



BC Geological Survey
Assessment Report
38662



Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)] 2019 Sieved Silt Survey and Rock Sampling Program
TOTAL COST \$ 10,067.88

AUTHOR(S) A. Koffyberg, PGeo , W.R. Gilmour, PGeo SIGNATURE(S) [Handwritten signature]

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) none YEAR OF WORK 2019

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) Event 5754916 dated 2019/SEP/11; Event 5766445 dated 2019/DEC/06

PROPERTY NAME Mouse South Property

CLAIM NAME(S) (on which work was done) 1062992

COMMODITIES SOUGHT gold, copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN

MINING DIVISION Cariboo NTS 093G/01; 093B/16

LATITUDE 53 o 00 . 51 " LONGITUDE 122 o 20 . 07 " (at centre of work)

OWNER(S)
1) Tech-X Resources Inc 2)

MAILING ADDRESS
3886 West 36th Ave
Vancouver , BC V6N 2S6

OPERATOR(S) [who paid for the work]
1) same as above 2)

MAILING ADDRESS
same as above

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Nicola Group volcanics, 12 Mile Stock, ultramafic- mafic complex, syenite, diorite, skarn, quartz veining, gold, chalcopyrite, pyrite, malachite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 35472, 21664, 16513, 13872, 10506

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 _____	13 sieved silts, multi-element analysis ICP-MS		8,725.50
Rock _____	2 rocks, multi-element analysis ICP-MS		1,342.38
Other _____			
DRILLING			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____			
PREPARATORY/PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
		TOTAL COST	10,067.88

ASSESSMENT REPORT
on the
2019 SIEVED SILT SURVEY and ROCK SAMPLING PROGRAM

on the
MOUSE SOUTH PROPERTY

Cariboo Mining Division, BC
BCGS 093G.009, 093B.099

**For
Owner/Operator**

TECH-X RESOURCES INC.

3886 West 36th Avenue
Vancouver, British Columbia
V6N 2S6

By

A. Koffyberg, PGeo

W.R. Gilmour, PGeo

Discovery Consultants

101 - 2913 29th Ave
Vernon, BC, V1T 1Z2

Exploration on Claim: 1062992

Work filed on Claim: 1062992

NTS: 093G/01; 093B/16
LATITUDE: 53° 00' 51" N
LONGITUDE: 122° 20' 07" W
AUTHORS: A. Koffyberg, PGeo and W.R. Gilmour, PGeo
CONSULTANT: Discovery Consultants
DATE: December 4, 2019

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1.0 SUMMARY

A sieved silt geochemical sampling program was carried out over the Mouse South Property, which is owned by Tech-X Resources Inc. The exploration program was designed and carried out by Discovery Consultants of Vernon, BC. Fieldwork took place from September 9 to 11, 2019.

The Property is located in the Cariboo region of south-central British Columbia, approximately 14 km east of the town of Quesnel and 132 km north-northeast of the City of Williams Lake. The centre of Property lies at latitude 53°00' 51"N, and longitude 122°20' 07" W, and is situated north of the Quesnel River.

The Property can be reached from Quesnel along Highway 26, the Wells - Barkerville highway, which leaves Highway 97 at the north end of town. Highway 26 intersects the Property at the 9.9 km mark, and continues through the northern part of the Property. Access to the southern part of the Property is best gained from logging roads leaving Highway 26 to the south.

Physiographically, the area is situated at the eastern edge of the Fraser Basin, which lies within the Interior Plateau. The topography consists of a glaciated and stream-eroded plateau which displays gentle relief, situated north of Quesnel River and east of the Fraser River. The Property slopes to the south, with elevations of 950 m above sea level at the northern part, down to about 600 m asl at the southern end. In the centre of the Property is a deeply incised creek, along with a smaller creek to the east; both flow south into Quesnel River. The Quesnel River flows west into the Fraser River within the town of Quesnel.

The Property consists of one MTO mineral title, covering an area of approximately 1,225 hectares. The title is 100% owned by Tech-X Resources Inc, which acquired the claim by MTO staking in September 2018. The title lies on BCGS Map Sheets 093G.001 and 093B.099.

Initial exploration in the area focussed on the Mouse Mountain property, which lies adjacent to the north boundary of the Property. Copper mineralization was noted along the edge of the highway in the 1950s; pits were dug and the area was prospected. Between 1970 and 2012, the property was explored by Bethlehem Copper, Dupont of Canada, Placer Dome, Teck Resources and Richfield Ventures Corp. These companies carried out various geochemical, geophysical and drilling exploration programs. The Mouse Mountain deposit is classified as an alkalic copper-gold occurrence.

Exploration on the Property began with the Cot group of claims, which was held by First Nuclear Corp, of Calgary, Alberta, between 1980 and 1990 as the southern part of the Mouse Mountain property. In 1981, the ground was explored with a gridded ground magnetometer survey and a reconnaissance soil geochemical survey. Since exploration at that time was for base metals, only lead, zinc, copper and molybdenum were analysed. Exploration in 1984 consisted of a

more detailed soil sampling and magnetometer survey at 250-metre line intervals and 50 m intervals. This survey was continued in 1985, along with geological mapping. Six samples having greater than 100 ppb Au (max 630 ppb Au), about 125 m south of highway 26, west of the creek. The ground magnetometer survey outlined a magnetic high near the centre of the claim, consisting of two northwest trending lobes.

In 1987, a more detailed soil survey was conducted, along with a stream sediment survey and geological mapping on the Cot 2 claim, for a total of 423 soil samples and 14 silt samples. Gold-in-soil values reached up to 85 ppb Au, with a general clustering of moderately anomalous (defined as 50-99 ppb Au) samples in the same vicinity as the anomalous gold from the 1985 survey grid. The claim was allowed to drop in early 1990.

The Nel #1 claim was staked in Sept 1990 for D. L. Cooke and Associates Ltd of Vancouver, which covered the former Cot 2 claim. Work in 1991 consisted of prospecting and soil sampling traverses across the northern boundary and the central area of the claim, and rock chip sampling along the canyon of the main creek. Soils were collected at 50-metre intervals. However, it was found that thick glacial till cover prevented soil geochemistry from accurately reflecting underlying bedrock geology.

From 2005 to 2012, the ground was again part of the Mouse Mountain property, at that time owned by Richfield Ventures Corp. Work focussed on the Mouse Mountain copper - gold deposit, and it is not known whether the ground currently held by Tech-X was explored. From 2014 to 2016, the ground was explored as the QC property by geologist S. Kocsis; prospecting and an airborne magnetic and radiometric survey were completed.

Regional mapping and compilations by geologists of the BC Geological Survey indicate that the Property is mainly underlain by rocks of the Late Triassic Nicola Group. Property-scale geological mapping was carried out by First Nuclear Corp along the soil grid lines and down into the ravine along the incised creek drainage. This area is underlain by the 12 Mile Stock, an mafic-ultramafic complex. As described in a petrographic report, thin sections of various rock samples that were collected in the ravine showed the following rock types: fine-grained syenite; diorite; skarn; quartz monzonite; and andesite. Almost all outcrops are strongly fractured and shearing is common, sometimes accompanied by chlorite or serpentine. The deeply incised creek is interpreted as being a sinuous northeast to north-northeast trending fault.

Based on the budget and the difficulty associated with soil geochemical surveys that are underlain by thick glacial till, it was decided to carry out a reconnaissance-type silt sediment geochemical survey. The 2019 exploration program comprised the collection of sieved silt samples along the main creek drainage and along a secondary drainage to the east, by personnel of Discovery Consultants. Fieldwork consisted of a 2-person crew, who carried out the geochemical survey from September 9 to 11, 2019. In total, 13 silt samples and 2 rock samples were collected for analysis.

The geochemical survey yielded high gold values, with seven of the samples yielding gold values of greater than 400 ppb gold. The main drainage had anomalous values of 1921, 1621, 1127, 738, 498 and 99 ppm Au along a creek length of approximately 1.5 km. The smaller creek to the east also contained anomalous gold, having values of 1056 and 411 ppb Au.

Silver, copper, molybdenum, lead and zinc values are not considered to be anomalous.

Two grab rock samples were collected within the canyon area along the creek bottom. These rocks were dark green, porphyritic volcanic rocks with thin quartz veining. Copper values are 59 and 36 ppm Cu, with no anomalous gold values.

It is not known whether the source is primary (bedrock) or secondary (placer). Note that the stream sediments are derived from till, which mantles the Property, as well as from some surficial soils and colluvium. There is the possibility that the high gold values may be due to placer-type gold.

In order to better understand whether or not the gold is placer-derived, it is recommended that the lab reject material be examined for placer gold. Heavy mineral concentrates can be produced at different mesh/magnetic fractions and examined under the microscope for gold grains. Any gold grains that are collected can then be analysed using a scanning electron microscope, to determine the nature of the gold grains.

2.0 INTRODUCTION

This assessment report on the Mouse South property ("Property") has been prepared at the request of Mr Jim Dawson, of Tech-X Resources Inc. ("Tech-X"). Discovery Consultants of Vernon, BC, was contracted to conduct a small exploration program and file the work for assessment. This report describes the 2019 silt and rock sampling program, sampling procedures, results and conclusions. Fieldwork took place from September 9 to 11, 2019.

3.0 LOCATION AND ACCESS

The Property is located in the Cariboo region of south-central British Columbia, approximately 14 km east of the town of Quesnel and 132 km north-northeast of the City of Williams Lake (Figure 1). The centre of Property lies at latitude 53°00' 51" N, and longitude 122°20' 07" W, and the Property is situated north of the Quesnel River. The Property has a width of 4.2 km north to south, and a length of 3.0 km east to west.

