	<10	295	<0.5	<2	0.74	<0.5	4
104715	Core	7.88		0.6	0.68	22	<10	292	<0.5	<2	1.09	0.7	4
104716	Core	4.43		0.4	0.73	<2	<10	204	<0.5	<2	0.59	<0.5	4
104717	Core	7.53		0.2	0.65	<2	<10	201	<0.5	<2	0.62	<0.5	4
104718	Core	7.75		0.4	0.70	<2	<10	238	<0.5	<2	1.34	<0.5	4
104719	Core	7.45		<0.2	0.82	2	<10	228	<0.5	<2	0.51	<0.5	4
104720	Rock	1.28		0.4	0.02	<2	<10	<10	<0.5	<2	20.08	0.8	<1
104721	Core	7.70		0.2	0.80	<2	<10	206	<0.5	<2	0.46	<0.5	5
104721PD	QC-PD	--		0.3	0.77	<2	<10	200	<0.5	<2	0.38	<0.5	5
104722	Core	8.17		0.2	0.86	<2	<10	227	<0.5	<2	0.44	<0.5	5

***Please refer to the cover page for comments regarding this test report. ***



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To: **Ridgeline Exploration Services**
335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
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Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	ICP-130 Ag	ICP-130 Al	ICP-130 As	ICP-130 B	ICP-130 Ba	ICP-130 Be	ICP-130 Bi	ICP-130 Ca	ICP-130 Cd	ICP-130 Co
				ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
		0.01	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1
104723	Core	6.78		0.3	0.76	<2	<10	176	<0.5	<2	0.45	<0.5	4
104724	Core	7.56		0.4	0.72	2	<10	195	<0.5	<2	0.71	<0.5	4
104725	Core	7.47		0.5	0.64	<2	<10	144	<0.5	<2	0.55	<0.5	3
104726	Core	7.47		0.4	0.72	4	<10	267	<0.5	<2	0.84	<0.5	4
104727	Core	6.96		0.5	0.76	<2	<10	211	<0.5	<2	0.86	<0.5	5
104728	Core	7.60		<0.2	0.73	3	<10	163	<0.5	<2	0.75	<0.5	4
104729	Core	7.27		<0.2	0.36	13	<10	328	<0.5	<2	1.45	<0.5	1
104730	Core	7.08		<0.2	0.29	3	<10	226	<0.5	<2	0.49	<0.5	<1
104731	Core	6.56		0.3	0.45	31	<10	365	<0.5	<2	0.89	0.5	2
104732	Core	6.98		<0.2	0.61	<2	<10	174	<0.5	<2	0.50	<0.5	3
104733	Core	7.81		<0.2	0.51	<2	<10	275	<0.5	3	0.85	<0.5	3
104734	Core	7.80		<0.2	0.52	6	<10	157	<0.5	<2	1.49	<0.5	5
104735	Core	7.16		0.4	0.34	11	<10	222	<0.5	<2	1.00	<0.5	3
104736	Core	8.71		0.3	0.52	4	<10	211	<0.5	<2	1.14	<0.5	7
104736PD	QC-PD	--		0.3	0.57	<2	<10	203	<0.5	<2	1.14	<0.5	8
104737	Core	7.31		0.3	0.66	3	<10	219	<0.5	<2	0.80	<0.5	5
104738	Core	7.36		0.4	0.50	6	<10	161	<0.5	<2	1.01	<0.5	4
104739	Core	6.67		0.2	0.52	<2	<10	196	<0.5	<2	0.82	<0.5	3
104740	Pulp	0.12		19.5	1.77	323	<10	22	<0.5	12	1.93	46.1	19
104741	Core	8.09		<0.2	0.50	<2	<10	128	<0.5	<2	0.31	<0.5	3
104742	Core	7.27		<0.2	0.50	<2	<10	141	<0.5	<2	0.45	<0.5	2
104743	Core	7.36		<0.2	0.25	2	<10	163	<0.5	<2	0.88	<0.5	1
104744	Core	7.81		0.5	1.66	3	<10	132	<0.5	<2	1.68	<0.5	11
104745	Core	7.58		<0.2	0.56	<2	<10	168	<0.5	<2	0.79	<0.5	4
104746	Core	7.37		0.2	0.63	<2	<10	156	<0.5	<2	0.66	<0.5	4

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Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	ICP-130 Ag ppm	ICP-130 Al %	ICP-130 As ppm	ICP-130 B ppm	ICP-130 Ba ppm	ICP-130 Be ppm	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm
		0.01	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1
104747	Core	7.50		0.2	1.69	<2	<10	172	<0.5	<2	1.39	<0.5	10
104748	Core	7.30		<0.2	0.54	<2	<10	146	<0.5	<2	0.52	<0.5	4
104749	Core	7.38		<0.2	0.59	<2	<10	137	<0.5	2	0.54	<0.5	4
104750	Core	7.29		0.3	0.69	<2	<10	165	<0.5	<2	0.82	<0.5	5
104751	Core	7.69		0.5	0.69	<2	<10	186	<0.5	<2	0.99	<0.5	5
104752	Core	7.58		0.3	0.52	<2	<10	132	<0.5	<2	0.43	<0.5	4
104753	Core	7.77		<0.2	0.96	<2	<10	250	<0.5	<2	0.78	<0.5	6
104754	Core	7.06		0.2	0.81	<2	<10	195	<0.5	<2	1.19	<0.5	6
104755	Core	7.70		<0.2	0.79	<2	<10	221	<0.5	<2	0.66	<0.5	5
104756	Core	7.22		0.3	1.00	<2	<10	298	<0.5	<2	0.84	<0.5	7
104757	Core	7.71		0.4	0.47	45	<10	241	<0.5	<2	0.95	<0.5	5
104758	Core	7.54		0.5	1.13	2	<10	247	<0.5	<2	1.60	<0.5	10
104759	Core	6.91		0.3	0.52	<2	<10	183	<0.5	<2	0.79	<0.5	4
104760	Rock	1.04		0.4	0.02	<2	<10	11	<0.5	<2	>25	<0.5	<1
104761	Core	7.77		<0.2	0.56	<2	<10	158	<0.5	<2	0.83	<0.5	4
104762	Core	7.14		0.2	0.80	<2	<10	165	<0.5	<2	0.81	<0.5	5
104763	Core	7.40		0.3	0.78	7	<10	148	<0.5	<2	0.94	<0.5	5
104764	Core	7.56		0.5	0.60	21	<10	193	<0.5	<2	1.23	<0.5	5
104765	Core	7.64		0.5	0.63	53	<10	139	<0.5	<2	1.52	<0.5	6
104766	Core	6.76		0.6	0.72	3	<10	142	<0.5	<2	0.96	<0.5	6
104767	Core	2.35		3.5	0.38	8	<10	24	<0.5	<2	1.01	1.5	29
104768	Core	7.41		0.2	0.31	3	<10	192	<0.5	<2	0.97	<0.5	<1
104769	Core	7.56		<0.2	0.34	<2	<10	74	<0.5	<2	0.37	<0.5	2
104770	Core	7.18		<0.2	0.51	2	<10	121	<0.5	<2	1.06	<0.5	4
104771	Core	7.59		<0.2	0.78	<2	<10	168	<0.5	<2	1.02	<0.5	4

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Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
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 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	
				Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm
		0.01	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1
104772	Core	7.43		0.2	0.87	<2	<10	150	<0.5	<2	1.34	<0.5	6
104773	Core	7.18		0.3	0.91	<2	<10	197	<0.5	<2	1.23	<0.5	7
104774	Core	5.86		0.3	0.70	<2	<10	137	<0.5	<2	1.16	<0.5	5
104775	Core	7.40		0.5	0.93	3	<10	177	<0.5	<2	1.12	<0.5	5
104776	Core	7.66		<0.2	0.67	<2	<10	187	<0.5	<2	0.90	<0.5	4
104777	Core	7.35		0.3	0.84	<2	<10	180	<0.5	3	0.82	<0.5	5
104778	Core	7.48		0.3	0.65	3	<10	126	<0.5	<2	1.55	<0.5	4
104779	Core	7.34		0.3	0.63	<2	<10	161	<0.5	<2	0.98	<0.5	4
104780	Pulp	0.12		19.1	1.82	278	<10	26	<0.5	10	2.13	46.4	17
104781	Core	7.71		0.4	0.46	10	<10	94	<0.5	<2	1.62	0.6	4
104782	Core	7.76		0.3	0.67	11	<10	102	<0.5	<2	1.31	<0.5	5
104783	Core	7.48		0.2	0.52	2	<10	104	<0.5	<2	0.82	<0.5	3
104784	Core	6.99		0.5	0.78	<2	<10	103	<0.5	<2	1.05	<0.5	9
104785	Core	7.16		0.4	0.67	<2	<10	84	<0.5	<2	1.41	<0.5	5
104786	Core	7.86		<0.2	0.63	3	<10	106	<0.5	<2	1.37	<0.5	5
104787	Core	3.83		<0.2	0.45	<2	<10	146	<0.5	<2	1.14	<0.5	3
104788	Core	3.73		1.0	0.30	<2	<10	89	<0.5	<2	1.03	<0.5	3
104788PD	QC-PD	--		2.7	0.31	<2	<10	101	<0.5	<2	1.08	0.5	2
104789	Core	8.22		<0.2	0.76	<2	<10	127	<0.5	<2	1.04	<0.5	6
104790	Core	7.83		0.3	0.82	2	<10	193	<0.5	<2	1.02	<0.5	6
104791	Core	7.22		<0.2	0.84	<2	<10	256	<0.5	<2	0.92	<0.5	5
104792	Core	7.65		0.2	0.86	<2	<10	218	<0.5	<2	0.80	<0.5	5
104793	Core	7.49		<0.2	0.88	<2	<10	201	<0.5	<2	0.74	<0.5	5
104794	Core	7.62		0.2	0.72	<2	<10	217	<0.5	<2	0.70	<0.5	4
104795	Core	7.34		0.2	0.80	<2	<10	244	<0.5	<2	0.90	<0.5	4

