

Ministry of Energy and Mines
BC Geological Survey

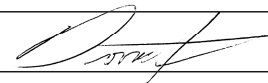
Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Soils, Stream Sediments, Rock

TOTAL COST: 79,808

AUTHOR(S): Derrick Strickland

SIGNATURE(S):



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____ YEAR OF WORK: 2021

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

PROPERTY NAME: Sognidoro Property

CLAIM NAME(S) (on which the work was done): 1079825,1079826,1079827,1082803

COMMODITIES SOUGHT: Gold, Copper,

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092C 160, 092C 186, 092C 129, 092C 185,092C 144

MINING DIVISION: Nanaimo Division

NTS/BCGS: 92C16

LATITUDE: 48 ° 58 ' 48 " LONGITUDE: 124 ° 7 ' 12 " (at centre of work)

OWNER(S):

1) Crest Resources Inc

2) _____

MAILING ADDRESS:

3043-595 Burrard

Vancouver, BC

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

1) _____

2) _____

MAILING ADDRESS:

3043-595 Burrard

Vancouver, BC

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

Wark Gneiss, Wrangellia Terrane, Karmutsen Formation, Sicker Group, Myra Formation,

Buttle Lake Formation, Vancouver Group, Quatsino Formation, Bonanza Group, Haman Group, Buttle Lake Arch,

west-northwest trending faulting,

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 00641,1949,10102,1347,11401,12606,13333,

13568,14792,15082,15578,15883,16452,16802,17447,18010,18731,19618,23363,29321,32131,32279,32850,32885

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 459		1079825,1082803	48000
Silt 37		1079825,1082803, 1079826, 1079827	23000
Rock 25		1079827, 1079825,1082803	8808
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:	79,808

Assessment Report

**on the
Sognidoro Property**

British Columbia

**48.93° North Latitude
124.12° West Latitude
NTS 92C16**

**Nanaimo Division
Claims
1079825, 1079826, 1079827, 1082803**

For

Crest Resources Corp

October 15,2021

**By
Derrick Strickland P. Geo**

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1 SUMMARY

Crest Resources Corp undertook an exploration programme with a crew of four from May 27 to June 16, 2021. The 2021 exploration programme consisted of total of 14,000 meters of GPS surveyed grid located on two grids, the collection of 459 soil samples on the two grids, the collection of 37 regional silt samples, and the collection of 25 rock samples. The total cost the 2021 exploration program was \$79,808

The Sognidoro Property can be accessed either from Highway 1 west along Copper canyon Main, or north from Highway 18 along the Duncan Access Road, and then west along Copper Canyon Main which becomes the Chemainus River Road following the north side of the Chemainus River. The eastern portion of the Sognidoro Property is accessed from the Chemainus River Road north along Rheinhardt Road; the western portion of the Property is accessed north along logging roads.

The Property is in the Wrangellia Terrane. This terrane is a complex and variable terrane that extends from Vancouver Island to central Alaska. Wrangellia is most commonly characterized by widespread exposures of Triassic flood basalts and intrusive rocks (Jones et al., 1977). Triassic flood basalts extend in a discontinuous belt from Vancouver and Queen Charlotte Islands (Karmutsen Formation. Exposures of the Karmutsen appear to represent a single flood basalt event (Richards et al., 1989).

The 2021 exploration program resulted in the discovery of several areas of anomalous gold and copper which require follow – up work. In order to continue to evaluate the potential of the Sognidoro Property a property-wide programme of geological mapping, drone airborne geophysics, hand trenching in the areas of interest and general data compilation should be performed. The estimated cost of the programme is \$127,325.

1.1 Units and Measurements

Table 1: Definitions, Abbreviations, and Conversions

Units of Measure	Abbreviation	Units of Measure	Abbreviation
Above mean sea level	amsl	Milligrams per litre	mg/L
Billion years ago,	Ga	Millilitre	mL
Centimetre	cm	Millimetre	mm
Cubic centimetre	cm ³	Million tonnes	Mt
Cubic metre	m ³	Minute (plane angle)	'
Days per week	d/wk	Month	mo
Days per year (annum)	d/a	Ounce	oz.
Degree	°	Parts per billion	ppb
Degrees Celsius	°C	Parts per million	ppm
Degrees Fahrenheit	°F	Percent	%
Diameter	ø	Pound(s)	lb.
Gram	g	Power factor	pF
Grams per litre	g/L	Specific gravity	SG
Grams per tonne	g/t	Square centimetre	cm ²
Greater than	>	Square inch	in ²
Hectare (10,000 m ²)	ha	Square kilometre	km ²
Kilo (thousand)	k	Square metre	m ²
Kilogram	kg	Thousand tonnes	kt
Kilograms per cubic metre	kg/m ³	Tonne (1,000kg)	t
Kilograms per hour	kg/h	Tonnes per day	t/d
Kilometre	km	Tonnes per hour	t/h
Less than	<	Tonnes per year	t/a
Litre	L	Total dissolved solids	TDS
Litres per minute	L/m	Week	wk
Metre	m	Weight/weight	w/w
Metres above sea level	masl	Wet metric tonne	wmt
Micrometre (micron)	µm	Yard	yd.
Milligram	mg	Year (annum)	a

2 PROPERTY DESCRIPTION AND LOCATION

The Sognidoro Property consists of four non-surveyed mineral claims covering 5,623.64 hectares located on NTS map 92C16, centered at 48.93° North Latitude, 124.12° West Longitude on northern Vancouver Island, within the Nanaimo Division of British Columbia (See Figure 1 Figure 2, and Table 2).

Table 2: Claims

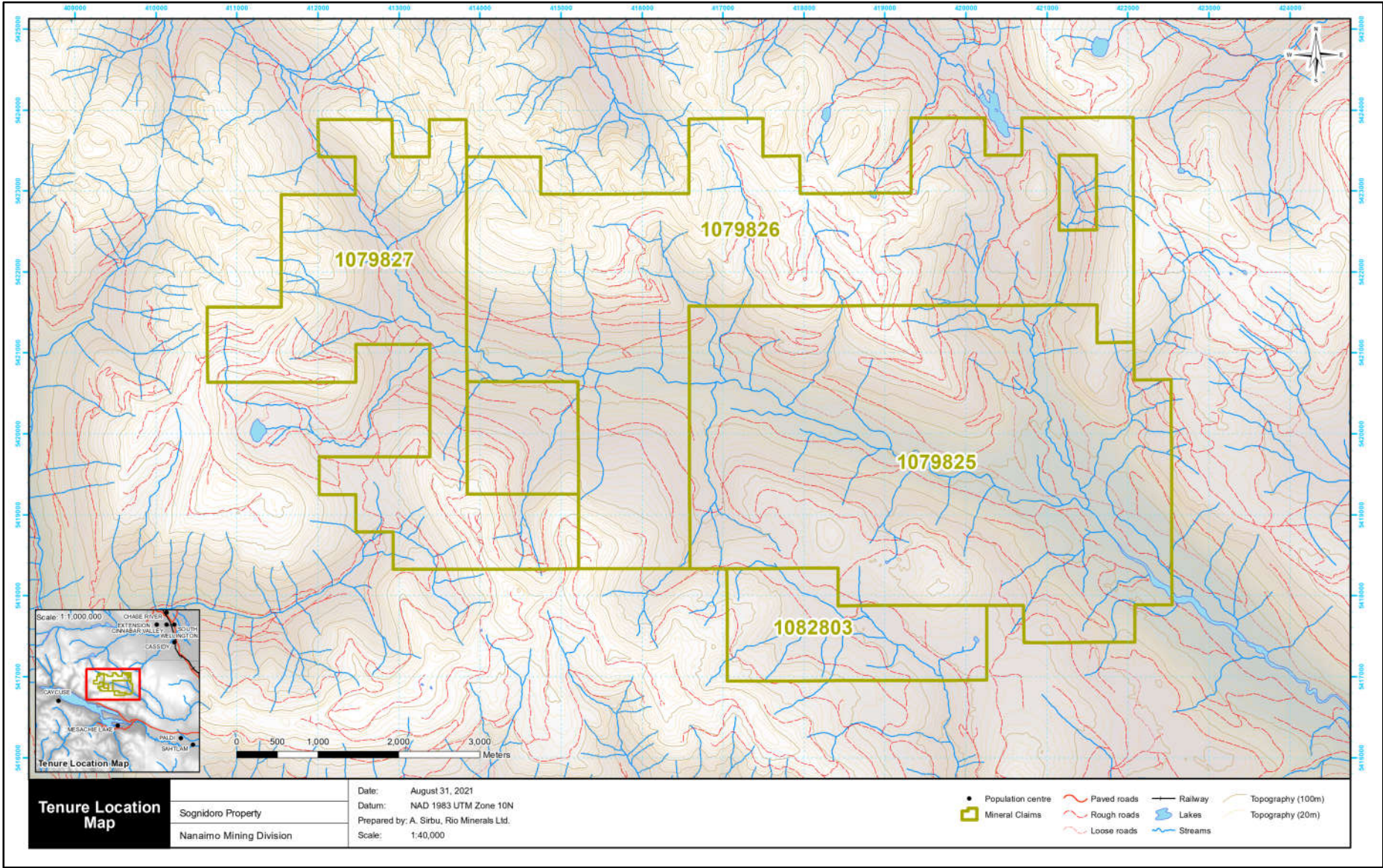
Number	Name	Issue Date	Good to Date	Area ha
1079825	WHYMPER 1	30/11/2020	10/05/2024	2122.40
1079826	WHYMPER 2	01/12/2020	10/05/2024	2079.25
1079827	WHYMPER 3	02/12/2020	10/05/2024	1061.04
1082803	WHYMPER 4	31/05/2021	10/05/2024	360.96

The mineral claim 1079826 has an internal claim that is not owned by of Crest Resources Corp. The current owner of this claim is Yuriy Shevchuk. Between mineral claim 1079826 and 1079827 is an internal claim that is not owned by of Crest Resources Corp. The current owner of this claim is Steven Scott.

Figure 1: Regional Location Map



Figure 2: Property Claim Map



3 ACCESSIBILITY, CLIMATE, PHYSIOGRAPHY, LOCAL RESOURCES, AND INFRASTRUCTURE

The Sognidoro Property can be accessed either from Highway 1 west along Copper Canyon Main, or north from Highway 18 along the Duncan Access Road, and then west along Copper Canyon Main which becomes the Chemainus River Road following the north side of the Chemainus River. The eastern portion of the Sognidoro Property is accessed from the Chemainus River Road north along Rheinhart Road; the western portion of the Property is accessed north along logging roads.

The area lies in the Pacific Maritime ecozone, with warm, dry summers and mild, wet winters. At Chemainus, mean temperatures are 4.7°C in January and 19°C in July. The 30-year normal annual precipitation at North Cowichan is 1169 millimetres. Snow accumulations restrict access to the high portions of the property in the winter and spring. The woods are typically closed to mechanical work some time in August due to fire hazard.

Summer weather can also vary widely but typically is characterized by periods of clear weather up to 3 weeks long interspersed with rainfall events. The operational season, without snow removal, typically ranges from late April through to the end of November.

The main local resources are the result of logging infrastructure in the form of active, well maintained logging roads.

Vegetation consists of mature fir up to 50 centimetres in diameter at breast height, except where recently logged. Underbrush is generally sparse but can be thick along drainages. Labour, contractors, and supplies are readily available in Chemainus, located 20 kilometres to the east.

The topography is moderately rugged rising from 460 masl. on the Chemainus River floodplain to greater than 1,000 masl. The immediate area has been the site of reforestation and consequently abounds with second growth conifers and logging roads.

Duncan BC has many industrial services available to serve logging, mining, and fishing operations. Duncan is located approximately 30 kilometres to the southeast of the Sognidoro Property. The town and area have a long mining history and as such, most services are readily available.

The Property size is sufficient to accommodate future mining operations, potential tailings storage areas, and potential waste disposal areas.

4 HISTORY

The Property has no known history for mining and has remained relatively undeveloped possibly as a result of its isolated location and moderate to high elevation. Logging activity has occurred on the north end of the property, but the southern parts are in a moderate elevation valley that is enclosed by subalpine to alpine barriers that the logging road system is only just accessing now.

Cominco Ltd 1983

Collected 10 silts, 13 rock samples, and performed geological mapping. Three silts returned over 100 ppm copper, and three rock samples returned 932 ppm Cu, 670 ppm copper, and 1150 ppm copper respectively.

Noranda Exploration Company Limited 1983-1984

In 1983 Noranda collected a total of 6 silt, 22 soil, 7 heavy mineral concentrate, and 3 rock samples along the South Road.

Soil samples were collected at 100m intervals along the width of the claim. Relatively poor in quality, the soils were generally 'A/C' horizon samples with minor 'B' zones sporadically collected. As illustrated in Figure 2, the soil geochemical anomalies are restricted to low, sporadically occurring copper highs peaking at 140ppm. Gold anomalies were not found in the Noranda soil samples.

The silt and pan samples collected from Ridgeway Creek were anomalous in gold and copper. Visible gold was obtained in a pan sample and two silt samples contained values of 10,000 ppb gold. Copper anomalies attained values of 240ppm.

In 1984 Noranda undertook a detailed geological mapping was carried out on a 1:2,000 scale over portions of the current claim group. Noranda collected 233 soil samples, 87 rock samples, 26 stream sediment samples, and 5 heavy mineral concentrate samples for a total of 351 samples.

A float sample, also collected from Ridgeway Creek, contained 1.24% Zn and 23.7 g/t Ag. A rock sample (R-68126) from a small vertical shear on Road M-8 returned 3.05 g/t Au.

In addition, four soil samples taken along Road M-4 were slightly anomalous in Ag (1.0 - 1.4 ppm).

Imperial Metals Corporation 1984-1985

Imperial Metals collected 69 contour soils in 1984. Results of the soil sampling indicate anomalous values of gold and arsenic on the mountainside to the northeast of the Chemainus River, as well as to the west at the head of the river. The anomalous values for gold are around 25 to 35 ppb, but three high values (70, 85 and 260 ppb) occur, though not together. Anomalous arsenic is more widely spread than the gold, with more arsenic anomalies to the north whereas there are more gold anomalies to the south. Past mining activity to the northwest could be a contaminant to some of these samples.

Copper anomalies are very strongly distributed on the hillside east of the Chemainus River in both the northern and southern sampling areas, whereas zinc anomalies only occur in the southern area.

Imperial Metals undertook 8.75-line km of ground magnetics, and the collection of 208 soil samples in 1984.

Generally, 25 ppb has been used as the cut-off for anomalous gold values in soils, in which case only one sample is anomalous. However, the histogram of 5 ppb suggests there may be a weak second "peak" developed about 10 to 20 ppb where the histogram bars appear to break from a smooth bell curve. If 15 ppb is taken as the anomalous threshold, then there are seven anomalous samples.

Arsenic shows three anomalous samples, both associated with raised gold values, of which two are near one another which may indicate a similar source and should be checked in the field.

Soil sample results from the area indicate that this apparent separation of base and precious metals values is not valid at a more detailed scale. High gold values occur in isolation, with only a weak grouping in the north-central part of the grid. Arsenic anomalies are not significantly associated with the gold. Copper anomalous values are widely spread.

International Cherokee Development Ltd. 1987

International Cherokee in 1987 prospected most of the logging roads that were in place on the property at that time. Geological mapping at a scale of 1:10,000 covered a small portion of the current claim area. Mapping at a scale of 1:2,500 was performed in areas with interesting mineralization. 125 rock samples, 162 soil samples, and 24 silt samples were collected during this program.

The trenches total approximately 35m in length and a total of 38 chip and grab samples were collected.

A grid with 4.3 km of line was established over the main showings. Stations were flagged at 25m intervals on lines 100m apart.

353m of diamond drilling was completed on the property between December 8, 1986 and January 12, 1987. A total of 285 core samples were sent for analysis. The 1986 program collected a total of 448 rock samples were analysed. All samples (rock, silt, and soil) were

analysed for Au using an atomic absorption technique and for 30 elements using an induction couple plasma spectrometer (ICP). 58 of the rock samples were fire assayed for Au, and 30 were analysed for Pt, Pd and Rh.

In 1987 the property was prospected and mapped at scales of 1:10,000 and 1:2,500, and small soil geochemistry, magnetic and VLF-EM surveys were conducted. Three showings were subsequently trenched and 353m of diamond drilling completed.

Gold mineralization discovered on the property to date occurs in east - west trending quartz veins hosted in siliceous siltstones along the flanks of a flat lying gabbroic dyke. These veins are composed of vuggy blue-gray quartz with up to 5% pyrite, 1-2% chalcopyrite, and traces of arsenopyrite. Au values from surface samples ranged up to 60.0 g/t across a width of 7cm. Quartz veins intersected in the drilling were up to 1 m wide. Veins with the best values, however, were more typically 5-15cm in width. Au values from drill core ranged up to 5.17 g/t across a true vein width of 8cm.

The Mike showings on the property are five roughly east-west trending quartz veins. They are probably located on the hinge of a fold and lie a few hundred meters west of the gabbro intrusive. The vein is predominantly bluish-gray vuggy quartz ranging in width from 5 to 20cm within a shear zone up to 2m wide (98/83 SW). Vein material contains up to 5% pyrite, 1 to 2% chalcopyrite, and traces of arsenopyrite. Sampling of a trench on this structure yielded an average of 18.617 g/t Au over 0.1m along 14m of strike length. The highest-grade sample assayed 60.0 g/t Au across 0.07m, or 3.12 g/t Au over 1.5m. Host siltstones and sandstones contained elevated gold values ranging up to 290 ppb across 1 metre.

Vancouver Venture Corporation 1987

Vancouver Venture Corporation undertook a soil sampling program of 107 samples, prospecting, mapping, and silt sampling. The soil samples returned copper values of 800 ppm, as well as minor gold values. Five rock samples were also collected with the best sample returning 0.46% Cu.

Canamin Resources Ltd. 1987

In 1987, Canamin Resources Ltd. collected a total of 21 silt samples. Four silt samples were collected from the creek draining the 'upper jasper horizon' and three from the one to the south which is marked as a possible fault. The highest silt geochemical results from the creek draining the upper jasper horizon are 30 ppb Au, (sample 400E) 1.2 ppm Ag, 199 ppm Cu, 76 ppm Pb, 275 ppm Zn, and 3509 ppm Mn, from four samples. Three samples collected from the next major creek to the south contained concentrations of up to 120 ppb Au, 0.8 ppm Ag, 126 ppm Cu, 55 ppm Pb, and 146 ppm Zn. From these results, it is apparent that the higher Au, Ag, Cu, Pb, and Zn concentrations occur in the proximity of the jasper horizon(s).

Silt samples collected from a major creek near the western extent of the property returned up to 50 ppb Au and 1.3 ppm Ag. Creeks draining the jasper horizons returned up to 120 ppb Au, 1.2 ppm Ag, 199 ppm Cu, 76 ppm Pb, and 275 ppm Zn. Concentrations of these elements increase toward the jasper horizon.

A quartz-carbonate zone within diabase containing galena that was sampled on the western extent of the property returned 4590 ppm Pb. A large altered intrusive body contained 538 ppm Cu from a grab sample of hematite and Fe-oxide-stained rock.

Triple P Prospecting 1989

In 1989 Triple P Prospecting collected 34 stream sediment and 28 rock samples. The samples were only analyzed for gold and no significant values were encountered.

Wellington-Young Resources Ltd. 1990

In 1989 Wellington-Young Resources Ltd. undertook a program of soil sampling (352 samples) and limited geological mapping. Soil sampling yielded copper values up to 238 ppm copper, and up to 162 ppm zinc.

Connie McCombs 2011

Prospecting, outcrop and float rock sampling, rock geochemistry, data compilation and report writing were completed periodically between September 18, 2010 and May 31, 2011.

Most of the ten (10) samples taken consisted of sulphide-bearing rocks which yielded elevated values of some target (gold, copper) and/or indicator elements for volcanogenic massive sulphide deposits or polymetallic vein deposits, including:

- 2 of 10 samples exceeding 1 ppm gold, up to 2.34 ppm gold
- 4 of 10 samples exceeding 2000 ppm copper, up to 1.845% copper
- One or more samples with elevated values in arsenic, gallium, nickel and/or phosphorus.

Rock-Con Exploration 2010-12

In 2011 a total of 659 soil samples and 10 rock samples were collected by Rock-Con Exploration.

Grid soil sampling in the northern portion of the sampled area identified a linear zone in which soil geochemical concentrations are anomalous for molybdenum and zinc. The anomalous zone trends northeast-southwest for over 1,000 m, across the Reinhart Creek valley, in the northern portion of the sampled area. A zone of anomalous gold and copper in soil concentrations extends north-south across the entire extent of the northern grid portion.

The zone of anomalous zinc soil concentrations on the slopes of Reinhart Creek is remarkable. The linear shape of the anomalous zone, the magnitude of the peak concentrations, and the proximity to known sulphide showings suggest the presence of a bedrock sulphide source exceeding 1,000 m in strike length. While specimens of 11 veined and brecciated rock samples collected from within the area of anomalous soil concentrations contained impressive concentrations of copper sulphides, the source of the anomalous zinc in soil geochemistry remains to be discovered.

A zone of anomalous soil concentrations for gold and copper lies in a different location, suggesting that two styles or phases of mineralization may be present. An elongate zone of anomalous soil geochemical concentration in the southern grid area suggests a nearby bedrock source.

5 GEOLOGICAL SETTING AND MINERALIZATION

5.1 Regional Geology

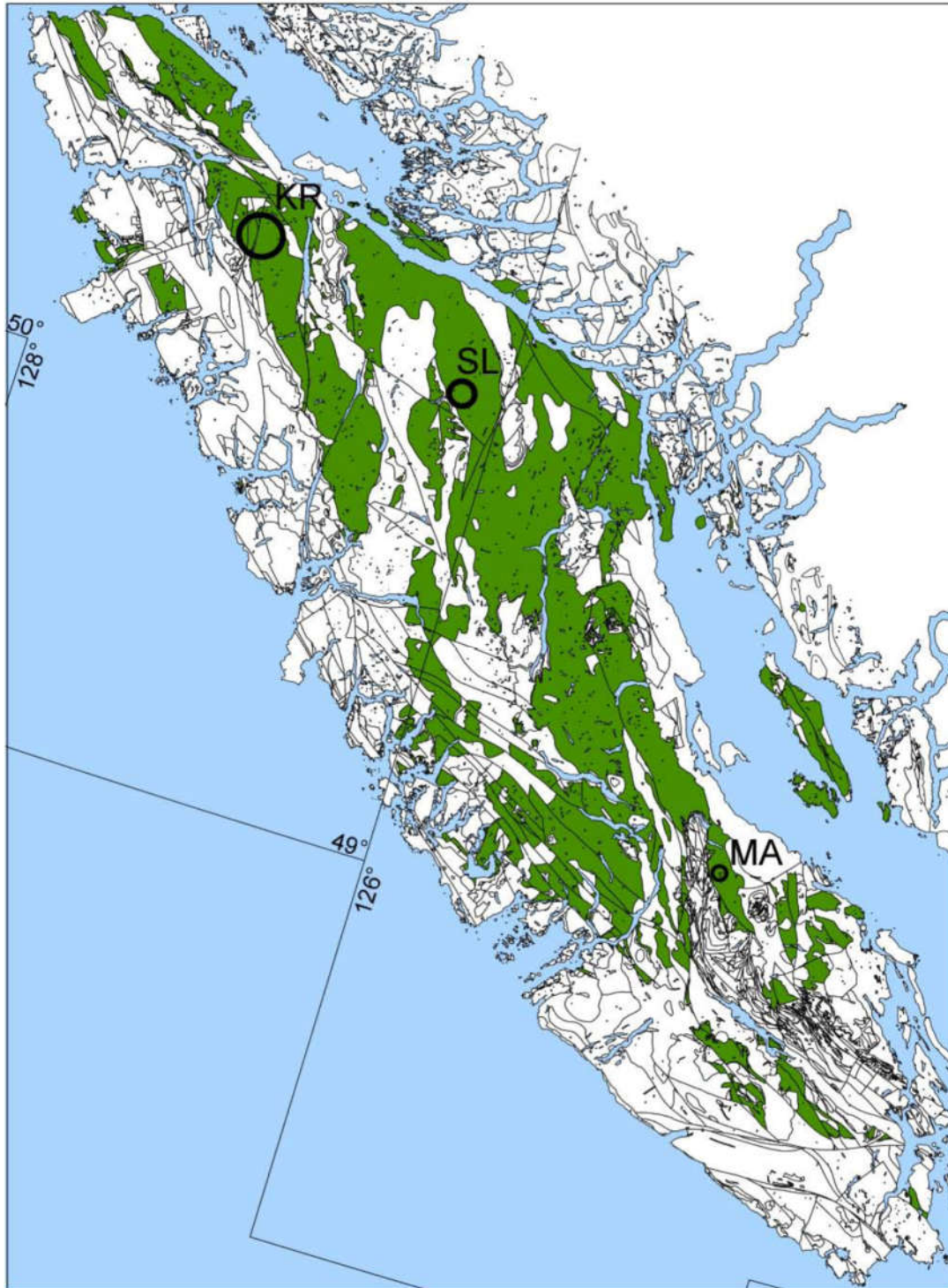
The Wrangellia Terrane is a complex and variable terrane that extends from Vancouver Island to central Alaska. Wrangellia is most commonly characterized by widespread exposures of Triassic flood basalts and intrusive rocks (Jones et al., 1977). Triassic flood basalts extend in a discontinuous belt from Vancouver and Queen Charlotte Islands (Karmutsen Formation), through southeast Alaska and the Kluane Ranges in southwest Yukon, and into the Wrangell Mountains and Alaska Range in east and central Alaska (Nikolai Formation). This belt of flood basalt sequences has distinct similarities and is recognized as representing a once-contiguous terrane (Jones et al., 1977).

The enormous exposures of the Karmutsen appear to represent a single flood basalt event (Richards et al., 1989). A mantle plume initiation model has been proposed for the Wrangellia flood basalts based on (1) relatively limited geochemical data, (2) the nature of the underlying and overlying formations, (3) rapid uplift prior to volcanism, (4) the lack of evidence of rifting associated with volcanism and (5) the short duration and high eruption rate of volcanism (Richards et al., 1991). The basalt flows are estimated to have erupted a minimum volume of $1 \times 10^6 \text{ km}^3$ (Panuska, 1990) within a maximum of five million years (Carlisle and Suzuki, 1974).

Widespread areas of British Columbia are underlain by the distinctive flood basalt sequences of the Karmutsen Formation (Figure 3). Approximately 35% of northern and central Vancouver Island consists of Karmutsen basalt (Barker et al., 1989). Exposures of the Karmutsen are also extensive on the southern Queen Charlotte Islands, although the base of the formation is not exposed. On Vancouver Island, both underlying island arc rocks of the Paleozoic Sicker Group and the Karmutsen Formation are intruded by mafic sills thought to be associated with the Karmutsen (Barker et al., 1989). The Karmutsen Formation is commonly intercalated with small lenses of marine sediments and is capped by shallow-water limestone (Carlisle and Suzuki, 1974).

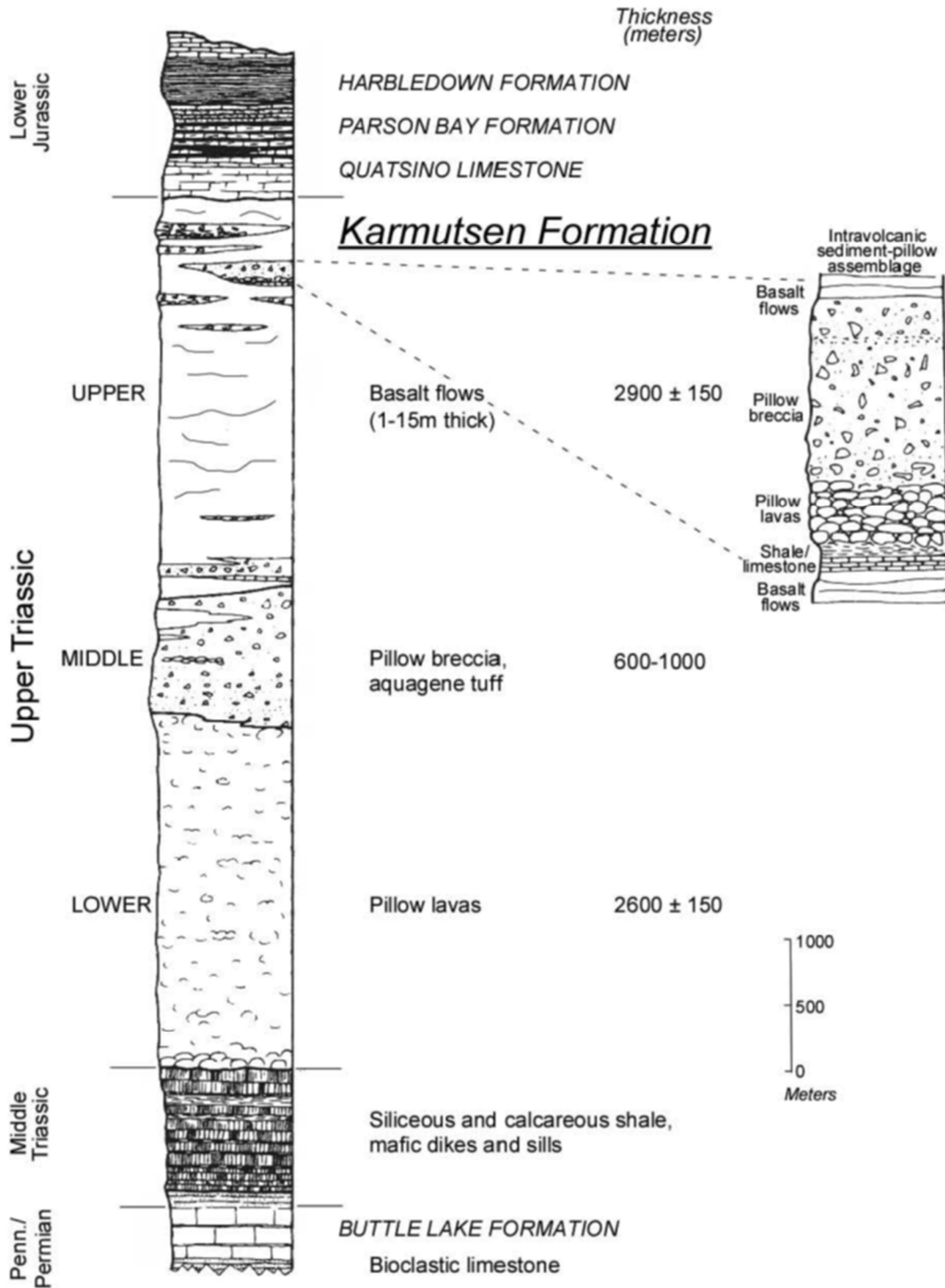
The Karmutsen Formation forms thick flood-volcanic sequences throughout the densely-forested regions of northern and central Vancouver Island. The predominantly extrusive marine sequences locally exceed 6000 m in thickness (Carlisle and Suzuki, 1974); however, extensive faulting throughout the Karmutsen makes reconstruction of the stratigraphic thickness challenging. Diagnostic units of the Karmutsen are often divided into: (1) a lower member of exclusively pillow lava ($2500 \pm 150 \text{ m}$); (2) a middle member of pillow breccia and aquagene tuff ($600\text{--}1100 \text{ m}$); and (3) an upper member of massive basalt flows ($2600 \pm 150 \text{ m}$) (Carlisle & Suzuki, 1974) (Figure 3).

Figure 3: Regional Geology



Map of Vancouver Island showing exposures of flood basalt from the Karmutsen Formation (green) (after Massey *et al.*, 2003).

Figure 4: Stratigraphy



Composite stratigraphic column depicting flood basalt sequences of the Karmutsen Formation and major sedimentary sequences on northern Vancouver Island (modified after Carlisle and Susuki 1974).

5.2 Property Geology

Wark-Colquitz Gneiss Complex

The Wark Gneiss consists of irregularly foliated to massive biotite-hornblende diorite and quartz diorite, while Colquitz Gneiss consists of well foliated biotite-hornblende quartz diorite to granodiorite. The dark, mafic Wark and light, felsic Colquitz gneisses may be intimately interlayered locally. The Colquitz Gneiss was originally thought to intrude the Wark Gneiss, but is now considered to be a paragneiss derived from volcanoclastics. Migmatization of the gneisses, as interpreted from K-Ar dating, occurred during Early Jurassic plutonism that produced the Island Intrusions. It may be that the Paleozoic Sicker Group is the protolith of the Wark and Colquitz Gneisses, but zircon dating appears to indicate older Paleozoic or even Precambrian material (Muller, 1981). The Wark-Colquitz Gneiss Complex is exposed in the vicinity of Victoria, where it forms the basement of the Insular Belt.

Sicker Group

Muller (1980a) proposed the following subdivision of the Sicker Group, from oldest to youngest: Nitinat Formation, Myra Formation, Sediment-Sill Unit, and Buttle Lake Formation.

The McLaughlin Ridge Formation consists predominantly of mafic volcanic rocks, most commonly flow-breccias or agglomerates including some massive flows, and rare pillow basalts. Locally, medium-grained, generally massive basaltic tuff is interbedded with the flows. The flow-breccia is composed of fragments of basalt up to 30 cm in length containing phenocrysts of uralitized pyroxene as well as amygdules, both from 1 mm to more than 1 cm in size, in a matrix of finer grained, similar basalt(?). Thin sections show pale green amphibole (uralite) is replacing clinopyroxene. Uralitized gabbroic to dioritic rocks underlie and intrude the volcanics and are believed to represent feeder dykes, sills, and magma chambers to the volcanics. The Nitinat Formation may be distinguished from the similar Rarmutsen Formation by the abundance of uralite phenocrysts, a usual lack of pillow basalts, lack of dallasite alteration between pillows (characteristic of the Rarmutsen) locally pervasive foliation, and lower greenschist or higher metamorphic grade. However, in some areas the distinction is still difficult (in which case whole rock analyses may be useful).

The Myra Formation overlies the McLaughlin Ridge Formation, possibly with minor unconformity. In the Nitinat-Cameron River area the Myra Formation is made up of a lower massive to widely banded basaltic tuff and breccia unit, a middle thinly banded albite-trachyte tuff and argillite unit, and an upper thick-bedded, medium-grained albite-trachyte tuff and breccia unit. In the lower unit, crudely layered mottled maroon and green volcanoclastic greywacke, grit and breccia are succeeded by beds of massive, medium-grained dark tuff up to 20 m thick interlayered with thin bands of alternating light and dark, fine-grained tuff with local fine to coarse breccias containing fragments of McLaughlin Ridge Formation volcanics. The middle unit comprises a sequence of thinly interbedded, light feldspathic tuff (albite trachyte or keratophyre composition) and dark marine argillite which has the appearance of a graded greywacke argillite turbidite sequence. In the upper part of the middle unit, sections of thickly bedded to massive black argillite occur. The upper unit contains fine and coarse crystal tuffs in layers up to 10 m thick with local rip-up clasts and slabs of argillite up to 1 m

in length as well as synsedimentary breccias of light coloured volcanic and chert fragments in a matrix of black argillite.

Mapping by Pyles (1955) in the area north of Cowichan Lake located a thick sequence of mainly massive green volcanics (McLaughlin Ridge Formation), overlain by a marker unit consisting of a sequence of thin bedded, cherty tuffs with several metres of coarse breccia containing fragments of amygdaloidal volcanics between it and the McLaughlin Ridge Formation. Overlying the marker unit are grey to black feldspathic tuffs and argillaceous sediments and minor breccias. Muller (1980a) considers the marker unit to correspond to the lower unit of the Myra Formation, while the overlying unit of tuffs and sediments is correlated with the middle unit 'and probably contains the upper ... unit as well.'

In the Sicker Mountain area, the Myra Formation is more pervasively deformed and consists of well bedded, mainly felsic tuff and breccia interbedded with black argillite and some greywacke. The rocks have been converted to quartz-chlorite-sericite schist in steep and overturned isoclinal folds. Breccia fragments are commonly epidotized. The "Tyee Quartz Porphyry" is a porphyritic rhyolite containing quartz eyes to 5 mm that occurs partly as cross cutting sills and partly as flows(?) within the Myra Formation. Tyee Quartz Porphyry is related to the Salt spring Intrusions.