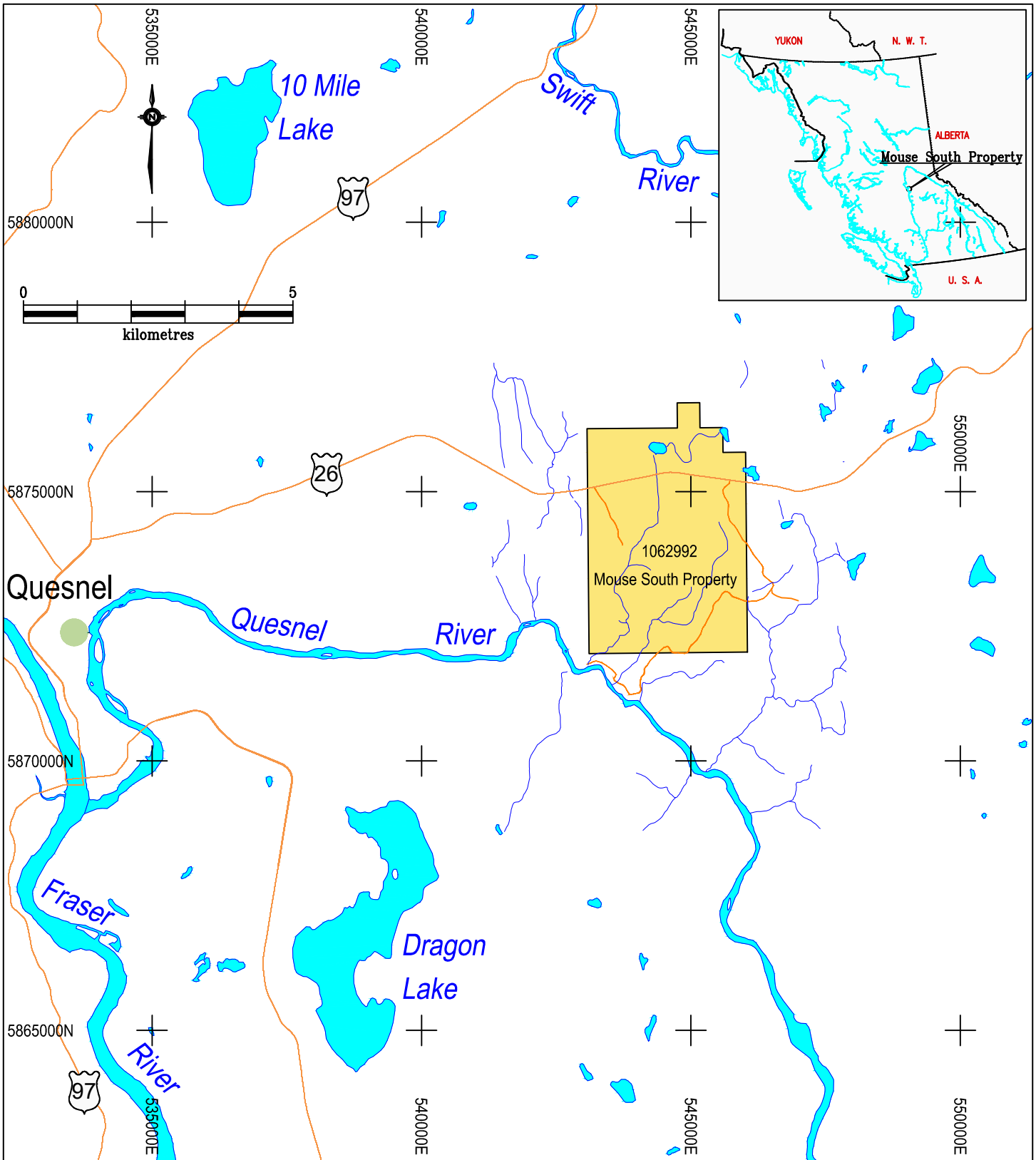
The Property can be reached from Quesnel along Highway 26, the Wells - Barkerville highway, which leaves Hwy 97 at the north end of town. Highway 26 intersects the Property at the 9.9 km mark, and continues through the north part of the Property (Figure 1). Access to the south part of the Property is best gained from logging roads leaving Highway 26 to the south.

4.0 TOPOGRAPHY, VEGETATION & CLIMATE

Physiographically, the area is situated within the Fraser Plateau, which is part of the larger Interior Plateau, and very near the edge of the Fraser Basin. The topography consists of a glaciated and stream-eroded plateau which displays gentle relief, situated north of Quesnel River and east of the Fraser River. The Property slopes to the south, with elevations of 950 m above sea level at the northern part, down to about 600 m asl at the southern end. In the centre of the Property is a deeply incised creek, along with a smaller creek to the east; both flow south into Quesnel River. The Quesnel River flows west into the Fraser River within the town of Quesnel.

The region is covered by a continuous sheet of glacial till, which results in small lakes, bogs and swamps. Much of the Property is covered by a till blanket of 1 to 3 m thickness, along with glacio-lacustrine deposits on its western edge. Rock outcroppings usually occur on ridge tops and topographic knobs and along deeply incised creeks. During the last glacial period, the ice advanced in a northerly direction (Blais-Stevens and Clague 2007; Tipper, 1971).

Vegetation in the area consists of mixed forest of mainly spruce, fir and cedar, along with birch and cottonwood trees. Various sections of the Property have been logged in recent times, and the region has been recently affected by mountain pine beetle infestation.



DISCOVERY Consultants

Tech-X Resources Inc.

Mouse South Property

Location and Access

The climate of the Quesnel area is considered humid continental, and is relatively mild for its latitude since it is subject to marine airflow from the Pacific. At Quesnel, summer temperatures average 24°C, whereas winter temperatures average -8°C. The annual mean total precipitation is reported to be 536 mm, of which 394 mm is snow. Most small drainages tend to dry up in the late summer.

5.0 PROPERTY DESCRIPTION

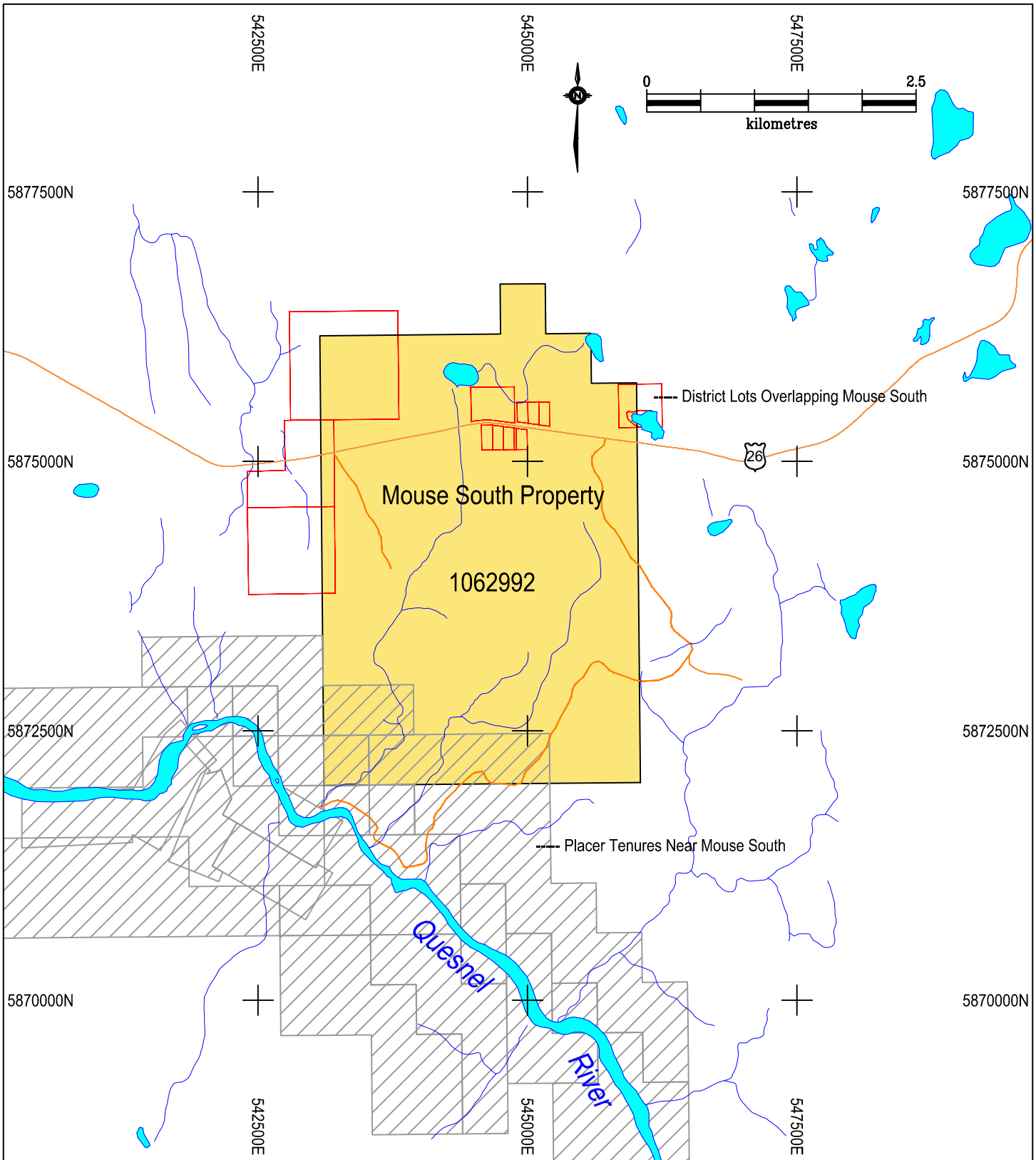
The Property consists of one MTO mineral title, covering an area of approximately 1,225 hectares (Figure 2). The title is 100% owned by Tech-X Resources Inc, which acquired the title by MTO staking in September 2018. The title lies on BCGS Map Sheets 093G.001 and 093B.099. Table 1 lists the details of the mineral title. The Good To Date is pending acceptance of this report.

TABLE 1: Mineral Title Description

Tenure Number	Owner	Issue Date	Good To Date	Area (ha)
1062992	Tech-X Resources Inc.	2018/SEP/12	2021/NOV/09	1,225.48
			Total Area	1,225.48

Several District Lots lie along Highway 26 within the Property, some of which also include private dwellings. Any future exploration work on private land will require a notification of work to all landowners.

In addition, the southern part of the Property is covered by several MTO placer titles (Figure 2). This group of placer claims are part of a series of placer claims that extend to the northwest and southeast, following the Quesnel River.