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TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
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Sample ID	Sample Type	PWE-100	Method Analyte Units	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130
		Rec. Wt. kg		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm
		0.01	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1
104796	Core	7.44		<0.2	0.44	<2	<10	105	<0.5	<2	0.67	<0.5	2
104797	Core	6.53		0.3	0.89	<2	<10	294	<0.5	<2	0.91	<0.5	5
104798	Core	2.18		1.5	0.96	<2	<10	78	<0.5	<2	1.81	<0.5	11
104799	Core	7.60		0.3	1.05	<2	<10	259	<0.5	<2	0.98	0.5	6
104800	Rock	2.25		0.2	0.02	<2	<10	<10	<0.5	<2	20.76	0.7	<1
104801	Core	2.80		1.4	0.51	19	<10	47	<0.5	21	1.97	0.6	13
104802	Core	3.20		2.2	0.64	73	<10	45	<0.5	<2	1.59	0.6	16
104802PD	QC-PD	--		1.7	0.68	54	<10	57	<0.5	<2	1.65	<0.5	13
104803	Core	4.92		<0.2	0.88	<2	<10	178	<0.5	<2	1.05	<0.5	6
104804	Core	2.64		0.7	0.95	<2	<10	52	<0.5	3	0.97	<0.5	9
104805	Core	3.97		0.2	0.78	<2	<10	160	<0.5	<2	0.79	<0.5	5
104806	Core	3.95		0.3	0.69	<2	<10	184	<0.5	<2	0.99	<0.5	5
104807	Core	3.87		0.7	0.86	9	<10	297	<0.5	<2	0.88	<0.5	6
104808	Core	3.73		1.5	0.79	<2	<10	108	<0.5	<2	1.36	0.5	7
104809	Core	7.15		0.3	0.85	<2	<10	238	<0.5	<2	0.69	<0.5	6
104810	Core	7.14		0.2	0.85	9	<10	292	<0.5	<2	0.93	<0.5	5
104811	Core	8.47		0.4	0.63	6	<10	144	<0.5	<2	1.00	<0.5	5
104812	Core	7.56		0.3	0.76	<2	<10	188	<0.5	<2	1.03	<0.5	5
104813	Core	7.12		0.3	0.79	<2	<10	238	<0.5	<2	0.70	<0.5	6
104814	Core	7.54		0.2	0.71	<2	<10	224	<0.5	<2	0.72	<0.5	4
104815	Core	7.69		0.4	0.76	<2	<10	209	<0.5	<2	0.80	<0.5	6
104816	Core	6.98		0.3	0.81	<2	<10	231	<0.5	<2	0.75	<0.5	5
104817	Core	7.91		0.2	1.30	<2	<10	299	<0.5	<2	0.44	<0.5	8
104818	Core	6.82		0.2	0.28	<2	<10	148	<0.5	<2	0.07	<0.5	2
104819	Core	7.45		0.3	0.78	<2	<10	197	<0.5	<2	0.35	<0.5	5

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Sample ID	Sample Type	PWE-100	Method Analyte Units	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	ICP-130	
		Rec. Wt. kg		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm
		0.01	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1
104820	Pulp	0.12		58.7	0.69	1658	21	<10	<0.5	<2	1.93	79.2	41
104821	Core	7.77		0.3	0.92	<2	<10	204	<0.5	<2	0.37	<0.5	5
104822	Core	7.76		0.4	0.65	<2	<10	138	<0.5	<2	0.39	<0.5	5
104823	Core	7.49		0.3	0.63	<2	<10	130	<0.5	<2	0.49	<0.5	7
104824	Core	5.99		0.5	0.55	<2	<10	167	<0.5	<2	0.52	<0.5	4
104825	Core	5.60		0.6	0.78	<2	<10	193	<0.5	<2	0.56	<0.5	5
104826	Core	7.11		0.8	1.75	<2	<10	280	<0.5	<2	0.95	<0.5	13
104827	Core	7.26		0.6	1.28	<2	<10	309	<0.5	<2	0.82	<0.5	10
104828	Core	8.51		<0.2	1.52	<2	<10	444	<0.5	<2	0.66	<0.5	9
104828PD	QC-PD	--		0.3	1.48	<2	<10	449	<0.5	<2	0.70	<0.5	10
104829	Core	7.17		0.7	0.94	<2	<10	215	<0.5	<2	0.61	<0.5	7
104830	Core	4.60		1.4	0.73	<2	<10	219	<0.5	<2	0.89	<0.5	5
104831	Core	4.62		1.0	0.54	<2	<10	268	<0.5	<2	1.02	<0.5	5
104832	Core	7.76		0.6	0.67	<2	<10	304	<0.5	<2	0.70	<0.5	5
104833	Core	6.35		0.5	0.47	<2	<10	245	<0.5	<2	0.70	0.8	5
104834	Core	8.67		0.4	2.03	<2	<10	205	<0.5	3	1.02	<0.5	17
104835	Core	3.20		5.0	1.49	<2	<10	118	<0.5	<2	1.15	2.0	18
104836	Core	7.21		0.4	1.08	<2	<10	276	<0.5	<2	0.69	<0.5	5
104837	Core	7.02		0.2	1.05	<2	<10	280	<0.5	<2	0.72	<0.5	4
104838	Core	4.54		0.6	1.11	<2	<10	313	<0.5	<2	1.08	<0.5	5
104839	Core	6.30		0.7	1.11	11	<10	297	<0.5	<2	1.10	<0.5	6

***Please refer to the cover page for comments regarding this test report. ***



MSALABS
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Ridgeline Exploration Services**
335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
---------------------	-------------------

Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	ICP-130 Ag ppm	ICP-130 Al %	ICP-130 As ppm	ICP-130 B ppm	ICP-130 Ba ppm	ICP-130 Be ppm	ICP-130 Bi ppm	ICP-130 Ca %	ICP-130 Cd ppm	ICP-130 Co ppm
		0.01	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1
DUP 104765				0.4	0.61	55	<10	126	<0.5	<2	1.52	<0.5	6
DUP 104814				0.3	0.69	<2	<10	231	<0.5	<2	0.71	<0.5	5
DUP 104827				0.6	1.28	<2	<10	299	<0.5	<2	0.82	<0.5	10
STD BLANK				<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1
STD BLANK				<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1
STD BLANK				<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1
STD OREAS 20a				<0.2	2.38	17	<10	488	0.7	<2	0.87	<0.5	12
STD OREAS 601				48.8	0.86	304	<10	157	0.6	21	1.07	7.8	5
STD OREAS 20a				<0.2	2.36	16	<10	487	0.7	<2	0.83	<0.5	12

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Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm	ICP-130 Mg %	ICP-130 Mn ppm	ICP-130 Mo ppm	ICP-130 Na %	ICP-130 Ni ppm	ICP-130 P ppm
	1	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10
Granite Blank	18	3	1.68	<10	<1	0.06	<10	0.41	386	4	0.04	2	386
Granite Blank	19	3	1.64	<10	<1	0.06	<10	0.39	373	3	0.05	<1	398
104701	18	554	2.12	<10	<1	0.24	<10	0.55	391	7	0.05	3	610
104702	21	670	1.51	<10	<1	0.23	<10	0.43	347	24	0.06	2	568
104703	23	727	1.72	<10	<1	0.29	<10	0.44	312	85	0.07	3	533
104704	30	459	1.61	<10	<1	0.29	<10	0.38	305	831	0.07	2	494
104705	27	608	1.70	<10	<1	0.23	<10	0.43	333	18	0.07	2	477
104706	27	815	1.60	<10	<1	0.24	<10	0.42	275	225	0.07	2	448
104707	25	466	0.89	<10	<1	0.14	<10	0.16	227	14	0.06	2	179
104708	26	298	1.52	<10	<1	0.26	<10	0.32	306	9	0.07	2	399
104709	24	513	1.79	<10	<1	0.32	<10	0.45	332	15	0.07	2	456
104710	25	628	1.80	<10	<1	0.31	<10	0.45	289	27	0.08	2	482
104711	25	1321	1.46	<10	<1	0.20	<10	0.38	293	136	0.06	3	461
104712	26	383	1.58	<10	<1	0.24	<10	0.39	319	114	0.07	4	421
104713	23	394	2.65	<10	<1	0.42	<10	0.68	564	21	0.09	3	1063
104714	25	620	1.69	<10	<1	0.29	<10	0.42	324	52	0.07	3	524
104715	26	769	1.63	<10	<1	0.26	<10	0.42	327	70	0.06	2	478
104716	26	577	1.84	<10	<1	0.31	<10	0.47	339	453	0.09	3	517
104717	26	290	1.74	<10	<1	0.27	<10	0.40	331	38	0.07	2	509
104718	23	583	2.21	<10	<1	0.24	<10	0.55	426	26	0.07	2	706
104719	25	362	2.02	<10	<1	0.34	<10	0.52	385	53	0.09	3	573
104720	<1	2	0.15	<10	<1	<0.01	<10	13.40	102	<1	<0.01	<1	18
104721	21	671	1.92	<10	<1	0.35	<10	0.53	345	14	0.09	3	552
104721PD	25	735	1.89	<10	<1	0.34	<10	0.47	328	31	0.09	2	529
104722	26	280	2.14	<10	<1	0.40	<10	0.55	396	13	0.10	4	611