Muller (1980a) estimated the thickness of the McLaughlin Ridge Formation at about 2000 m and that of the Myra Formation at 750 to 1000 m. Pyles' (1955) work indicates a thickness of at least 1500 m for the Nitinat Formation, and at least 1000 m for the Myra Formation in the Cowichan Lake area. Both the Nitinat and Myra Formations were dated as Devonian and/or older by Muller (1980a).

The Salt spring Intrusions are fine to medium-grained, light coloured metamorphosed granite or granodiorite which lacks the speckled appearance of most other intrusive rocks on Vancouver Island. Indistinct gneissic foliation and magmatitic structures occur pervasively. The Salt spring Intrusions have gradational contacts with the Tyee Quartz Porphyry of the Myra Formation and are considered to be comagmatic with it. Dating of the Salt spring Intrusions reveals an initial age of latest Silurian. The Salt spring Intrusions are exposed mainly on Salt spring Island, and do not extend westward into the regional geology map area.

The Sediment-Sill Unit is transitional between the Myra and Buttle Lake Formations. The upper and lower contacts are poorly defined. Thin bedded, turbidite-like, much silicified or cherty massive argillite and siltstone are interlayered with diabasic sills. The sediments show conspicuous dark and light banding on joint surfaces. The sills consist of a fine-grained, greenish black matrix containing feldspar phenocrysts up to more than 1 cm, commonly clustered in rosettes up to few centimetres in diameter, producing a very distinctive "flower porphyry" appearance. Subophitic texture may also be visible in hand specimen. The sediments are dated as Mississippian in age whereas the sills are believed to represent feeders to Triassic Karmutsen volcanics.

The Buttle Lake Formation consists of a basal green and maroon tuff and/or breccia overlain by coarse-grained crinoidal and calcarenitic limestone, fine-grained limestone with chert nodules and some dolomitic limestone. Lesser amounts of argillite, siltstone, greywacke, or chert may also be present.

In the area southeast of Cowichan Lake, the Buttle Lake Formation consists of laminated, calcareous grey siltstone and black argillite containing lenses of coarse-grained calcarenite, minor massive beds or crinoidal limestone about 1 m thick, and lenses and nodules of chert. The section was described by an earlier worker as mainly interbedded chert and limestone (Yole in Muller, 1980a).

The Buttle Lake Formation is up to 466 m thick (approximately 300 m thick southeast of Cowichan Lake). The age of the formation, on the basis of fossil dating, appears to be Middle Pennsylvanian, is possibly as young as Early Permian (Muller, 1980a). This has been confirmed by recent dating work by Brandon and others (1986), including isotopic as well as conodont ages, which indicate that rocks of the Battle Lake Formation are early Middle Pennsylvanian (Atokan) through Early Permian in age.

Vancouver Group

The Karmutsen Formation volcanic rocks paraconformably overlie the Buttle Lake Formation limestone to form the base of the Vancouver Group. They are the thickest and most widespread rocks on Vancouver Island. The formation, which is well exposed in the area of El Capitan Mountain, consists mainly of dark grey to black, or dark green, tholeiitic pillow basalt, massive basalt, and pillow breccia. Flows are commonly aphanitic, feldspar porphyritic, and amygdaloidal. Pillow lavas generally occur toward the base of the section. Conglomerate containing clasts of Sicker Group rocks and jasperoid tuff forms basal sections in the Nitinat-Horne Lake area to the northwest. Karmutsen Formation rocks are generally relatively undeformed compared to Sicker Group rocks and are dated Upper Triassic and older.

Massive to thick bedded limestone of the Quatsino Formation is widespread in the area south of Cowichan Lake. The limestone is black to dark grey and fine-grained to microcrystalline. Coarse-grained marble occurs in the vicinity of intrusive rocks. Most of the economic skarn deposits on Vancouver Island are hosted by Quatsino limestone. Thin bedded limestone also occurs in the formation. Fossils indicate an age of Upper Triassic (Muller and Carson, 1969).

The Parsons Bay Formation overlies Quatsino limestone, or locally, Karmutsen volcanics. It is composed of interbedded calcareous black argillite, calcareous greywacke and sandy to shaly limestone. The Quatsino and Parsons Bay Formations are considered to represent near and offshore basin facies, respectively, in the quiescent Karmutsen rift archipelago (Muller, 1981).

Westcoast Complex

The Westcoast Complex comprises a variety of plutonic and metamorphic mafic crystalline rocks, including amphibolite, diorite, and quartz diorite with homogeneous, agmatitic or gneissic textures. Dioritic or agmatitic bodies underlying or intruding the Nitinat Formation are included. Metamorphosed Karmutsen Formation and/or Sicker Group rocks grade locally into the complex and are believed to be its protolith, having been migmatized in Early Jurassic time. The mobilized granitoid portion of the complex is believed to be the source of the Island intrusions and, indirectly, the Bonanza Group volcanics (Muller, 1981, 1982). Small bodies of recrystallized limestone found within the complex are believed to be derived mainly from the Quatsino Formation, and to a lesser extent from the Buttle Lake Formation.

Bonanza Group

The Bonanza Group stratigraphy varies considerably in a vertical and horizontal sense, as it represents parts of several different eruptive centres of a volcanic arc. Basaltic, rhyolitic, and lesser andesitic and dacitic lava, tuff, and breccia with intercalated beds and sequences of marine argillite and greywacke make up the Bonanza Group. In the area south of Cowichan Lake, the volcanics are described as dark brown, maroon, and yellow grey massive tuff, volcanic breccia, and massive or plagiophyric flows (Muller, 1982). The Bonanza volcanics are considered to be extrusive equivalents of the Island intrusions and to be of Early Jurassic age.

Island Intrusions

Exposures of Island Intrusions consisting mainly of quartz diorite and lesser biotite-hornblende granodiorite occur throughout the area and are assigned an age of Middle to Upper Jurassic. Intrusive contacts with Sicker and Bonanza Group volcanic rocks are characterized by transitional zones of gneissic rocks and migmatite although contacts with Karmutsen Formation volcanic rocks are sharp and well defined. Skarn zones are reported at the contact of Island Intrusion rocks with Quatsino Formation limestone and less abundantly with Buttle Lake Formation limestone.

Haman Group

Upper Cretaceous Nanaimo Group sedimentary rocks occurring throughout the area overlie Paleozoic Sicker Group rocks with profound unconformity. Extensive exposures occur in the Chemainus and Cowichan River valleys. The formations present comprise the basal portions of the Nanaimo Group.

The Como Formation Unit consists mainly of quartzo-feldspathic, cross-bedded beach facies sandstone and lesser conglomerate. Numerous intercalations of carbonaceous and fossiliferous shale and coal are characteristic.

The Haslam Formation is a nearshore littoral depositional facies unit characterized by massive bedded fossiliferous sandy shale, siltstone and shaly sandstone.

Interbedded coarse clastic conglomerate, pebbly sandstone and arkosic sandstone of the Extension-Protection Formation are beach and deltaic sands. Minor shale and coal are reported.

Structure

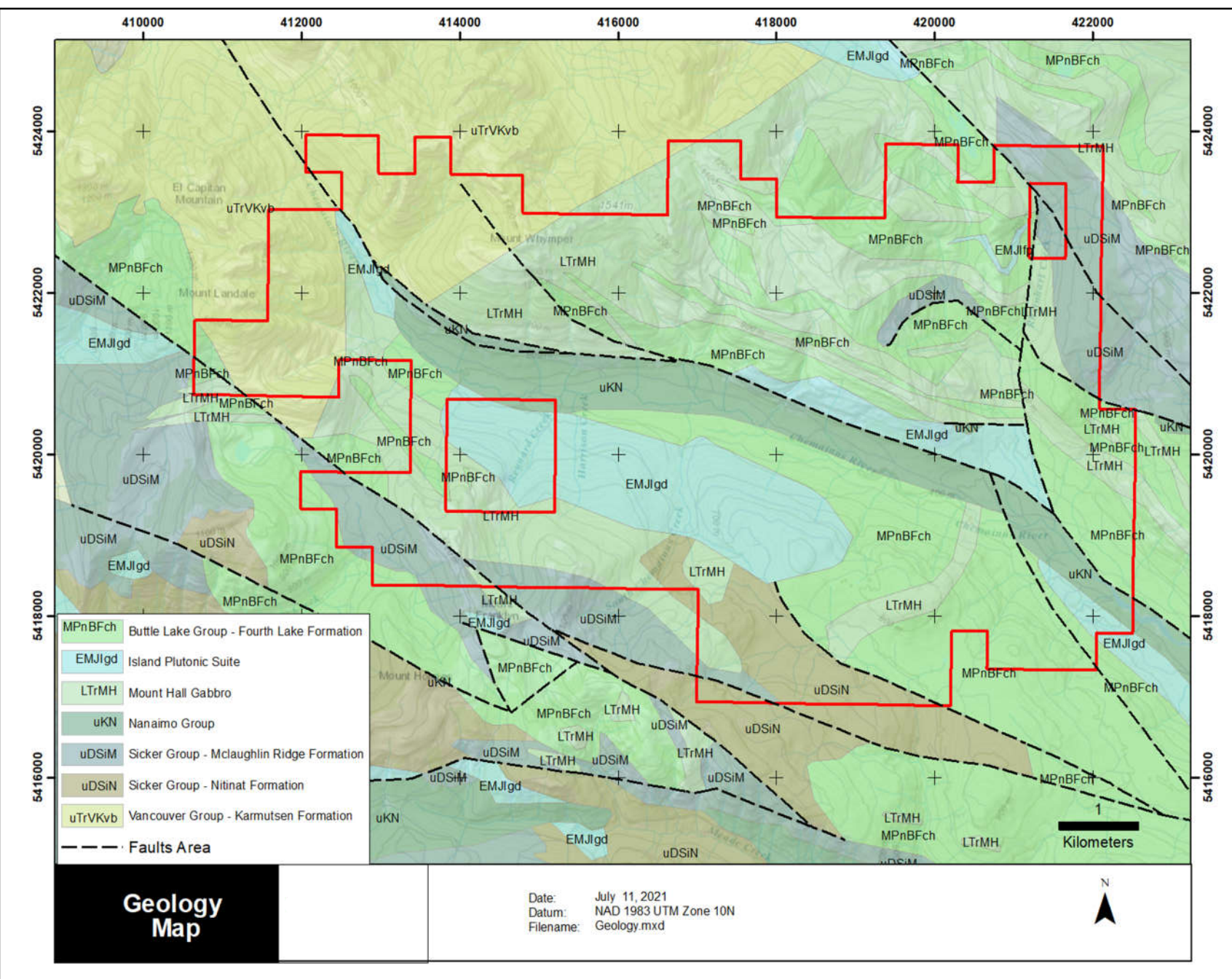
The, Cowichan-Horne Lake Arch and Nanoose Uplift are north-northwesterly trending axial uplifts and are believed to be among the oldest structural elements in south central Vancouver Island. Folding and uplift occurred before the late Cretaceous, and possibly before the Mesozoic (Muller and Carson, 1969), and more tilting, folding, and uplift occurred after the late Cretaceous. Sicker Group volcanic and sedimentary rocks occur at the cores of these uplifts.

Asymmetric southwest-verging, northwest-trending antiformal fold structures characterized by subvertical southwest limbs and moderately dipping northeast limbs are reported at Buttle Lake, in the Cameron-Nitinat River area, and north of Cowichan Lake. Well-developed foliation developed during metamorphism to chlorite-actinolite and chlorite-sericite schist in steep and overturned limbs of folds. Folding may have occurred prior to intrusion of Triassic(?) mafic sills along axial planar surfaces in folded Sediment-Sill unit rocks. Evidence from K-Ar dating also suggests Jurassic folding. Buttle Lake Formation limestones are relatively undeformed in some places, although in others, as in the Chemainus River Canyon, they are highly deformed, along with other Sicker Group rocks (Brandon and others, 1986). Vancouver Group units are not as intensely folded; gentle monoclinial and domal structures have been mapped. However, Karmutsen Formation volcanic rocks locally conform to the attitude of underlying Myra and Buttle Lake Formations (Muller, 1980a).

Some early Mesozoic faulting occurred in the area prior to emplacement of Island Intrusions. Middle to Upper Jurassic intrusive activity (Island Intrusions) occurred along northwesterly trends.

Extensive west-northwest trending faulting occurred during the Tertiary and is best illustrated by large displacements of Nanaimo Group sediments in some areas, such as the north side of the Chemainus River valley, placing Sicker Group rocks above Nanaimo Group rocks. These faults have been traced for up to 100 km. Such structures may represent large scale under thrusting from the southwest, in a regime of long-term semi-continual northeast-southwest compression. Nanaimo Group sediments are tilted up to at least 60° from paleohorizontal where they are overlying folded Sicker Group rocks with angular unconformity such as on the south side of the Chemainus River Valley. Minor late north-easterly trending tear-faults and block faults offset northwest-trending faults in the Cowichan Valley and Salt spring Island areas.

Figure 5: Property Geology



5.3 MINFILE Showing on the Property

There are eight Minfile showings on the property; Soul Quarry, Iron Horse, Sognidoro, Sognidoro West, Sognidoro Gossan, Sognidoro, Jr, and Mike (Figure 6).

Iron Horse

In 2006, a single sample of quartz vein material containing chalcopyrite mineralization returned 16.54 % iron, 2452 ppm copper, 1.9 ppm silver, and 28 ppb gold.

JR

Mineralization occurs in shear zones in pyritized, and/or hematitic chert, and in pyritized and silicified sheared diorite. The chert outcrops on the southern portion of the claim and is part of the Mississippian to Pennsylvanian Fourth Lake Formation (Buttle Lake Group). The intrusives have been kaolinitized locally, the chert has been silicified, and limonite staining was noted. Rock sampling yielded values up to 3.5 % copper.

Mike

Mineralization occurs in east trending shears and quartz veins hosted in the Mississippian to Pennsylvanian Fourth Lake Formation fine-grained sediments and the Triassic gabbro dykes. Quartz veins, up to 1.0 metre in width, contain pyrite, pyrrhotite, chalcopyrite, minor arsenopyrite and anomalous gold values up to 60.0 g/t gold.

The main showing consists of five east trending quartz veins. The uppermost vein is comprised of vuggy, bluish-grey quartz within a shear zone up to 2.0 metres in width striking 098° and dipping 83° southwest.

In 1986, sampling across 1.0 metre, along a strike length of 14 meters, averaged 18.61 g/t gold. Sampling of the four other quartz veins ranged from 1.1 to 27.09 g/t gold.

A 10-centimetre-wide shear zone, striking 133 ° and dipping 65° northwest cuts silicious siltstone and is mineralized with pyrrhotite and pyrite. Up to 0.5 % copper with low gold, silver, cobalt and tungsten values were obtained.

An area containing quartz veins, well-mineralized with pyrite and chalcopyrite, is located near the gabbro dyke associated with the gold-bearing veins. In 1986, a sample of this vein material assayed 0.2 g/t gold, 3.2 g/t silver, 0.9 % copper, and 0.17 % arsenic

Sognidoro Gossan

Locally, a gossanous, altered felsic intrusive with hematite, disseminated pyrite, and iron oxide staining hosts copper mineralization. In 1987, a sample (17839) returned 538 ppm copper.

Sognidoro West

Locally, diabasic rocks host a quartz carbonate vein with blebs of galena. In 1987 sample number 17814 assayed 10 ppb gold, 1.2 ppm silver, 327 ppm copper, and 4590 ppm lead.

Sognidoro

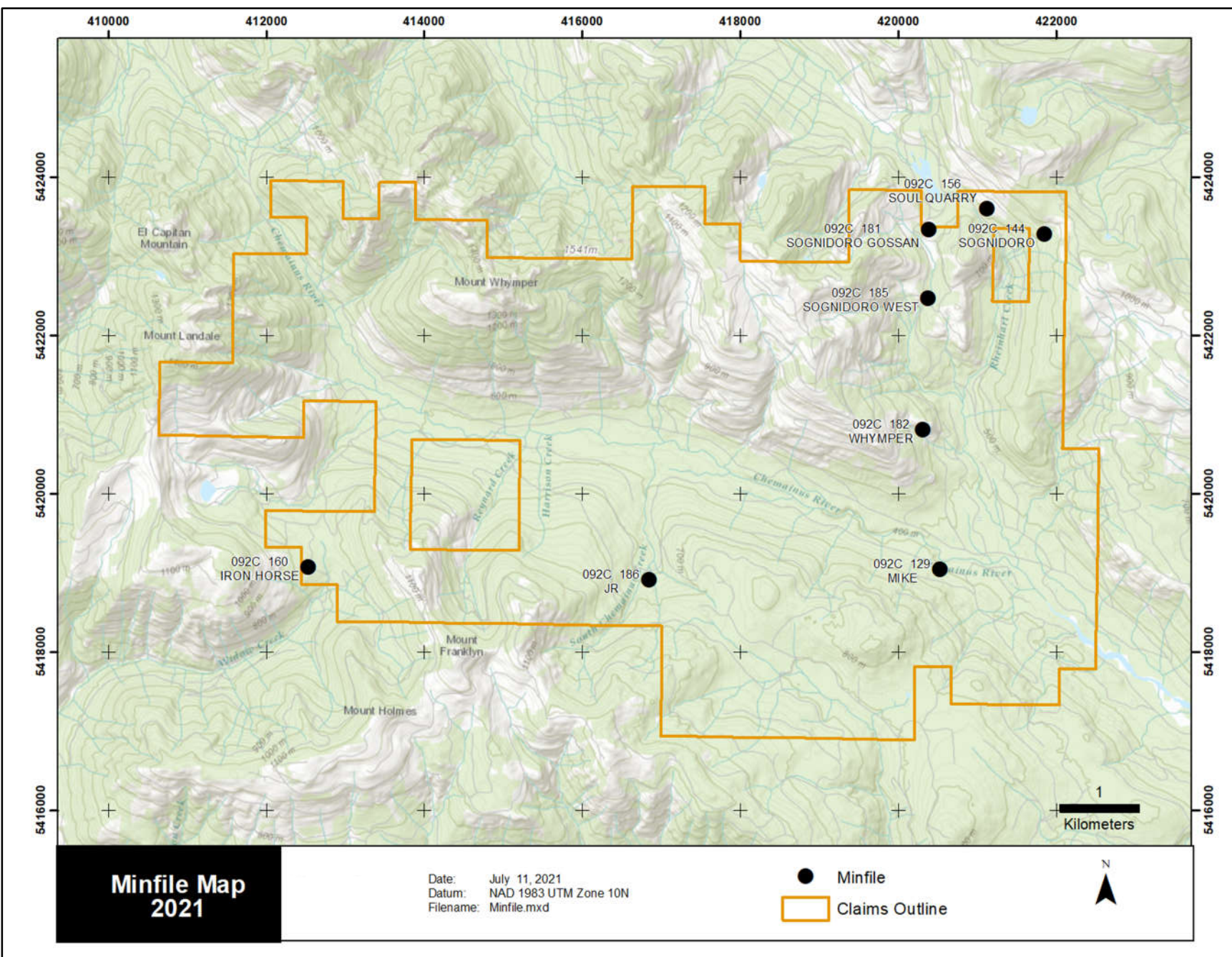
Mineralization comprises pyrite, chalcopyrite, galena, bornite, molybdenite, azurite, malachite, and chalcantite hosted within quartz veins. Pyrite, chalcopyrite, hematite and magnetite also occur within jasper horizons. Galena was observed in a quartz vein cutting a diabasic outcrop within the southerly flowing creek on the western side of the claim. Base and precious metal values are locally associated with this mineralization.

Two jasper showings are hosted in and conformable with the chloritic schists. The horizons are exposed over 30 and 25 metre widths and along strike for 200 metres and 50 metres respectively. The jasper appears to occur in lenses but it could be part of a continuous horizon displaced by right-lateral faulting. The jasper, brick to scarlet red with metallic grey patches, is cut by numerous quartz veinlets (up to 0.5 centimetre). Iron oxides and malachite staining occurs locally. Pyrite and chalcopyrite occur primarily in the veinlets. Finely disseminated and massive magnetite occurs within the jasper "lenses". A sample of jasper cut by quartz veinlets containing pyrite and magnetite assayed 0.72 g/t gold, 0.5 g/t silver, 0.0418 % copper, and 41.69 % magnetite. In 2011, selected grab samples hosting chalcopyrite and bornite from the quart-jasper-sulphide showings assayed up to 9.35 % copper and 28.9 g/t silver.

Soul Quarry

The quarry was established to develop test blocks of jasper, "granite" [Gabbro?] and marble. Results of this work by Lake Cowichan Imperial Stone Ltd. are not published.

Figure 6: Minfile Showings



6 DEPOSIT TYPES

There are three potential deposit types that can be explored for on the Property: Intrusion related, Low Sulphidation Epithermal (Geothermal), and Precious Metal Quartz-Sulphide Vein Model.

Intrusion Related Quartz-Sulphide Vein/Breccia Model

These types of deposits occur near high level magma sources that generate low salinity, two-phase vapour plumes resulting in up-flowing parts of hydrothermal systems with magmatically driven fluids deposited in steep structures.

Intrusion-related zones of gold-copper bearing quartz-calcite veins and breccia occur in a felsic dyke. The alteration associated with intrusion-related mineralization consists of sodic plagioclase, quartz, magnetite and chlorite. The formational environment for this type of intrusion-related deposit type is peripheral to porphyry deposits (e.g., Mount Washington Copper).

Low-Sulphidation Epithermal (Geothermal)

These types of deposits result from a sub-volcanic environment with interaction and mixing of flowing, steam-heated entrained meteoric or seawater. Heat originated by sub-volcanic intrusive rocks combined with a series of fracture and breccia-controlled conduits are superimposed in an area giving rise to sequential precious metal bearing quartz-sulphide mineralization.

Precious Metal Quartz-Sulphide Vein Model

A vein-type deposit is a tabular shaped zone of mineralization, usually inclined and discordant, and is typically narrow compared to its length and depth. Most vein deposits occur in fault or fissure openings or in shear zones within country rock. A vein deposit is sometimes referred to as a (metalliferous) lode deposit. A great many valuable ore minerals such as native gold or silver or metal sulphides are deposited along with gangue minerals, mainly quartz and/or calcite in a vein structure.

As hot (hydrothermal) fluids rise towards the surface from cooling intrusive rocks (magma charged with water, various acids, and metals in small concentrations) through fractures, faults, brecciated rocks, porous layers and other channels (like a plumbing system), they cool or react chemically with the country rock. Some metal-bearing fluids create ore deposits, particularly if the fluids are directed through a structure where the temperature, pressure and other chemical conditions are favourable for the precipitation and deposition of ore (metallic) minerals. Moving metal-bearing fluids can also react with the rocks they are passing through to produce an alteration zone with distinctive, new mineralogy.

7 EXPLORATION

Crest Resources Corp undertook an exploration programme with a crew of four from May 27 to June 16, 2021. The 2021 exploration programme consisted of total of 14,000 meters of GPS surveyed grid located on two grids, the collection of 459 soil samples on the two grids, the collection of 37 regional silt samples, and the collection of 25 rock samples. The total cost the 2021 exploration program was \$79,808. Statement of Costs can be found in Appendix I. Maps can be found in Appendix II, Sample Notes and Assays in Appendix III and Assays Sheets in Appendix IIII

A total of 14,000 meters of GPS surveyed grid was located on two grids. The JR Grid consists of 6000 meters of north – south lines centered on the JR Showing, and the South Grid consists of 8000 meters of north – south surveyed grid lines centered on areas of historic rock sampling.

Both grids were established to identify possible buried mineralization in areas of possible anomalous gold, copper, and other minerals. Lines are 600 - 800 meters in length and are spaced 50 meters apart on both grids. The grid lines were located by compass and GPS. All stations are marked in the field in blue and orange flagging with their respective UTM locations marked on the orange flag with permanent marker (18300E, 17400N).

A total of 459 soil samples were taken on the property during the 2021 programme. Soil samples were taken along the grid lines every 25 meters from the “B” Horizon from a consistent depth of 30 to 35 cm with a shovel and spoon. The soil was placed in standard Kraft soil sample bags and labeled with the last five digits of their relative NAD 83 grid location, example – 18300E, 17400N. Sample characteristics such as location, altitude, depth, and colour were recorded and are listed on an excel spreadsheet which is included in this report.

The samples were dried and placed in marked poly bags which were then zap-strapped, placed in marked rice bags, double zap-strapped, and couriered to Activation Laboratories located on Dallas Drive in Kamloops, BC.

A total of 37 silt samples were collected from all of the 1st and 2nd order creeks draining the property. The focus of a stream sample collection program was to collect and analyze the finest grained material within active stream channels. The finer fraction of sediment deposited following strong stream flow is found at the edges of the stream channel stranded on or along the banks, behind boulders or bushes, or on the inner flanks of bends. Most of the creeks within the property boundary contained such characteristics and were thus sampled.

Material was collected with a long-handled spoon and placed in marked Hubco Sentry sample bags. These bags were then tied shut and photographed in location. Data such as UTM location and the characteristics of the sample which include altitude, stream description, components, compaction, depth, colour, texture, type of drainage (seasonal-perennial), direction of drainage, flow rate, drainage width, and trap description were noted and are presented in excel format within this report. All stations are marked in the field in blue and orange flagging with their respective UTM locations marked on the orange flag with

permanent marker. Metal tags with the sample number and Project Identifier (W-21 1645) were also hung at each sample location. Two photographs were taken of each sample.

The Hubco silt sample bags were then placed in marked poly bags which were then placed in rice bags, zap strapped, and couriered to Activation Laboratories located on Dallas Drive in Kamloops, BC.

The property contains limited outcrop. Most outcrop is confined to the roadcuts and quarries. A total of 25 rock samples were collected from various sites within the property boundaries which contained visual indications of alteration and/or mineralization. Several samples were taken from an area that was hand-trenched to expose material sampled previously.

The rock samples consisted of grab and chip samples up to 100 cm in length. Data such as UTM location and the characteristics of the sample site and material collected such as alteration, lithology, mineralization, strike and dip, and width of sample were noted and are presented in excel format. All stations are marked in the field with blue and orange flagging with their respective sample identifier (W-21 0907378) marked on the blue flag with permanent marker. Metal tags with the same identifier were also hung at each sample site. Photographs were taken of each sample and a witness sample for each individual sample has been retained and is available for viewing.

The sample material was placed in marked poly bags, zap strapped, placed in large rice bags, zap strapped, and couriered to Activation Laboratories located on Dallas Drive in Kamloops, BC.

Soil Geochemistry: JR Grid

The JR Grid has total of 130 soil samples collected from 100-meter lines oriented in a north south direction.

Gold in soils identified two anomalies, with 60 ppb and 80 ppb gold respectively (Figure 7).

Copper in soil identified an anomalous area with over 80 ppm copper. The general trend tends to be in a northwesterly direction. There are two copper values over 80 ppm on line 17100E and 17150E (Figure 8).

Soil Geochemistry: South Grid

The South Grid has total of 329 soil samples collected on lines oriented in a north south direction.

Gold in soils identified three anomalous areas that returned over 100 ppb. These are line 18300E, 18500E, 18650E with values of 118 ppb, 315 ppb and 216 ppb gold respectively (Figure 7).

Copper in soil identified an anomalous area with over 80 ppm copper. The general trend of the copper anomalies tends to be in north-south direction. There are numerous copper values over 80 ppm on line 18650 (Figure 8). The highest copper values is 665 ppm.

Arsenic in soils identified anomalous values with an east- west direction over several sample lines 18450E to 18600E (Figure 9)

Silt Samples

Silt samples taken on the western part of the property returned numerous anomalous gold values over 20 ppb Au. Sample 1629 returned 31.3 ppb gold. This value is considered anomalous. (Figure 10).

Copper in silt is generally over 110 ppm Cu. Select samples 1645, 1646, 1642,1643, 1629,1641, 1650, and 1644 returned over 110 ppm copper (Figure 11).

The anomalous zinc in silts is generally over 100 ppm zinc. Samples 1624, 1625, 1626, 1627, and 1628, represent anomalous areas of interest (Figure 12).

Rock Samples

Five rock samples returned anomalous values: Sample 907383 returned 2,310 ppm copper, sample 907391 returned 933 ppm copper, sample 907386 returned 876 ppm copper, sample 907375 returned 873ppm copper and sample 907390 returned 757 ppm copper (Figure 13).

A 50-meter diameter rock pit or quarry centered at UTM Zone 10N 413500E, 5420935N, elevation 530 m. The pit is underlain primarily by highly deformed, fine grained siliciclastic metasediments of the Paleozoic Buttle Lake Group. The centre of the pit is crossed by a 5 m thick, N-S trending, steeply-dipping, fine grained, pyritic mafic igneous unit, probably a Triassic Mount Hall gabbro intrusive dike, or possibly an interlayered mafic volcanic flow of the Paleozoic Sicker Group. Both units are cut by a continuous, 0.5 m thick, NE-SW trending, steeply-dipping quartz-adularia-calcite-sulphide breccia vein, exposed over a strike length of 50 m in the pit floor.

The vein was sampled at approximately 10 m intervals with 4 selective rock samples, and contained 0.1% sulphides including pyrite, chalcopyrite, and possibly sphalerite. The metasediments also contain some thin quartz-calcite-sulphide veins trending sub-parallel to the mafic igneous unit, exposed in the south wall of the pit, and 3 selective rock samples were taken each from separate veins, which contained minor sulphides.