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Tech-X Resources Inc.

Mouse South Property

Mineral Title Location

6.0 EXPLORATION HISTORY

Initial exploration in the area focussed on the Mouse Mountain property (see Figure 3), which lies adjacent to the north boundary of the Property. Copper-gold mineralization was noted along the edge of the highway in the 1950s; pits were dug and the area was prospected. In 1970, Bethlehem Copper drilled 14 percussion holes on the Mouse Mountain property, followed by Dupont of Canada, which drilled five percussion holes in 1975. Placer Dome optioned the property from Quesnel Mines Ltd in 1989 and completed an extensive induced polarization (IP) and magnetic geophysical survey, to test for QR-type replacement gold mineralization. Teck drilled the property in 1991 with 12 diamond drill holes, exploring the property as an alkalic porphyry-type deposit. Richfield Ventures Corp carried out further exploration from 2005 to 2012, completing 19 diamond drill holes, 26 trenches, 90 km of ground IP and rocks and soil surveys. The Property is currently owned by CanAlaska Uranium Ltd.

Exploration on the Mouse South Property began with the Cot group of claims, which was held by First Nuclear Corp, of Calgary, Alberta between 1980 and 1990 as the southern part of the Mouse Mountain property. In 1981, the ground was explored with a gridded ground magnetometer survey and a reconnaissance soil geochemical survey. Since exploration at that time was for base metals, only lead, zinc, copper and molybdenum were analysed. A strong magnetic anomaly was also outlined (Stewart, 1982). Exploration in 1984 consisted of a more detailed soil sampling and magnetometer survey at 250-metre line intervals and 50-m intervals. This survey was continued in 1985, along with geological mapping. Six samples having greater than 100 ppb Au were outlined (max 630 ppb Au), about 125 m south of highway 26, west of the creek. The ground magnetometer survey outlined a magnetic high near the centre of the claim, consisting of two northwest trending lobes (Climie, 1985).

In 1987, a more detailed soil survey was conducted, along with a stream sediment survey and geological mapping on the Cot 2 claim. A total of 423 soil samples and 14 silt samples was collected, and for topographic control, 22 line-kilometres of grid were surveyed (Climie, 1987). Gold-in-soil values reached up to 85 ppb Au, with a general clustering of moderately anomalous (defined as 50-99 ppb Au) samples in the same vicinity as the anomalous gold from the 1985 survey grid. The claim was allowed to drop in early 1990.

The Nel #1 claim was staked in Sept 1990 for D. L. Cooke and Associates Ltd of Vancouver, which covered the former Cot 2 claim. Work in 1991 consisted of prospecting and soil sampling traverses across the northern boundary and the central area of the claim, and rock chip sampling along the canyon of the main creek. Soils were collected at 50-metre intervals. However, it was found that thick glacial till cover prevented soil geochemistry from accurately reflecting underlying bedrock geology (Cooke, 1991).

From 2005 to 2012, the ground was again part of the Mouse Mountain property, at that time owned by Richfield Ventures Corp. The company amalgamated smaller claims into one large

MTO 536268 claim. Work focussed on the Mouse Mountain copper - gold deposit, and it is not known whether the ground currently held by Tech-X was explored.

Much of the ground within the current Property boundary was held by geologist S. Kocsis from 2014 to 2016 as the QC property; prospecting and an airborne magnetic and radiometric survey were completed (Kocsis and Maciag, 2015).

7.0 GEOLOGY

7.1 Regional Geology

The stratigraphy of the Quesnel Terrane in the Mouse Mountain area has been examined by Panteleyev et al. (1996), Bailey (1990) and more recently by BC Geology Survey geologist Logan (2008) and Logan et al. (2008). The Property lies within the Quesnel Terrane of the Intermontane Belt. The rocks of the Quesnel Terrane are predominantly sedimentary and volcanic rocks of the Middle to Upper Triassic Nicola Group, representing an island arc and marginal basin assemblage.

To the west, the Quesnel Terrane is fault-bounded against Paleozoic and Mesozoic rocks of the Cache Creek Terrane. To the east, the Eureka Thrust is a west-dipping, continental-scale thrust fault that separates the Quesnel Terrane from the Paleozoic and older metamorphosed rocks of the Kootenay Terrane.

In the central part of the Quesnel Belt, the Nicola Group rocks comprise four main subdivisions as described by Logan (2008):

- 1) a basal unit of mid-Triassic argillite and fine clastic sedimentary rocks termed the Black Pelitic Succession;
- 2) the Eastern Volcaniclastic Succession, comprising pyroxene-phyric flow breccia and tuff;
- 3) the Cottonwood River Succession composed of fine-grained clastic metasedimentary rocks, cherty argillite, limestone and volcaniclastic limestone and;
- 4) the Western Volcaniclastic Succession, consisting of pyroxene-rich polyolithic volcanic conglomerates. The Property lies in the Western Succession.

Unconformably overlying the Late Triassic Nicola group rocks are Early Jurassic sedimentary and epiclastic rocks (Panteleyev et al., 1996).

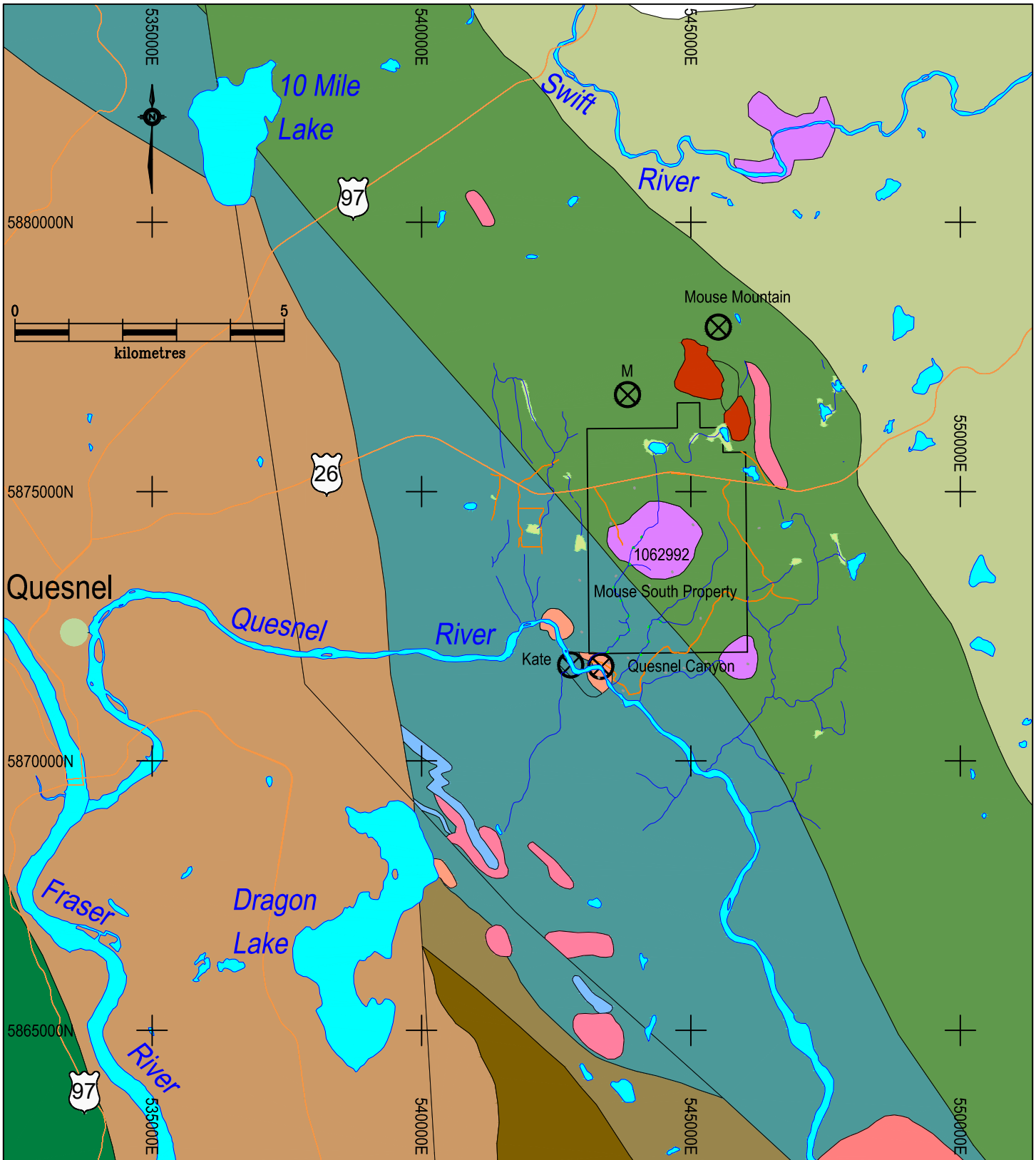
Intrusive rocks include various Late Triassic to Early Jurassic suites of rocks. In the area of the Property are a number of small composite mafic-ultramafic intrusive bodies, of Early Jurassic age (Logan, 2008). The Abhau stock, located north of the Property, is the largest of these mafic complexes, with an area of about 20 square kilometres. Within the Property is the 12 Mile stock. Like the Abhue Stock, it has a distinctive circular magnetic high anomaly on regional magnetic maps, and is poorly exposed. Exposures are limited to steeply incised walls of a creek

ravine. Outcrops consist of pyroxenite and pyroxene-biotite diorite and intrusion breccia with angular blocks of gabbro, pyroxenite and diorite within a equigranular pyroxene-hornblende monzodiorite. Joints and fractures are coated with chlorite, serpentine and calcite. The plagioclase is extensively sericitized and/or saussauritized. Apatite and magnetite are abundant (Logan, 2008).

The dominant structural features in the area are northwest-trending faults and fractures. Rocks of the Western Volcaniclastic Succession are generally metamorphosed to sub-greenschist facies.