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To: **Ridgeline Exploration Services**
335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	ICP-130 Cr ppm 1	ICP-130 Cu ppm 1	ICP-130 Fe % 0.01	ICP-130 Ga ppm 10	ICP-130 Hg ppm 1	ICP-130 K % 0.01	ICP-130 La ppm 10	ICP-130 Mg % 0.01	ICP-130 Mn ppm 5	ICP-130 Mo ppm 1	ICP-130 Na % 0.01	ICP-130 Ni ppm 1	ICP-130 P ppm 10
104723	23	375	1.89	<10	<1	0.32	<10	0.48	353	26	0.08	3	544
104724	24	465	1.84	<10	<1	0.26	<10	0.44	348	95	0.08	2	527
104725	22	672	1.59	<10	<1	0.21	<10	0.39	291	6	0.07	2	425
104726	25	589	1.82	<10	<1	0.30	<10	0.45	390	41	0.08	2	537
104727	24	779	2.02	<10	<1	0.29	<10	0.48	409	39	0.07	3	593
104728	24	179	1.91	<10	<1	0.28	<10	0.45	378	9	0.07	3	591
104729	25	135	1.11	<10	<1	0.11	<10	0.27	269	52	0.06	1	197
104730	25	118	0.72	<10	<1	0.12	<10	0.09	185	17	0.06	1	105
104731	26	769	1.30	<10	<1	0.19	<10	0.20	274	59	0.06	1	290
104732	25	102	1.84	<10	<1	0.28	<10	0.36	395	5	0.07	1	458
104733	26	83	1.62	<10	<1	0.19	<10	0.35	364	5	0.07	2	422
104734	40	128	1.68	<10	<1	0.16	<10	0.25	342	7	0.05	6	378
104735	27	465	1.26	<10	<1	0.14	<10	0.18	281	23	0.05	1	323
104736	34	310	1.91	<10	<1	0.16	<10	0.39	351	26	0.05	10	408
104736PD	36	197	2.06	<10	<1	0.16	<10	0.41	359	20	0.06	11	413
104737	29	239	1.67	<10	<1	0.37	<10	0.39	402	18	0.05	3	465
104738	28	383	1.56	<10	<1	0.22	<10	0.27	366	74	0.05	3	497
104739	26	299	1.60	<10	<1	0.24	<10	0.23	351	133	0.05	<1	499
104740	35	2256	8.99	19	2	0.06	<10	2.48	490	12	<0.01	31	382
104741	27	343	1.50	<10	<1	0.25	<10	0.25	318	7	0.07	1	416
104742	26	129	1.44	<10	<1	0.23	<10	0.24	323	6	0.07	<1	497
104743	33	92	0.59	<10	<1	0.11	<10	0.02	134	21	0.06	1	92
104744	25	987	3.18	13	<1	0.40	<10	1.05	658	73	0.15	4	662
104745	30	218	1.79	<10	<1	0.20	<10	0.28	332	50	0.07	2	550
104746	28	335	1.94	<10	<1	0.16	<10	0.33	348	17	0.08	2	509

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To: **Ridgeline Exploration Services**
335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	ICP-130 Cr ppm 1	ICP-130 Cu ppm 1	ICP-130 Fe % 0.01	ICP-130 Ga ppm 10	ICP-130 Hg ppm 1	ICP-130 K % 0.01	ICP-130 La ppm 10	ICP-130 Mg % 0.01	ICP-130 Mn ppm 5	ICP-130 Mo ppm 1	ICP-130 Na % 0.01	ICP-130 Ni ppm 1	ICP-130 P ppm 10
104747	27	354	2.87	11	<1	0.43	<10	0.79	565	14	0.17	4	737
104748	30	313	1.43	<10	<1	0.20	<10	0.31	312	44	0.07	2	386
104749	30	250	1.52	<10	<1	0.26	<10	0.32	348	17	0.07	2	405
104750	30	496	1.70	<10	<1	0.27	<10	0.46	356	158	0.06	4	500
104751	32	711	1.80	<10	<1	0.30	<10	0.39	353	20	0.07	3	515
104752	30	602	1.36	<10	<1	0.25	<10	0.29	287	203	0.07	3	356
104753	32	432	2.31	<10	<1	0.49	<10	0.62	440	83	0.09	3	675
104754	29	490	1.99	<10	<1	0.36	<10	0.45	433	84	0.06	4	617
104755	30	339	1.92	<10	<1	0.38	<10	0.50	387	29	0.08	3	543
104756	30	668	2.39	<10	<1	0.55	<10	0.66	524	87	0.09	4	646
104757	28	814	1.51	<10	<1	0.22	<10	0.32	317	35	0.07	2	387
104758	25	747	2.72	<10	<1	0.55	<10	0.82	496	85	0.11	4	715
104759	29	457	1.48	<10	<1	0.26	<10	0.27	269	44	0.06	3	406
104760	<1	5	0.09	<10	<1	<0.01	<10	1.49	126	<1	<0.01	<1	81
104761	31	238	1.54	<10	<1	0.27	<10	0.29	310	15	0.06	2	408
104762	32	241	1.94	<10	<1	0.31	<10	0.49	343	89	0.07	3	553
104763	29	322	1.95	<10	<1	0.25	<10	0.47	355	88	0.08	4	560
104764	28	489	1.80	<10	<1	0.22	<10	0.37	366	34	0.07	2	539
104765	25	539	2.12	<10	<1	0.22	<10	0.44	453	46	0.07	3	616
104766	27	873	1.97	<10	<1	0.24	<10	0.45	363	58	0.07	3	519
104767	33	8317	5.07	<10	<1	0.17	<10	0.11	141	243	0.04	3	235
104768	33	99	0.91	<10	<1	0.14	<10	0.08	163	69	0.07	1	162
104769	29	93	0.77	<10	<1	0.11	<10	0.12	187	13	0.08	2	184
104770	32	181	1.64	<10	<1	0.17	<10	0.25	236	36	0.07	3	406
104771	31	195	2.12	<10	<1	0.28	<10	0.49	341	120	0.08	3	589

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To: **Ridgeline Exploration Services**
335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	ICP-130 Cr ppm 1	ICP-130 Cu ppm 1	ICP-130 Fe % 0.01	ICP-130 Ga ppm 10	ICP-130 Hg ppm 1	ICP-130 K % 0.01	ICP-130 La ppm 10	ICP-130 Mg % 0.01	ICP-130 Mn ppm 5	ICP-130 Mo ppm 1	ICP-130 Na % 0.01	ICP-130 Ni ppm 1	ICP-130 P ppm 10
104772	32	178	2.41	<10	<1	0.37	<10	0.50	348	25	0.08	3	692
104773	31	751	2.50	<10	<1	0.34	<10	0.54	373	29	0.09	3	652
104774	30	554	2.13	<10	<1	0.20	<10	0.43	373	50	0.08	3	585
104775	31	478	2.46	<10	<1	0.31	<10	0.65	451	94	0.09	4	672
104776	32	300	1.83	<10	<1	0.22	<10	0.43	329	91	0.08	3	475
104777	30	368	2.19	<10	<1	0.30	<10	0.56	338	35	0.09	4	576
104778	30	460	1.96	<10	<1	0.18	<10	0.36	326	65	0.07	3	509
104779	29	288	1.74	<10	<1	0.18	<10	0.37	331	45	0.08	3	450
104780	40	2243	9.59	19	<1	0.07	<10	2.62	453	13	0.02	34	396
104781	30	403	1.96	<10	<1	0.17	<10	0.25	277	55	0.07	3	490
104782	30	461	2.23	<10	<1	0.20	<10	0.41	324	34	0.07	3	531
104783	36	199	1.57	<10	<1	0.16	<10	0.33	226	45	0.07	2	306
104784	32	847	2.30	<10	<1	0.20	<10	0.59	342	45	0.08	3	625
104785	34	604	2.43	<10	<1	0.19	<10	0.45	311	58	0.06	3	607
104786	27	339	2.19	<10	<1	0.18	<10	0.37	311	34	0.07	3	524
104787	31	167	1.47	<10	<1	0.14	<10	0.21	221	117	0.07	2	389
104788	33	2551	1.78	<10	<1	0.17	<10	0.06	94	689	0.05	2	194
104788PD	35	2407	1.72	<10	<1	0.17	<10	0.06	103	594	0.05	2	199
104789	34	261	2.41	<10	<1	0.28	<10	0.50	320	46	0.07	3	613
104790	32	519	2.41	<10	<1	0.36	<10	0.59	377	31	0.08	4	724
104791	33	215	2.30	<10	<1	0.41	<10	0.56	376	190	0.09	4	652
104792	32	320	2.33	<10	<1	0.36	<10	0.60	353	16	0.08	4	646
104793	33	121	2.35	<10	<1	0.35	<10	0.60	387	15	0.09	3	663
104794	33	446	1.93	<10	<1	0.30	<10	0.46	339	41	0.09	3	522
104795	34	380	2.08	<10	<1	0.32	<10	0.50	354	21	0.09	4	559