Figure 7: Gold in Soils

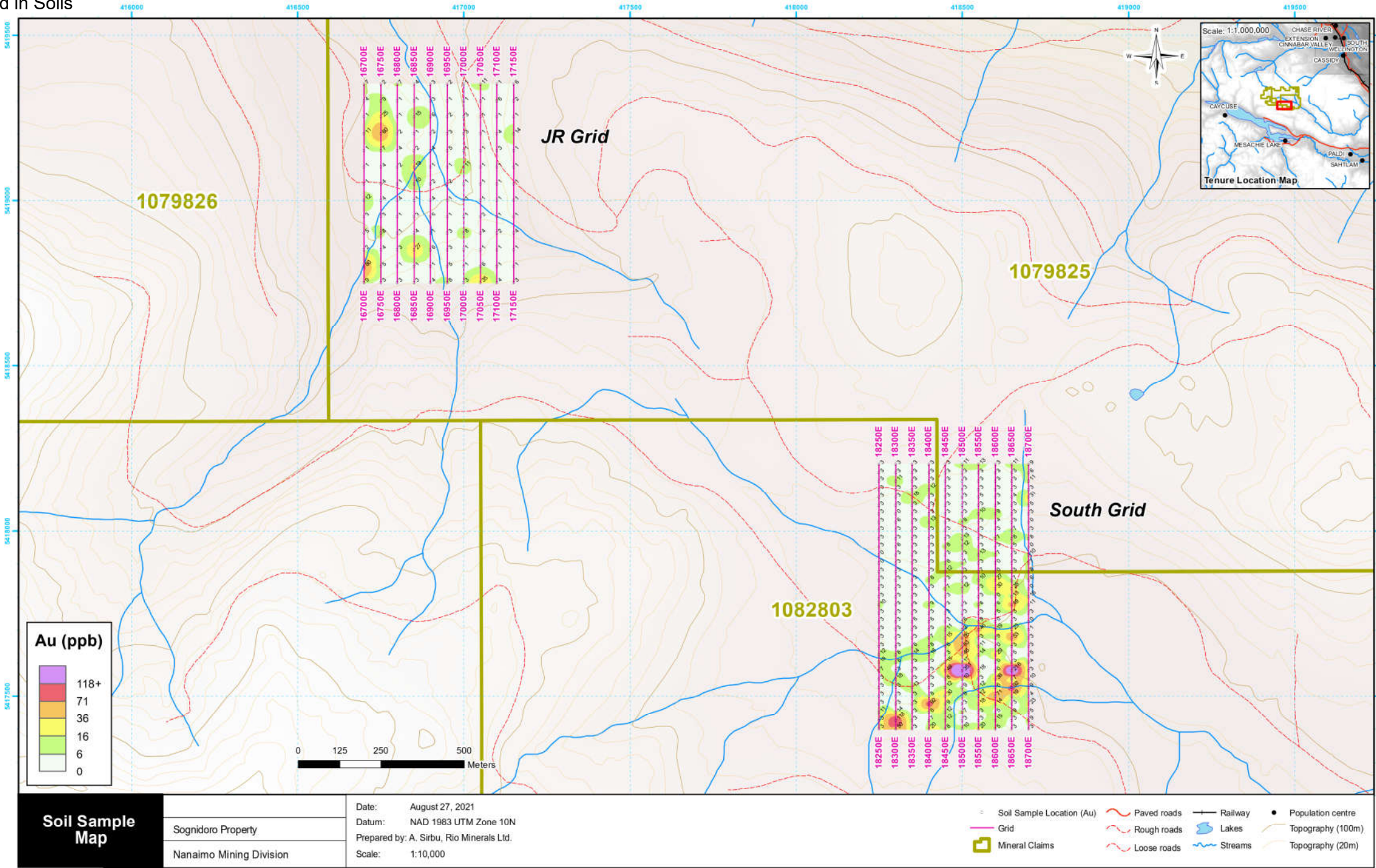


Figure 8: Copper in Soils

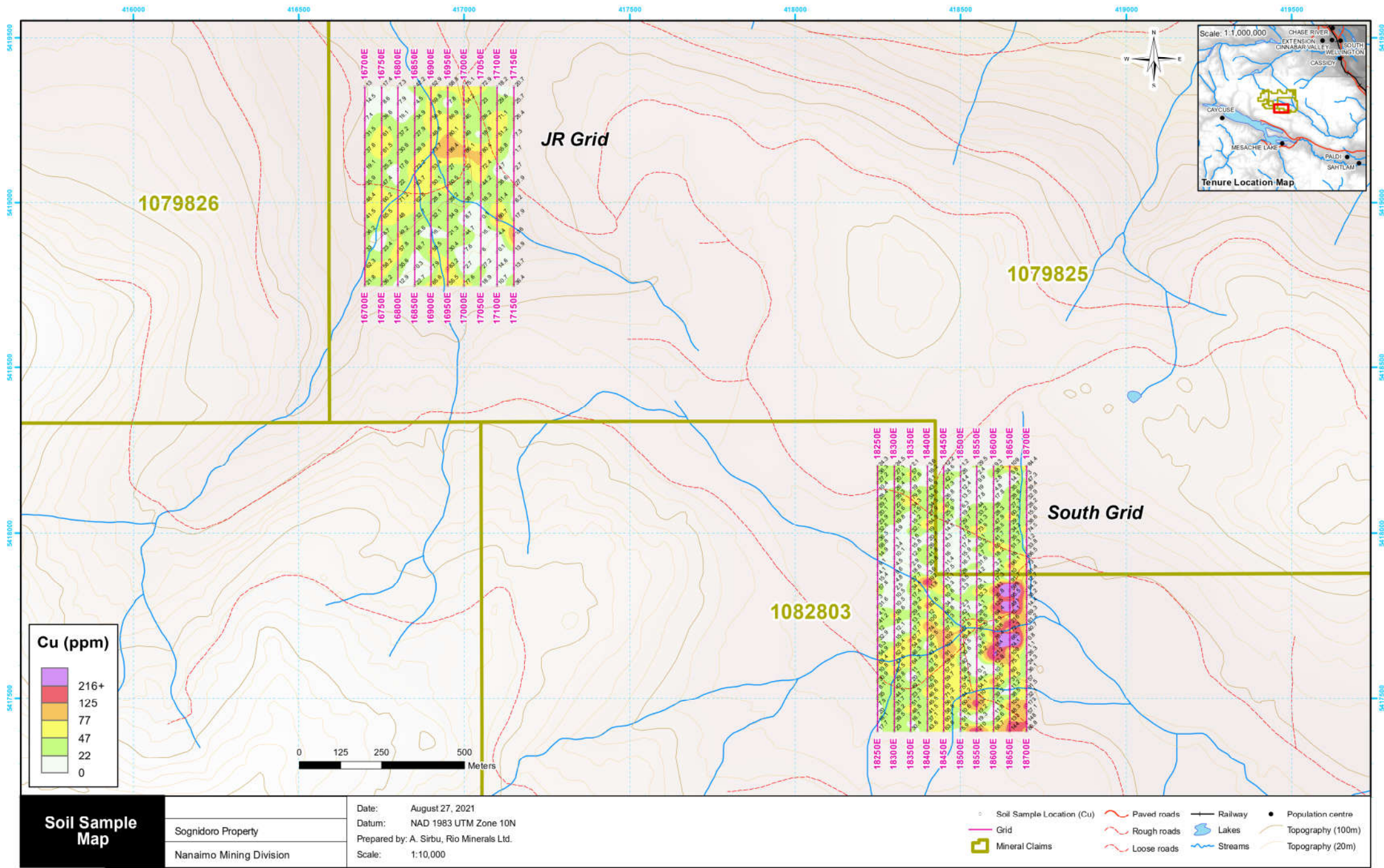


Figure 9: Arsenic in Soil

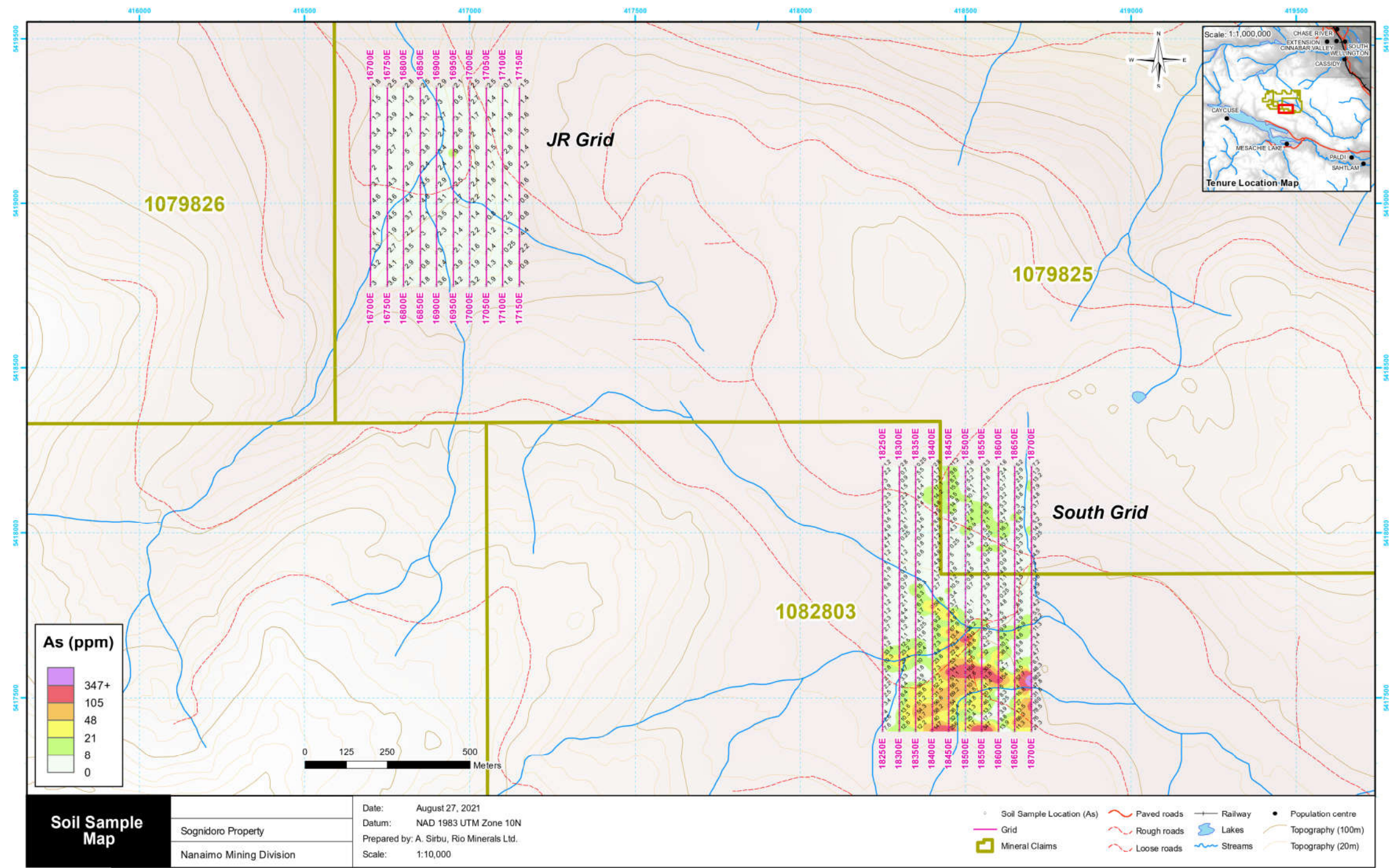


Figure 10: Gold in Silts

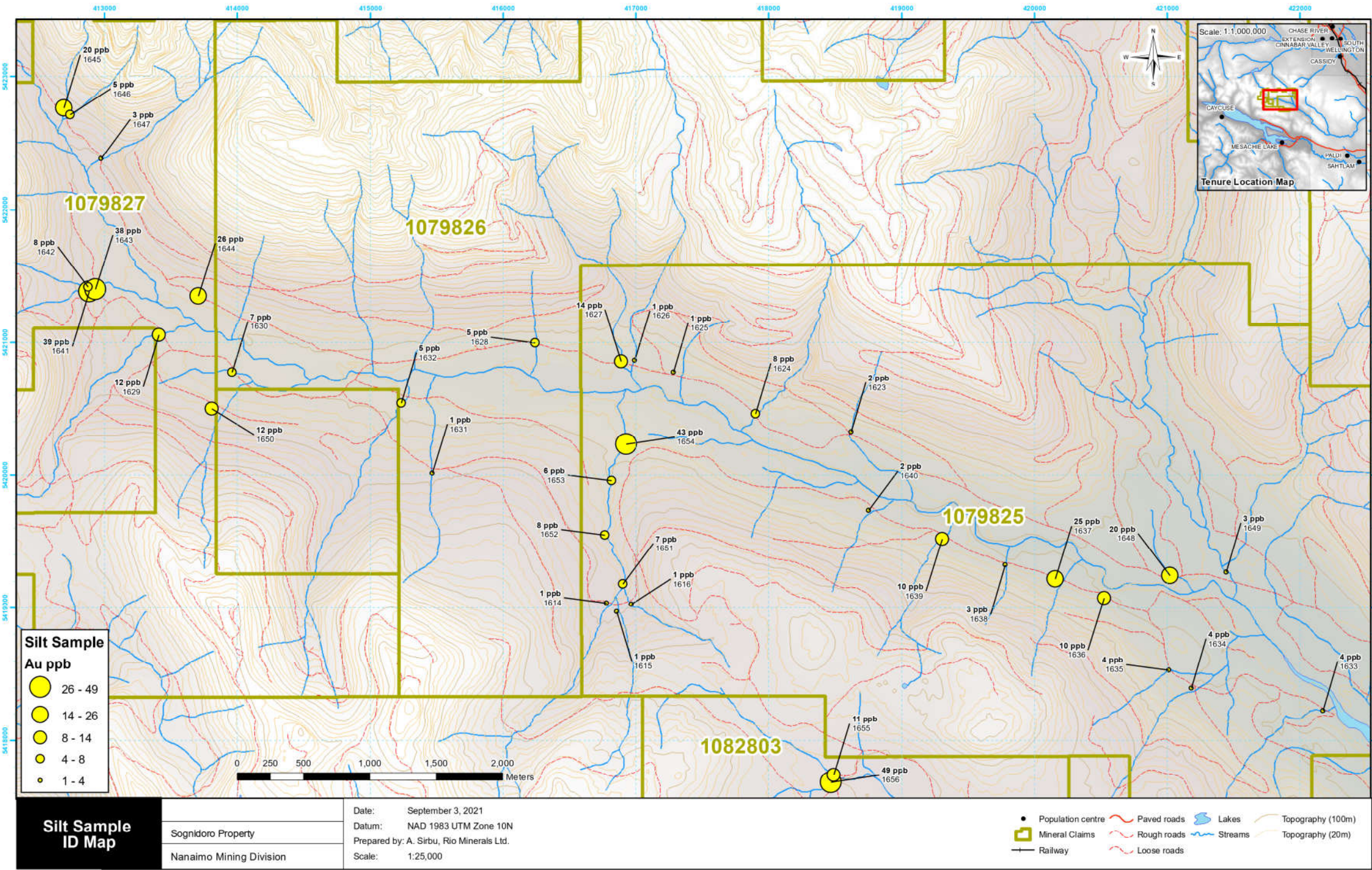


Figure 11: Copper in Silts

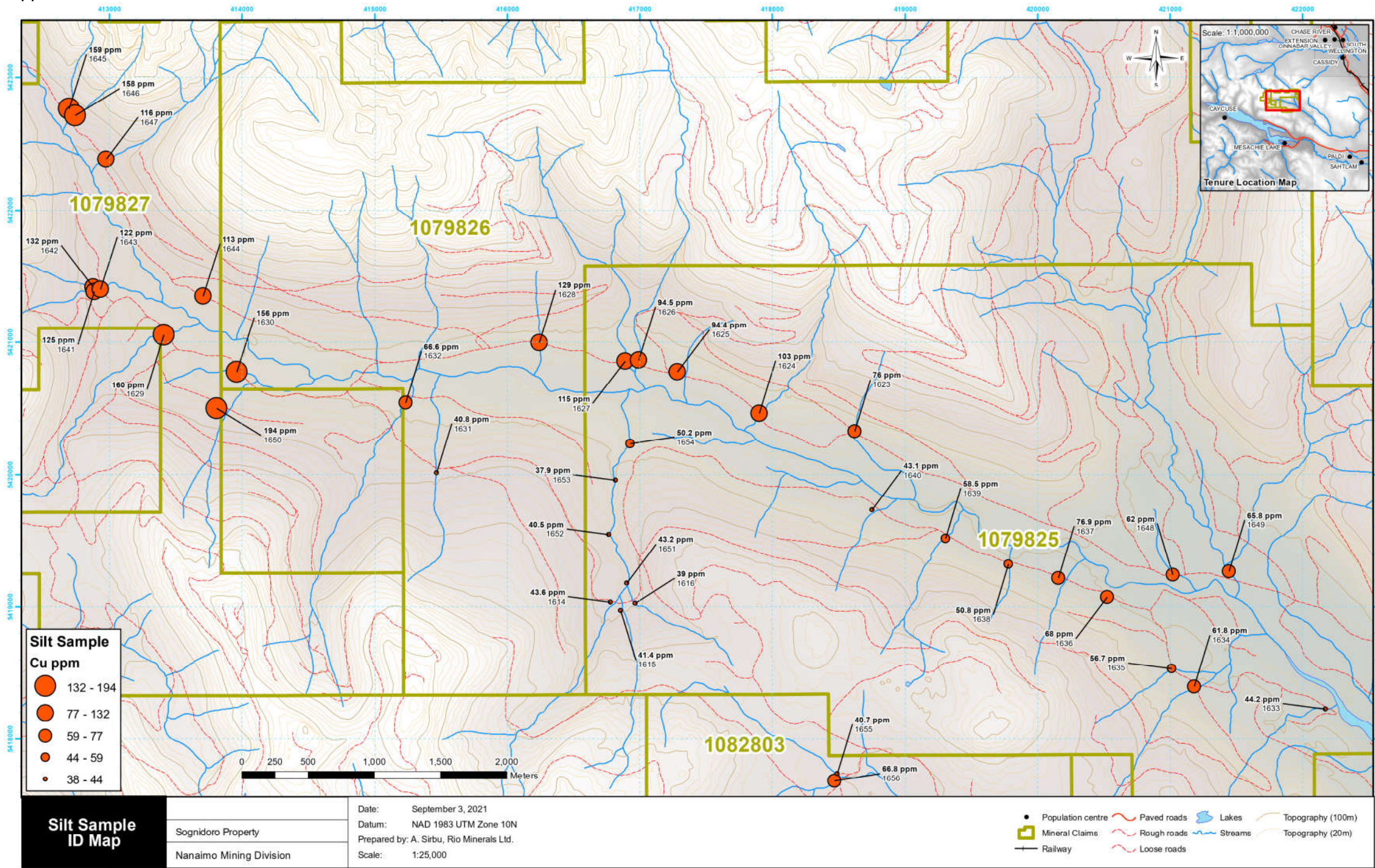


Figure 12: Zinc in Silt

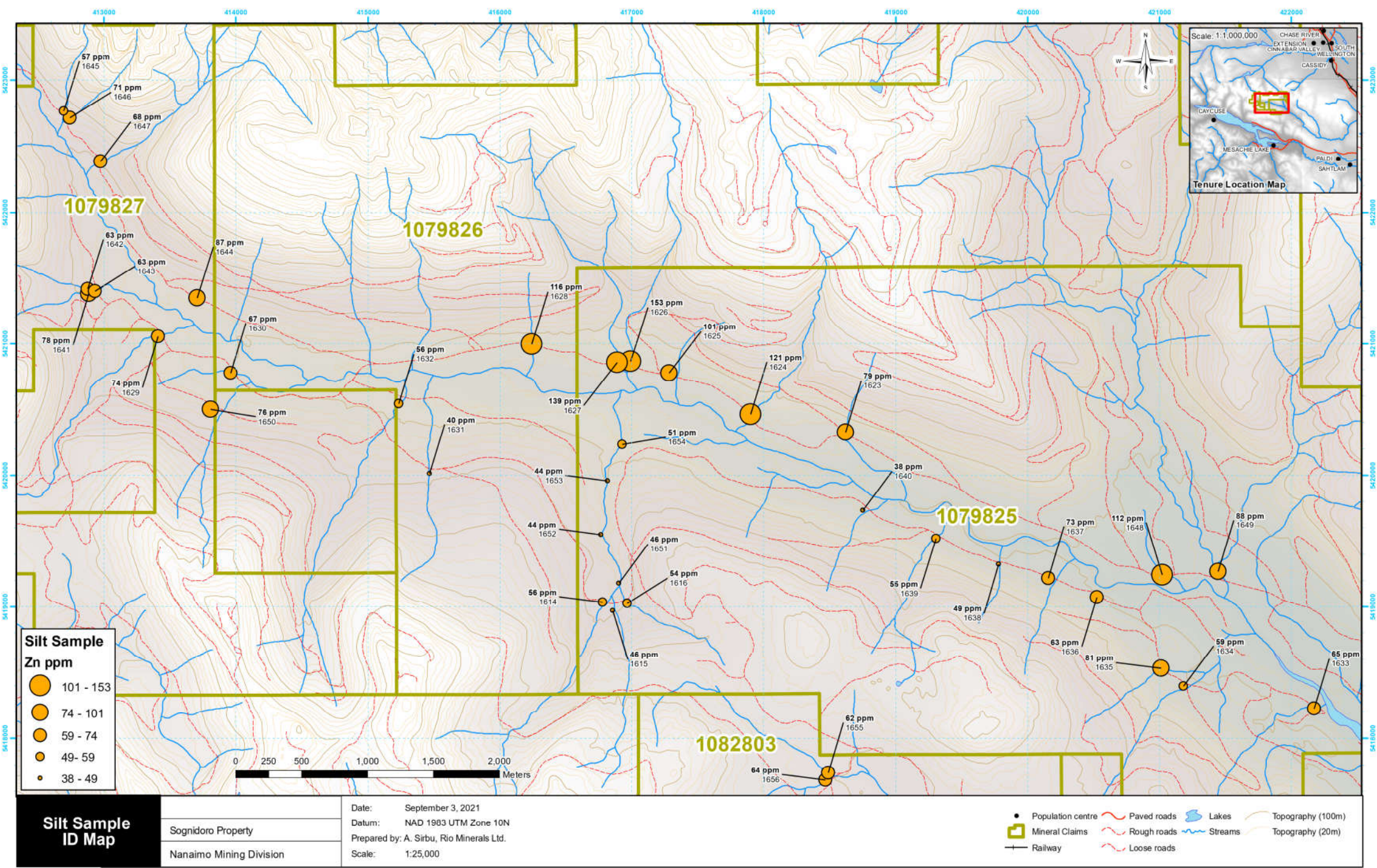
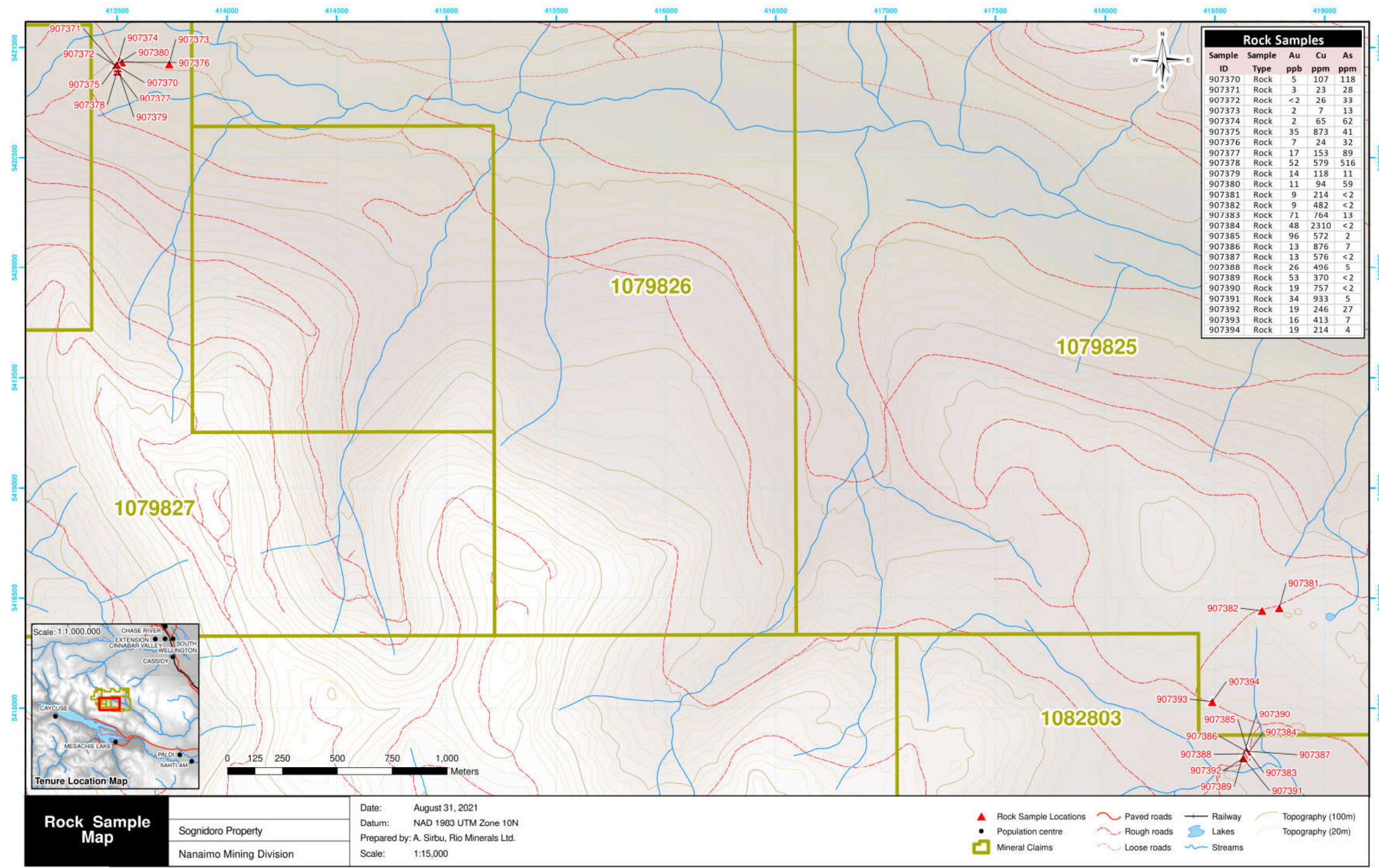


Figure 13: Rock Samples



8 SAMPLING PREPARATION, ANALYSIS, AND SECURITY

2021 Procedures Field Programme

All samples underwent assay package 1E3 which includes 38 element ICP analysis, and 1A2 Au-Fire Assay.

Soil samples were taken along the grid lines every 25 metres from the “B” Horizon from a consistent depth of 30 to 35 cm with a shovel and spoon. The soil was placed in standard Kraft soil sample bags and labeled with the last five digits of their relative NAD 83 grid location, example: “18300E, 17400N”. Sample characteristics such as location, altitude, depth, and colour were recorded and are listed on an excel spreadsheet which is included in this report.

The samples were dried and placed in marked poly bags which were then zap-strapped, placed in marked rice bags, double zap-strapped, and couriered to Activation Laboratories (an independent, accredited laboratory ISO 9001:2008). located on Dallas Drive in Kamloops, BC. The Company, Crest Resources Inc., and the author are all independent of Activation Laboratories.

Silt samples were collected from all of the 1st and 2nd order creeks draining the property. The focus of a stream sample collection programme was to collect and analyze the finest grained material within active stream channels. The finer fraction of sediment deposited following strong stream flow is found at the edges of the stream channel stranded on or along the banks, behind boulders or bushes, or on the inner flanks of bends. Most of the creeks within the property boundary contained such characteristics and were thus sampled.

Material was collected with a long-handled spoon and placed in marked Hubco Sentry sample bags. These bags were then tied shut and photographed in location. Data such as UTM location and the characteristics of the sample which include altitude, stream description, components, compaction, depth, colour, texture, type of drainage (seasonal-perennial), direction of drainage, flow rate, drainage width, and trap description. All stations are marked in the field in

The Hubco silt sample bags were then placed in marked poly bags which were then placed in rice bags, zap strapped, and also couriered to Activation Laboratories located on Dallas Drive in Kamloops, BC.

The rock samples consisted of grab and chip samples up to 100 cm in length. Data such as UTM location and the characteristics of the sample site and material collected such as alteration, lithology, mineralization, strike and dip, and width of sample were noted. All stations are marked in the field with blue and orange flagging with their respective sample identifier marked on the orange flag with permanent marker. Metal tags with the same identifier were also hung at each sample site. graphs were taken of each sample and a witness sample for each individual sample has been retained and is available for viewing.

The sample material was placed in marked poly bags, zap strapped, placed in large rice bags, zap strapped, and similarly couriered to Activation Laboratories located on Dallas Drive in Kamloops, BC.

9 INTERPRETATION AND CONCLUSIONS

The Sognidoro Property is underlain by Sicker Group pyroclastics and sediments of the Nitinat and Cameron River Formations. These rocks appear to have undergone three phases of deformation.

Regional folding has a northwest trending fold axis and smaller, local distortions have northeast trending axes. The Sicker Group rocks on the property have been intruded by a Triassic gabbroic dyke and a Jurassic Island Intrusion quartz diorite plug (sill?).

Historic mineralization discovered on the property to date is largely restricted to shears and quartz veins. Five easterly trending quartz veins with highly anomalous Au and As values (Au up to 60.0 grams/ton or 1.75 oz/ton) and several others with moderately anomalous gold values occur along the flanks of a gabbroic intrusive. This relationship between gold mineralization and the gabbro suggests that the gabbro may have been the heat source which caused fluid circulation and vein formation in fracture systems.

Au bearing quartz veins in this area are also enriched in Ag, As, and Cu. Historical soil geochemistry in areas of known mineralization has corresponding Au and As anomalies. Ag and Cu anomalies are weak and do not define mineralized zones.

More mapping is required to validate such a relationship. The historical magnetic survey also clearly defines the gabbro – sediment contact. This contact is an important exploration target and in areas of heavy overburden the magnetometer will be a useful tool.

For Vancouver Island soil samples, 50 ppm or 100 ppm copper are usually considered anomalous. However, on this Property there are many samples that returned greater than 100 ppm Cu. These are not in a single localized area, and so do not appear to be due to a single anomalous source, but rather due to rocks with high background copper (basic volcanics?).

Mineralization discovered on the Mike Property to date has been restricted to shears and quartz veins, the strongest of which occur within the narrow belt of Cameron River Formation sediments.

The area of the Mike showing consists of five roughly east-west trending quartz veins. They are probably located on the hinge of a fold and lie a few hundred meters west of the gabbro intrusive. The veins are predominantly bluish-gray vuggy quartz ranging in width from 5 to 20cm within a shear zone up to 2m wide (98/83 SW). Vein material contains up to 5% pyrite, 1 to 2% chalcopyrite, and traces of arsenopyrite. Historical sampling of a trench on this structure yielded an average of 18.61 g/t Au (0.543 oz/ton) over 0.1m along 14m of strike length. The highest-grade sample assayed 60.0 g/t Au (1.75 oz/ton) across 0.07m, or 3.120 g/t Au (0.091 oz/ton) over 1.5m. Host siltstones and sandstones contained elevated gold values ranging up to 290 ppb across one metre.

10 RECOMMENDATIONS

Further exploration on the property is recommended to search for structurally controlled gold mineralization within upper Sicker Group rocks exposed on the Property.

In the qualified person's opinion, the character of the Sognidoro Property warrants the following work programme: A property-wide programme of geological mapping, drone airborne geophysics general data compilation, and hand trenching in the areas of interest.

The following recommendations are designed to follow up on the results of the 2021 and previous field work programs, and to establish additional exploration targets:

- The company should undertake a data compilation of all the available data
- Trace known mineralized horizons with selective detailed geochemical sampling along overburden covered projections.
- Undertake property wide mapping
- Detailed geochemistry combined with surface trenching could be employed to identify other areas of interest.
- Drone airborne geophysics

Table 3: Proposed Budget

Item	Unit	Rate	Number of Units	Total (\$)
Data Compiled				\$ 10,000
Drone Geophysical Survey				\$ 25,000
Accommodation and Meals	days	\$150	60	\$ 9,000
Geological Mapping Geologist	days	900	15	\$ 13,500
Field crew of 3	days	\$1,700	15	\$ 25,500
Assays	sample	\$45	600	\$ 27,000
Truck Rental	days	\$150	15	\$ 2,250
ATV Rental	days	\$105	15	\$ 1,575
Staking				\$ 3,500
Supplies				\$ 1,500
Reports	Lump Sum	\$8,500	1	\$ 8,500
		Subtotal		\$127,325
TOTAL (CANADIAN DOLLARS)				\$127,325

11 REFERENCES

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12 CERTIFICATE OF AUTHOR

I Derrick Strickland, of 595 Burrard in the City of Vancouver in the Province of British Columbia do hereby certify that:

1. I am a Consulting Geologist working in Vancouver, British Columbia.
2. I hold a Bachelor of Science in Geology (1993).
3. I have been employed in the mineral exploration industry since 1987 and have practiced my profession since graduation.
4. I was engaged to create an assessment report. The information for this report has been taken from government and old geological reports and work undertaken by Crest Resources Corp
5. I am a member in good standing with Association of Professional Engineers, Geoscientist of British Columbia (1000315).
6. The assessment costs presented in this report are true and accurate to the best of my knowledge.

DATED at Vancouver, British Columbia, this 15 day of October 2021

Original signed

Derrick Strickland P.Geo.

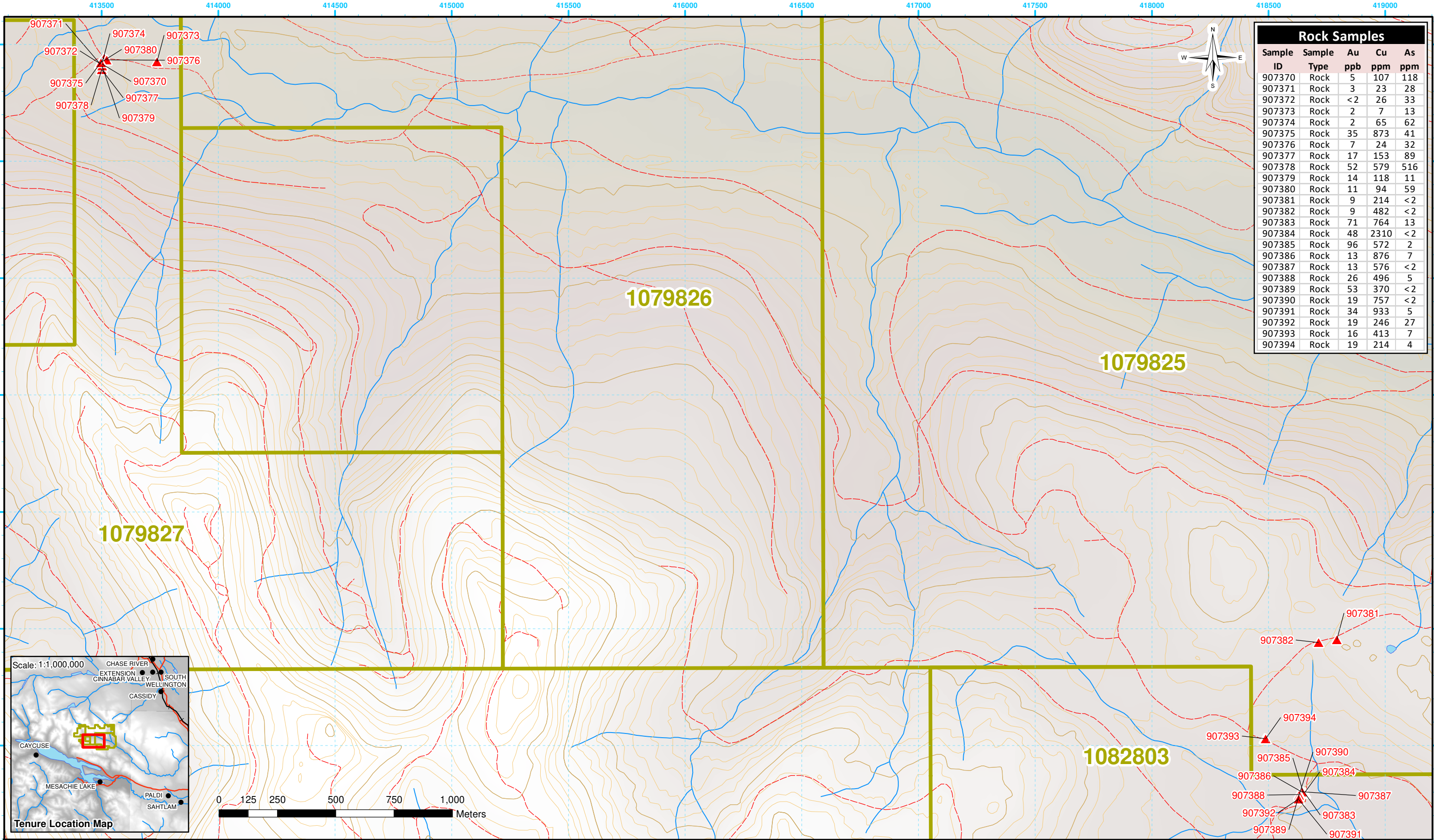
Statement of Costs

Appendix I.

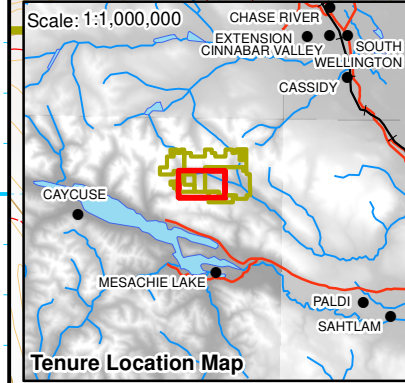
Exploration Work type	Comment	Days		
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*
Jacques Houle P. Geo	June 02, 2021	01	\$1000.00	\$1000.00
Andrew Molnar Crew Chief	May 27 – June 16, 2021	21	\$600.00	\$12600.00
Lyle Gregory Field Crew	May 27 – June 16, 2021	21	\$500.00	\$10500.00
Stuart Molnar Field Crew	June 08 – June 16, 2021	09	\$500.00	\$4500.00
Andrew Lum Field Crew	June 08 – June 16, 2021	09	\$500.00	\$4500.00
				\$33100.00
Office Studies	List Personnel (note - Office only, do not include field days)			
Literature search	Derrick Strickland P. Geo	1.0	\$500.00	\$500.00
Database compilation	Ana Sirbu GIS	1.0	\$500.00	\$500.00
Computer modelling	Ana Sirbu GIS	3.0	\$500.00	\$1500.00
Reprocessing of data			\$0.00	\$0.00
General research			\$0.00	\$0.00
Report preparation	Derrick Strickland P. Geo.	8.0	\$500.00	\$4000.00
Other (specify)				
				\$6500.00
Ground Exploration Surveys	Area in Hectares/List Personnel			
Geological mapping				
Reconnaissance		Captured in Personal field expenditures above		
Prospect				
Trenches				\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal
Stream sediment	37	37	\$31.29	\$1157.73
Soil	459	459	\$31.29	\$14362.11
Rock	25	25	\$32.86	\$821.63
				\$16341.47
Other Operations	Clarify	No.	Rate	Subtotal
Trenching			\$0.00	\$0.00
				\$0.00
Transportation		No.	Rate	Subtotal
ATV	1 -Honda ATV with trailer	21.00	\$110.00	\$2310.00
fuel		1.00	686.83	\$686.83
Ferry		6.00	\$483.35	\$483.35
Truck	3 - 4x4	26.00	\$175.00	\$4550.00
				\$8030.18
Accommodation & Food	Rates per day			
Hotel		61.00	\$100.00	\$6100.00
Meals		61.00	\$75.00	\$4575.00
				\$10675.00
Miscellaneous				
Access Fees	Forestry Road Access Fees	2.0	\$315.00	\$315.00
Job Preparation	Programme preparation	1.00	\$1349.25	\$1349.25
				\$1664.25
Equipment Rentals				
Radios	Radios	21.00	\$25.00	\$525.00
Other (Specify)	Consumables	1.00	\$580.79	\$580.79
				\$1105.79
Freight, samples		1.00	\$357.46	\$357.46
Management		1.00		\$2399.25
				\$2756.71
GST Paid			5%	\$1980.00
Total Expenditures				\$82153.40

Maps

Appendix II,



Rock Samples				
Sample ID	Sample Type	Au ppb	Cu ppm	As ppm
907370	Rock	5	107	118
907371	Rock	3	23	28
907372	Rock	<2	26	33
907373	Rock	2	7	13
907374	Rock	2	65	62
907375	Rock	35	873	41
907376	Rock	7	24	32
907377	Rock	17	153	89
907378	Rock	52	579	516
907379	Rock	14	118	11
907380	Rock	11	94	59
907381	Rock	9	214	<2
907382	Rock	9	482	<2
907383	Rock	71	764	13
907384	Rock	48	2310	<2
907385	Rock	96	572	2
907386	Rock	13	876	7
907387	Rock	13	576	<2
907388	Rock	26	496	5
907389	Rock	53	370	<2
907390	Rock	19	757	<2
907391	Rock	34	933	5
907392	Rock	19	246	27
907393	Rock	16	413	7
907394	Rock	19	214	4