Unconsolidated Holocene and Pleistocene sediment cover much of the area. Recent surficial mapping by Blais-Stevens and Clague (2007) shows that the plateau region on the Property is covered by a till blanket averaging 1 to 3 metres thick. The western part of the Property lies near the eastern extent of deposits made of glaciolacustrine sediments, consisting of well sorted, stratified sand, silt and clay material deposited in deep water of former glacial lakes. Colluvium material, consisting of diamicton and rubble comprise the main drainages on the Property.

Figure 3 shows the regional geology, based on a geological compilation map by Logan et al. (2008). Figure 4 is the geology legend.



DISCOVERY Consultants

Tech-X Resources Inc.

Mouse South Property

Regional Geology














1062992



LEGEND

- Mineral title location
- Roads
- Minfile location and name

GEOLOGY

-  Oligocene–Australian Creek Formation; conglomerate, coarse clastic sedimentary rocks
-  Eocene–Endako Group; basaltic volcanic rocks
-  Middle Jurassic–Ste. Marie Plutonic Suite; potassium feldspar megacrystic quartz monzonite, granodiorite and granite intrusive rocks
-  Middle Jurassic–Ste. Marie Plutonic Suite; granite, alkali feldspar granite intrusive rocks
-  Lower–Middle Jurassic–Dragon Mountain Succession; mudstone, siltstone, shale fine clastic sedimentary rocks
-  Lower–Middle Jurassic–Dragon Mountain Succession; sandstone, conglomerate sandstone, siltstone, slate, phyllite, coarse–fine clastic sedimentary rocks
-  Early Jurassic–Polaris Ultramafic Suite; mafic to ultramafic intrusive rocks
-  Late Triassic–Jurassic–Takomkane Plutonic Suite; granodioritic intrusive rocks
-  Late Triassic–Mouse Mountain Stock; microporphyritic monzonite, syenite intrusive rocks
-  Upper Triassic–Nicola Group; limestone, marble, calcareous sedimentary rocks
-  Upper Triassic–Nicola Group; siltstone, cherty argillite, volcanoclastic sandstone, limestone
-  Upper Triassic–Nicola Group; Polymict volcanic breccia containing clasts of latite, trachyte and intrusive equivalents; basalt flows and breccias; some felsic volcanic breccias and flows
-  Upper Triassic–Nicola Group; Pyroxene and pyroxene–hornblende basalt flows, breccias and tuffs; minor sandstone, siltstone, limestone and limestone breccia

Data after BCGS digital geology 2018–04–05

DISCOVERY

Consultants

Tech–X Resources Inc.

Mouse South Property

Regional Geology Legend

7.2 Property Geology

Most of the Property is mantled by a veneer of till, and outcrop is restricted to a 300 metre section along the ravine bottom of the central creek. Regional mapping and compilations by geologists of the BC Geological Survey indicate that the Property is mainly underlain by rocks of the Late Triassic Nicola Group rocks (Logan, 2008). Geological mapping at the Property scale was carried out by First Nuclear Corp along the soil grid lines and down into the ravine along the incised creek drainage (Climie, 1987). This area is underlain by the 12 Mile Stock, an mafic-ultramafic complex, as described by Logan (2008). As described in a petrographic report by A. Farkas (Climie, 1987), thin sections of various rock samples that were collected in the ravine showed the following rock types:

- Unit 1 – fine-grained syenite, consisting of plagioclase, biotite with minor chlorite, pyroxene, epidote, carbonate, magnetite and sulphide. The rock has undergone intense metasomatism to unit 2 or to skarn (Unit 3)
- Unit 2 - moderately to intensely metasomatized intrusion, believed to have been diorite or syenite (Unit 1). It contains trace pyrite, chalcocopyrite and malachite along with quartz veining and carbonate veinlets. It is the predominant lithology exposed.
- Unit 3 - skarn, consisting of diopside, magnetite and lesser other minerals including pyrite, chalcocopyrite, epidote and chlorite
- Unit 4 - quartz monzonite. In outcrop it is moderately to strongly altered.
- andesite or basaltic andesite, with carbonate veinlets. This is the most common float seen on the property. This is probably part of the Triassic Nicola Group rocks

Almost all outcrops are strongly fractured and shearing is common, sometimes accompanied by chlorite or serpentine. The deeply incised creek is interpreted as being a sinuous northeast to north-northeast trending fault.

The Property lies adjacent to the Mouse Mountain deposit, which lies 1.5 km north of Highway 26. The Mouse Mountain deposit is an alkalic porphyry copper-gold deposit and comprises three zones of mineralization: the High Grade zone, the Valentine zone and the Rainbow Breccia (Dupont) zone. Mineralization consists of chalcocopyrite, bornite and minor tetrahedrite and occurs within felsic to intermediate breccia as disseminations and fracture fillings. Disseminated copper mineralization also occurs within the feldspar porphyry stock. Numerous geochemical, geophysical, geological and drilling programs have been conducted on the deposit since the 1970s by various companies including Bethlehem Copper, Dupont, Placer Dome and Teck Exploration.

Associated with the Mouse Mountain deposit is the M alkalic copper porphyry showing (093G 005). According to the BC Minfile description, the exact location is poorly defined, and the area has been explored as part of the Mouse Mountain property. Near the southwest corner of the Property are the Kate (porphyry copper) and Quesnel Canyon (placer gold) showings.

8.0 2019 SILT and ROCK GEOCHEMICAL SURVEY

Based on the budget and because of the difficulty associated with soil geochemical surveys that are underlain by thick glacial till, it was decided to carry out a reconnaissance-type silt sediment geochemical survey. The 2019 exploration program comprised the collection of sieved silt samples along the main creek drainage and along a secondary drainage to the east, by personnel of Discovery Consultants. Grab rock samples of interest in the canyon were also to be collected.

8.1 Sampling Method and Approach

Discovery Consultants carried out the sieved silt geochemical survey on September 9 to 11, 2019 along the main drainages that cut north-south through the Property. Fieldwork consisted of a 2-person crew, who stayed in the town of Quesnel and drove to the Property using a 4-wheel drive vehicle. Windfall and bush made access slow along the creek.

The sample collection method was designed to best evaluate the gold potential of the Property. If a sand or gravel bar is present, a concentration of heavy minerals typically normally occurs at the head of the bar. In contrast to the classic base-metal silt sampling procedure, where very fine-grained particles of silt or clay are collected from quiet water sedimentation, high energy environments within the sediments provide the best material for this type of sieved silt sampling.

The samples were collected by carefully shovelling stream sediments, sampled down through the sediment layers, into a -20 mesh stainless steel sieve (diameter 36 cm, depth 17 cm) that rested in a large aluminum pan containing water. Some liquid detergent was added to the wash water to prevent flotation of small metallic mineral grains. Using handles on the sieve, a rotary-type motion was used to sieve the sediments. The weight of field samples ranged from 2 to 5 kg. Sieves and pans were thoroughly cleaned after each sample.

Ground control of sample sites was carried out with the use of a hand-held Garmin GPS. At each location field observations about the sample site, float and in situ geology, as well as flow rates, were recorded. Sites were flagged and marked with an aluminum tag attached to a permanent object.

In total, 13 silt samples were collected for analysis. Two rock grab samples were also collected in the canyon along the main drainage. Samples were collected in plastic bags, placed in rice bags and couriered to MS Analytical Labs in Langley, BC, for analysis.

8.2 Sample Preparation, Analysis, QC/QA

At MS Analytical, silt samples were dried and sieved to -80 mesh (<180 µm); MS code PRP-757. To produce representative sub-samples, the -80 mesh sediments were split with a micro-riffle splitter, producing a 20 g sub-sample for analysis.

The sub-sample was digested in aqua regia (HNO₃-HCl-H₂O). Analysis was by ICP-AES/MS methods (code IMS-117) for 39 elements.

The 2 rock samples were dried and crushed to 70% passing 2 mm. A 250 g sub-sample was split, then pulverized to 85% passing 75 µm (code PRP-910). A 30 g sub-sample was analysed by the same method as the silt samples (code IMS-117).

Because of the reconnaissance level of exploration, no field standards or blanks were added to the samples batches. Quality control samples from the lab include control blanks, duplicates and standards.

All analytical results, along with UTM locations for sieved silt and rock samples, are given in Appendix I, and certificates are presented in Appendix II.

8.3 Results

With only 13 sieved silt samples, a full statistical analysis is not possible. The geochemical values for gold, silver, copper, molybdenum, lead and zinc are shown on Table 2.

Table 2: Sieved Silts - Geochemical Highlights

Sample ID	Au ppb	Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
977L001	1	<0.05	25.2	0.47	4.0	53
977L002	<1	0.10	27.0	0.50	4.4	52
977L003	411	<0.05	23.5	0.51	3.9	50
977L004	1056	0.16	24.9	0.49	4.2	51
977L005	99	<0.05	26.9	0.51	4.2	50
977L006	37	0.06	31.2	0.62	5.9	53
977L007	3	<0.05	32.8	0.62	5.2	59
977L008	738	0.06	29.9	0.59	4.8	55
977L009	1127	0.07	38.2	0.74	6.7	68
977L010	1621	0.13	35.5	0.68	5.9	67
977L011	1	<0.05	23.9	0.40	3.5	48
977L012	1921	0.20	27.4	0.45	3.8	49
977L015	498	<0.05	23.0	0.40	3.7	47

Based on experience with other similar surveys, the geochemical survey yielded high gold values, including seven samples that yielded gold values of greater than 400 ppb gold. The main drainage had anomalous values of 498, 1921, 1621, 1127, 738 and 99 ppb Au along a creek length of approximately 1.5 km. The smaller creek to the east also contained anomalous gold, having values of 1056 and 411 ppb Au.

Silver, copper, molybdenum, lead and zinc values are not considered to be anomalous.

Two grab rock samples (977R013 and 977R014) were collected within the canyon area along the creek bottom. These rocks were dark green, porphyritic volcanic rocks with thin quartz veining. Copper values are 59 and 36 ppm Cu, with no anomalous gold values.

The sample ID, copper and gold values for both the sieved silts and the rock samples are shown on Figure 5.

9.0 DISCUSSION AND CONCLUSIONS

The high gold values obtained in the sieved silt samples are notable. However it is not known whether the source is primary (bedrock) or secondary (placer). Note that the stream sediments are derived from till, which mantles the Property, as well as from some surficial soils and colluvium. There is the possibility that the high gold values may be due to placer-type gold.