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Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	ICP-130 Cr ppm 1	ICP-130 Cu ppm 1	ICP-130 Fe % 0.01	ICP-130 Ga ppm 10	ICP-130 Hg ppm 1	ICP-130 K % 0.01	ICP-130 La ppm 10	ICP-130 Mg % 0.01	ICP-130 Mn ppm 5	ICP-130 Mo ppm 1	ICP-130 Na % 0.01	ICP-130 Ni ppm 1	ICP-130 P ppm 10
104796	32	118	1.33	<10	<1	0.18	<10	0.21	242	17	0.07	3	548
104797	31	304	2.20	<10	<1	0.41	<10	0.55	375	89	0.09	3	649
104798	33	3113	2.91	<10	<1	0.43	<10	0.63	323	292	0.07	4	657
104799	31	288	2.50	<10	<1	0.41	<10	0.68	390	33	0.11	4	759
104800	<1	3	0.15	<10	2	0.01	<10	13.84	106	<1	<0.01	<1	13
104801	26	3552	2.72	<10	<1	0.17	<10	0.33	361	74	0.03	3	365
104802	27	6582	3.83	<10	<1	0.27	<10	0.41	331	61	0.03	3	434
104802PD	29	5977	3.38	<10	<1	0.28	<10	0.44	342	60	0.03	4	492
104803	28	272	2.31	<10	<1	0.43	<10	0.54	369	115	0.06	4	555
104804	31	1231	3.65	<10	<1	0.41	<10	0.60	342	83	0.07	5	525
104805	30	199	2.47	<10	<1	0.38	<10	0.49	385	37	0.06	3	533
104806	28	338	1.92	<10	<1	0.30	<10	0.38	379	23	0.06	3	488
104807	26	1041	2.21	<10	<1	0.41	<10	0.49	409	15	0.07	3	657
104808	28	2296	2.45	<10	<1	0.35	<10	0.51	358	109	0.05	3	797
104809	29	376	2.26	<10	<1	0.37	<10	0.56	369	19	0.07	3	562
104810	27	193	2.30	<10	<1	0.41	<10	0.54	374	13	0.07	3	581
104811	30	302	2.50	<10	<1	0.31	<10	0.40	400	32	0.05	3	511
104812	30	191	2.42	<10	<1	0.36	<10	0.46	367	14	0.05	4	546
104813	30	641	2.29	<10	<1	0.36	<10	0.53	366	76	0.07	4	572
104814	30	285	1.77	<10	<1	0.33	<10	0.41	311	60	0.07	3	463
104815	28	573	2.21	<10	<1	0.35	<10	0.49	340	31	0.05	4	507
104816	28	278	2.07	<10	<1	0.42	<10	0.52	357	10	0.06	3	536
104817	27	224	3.02	11	<1	0.60	<10	0.92	511	8	0.11	4	584
104818	27	203	0.52	<10	2	0.10	<10	0.08	90	7	0.06	2	61
104819	26	436	1.63	<10	<1	0.26	<10	0.44	314	5	0.08	3	440

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MSALABS
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Ridgeline Exploration Services**
335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
---------------------	-------------------

Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	ICP-130 Cr ppm 1	ICP-130 Cu ppm 1	ICP-130 Fe % 0.01	ICP-130 Ga ppm 10	ICP-130 Hg ppm 1	ICP-130 K % 0.01	ICP-130 La ppm 10	ICP-130 Mg % 0.01	ICP-130 Mn ppm 5	ICP-130 Mo ppm 1	ICP-130 Na % 0.01	ICP-130 Ni ppm 1	ICP-130 P ppm 10
104820	24	4729	23.24	25	8	0.09	<10	1.00	699	6	0.01	27	303
104821	25	430	2.07	<10	<1	0.35	<10	0.58	372	5	0.08	4	515
104822	24	451	1.61	<10	<1	0.24	<10	0.43	254	10	0.06	3	438
104823	25	496	1.64	<10	<1	0.21	<10	0.42	292	12	0.06	3	420
104824	26	543	1.23	<10	<1	0.15	<10	0.35	239	10	0.06	3	229
104825	26	681	1.66	<10	1	0.28	<10	0.57	302	11	0.06	4	303
104826	34	1082	3.60	14	<1	0.99	<10	1.59	666	15	0.07	7	1412
104827	33	863	2.48	<10	<1	0.62	<10	1.10	500	24	0.07	7	435
104828	31	341	3.22	12	<1	0.90	<10	1.38	638	4	0.09	5	524
104828PD	32	422	3.20	11	<1	0.85	<10	1.34	612	4	0.09	7	589
104829	24	1135	2.27	<10	1	0.44	<10	0.70	399	6	0.07	3	454
104830	21	2104	1.54	<10	<1	0.19	<10	0.46	316	23	0.05	3	320
104831	19	1728	1.13	<10	<1	0.12	<10	0.29	243	17	0.05	3	201
104832	20	874	1.94	<10	<1	0.27	<10	0.42	338	7	0.06	3	316
104833	20	378	1.36	<10	<1	0.16	<10	0.23	348	7	0.06	2	168
104834	25	904	5.98	17	<1	0.89	<10	1.67	854	9	0.13	8	666
104835	20	8856	6.31	15	<1	0.58	<10	1.57	678	395	0.08	8	537
104836	23	954	2.45	10	<1	0.51	<10	0.79	467	10	0.08	4	429
104837	22	508	2.09	10	<1	0.53	<10	0.79	448	17	0.08	3	474
104838	20	1124	2.34	<10	<1	0.53	<10	0.76	437	5	0.08	3	600
104839	20	854	2.45	<10	1	0.42	<10	0.74	460	8	0.07	3	628

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TEST REPORT:	YVR2110639
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	ICP-130 Cr ppm	ICP-130 Cu ppm	ICP-130 Fe %	ICP-130 Ga ppm	ICP-130 Hg ppm	ICP-130 K %	ICP-130 La ppm	ICP-130 Mg %	ICP-130 Mn ppm	ICP-130 Mo ppm	ICP-130 Na %	ICP-130 Ni ppm	ICP-130 P ppm
Sample ID	1	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10
DUP 104765	25	542	2.10	<10	<1	0.22	<10	0.44	454	45	0.07	3	612
DUP 104814	30	284	1.74	<10	1	0.33	<10	0.41	308	61	0.06	3	464
DUP 104827	35	866	2.48	11	<1	0.62	<10	1.10	498	24	0.07	6	418
STD BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10
STD BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10
STD BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10
STD OREAS 20a	63	45	3.28	14	<1	1.37	21	1.18	358	3	0.28	36	961
STD OREAS 601	47	1017	2.21	<10	<1	0.26	13	0.20	406	3	0.07	24	357
STD OREAS 20a	67	46	3.23	12	<1	1.35	20	1.17	362	3	0.26	37	978

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TEST REPORT:	YVR2110639
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Sample ID	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sc ppm	ICP-130 Sr ppm	ICP-130 Th ppm	ICP-130 Ti %	ICP-130 Tl ppm	ICP-130 V ppm	ICP-130 W ppm	ICP-130 Zn ppm	ICP-130 Zr ppm
Granite Blank	<2	0.02	<2	3	17	<8	0.09	<10	21	<10	26	<5
Granite Blank	4	0.02	<2	3	20	<8	0.09	<10	20	<10	23	<5
104701	3	0.47	3	7	125	<8	0.05	<10	35	<10	61	<5
104702	5	0.50	<2	2	60	<8	0.04	<10	20	<10	42	<5
104703	4	0.30	<2	2	62	<8	0.07	<10	25	<10	47	<5
104704	3	0.25	4	<2	70	<8	0.06	<10	23	<10	43	<5
104705	4	0.34	<2	2	93	<8	0.05	<10	22	<10	57	<5
104706	3	0.26	<2	2	132	<8	0.04	<10	19	<10	50	<5
104707	3	0.23	<2	<2	34	<8	0.01	<10	9	<10	31	<5
104708	3	0.31	<2	2	51	<8	0.06	<10	20	<10	39	<5
104709	5	0.39	2	3	55	<8	0.07	<10	26	<10	46	<5
104710	3	0.34	3	2	35	<8	0.10	<10	28	<10	43	<5
104711	5	0.48	<2	<2	54	<8	0.01	<10	14	<10	52	<5
104712	3	0.28	<2	2	40	<8	0.04	<10	20	<10	46	<5
104713	5	0.90	<2	4	52	<8	0.09	<10	39	<10	74	<5
104714	4	0.43	<2	3	93	<8	0.05	<10	21	<10	56	<5
104715	19	0.26	<2	2	139	<8	0.05	<10	21	<10	91	<5
104716	2	0.33	<2	2	59	<8	0.08	<10	27	<10	46	<5
104717	7	0.36	<2	2	49	<8	0.07	<10	24	<10	44	<5
104718	7	0.88	<2	3	99	<8	0.04	<10	24	<10	57	<5
104719	5	0.31	3	3	33	<8	0.13	<10	32	<10	54	<5
104720	<2	<0.01	<2	<2	53	<8	<0.01	<10	1	<10	2	<5
104721	2	0.30	<2	3	29	<8	0.13	<10	33	<10	54	<5
104721PD	5	0.35	<2	3	28	<8	0.12	<10	30	<10	49	<5
104722	7	0.21	<2	3	28	<8	0.15	<10	37	<10	56	<5

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Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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 Job Received Date: 30-Jun-2021
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	1	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10
Granite Blank	18	3	1.68	<10	<1	0.06	<10	0.41	386	4	0.04	2	386
Granite Blank	19	3	1.64	<10	<1	0.06	<10	0.39	373	3	0.05	<1	398
104701	18	554	2.12	<10	<1	0.24	<10	0.55	391	7	0.05	3	610
104702	21	670	1.51	<10	<1	0.23	<10	0.43	347	24	0.06	2	568
104703	23	727	1.72	<10	<1	0.29	<10	0.44	312	85	0.07	3	533
104704	30	459	1.61	<10	<1	0.29	<10	0.38	305	831	0.07	2	494
104705	27	608	1.70	<10	<1	0.23	<10	0.43	333	18	0.07	2	477
104706	27	815	1.60	<10	<1	0.24	<10	0.42	275	225	0.07	2	448
104707	25	466	0.89	<10	<1	0.14	<10	0.16	227	14	0.06	2	179
104708	26	298	1.52	<10	<1	0.26	<10	0.32	306	9	0.07	2	399
104709	24	513	1.79	<10	<1	0.32	<10	0.45	332	15	0.07	2	456
104710	25	628	1.80	<10	<1	0.31	<10	0.45	289	27	0.08	2	482
104711	25	1321	1.46	<10	<1	0.20	<10	0.38	293	136	0.06	3	461
104712	26	383	1.58	<10	<1	0.24	<10	0.39	319	114	0.07	4	421
104713	23	394	2.65	<10	<1	0.42	<10	0.68	564	21	0.09	3	1063
104714	25	620	1.69	<10	<1	0.29	<10	0.42	324	52	0.07	3	524
104715	26	769	1.63	<10	<1	0.26	<10	0.42	327	70	0.06	2	478
104716	26	577	1.84	<10	<1	0.31	<10	0.47	339	453	0.09	3	517
104717	26	290	1.74	<10	<1	0.27	<10	0.40	331	38	0.07	2	509
104718	23	583	2.21	<10	<1	0.24	<10	0.55	426	26	0.07	2	706
104719	25	362	2.02	<10	<1	0.34	<10	0.52	385	53	0.09	3	573
104720	<1	2	0.15	<10	<1	<0.01	<10	13.40	102	<1	<0.01	<1	18
104721	21	671	1.92	<10	<1	0.35	<10	0.53	345	14	0.09	3	552
104721PD	25	735	1.89	<10	<1	0.34	<10	0.47	328	31	0.09	2	529
104722	26	280	2.14	<10	<1	0.40	<10	0.55	396	13	0.10	4	611