Rock Sample Map

Sognidoro Property

Nanaimo Mining Division

Date: August 31, 2021

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:15,000

▲ Rock Sample Locations

● Population centre

■ Mineral Claims

— Paved roads

— Rough roads

— Loose roads

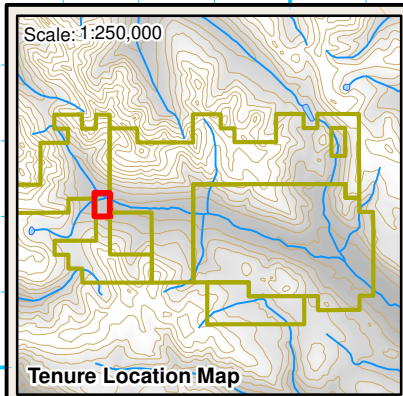
— Railway

— Lakes

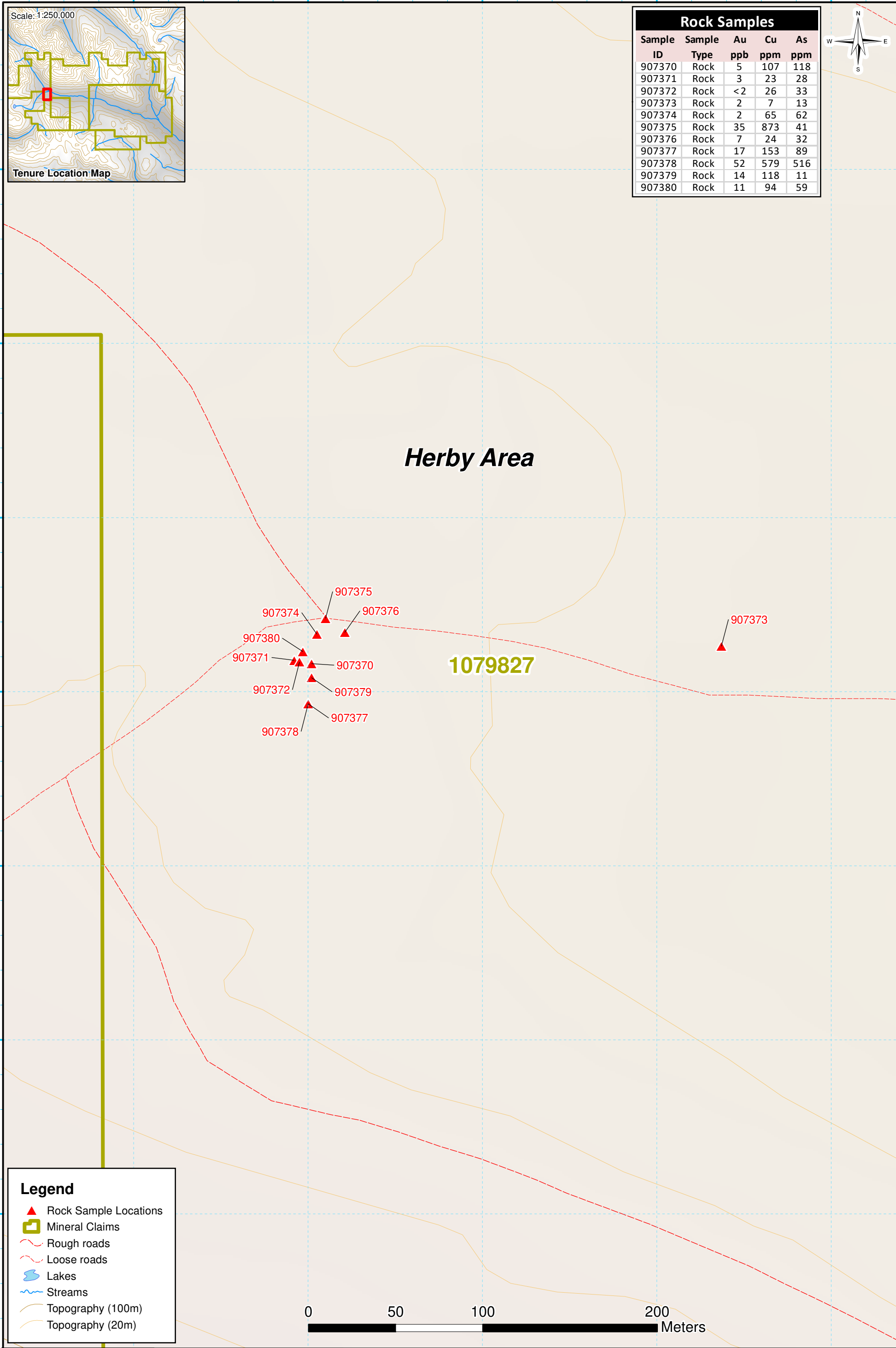
— Streams

— Topography (100m)

— Topography (20m)



Rock Samples				
Sample ID	Sample Type	Au ppb	Cu ppm	As ppm
907370	Rock	5	107	118
907371	Rock	3	23	28
907372	Rock	<2	26	33
907373	Rock	2	7	13
907374	Rock	2	65	62
907375	Rock	35	873	41
907376	Rock	7	24	32
907377	Rock	17	153	89
907378	Rock	52	579	516
907379	Rock	14	118	11
907380	Rock	11	94	59



Legend

Rock Sample Locations

Mineral Claims

Rough roads

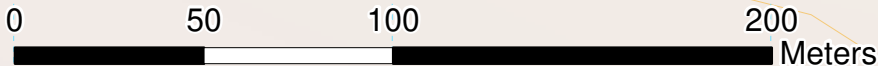
Loose roads

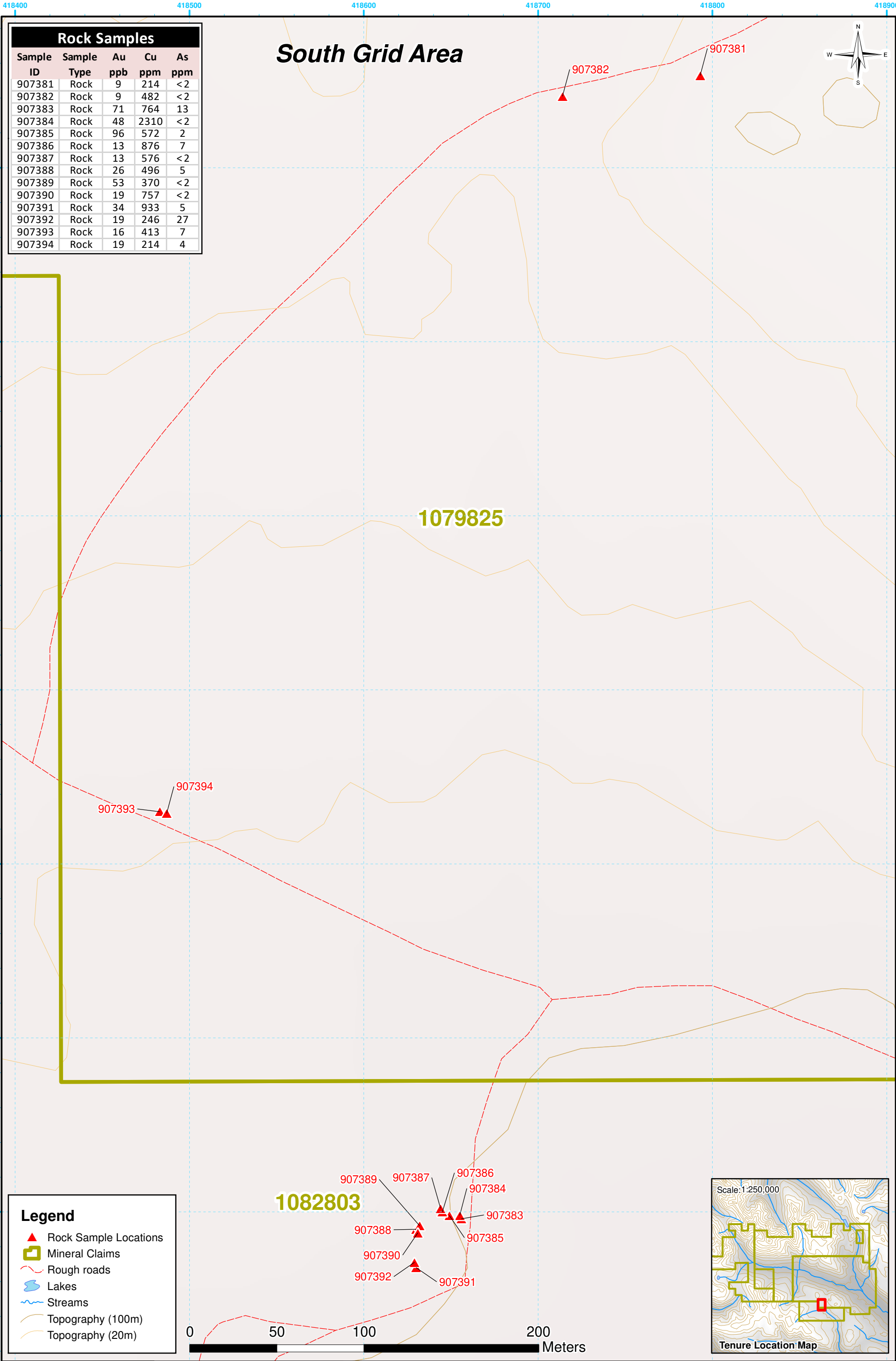
Lakes

Streams

Topography (100m)

Topography (20m)

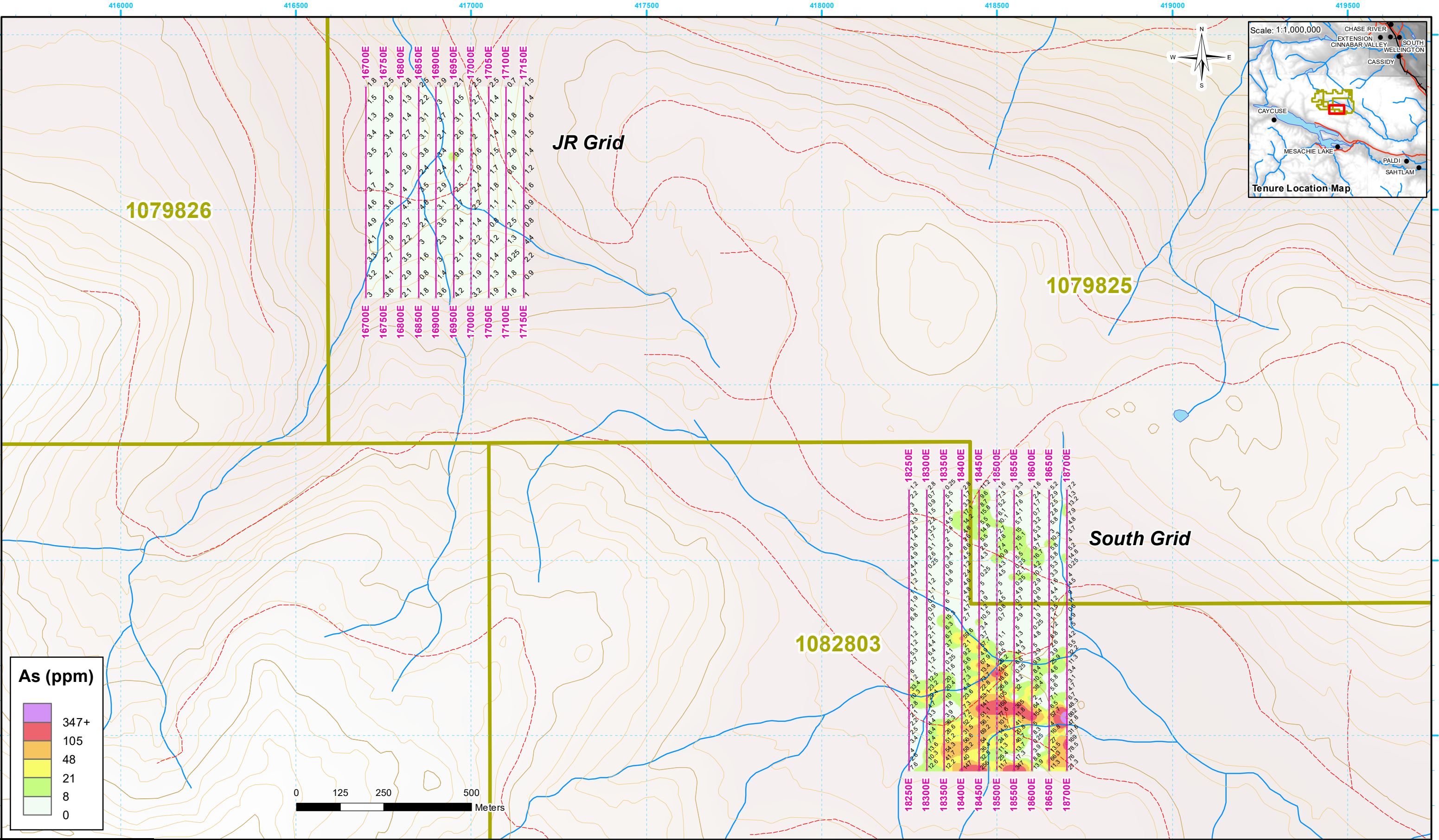




Rock Sample Map

Sognidoro Property
Nanaimo Mining Division

Date: August 31, 2021
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:2,000



Soil Sample Map

Sognidoro Property

Nanaimo Mining Division

Date: August 27, 2021

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:10,000

Soil Sample Location (As)

Grid

Mineral Claims

Paved roads

Rough roads

Loose roads

Railway

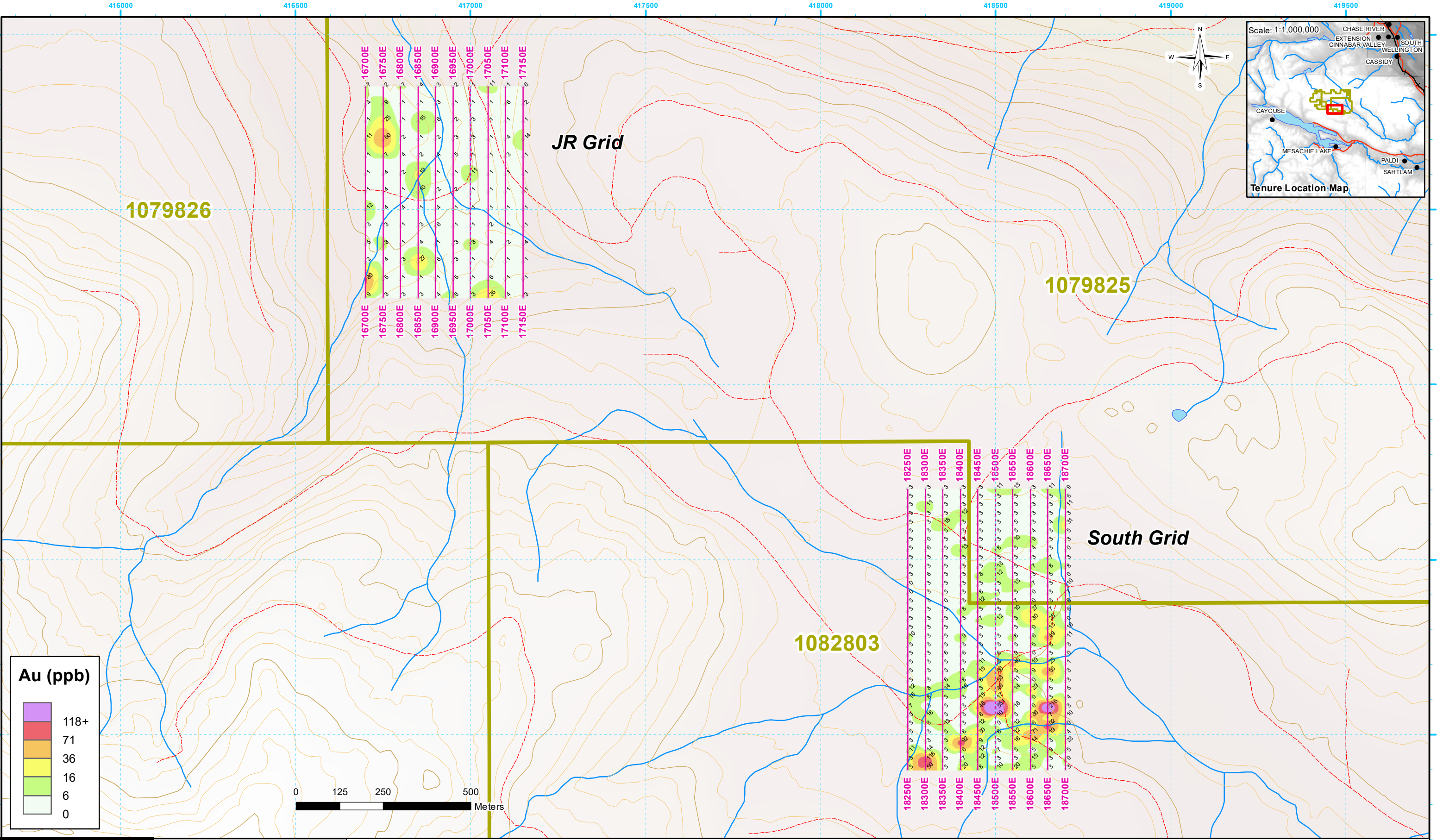
Lakes

Streams

Population centre

Topography (100m)

Topography (20m)



Soil Sample Map

Sognidoro Property

Nanaimo Mining Division

Date: August 27, 2021

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:10,000

○ Soil Sample Location (Au)

— Grid

■ Mineral Claims

— Paved roads

— Rough roads

— Loose roads

— Railway

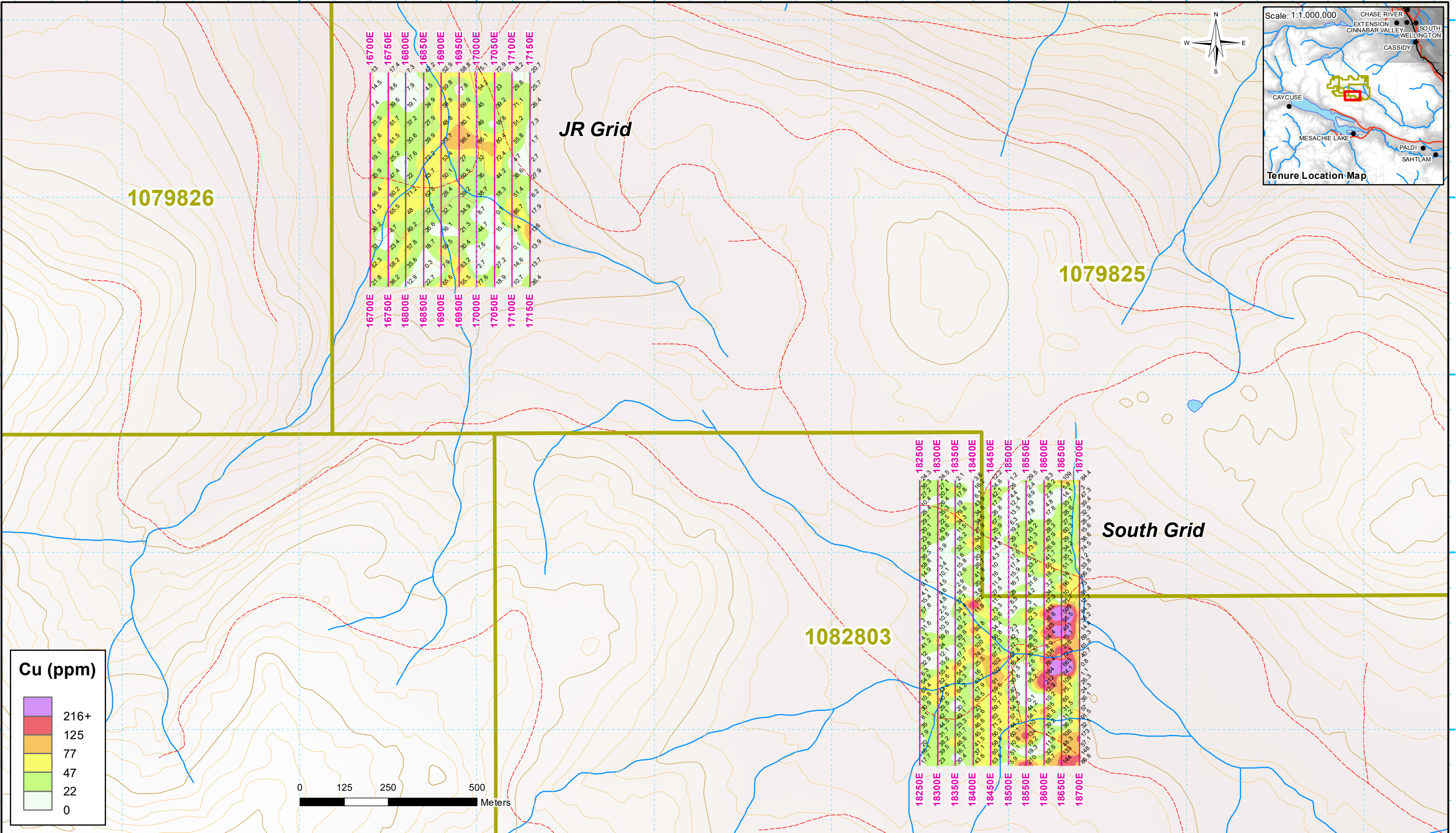
— Lakes

— Streams

● Population centre

— Topography (100m)

— Topography (20m)



Soil Sample Map

Sognidoro Property

Nanaimo Mining Division

Date: August 27, 2021

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:10,000

○ Soil Sample Location (Cu)

— Grid

■ Mineral Claims

— Paved roads

— Rough roads

— Loose roads

— Railway

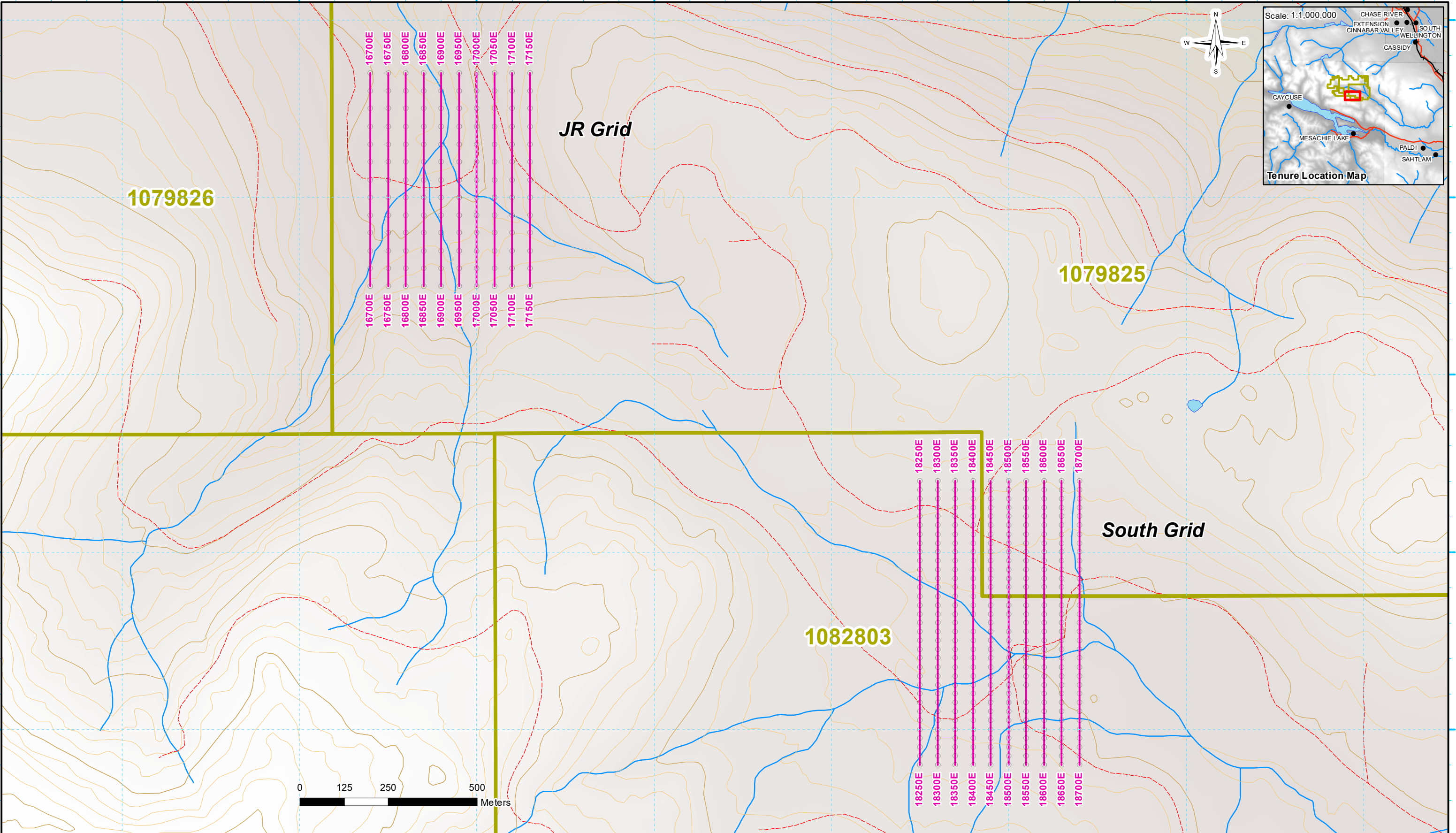
— Lakes

— Streams

● Population centre

— Topography (100m)

— Topography (20m)

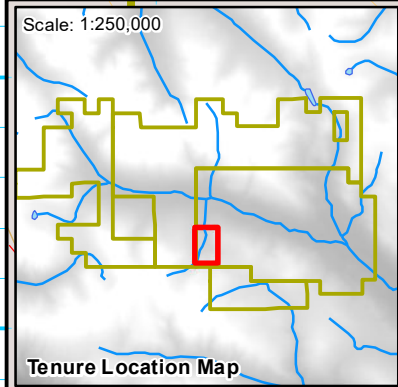
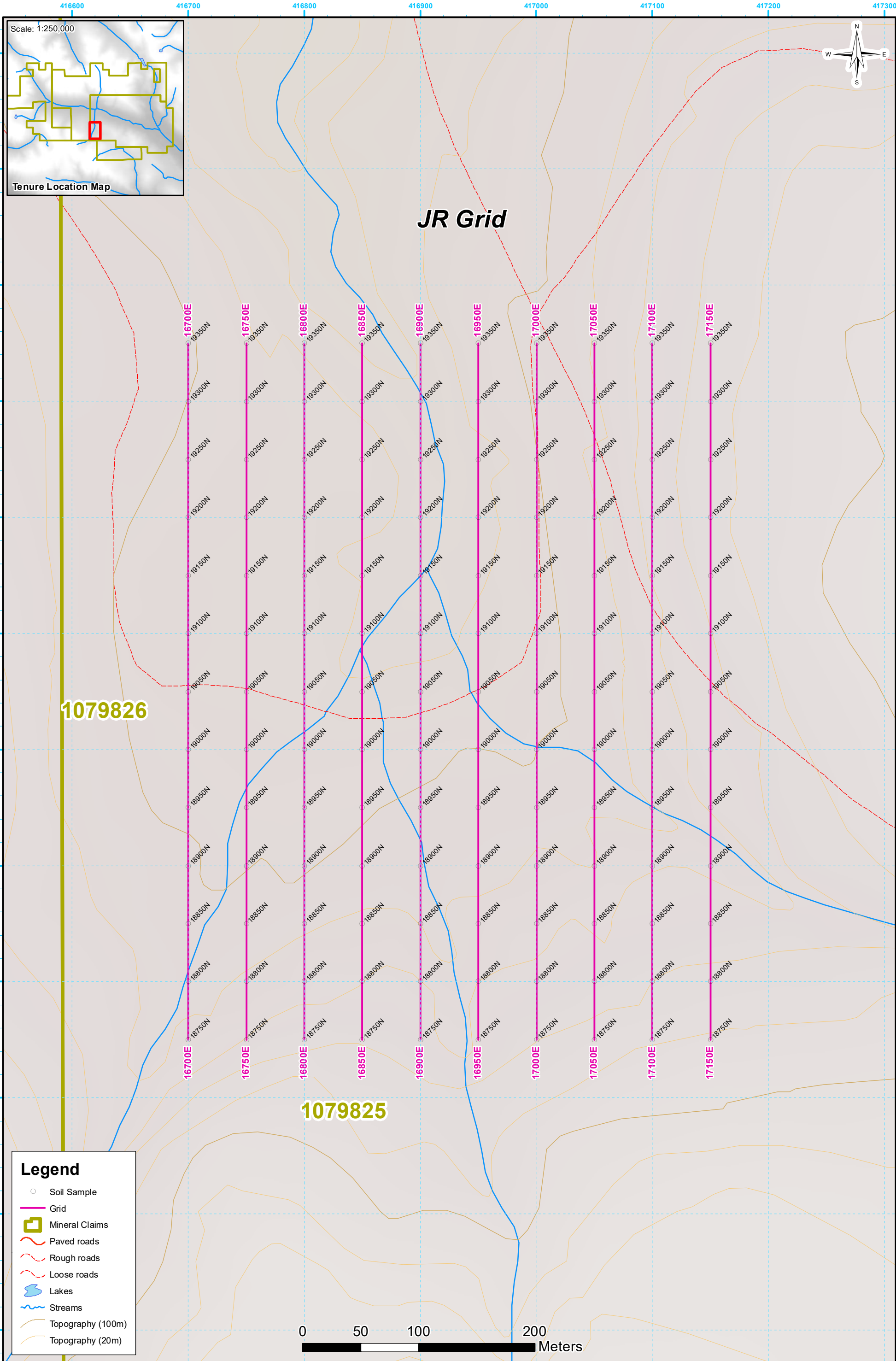


**Soil Sample Grids
Map**

Sognidoro Property
Nanaimo Mining Division

Date: August 22, 2021
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:10,000

- Soil Sample
- Grid
- Mineral Claims
- Paved roads
- Rough roads
- Loose roads
- Railway
- Lakes
- Streams
- Population centre
- Topography (100m)
- Topography (20m)



Legend

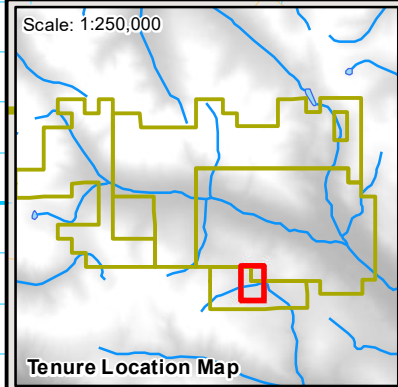
- Soil Sample
- Grid
- Mineral Claims
- Paved roads
- Rough roads
- Loose roads
- Lakes
- Streams
- Topography (100m)
- Topography (20m)



Soil Sample ID Map

Sognidoro Property
Nanaimo Mining Division

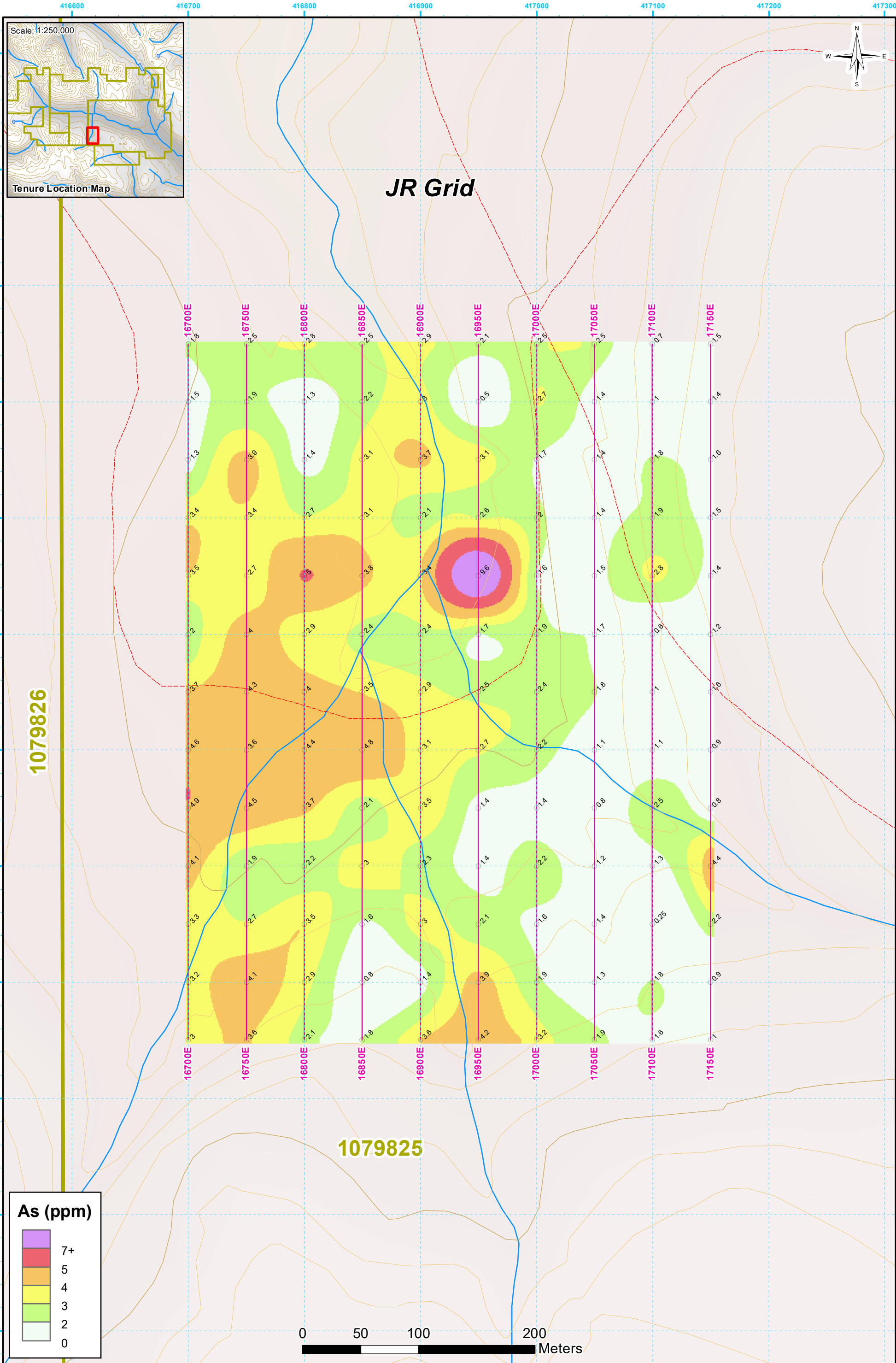
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Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:3,000



Legend

- Soil Sample
- Grid
- Mineral Claims
- Paved roads
- Rough roads
- Loose roads
- Lakes
- Streams
- Topography (100m)
- Topography (20m)

Soil Sample ID Map		Date: August 22, 2021
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.
		Scale: 1:3,000



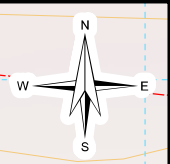
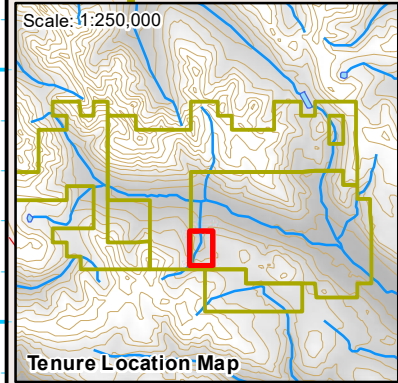
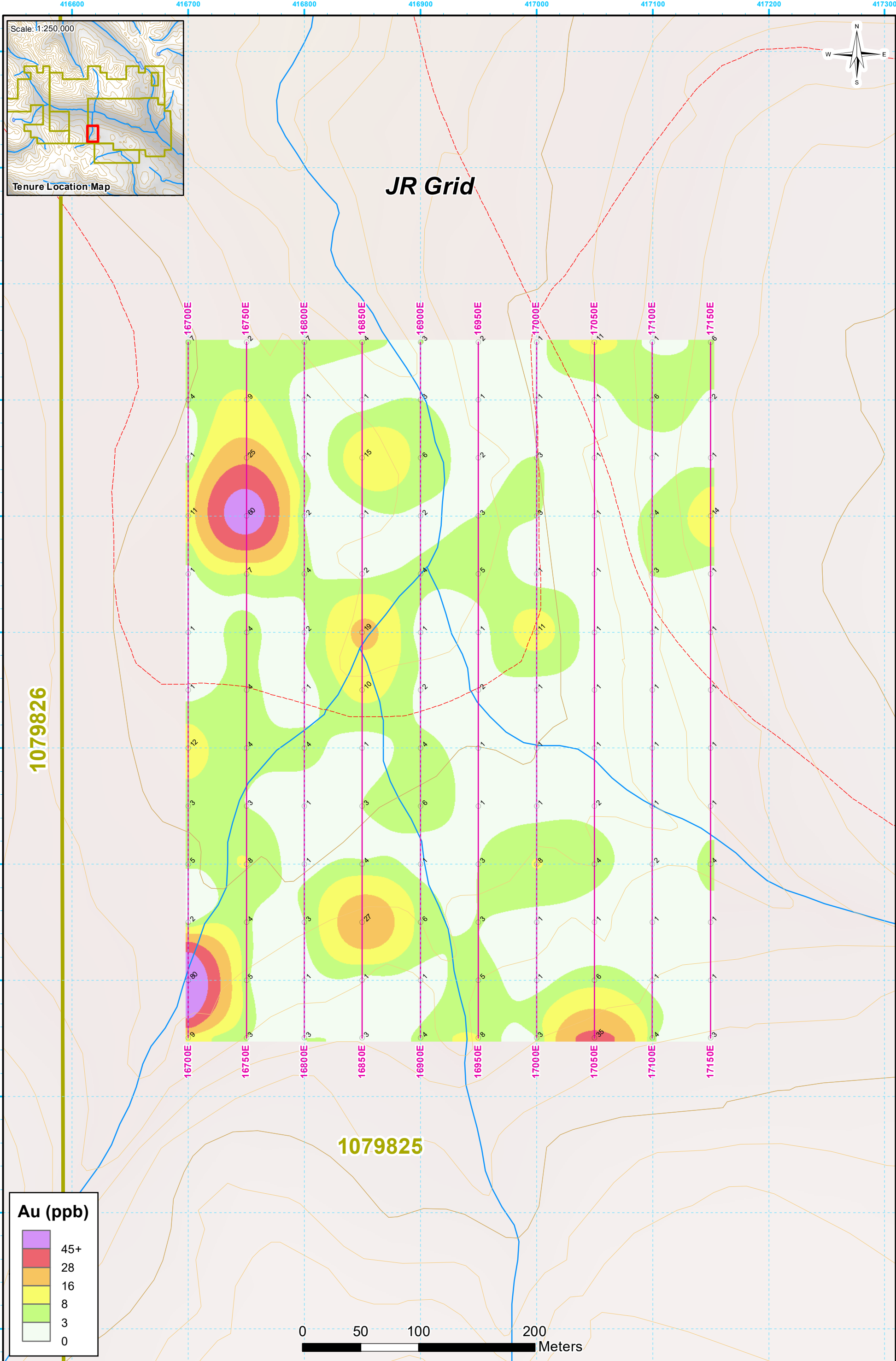
Soil Sample Map