The silt geochemistry does not indicate the present of porphyry copper mineralization.

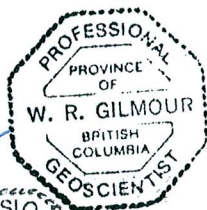
Although procedures were put in place to ensure reasonably representative sub-samples, the nugget effect is possible when a relatively small sub-sample (20 g) from a larger 2 to 5 kg sample is analysed. A sample having a low gold value that is near to another samples having highly anomalous gold may reflect the nugget effect, and not necessarily the lack of gold at that site.

In order to better understand whether or not the gold is placer-derived, it is recommended that the reject material from the laboratory be examined for placer gold. Heavy mineral concentrates can be produced at different mesh/magnetic fractions and examined under a microscope for gold grains. Any gold grains that are collected can then be analysed using a scanning electron microscope, to determine the nature of the gold grains.

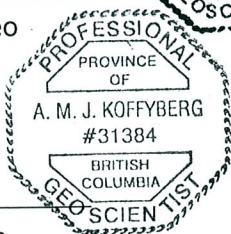
Respectfully submitted,



W.R. Gilmour, PGeo



A. Koffyberg, PGeo



Discovery Consultants

December 4, 2019

10.0 REFERENCES

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11.0 STATEMENT OF COSTS

1. Professional Services (Oct-Nov, 2019)

W.R. Gilmour, PGeo

Program logistics, report editing

9.00 hrs @ \$100 /hr \$900.00

A. Koffyberg, PGeo (Oct-Nov, 2019)

Report writing

19.50 hrs @ \$100 /hr 1,950.00

----- \$2,850.00

2. Personnel

Field

Soil Sampling (Sept 9-11, 2019)

D. Main 3 days @ \$600 /day 1,800.00

J. Liimu 3 days @ \$500 /day 1,500.00

----- 3,300.00

Office

Drafting 720.00

Data Compilation 390.00

Secretarial 465.00

----- 1,575.00

----- 4,875.00

3. Expenses

Analysis - MS Analytical

Prep - Rock (Prp-910) and disposal

2 samples @ \$10.04 /sample 20.08

Analysis - Rock (IMS-117)

2 samples @ \$22.88 /sample 45.76

Prep - Silt (Prp-757), microsplit, disposal

13 samples @ \$4.27 /sample 55.51

Analysis - Silt (IMS-117)

13 samples @ \$22.88 /sample 297.44

Surcharge for Soils > 500 g 48.40

Batch charge for less than 20 samples 60.00

Freight 73.86

----- 601.05

Office 9.80

Lodging & Meals 394.03

Field Supplies - Poly Ore bags, rice bags 15.00

Transportation - 4 x 4 truck

817 km @ \$0.75 /km 612.75

947 km @ \$0.75 /km 710.25

----- 1,323.00

----- 2,342.88

Total Expenditure: \$10,067.88

12.0 STATEMENTS OF QUALIFICATIONS

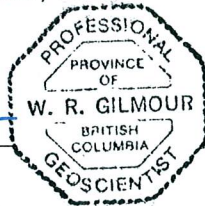
I, William Gilmour, of Coldstream, British Columbia, do hereby certify that:

- 1) I am a Geologist with Discovery Consultants, with a business address of 101-2913, 29th Ave, Vernon, BC, V1T 1Z2.
- 2) I graduated with a Bachelor of Science in Geology from the University of British Columbia in 1970.
- 3) I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (membership #19743).
- 4) I have been practicing my profession since graduation from university. I have over 45 years of experience in mineral exploration for a variety of base and precious metals. My working experience includes grassroots and reconnaissance exploration, project evaluation, geological mapping, planning and execution of drill programs, and project reporting.
- 5) I was involved in the planning of the geochemical program, interpretation of the results and assessment reporting on the Mouse South property.
- 6) I am independent of Tech-X Resources Inc.

Dated this 4th day of December, 2019



William Gilmour, PGeo
Discovery Consultants

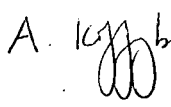
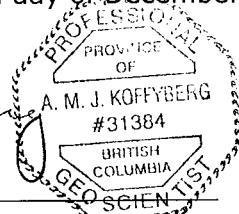


STATEMENT OF QUALIFICATIONS

I, Agnes Koffyberg, a geologist of Discovery Consultants of Vernon, British Columbia, do hereby certify that:

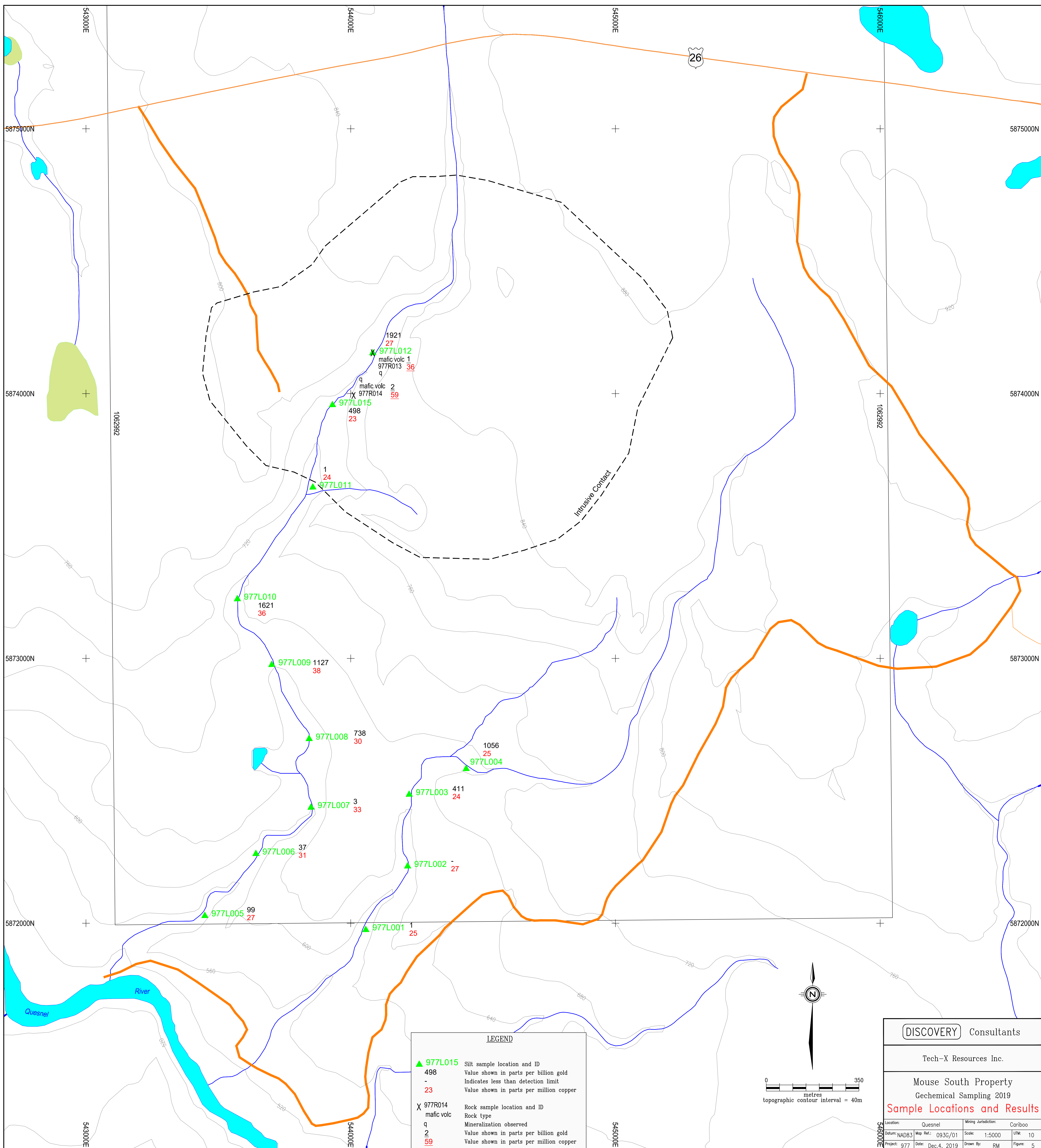
- 1) I am a Geologist with Discovery Consultants, with a business address of 101 - 2913 29th Ave, Vernon, BC, V1T 1Z2.
- 2) I am a graduate of Brock University of Ontario with a 1987 Bachelor of Science degree in combined Geological Sciences / Chemistry. In addition, I have obtained a M.Sc. degree in Geology at the University of Alberta in 1994.
- 3) I am a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (membership #30384).
- 4) I have been practicing my profession for over 20 years since graduation, with experience in mineral exploration in a variety of base and precious metals.
- 5) On the Mouse South Property, I was involved in field support and report writing on the assessment report
- 6) I am independent of Tech-X Resources Inc.