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Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
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Sample ID	ICP-130 Cr ppm 1	ICP-130 Cu ppm 1	ICP-130 Fe % 0.01	ICP-130 Ga ppm 10	ICP-130 Hg ppm 1	ICP-130 K % 0.01	ICP-130 La ppm 10	ICP-130 Mg % 0.01	ICP-130 Mn ppm 5	ICP-130 Mo ppm 1	ICP-130 Na % 0.01	ICP-130 Ni ppm 1	ICP-130 P ppm 10
104723	23	375	1.89	<10	<1	0.32	<10	0.48	353	26	0.08	3	544
104724	24	465	1.84	<10	<1	0.26	<10	0.44	348	95	0.08	2	527
104725	22	672	1.59	<10	<1	0.21	<10	0.39	291	6	0.07	2	425
104726	25	589	1.82	<10	<1	0.30	<10	0.45	390	41	0.08	2	537
104727	24	779	2.02	<10	<1	0.29	<10	0.48	409	39	0.07	3	593
104728	24	179	1.91	<10	<1	0.28	<10	0.45	378	9	0.07	3	591
104729	25	135	1.11	<10	<1	0.11	<10	0.27	269	52	0.06	1	197
104730	25	118	0.72	<10	<1	0.12	<10	0.09	185	17	0.06	1	105
104731	26	769	1.30	<10	<1	0.19	<10	0.20	274	59	0.06	1	290
104732	25	102	1.84	<10	<1	0.28	<10	0.36	395	5	0.07	1	458
104733	26	83	1.62	<10	<1	0.19	<10	0.35	364	5	0.07	2	422
104734	40	128	1.68	<10	<1	0.16	<10	0.25	342	7	0.05	6	378
104735	27	465	1.26	<10	<1	0.14	<10	0.18	281	23	0.05	1	323
104736	34	310	1.91	<10	<1	0.16	<10	0.39	351	26	0.05	10	408
104736PD	36	197	2.06	<10	<1	0.16	<10	0.41	359	20	0.06	11	413
104737	29	239	1.67	<10	<1	0.37	<10	0.39	402	18	0.05	3	465
104738	28	383	1.56	<10	<1	0.22	<10	0.27	366	74	0.05	3	497
104739	26	299	1.60	<10	<1	0.24	<10	0.23	351	133	0.05	<1	499
104740	35	2256	8.99	19	2	0.06	<10	2.48	490	12	<0.01	31	382
104741	27	343	1.50	<10	<1	0.25	<10	0.25	318	7	0.07	1	416
104742	26	129	1.44	<10	<1	0.23	<10	0.24	323	6	0.07	<1	497
104743	33	92	0.59	<10	<1	0.11	<10	0.02	134	21	0.06	1	92
104744	25	987	3.18	13	<1	0.40	<10	1.05	658	73	0.15	4	662
104745	30	218	1.79	<10	<1	0.20	<10	0.28	332	50	0.07	2	550
104746	28	335	1.94	<10	<1	0.16	<10	0.33	348	17	0.08	2	509

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Canada

TEST REPORT:	YVR2110639
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104747	27	354	2.87	11	<1	0.43	<10	0.79	565	14	0.17	4	737
104748	30	313	1.43	<10	<1	0.20	<10	0.31	312	44	0.07	2	386
104749	30	250	1.52	<10	<1	0.26	<10	0.32	348	17	0.07	2	405
104750	30	496	1.70	<10	<1	0.27	<10	0.46	356	158	0.06	4	500
104751	32	711	1.80	<10	<1	0.30	<10	0.39	353	20	0.07	3	515
104752	30	602	1.36	<10	<1	0.25	<10	0.29	287	203	0.07	3	356
104753	32	432	2.31	<10	<1	0.49	<10	0.62	440	83	0.09	3	675
104754	29	490	1.99	<10	<1	0.36	<10	0.45	433	84	0.06	4	617
104755	30	339	1.92	<10	<1	0.38	<10	0.50	387	29	0.08	3	543
104756	30	668	2.39	<10	<1	0.55	<10	0.66	524	87	0.09	4	646
104757	28	814	1.51	<10	<1	0.22	<10	0.32	317	35	0.07	2	387
104758	25	747	2.72	<10	<1	0.55	<10	0.82	496	85	0.11	4	715
104759	29	457	1.48	<10	<1	0.26	<10	0.27	269	44	0.06	3	406
104760	<1	5	0.09	<10	<1	<0.01	<10	1.49	126	<1	<0.01	<1	81
104761	31	238	1.54	<10	<1	0.27	<10	0.29	310	15	0.06	2	408
104762	32	241	1.94	<10	<1	0.31	<10	0.49	343	89	0.07	3	553
104763	29	322	1.95	<10	<1	0.25	<10	0.47	355	88	0.08	4	560
104764	28	489	1.80	<10	<1	0.22	<10	0.37	366	34	0.07	2	539
104765	25	539	2.12	<10	<1	0.22	<10	0.44	453	46	0.07	3	616
104766	27	873	1.97	<10	<1	0.24	<10	0.45	363	58	0.07	3	519
104767	33	8317	5.07	<10	<1	0.17	<10	0.11	141	243	0.04	3	235
104768	33	99	0.91	<10	<1	0.14	<10	0.08	163	69	0.07	1	162
104769	29	93	0.77	<10	<1	0.11	<10	0.12	187	13	0.08	2	184
104770	32	181	1.64	<10	<1	0.17	<10	0.25	236	36	0.07	3	406
104771	31	195	2.12	<10	<1	0.28	<10	0.49	341	120	0.08	3	589

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104772	32	178	2.41	<10	<1	0.37	<10	0.50	348	25	0.08	3	692
104773	31	751	2.50	<10	<1	0.34	<10	0.54	373	29	0.09	3	652
104774	30	554	2.13	<10	<1	0.20	<10	0.43	373	50	0.08	3	585
104775	31	478	2.46	<10	<1	0.31	<10	0.65	451	94	0.09	4	672
104776	32	300	1.83	<10	<1	0.22	<10	0.43	329	91	0.08	3	475
104777	30	368	2.19	<10	<1	0.30	<10	0.56	338	35	0.09	4	576
104778	30	460	1.96	<10	<1	0.18	<10	0.36	326	65	0.07	3	509
104779	29	288	1.74	<10	<1	0.18	<10	0.37	331	45	0.08	3	450
104780	40	2243	9.59	19	<1	0.07	<10	2.62	453	13	0.02	34	396
104781	30	403	1.96	<10	<1	0.17	<10	0.25	277	55	0.07	3	490
104782	30	461	2.23	<10	<1	0.20	<10	0.41	324	34	0.07	3	531
104783	36	199	1.57	<10	<1	0.16	<10	0.33	226	45	0.07	2	306
104784	32	847	2.30	<10	<1	0.20	<10	0.59	342	45	0.08	3	625
104785	34	604	2.43	<10	<1	0.19	<10	0.45	311	58	0.06	3	607
104786	27	339	2.19	<10	<1	0.18	<10	0.37	311	34	0.07	3	524
104787	31	167	1.47	<10	<1	0.14	<10	0.21	221	117	0.07	2	389
104788	33	2551	1.78	<10	<1	0.17	<10	0.06	94	689	0.05	2	194
104788PD	35	2407	1.72	<10	<1	0.17	<10	0.06	103	594	0.05	2	199
104789	34	261	2.41	<10	<1	0.28	<10	0.50	320	46	0.07	3	613
104790	32	519	2.41	<10	<1	0.36	<10	0.59	377	31	0.08	4	724
104791	33	215	2.30	<10	<1	0.41	<10	0.56	376	190	0.09	4	652
104792	32	320	2.33	<10	<1	0.36	<10	0.60	353	16	0.08	4	646
104793	33	121	2.35	<10	<1	0.35	<10	0.60	387	15	0.09	3	663
104794	33	446	1.93	<10	<1	0.30	<10	0.46	339	41	0.09	3	522
104795	34	380	2.08	<10	<1	0.32	<10	0.50	354	21	0.09	4	559

***Please refer to the cover page for comments regarding this test report. ***



MSALABS
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Ridgeline Exploration Services**
335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
---------------------	-------------------

Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	ICP-130 Cr ppm 1	ICP-130 Cu ppm 1	ICP-130 Fe % 0.01	ICP-130 Ga ppm 10	ICP-130 Hg ppm 1	ICP-130 K % 0.01	ICP-130 La ppm 10	ICP-130 Mg % 0.01	ICP-130 Mn ppm 5	ICP-130 Mo ppm 1	ICP-130 Na % 0.01	ICP-130 Ni ppm 1	ICP-130 P ppm 10
104796	32	118	1.33	<10	<1	0.18	<10	0.21	242	17	0.07	3	548
104797	31	304	2.20	<10	<1	0.41	<10	0.55	375	89	0.09	3	649
104798	33	3113	2.91	<10	<1	0.43	<10	0.63	323	292	0.07	4	657
104799	31	288	2.50	<10	<1	0.41	<10	0.68	390	33	0.11	4	759
104800	<1	3	0.15	<10	2	0.01	<10	13.84	106	<1	<0.01	<1	13
104801	26	3552	2.72	<10	<1	0.17	<10	0.33	361	74	0.03	3	365
104802	27	6582	3.83	<10	<1	0.27	<10	0.41	331	61	0.03	3	434
104802PD	29	5977	3.38	<10	<1	0.28	<10	0.44	342	60	0.03	4	492
104803	28	272	2.31	<10	<1	0.43	<10	0.54	369	115	0.06	4	555
104804	31	1231	3.65	<10	<1	0.41	<10	0.60	342	83	0.07	5	525
104805	30	199	2.47	<10	<1	0.38	<10	0.49	385	37	0.06	3	533
104806	28	338	1.92	<10	<1	0.30	<10	0.38	379	23	0.06	3	488
104807	26	1041	2.21	<10	<1	0.41	<10	0.49	409	15	0.07	3	657
104808	28	2296	2.45	<10	<1	0.35	<10	0.51	358	109	0.05	3	797
104809	29	376	2.26	<10	<1	0.37	<10	0.56	369	19	0.07	3	562
104810	27	193	2.30	<10	<1	0.41	<10	0.54	374	13	0.07	3	581
104811	30	302	2.50	<10	<1	0.31	<10	0.40	400	32	0.05	3	511
104812	30	191	2.42	<10	<1	0.36	<10	0.46	367	14	0.05	4	546
104813	30	641	2.29	<10	<1	0.36	<10	0.53	366	76	0.07	4	572
104814	30	285	1.77	<10	<1	0.33	<10	0.41	311	60	0.07	3	463
104815	28	573	2.21	<10	<1	0.35	<10	0.49	340	31	0.05	4	507
104816	28	278	2.07	<10	<1	0.42	<10	0.52	357	10	0.06	3	536
104817	27	224	3.02	11	<1	0.60	<10	0.92	511	8	0.11	4	584
104818	27	203	0.52	<10	2	0.10	<10	0.08	90	7	0.06	2	61
104819	26	436	1.63	<10	<1	0.26	<10	0.44	314	5	0.08	3	440

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335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
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 Report Version: Final

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104820	24	4729	23.24	25	8	0.09	<10	1.00	699	6	0.01	27	303
104821	25	430	2.07	<10	<1	0.35	<10	0.58	372	5	0.08	4	515
104822	24	451	1.61	<10	<1	0.24	<10	0.43	254	10	0.06	3	438
104823	25	496	1.64	<10	<1	0.21	<10	0.42	292	12	0.06	3	420
104824	26	543	1.23	<10	<1	0.15	<10	0.35	239	10	0.06	3	229
104825	26	681	1.66	<10	1	0.28	<10	0.57	302	11	0.06	4	303
104826	34	1082	3.60	14	<1	0.99	<10	1.59	666	15	0.07	7	1412
104827	33	863	2.48	<10	<1	0.62	<10	1.10	500	24	0.07	7	435
104828	31	341	3.22	12	<1	0.90	<10	1.38	638	4	0.09	5	524
104828PD	32	422	3.20	11	<1	0.85	<10	1.34	612	4	0.09	7	589
104829	24	1135	2.27	<10	1	0.44	<10	0.70	399	6	0.07	3	454
104830	21	2104	1.54	<10	<1	0.19	<10	0.46	316	23	0.05	3	320
104831	19	1728	1.13	<10	<1	0.12	<10	0.29	243	17	0.05	3	201
104832	20	874	1.94	<10	<1	0.27	<10	0.42	338	7	0.06	3	316
104833	20	378	1.36	<10	<1	0.16	<10	0.23	348	7	0.06	2	168
104834	25	904	5.98	17	<1	0.89	<10	1.67	854	9	0.13	8	666
104835	20	8856	6.31	15	<1	0.58	<10	1.57	678	395	0.08	8	537
104836	23	954	2.45	10	<1	0.51	<10	0.79	467	10	0.08	4	429
104837	22	508	2.09	10	<1	0.53	<10	0.79	448	17	0.08	3	474
104838	20	1124	2.34	<10	<1	0.53	<10	0.76	437	5	0.08	3	600
104839	20	854	2.45	<10	1	0.42	<10	0.74	460	8	0.07	3	628

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Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
 Job Received Date: 30-Jun-2021
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Granite Blank	<2	0.02	<2	3	17	<8	0.09	<10	21	<10	26	<5
Granite Blank	4	0.02	<2	3	20	<8	0.09	<10	20	<10	23	<5
104701	3	0.47	3	7	125	<8	0.05	<10	35	<10	61	<5
104702	5	0.50	<2	2	60	<8	0.04	<10	20	<10	42	<5
104703	4	0.30	<2	2	62	<8	0.07	<10	25	<10	47	<5
104704	3	0.25	4	<2	70	<8	0.06	<10	23	<10	43	<5
104705	4	0.34	<2	2	93	<8	0.05	<10	22	<10	57	<5
104706	3	0.26	<2	2	132	<8	0.04	<10	19	<10	50	<5
104707	3	0.23	<2	<2	34	<8	0.01	<10	9	<10	31	<5
104708	3	0.31	<2	2	51	<8	0.06	<10	20	<10	39	<5
104709	5	0.39	2	3	55	<8	0.07	<10	26	<10	46	<5
104710	3	0.34	3	2	35	<8	0.10	<10	28	<10	43	<5
104711	5	0.48	<2	<2	54	<8	0.01	<10	14	<10	52	<5
104712	3	0.28	<2	2	40	<8	0.04	<10	20	<10	46	<5
104713	5	0.90	<2	4	52	<8	0.09	<10	39	<10	74	<5
104714	4	0.43	<2	3	93	<8	0.05	<10	21	<10	56	<5
104715	19	0.26	<2	2	139	<8	0.05	<10	21	<10	91	<5
104716	2	0.33	<2	2	59	<8	0.08	<10	27	<10	46	<5
104717	7	0.36	<2	2	49	<8	0.07	<10	24	<10	44	<5
104718	7	0.88	<2	3	99	<8	0.04	<10	24	<10	57	<5
104719	5	0.31	3	3	33	<8	0.13	<10	32	<10	54	<5
104720	<2	<0.01	<2	<2	53	<8	<0.01	<10	1	<10	2	<5
104721	2	0.30	<2	3	29	<8	0.13	<10	33	<10	54	<5
104721PD	5	0.35	<2	3	28	<8	0.12	<10	30	<10	49	<5
104722	7	0.21	<2	3	28	<8	0.15	<10	37	<10	56	<5

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Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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Project Name: Spius
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Sample ID	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sc ppm	ICP-130 Sr ppm	ICP-130 Th ppm	ICP-130 Ti %	ICP-130 Tl ppm	ICP-130 V ppm	ICP-130 W ppm	ICP-130 Zn ppm	ICP-130 Zr ppm
104723	<2	0.31	<2	3	28	<8	0.11	<10	31	<10	50	<5
104724	3	0.55	<2	2	42	<8	0.06	<10	25	<10	48	<5
104725	3	0.42	<2	3	28	<8	0.07	<10	23	<10	57	<5
104726	5	0.41	3	3	99	<8	0.08	<10	27	<10	54	<5
104727	5	0.50	<2	3	154	<8	0.06	<10	29	<10	58	<5
104728	<2	0.30	<2	3	74	<8	0.08	<10	29	<10	51	<5
104729	<2	0.46	<2	<2	154	<8	<0.01	<10	8	<10	34	<5
104730	4	0.21	<2	<2	59	<8	<0.01	<10	5	<10	19	<5
104731	13	0.56	<2	<2	166	<8	0.02	<10	9	<10	67	<5
104732	4	0.36	<2	3	55	<8	0.07	<10	18	<10	63	<5
104733	5	0.50	<2	2	178	<8	0.03	<10	16	<10	51	<5
104734	7	0.92	<2	2	174	<8	0.01	<10	16	<10	44	<5
104735	11	0.97	<2	<2	241	<8	<0.01	<10	5	<10	56	<5
104736	9	0.88	<2	2	201	<8	0.01	<10	16	<10	57	<5
104736PD	10	0.89	3	2	192	<8	0.01	<10	18	<10	60	<5
104737	2	0.76	4	3	121	<8	0.05	<10	22	<10	42	<5
104738	3	0.81	<2	<2	126	<8	0.02	<10	12	<10	50	<5
104739	4	0.41	<2	<2	143	<8	0.04	<10	10	<10	58	<5
104740	977	8.16	29	3	44	<8	<0.01	<10	49	<10	7335	<5
104741	3	0.26	<2	2	29	<8	0.06	<10	12	<10	53	<5
104742	7	0.35	<2	<2	33	<8	0.05	<10	12	<10	45	<5
104743	5	0.63	<2	<2	71	<8	<0.01	<10	2	<10	8	<5
104744	5	2.01	4	7	123	<8	0.08	<10	72	<10	77	<5
104745	4	0.79	<2	<2	53	<8	0.03	<10	14	<10	47	<5
104746	4	0.66	<2	2	40	<8	0.06	<10	18	<10	61	<5

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Project Name: Spius
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104747	7	1.45	<2	5	133	<8	0.14	<10	67	<10	67	<5
104748	4	0.64	<2	<2	37	<8	0.04	<10	17	<10	45	<5
104749	4	0.63	3	2	32	<8	0.05	<10	20	<10	43	<5
104750	<2	0.88	3	2	55	<8	0.07	<10	26	<10	46	<5
104751	5	1.03	<2	2	59	<8	0.05	<10	25	<10	49	<5
104752	6	0.49	<2	<2	34	<8	0.06	<10	19	<10	42	<5
104753	3	0.77	<2	3	64	<8	0.13	<10	42	<10	59	<5
104754	3	1.08	<2	3	155	<8	0.06	<10	29	<10	53	<5
104755	4	0.56	<2	2	59	<8	0.11	<10	34	<10	51	<5
104756	<2	0.72	<2	4	77	<8	0.12	<10	44	<10	70	<5
104757	5	0.79	6	<2	222	<8	0.03	<10	17	<10	46	<5
104758	5	1.07	5	6	181	<8	0.10	<10	55	<10	66	<5
104759	6	0.86	<2	<2	111	<8	0.04	<10	19	<10	36	<5
104760	<2	0.01	2	<2	73	<8	<0.01	<10	1	<10	2	<5
104761	4	1.09	<2	<2	62	<8	0.04	<10	17	<10	37	<5
104762	4	1.16	<2	2	54	<8	0.09	<10	32	<10	44	<5
104763	4	1.07	<2	2	90	<8	0.06	<10	29	<10	49	<5
104764	4	1.09	<2	2	198	<8	0.03	<10	23	<10	48	<5
104765	5	1.61	<2	3	169	<8	0.02	<10	24	<10	75	<5
104766	3	1.32	<2	<2	66	<8	0.04	<10	25	<10	56	<5
104767	7	5.34	7	<2	52	<8	<0.01	<10	8	<10	115	<5
104768	6	0.69	2	<2	72	<8	<0.01	<10	4	<10	13	<5
104769	4	0.35	<2	<2	22	<8	0.02	<10	6	<10	16	<5
104770	6	1.12	<2	<2	59	<8	0.02	<10	12	<10	29	<5
104771	4	1.11	<2	2	73	<8	0.08	<10	27	<10	45	<5