Sognidoro Property

Nanaimo Mining Division

Date: August 26, 2021
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:3,000

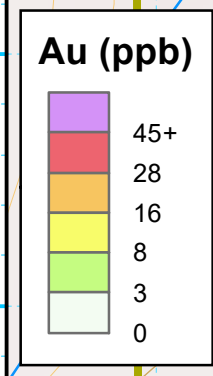
Soil Sample Location (As)
Grid
Mineral Claims
Paved roads
Rough roads
Loose roads
Lakes
Streams
Topography (100m)
Topography (20m)



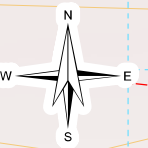
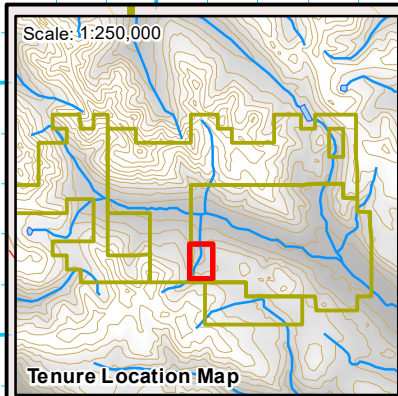
JR Grid

1079826

1079825



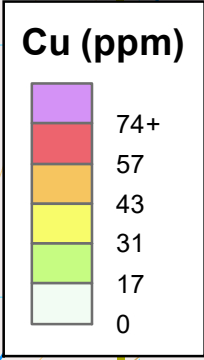
Soil Sample Map	Sognidoro Property	Date: August 26, 2021	Soil Sample Location (Au) Grid Mineral Claims	Paved roads	Lakes Streams Topography (100m) Topography (20m)
	Nanaimo Mining Division	Datum: NAD 1983 UTM Zone 10N		Rough roads	
	Prepared by: A. Sirbu, Rio Minerals Ltd.	Loose roads			
		Scale: 1:3,000			



JR Grid

1079826

1079825



Soil Sample Map

Sognidoro Property

Nanaimo Mining Division

Date: August 26, 2021

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

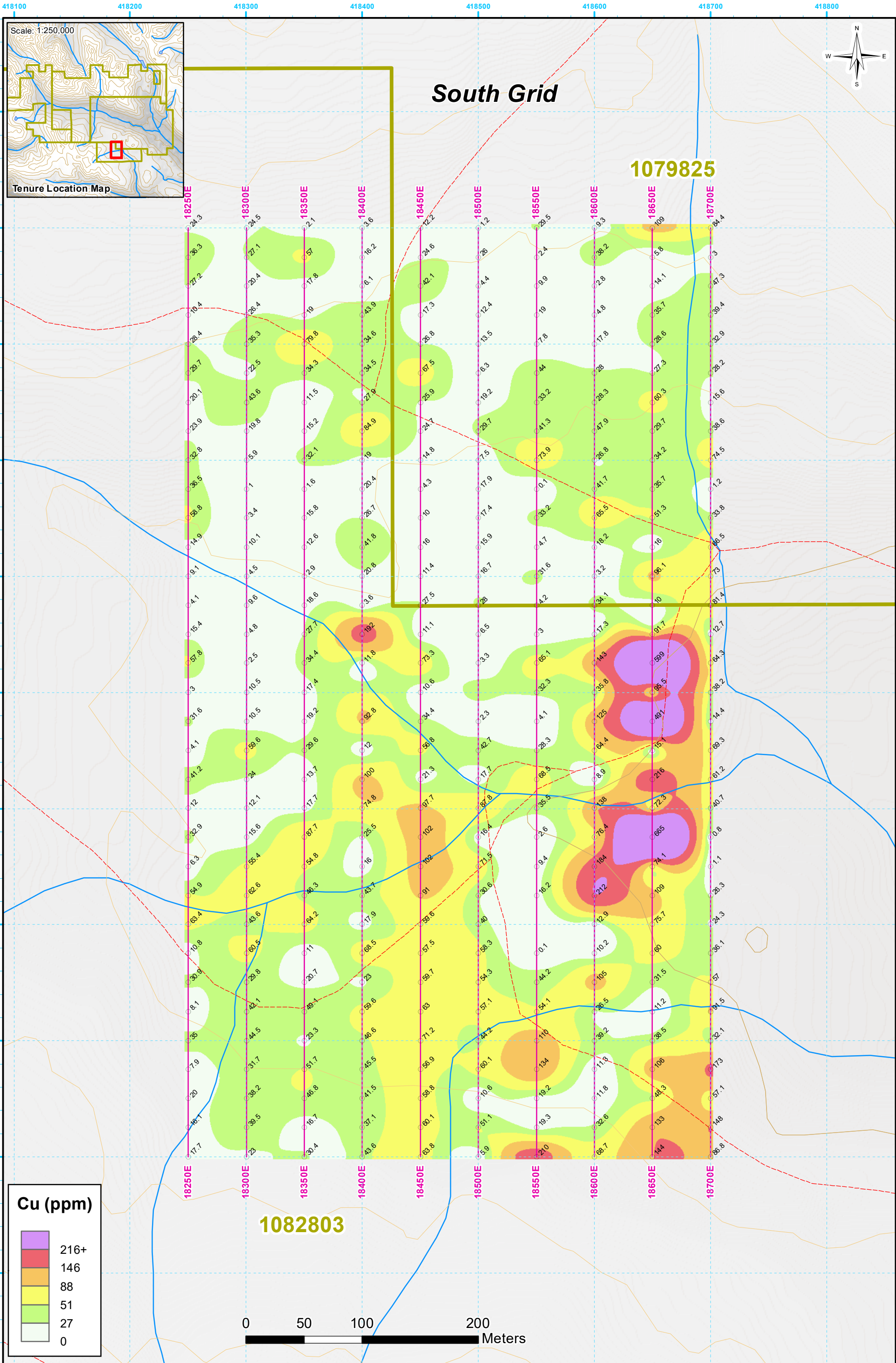
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- Soil Sample Location (Cu)

Grid

Mineral Claims
- Paved roads
- Rough roads
- Loose roads

 Lakes Streams Topography (100m) Topography (20m)



Soil Sample Map

Sognidoro Property

Nanaimo Mining Division

Date: August 27, 2021

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:3,000

○ Soil Sample Location (Cu)

Grid

Mineral Claims

Paved roads

Rough roads

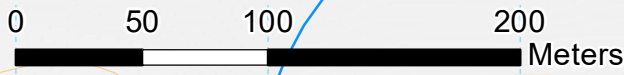
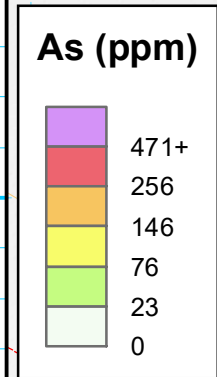
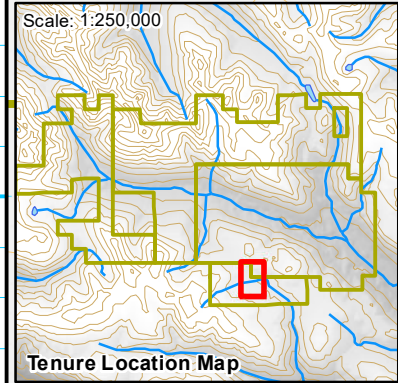
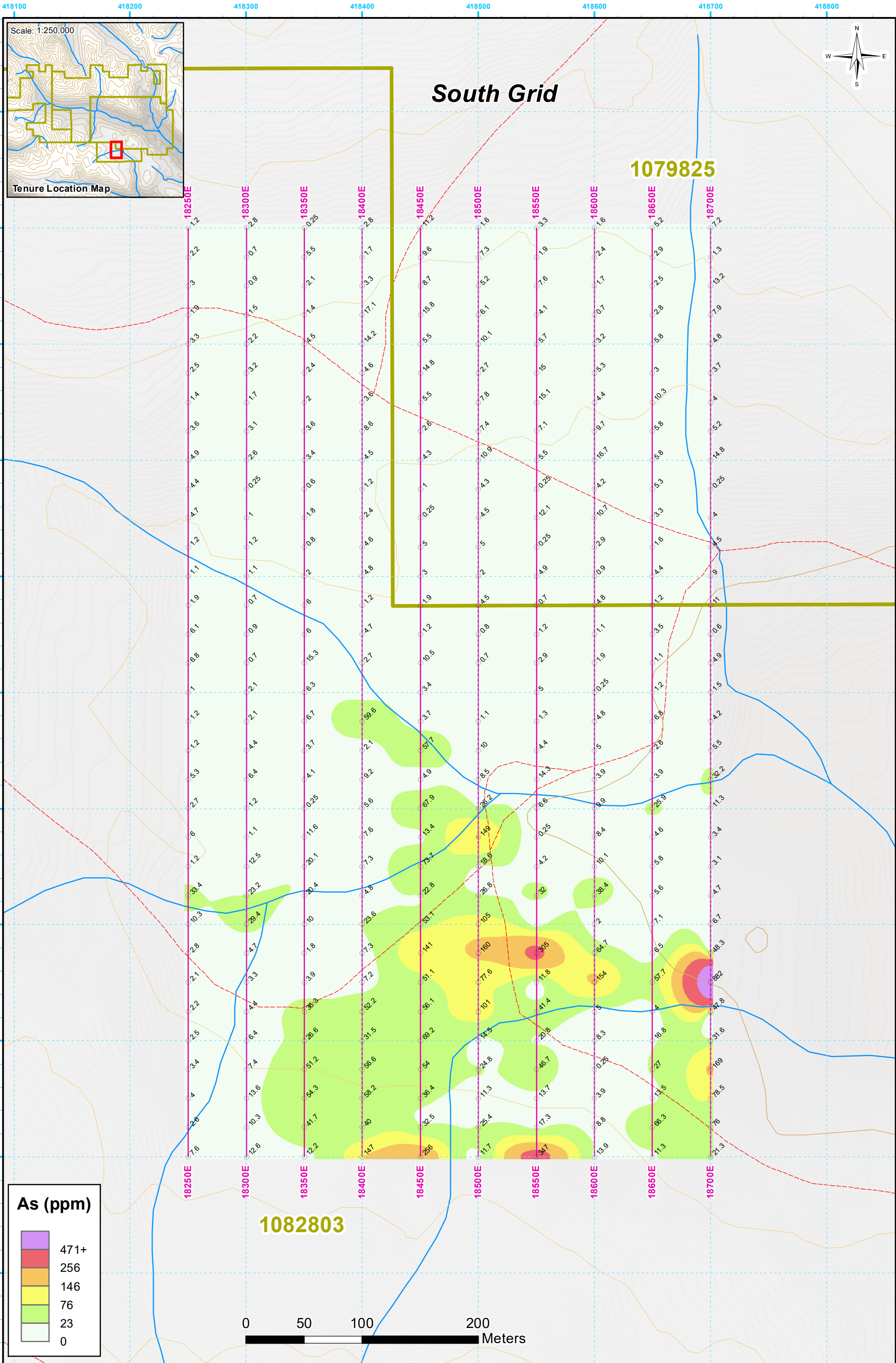
Loose roads

Lakes

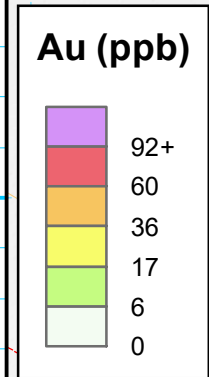
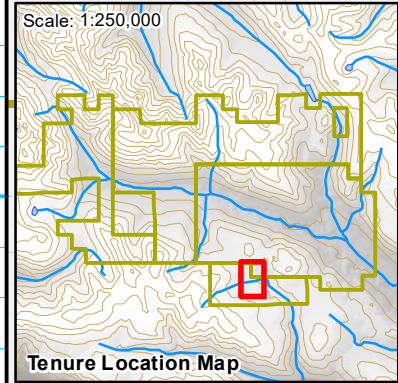
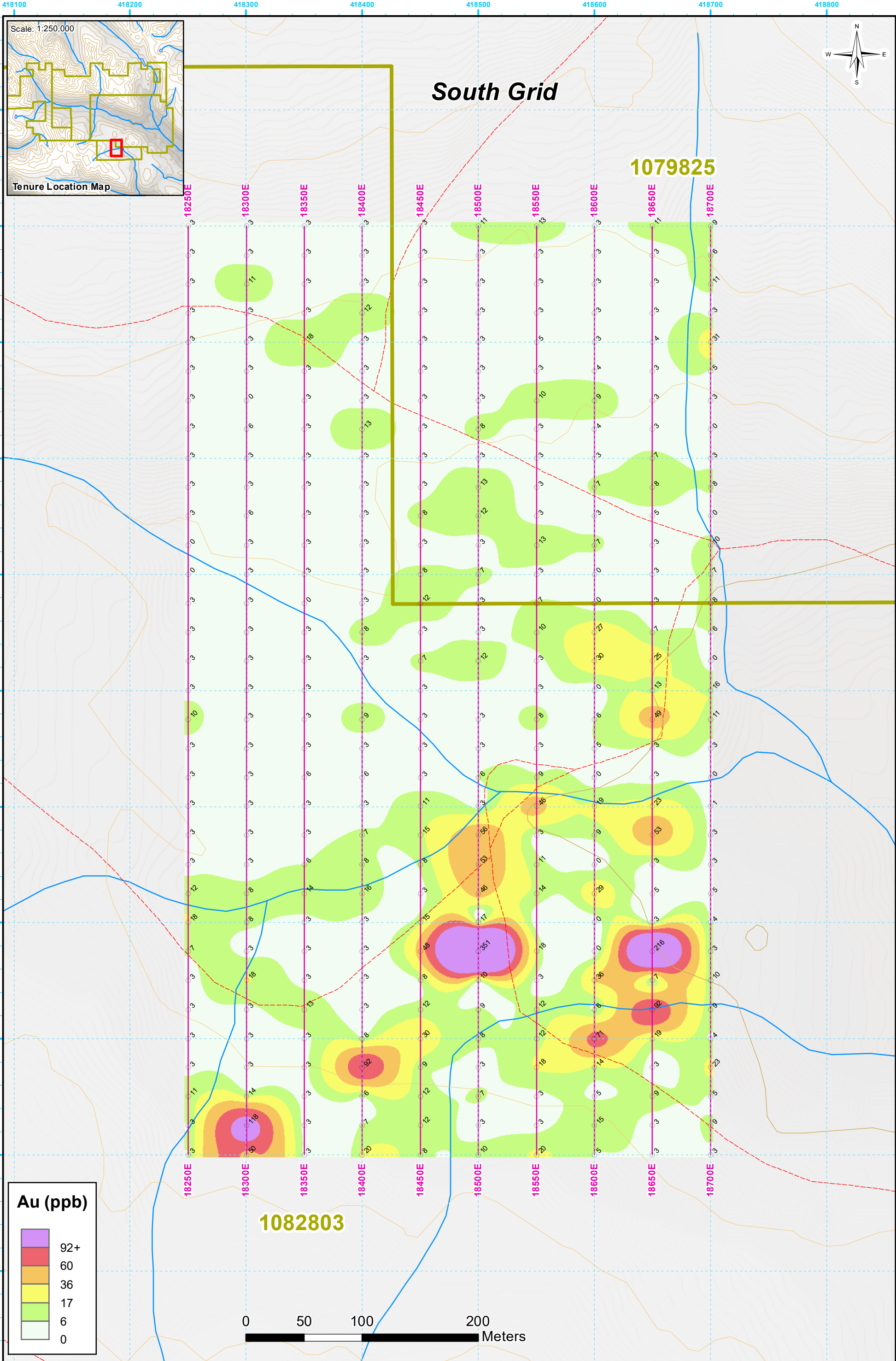
Streams

Topography (100m)

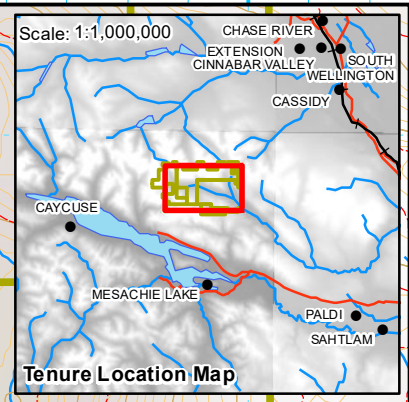
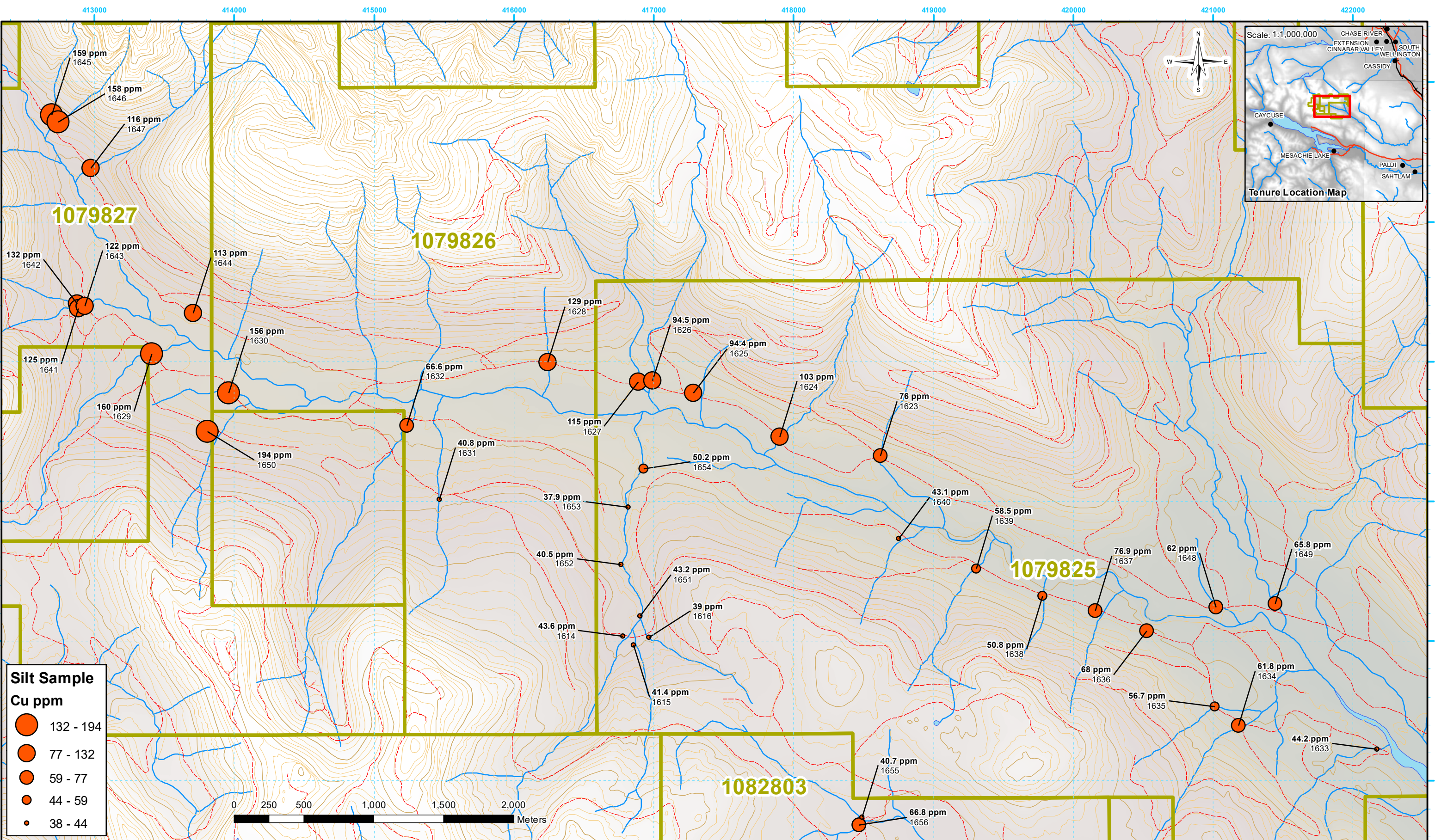
Topography (20m)

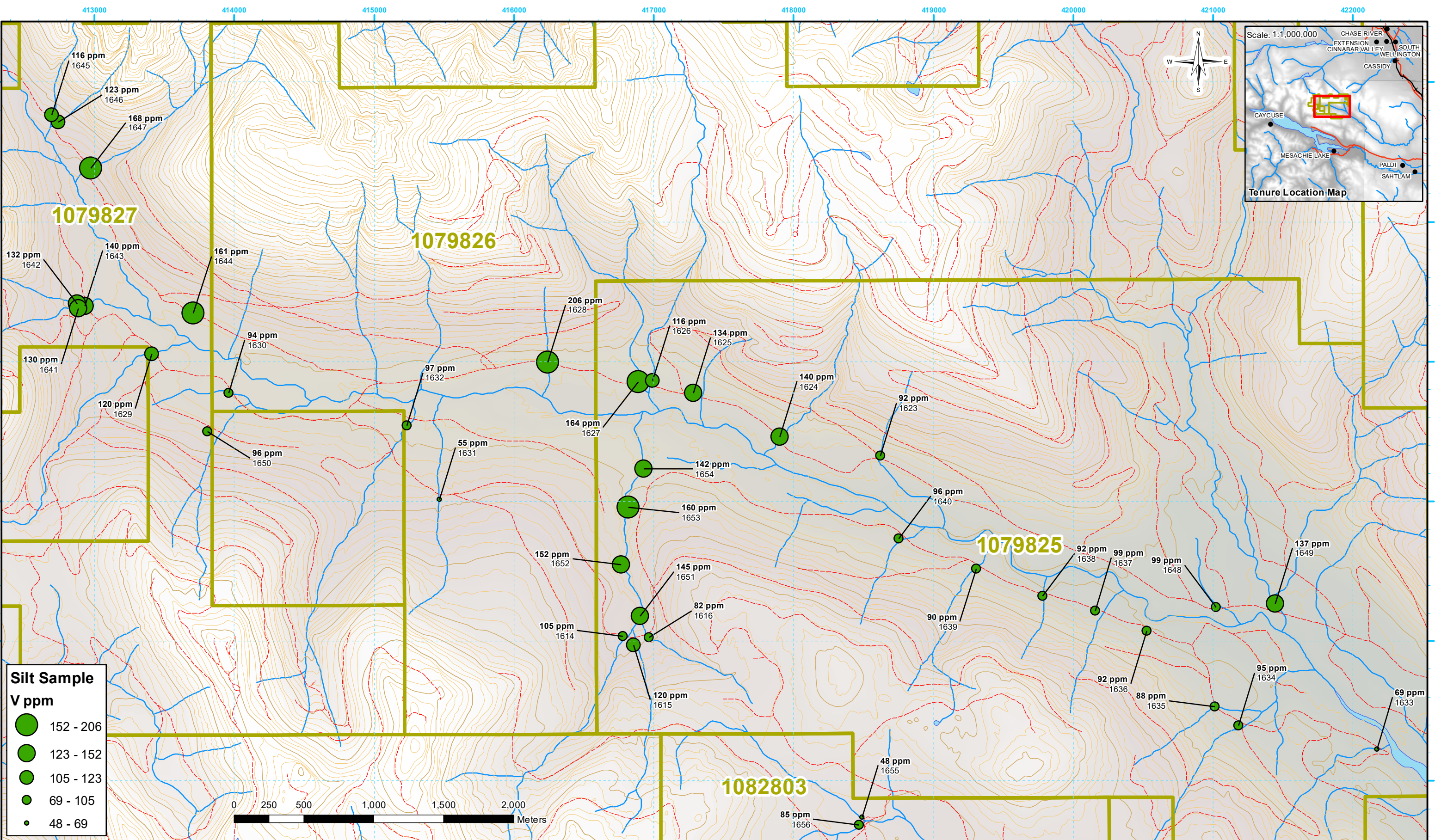


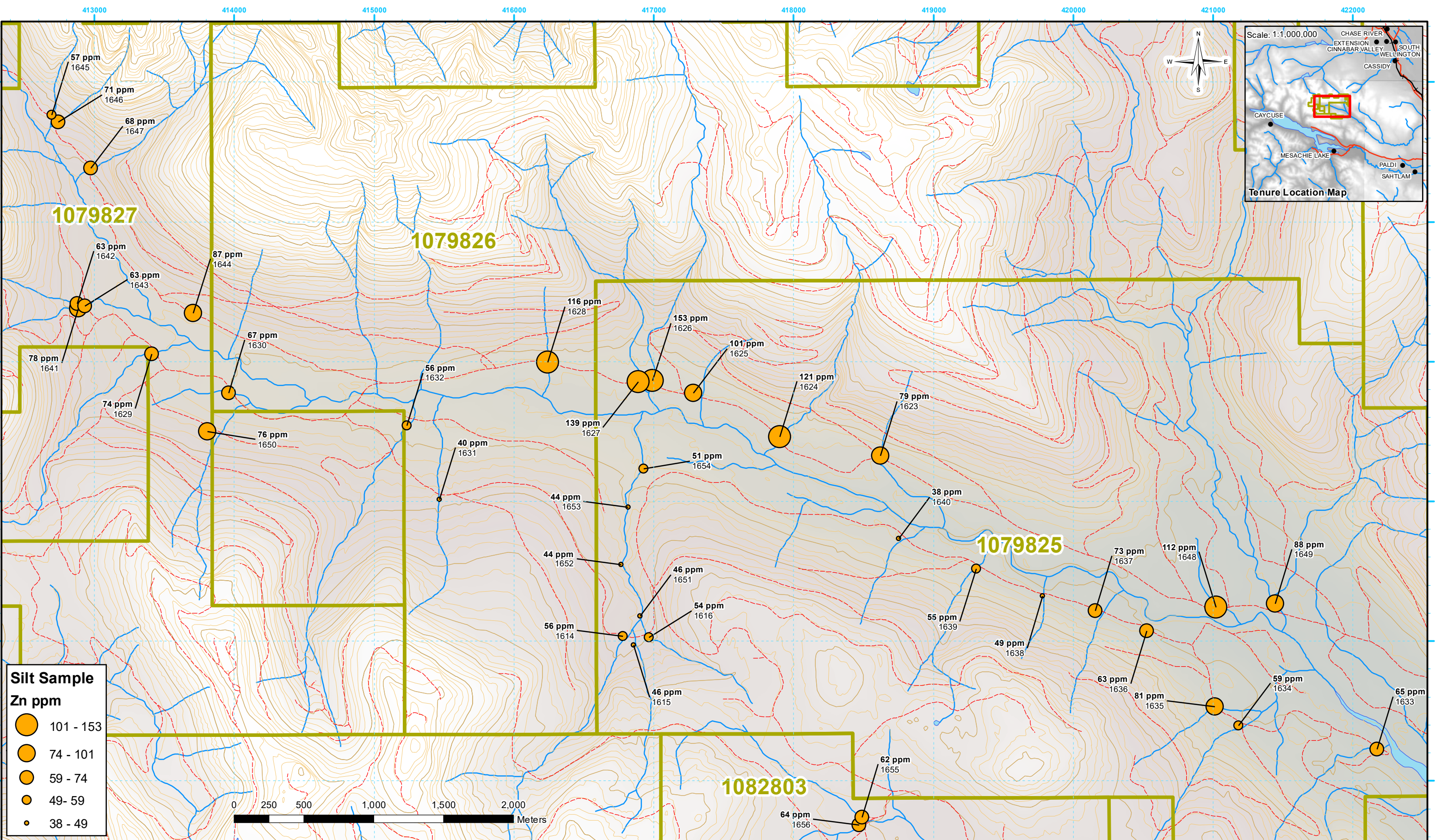
Soil Sample Map	Sognidoro Property	Date: August 27, 2021	○ Soil Sample Location (As)	Paved roads	Lakes
	Nanaimo Mining Division	Datum: NAD 1983 UTM Zone 10N	Grid	Rough roads	Streams
		Prepared by: A. Sirbu, Rio Minerals Ltd.	Mineral Claims	Loose roads	Topography (100m)
		Scale: 1:3,000		Topography (20m)	



Soil Sample Map	Sognidoro Property	Date: August 27, 2021	○ Soil Sample Location (Au)	Paved roads	Lakes
	Nanaimo Mining Division	Datum: NAD 1983 UTM Zone 10N	Grid	Rough roads	Streams
		Prepared by: A. Sirbu, Rio Minerals Ltd.	Mineral Claims	Loose roads	Topography (100m)
		Scale: 1:3,000		Topography (20m)	





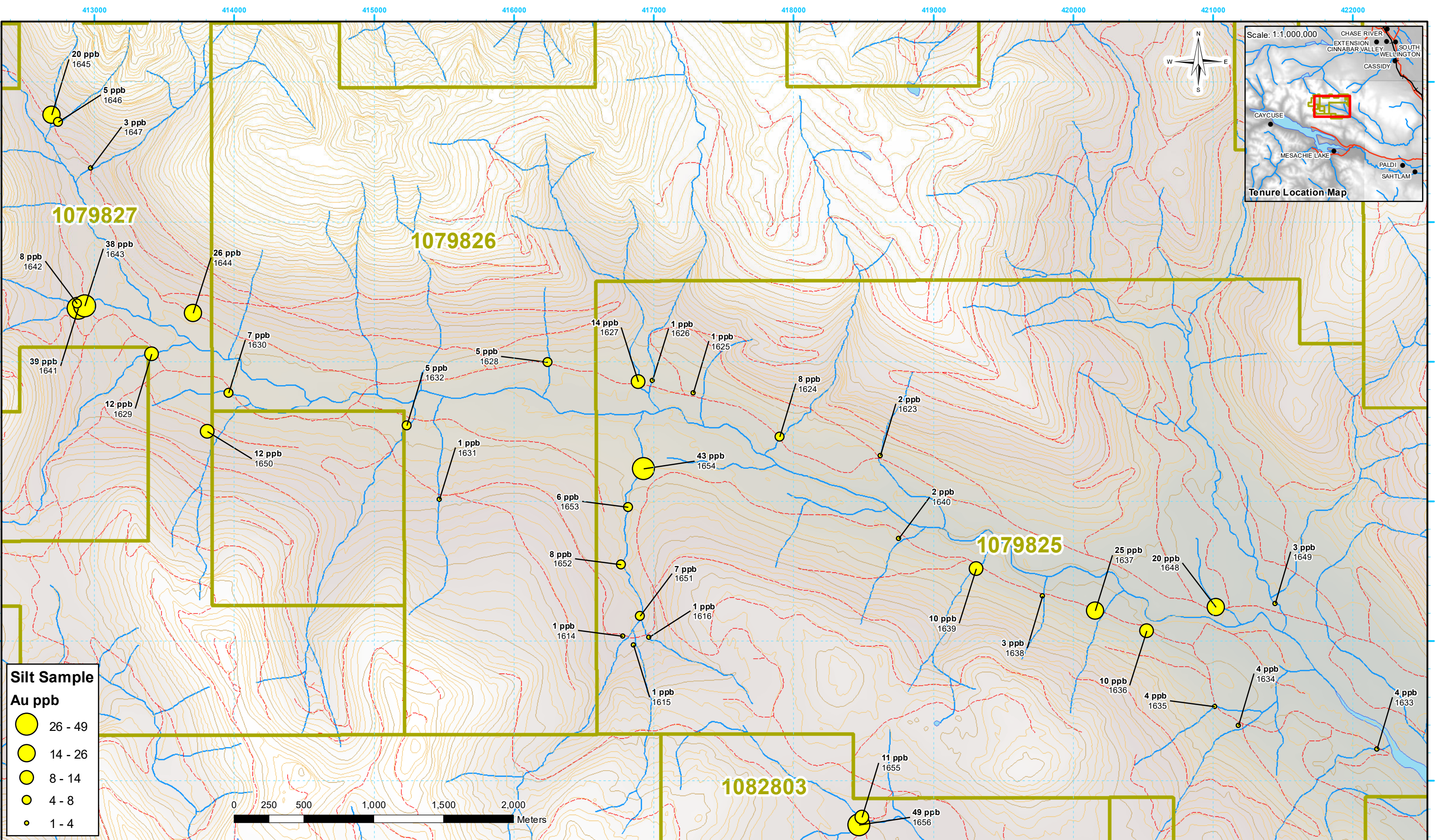


Silt Sample ID Map

Zn ppm

- 101 - 153
- 74 - 101
- 59 - 74
- 49- 59
- 38 - 49

Silt Sample ID Map	Sognidoro Property	Date: September 3, 2021	- Population centre - Mineral Claims - Railway - Paved roads - Rough roads - Loose roads - Lakes - Streams - Topography (100m) - Topography (20m)
	Nanaimo Mining Division	Datum: NAD 1983 UTM Zone 10N	
		Prepared by: A. Sirbu, Rio Minerals Ltd.	
		Scale: 1:25,000	