Dated this 4th day of December, 2019

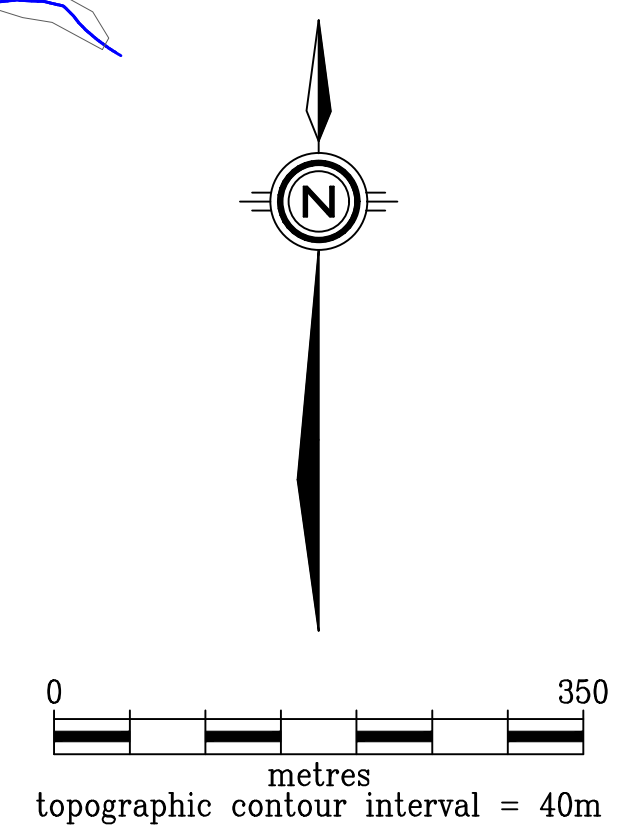
Agnes Koffyberg, PGeo

Discovery Consultants



LEGEND

▲ 977L015	Silt sample location and ID
498	Value shown in parts per billion gold
-	Indicates less than detection limit
23	Value shown in parts per million copper
X 977R014	Rock sample location and ID
mafic volc	Rock type
q	Mineralization observed
2	Value shown in parts per billion gold
59	Value shown in parts per million copper



DISCOVERY Consultants			
Tech-X Resources Inc.			
Mouse South Property Gechemical Sampling 2019 Sample Locations and Results			
Location:	Quesnel	Mining Jurisdiction:	Cariboo
Datum:	NAD83	Map Ref.:	093G/01
Scale:	1:5000	UTM:	10
Project:	977	Date:	Dec.4, 2019
Drawn By:	RM	Figure:	5

APPENDIX I

Silt and Rock Samples

Analytical Results

Silt Sample (2019) Results

Sample ID	Sample		UTM		Analytical Method-->		IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	
	Type	Lab Report	Easting	Northing	Rec. Wt.	Analyte-->	Au	Ag	Cu	Mo	Pb	Zn	As	Sb	Bi
					kg	Units-->	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
					0.01	LOR-->	0.001	0.05	0.2	0.05	0.2	2	0.2	0.05	0.05
977L001	Sieved Silt	YVR1910630	544057	5871976	4.34		1	<0.05	25.2	0.47	4.0	53	5.7	0.70	0.06
977L002	Sieved Silt	YVR1910630	544215	5872216	3.16		<1	0.10	27.0	0.50	4.4	52	7.2	0.75	0.06
977L003	Sieved Silt	YVR1910630	544221	5872487	3.71		411	<0.05	23.5	0.51	3.9	50	4.8	0.78	0.07
977L004	Sieved Silt	YVR1910630	544436	5872584	4.21		1056	0.16	24.9	0.49	4.2	51	4.8	0.77	0.07
977L005	Sieved Silt	YVR1910630	543449	5872029	4.62		99	<0.05	26.9	0.51	4.2	50	5.5	0.83	0.07
977L006	Sieved Silt	YVR1910630	543642	5872263	4.56		37	0.06	31.2	0.62	5.9	53	6.8	0.95	0.10
977L007	Sieved Silt	YVR1910630	543850	5872438	3.64		3	<0.05	32.8	0.62	5.2	59	5.9	0.86	0.09
977L008	Sieved Silt	YVR1910630	543843	5872697	3.53		738	0.06	29.9	0.59	4.8	55	5.7	0.85	0.08
977L009	Sieved Silt	YVR1910630	543702	5872977	2.56		1127	0.07	38.2	0.74	6.7	68	6.9	0.97	0.12
977L010	Sieved Silt	YVR1910630	543572	5873225	4.17		1621	0.13	35.5	0.68	5.9	67	6.5	0.95	0.10
977L011	Sieved Silt	YVR1910630	543857	5873647	4.74		1	<0.05	23.9	0.40	3.5	48	4.9	0.70	0.06
977L012	Sieved Silt	YVR1910630	544083	5874154	2.45		1921	0.20	27.4	0.45	3.8	49	5.0	0.71	0.06
977L015	Sieved Silt	YVR1910630	543931	5873958	3.84		498	<0.05	23.0	0.40	3.7	47	4.5	0.66	0.06
Laboratory QA/QC															
Pulp Duplicates															
977L007	Sieved Silt	YVR1910630					3	<0.05	32.8	0.62	5.2	59	5.9	0.86	0.09
DUP 977L007	Sieved Silt	YVR1910630					3	0.05	32.9	0.64	5.1	59	6.2	0.91	0.09
Standards															
STD OREAS 600		YVR1910630					194	23.34	500.8	1.89	167.1	634	88.0	14.47	6.60
Analytical Blanks															
STD BLANK		YVR1910630					<1	<0.05	<0.2	<0.05	<0.2	<2	<0.2	<0.05	<0.05

Sample ID	IMS-117 Ca %	IMS-117 Mg %	IMS-117 Cd ppm	IMS-117 Fe %	IMS-117 Co ppm	IMS-117 Cr ppm	IMS-117 Ni ppm	IMS-117 Al %	IMS-117 B ppm	IMS-117 Ba ppm	IMS-117 Ga ppm	IMS-117 Hg ppm	IMS-117 K %	IMS-117 La ppm	IMS-117 Mn ppm
	0.01	0.01	0.05	0.01	0.1	1	0.1	0.01	10	10	0.1	0.01	0.01	0.5	5
977L001	0.52	0.57	0.21	2.75	9.0	47	27.4	0.87	15	113	3.4	0.03	0.05	6.1	415
977L002	0.59	0.55	0.22	2.93	9.5	49	26.8	0.88	19	117	3.7	0.04	0.05	6.9	454
977L003	0.47	0.51	0.21	3.25	9.0	60	27.7	0.82	16	71	3.6	0.09	0.04	6.6	393
977L004	0.48	0.54	0.25	2.92	8.7	52	26.7	0.83	12	74	3.7	0.07	0.04	6.7	394
977L005	0.90	0.60	0.25	2.82	9.2	48	29.4	0.79	14	79	3.4	0.03	0.05	6.4	403
977L006	0.94	0.65	0.29	3.21	10.7	56	34.0	0.89	14	84	4.9	0.04	0.06	9.3	441
977L007	1.04	0.74	0.28	3.22	10.9	56	35.3	1.05	18	100	4.2	0.04	0.07	7.8	500
977L008	0.97	0.69	0.25	3.53	10.5	64	32.6	0.99	17	92	4.1	0.04	0.06	7.6	491
977L009	1.21	0.89	0.33	3.93	12.6	68	41.2	1.32	17	122	5.5	0.05	0.10	11.1	586
977L010	1.05	0.81	0.27	4.46	12.3	80	39.4	1.17	22	109	4.9	0.04	0.08	9.0	538
977L011	0.62	0.54	0.17	2.97	8.2	51	23.4	0.74	23	68	3.1	0.03	0.04	5.5	409
977L012	0.50	0.49	0.23	2.54	8.2	39	24.3	0.81	16	82	3.3	0.12	0.05	6.4	519
977L015	0.52	0.46	0.18	2.77	7.6	45	22.0	0.74	17	69	3.4	0.22	0.04	6.7	488
Laboratory QA/QC															
Pulp Duplicates															
977L007	1.04	0.74	0.28	3.22	10.9	56	35.3	1.05	18	100	4.2	0.04	0.07	7.8	500
DUP 977L007	1.03	0.73	0.28	3.20	11.1	54	35.8	1.02	17	98	4.1	0.04	0.07	7.8	499
Standards															
STD OREAS 600	1.76	0.35	3.72	2.18	6.7	24	16.6	1.06	12	133	4.0	0.28	0.21	19.5	692
Analytical Blanks															
STD BLANK	<0.01	<0.01	<0.05	<0.01	<0.1	<1	<0.1	<0.01	<10	<10	<0.1	<0.01	<0.01	<0.5	<5

Sample ID	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117
	Na %	P ppm	Re ppm	S %	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm
	0.01	10	0.005	0.01	0.1	0.2	0.5	0.05	0.2	0.005	0.05	0.05	1	0.05	0.5
977L001	0.02	613	<0.005	0.02	3.3	0.2	34.9	<0.05	1.5	0.081	<0.05	0.29	68	0.08	4.9
977L002	0.02	578	<0.005	0.02	3.7	0.3	34.8	<0.05	1.9	0.092	<0.05	0.34	75	<0.05	5.4
977L003	0.02	575	<0.005	<0.01	3.2	0.2	32.5	<0.05	1.9	0.102	<0.05	0.38	91	0.07	5.0
977L004	0.02	585	<0.005	<0.01	3.3	0.2	30.8	<0.05	1.6	0.083	0.05	0.34	78	<0.05	5.1
977L005	0.02	671	<0.005	<0.01	3.2	<0.2	46.5	<0.05	1.9	0.073	0.06	0.35	72	0.06	5.3
977L006	0.02	691	<0.005	0.01	4.7	0.2	52.8	<0.05	2.0	0.087	0.08	0.48	84	0.07	7.5
977L007	0.02	705	<0.005	<0.01	4.2	0.2	54.2	<0.05	2.1	0.085	0.08	0.39	79	<0.05	6.2
977L008	0.02	719	<0.005	<0.01	3.9	0.2	49.2	<0.05	2.1	0.095	0.07	0.40	93	<0.05	5.9
977L009	0.03	796	<0.005	0.01	5.6	0.3	62.2	<0.05	3.2	0.114	0.11	0.63	96	0.06	7.9
977L010	0.03	795	<0.005	0.02	4.6	0.3	55.8	<0.05	2.4	0.102	0.08	0.45	114	0.07	6.8
977L011	0.02	694	<0.005	<0.01	2.6	<0.2	31.9	<0.05	1.7	0.069	<0.05	0.29	80	0.06	4.5
977L012	0.02	645	<0.005	<0.01	3.0	0.3	33.0	<0.05	1.6	0.079	<0.05	0.29	66	0.08	5.1
977L015	0.02	655	<0.005	<0.01	3.0	0.3	29.9	<0.05	1.7	0.087	<0.05	0.31	77	0.09	5.1
Laboratory QA/QC															
Pulp Duplicates															
977L007	0.02	705	<0.005	<0.01	4.2	0.2	54.2	<0.05	2.1	0.085	0.08	0.39	79	<0.05	6.2
DUP 977L007	0.02	705	<0.005	<0.01	4.1	<0.2	54.6	<0.05	2.1	0.088	0.08	0.39	79	0.05	6.2
Standards															
STD OREAS 600	0.06	495	<0.005	1.78	2.0	6.9	38.2	7.22	5.2	<0.005	0.60	0.99	12	0.58	5.9
Analytical Blanks															
STD BLANK	<0.01	<10	<0.005	<0.01	<0.1	<0.2	<0.5	<0.05	<0.2	<0.005	<0.05	<0.05	<1	<0.05	<0.5