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104772	3	1.27	3	3	94	<8	0.09	<10	31	<10	52	<5
104773	7	1.08	<2	3	128	<8	0.08	<10	32	<10	55	<5
104774	7	1.53	<2	2	122	<8	0.02	<10	21	<10	53	<5
104775	6	1.32	<2	3	114	<8	0.10	<10	33	<10	62	<5
104776	5	0.95	<2	<2	119	<8	0.05	<10	21	<10	48	<5
104777	6	0.97	<2	3	86	<8	0.10	<10	31	<10	51	<5
104778	6	1.43	7	2	324	<8	0.02	<10	16	<10	45	<5
104779	5	0.91	<2	<2	96	<8	0.03	<10	19	<10	44	<5
104780	1086	7.54	34	4	46	<8	<0.01	<10	46	<10	7330	6
104781	6	2.22	<2	<2	135	<8	<0.01	<10	9	<10	110	<5
104782	7	2.05	<2	<2	83	<8	0.02	<10	16	<10	47	<5
104783	5	1.21	<2	<2	57	<8	0.02	<10	11	<10	32	<5
104784	6	1.72	<2	3	63	<8	0.07	<10	26	<10	53	<5
104785	7	2.35	<2	<2	117	<8	0.03	<10	19	<10	48	<5
104786	5	1.85	6	<2	204	<8	0.01	<10	17	<10	48	<5
104787	9	1.36	<2	<2	107	<8	<0.01	<10	10	<10	31	<5
104788	7	2.11	<2	<2	82	<8	<0.01	<10	5	<10	38	<5
104788PD	5	2.01	3	<2	88	<8	<0.01	<10	5	<10	34	<5
104789	<2	1.54	3	2	69	<8	0.05	<10	27	<10	50	<5
104790	3	1.08	<2	3	102	<8	0.10	<10	32	<10	74	<5
104791	4	0.83	3	3	95	<8	0.11	<10	34	<10	57	<5
104792	3	0.87	3	3	58	<8	0.14	<10	37	<10	57	<5
104793	5	0.91	5	3	43	<8	0.14	<10	37	<10	55	<5
104794	3	0.76	3	2	41	<8	0.10	<10	28	<10	54	<5
104795	<2	0.73	<2	2	58	<8	0.10	<10	28	<10	55	<5

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104796	7	0.81	<2	<2	37	<8	0.03	<10	10	<10	40	<5
104797	<2	0.73	3	3	106	<8	0.12	<10	34	<10	59	<5
104798	3	2.20	<2	3	130	<8	0.09	<10	37	<10	70	<5
104799	<2	0.88	5	3	70	<8	0.15	<10	43	<10	63	<5
104800	<2	<0.01	<2	<2	55	<8	<0.01	<10	<1	<10	3	<5
104801	9	2.76	2	<2	499	<8	<0.01	<10	13	<10	94	<5
104802	5	3.36	<2	2	203	<8	0.03	<10	22	<10	88	<5
104802PD	6	2.76	4	2	212	<8	0.03	<10	23	<10	79	<5
104803	4	1.08	<2	3	118	<8	0.08	<10	36	<10	53	<5
104804	4	2.67	4	3	84	<8	0.10	<10	46	<10	69	<5
104805	3	1.42	<2	2	58	<8	0.08	<10	30	<10	57	<5
104806	5	1.15	<2	<2	91	<8	0.03	<10	18	<10	64	<5
104807	6	0.79	<2	2	109	<8	0.07	<10	31	<10	72	<5
104808	4	2.01	<2	2	138	<8	0.05	<10	29	<10	93	<5
104809	5	0.94	<2	3	47	<8	0.12	<10	40	<10	59	<5
104810	<2	0.98	<2	3	108	<8	0.11	<10	38	<10	56	<5
104811	6	1.80	<2	<2	131	<8	0.04	<10	24	<10	55	<5
104812	3	1.51	<2	<2	86	<8	0.08	<10	32	<10	60	<5
104813	4	1.10	5	2	53	<8	0.10	<10	34	<10	64	<5
104814	5	0.92	4	<2	47	<8	0.09	<10	29	<10	46	<5
104815	5	1.32	<2	<2	68	<8	0.08	<10	30	<10	53	<5
104816	4	0.94	5	2	61	<8	0.11	<10	37	<10	56	<5
104817	6	0.08	3	8	24	<8	0.21	<10	90	<10	65	<5
104818	5	0.10	<2	<2	9	<8	<0.01	<10	5	<10	12	<5
104819	5	0.32	<2	3	25	<8	0.07	<10	32	<10	50	<5

***Please refer to the cover page for comments regarding this test report. ***



MSALABS
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Ridgeline Exploration Services**
335-1632 Dickson Avenue
Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
---------------------	-------------------

Project Name: Spius
 Job Received Date: 30-Jun-2021
 Job Report Date: 26-Jul-2021
 Report Version: Final

Sample ID	ICP-130 Pb ppm	ICP-130 S %	ICP-130 Sb ppm	ICP-130 Sc ppm	ICP-130 Sr ppm	ICP-130 Th ppm	ICP-130 Ti %	ICP-130 Tl ppm	ICP-130 V ppm	ICP-130 W ppm	ICP-130 Zn ppm	ICP-130 Zr ppm
104723	<2	0.31	<2	3	28	<8	0.11	<10	31	<10	50	<5
104724	3	0.55	<2	2	42	<8	0.06	<10	25	<10	48	<5
104725	3	0.42	<2	3	28	<8	0.07	<10	23	<10	57	<5
104726	5	0.41	3	3	99	<8	0.08	<10	27	<10	54	<5
104727	5	0.50	<2	3	154	<8	0.06	<10	29	<10	58	<5
104728	<2	0.30	<2	3	74	<8	0.08	<10	29	<10	51	<5
104729	<2	0.46	<2	<2	154	<8	<0.01	<10	8	<10	34	<5
104730	4	0.21	<2	<2	59	<8	<0.01	<10	5	<10	19	<5
104731	13	0.56	<2	<2	166	<8	0.02	<10	9	<10	67	<5
104732	4	0.36	<2	3	55	<8	0.07	<10	18	<10	63	<5
104733	5	0.50	<2	2	178	<8	0.03	<10	16	<10	51	<5
104734	7	0.92	<2	2	174	<8	0.01	<10	16	<10	44	<5
104735	11	0.97	<2	<2	241	<8	<0.01	<10	5	<10	56	<5
104736	9	0.88	<2	2	201	<8	0.01	<10	16	<10	57	<5
104736PD	10	0.89	3	2	192	<8	0.01	<10	18	<10	60	<5
104737	2	0.76	4	3	121	<8	0.05	<10	22	<10	42	<5
104738	3	0.81	<2	<2	126	<8	0.02	<10	12	<10	50	<5
104739	4	0.41	<2	<2	143	<8	0.04	<10	10	<10	58	<5
104740	977	8.16	29	3	44	<8	<0.01	<10	49	<10	7335	<5
104741	3	0.26	<2	2	29	<8	0.06	<10	12	<10	53	<5
104742	7	0.35	<2	<2	33	<8	0.05	<10	12	<10	45	<5
104743	5	0.63	<2	<2	71	<8	<0.01	<10	2	<10	8	<5
104744	5	2.01	4	7	123	<8	0.08	<10	72	<10	77	<5
104745	4	0.79	<2	<2	53	<8	0.03	<10	14	<10	47	<5
104746	4	0.66	<2	2	40	<8	0.06	<10	18	<10	61	<5

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Canada

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	2	0.01	2	2	1	8	0.01	10	1	10	1	5
104747	7	1.45	<2	5	133	<8	0.14	<10	67	<10	67	<5
104748	4	0.64	<2	<2	37	<8	0.04	<10	17	<10	45	<5
104749	4	0.63	3	2	32	<8	0.05	<10	20	<10	43	<5
104750	<2	0.88	3	2	55	<8	0.07	<10	26	<10	46	<5
104751	5	1.03	<2	2	59	<8	0.05	<10	25	<10	49	<5
104752	6	0.49	<2	<2	34	<8	0.06	<10	19	<10	42	<5
104753	3	0.77	<2	3	64	<8	0.13	<10	42	<10	59	<5
104754	3	1.08	<2	3	155	<8	0.06	<10	29	<10	53	<5
104755	4	0.56	<2	2	59	<8	0.11	<10	34	<10	51	<5
104756	<2	0.72	<2	4	77	<8	0.12	<10	44	<10	70	<5
104757	5	0.79	6	<2	222	<8	0.03	<10	17	<10	46	<5
104758	5	1.07	5	6	181	<8	0.10	<10	55	<10	66	<5
104759	6	0.86	<2	<2	111	<8	0.04	<10	19	<10	36	<5
104760	<2	0.01	2	<2	73	<8	<0.01	<10	1	<10	2	<5
104761	4	1.09	<2	<2	62	<8	0.04	<10	17	<10	37	<5
104762	4	1.16	<2	2	54	<8	0.09	<10	32	<10	44	<5
104763	4	1.07	<2	2	90	<8	0.06	<10	29	<10	49	<5
104764	4	1.09	<2	2	198	<8	0.03	<10	23	<10	48	<5
104765	5	1.61	<2	3	169	<8	0.02	<10	24	<10	75	<5
104766	3	1.32	<2	<2	66	<8	0.04	<10	25	<10	56	<5
104767	7	5.34	7	<2	52	<8	<0.01	<10	8	<10	115	<5
104768	6	0.69	2	<2	72	<8	<0.01	<10	4	<10	13	<5
104769	4	0.35	<2	<2	22	<8	0.02	<10	6	<10	16	<5
104770	6	1.12	<2	<2	59	<8	0.02	<10	12	<10	29	<5
104771	4	1.11	<2	2	73	<8	0.08	<10	27	<10	45	<5