Silt Sample ID Map

Au ppb

- 26 - 49
- 14 - 26
- 8 - 14
- 4 - 8
- 1 - 4

Sample Notes and Assays

Appendix III

2021 Rock Samples Notes and Assays

Sample_ID	I_D_	Easting_NA	Northing_N	Elev__m	Sample_Typ	Lithology	Alteration	Mineraliza	Comments	Au ppb	Ag ppm	Cd ppm	Cu ppm	Mn ppm	Mo ppm	Ni ppm
907370	W-21	413502	5420916	533	outcrop	meta sediment	50% silica, 50% calcite	0.1% py, chalco, sphalerite	Qtz vein in chert. 15 cm chip. 180/50	5	< 0.2	< 0.5	107	1150	10	27
907371	W-21	413492	5420918	530	outcrop	meta sediment	50% silica 5% clacite	0.1% py + sphalerite, chalco	40 cm chip of metaseds with qtz vein in chert. 160/165	3	< 0.2	< 0.5	23	918	< 1	11
907372	W-21	413495	5420917	530	outcrop	meta sediment	50% qtz, 10% adularia, 5% calcite	0.1% py + shalerite and chalco	40 cm chip of qtz vein w/boxwork. Fe oxide weathering. West Pit floor. 015/090, 150/040	< 2	< 0.2	< 0.5	26	1030	5	13
907373	W-21	413737	5420926	523	outcrop	meta sediment	50% qtz, 15% adularia, 5% calcite	0.1% py + shalerite and chalco	90 cm chip of qtz/adularia, calcite vein with boxwork textures. 030/090, Foliation 225/070.	2	< 0.2	< 0.5	7	1270	1	9
907374	W-21	413505	5420933	530	outcrop	meta sediment	50% qtz, 10% adularia, 5% calcite	0.2% py + shalerite and chalco	75 cm chip. Same zone sa 72-73. Fe oxide weathering. Qtz/adularia, calcite vein with boxwork textures. 210/075. Foliation 000/055.	2	< 0.2	< 0.5	65	1350	2	10
907375	W-21	413510	5420942	527	outcrop	meta sediment	10% silica	10% py + shalerite and chalco	25 cm chip. Mafic dyke with sulphide zone. 045/090. NE end of pit floor along strike with 72, 73, and 74.	35	0.6	< 0.5	873	1460	14	31
907376	W-21	413521	5420934	526	outcrop	meta sediment	50% silica,10% adularia	0.5% py, chalco, sphalerite	30 cm chip taken in SE pit wall. 170/90. Fe ox weathering.	7	< 0.2	< 0.5	24	1140	2	15
907377	W-21	413500	5420893	543	outcrop	meta sediment	quartz, calcite, chlorite, limonite	pyrite, chalcopyrite	50 cm chip of glassy clear and black qtz vein in pit wall. Minor pyrite as disseminations. 132/052SE.	17	0.3	< 0.5	153	1640	4	14
907378	W-21	413500	5420893	543	outcrop	meta sediment	quartz, calcite, chlorite, limonite	pyrite, chalcopyrite	25 cm chip across dyke above glassy qtz vein. Chert w/silica. 5% pyrtie as blebs, dissem and stringers. Rusty weathing on surface, minor qtz stringers.	52	1.3	< 0.5	579	1130	265	110
907379	W-21	413502	5420908	528	outcrop	meta sediment	quartz, calcite, chlorite, limonite	pyrite	12 cm chip taken 10 m west of 77 & 78. Metaseds with minor 1% pyrite as blebs, stringers, and dissem. Taken in pit wall.	14	< 0.2	< 0.5	118	1200	5	23
907380	W-21	413497	5420923	524	outcrop	meta sediment	quartz, calcite, chlorite, limonite	pyrite	grab of outcrop from pit floor. Qtz/calcite w/bands and pods of pyrite and arseno. Mild rusty weathering on surface.	11	0.2	< 0.5	94	1130	3	18
907381	W-21	418793	5418453	792	outcrop	meta sediment	quartz, calcite, chlorite, limonite	pyrite	70 cm chip of silica rich chert w/5% pyrite as dissem and veinlets. 108/015SE.	9	< 0.2	< 0.5	214	558	2	12
907382	W-21	418714	5418441	783	sub crop	diorite, coarse grain plagioclase phenocrysts	hemetite, silica veinlets	5% massive pyrite	Grab of large angular rusty boulder. 1m x 70 cm x 60cm h. 5% pyrite, massive, disseminated and in veinlets. Silica flooded. Moderately magnetic.	9	0.3	< 0.5	482	322	5	8
907383	W-21	418656	5417796	700	sub crop	diorite	calcite veining, sheeted, stringers	pyrite 20%	Grab of course grained py 20%. Fine-grained chalco 0.5%. Vuggy qtz veining.	71	0.8	< 0.5	764	680	< 1	17
907384	W-21	418655	5417798	703	grab bedrock	diorite, coarse grain plagioclase phenocrysts	quartz, calcite, chlorite, pyrolusite, epidote	pyrite, chalcopyrite, galena	15% pyrite, 0.2% chalcopyrite (fine grain), trace galena, east-west trending late quartz veins cut earlier north-south trending veins	48	0.5	< 0.5	2310	398	< 1	8
907385	W-21	418649	5417798	703	bedrock	diorite, coarse grain plagioclase phenocrysts	quartz, calcite, chlorite, pyrolusite, epidote	pyrite, chalcopyrite, galena	12% pyrite, 0.1% chalcopyrite (fine grain), trace galena, east-west trending late quartz veins cut earlier north-south trending veins	96	0.3	< 0.5	572	438	2	16
907386	W-21	418645	5417800	710	bedrock	diorite, coarse grain plagioclase phenocrysts	quartz, calcite, chlorite, pyrolusite, epidote	pyrite, chalcopyrite, galena	12% pyrite, 0.1% chalcopyrite (fine grain), trace galena, east-west trending late quartz veins cut earlier north-south trending veins	13	0.7	< 0.5	876	252	1	22
907387	W-21	418644	5417802	710	bedrock	diorite, coarse grain plagioclase phenocrysts	quartz, calcite, chlorite, pyrolusite, epidote	pyrite, chalcopyrite	4% pyrite, 0.1% chalcopyrite, crackle texture, coarse grain pyrite rimming edges of quartz vein contacts	13	0.2	< 0.5	576	249	2	25
907388	W-21	418630	5417790	710	grab bedrock	diorite, coarse grain plagioclase phenocrysts	quartz, calcite, chlorite, pyrolusite, epidote	pyrite, chalcopyrite	4% pyrite, 0.1% chalcopyrite, crackle texture, coarse grain pyrite rimming edges of quartz vein contacts	26	0.2	< 0.5	496	255	1	15
907389	W-21	418632	5417792	709	grab bedrock	diorite, coarse grain plagioclase phenocrysts	quartz, calcite, chlorite, pyrolusite, epidote	pyrite, chalcopyrite	4% pyrite, 0.1% chalcopyrite, crackle texture, coarse grain pyrite rimming edges of quartz vein contacts	53	0.2	< 0.5	370	624	< 1	8
907390	W-21	418631	5417788	712	grab bedrock	diorite, coarse grain plagioclase phenocrysts	quartz, calcite, chlorite, pyrolusite, epidote	pyrite, chalcopyrite	4% pyrite, 0.1% chalcopyrite, crackle texture, coarse grain pyrite rimming edges of quartz vein contacts	19	0.4	< 0.5	757	198	2	6
907391	W-21	418630	5417768	708	bedrock	diorite, coarse grain plagioclase phenocrysts	quartz, calcite, chlorite, pyrolusite, epidote	pyrite, chalcopyrite	20% pyrite, 0.3% chalcopyrite, diorite host rock has 1-4 mm plagioclase phenocrysts, strong chlorite alteration	34	0.5	< 0.5	933	773	< 1	23
907392	W-21	418629	5417771	708	bedrock	diorite, coarse grain plagioclase phenocrysts	quartz, calcite, chlorite, pyrolusite, epidote	pyrite	5% pyrite, trace chalcopyrite, quartz veining is vuggy, minor slickensides developed along NW trending, steep dip fault trace	19	< 0.2	< 0.5	246	1110	< 1	22
907393	W-21	418483	5418030	727	bedrock	arenaceous metasediment	quartz, calcite, chlorite, pyrolusite, epidote	pyrite	4% pyrite in NW trending, steep dip siliceous band hosted in arenaceous metasediment (greywacke protolith)	16	0.5	< 0.5	413	612	15	13
907394	W-21	418487	5418029	727	bedrock	arenaceous metasediment	quartz, calcite, chlorite, pyrolusite, epidote	pyrite	4% pyrite in NW trending, steep dip siliceous band hosted in arenaceous metasediment (greywacke protolith)	19	0.3	< 0.5	214	516	2	16

2021 Rock Samples Notes and Assays

Sample_ID	Pb ppm	Zn ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Co ppm	Cr ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Na %	P %	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Th ppm	Te ppm	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zr ppm
907370	< 2	46	0.45	118	< 10	59	< 0.5	3	9.77	13	4	4.22	< 10	< 1	0.22	< 10	3.24	0.02	0.009	0.17	17	3	414	< 0.01	< 20	< 1	< 2	< 10	16	< 10	8	2
907371	< 2	34	0.73	28	< 10	191	< 0.5	< 2	8.4	8	4	4.1	< 10	< 1	0.22	< 10	2.97	0.022	0.03	0.06	7	10	284	< 0.01	< 20	2	< 2	< 10	37	< 10	9	1
907372	< 2	31	0.6	33	< 10	131	< 0.5	< 2	9.13	8	3	4.31	< 10	< 1	0.27	< 10	3.05	0.02	0.012	0.07	10	4	372	< 0.01	< 20	3	< 2	< 10	20	< 10	9	2
907373	< 2	42	0.4	13	< 10	346	< 0.5	< 2	> 10.0	3	2	5.33	< 10	< 1	0.2	< 10	4.57	0.019	0.008	0.07	4	2	526	< 0.01	< 20	< 1	< 2	< 10	21	< 10	10	2
907374	3	50	0.34	62	< 10	143	< 0.5	< 2	> 10.0	9	2	5.26	< 10	< 1	0.17	< 10	4.32	0.018	0.019	0.18	18	2	452	< 0.01	< 20	< 1	< 2	< 10	22	< 10	10	2
907375	6	26	2.22	41	22	12	0.5	< 2	7.18	32	2	12.9	< 10	< 1	0.3	90	1.05	0.034	3.14	7.22	9	8	117	0.04	< 20	4	< 2	< 10	38	< 10	149	9
907376	2	47	0.5	32	< 10	65	< 0.5	< 2	8.84	12	3	4.58	< 10	< 1	0.26	< 10	3.18	0.019	0.046	1	6	4	359	< 0.01	< 20	< 1	< 2	< 10	18	< 10	13	2
907377	4	46	0.55	89	< 10	97	< 0.5	< 2	> 10.0	11	2	5.09	< 10	< 1	0.2	< 10	3.23	0.028	0.008	0.39	37	2	432	< 0.01	< 20	4	< 2	< 10	16	< 10	6	1
907378	18	184	0.74	516	< 10	13	< 0.5	4	3.28	100	9	8.73	< 10	< 1	0.33	< 10	1.65	0.028	0.031	4.66	43	5	138	< 0.01	< 20	< 1	< 2	< 10	42	< 10	7	3
907379	5	74	2.05	11	11	138	< 0.5	< 2	2.26	18	19	4.27	< 10	< 1	0.3	16	1.28	0.073	0.408	0.62	4	7	48	0.03	< 20	< 1	< 2	< 10	76	< 10	23	2
907380	3	46	0.62	59	< 10	104	< 0.5	< 2	9.31	9	2	5.06	< 10	< 1	0.31	< 10	3.49	0.026	0.011	0.52	13	3	373	< 0.01	< 20	< 1	< 2	< 10	19	< 10	7	2
907381	3	78	4.66	< 2	< 10	33	0.6	< 2	3.72	14	18	5.36	10	< 1	0.25	13	0.58	0.402	0.197	1.6	4	17	140	0.21	< 20	< 1	< 2	< 10	141	< 10	26	3
907382	2	18	3.14	< 2	< 10	31	< 0.5	2	5.74	17	11	6.64	< 10	< 1	0.33	31	0.57	0.091	1.82	3.81	4	8	110	0.02	< 20	3	< 2	< 10	60	< 10	41	2
907383	< 2	50	2.48	13	< 10	13	< 0.5	< 2	2.1	272	2	12.9	10	< 1	0.09	< 10	1.23	0.167	0.104	4.71	5	19	47	0.55	< 20	3	< 2	< 10	287	< 10	21	11
907384	< 2	33	2.8	< 2	< 10	11	0.5	< 2	4.62	37	3	9.4	10	< 1	0.04	< 10	0.77	0.069	0.099	4.35	4	11	67	0.56	< 20	6	< 2	< 10	147	< 10	25	9
907385	< 2	31	2.08	2	< 10	21	< 0.5	< 2	1.87	34	6	8.19	10	< 1	0.1	< 10	0.57	0.057	0.075	1.71	4	13	51	0.63	< 20	9	< 2	< 10	246	< 10	14	8
907386	< 2	16	3.58	7	< 10	15	0.6	< 2	4.78	51	10	4.42	10	< 1	0.08	< 10	0.37	0.022	0.044	0.69	< 2	13	33	0.51	< 20	8	< 2	< 10	242	< 10	10	6
907387	< 2	12	1.15	< 2	< 10	17	< 0.5	< 2	1.61	73	10	3.94	< 10	< 1	0.11	< 10	0.31	0.041	0.049	1.98	< 2	5	23	0.24	< 20	1	< 2	< 10	68	< 10	7	4
907388	< 2	16	1.61	5	< 10	12	< 0.5	< 2	2.96	43	11	3.81	< 10	< 1	0.06	< 10	0.32	0.048	0.053	1.1	< 2	6	28	0.32	< 20	3	< 2	< 10	79	< 10	11	4
907389	< 2	52	4.01	< 2	< 10	14	1	< 2	4.51	29	3	7.87	20	< 1	0.06	< 10	0.92	0.105	0.107	0.55	< 2	15	68	0.48	< 20	5	< 2	< 10	173	< 10	26	8
907390	< 2	12	1.22	< 2	< 10	18	< 0.5	< 2	1.31	17	9	5.31	< 10	< 1	0.07	< 10	0.39	0.084	0.078	0.85	5	11	29	0.61	< 20	5	< 2	< 10	170	< 10	12	6
907391	< 2	62	2.99	5	< 10	14	< 0.5	< 2	1.52	147	2	14.2	20	< 1	0.08	< 10	1.32	0.147	0.083	4.84	5	16	18	0.37	< 20	< 1	< 2	< 10	311	< 10	19	8
907392	< 2	98	4.34	27	< 10	22	< 0.5	2	1.09	48	1	12.4	20	< 1	0.04	< 10	2.33	0.046	0.104	0.1	3	27	21	0.35	< 20	< 1	< 2	< 10	437	< 10	24	4
907393	2	32	3.67	7	< 10	37	< 0.5	< 2	2.29	10	25	6.98	10	< 1	0.1	< 10	1.34	0.052	0.054	1.83	3	19	36	0.26	< 20	3	< 2	< 10	155	< 10	11	5
907394	< 2	22	5.4	4	< 10	24	1.1	< 2	5.74	9	35	4.66	20	1	0.05	< 10	1.05	0.038	0.07	0.86	4	15	32	0.19	< 20	2	< 2	< 10	131	< 10	14	5

2021 Silt Samples Notes and Assays

Sample #	I.D.	Sampler	UTM Zone	Easting	Northing	Elevation (m)	Site Description	Silt %	Sand %	Gravel %	Organics %	Compaction	Depth (cm)	Colour	Texture	Moisture	Site Rating	Drainage	Direction °	Flow Rate	Stream Width (m)
1614	W-21	LG	10 U	416781	5419032	593	Running Creek	35	60		5	Medium	4	Brown	Gritty	Wet	Poor	Perennial	38	Medium	3
1615	W-21	LG	10 U	416857	5418969	603	Running Creek	25	60	10	5	Medium	4	Brown	Gritty	Wet	Poor	Perennial	358	Slow	1.5
1616	W-21	LG	10 U	416968	5419026	597	Running Creek	30	55	10	5	Medium	3	Brown	Gritty	Wet	Poor	Perennial	320	Medium	1.5
1623	W-21	LG	10 U	418622	5420325	458	Dry Creek	40	60			Medium	4	Brown	Gritty	Dry	Poor	Seasonal	204		0.5
1624	W-21	LG	10 U	417901	5420460	460	Running Creek	30	65	5		Medium	3	Brown	Gritty	Wet	Moderate	Perennial	236	Fast	4
1625	W-21	LG	10 U	417283	5420774	464	Dry Creek	25	65	10		Medium	3	Brown	Gritty	Dry	Poor	Seasonal	192		1
1626	W-21	LG	10 U	416994	5420865	463	Running Creek	35	60		5	Loose	2	Brown	Gritty	Damp	Poor	Perennial	225	Fast	3
1627	W-21	LG	10 U	416890	5420854	466	Running Creek	35	60	3	2	Medium	6	Brown	Gritty	Wet	Moderate	Perennial	146	Medium	4
1628	W-21	LG	10 U	416242	5420995	482	Running Creek	30	65	2	3	Loose	2	Brown	Gritty	Wet	Poor	Perennial	178	Fast	0.5
1629	W-21	LG	10 U	413411	5421053	526	Running Creek	40	60			Loose	3	Brown	Gritty	Wet	Moderate	Perennial	60	Medium	3
1630	W-21	LG	10 U	413961	5420775	508	Running Creek	70	29		1	Loose	2	Brown	Smooth	Wet	Good	Perennial	85	Medium	1
1631	W-21	LG	10 U	415469	5420013	586	Running Creek	35	40		5	Medium	2	Brown	Gritty	Damp	Moderate	Perennial	4	Medium	1.5
1632	W-21	LG	10 U	415101	5420328	526	Running Creek	35	60	2	3	Medium	3	Brown	Gritty	Damp	Moderate	Perennial	86	Fast	2.5
1633	W-21	LG	10 U	422175	5418224	374	Running Creek	60	35		5	Loose	3	Brown	Smooth	Wet	Moderate	Perennial	98	Slow	1
1634	W-21	LG	10 U	421184	5418394	423	Running Creek	60	40			Medium	4	Brown	Gritty	Damp	Moderate	Perennial	42	Medium	1.5
1635	W-21	LG	10 U	421016	5418530	425	Running Creek	20	70	8	2	Medium	4.5	Brown	Gritty	Wet	Poor	Perennial	38	Medium	1
1636	W-21	LG	10 U	420528	5419072	420	Intermittent Creek	80	20			Medium	5	Brown	Smooth	Damp	Moderate	Seasonal	18		0.5
1637	W-21	LG	10 U	420160	5419217	427	Running Creek	40	50	10		Medium	3	Brown	Gritty	Damp	Poor	Seasonal	7		1
1638	W-21	LG	10 U	419785	5419321	433	Running Creek	20	70	2	3	Loose	2	Brown	Gritty	Wet	Poor	Perennial	22	Slow	0.5
1639	W-21	LG	10 U	419307	5419516	453	Running Creek	48	50		2	Medium	4	Brown	Gritty	Wet	Moderate	Perennial	48	Medium	2
1640	W-21	LG	10 U	418753	5419732	449	Running Creek	40	53	4	3	Loose	4	Brown	Gritty	Wet	Poor	Perennial	32	Slow	1
1641	W-21	LG	10 U	412884	5421379	572	Running Creek	65	30		5	Medium	3	Brown	Gritty	Wet	Moderate	Perennial	105	Medium	2
1642	W-21	LG	10 U	412877	5421412	575	Running Creek	60	35		5	Medium	2	Brown	Gritty	Wet	Moderate	Perennial	130	Fast	1.5
1643	W-21	LG	10 U	412933	5421396	572	Running Creek	55	40	1	4	Medium	2	Brown	Gritty	Wet	Moderate	Perennial	48	Fast	3
1644	W-21	LG	10 U	413708	5421344	531	Running Creek	70	23		2	Loose	2	Brown	Smooth	Wet	Good	Perennial	205	Medium	0.5
1645	W-21	LG	10 U	412695	5422765	670	Dry Creek	60	28	2	10	Medium	4	Brown	Gritty	Dry	Moderate	Seasonal	210		1
1646	W-21	LG	10 U	412739	5422715	657	Dry Creek	45	48	2	5	Medium	2	Brown	Gritty	Dry	Poor	Seasonal	242		2
1647	W-21	LG	10 U	412972	5422382	600	Running Creek	40	57	1	2	Medium	2	Brown	Gritty	Wet	Moderate	Perennial	258	Fast	3
1648	W-21	LG	10 U	421026	5419240	384	Running Creek	95			5	Loose	15	Brown	Smooth	Wet	Moderate	Perennial	118	Slow	1
1649	W-21	LG	10 U	421446	5419266	375	Running Creek	49	50		1	Medium	3	Brown	Gritty	Wet	Moderate	Perennial	120	Medium	3
1650	W-21	LG	10 U	413849	5420500	556	Running Creek	30	68	2		Medium	7	Brown	Gritty	Wet	Poor	Perennial	28	Fast	2
1651	W-21	LG	10 U	416902	5419178	604	Running Creek	65	30		5	Medium	4	Brown	Gritty	Wet	Good	Perennial	14	Medium	3.5
1652	W-21	LG	10 U	416770	5419545	556	Running Creek	50	42		8	Tight	3	Brown	Gritty	Wet	Moderate	Perennial	20	Medium	4.5
1653	W-21	LG	10 U	416819	5419955	531	Running Creek	70	25		5	Tight	4	Brown	Gritty	Wet	Good	Perennial	340	Medium	5
1654	W-21	LG	10 U	416930	5420231	496	Running Creek	80	18		2	Tight	3	Brown	Gritty	Wet	Good	Perennial	350	Medium	6
1655	W-22	LG	10 U	418492	5417738	728	Running Creek	30	60	5	5	Tight	3	Brown	Gritty	Wet	Moderate	Perennial	160	Medium	1
1656	W-23	LG	10 U	418472	5417681	715	Running Creek	85	10	0	5	Medium	2	Brown	Smooth	Wet	Good	Perennial	58	Medium	2

2021 Silt Samples Notes and Assays

Sample #	Trap Description	Notes/Comments	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm
1614	Log Trap		1	0.05	2.51	4.8	0.25	10	136	0.05	0.89	0.05	13	27	43.6	3.9	6	0.08	0.12	13	1.06	742
1615	Rock Trap		1	0.05	2.39	3.6	0.9	10	112	0.05	1.08	0.1	13.6	29	41.4	4.12	6	0.08	0.12	17	1.14	603
1616	Side Pockets		1	0.05	2.41	3	6.5	10	129	0.05	0.89	0.2	12.1	41	39	3.25	6	0.08	0.1	13	0.83	985
1623	Moss/Rock Trap		2	0.2	3.1	7.8	0.8	10	378	0.05	0.86	0.2	14.1	31	76	3.51	5	0.09	0.08	12	0.87	1190
1624	Rock Trap		8	0.2	3.22	10.4	3.6	70	376	0.05	1.16	0.3	23.6	49	103	4.76	8	0.06	0.07	9	1.48	1200
1625	Rock Trap		1	0.2	3.07	8.7	7.5	10	384	0.05	0.95	0.3	20.2	48	94.4	3.84	7	0.04	0.07	9	1.16	978
1626	Moss/Rock Trap		1	0.3	3.41	14.1	1.6	10	515	0.1	1.07	0.8	24.8	65	94.5	4.09	5	0.1	0.07	11	1.35	1670
1627	Moss/Rock Trap		14	0.2	2.73	11.4	4.6	10	612	0.05	1.12	0.6	23.3	48	115	4.51	5	0.06	0.05	9	1.3	1140
1628	Moss/Rock Trap		5	0.1	4.05	13.7	5	10	197	0.05	1.28	0.5	28.7	84	129	5.33	10	0.04	0.05	5	1.62	913
1629	Side Pockets		12	0.3	2.69	37.7	31.3	10	104	0.2	1.22	0.3	25.3	48	160	4.85	8	0.13	0.06	7	1.36	994
1630	Side Pockets		7	0.3	3.16	13.7	5.6	10	107	0.1	1.48	0.4	16.8	43	156	3.38	7	0.12	0.06	8	0.81	1010
1631	Moss/Rock Trap		1	0.1	2.39	2.8	1.4	10	130	0.1	0.94	0.2	11.4	22	40.8	2.16	5	0.16	0.06	12	0.53	1270
1632	Moss/Rock Trap		5	0.1	2.48	13.2	2.1	10	95.5	0.05	0.78	0.2	15.8	46	66.6	3.83	6	0.1	0.08	9	0.86	920
1633	Rock Trap		4	0.2	2.23	5.5	8.1	10	133	0.1	1.23	0.3	16.2	26	44.2	2.44	4	0.11	0.06	11	0.57	1400
1634	Log Trap		4	0.1	2.77	7.1	8.1	10	126	0.05	1.13	0.1	14	30	61.8	3.2	7	0.06	0.09	8	0.81	650
1635	Rock Trap		4	0.2	2.82	6	1.6	10	102	0.05	1.23	0.1	12.3	26	56.7	3	6	0.09	0.06	8	0.65	599
1636	Rock Trap		10	0.3	4.3	5.1	11.2	10	124	0.1	1.03	0.3	16.5	39	68	3.38	8	0.15	0.07	11	0.74	1610
1637	Rock Trap		25	0.2	3.22	16.8	7.1	10	91.9	0.2	0.85	0.2	20.5	24	76.9	3.84	8	0.11	0.07	10	0.67	1000
1638	Moss/Rock Trap		3	0.1	2.82	4.9	2.5	10	98	0.1	0.9	0.1	13.1	35	50.8	3.01	7	0.1	0.07	8	0.62	592
1639	Moss/Rock Trap		10	0.05	2.45	21.3	4.3	10	114	0.2	0.76	0.05	14.3	35	58.5	3.63	6	0.08	0.08	12	0.74	712
1640	Log Trap		2	0.1	2.49	5.4	1.3	10	112	0.1	0.92	0.05	12.3	34	43.1	3.3	6	0.1	0.06	11	0.68	630
1641	Moss/Rock Trap		39	0.2	3.29	38.9	7.8	10	96	0.4	1.4	0.3	26.8	56	125	4.54	8	0.07	0.06	5	1.32	862
1642	Moss/Rock Trap		8	0.05	3.9	29.7	10.2	10	79.4	0.6	2.17	0.1	27.6	76	132	4.22	10	0.06	0.05	4	1.72	625
1643	Moss/Rock Trap		38	0.1	3.38	29.4	7	10	107	0.5	1.7	0.2	28.3	68	122	4.56	9	0.05	0.04	4	1.59	754
1644	Moss/Rock Trap		26	0.1	3.33	12.7	3.5	10	42.9	0.1	1.43	0.4	23.7	88	113	4.52	9	0.05	0.06	5	1.51	746
1645	Rock Trap		20	0.2	3.63	23.3	2.5	10	25.9	0.1	1.94	0.2	28.9	63	159	3.57	8	0.13	0.06	5	1.38	1100
1646	Rock Trap		5	0.1	3.71	9.7	4	10	28.8	0.05	2.36	0.2	27	82	158	3.87	9	0.11	0.03	3	1.66	902
1647	Moss/Rock Trap		3	0.05	3.67	6	0.25	10	46.7	0.05	1.88	0.3	24.3	63	116	4.33	9	0.05	0.03	4	1.83	740
1648	Log Trap	New Cut Block	20	0.3	3.04	15.8	1	10	314	0.1	0.89	0.7	43.9	36	62	4.7	5	0.12	0.09	10	0.9	6130
1649	Side Pockets		3	0.1	2.28	13	2.4	10	229	0.05	0.75	0.2	20.6	42	65.8	5.23	5	0.03	0.07	10	1.28	908
1650	Side Pockets		12	0.7	3.47	13.6	5.3	30	125	0.2	1.4	0.5	18.4	44	194	3.8	7	0.15	0.06	9	0.72	943
1651	Moss/Rock Trap		7	0.05	2.02	2.8	1.4	10	88.8	0.05	0.81	0.05	12.3	46	43.2	5.37	6	43.2	0.1	12	0.9	605
1652	Moss/Rock Trap		8	0.05	1.91	3.3	2.1	10	80.4	0.05	0.85	0.05	13.8	43	40.5	5.66	5	46.8	0.08	13	0.89	522
1653	Moss/Rock Trap		6	0.05	1.77	1.6	0.9	10	75.9	0.05	0.95	0.05	13.6	48	37.9	5.73	5	41.7	0.08	15	0.82	499
1654	Moss/Rock Trap		43	0.05	2.35	2	72.7	10	110	0.05	1.06	0.05	14.4	44	50.2	5.29	6	0	0.08	15	0.96	702
1655	rocks & moss		11	0.2	2.49	2.8	12	10	137	0.2	0.9	1.2	74.6	9	40.7	2.29	2	0	0.05	20	0.24	6720
1656	moss		49	0.1	2.43	26.4	2	10	95	0.05	0.92	0.2	15.1	23	66.8	3.49	6	0	0.06	12	0.99	993

2021 Silt Samples Notes and Assays

Sample #	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Report
1614	0.5	0.037	13.4	0.12	12.5	0.5	0.3	7.2	0.25	56	0.1	1.7	0.143	0.05	105	0.3	56	A21-10412
1615	0.4	0.028	13.3	0.152	4	0.5	0.2	7.6	0.25	73	0.1	2	0.157	0.05	120	0.5	46	A21-10412
1616	1.4	0.029	16.2	0.097	6.2	0.5	0.3	5.1	0.5	58	0.1	1	0.092	0.05	82	0.3	54	A21-10412
1623	0.9	0.029	31.4	0.08	6.3	0.5	0.5	6.2	0.25	37	0.1	0.8	0.18	0.05	92	0.1	79	A21-10412
1624	1.1	0.032	53.5	0.055	6.1	0.5	0.5	9.6	0.25	55	0.1	1	0.318	0.05	140	0.05	121	A21-10412
1625	1.1	0.041	47.1	0.069	6	0.5	0.5	8.1	0.25	31	0.1	0.8	0.306	0.05	134	0.05	101	A21-10412
1626	2.4	0.033	58.9	0.112	9.1	0.5	0.7	7.1	1.3	33	0.1	0.5	0.172	0.05	116	0.1	153	A21-10412
1627	2.3	0.045	52	0.07	38.7	0.5	0.8	8	0.9	38	0.1	0.6	0.4	0.05	164	0.05	139	A21-10412
1628	1.2	0.036	57.2	0.041	2.9	0.5	0.4	13.1	0.8	47	0.1	0.4	0.488	0.05	206	0.05	116	A21-10412
1629	3.1	0.055	40.2	0.071	4.7	0.5	2.1	10	0.8	35	0.1	0.7	0.268	0.05	120	17.5	74	A21-10412
1630	9.5	0.07	27.6	0.066	10	0.5	0.8	7.4	1.1	40	0.1	1.1	0.175	0.05	94	19.8	67	A21-10412
1631	2.4	0.029	12.6	0.087	9.7	0.5	0.2	3.3	0.8	43	0.1	0.4	0.062	0.05	55	1.5	40	A21-10412
1632	1.9	0.05	26.1	0.079	4.5	0.5	0.6	7.5	0.8	32	0.1	1	0.097	0.05	97	1.1	56	A21-10412
1633	0.7	0.039	20.1	0.078	7.8	0.5	0.4	5.4	1.3	61	0.1	0.5	0.106	0.05	69	0.3	65	A21-10412
1634	0.5	0.071	21.5	0.068	5	0.5	0.4	7.6	0.7	40	0.1	1.5	0.209	0.05	95	0.3	59	A21-10412
1635	0.6	0.042	18.5	0.065	7	0.5	0.4	6	0.9	36	0.1	0.7	0.176	0.05	88	0.2	81	A21-10412
1636	0.6	0.036	28.1	0.072	5.7	0.5	0.3	7.4	1	39	0.1	0.9	0.179	0.05	92	0.1	63	A21-10412
1637	0.7	0.042	18	0.085	8.7	0.5	0.4	7.6	0.9	33	0.1	1.1	0.147	0.05	99	0.3	73	A21-10412
1638	0.6	0.033	22.9	0.062	7.7	0.5	0.3	6.2	0.25	36	0.1	0.7	0.2	0.05	92	0.3	49	A21-10412
1639	1.4	0.043	20.3	0.078	4.5	0.5	0.3	5.4	0.7	36	0.1	1.5	0.13	0.05	90	1.1	55	A21-10412
1640	1.5	0.039	17.4	0.064	5.1	0.5	0.3	5.8	0.5	40	0.1	1.1	0.185	0.05	96	3.8	38	A21-10412
1641	1.3	0.065	47.5	0.081	4.8	0.5	1.7	10.9	0.8	35	0.1	0.5	0.277	0.05	130	0.2	78	A21-10412
1642	1.5	0.084	53.1	0.071	5.6	0.5	0.8	10.8	0.7	54	0.1	0.5	0.442	0.05	132	0.2	63	A21-10412
1643	1.3	0.077	51.5	0.055	4.2	0.5	1.2	11	0.8	40	0.1	0.5	0.371	0.05	140	0.2	63	A21-10412
1644	0.5	0.036	48.2	0.045	3.6	0.5	0.4	12	0.25	51	0.1	1	0.475	0.05	161	0.05	87	A21-10412
1645	0.3	0.046	37.1	0.089	15	0.5	0.2	8.5	0.7	59	0.1	0.5	0.358	0.05	116	0.1	57	A21-10412
1646	0.3	0.049	48.4	0.074	7.9	0.5	0.2	9.5	0.8	69	0.1	0.4	0.49	0.05	123	6.4	71	A21-10412
1647	0.4	0.069	47.2	0.051	3.2	0.5	0.2	10	0.7	45	0.1	0.3	0.503	0.05	168	0.05	68	A21-10412
1648	1.8	0.033	34.4	0.126	14.5	0.5	0.4	6.2	0.6	70	0.1	0.4	0.078	0.1	99	0.05	112	A21-10412
1649	0.6	0.03	32	0.082	5.3	0.5	0.6	7.6	0.25	42	0.1	1.1	0.249	0.05	137	0.1	88	A21-10412
1650	10.7	0.042	29.7	0.069	10.4	0.5	0.9	7.9	1.9	30	0.1	0.9	0.145	0.05	96	10.7	76	A21-10412
1651	0.7	0.029	14.3	0.097	3.9	0.5	0.3	5.7	0.25	56	0.1	1.7	0.152	0.05	145	0.5	46	A21-11202
1652	0.7	0.03	14	0.106	3.2	0.5	0.3	6	0.25	59	0.1	2.2	0.167	0.05	152	0.4	44	A21-11202
1653	0.7	0.034	14.6	0.106	3	0.5	0.3	6.1	0.25	54	0.1	2.8	0.185	0.05	160	1.4	44	A21-11202
1654	0.9	0.04	16.2	0.133	4.1	0.5	0.3	6.2	0.5	59	0.1	2.1	0.173	0.05	142	0.5	51	A21-11202
1655	2.7	0.018	9.2	0.16	22.8	0.5	0.3	1	1.9	55	0.1	0.05	0.031	0.2	48	0.3	62	A21-11202
1656	0.7	0.022	13.4	0.091	5.5	0.5	0.3	6.1	1	54	0.1	0.9	0.144	0.05	85	0.2	64	A21-11202