Rock Sample (2019) Results

Sample ID	Sample		Analytical Method-->				IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117	IMS-117
	Type	Lab Report	UTM Easting	UTM Northing	Rec. Wt. kg	Analyte--> Units-->	Au ppm	Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Bi ppm
			Zone 10	Zone 10	0.01	LOR-->	0.001	0.05	0.2	0.05	0.2	2	0.2	0.05	0.05
977R013	Rock	YVR1910630A	544083	5874154	0.37		0.001	0.05	36.3	0.51	5.1	50	0.8	0.28	<0.05
977R014	Rock	YVR1910630A	544011	5873993	0.84		0.002	<0.05	58.7	0.35	2.7	66	24.7	0.40	<0.05
Laboratory QA/QC															
Pulp Duplicates															
977R014	Rock	YVR1910630A			0.84		0.002	<0.05	58.7	0.35	2.7	66	24.7	0.40	<0.05
977R014PD	QC-PD	YVR1910630A			--		0.001	<0.05	56.7	0.33	2.6	63	22.9	0.36	<0.05
Standards															
STD OREAS 25a		YVR1910630A					0.001	<0.05	25.6	1.43	20.4	30	3.1	0.26	0.29
Analytical Blanks															
Granite Blank	QC-P-BK	YVR1910630A			--		<0.001	<0.05	6.2	1.40	7.1	50	1.1	0.06	<0.05
STD BLANK		YVR1910630A					<0.001	<0.05	<0.2	<0.05	<0.2	<2	<0.2	<0.05	<0.05

Sample ID	IMS-117 Ca %	IMS-117 Mg %	IMS-117 Cd ppm	IMS-117 Fe %	IMS-117 Co ppm	IMS-117 Cr ppm	IMS-117 Ni ppm	IMS-117 Al %	IMS-117 B ppm	IMS-117 Ba ppm	IMS-117 Ga ppm	IMS-117 Hg ppm	IMS-117 K %	IMS-117 La ppm	IMS-117 Mn ppm
	0.01	0.01	0.05	0.01	0.1	1	0.1	0.01	10	10	0.1	0.01	0.01	0.5	5
977R013	1.93	0.84	0.09	2.26	9.6	68	5.9	2.43	12	27	5.9	<0.01	0.06	0.8	383
977R014	3.90	2.06	<0.05	6.90	26.9	37	10.5	4.28	34	202	13.2	<0.01	0.62	8.1	930
Laboratory QA/QC															
Pulp Duplicates															
977R014	3.90	2.06	<0.05	6.90	26.9	37	10.5	4.28	34	202	13.2	<0.01	0.62	8.1	930
977R014PD	3.82	2.07	<0.05	6.95	26.2	30	10	4.19	34	223	13.1	<0.01	0.68	8.5	916
Standards															
STD OREAS 25a	0.15	0.21	<0.05	6.14	5.6	71	26.6	5.99	21	56	22.5	0.06	0.13	13.4	438
Analytical Blanks															
Granite Blank	0.67	0.59	0.09	1.96	4.5	133	3.8	1.11	11	77	4.6	<0.01	0.14	5.4	539
STD BLANK	<0.01	<0.01	<0.05	<0.01	<0.1	<1	<0.1	<0.01	<10	<10	<0.1	<0.01	<0.01	<0.5	<5

Sample ID	IMS-117 Na %	IMS-117 P ppm	IMS-117 Re ppm	IMS-117 S %	IMS-117 Sc ppm	IMS-117 Se ppm	IMS-117 Sr ppm	IMS-117 Te ppm	IMS-117 Th ppm	IMS-117 Ti %	IMS-117 Tl ppm	IMS-117 U ppm	IMS-117 V ppm	IMS-117 W ppm	IMS-117 Y ppm
	0.01	10	0.005	0.01	0.1	0.2	0.5	0.05	0.2	0.005	0.05	0.05	1	0.05	0.5
977R013	0.31	482	<0.005	<0.01	5.2	<0.2	42.9	<0.05	0.2	0.254	<0.05	0.08	62	<0.05	8.2
977R014	0.10	4023	<0.005	0.01	7.7	<0.2	127.0	<0.05	0.4	0.251	<0.05	0.19	308	0.29	17.8
Laboratory QA/QC															
Pulp Duplicates															
977R014	0.10	4023	<0.005	0.01	7.7	<0.2	127.0	<0.05	0.4	0.251	<0.05	0.19	308	0.29	17.8
977R014PD	0.10	4205	<0.005	0.02	7.6	<0.2	124.6	<0.05	0.4	0.236	<0.05	0.19	308	0.26	18.7
Standards															
STD OREAS 25a	0.04	398	<0.005	0.05	8.4	0.5	17.9	<0.05	10.7	0.044	0.20	1.49	116	<0.05	4.5
Analytical Blanks															
Granite Blank	0.13	427	<0.005	0.03	2.5	<0.2	26.3	<0.05	2.2	0.089	<0.05	0.44	24	<0.05	8.8
STD BLANK	<0.01	<10	<0.005	<0.01	<0.1	<0.2	<0.5	<0.05	<0.2	<0.005	<0.05	<0.05	<1	<0.05	<0.5

APPENDIX II

**Silt and Rock Samples
Certificates of Analysis**



MSALABS
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To: **Discovery Consultants**
Box 933
Vernon, BC, V1T 5A6
Canada

TEST REPORT:	YVR1910630
---------------------	-------------------

Project Name: 977
 Job Received Date: 19-Sep-2019
 Job Report Date: 24-Oct-2019
 Number of Samples: 13
 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-757	Dry, Screen to 80 mesh, discard plus fraction

ANALYTICAL METHODS	
METHOD CODE	DESCRIPTION
IMS-117	Multi-Element (39 elements), 20g, 1:1 Aqua Regia, ICP-AES/MS, Ultra Trace Level

Signature:

Yvette Hsi, BSc.
 Laboratory Manager
 MSALABS



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To: **Discovery Consultants**
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Canada

TEST REPORT:	YVR1910630
---------------------	-------------------

Project Name: 977
 Job Received Date: 19-Sep-2019
 Job Report Date: 24-Oct-2019
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-117 Ag ppm	IMS-117 Al %	IMS-117 As ppm	IMS-117 Au ppm	IMS-117 B ppm	IMS-117 Ba ppm	IMS-117 Bi ppm	IMS-117 Ca %	IMS-117 Cd ppm	IMS-117 Co ppm	IMS-117 Cr ppm
		0.01	LOR	0.05	0.01	0.2	0.001	10	10	0.05	0.01	0.05	0.1	1
977L001	Silt	4.34		<0.05	0.87	5.7	0.001	15	113	0.06	0.52	0.21	9.0	47
977L002	Silt	3.16		0.10	0.88	7.2	<0.001	19	117	0.06	0.59	0.22	9.5	49
977L003	Silt	3.71		<0.05	0.82	4.8	0.411	16	71	0.07	0.47	0.21	9.0	60
977L004	Silt	4.21		0.16	0.83	4.8	1.056	12	74	0.07	0.48	0.25	8.7	52
977L005	Silt	4.62		<0.05	0.79	5.5	0.099	14	79	0.07	0.90	0.25	9.2	48
977L006	Silt	4.56		0.06	0.89	6.8	0.037	14	84	0.10	0.94	0.29	10.7	56
977L007	Silt	3.64		<0.05	1.05	5.9	0.003	18	100	0.09	1.04	0.28	10.9	56
977L008	Silt	3.53		0.06	0.99	5.7	0.738	17	92	0.08	0.97	0.25	10.5	64
977L009	Silt	2.56		0.07	1.32	6.9	1.127	17	122	0.12	1.21	0.33	12.6	68
977L010	Silt	4.17		0.13	1.17	6.5	1.621	22	109	0.10	1.05	0.27	12.3	80
977L011	Silt	4.74		<0.05	0.74	4.9	0.001	23	68	0.06	0.62	0.17	8.2	51
977L012	Silt	2.45		0.20	0.81	5.0	1.921	16	82	0.06	0.50	0.23	8.2	39
977L015	Silt	3.84		<0.05	0.74	4.5	0.498	17	69	0.06	0.52	0.18	7.6	45
DUP 977L007				0.05	1.02	6.2	0.003	17	98	0.09	1.03	0.28	11.1	54
STD BLANK				<0.05	<0.01	<0.2	<0.001	<10	<10	<0.05	<0.01	<0.05	<0.1	<1
STD OREAS 600				23.34	1.06	88.0	0.194	12	133	6.60	1.76	3.72	6.7	24

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



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Canada

TEST REPORT:	YVR1910630
---------------------	-------------------

Project Name: 977
 Job Received Date: 19-Sep-2019
 Job Report Date: 24-Oct-2019
 Report Version: Final