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Kelowna, British Columbia, V1Y 7T2
Canada

TEST REPORT:	YVR2110639
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104772	3	1.27	3	3	94	<8	0.09	<10	31	<10	52	<5
104773	7	1.08	<2	3	128	<8	0.08	<10	32	<10	55	<5
104774	7	1.53	<2	2	122	<8	0.02	<10	21	<10	53	<5
104775	6	1.32	<2	3	114	<8	0.10	<10	33	<10	62	<5
104776	5	0.95	<2	<2	119	<8	0.05	<10	21	<10	48	<5
104777	6	0.97	<2	3	86	<8	0.10	<10	31	<10	51	<5
104778	6	1.43	7	2	324	<8	0.02	<10	16	<10	45	<5
104779	5	0.91	<2	<2	96	<8	0.03	<10	19	<10	44	<5
104780	1086	7.54	34	4	46	<8	<0.01	<10	46	<10	7330	6
104781	6	2.22	<2	<2	135	<8	<0.01	<10	9	<10	110	<5
104782	7	2.05	<2	<2	83	<8	0.02	<10	16	<10	47	<5
104783	5	1.21	<2	<2	57	<8	0.02	<10	11	<10	32	<5
104784	6	1.72	<2	3	63	<8	0.07	<10	26	<10	53	<5
104785	7	2.35	<2	<2	117	<8	0.03	<10	19	<10	48	<5
104786	5	1.85	6	<2	204	<8	0.01	<10	17	<10	48	<5
104787	9	1.36	<2	<2	107	<8	<0.01	<10	10	<10	31	<5
104788	7	2.11	<2	<2	82	<8	<0.01	<10	5	<10	38	<5
104788PD	5	2.01	3	<2	88	<8	<0.01	<10	5	<10	34	<5
104789	<2	1.54	3	2	69	<8	0.05	<10	27	<10	50	<5
104790	3	1.08	<2	3	102	<8	0.10	<10	32	<10	74	<5
104791	4	0.83	3	3	95	<8	0.11	<10	34	<10	57	<5
104792	3	0.87	3	3	58	<8	0.14	<10	37	<10	57	<5
104793	5	0.91	5	3	43	<8	0.14	<10	37	<10	55	<5
104794	3	0.76	3	2	41	<8	0.10	<10	28	<10	54	<5
104795	<2	0.73	<2	2	58	<8	0.10	<10	28	<10	55	<5

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104796	7	0.81	<2	<2	37	<8	0.03	<10	10	<10	40	<5
104797	<2	0.73	3	3	106	<8	0.12	<10	34	<10	59	<5
104798	3	2.20	<2	3	130	<8	0.09	<10	37	<10	70	<5
104799	<2	0.88	5	3	70	<8	0.15	<10	43	<10	63	<5
104800	<2	<0.01	<2	<2	55	<8	<0.01	<10	<1	<10	3	<5
104801	9	2.76	2	<2	499	<8	<0.01	<10	13	<10	94	<5
104802	5	3.36	<2	2	203	<8	0.03	<10	22	<10	88	<5
104802PD	6	2.76	4	2	212	<8	0.03	<10	23	<10	79	<5
104803	4	1.08	<2	3	118	<8	0.08	<10	36	<10	53	<5
104804	4	2.67	4	3	84	<8	0.10	<10	46	<10	69	<5
104805	3	1.42	<2	2	58	<8	0.08	<10	30	<10	57	<5
104806	5	1.15	<2	<2	91	<8	0.03	<10	18	<10	64	<5
104807	6	0.79	<2	2	109	<8	0.07	<10	31	<10	72	<5
104808	4	2.01	<2	2	138	<8	0.05	<10	29	<10	93	<5
104809	5	0.94	<2	3	47	<8	0.12	<10	40	<10	59	<5
104810	<2	0.98	<2	3	108	<8	0.11	<10	38	<10	56	<5
104811	6	1.80	<2	<2	131	<8	0.04	<10	24	<10	55	<5
104812	3	1.51	<2	<2	86	<8	0.08	<10	32	<10	60	<5
104813	4	1.10	5	2	53	<8	0.10	<10	34	<10	64	<5
104814	5	0.92	4	<2	47	<8	0.09	<10	29	<10	46	<5
104815	5	1.32	<2	<2	68	<8	0.08	<10	30	<10	53	<5
104816	4	0.94	5	2	61	<8	0.11	<10	37	<10	56	<5
104817	6	0.08	3	8	24	<8	0.21	<10	90	<10	65	<5
104818	5	0.10	<2	<2	9	<8	<0.01	<10	5	<10	12	<5
104819	5	0.32	<2	3	25	<8	0.07	<10	32	<10	50	<5

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104820	4138	>10	111	2	53	<8	<0.01	15	33	<10	>10000	7
104821	6	0.24	5	4	26	<8	0.12	<10	47	<10	57	<5
104822	4	0.37	<2	3	19	<8	0.10	<10	32	<10	38	<5
104823	6	0.70	<2	3	19	<8	0.04	<10	26	<10	44	<5
104824	5	0.55	<2	2	23	<8	0.02	<10	20	<10	37	<5
104825	5	0.60	<2	4	24	<8	0.04	<10	36	<10	50	<5
104826	7	0.79	2	13	38	<8	0.16	<10	101	<10	81	<5
104827	6	0.64	<2	8	41	<8	0.10	<10	81	<10	67	<5
104828	6	0.20	<2	12	29	<8	0.21	<10	80	<10	71	<5
104828PD	6	0.24	4	11	31	<8	0.20	<10	81	<10	73	<5
104829	6	0.63	3	5	29	<8	0.08	<10	42	<10	57	<5
104830	4	0.80	<2	3	34	<8	0.01	<10	26	<10	60	<5
104831	7	0.67	4	<2	33	<8	<0.01	<10	17	<10	44	<5
104832	4	0.43	<2	4	22	<8	0.05	<10	34	<10	55	<5
104833	<2	0.75	<2	3	21	<8	0.01	<10	21	<10	159	<5
104834	8	1.31	2	23	54	<8	0.24	<10	200	<10	135	<5
104835	6	1.97	<2	14	45	<8	0.21	<10	189	<10	159	<5
104836	4	0.59	<2	8	52	<8	0.12	<10	46	<10	64	<5
104837	3	0.22	<2	9	50	<8	0.13	<10	33	<10	58	<5
104838	<2	0.28	<2	8	59	<8	0.12	<10	42	<10	57	<5
104839	5	0.58	6	7	73	<8	0.09	<10	36	<10	68	<5

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DUP 104765	4	1.59	3	3	167	<8	0.02	<10	24	<10	73	<5
DUP 104814	3	0.92	5	<2	45	<8	0.09	<10	29	<10	46	<5
DUP 104827	7	0.64	<2	8	41	<8	0.10	<10	80	<10	65	<5
STD BLANK	<2	<0.01	<2	<2	<1	<8	<0.01	<10	<1	<10	<1	<5
STD BLANK	<2	<0.01	<2	<2	<1	<8	<0.01	<10	<1	<10	<1	<5
STD BLANK	<2	<0.01	<2	<2	<1	<8	<0.01	<10	<1	<10	<1	<5
STD OREAS 20a	7	0.07	<2	8	65	21	0.36	<10	105	<10	64	12
STD OREAS 601	283	1.04	23	<2	36	<8	0.01	<10	9	<10	1295	27
STD OREAS 20a	6	0.07	6	8	61	20	0.36	<10	104	<10	63	11

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Appendix IV

Receipts and Invoices

Arctic Fox Ventures Inc.

Spius Project

Jun-21

FIELD WORK				
Personnel (Title)	Dates	Days	Rate	Amount
Senior Project Geologist	March 26-June 30	21	\$900	\$ 18,900.00
Geologist	June 5-19	15	\$750	\$ 11,250.00
Geotechnician	June 5-18	14	\$525	\$ 7,350.00
SUBTOTAL:		50		\$ 37,500.00
OFFICE STUDIES				
	Personnel (Title)	Hours	Rate	Amount
Program Planning, Permit & Communications	Senior Project Geologist	28.5	\$115.00	\$ 3,277.50
Office Administrative Work	Administrative Assistant	13.5	\$45.00	\$ 607.50
SUBTOTAL:		28.5		\$ 3,885.00
TRANSPORTATION				
	Days	Km's	Rate	Amount
ATV Rental	14		\$100.00	\$ 1,400.00
Truck Mileage- Paved		3651	\$1.00	\$ 3,651.00
Truck Mileage- Gravel		1664	\$1.65	\$ 2,745.60
SUBTOTAL:				\$ 7,796.60
RENTALS/CONSUMABLES				
	Quantity	Days	Rate	Amount
Poly Sample Bags	139		\$0.50	\$ 69.50
Core Saw		6	\$46.00	\$ 276.00
Core Logging Supplies		1	\$30.00	\$ 30.00
Field Laptop	2	14	\$10	\$ 280.00
SUBTOTAL:				\$ 655.50

TOTAL \$49,837.10