2021 Soil Samples Notes and Assays

SampleID	Label	Grid_East	Grid_North	UTM_Zone	Easting	Northing	Altitude	Colour	Depth	Soil_Type	Grid	Comments	Meters	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm
16700E 18750N	18750N	16700	18750	10 U	416700	5418750	653	Brown	0	Rocky	JR			9	0.2	1.71	3	3.1	10	140	0.2	1.02	0.1	9.9	16	21.8	2.73	8	0.12
16700E 18800N	18800N	16700	18800	10 U	416700	5418800	646	Brown	0	Sand	JR	20 m East, Creek		80	0.05	2.56	3.2	6.3	10	106	0.05	0.84	0.05	15.3	31	62.3	3.45	7	0.11
16700E 18850N	18850N	16700	18850	10 U	416700	5418850	629	Brown	0	Soil	JR	16680E		2	0.2	3	3.3	2.7	10	76	0.1	0.39	0.1	8.9	26	33	4	10	0.13
16700E 18900N	18900N	16700	18900	10 U	416700	5418900	608	Brown	0	Soil	JR	16690E		5	0.2	3.66	4.1	0.9	10	55.7	0.1	0.35	0.1	6.6	25	36.2	4.03	10	0.15
16700E 18950N	18950N	16700	18950	10 U	416700	5418950	600	Brown	0	Soil	JR	16690E		3	0.3	3.13	4.9	2.1	10	66.9	0.1	0.26	0.05	7.2	24	41.5	3.36	9	0.17
16700E 19000N	19000N	16700	19000	10 U	416700	5419000	597	Brown	0	Soil	JR	16690E		12	0.3	4.14	4.6	3.3	10	55.3	0.05	0.24	0.05	7.5	28	46.4	3.8	8	0.14
16700E 19050N	19050N	16700	19050	10 U	416700	5419050	591	Brown	0	Soil	JR	19040E		1	0.3	3.03	3.7	3.7	10	68.9	0.1	0.28	0.1	10.4	22	35.9	3.12	8	0.11
16700E 19100N	19100N	16700	19100	10 U	416700	5419100	591	Brown	0	Soil	JR	Cut Block		1	0.2	2.44	2	1.4	10	97.9	0.1	0.31	0.05	12.7	20	19.1	2.87	9	0.04
16700E 19150N	19150N	16700	19150	10 U	416700	5419150	590	Brown	0	Soil	JR	Cut Block		1	0.3	3.63	3.5	2.8	10	76.4	0.1	0.37	0.05	13.3	25	37.6	3.1	8	0.14
16700E 19200N	19200N	16700	19200	10 U	416700	5419200	590	Brown	0	Soil	JR	Cut Block		11	0.05	3.34	3.4	1.7	10	34.9	0.05	0.35	0.1	6.2	25	31.5	3.04	8	0.09
16700E 19250N	19250N	16700	19250	10 U	416700	5419250	598	Brown	0	Gravel	JR	Cut Block		1	0.05	1.5	1.3	1.2	10	67.5	0.05	0.4	0.05	7.9	14	7.4	2.24	9	0.04
16700E 19300N	19300N	16700	19300	10 U	416700	5419300	600	Brown	0	Soil	JR	Cut Block		4	0.1	1.9	1.5	3.9	10	36	0.05	0.25	0.05	3.1	20	14.5	2.65	9	0.07
16700E 19350N	19350N	16700	19350	10 U	416700	5419350	606	Brown	0	Soil	JR	Cut Block	600	7	0.2	2.33	1.8	3.3	10	33.6	0.1	0.32	0.05	3.7	22	13	2.73	10	0.12
16750E 18750N	18750N	16750	18750	10 U	416750	5418750	660	Brown	0	Soil	JR			3	0.1	3.05	3.6	3.5	10	52.1	0.05	0.43	0.1	7.8	29	36.2	3.64	9	0.09
16750E 18800N	18800N	16750	18800	10 U	416750	5418800	651	Brown	0	Soil	JR			5	0.3	5.33	4.1	2.8	10	60.6	0.1	0.38	0.2	11.4	34	58.2	4.58	12	0.14
16750E 18850N	18850N	16750	18850	10 U	416750	5418850	626	Brown	0	Gravel	JR	16m East, Creek		4	0.05	2.03	2.7	2	10	38.6	0.05	0.3	0.05	4.1	21	23.4	2.49	8	0.1
16750E 18900N	18900N	16750	18900	10 U	416750	5418900	619	Brown	0	Soil	JR	10m East		8	0.1	2.35	1.9	7	10	27.7	0.1	0.46	0.05	2.8	16	8.7	2.99	14	0.08
16750E 18950N	18950N	16750	18950	10 U	416750	5418950	602	Brown	0	Soil	JR	Creek		3	0.3	4.47	4.5	7.4	10	58.5	0.05	0.34	0.1	8.4	28	65.5	4.58	10	0.28
16750E 19000N	19000N	16750	19000	10 U	416750	5419000	591	Brown	0	Soil	JR	19067N, Cut Block		4	0.1	2.5	3.6	5.4	10	144	0.05	1.18	0.1	14.2	22	60.2	3.12	6	0.09
16750E 19050N	19050N	16750	19050	10 U	416750	5419050	589	Brown	0	Soil	JR	Cut Block		4	0.2	2.96	4.3	3.3	10	56.5	0.1	0.38	0.05	7.9	27	47.4	3.38	10	0.14
16750E 19100N	19100N	16750	19100	10 U	416750	5419100	588	Brown	0	Soil	JR	19130N, Swamp, Cut Block		4	0.4	2.08	4	0.25	10	47.7	0.1	0.25	0.1	4.6	18	25.2	2.79	9	0.15
16750E 19150N	19150N	16750	19150	10 U	416750	5419150	588	Brown	0	Soil	JR	Cut Block		7	0.3	3.08	2.7	0.25	10	82.3	0.1	0.28	0.2	23.4	21	61.5	2.72	8	0.13
16750E 19200N	19200N	16750	19200	10 U	416750	5419200	587	Brown	0	Soil	JR	Cut Block		60	0.1	3.97	3.4	6	10	42.5	0.1	0.33	0.05	6.9	30	61.7	3.31	10	0.19
16750E 19250N	19250N	16750	19250	10 U	416750	5419250	589	Brown	0	Soil	JR	Cut Block		25	0.2	3.68	3.9	0.25	10	34.4	0.1	0.31	0.05	6.5	37	39.6	4.34	13	0.16
16750E 19300N	19300N	16750	19300	10 U	416750	5419300	591	Brown	0	Soil	JR	Cut Block		9	0.1	1.55	1.9	3.6	10	29.1	0.1	0.25	0.05	3.6	16	8.6	2.44	10	0.06
16750E 19350N	19350N	16750	19350	10 U	416750	5419350	596	Brown	0	Soil	JR	Cut Block	600	2	0.1	2.16	2.5	0.5	10	44.6	0.05	0.27	0.05	3.2	21	17.4	2.46	8	0.17
16800E 18750N	18750N	16800	18750	10 U	416800	5418750	655	Brown	0	Rocky	JR			3	0.2	1.88	2.1	2.9	10	19.9	0.1	0.43	0.05	3.3	18	12.9	3.12	15	0.08
16800E 18800N	18800N	16800	18800	10 U	416800	5418800	660	Brown	0	Soil	JR			1	0.2	2.64	2.9	1.8	10	45.5	0.05	0.36	0.05	8.1	24	35.6	2.89	9	0.1
16800E 18850N	18850N	16800	18850	10 U	416800	5418850	643	Brown	0	Gravel	JR			3	0.1	3.15	3.5	2.9	10	66.6	0.1	0.39	0.05	10.3	29	57.8	3.46	9	0.14
16800E 18900N	18900N	16800	18900	10 U	416800	5418900	645	Brown	0	Soil	JR			1	0.2	3.19	2.2	6.2	10	53.4	0.05	0.52	0.2	14.2	30	49.2	4.16	10	0.09
16800E 18950N	18950N	16800	18950	10 U	416800	5418950	627	Brown	0	Soil	JR			1	0.3	3.39	3.7	5.5	10	57.2	0.1	0.34	0.1	7.5	23	48	3.71	11	0.26
16800E 19000N	19000N	16800	19000	10 U	416800	5419000	615	Brown	0	Soil	JR			4	0.3	3.45	4.4	3.2	10	153	0.05	0.81	0.3	19.5	23	71.2	3.6	7	0.1
16800E 19050N	19050N	16800	19050	10 U	416800	5419050	578	Brown	0	Soil	JR			1	0.3	2.76	4	1.1	10	39.5	0.1	0.35	0.05	5.8	22	22	4.33	13	0.15
16800E 19100N	19100N	16800	19100	10 U	416800	5419100	592	Brown	0	Soil	JR	Cut Block		2	0.3	2.27	2.9	1.6	10	48.4	0.1	0.43	0.05	6.4	19	17.6	3.29	11	0.08
16800E 19150N	19150N	16800	19150	10 U	416800	5419150	589	Brown	0	Soil	JR	19167N, Cut Block, Swamp		4	0.1	3.34	5	3.7	10	30.8	0.05	0.29	0.05	7.4	32	30.6	4.54	10	0.23
16800E 19200N	19200N	16800	19200	10 U	416800	5419200	588	Brown	0	Soil	JR	19225N, Cut Block, Swamp		2	0.1	2.83	2.7	1.7	10	40.7	0.1	0.36	0.05	5	29	37.2	3.13	11	0.13
16800E 19250N	19250N	16800	19250	10 U	416800	5419250	588	Brown	0	Soil	JR	Cut Block		1	0.1	2.64	1.4	0.25	10	24.9	0.1	0.19	0.05	3.3	27	19.1	3.66	15	0.08
16800E 19300N	19300N	16800	19300	10 U	416800	5419300	584	Brown	0	Soil	JR	Cut Block		1	0.1	1.43	1.3	4	10	22.4	0.1	0.21	0.05	2.2	22	7.9	2.92	11	0.06
16800E 19350N	19350N	16800	19350	10 U	416800	5419350	580	Brown	0	Soil	JR		600	7	0.1	1.93	2.8	18.3	10	25.2	0.2	0.25	0.05	2.3	24	7.3	3.49	15	0.15
16850E 18750N	18750N	16850	18750	10 U	416850	5418750	671	Brown	0	Soil	JR			3	0.1	2.62	1.8	0.25	10	29	0.05	0.4	0.05	6	25	22.7	2.94	8	0.13
16850E 18800N	18800N	16850	18800	10 U	416850	5418800	654	Brown	0	Soil	JR			1	0.05	1.13	0.8	0.25	10	33.4	0.05	0.29	0.05	7.8	330	0.3	4.42	8	0.09
16850E 18850N	18850N	16850	18850	10 U	416850	5418850	636	Brown	0	Soil	JR			27	0.2	2.69	1.6	0.25	10	32.2	0.1	0.47	0.05	6.2	22	18.7	3.83	12	0.1
16850E 18900N	18900N	16850	18900	10 U	416850	5418900	622	Brown	0	Soil	JR			4	0.2	3.12	3	0.25	10	28.9	0.1	0.33	0.05	6	31	26.6	3.93	12	0.21
16850E 18950N	18950N	16850	18950	10 U	416850	5418950	609	Brown	0	Gravel	JR			3	0.1	2.56	2.1	1.8	10	107	0.05	0.6	0.05	9.4	19	32.7	3.22	9	0.06
16850E 19000N	19000N	16850	19000	10 U	416850	5419000	606	Brown	0	Rocky	JR			1	0.05	3.93	4.8	5	10	116	0.05	0.5	0.2	17.8	30	62.6	4.98	12	0.07
16850E 19050N	19050N	16850	19050	10 U	416850	5419050	597	Brown	0	Soil	JR			10	0.1	2.53	3.5	5.6	10	127	0.05	1.09	0.2	14.7	23	63.7	3.23	6	0.11
16850E 19100N	19100N	16850	19100	10 U	416850	5419100	594	Brown	0	Soil	JR			19	0.5	4.1	2.4	14.6	10	43	0.05	0.25	0.2	5.7	27	72.2	1.71	9	0.23
16850E																													

2021 Soil Samples Notes and Assays

SampleID	Label	Grid_East	Grid_North	UTM_Zone	Easting	Northing	Altitude__	Colour	Depth	Soil_Type	Grid	Comments	Meters	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm
16900E 19150N	19150N	16900	19150	10 U	416900	5419150	596	Brown	0	Sand/Gravel	JR	Creek		4	0.1	3.3	3.4	0.25	10	127	0.05	0.67	0.1	19.5	29	73.7	4.09	8	0.09
16900E 19200N	19200N	16900	19200	10 U	416900	5419200	592	Brown	0	Sand/Gravel	JR	Creek		2	0.2	3.39	2.1	0.25	10	77.2	0.05	0.47	0.05	14.3	29	48.8	3.73	9	0.1
16900E 19250N	19250N	16900	19250	10 U	416900	5419250	605	Brown	0	Gravel	JR			6	0.05	2.27	3.7	3.7	10	88	0.05	1.32	0.05	11.6	35	59.8	3.09	6	0.06
16900E 19300N	19300N	16900	19300	10 U	416900	5419300	601	Brown	0	Sand/Gravel	JR			3	0.1	3.02	3	1.6	10	78.9	0.05	0.61	0.05	12.8	28	59.8	3.95	7	0.09
16900E 19350N	19350N	16900	19350	10 U	416900	5419350	599	Brown	0		JR		600	3	0.05	2.95	2.9	0.9	10	46.4	0.1	0.44	0.05	7.3	28	52.9	2.98	9	0.12
16950E 18750N	18750N	16950	18750	10 U	416950	5418750	685	Brown	0	Soil	JR			8	0.05	2.83	4.2	0.8	10	100	0.1	0.49	0.05	11.5	26	55.5	3.62	8	0.07
16950E 18800N	18800N	16950	18800	10 U	416950	5418800	676	Brown	0	Soil	JR			5	0.2	4.24	3.9	0.25	10	71.3	0.1	0.38	0.05	11.1	31	83.2	3.68	9	0.22
16950E 18850N	18850N	16950	18850	10 U	416950	5418850	657	Brown	0	Soil	JR			3	0.2	3.67	2.1	1.1	10	34.4	0.05	0.32	0.05	5.8	28	30.4	4.21	11	0.17
16950E 18900N	18900N	16950	18900	10 U	416950	5418900	642	Brown	0	Soil	JR			3	0.05	2.44	1.4	1.1	10	40.3	0.05	0.11	0.05	3.2	11	21.3	3.07	9	0.05
16950E 18950N	18950N	16950	18950	10 U	416950	5418950	633	Brown	0	Soil	JR			1	0.05	2.93	1.4	0.25	10	54.7	0.1	0.35	0.05	8.2	26	34.9	3.19	10	0.11
16950E 19000N	19000N	16950	19000	10 U	416950	5419000	620	Brown	0	Soil	JR			1	0.1	3.77	2.7	0.9	10	46.4	0.1	0.23	0.05	7.2	28	39.2	3.98	12	0.27
16950E 19050N	19050N	16950	19050	10 U	416950	5419050	619	Brown	0	Soil	JR			2	0.2	3.09	2.5	0.25	10	86.7	0.1	0.49	0.1	7.7	28	50.5	3.23	11	0.13
16950E 19100N	19100N	16950	19100	10 U	416950	5419100	623	Brown	0	Gravel	JR			1	0.2	1.97	1.7	0.25	10	48.1	0.05	0.36	0.05	4.2	23	27	2.47	11	0.04
16950E 19150N	19150N	16950	19150	10 U	416950	5419150	618	Brown	0	Soil	JR			5	0.1	4.14	9.6	2.9	10	81.6	0.1	0.34	0.05	10.7	34	99.4	3.82	9	0.16
16950E 19200N	19200N	16950	19200	10 U	416950	5419200	615	Brown	0	Soil	JR			3	0.2	3.98	2.6	0.9	10	137	0.1	0.4	0.05	11.2	31	80.1	4.1	10	0.13
16950E 19250N	19250N	16950	19250	10 U	416950	5419250	611	Brown	0	Sand/Gravel	JR			2	0.05	2.48	3.1	0.25	10	109	0.1	0.67	0.05	16.4	29	69.9	2.8	7	0.08
16950E 19300N	19300N	16950	19300	10 U	416950	5419300	616	Brown	0	Soil	JR			1	0.05	1.12	0.5	0.25	10	37.5	0.05	0.35	0.05	3.7	16	7.8	1.94	7	0.03
16950E 19350N	19350N	16950	19350	10 U	416950	5419350	621	Brown	0	Sand/Gravel	JR		600	2	0.05	2.5	2.1	1.8	10	59	0.05	0.49	0.05	9	32	58.8	3.38	10	0.07
17000E 18750N	18750N	17000	18750	10 U	417000	5418750	693	Brown	0	Soil	JR			3	0.05	2.82	3.2	0.25	10	78.1	0.05	0.75	0.1	14.1	29	77.6	3.61	8	0.11
17000E 18800N	18800N	17000	18800	10 U	417000	5418800	676	Brown	0	Soil	JR			1	0.05	0.97	1.9	0.25	10	20.3	0.05	0.36	0.05	2.9	20	2.7	2.35	8	0.04
17000E 18850N	18850N	17000	18850	10 U	417000	5418850	660	Brown	0	Soil	JR			1	0.1	2.01	1.6	0.25	10	33.2	0.1	0.32	0.05	3	23	7.6	2.99	11	0.05
17000E 18900N	18900N	17000	18900	10 U	417000	5418900	645	Sandy	0	Soil	JR			8	0.05	2.66	2.2	0.25	10	52.9	0.1	0.39	0.05	9.7	43	44.7	4.18	8	0.07
17000E 18950N	18950N	17000	18950	10 U	417000	5418950	636	Sandy	0	Soil	JR			1	0.1	1.89	1.4	0.25	10	25	0.05	0.25	0.05	3	16	8.7	2.51	10	0.05
17000E 19000N	19000N	17000	19000	10 U	417000	5419000	617	Gravel	0	Soil	JR	18980, Creek		1	0.05	5.64	2.2	0.25	10	42.1	0.05	0.23	0.05	8.6	23	38.7	3.82	12	0.13
17000E 19050N	19050N	17000	19050	10 U	417000	5419050	607	Brown	0	Soil	JR			1	0.3	4.79	2.4	1.7	10	35.4	0.05	0.26	0.05	5.2	33	36	3.69	13	0.22
17000E 19100N	19100N	17000	19100	10 U	417000	5419100	603	Brown	0	Soil	JR	17010, Road		11	0.2	2.55	1.9	0.25	10	65.3	0.1	0.37	0.05	6	22	32	2.95	9	0.14
17000E 19150N	19150N	17000	19150	10 U	417000	5419150	603	Brown	0	Soil	JR	17010, Road		1	0.05	2.68	1.6	0.25	10	157	0.2	0.44	0.05	8.5	18	86.1	2.49	7	0.02
17000E 19200N	19200N	17000	19200	10 U	417000	5419200	617	Brown	0	Soil	JR	17015, Road		3	0.1	2.17	2	0.25	10	73.9	0.1	0.43	0.05	6.6	22	49	2.58	9	0.05
17000E 19250N	19250N	17000	19250	10 U	417000	5419250	616	Brown	0	Soil	JR	17015, Road		3	0.05	2.56	1.7	0.25	10	91.8	0.1	0.35	0.05	5.7	22	45	2.56	9	0.05
17000E 19300N	19300N	17000	19300	10 U	417000	5419300	614	Brown	0	Soil	JR	17015, Road		1	0.1	3.22	2.7	0.25	10	85.7	0.2	0.38	0.05	8.3	29	54.2	4.01	15	0.08
17000E 19350N	19350N	17000	19350	10 U	417000	5419350	616	Brown	0	Soil	JR		600	1	0.1	3.39	2.5	2.4	10	99.1	0.2	0.37	0.05	11.1	30	75.1	4.08	15	0.06
17050E 18750N	18750N	17050	18750	10 U	417050	5418750	692	Brown	0	Soil	JR			35	0.05	2.06	1.9	0.25	10	48.6	0.1	0.5	0.1	7	46	18.9	3.26	10	0.03
17050E 18800N	18800N	17050	18800	10 U	417050	5418800	683	Brown	0	Soil	JR			6	0.1	2.51	1.3	13.3	10	42	0.05	0.26	0.05	5.8	25	27.2	2.87	10	0.06
17050E 18850N	18850N	17050	18850	10 U	417050	5418850	665	Brown	0	Soil	JR			1	0.1	2.24	1.4	2	10	24.1	0.1	0.23	0.05	3.1	19	6	2.65	13	0.05
17050E 18900N	18900N	17050	18900	10 U	417050	5418900	659	Brown	0	Soil	JR			4	0.05	2.52	1.2	0.25	10	39.1	0.05	0.16	0.05	4.4	40	15.1	2.94	11	0.01
17050E 18950N	18950N	17050	18950	10 U	417050	5418950	643	Grey	0	Soil	JR			2	0.05	0.62	0.8	0.25	10	17.2	0.05	0.21	0.05	1.6	20	0.1	1.93	5	0.01
17050E 19000N	19000N	17050	19000	10 U	417050	5419000	613	Brown	0	Soil	JR			1	0.2	2.27	1.1	0.25	10	63.9	0.1	0.38	0.05	4.7	26	18.3	2.69	12	0.07
17050E 19050N	19050N	17050	19050	10 U	417050	5419050	616	Brown	0	Soil	JR			1	0.1	3.24	1.8	0.25	10	99.2	0.2	0.31	0.05	6.5	22	44.2	3.2	13	0.06
17050E 19100N	19100N	17050	19100	10 U	417050	5419100	617	Brown	0	Soil	JR			1	0.05	2.87	1.7	0.25	10	78.9	0.2	0.32	0.05	7.2	24	72.4	3.19	11	0.07
17050E 19150N	19150N	17050	19150	10 U	417050	5419150	617	Brown	0	Soil	JR			1	0.05	2.78	1.5	0.25	10	146	0.2	0.46	0.05	8.5	18	80.4	2.68	8	0.03
17050E 19200N	19200N	17050	19200	10 U	417050	5419200	618	Brown	0	Soil	JR			1	0.05	1.78	1.4	0.25	10	46.3	0.1	0.18	0.05	2.9	12	18.8	1.81	8	0.02
17050E 19250N	19250N	17050	19250	10 U	417050	5419250	617	Brown	0	Rocky	JR			1	0.05	2.11	1.4	0.25	10	163	0.2	0.5	0.05	10.7	17	39.2	2.29	8	0.04
17050E 19300N	19300N	17050	19300	10 U	417050	5419300	620	Brown	0	Rocky	JR			1	0.05	2.12	1.4	1.6	10	52	0.3	0.38	0.05	5	20	23	2.44	10	0.02
17050E 19350N	19350N	17050	19350	10 U	417050	5419350	624	Brown	0	Soil	JR		600	11	0.05	2.47	2.5	0.25	10	85.3	0.1	0.5	0.05	10.8	30	72.9	3.36	11	0.04
17100E 18750N	18750N	17100	18750	10 U	417100	5418750	697	Brown	0	Soil	JR			4	0.3	1.68	1.6	6.4	10	29	0.05	0.39	0.05	4.6	41	10.7	3.18	12	0.06
17100E 18800N	18800N	17100	18800	10 U	417100	5418800	683	Brown	0	Soil	JR			1	0.2	2.3	1.8	0.25	10	37.1	0.05	0.31	0.05	4.7	18	14.6	2.97	12	0.1
17100E 18850N	18850N	17100	18850	10 U	417100	5418850	670	Brown	0	Soil	JR			1	0.05	0.005	0.25	0.25	10	0.25	0.05	0.005	0.05	0.05	0.5	0.1	0.005	0.5	0.005
17100E 18900N	18																												

2021 Soil Samples Notes and Assays

SampleID	Label	Grid_East	Grid_North	UTM_Zone	Easting	Northing	Altitude_	Colour	Depth	Soil_Type	Grid	Comments	Meters	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm
17100E 19350N	19350N	17100	19350	10 U	417100	5419350	657	Brown	0	Soil	JR		600	1	0.05	1.13	0.7	0.25	10	25	0.05	0.31	0.05	4.1	21	18.2	2.51	8	0.005
17150E 18750N	18750N	17150	18750	10 U	417150	5418750	702	Brown	0	Rocky	JR			3	0.1	1.97	1	0.25	10	40	0.05	0.33	0.05	5.1	26	36.4	2.88	10	0.02
17150E 18800N	18800N	17150	18800	10 U	417150	5418800	684	Brown	0	Soil	JR			1	0.3	2.34	0.9	0.25	10	33	0.1	0.24	0.05	3.6	16	13.7	2.68	14	0.11
17150E 18850N	18850N	17150	18850	10 U	417150	5418850	674	Brown	0	Soil	JR			1	0.2	2.53	2.2	0.25	10	33.9	0.1	0.38	0.05	4.8	22	13.9	3.32	12	0.15
17150E 18900N	18900N	17150	18900	10 U	417150	5418900	654	Brown	0	Soil	JR			4	0.1	3.33	4.4	0.25	10	154	0.05	0.61	0.1	17.9	39	136	3.92	8	0.11
17150E 18950N	18950N	17150	18950	10 U	417150	5418950	656	Grey	0	Rocky	JR			1	0.05	2.12	0.8	0.25	10	68.1	0.05	0.23	0.05	2.6	6	17.9	1.97	11	0.005
17150E 19000N	19000N	17150	19000	10 U	417150	5419000	660	Grey	0	Rocky	JR			1	0.05	1.62	0.9	0.25	10	30.5	0.05	0.33	0.05	2.5	13	6.2	1.95	9	0.03
17150E 19050N	19050N	17150	19050	10 U	417150	5419050	668	Grey	0	Rocky	JR			1	0.1	2.46	1.6	0.6	10	80.9	0.05	0.32	0.05	5.5	18	27.9	2.83	10	0.06
17150E 19100N	19100N	17150	19100	10 U	417150	5419100	669	Grey	0	Rocky	JR			1	0.05	1.28	1.2	0.7	10	31.5	0.1	0.27	0.05	1.7	10	2.7	1.42	8	0.02
17150E 19150N	19150N	17150	19150	10 U	417150	5419150	676	Grey	0	Rocky	JR			1	0.05	1.21	1.4	0.25	10	35.6	0.05	0.34	0.05	3.3	11	1.7	1.89	7	0.03
17150E 19200N	19200N	17150	19200	10 U	417150	5419200	677	Grey	0	Rocky	JR			14	0.05	1.65	1.5	0.25	10	39	0.1	0.4	0.05	3.8	16	7.3	1.96	8	0.04
17150E 19250N	19250N	17150	19250	10 U	417150	5419250	678	Grey	0	Rocky	JR			1	0.05	1.48	1.6	0.25	10	106	0.1	0.33	0.05	3.9	9	26.4	1.43	6	0.03
17150E 19300N	19300N	17150	19300	10 U	417150	5419300	679	Grey	0	Rocky	JR			2	0.05	2.96	1.4	0.25	10	71.9	0.2	0.36	0.05	6.9	25	25.7	3.42	12	0.08
17150E 19350N	19350N	17150	19350	10 U	417150	5419350	673	Grey	0	Rocky	JR		600	6	0.05	2.2	1.5	1.8	10	40.2	0.1	0.32	0.05	4.4	21	20.7	2.68	10	0.05
18250E 17400N	17400N	18250	17400	10 U	418250	5417400	743	Brown	0	Soil	W-21			3	0.3	2.59	7.6	0.25	10	39.6	0.2	0.26	0.05	4.9	33	17.7	4.92	13	0.11
18250E 17425N	17425N	18250	17425	10 U	418250	5417425	742	Brown	0	Soil	W-21			3	0.3	1.85	2.6	0.25	10	61	0.1	0.48	0.05	5.8	20	16.1	1.83	9	0.07
18250E 17450N	17450N	18250	17450	10 U	418250	5417450	740	Brown	0	Gravel	W-21			11	0.1	2	4	0.25	10	57.3	0.05	0.62	0.1	30.6	25	20	2.85	6	0.05
18250E 17475N	17475N	18250	17475	10 U	418250	5417475	742	Brown	0	Soil	W-21			3	0.05	1.07	3.4	1.4	10	26.2	0.1	0.44	0.05	2.4	17	7.9	1.81	7	0.03
18250E 17500N	17500N	18250	17500	10 U	418250	5417500	742	Brown	0	Soil	W-21			3	0.2	3.37	2.5	1	10	83.6	0.1	0.62	0.3	38.3	33	35	3.33	8	0.11
18250E 17525N	17525N	18250	17525	10 U	418250	5417525	740	Brown	0	Soil	W-21			3	0.1	2.37	2.2	0.25	10	37.9	0.05	0.47	0.05	4.9	16	8.1	3.83	12	0.11
18250E 17550N	17550N	18250	17550	10 U	418250	5417550	731	Brown	0	Soil	W-21			3	0.1	2.4	2.1	0.25	10	65.8	0.05	0.48	0.1	12.3	30	30.9	3.55	8	0.05
18250E 17575N	17575N	18250	17575	10 U	418250	5417575	727	Brown	0	Soil	W-21	7m East, Road. Cut Block		7	0.05	1.84	2.8	14.3	10	32.9	0.05	0.28	0.1	3.1	24	10.8	3.77	10	0.18
18250E 17600N	17600N	18250	17600	10 U	418250	5417600	725	Brown	0	Soil	W-21	Cut Block		18	0.05	2.4	10.3	3.8	10	93.3	0.05	0.84	0.2	15.3	28	63.4	3.45	6	0.08
18250E 17625N	17625N	18250	17625	10 U	418250	5417625	728	Brown	0	Soil	W-21	Cut Block		12	0.2	3.28	33.4	0.25	10	170	0.05	0.54	0.2	17.8	27	54.9	3.78	7	0.06
18250E 17650N	17650N	18250	17650	10 U	418250	5417650	730	Brown	0	Soil	W-21			3	0.05	0.95	1.2	5.3	10	25.2	0.05	0.3	0.05	2.5	17	6.3	1.91	8	0.04
18250E 17675N	17675N	18250	17675	10 U	418250	5417675	733	Brown	0	Soil	W-21			3	0.2	4.03	6	0.25	10	29.1	0.1	0.21	0.05	5.4	38	32.9	6.85	17	0.27
18250E 17700N	17700N	18250	17700	10 U	418250	5417700	732	Brown	0	Soil	W-21			3	0.1	2.16	2.7	0.25	10	29	0.1	0.33	0.05	3.3	20	12	2.99	13	0.14
18250E 17725N	17725N	18250	17725	10 U	418250	5417725	731	Brown	0	Soil	W-21			3	0.2	2.42	5.3	0.6	10	26.4	0.1	0.36	0.05	6	22	41.2	3.05	7	0.18
18250E 17750N	17750N	18250	17750	10 U	418250	5417750	729	Brown	0	Soil	W-21			3	0.05	1.13	1.2	1.1	10	21.1	0.1	0.21	0.05	2.6	27	4.1	2.84	10	0.05
18250E 17775N	17775N	18250	17775	10 U	418250	5417775	729	Black	0	Soil	W-21	Swampy		10	0.3	1.69	1.2	0.25	10	77	0.05	1.58	0.3	2.3	7	31.6	0.39	0.5	0.17
18250E 17800N	17800N	18250	17800	10 U	418250	5417800	728	Black	0	Soil	W-21	Swampy		3	0.05	0.08	1	0.25	10	19.8	0.05	0.4	0.1	0.3	3	3	0.07	0.5	0.08
18250E 17825N	17825N	18250	17825	10 U	418250	5417825	725	brown	0	soil	W-21			3	0.7	5.69	6.8	0.25	10	32.2	0.1	0.15	0.05	4.7	36	57.8	5.33	13	0.38
18250E 17850N	17850N	18250	17850	10 U	418250	5417850	721	brown	0	soil	W-21			3	0.1	2.23	6.1	3.2	10	76.6	0.1	0.31	0.2	5	23	15.4	3.84	10	0.04
18250E 17875N	17875N	18250	17875	10 U	418250	5417875	720	black	0	soil	W-21	bog, 8m west		3	0.7	0.1	1.9	0.6	10	37.2	0.05	0.84	0.3	0.4	3	4.1	0.1	0.5	0.15
18250E 17900N	17900N	18250	17900	10 U	418250	5417900	720	black	0	soil	W-21	bog, 7m west		0	0.1	0.26	1.1	1.4	10	83	0.05	1.6	1.9	3.8	3	9.1	0.16	0.5	0.13
18250E 17925N	17925N	18250	17925	10 U	418250	5417925	719	brown	0	soil	W-21	bog		0	0.2	2.39	1.2	0.25	10	46.2	0.05	0.33	0.2	1.7	7	14.9	0.34	0.5	0.28
										sandy	W-21																		
18250E 17950N	17950N	18250	17950	10 U	418250	5417950	721	brown	0	gravel	South			3	0.1	3.02	4.7	0.8	10	61.5	0.1	0.27	0.2	27.3	22	58.8	4.23	8	0.08
18250E 17975N	17975N	18250	17975	10 U	418250	5417975	723	brown	0	soil	W-21			3	0.3	5.59	4.4	0.25	10	52.7	0.1	0.22	0.3	32.8	22	36.5	4.68	8	0.24
18250E 18000N	18000N	18250	18000	10 U	418250	5418000	730	brown	0	soil	W-21			3	0.1	3.92	4.9	5.8	10	55.8	0.1	0.31	0.3	11.2	24	32.8	3.61	10	0.17
18250E 18025N	18025N	18250	18025	10 U	418250	5418025	737	brown	0	soil	W-21			3	0.05	3.42	3.6	0.25	10	50.6	0.2	0.25	0.1	6.4	31	23.9	5.2	14	0.13
18250E 18050N	18050N	18250	18050	10 U	418250	5418050	738	brown	0	soil	W-21			3	0.1	2.46	1.4	0.25	10	34.1	0.1	0.33	0.05	5	31	20.1	3.67	8	0.11
18250E 18075N	18075N	18250	18075	10 U	418250	5418075	739	brown	0	soil	W-21			3	0.1	4.72	2.5	0.25	10	61.4	0.2	0.21	0.2	45.3	20	29.7	4.34	11	0.08
18250E 18100N	18100N	18250	18100	10 U	418250	5418100	743	brown	0	soil	W-21			3	0.05	2.63	3.3	0.7	10	48.3	0.1	0.3	0.05	7.7	25	28.4	4.5	12	0.12
18250E 18125N	18125N	18250	18125	10 U	418250	5418125	748	brown	0	soil	W-21			3	0.05	1.35	1.9	0.25	10	34.5	0.05	0.26	0.05	2.7	18	10.4	2.55	7	0.05
18250E 18150N	18150N	18250	18150	10 U	418250	5418150	754	brown	0	soil	W-21			3	0.05	1.93	3	1.5	10	36.2	0.2	0.33	0.05	5.8	19	27.2	3.29	10	0.08
18250E 18175N	18175N	18250	18175	10 U	418250	5418175	757	brown	0	soil	W-21	6m East, oco road		3	0.05	2.67	2.2	0.25	10	49.3	0.1	0.31	0.05	6	20	36.3	3.17	10	0.06
18250E 18200N	18200N	18250	18200	10 U	418250	5418200	759	brown	0	so																			