	IMS-117 Cu ppm	IMS-117 Fe %	IMS-117 Ga ppm	IMS-117 Hg ppm	IMS-117 K %	IMS-117 La ppm	IMS-117 Mg %	IMS-117 Mn ppm	IMS-117 Mo ppm	IMS-117 Na %	IMS-117 Ni ppm	IMS-117 P ppm	IMS-117 Pb ppm	IMS-117 Re ppm
Sample ID	0.2	0.01	0.1	0.01	0.01	0.5	0.01	5	0.05	0.01	0.1	10	0.2	0.005
977L001	25.2	2.75	3.4	0.03	0.05	6.1	0.57	415	0.47	0.02	27.4	613	4.0	<0.005
977L002	27.0	2.93	3.7	0.04	0.05	6.9	0.55	454	0.50	0.02	26.8	578	4.4	<0.005
977L003	23.5	3.25	3.6	0.09	0.04	6.6	0.51	393	0.51	0.02	27.7	575	3.9	<0.005
977L004	24.9	2.92	3.7	0.07	0.04	6.7	0.54	394	0.49	0.02	26.7	585	4.2	<0.005
977L005	26.9	2.82	3.4	0.03	0.05	6.4	0.60	403	0.51	0.02	29.4	671	4.2	<0.005
977L006	31.2	3.21	4.9	0.04	0.06	9.3	0.65	441	0.62	0.02	34.0	691	5.9	<0.005
977L007	32.8	3.22	4.2	0.04	0.07	7.8	0.74	500	0.62	0.02	35.3	705	5.2	<0.005
977L008	29.9	3.53	4.1	0.04	0.06	7.6	0.69	491	0.59	0.02	32.6	719	4.8	<0.005
977L009	38.2	3.93	5.5	0.05	0.10	11.1	0.89	586	0.74	0.03	41.2	796	6.7	<0.005
977L010	35.5	4.46	4.9	0.04	0.08	9.0	0.81	538	0.68	0.03	39.4	795	5.9	<0.005
977L011	23.9	2.97	3.1	0.03	0.04	5.5	0.54	409	0.40	0.02	23.4	694	3.5	<0.005
977L012	27.4	2.54	3.3	0.12	0.05	6.4	0.49	519	0.45	0.02	24.3	645	3.8	<0.005
977L015	23.0	2.77	3.4	0.22	0.04	6.7	0.46	488	0.40	0.02	22.0	655	3.7	<0.005
DUP 977L007	32.9	3.20	4.1	0.04	0.07	7.8	0.73	499	0.64	0.02	35.8	705	5.1	<0.005
STD BLANK	<0.2	<0.01	<0.1	<0.01	<0.01	<0.5	<0.01	<5	<0.05	<0.01	<0.1	<10	<0.2	<0.005
STD OREAS 600	500.8	2.18	4.0	0.28	0.21	19.5	0.35	692	1.89	0.06	16.6	495	167.1	<0.005

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



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TEST REPORT:	YVR1910630
---------------------	-------------------

Project Name: 977
 Job Received Date: 19-Sep-2019
 Job Report Date: 24-Oct-2019
 Report Version: Final

Sample ID	IMS-117 S %	IMS-117 Sb ppm	IMS-117 Sc ppm	IMS-117 Se ppm	IMS-117 Sr ppm	IMS-117 Te ppm	IMS-117 Th ppm	IMS-117 Ti %	IMS-117 Tl ppm	IMS-117 U ppm	IMS-117 V ppm	IMS-117 W ppm	IMS-117 Y ppm	IMS-117 Zn ppm
977L001	0.02	0.70	3.3	0.2	34.9	<0.05	1.5	0.081	<0.05	0.29	68	0.08	4.9	53
977L002	0.02	0.75	3.7	0.3	34.8	<0.05	1.9	0.092	<0.05	0.34	75	<0.05	5.4	52
977L003	<0.01	0.78	3.2	0.2	32.5	<0.05	1.9	0.102	<0.05	0.38	91	0.07	5.0	50
977L004	<0.01	0.77	3.3	0.2	30.8	<0.05	1.6	0.083	0.05	0.34	78	<0.05	5.1	51
977L005	<0.01	0.83	3.2	<0.2	46.5	<0.05	1.9	0.073	0.06	0.35	72	0.06	5.3	50
977L006	0.01	0.95	4.7	0.2	52.8	<0.05	2.0	0.087	0.08	0.48	84	0.07	7.5	53
977L007	<0.01	0.86	4.2	0.2	54.2	<0.05	2.1	0.085	0.08	0.39	79	<0.05	6.2	59
977L008	<0.01	0.85	3.9	0.2	49.2	<0.05	2.1	0.095	0.07	0.40	93	<0.05	5.9	55
977L009	0.01	0.97	5.6	0.3	62.2	<0.05	3.2	0.114	0.11	0.63	96	0.06	7.9	68
977L010	0.02	0.95	4.6	0.3	55.8	<0.05	2.4	0.102	0.08	0.45	114	0.07	6.8	67
977L011	<0.01	0.70	2.6	<0.2	31.9	<0.05	1.7	0.069	<0.05	0.29	80	0.06	4.5	48
977L012	<0.01	0.71	3.0	0.3	33.0	<0.05	1.6	0.079	<0.05	0.29	66	0.08	5.1	49
977L015	<0.01	0.66	3.0	0.3	29.9	<0.05	1.7	0.087	<0.05	0.31	77	0.09	5.1	47
DUP 977L007	<0.01	0.91	4.1	<0.2	54.6	<0.05	2.1	0.088	0.08	0.39	79	0.05	6.2	59
STD BLANK	<0.01	<0.05	<0.1	<0.2	<0.5	<0.05	<0.2	<0.005	<0.05	<0.05	<1	<0.05	<0.5	<2
STD OREAS 600	1.78	14.47	2.0	6.9	38.2	7.22	5.2	<0.005	0.60	0.99	12	0.58	5.9	634

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



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TEST REPORT:	YVR1910630A
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Project Name: 977
 Job Received Date: 19-Sep-2019
 Job Report Date: 24-Oct-2019
 Number of Samples: 2
 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
IMS-117	Multi-Element (39 elements), 20g, 1:1 Aqua Regia, ICP-AES/MS, Ultra Trace Level

Signature:

Yvette Hsi, BSc.
 Laboratory Manager
 MSALABS



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TEST REPORT:	YVR1910630A
---------------------	--------------------

Project Name: 977
 Job Received Date: 19-Sep-2019
 Job Report Date: 24-Oct-2019
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	IMS-117 Ag ppm	IMS-117 Al %	IMS-117 As ppm	IMS-117 Au ppm	IMS-117 B ppm	IMS-117 Ba ppm	IMS-117 Bi ppm	IMS-117 Ca %	IMS-117 Cd ppm	IMS-117 Co ppm	IMS-117 Cr ppm
Granite Blank	QC-P-BK	--	LOR	<0.05	1.11	1.1	<0.001	11	77	<0.05	0.67	0.09	4.5	133
977R013	Rock	0.37		0.05	2.43	0.8	0.001	12	27	<0.05	1.93	0.09	9.6	68
977R014	Rock	0.84		<0.05	4.28	24.7	0.002	34	202	<0.05	3.90	<0.05	26.9	37
977R014PD	QC-PD	--		<0.05	4.19	22.9	0.001	34	223	<0.05	3.82	<0.05	26.2	30
STD BLANK				<0.05	<0.01	<0.2	<0.001	<10	<10	<0.05	<0.01	<0.05	<0.1	<1
STD OREAS 25a				<0.05	5.99	3.1	0.001	21	56	0.29	0.15	<0.05	5.6	71

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



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TEST REPORT:	YVR1910630A
---------------------	--------------------

Project Name: 977
 Job Received Date: 19-Sep-2019
 Job Report Date: 24-Oct-2019
 Report Version: Final

	IMS-117 Cu ppm	IMS-117 Fe %	IMS-117 Ga ppm	IMS-117 Hg ppm	IMS-117 K %	IMS-117 La ppm	IMS-117 Mg %	IMS-117 Mn ppm	IMS-117 Mo ppm	IMS-117 Na %	IMS-117 Ni ppm	IMS-117 P ppm	IMS-117 Pb ppm	IMS-117 Re ppm
Sample ID	0.2	0.01	0.1	0.01	0.01	0.5	0.01	5	0.05	0.01	0.1	10	0.2	0.005
Granite Blank	6.2	1.96	4.6	<0.01	0.14	5.4	0.59	539	1.40	0.13	3.8	427	7.1	<0.005
977R013	36.3	2.26	5.9	<0.01	0.06	0.8	0.84	383	0.51	0.31	5.9	482	5.1	<0.005
977R014	58.7	6.90	13.2	<0.01	0.62	8.1	2.06	930	0.35	0.10	10.5	4023	2.7	<0.005
977R014PD	56.7	6.95	13.1	<0.01	0.68	8.5	2.07	916	0.33	0.10	10.0	4205	2.6	<0.005
STD BLANK	<0.2	<0.01	<0.1	<0.01	<0.01	<0.5	<0.01	<5	<0.05	<0.01	<0.1	<10	<0.2	<0.005
STD OREAS 25a	25.6	6.14	22.5	0.06	0.13	13.4	0.21	438	1.43	0.04	26.6	398	20.4	<0.005

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



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TEST REPORT:	YVR1910630A
---------------------	--------------------

Project Name: 977
 Job Received Date: 19-Sep-2019
 Job Report Date: 24-Oct-2019
 Report Version: Final

	IMS-117 S %	IMS-117 Sb ppm	IMS-117 Sc ppm	IMS-117 Se ppm	IMS-117 Sr ppm	IMS-117 Te ppm	IMS-117 Th ppm	IMS-117 Ti %	IMS-117 Tl ppm	IMS-117 U ppm	IMS-117 V ppm	IMS-117 W ppm	IMS-117 Y ppm	IMS-117 Zn ppm
Sample ID	0.01	0.05	0.1	0.2	0.5	0.05	0.2	0.005	0.05	0.05	1	0.05	0.5	2
Granite Blank	0.03	0.06	2.5	<0.2	26.3	<0.05	2.2	0.089	<0.05	0.44	24	<0.05	8.8	50
977R013	<0.01	0.28	5.2	<0.2	42.9	<0.05	0.2	0.254	<0.05	0.08	62	<0.05	8.2	50
977R014	0.01	0.40	7.7	<0.2	127.0	<0.05	0.4	0.251	<0.05	0.19	308	0.29	17.8	66
977R014PD	0.02	0.36	7.6	<0.2	124.6	<0.05	0.4	0.236	<0.05	0.19	308	0.26	18.7	63
STD BLANK	<0.01	<0.05	<0.1	<0.2	<0.5	<0.05	<0.2	<0.005	<0.05	<0.05	<1	<0.05	<0.5	<2
STD OREAS 25a	0.05	0.26	8.4	0.5	17.9	<0.05	10.7	0.044	0.20	1.49	116	<0.05	4.5	30

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