2021 Soil Samples Notes and Assays

SampleID	Label	Grid_East	Grid_North	UTM_Zone	Easting	Northing	Altitude__	Colour	Depth	Soil_Type	Grid	Comments	Meters	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm
										sandy gravel	W-21 South																		
18300E 17625N	17625N	18300	17625	10 U	418300	5417625	719	brown	0			cut block		8	0.1	2.96	23.2	10.6	10	135	0.05	1.18	0.3	18.5	27	62.6	3.71	6	0.1
18300E 17650N	17650N	18300	17650	10 U	418300	5417650	724	brown	0	soil	W-21			3	0.05	3.01	12.5	13.4	10	97.3	0.05	0.71	0.2	18.7	29	55.4	4.17	8	0.07
18300E 17675N	17675N	18300	17675	10 U	418300	5417675	726	brown	0	soil	W-21			3	0.05	1.76	1.1	0.9	10	47.9	0.1	0.53	0.2	7.3	21	15.6	3.39	9	0.05
18300E 17700N	17700N	18300	17700	10 U	418300	5417700	726	brown	0	soil	W-21			3	0.05	1.3	1.2	4.3	10	24.7	0.05	0.37	0.2	4.2	29	12.1	2.81	9	0.03
18300E 17725N	17725N	18300	17725	10 U	418300	5417725	725	brown	0	soil	W-21			3	0.3	3.72	6.4	0.25	10	30.5	0.1	0.31	0.05	7.7	56	24	5.45	10	0.16
18300E 17750N	17750N	18300	17750	10 U	418300	5417750	724	brown	0	soil	W-21			3	0.2	4.43	4.4	0.25	10	23.7	0.05	0.37	0.05	9.4	32	59.6	3.77	8	0.13
18300E 17775N	17775N	18300	17775	10 U	418300	5417775	724	brown	0	soil	W-21			3	0.05	2.03	2.1	0.25	10	28.5	0.1	0.39	0.05	4.9	14	10.5	3.27	12	0.05
18300E 17800N	17800N	18300	17800	10 U	418300	5417800	723	brown	0	soil	W-21			3	0.2	2.79	2.1	1.8	10	23.3	0.1	0.23	0.05	2.9	15	10.5	3.31	15	0.12
18300E 17825N	17825N	18300	17825	10 U	418300	5417825	716	grey	0	soil	W-21	Swampy		3	0.05	1.14	0.7	0.25	10	18.9	0.05	0.05	0.05	0.4	4	2.5	0.52	10	0.03
18300E 17850N	17850N	18300	17850	10 U	418300	5417850	716	grey	0	soil	W-21			3	0.05	1.42	0.9	1.4	10	21.4	0.1	0.05	0.05	0.9	8	4.8	1.18	12	0.03
18300E 17875N	17875N	18300	17875	10 U	418300	5417875	716	brown	0	soil	W-21			3	0.1	1.79	0.7	1	10	46.7	0.05	0.28	0.1	2.1	18	9.6	0.73	12	0.04
18300E 17900N	17900N	18300	17900	10 U	418300	5417900	718	brown	0	soil	W-21	17910N		3	0.05	0.94	1.1	2	10	40.7	0.05	0.18	0.05	1	7	4.5	0.92	10	0.04
18300E 17925N	17925N	18300	17925	10 U	418300	5417925	728	brown	0	soil	W-21	17935N		3	0.05	1.48	1.2	0.25	10	43.7	0.1	0.37	0.05	5.7	17	10.1	2.51	8	0.03
18300E 17950N	17950N	18300	17950	10 U	418300	5417950	732	brown	0	soil	W-21			6	0.05	0.71	1	0.25	10	23.4	0.05	0.32	0.05	1.6	13	3.4	1.25	5	0.02
18300E 17975N	17975N	18300	17975	10 U	418300	5417975	735	brown	0	soil	W-21			3	0.05	0.55	0.25	0.25	10	23.4	0.05	0.13	0.05	0.4	4	1	0.31	6	0.01
18300E 18000N	18000N	18300	18000	10 U	418300	5418000	742	brown	0	soil	W-21			3	0.05	0.7	2.6	0.25	10	31.7	0.1	0.18	0.05	1.4	12	5.9	1.5	11	0.03
18300E 18025N	18025N	18300	18025	10 U	418300	5418025	740	brown	0	soil	W-21			6	0.05	3.63	3.1	0.25	10	35	0.1	0.19	0.05	3.8	30	19.8	4.84	12	0.07
18300E 18050N	18050N	18300	18050	10 U	418300	5418050	740	black	0	soil	W-21	swampy		0	0.1	3.37	1.7	0.25	10	39.7	0.05	0.13	0.1	1.9	6	43.6	0.6	1	0.2
18300E 18075N	18075N	18300	18075	10 U	418300	5418075	743	brown	0	soil	W-21			3	0.05	3.11	3.2	0.25	10	29	0.1	0.18	0.05	4	25	22.5	4.76	12	0.15
18300E 18100N	18100N	18300	18100	10 U	418300	5418100	743	brown	0	sand	W-21			3	0.05	4.51	2.2	0.25	10	36.8	0.1	0.12	0.1	2.8	20	35.3	3.18	8	0.27
18300E 18125N	18125N	18300	18125	10 U	418300	5418125	746	brown	0	soil	W-21	18135N road		3	0.05	2.3	1.5	0.25	10	45.8	0.1	0.31	0.05	7	19	26.4	3.38	11	0.06
18300E 18150N	18150N	18300	18150	10 U	418300	5418150	752	brown	0	soil	W-21			11	0.05	1.52	0.9	2.1	10	37.3	0.1	0.31	0.05	7.5	18	20.4	2.9	9	0.05
18300E 18175N	18175N	18300	18175	10 U	418300	5418175	751	brown	0	soil	W-21			3	0.1	1.58	0.7	0.25	10	29.4	0.1	0.15	0.05	2.8	13	27.1	2.44	9	0.1
18300E 18200N	18200N	18300	18200	10 U	418300	5418200	759	brown	0	soil	W-21		800	3	0.1	2.2	2.8	4.1	10	34.2	0.1	0.2	0.05	4.2	19	24.5	3.71	11	0.1
18350E 17400N	17400N	18350	17400	10 U	418350	5417400	761	brown	0	soil	W-21	poor site		3	0.1	1.5	12.2	0.25	10	60.1	0.05	0.44	0.05	8	22	30.4	2.58	5	0.07
18350E 17425N	17425N	18350	17425	10 U	418350	5417425	748	brown	0	soil	W-21			3	0.2	1.45	41.7	0.25	10	18.8	0.2	0.2	0.05	3.4	14	16.7	4.16	12	0.06
18350E 17450N	17450N	18350	17450	10 U	418350	5417450	744	brown	0	soil	W-21			3	0.3	2.89	54.3	1	10	78.4	0.3	0.37	0.05	9.1	30	46.8	5.9	13	0.09
18350E 17475N	17475N	18350	17475	10 U	418350	5417475	743	brown	0	soil	W-21			3	0.5	3	51.2	0.25	10	30.5	0.1	0.14	0.1	5.1	15	51.7	6.04	12	0.32
18350E 17500N	17500N	18350	17500	10 U	418350	5417500	737	brown	0	soil	W-21			3	0.6	2.28	26.6	0.25	10	76.7	0.05	0.53	0.05	9.7	23	23.3	3.75	9	0.06
18350E 17525N	17525N	18350	17525	10 U	418350	5417525	729	brown	0	soil	W-21	10m south		13	0.5	2.93	36.3	1.9	10	110	0.1	0.54	0.1	13.5	30	49.1	4.15	7	0.09
18350E 17550N	17550N	18350	17550	10 U	418350	5417550	731	brown	0	soil	W-21			3	0.3	2.53	3.9	2.9	10	75	0.05	0.37	0.2	8.3	28	20.7	3.96	10	0.03
18350E 17575N	17575N	18350	17575	10 U	418350	5417575	731	brown	0	soil	W-21			3	0.05	1.68	1.8	0.25	10	47.2	0.05	0.5	0.05	7.8	27	11	3.05	8	0.03
18350E 17600N	17600N	18350	17600	10 U	418350	5417600	746	brown	0	sand	W-21			3	0.9	5.06	10	1	10	33.7	0.1	0.33	0.1	12.4	85	64.2	5.97	12	0.24
18350E 17625N	17625N	18350	17625	10 U	418350	5417625	742	brown	0	soil	W-21	wet		14	0.1	3.55	20.4	1.9	10	107	0.1	0.51	0.1	16.7	26	46.3	4.14	7	0.08
18350E 17650N	17650N	18350	17650	10 U	418350	5417650	749	brown	0	soil	W-21			6	0.3	3.19	20.1	1.4	10	147	0.05	1.15	0.2	14.2	25	54.8	3.2	5	0.12
18350E 17675N	17675N	18350	17675	10 U	418350	5417675	728	brown	0	soil	W-21	wet		3	0.3	5.09	11.6	0.25	10	77.9	0.1	0.36	0.2	14.5	31	87.7	3.4	12	0.11
18350E 17700N	17700N	18350	17700	10 U	418350	5417700	722	brown	0	soil	W-21			3	0.6	2.32	0.25	0.25	10	35.2	0.05	0.34	0.2	3.6	13	17.7	0.29	2	0.21
18350E 17725N	17725N	18350	17725	10 U	418350	5417725	725	brown	0	soil	W-21			6	0.1	3.15	4.1	0.25	10	28.4	0.1	0.37	0.05	5.7	23	13.7	5.09	15	0.2
18350E 17750N	17750N	18350	17750	10 U	418350	5417750	726	brown	0	soil	W-21			3	0.1	3.5	3.7	0.25	10	32.1	0.1	0.22	0.05	4.8	27	29.6	4.61	13	0.19
18350E 17775N	17775N	18350	17775	10 U	418350	5417775	730	brown	0	soil	W-21			3	0.1	3.23	6.7	0.25	10	28.7	0.2	0.21	0.05	3.6	25	19.2	5.52	15	0.21
18350E 17800N	17800N	18350	17800	10 U	418350	5417800	724	brown	0	soil	W-21			3	0.05	2.26	6.3	0.25	10	30.7	0.2	0.23	0.05	3.5	20	17.4	3.61	12	0.09
18350E 17825N	17825N	18350	17825	10 U	418350	5417825	722	brown	0	soil	W-21			3	0.1	3.98	15.3	0.6	10	31.1	0.1	0.11	0.05	3.5	23	34.4	6.59	11	0.14
18350E 17850N	17850N	18350	17850	10 U	418350	5417850	718	brown	0	soil	W-21			3	0.3	3.16	6	0.25	10	32.1	0.2	0.14	0.05	3.4	24	27.7	5.18	14	0.13
18350E 17875N	17875N	18350	17875	10 U	418350	5417875	715	brown	0	Gravel	W-21	swampy		0	0.2	3.18	6	0.25	10	84.4	0.1	0.47	0.6	36.7	13	18.6	2.86	4	0.19
18350E 17900N	17900N	18350	17900	10 U	418350	5417900	717	brown	0	soil	W-21			3	0.05	1.27	2	0.8	10	35.7	0.1	0.33	0.05	3.1	15	2.9	2	8	0.04
18350E 17925N	17925N	18350	17925	10 U	418350	5417925	732	brown	0	soil	W-21			3	0.05	1.5	0.8	0.25	10	44.5	0.2	0.44	0.05	5.6	14	12.6	1.66	9	0.04
18350E 17950N	17950N	18350	17950	10 U	418350																								

2021 Soil Samples Notes and Assays

SampleID	Label	Grid_East	Grid_North	UTM_Zone	Easting	Northing	Altitude_	Colour	Depth	Soil_Type	Grid	Comments	Meters	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm
18400E 17475N	17475N	18400	17475	10 U	418400	5417475	730	brown	0	soil	W-21			92	0.2	3.18	56.6	13.2	10	66.8	0.1	0.22	0.2	7.3	24	45.5	4.83	10	0.14
18400E 17500N	17500N	18400	17500	10 U	418400	5417500	729	brown	0	soil	W-21			8	0.2	3.14	31.5	4.1	10	135	0.05	0.6	0.2	18.5	32	46.6	4.13	6	0.06
18400E 17525N	17525N	18400	17525	10 U	418400	5417525	728	brown	0	wet soil	W-21			3	0.2	3.51	52.2	31.1	10	121	0.1	0.56	0.1	19.7	36	59.6	4.61	10	0.06
18400E 17550N	17550N	18400	17550	10 U	418400	5417550	722	brown	0	rocky	W-21			3	0.2	1.84	7.2	3.2	10	35	0.05	0.56	0.2	8.7	27	23	4.44	12	0.07
18400E 17575N	17575N	18400	17575	10 U	418400	5417575	722	brown	0	rocky soil	W-21	road		3	0.05	2.36	7.3	2.9	10	72.8	0.05	0.73	0.2	19	35	68.5	3.4	6	0.09
18400E 17600N	17600N	18400	17600	10 U	418400	5417600	722	brown	0	Soil	W-21			3	0.1	1.7	23.6	0.25	10	51.4	0.2	0.24	0.2	12.8	9	17.9	3.46	11	0.06
18400E 17625N	17625N	18400	17625	10 U	418400	5417625	726	brown	0	swampy	W-21			16	0.2	1.72	4.8	0.25	10	135	0.05	0.59	0.4	5.1	16	43.7	1.3	3	0.11
18400E 17650N	17650N	18400	17650	10 U	418400	5417650	723	brown	0	soil	W-21			8	0.05	1.9	7.3	0.8	10	40.2	0.1	0.28	0.05	5	19	16	4.35	11	0.07
18400E 17675N	17675N	18400	17675	10 U	418400	5417675	729	brown	0	soil	W-21			7	0.2	2.07	7.6	0.7	10	28	0.2	0.31	0.1	3.5	15	25.5	4.75	12	0.12
18400E 17700N	17700N	18400	17700	10 U	418400	5417700	725	brown	0	soil	W-21			3	0.05	4.51	5.6	0.5	10	30.6	0.2	0.23	0.05	7.1	29	74.8	4.92	13	0.15
18400E 17725N	17725N	18400	17725	10 U	418400	5417725	715	brown	0	soil	W-21			6	0.2	4.82	9.2	0.25	10	37.2	0.1	0.24	0.05	7.4	35	100	6.13	12	0.31
18400E 17750N	17750N	18400	17750	10 U	418400	5417750	715	grey	0	soil	W-21			3	0.05	0.87	2.1	3.7	10	19.9	0.2	0.34	0.05	1.6	10	12	1.46	8	0.05
18400E 17775N	17775N	18400	17775	10 U	418400	5417775	714	brown	0	soil	W-21			9	0.2	6.13	59.6	1.1	10	35.8	0.2	0.18	0.05	6.3	33	92.8	5.5	10	0.17
18400E 17800N	17800N	18400	17800	10 U	418400	5417800	0		0		W-21			3	0.2	2.98	6.4	0.25	10	44.6	0.05	0.23	0.1	10.8	14	51.4	1.97	6	0.08
18400E 17825N	17825N	18400	17825	10 U	418400	5417825	717	brown	0	soil	W-21			3	0.1	1.95	2.7	0.25	10	38.7	0.1	0.23	0.05	3.4	19	11.8	3.87	13	0.07
18400E 17850N	17850N	18400	17850	10 U	418400	5417850	720	brown	0	soil	W-21			8	1	5	4.7	0.25	10	20.8	0.05	0.06	0.1	1.4	19	192	2.12	3	0.29
18400E 17875N	17875N	18400	17875	10 U	418400	5417875	725	brown	0	soil	W-21			3	0.05	1.15	1.2	0.25	10	19.4	0.1	0.27	0.05	2.3	16	3.6	2.52	9	0.04
18400E 17900N	17900N	18400	17900	10 U	418400	5417900	730	brown	0	soil	W-21			3	0.05	1.81	4.8	0.25	10	23.1	0.3	0.17	0.05	3.7	20	20.8	5.96	19	0.1
18400E 17925N	17925N	18400	17925	10 U	418400	5417925	732	brown	0	soil	W-21			3	0.05	4.32	4.6	0.25	10	30.5	0.2	0.24	0.05	7.1	33	41.8	5.31	14	0.06
18400E 17950N	17950N	18400	17950	10 U	418400	5417950	728	brown	0	soil	W-21			3	0.05	2.64	2.4	9.9	10	27.9	0.1	0.18	0.05	3.3	21	26.7	3.66	11	0.11
										sandy	W-21																		
18400E 17975N	17975N	18400	17975	10 U	418400	5417975	730	brown	0	gravel	South			3	0.05	1.84	1.2	0.25	10	34.9	0.1	0.25	0.05	3.9	14	20.4	2.73	12	0.07
18400E 18000N	18000N	18400	18000	10 U	418400	5418000	732	brown	0	soil	W-21			3	0.05	2.51	4.5	2	10	32.2	0.1	0.2	0.05	3	23	19	3.15	10	0.1
18400E 18025N	18025N	18400	18025	10 U	418400	5418025	733	brown	0	soil	W-21			13	0.05	3.77	8.6	2.4	10	29	0.2	0.31	0.05	5.4	23	84.9	4.84	15	0.13
18400E 18050N	18050N	18400	18050	10 U	418400	5418050	738	brown	0	soil	W-21			3	0.05	2.73	3.6	0.25	10	32.2	0.1	0.24	0.05	4.5	25	27.9	3.52	10	0.08
18400E 18075N	18075N	18400	18075	10 U	418400	5418075	740	brown	0	soil	W-21	cut block		3	0.1	3.16	4.6	0.25	10	41.7	0.1	0.2	0.05	5.8	22	34.5	3.64	12	0.13
18400E 18100N	18100N	18400	18100	10 U	418400	5418100	743	brown	0	soil	W-21	cut block		3	0.1	3.13	14.2	0.25	10	43.5	0.2	0.19	0.05	4.3	22	34.6	4.16	11	0.11
18400E 18125N	18125N	18400	18125	10 U	418400	5418125	748	brown	0	soil	W-21	cut block		12	0.05	3.61	17.1	0.25	10	55.4	0.3	0.17	0.05	6.1	26	43.9	6.23	19	0.1
18400E 18150N	18150N	18400	18150	10 U	418400	5418150	752	brown	0	soil	W-21	cut block		3	0.05	1.27	3.3	0.25	10	60.2	0.1	0.12	0.05	2.1	11	6.1	1.9	10	0.03
										sandy	W-21																		
18400E 18175N	18175N	18400	18175	10 U	418400	5418175	752	brown	0	gravel	South	cut block		3	0.05	1.76	1.7	0.7	10	44.1	0.1	0.28	0.05	6.8	14	16.2	2.47	8	0.04
18400E 18200N	18200N	18400	18200	10 U	418400	5418200	762	brown	0	soil	W-21	cut block		3	0.05	1.21	2.8	0.25	10	20.8	0.1	0.19	0.05	2.2	15	3.6	2.05	11	0.02
18450E 17400N	17400N	18450	17400	10 U	418450	5417400	735	brown	0	soil	W-21	cut block		8	0.2	5.78	256	1.8	10	40.7	0.05	0.25	0.05	7	42	63.8	5.77	9	0.17
										sandy	W-21																		
18450E 17425N	17425N	18450	17425	10 U	418450	5417425	731	brown	0	gravel	South	cut block		12	0.1	3.5	32.5	13.4	10	49	0.05	0.31	0.05	11	30	60.1	3.7	8	0.08
										sandy	W-21																		
18450E 17450N	17450N	18450	17450	10 U	418450	5417450	729	brown	0	gravel	South	cut block		12	0.2	3.05	36.4	1.5	10	53.8	0.1	0.26	0.1	7.1	31	58.8	4.97	13	0.14
										sandy	W-21																		
18450E 17475N	17475N	18450	17475	10 U	418450	5417475	726	brown	0	gravel	South	cut block, 7m West, Slash Pile		9	0.3	2.88	54	0.25	10	149	0.05	0.9	0.3	20.5	33	56.9	3.39	5	0.09
										sandy	W-21																		
18450E 17500N	17500N	18450	17500	10 U	418450	5417500	723	brown	0	gravel	South	cut block		30	0.2	3.82	69.2	3.3	10	188	0.05	0.73	0.2	27.2	41	71.2	4.54	6	0.06
18450E 17525N	17525N	18450	17525	10 U	418450	5417525	722	brown	0	soil	W-21	cut block		12	0.2	3.34	56.1	0.25	10	148	0.05	0.76	0.2	19.7	33	63	3.45	6	0.09
18450E 17550N	17550N	18450	17550	10 U	418450	5417550	721	brown	0	soil	W-21	cut block		8	0.2	3.12	51.1	0.25	10	149	0.05	0.86	0.5	23.7	31	59.7	3.25	5	0.13
										sandy	W-21																		
18450E 17575N	17575N	18450	17575	10 U	418450	5417575	719	brown	0	gravel	South	cut block		48	0.2	3.79	141	1.3	10	163	0.1	0.64	0.2	18.7	39	57.5	5.26	10	0.07
18450E 17600N	17600N	18450	17600	10 U	418450	5417600	718	brown	0	soil	W-21	cut block		15	0.2	4.35	53.1	9.2	10	105	0.1	0.58	0.2	18.2	34	59.6	4.48	8	0.11
18450E 17625N	17625N	18450	17625	10 U	418450	5417625	718	brown	0	soil	W-21	cut block		3	0.6	3.38	22.8	0.25	10	64.4	0.05	0.27	0.05	6.5	13	91	5.44	9	0.18
18450E 17650N	17650N	18450	17650	10 U	418450	5417650	712	brown	0	soil	W-21			8	0.1	4.06	73.7	0.25	10	55.3	0.1	0.35	0.1	9.1	30	102	5.14	10	0.11
18450E 17675N	17675N	18450	17675	10 U	418450	5417675	714	brown	0	soil	W-21			15	0.4	5.21	13.4	0.25	10	29.8	0.1	0.35	0.05	7.7	29	102	6.52	12	0.64
18450E 17700N	17700N	18450	17700	10 U	418450	5417700	715	brown	0	soil	W-21			11	0.9	8.01	67.9	0.25	10	27.4	0.05	0.17	0.3	23	18	97.7	2.13	3	0.38
18450E 17725N	17725N	18450	17725	10																									

2021 Soil Samples Notes and Assays

SampleID	Label	Grid_East	Grid_North	UTM_Zone	Easting	Northing	Altitude	Colour	Depth	Soil_Type	Grid	Comments	Meters	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm
18450E 18000N	18000N	18450	18000	10 U	418450	5418000	724	brown	0	soil	W-21			3	0.05	2.03	4.3	1.8	10	30	0.1	0.17	0.05	3	17	14.8	4.22	14	0.1
18450E 18025N	18025N	18450	18025	10 U	418450	5418025	724	brown	0	soil	W-21			3	0.05	1.75	2.6	1.7	10	48.4	0.05	0.18	0.05	2.3	11	24.7	1.34	6	0.09
18450E 18050N	18050N	18450	18050	10 U	418450	5418050	727	brown	0	soil	W-21			3	0.05	2.46	5.5	0.25	10	41.2	0.2	0.25	0.05	4.1	24	25.9	4.71	17	0.13
18450E 18075N	18075N	18450	18075	10 U	418450	5418075	727	brown	0	soil	W-21	damp		3	0.05	5.15	14.8	0.25	10	52.8	0.1	0.23	0.05	6	27	67.5	4.08	9	0.13
18450E 18100N	18100N	18450	18100	10 U	418450	5418100	728	brown	0	soil	W-21	wet		3	0.2	2.28	5.5	0.25	10	85	0.2	0.39	0.1	16.7	15	26.8	2.57	11	0.06
18450E 18125N	18125N	18450	18125	10 U	418450	5418125	732	brown	0	soil	W-21			3	0.05	2.11	15.8	0.25	10	48.7	0.2	0.22	0.05	4.1	24	17.3	4.85	14	0.07
18450E 18150N	18150N	18450	18150	10 U	418450	5418150	741	brown	0	soil	W-21	wet		3	0.2	4.43	8.7	0.25	10	95.5	0.2	0.31	0.2	48.9	21	42.1	3.75	10	0.14
18450E 18175N	18175N	18450	18175	10 U	418450	5418175	744	brown	0	soil	W-21	10m East, road		3	0.2	2.48	9.6	0.25	10	35.5	0.2	0.2	0.05	4.1	22	24.6	4.16	12	0.24
18450E 18200N	18200N	18450	18200	10 U	418450	5418200	752	brown	0	soil	W-21	10m East, road		3	0.1	1.19	11.2	0.25	10	44.2	0.2	0.17	0.05	2.2	12	12.2	2.08	8	0.13
18500E 17400N	17400N	18500	17400	10 U	418500	5417400	737	brown	0	soil	W-21	cut block		10	0.4	1.73	11.7	0.25	10	20.8	0.1	0.24	0.05	2.4	24	5.9	3.19	12	0.17
18500E 17425N	17425N	18500	17425	10 U	418500	5417425	735	brown	0	soil	W-21	cut block		3	0.3	4.82	25.4	0.25	10	41	0.2	0.24	0.05	6.9	41	51.1	7.48	15	0.24
18500E 17450N	17450N	18500	17450	10 U	418500	5417450	726	brown	0	soil	W-21	cut block		7	0.3	1.09	11.3	43.9	10	26.8	0.05	0.3	0.05	2.5	8	10.6	1.86	11	0.03
18500E 17475N	17475N	18500	17475	10 U	418500	5417475	720	brown	0	soil	W-21	cut block		3	0.2	3.41	24.8	0.25	10	47.1	0.05	0.26	0.2	7.3	23	60.1	4.93	10	0.13
18500E 17500N	17500N	18500	17500	10 U	418500	5417500	715	brown	0	soil	W-21	cut block		8	0.2	3.09	14.5	41.6	10	41.8	0.05	0.21	0.2	4.3	18	44.2	4.94	10	0.15
18500E 17525N	17525N	18500	17525	10 U	418500	5417525	716	brown	0	soil	W-21	cut block, swampy		9	0.2	2.76	101	0.25	10	179	0.1	0.66	0.3	23.7	32	57.1	3.49	5	0.1
18500E 17550N	17550N	18500	17550	10 U	418500	5417550	715	brown	0	soil	W-21	cut block		10	0.1	2.84	77.6	1.4	10	162	0.05	0.71	0.2	21.9	35	54.3	3.93	6	0.07
18500E 17575N	17575N	18500	17575	10 U	418500	5417575	708	brown	0	soil	W-21	cut block		351	0.8	3.76	160	8.7	10	119	0.05	0.57	0.2	13.2	37	58.3	4.58	8	0.11
18500E 17600N	17600N	18500	17600	10 U	418500	5417600	712	brown	0	soil	W-21	cut block		17	0.2	2.98	105	83.3	10	134	0.1	0.78	0.2	11.1	38	40	5.41	8	0.06
18500E 17625N	17625N	18500	17625	10 U	418500	5417625	710	brown	0	soil	W-21	cut block, swampy		46	0.2	1.38	26.8	29.7	10	42.1	0.1	0.3	0.05	3.5	13	30.6	5.82	14	0.04
18500E 17650N	17650N	18500	17650	10 U	418500	5417650	720	brown	0	soil	W-21	17655N, road		53	0.3	4.09	18.6	5.4	10	34.2	0.1	0.29	0.1	7.1	23	71.5	6.07	14	0.27
18500E 17675N	17675N	18500	17675	10 U	418500	5417675	714	brown	0	soil	W-21			56	0.2	1.4	149	14.9	10	33.8	0.2	0.24	0.05	2.9	14	16.4	4.22	13	0.18
18500E 17700N	17700N	18500	17700	10 U	418500	5417700	720	brown	0	soil	W-21			3	0.1	2.85	26.2	0.25	10	46.5	0.1	0.36	0.05	12	24	87.8	4.36	12	0.11
18500E 17725N	17725N	18500	17725	10 U	418500	5417725	724	brown	0	soil	W-21	17735N, road		6	0.1	1.5	8.5	2.7	10	55.8	0.2	0.3	0.05	5.7	13	17.7	2.76	9	0.08
18500E 17750N	17750N	18500	17750	10 U	418500	5417750	725	brown	0	soil	W-21			3	0.1	2.02	10	0.25	10	35.2	0.2	0.2	0.05	5.2	19	42.7	4.6	11	0.09
18500E 17775N	17775N	18500	17775	10 U	418500	5417775	732	brown	0	soil	W-21			3	0.05	0.79	1.1	0.25	10	27	0.2	0.22	0.05	1.4	10	2.3	1.55	10	0.03
18500E 17800N	17800N	18500	17800	10 U	418500	5417800	0		0		W-21			3	0.05	3.76	4.2	0.25	10	45.2	0.1	0.34	0.05	7.1	35	38.6	4.67	16	0.09
18500E 17825N	17825N	18500	17825	10 U	418500	5417825	729	brown	0	soil	W-21			12	0.05	0.78	0.7	0.25	10	25.8	0.3	0.22	0.05	1.7	12	3.3	1.73	10	0.03
18500E 17850N	17850N	18500	17850	10 U	418500	5417850	729	brown	0	soil	W-21			3	0.05	1.23	0.8	0.25	10	25.2	0.1	0.21	0.05	1.4	17	6.5	3.02	11	0.13
18500E 17875N	17875N	18500	17875	10 U	418500	5417875	728	brown	0	soil	W-21			3	0.05	2.67	4.5	0.25	10	19.8	0.2	0.19	0.05	2.7	26	28	5.12	18	50.01
18500E 17900N	17900N	18500	17900	10 U	418500	5417900	729	brown	0	soil	W-21			7	0.05	1.88	2	0.25	10	37.6	0.2	0.29	0.05	5.1	17	16.7	2.32	13	50.01
18500E 17925N	17925N	18500	17925	10 U	418500	5417925	730	brown	0	soil	W-21			3	0.05	1.94	5	1.5	10	26.8	0.2	0.15	0.05	2.4	17	15.9	4.02	17	50.01
18500E 17950N	17950N	18500	17950	10 U	418500	5417950	738	brown	0	soil	W-21			12	0.05	1.81	4.5	5.1	10	33.1	0.2	0.23	0.05	2.7	16	17.4	3.03	12	50.01
18500E 17975N	17975N	18500	17975	10 U	418500	5417975	731	brown	0	soil	W-21			13	0.2	2.03	4.3	2.1	10	51.6	0.2	0.24	0.05	5	14	17.9	3.23	15	50.01
18500E 18000N	18000N	18500	18000	10 U	418500	5418000	722	brown	0	soil	W-21			3	0.1	0.92	10.9	0.25	10	31.2	0.1	0.19	0.05	1.8	10	7.5	2.43	11	50.01
18500E 18025N	18025N	18500	18025	10 U	418500	5418025	725	brown	0	soil	W-21	10m North, cut block, road		8	0.2	1.89	7.4	13	10	41.7	0.2	0.27	0.05	6	19	29.7	3.4	13	50.01
18500E 18050N	18050N	18500	18050	10 U	418500	5418050	730	brown	0	soil	W-21	cut block		3	0.2	2.68	7.8	0.25	10	32.3	0.1	0.19	0.05	2.9	22	19.2	4.39	16	50.01
18500E 18075N	18075N	18500	18075	10 U	418500	5418075	730	brown	0	soil	W-21	cut block		3	0.05	1.29	2.7	0.25	10	50.6	0.05	0.42	0.05	2.8	12	6.3	2.17	8	40.1
18500E 18100N	18100N	18500	18100	10 U	418500	5418100	748	brown	0	soil	W-21	rocky, cut block		3	0.2	1.61	10.1	0.25	10	37.3	0.1	0.21	0.05	2.8	15	13.5	2.72	11	50.01
18500E 18125N	18125N	18500	18125	10 U	418500	5418125	752	brown	0	soil	W-21			3	0.2	1.74	6.1	0.25	10	24.8	0.05	0.22	0.05	2.5	16	12.4	2.34	9	50.01
18500E 18150N	18150N	18500	18150	10 U	418500	5418150	741	brown	0	soil	W-21			3	0.1	1.48	5.2	34.9	10	32	0.1	0.14	0.05	2.3	15	4.4	2.95	13	50.01
18500E 18175N	18175N	18500	18175	10 U	418500	5418175	760	brown	0	soil	W-21			3	0.2	2.66	7.3	1.5	10	45.2	0.2	0.25	0.05	4.2	26	26	4.48	13	50.01
18500E 18200N	18200N	18500	18200	10 U	418500	5418200	763	grey	0	soil	W-21			11	0.05	0.61	1.6	4.9	10	16.5	0.05	0.22	0.05	1.5	13	1.2	1.52	6	37.1
18550E 17400N	17400N	18550	17400	10 U	418550	5417400	737	brown	0	soil	W-21			20	0.7	4.52	347	12	10	24	0.05	0.39	0.1	12.2	15	210	10.4	24	50.01
18550E 17425N	17425N	18550	17425	10 U	418550	5417425	731	brown	0	soil	W-21			3	0.2	1.99	17.3	0.25	10	21.1	0.05	0.35	0.05	4.4	33	19.3	3.73	12	50.01
18550E 17450N	17450N	18550	17450	10 U	418550	5417450	722	brown	0	soil	W-21			3	0.3	1.96	13.7	1.3	10	20.3	0.1	0.35	0.05	3.2	18	19.2	3.85	15	50.01
18550E 17475N	17475N	18550	17475	10 U	418550	5417475	719	brown	0	soil	W-21			18	0.6	3.78	46.7	0.25	10	62.1	0.05	0.64	0.2	17.1	30	134	7.24	16	50.01
18550E 17500N	17500N	18550	17500	10 U	418550	5417500	716	brown	0																				

2021 Soil Samples Notes and Assays

SampleID	Label	Grid_East	Grid_North	UTM_Zone	Easting	Northing	Altitude_	Colour	Depth	Soil_Type	Grid	Comments	Meters	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm
18550E 17875N	17875N	18550	17875	10 U	418550	5417875	732	brown	0		W-21	damp		7	0.05	0.93	0.7	0.25	10	17.8	0.1	0.27	0.05	2.3	11	4.2	2.58	13	10.8
18550E 17900N	17900N	18550	17900	10 U	418550	5417900	738	brown	0		W-21	wet		3	0.05	2.21	4.9	0.25	10	26.3	0.2	0.2	0.05	3.4	24	31.6	4.2	12	50.01
18550E 17925N	17925N	18550	17925	10 U	418550	5417925	730	grey	0		W-21			13	0.05	1.32	0.25	0.25	10	31	0.1	0.2	0.05	1.3	8	4.7	0.89	14	27.5
18550E 17950N	17950N	18550	17950	10 U	418550	5417950	724	bown	0		W-21			3	0.2	2.2	12.1	0.25	10	42.8	0.1	0.23	0.1	4.6	20	33.2	4.86	16	43.2
18550E 17975N	17975N	18550	17975	10 U	418550	5417975	723	grey	0		W-21			3	0.05	0.51	0.25	0.25	10	13.3	0.05	0.1	0.05	1.2	13	0.1	1.43	6	0.005
18550E 18000N	18000N	18550	18000	10 U	418550	5418000	722	brown	0		W-21	10m west, road, cut block		3	0.5	3.81	5.5	0.25	10	38.4	0.1	0.22	0.05	8.6	21	73.9	2.98	11	50.01
18550E 18025N	18025N	18550	18025	10 U	418550	5418025	720	brown	0		W-21	cut block		3	0.3	3.48	7.1	0.25	10	26	0.1	0.24	0.05	4.9	30	41.3	4.06	10	50.01
18550E 18050N	18050N	18550	18050	10 U	418550	5418050	726	brown	0		W-21	cut block		10	0.3	2.98	15.1	4	10	27.9	0.3	0.23	0.05	3.8	24	33.2	4.44	14	50.01
18550E 18075N	18075N	18550	18075	10 U	418550	5418075	733	brown	0		W-21	cut block		3	0.2	3.63	15	0.25	10	28.5	0.1	0.22	0.05	4.1	27	44	4.95	13	50.01
18550E 18100N	18100N	18550	18100	10 U	418550	5418100	739	brown	0		W-21	cut block		5	0.05	1.02	5.7	0.25	10	27.5	0.1	0.21	0.05	2.2	13	7.8	2.18	10	50.01
18550E 18125N	18125N	18550	18125	10 U	418550	5418125	747	brown	0		W-21			3	0.05	2.29	4.1	0.25	10	29.3	0.1	0.2	0.05	2.8	19	19	3.07	10	50.01
18550E 18150N	18150N	18550	18150	10 U	418550	5418150	746	brown	0		W-21			3	0.3	1.67	7.6	0.25	10	32.2	0.1	0.16	0.05	2.4	17	9.9	3.02	12	50.01
18550E 18175N	18175N	18550	18175	10 U	418550	5418175	745	brown	0		W-21			3	0.05	0.57	1.9	0.5	10	34.5	0.05	0.16	0.05	1	9	2.4	1.15	5	33.7
18550E 18200N	18200N	18550	18200	10 U	418550	5418200	748	brown	0		W-21			13	0.1	3.27	3.3	4.2	10	59.5	0.2	0.27	0.05	5.1	16	29.5	4.16	13	50.01
18600E 17400N	17400N	18600	17400	10 U	418600	5417400	732	brown	0	soil	W-21	cut block		5	0.2	4.21	13.9	0.25	10	29.2	0.1	0.25	0.05	6.8	31	68.7	5.6	12	50.01
18600E 17425N	17425N	18600	17425	10 U	418600	5417425	728	brown	0	soil	W-21	cut block		15	0.2	2.12	8.8	5	10	27.7	0.1	0.39	0.05	6	20	32.6	3.04	11	50.01
18600E 17450N	17450N	18600	17450	10 U	418600	5417450	724	brown	0	soil	W-21	cut block		5	0.1	1.83	3.9	0.25	10	19.7	0.1	0.29	0.05	2.6	19	11.8	3.11	13	50.01
18600E 17475N	17475N	18600	17475	10 U	418600	5417475	715	brown	0	soil	W-21	cut block		14	0.05	1.32	0.25	0.25	10	24.6	0.05	0.17	0.05	1.4	9	11.3	1.13	8	18.3
18600E 17500N	17500N	18600	17500	10 U	418600	5417500	712	brown	0	soil	W-21	cut block		71	0.2	2.34	8.3	0.25	10	34.9	0.05	0.2	0.05	3.3	18	39.2	5.18	15	50.01
18600E 17525N	17525N	18600	17525	10 U	418600	5417525	718	black	0	soil	W-21	swampy		6	0.5	0.73	5	0.25	10	272	0.05	2.66	0.6	7.1	5	26.5	0.38	0.5	50.01
18600E 17550N	17550N	18600	17550	10 U	418600	5417550	722	brown	0	soil	W-21	18610E, swamp		36	0.1	3.9	154	0.9	10	47	0.05	0.32	0.2	10.8	24	105	3.93	8	50.01
18600E 17575N	17575N	18600	17575	10 U	418600	5417575	726	brown	0	soil	W-21	18590E, swamp		0	0.1	1.5	64.7	0.25	10	50.1	0.1	0.34	0.05	2.3	12	10.2	3.01	12	50.01
18600E 17600N	17600N	18600	17600	10 U	418600	5417600	720	brown	0	soil	W-21			0	0.05	1.11	2	0.25	10	16.4	0.6	0.35	0.05	2	8	12.9	0.83	11	20
18600E 17625N	17625N	18600	17625	10 U	418600	5417625	722	brown	0	soil	W-21			29	0.9	6.35	38.4	2.7	10	14.8	0.3	0.16	0.05	10	28	212	8.16	16	50.01
18600E 17650N	17650N	18600	17650	10 U	418600	5417650	725	brown	0	soil	W-21			0	0.3	2.35	10.1	10.4	10	17	0.4	0.41	0.05	8.5	17	184	7.6	15	50.01
18600E 17675N	17675N	18600	17675	10 U	418600	5417675	724	brown	0	soil	W-21			9	0.2	2.48	8.4	0.25	10	23.8	0.2	0.3	0.05	7.8	18	76.4	6.24	14	50.01
18600E 17700N	17700N	18600	17700	10 U	418600	5417700	713	brown	0	soil	W-21			19	0.3	2.85	9.9	0.25	10	29.4	0.2	0.54	0.05	11.7	16	138	5.59	16	50.01
18600E 17725N	17725N	18600	17725	10 U	418600	5417725	697	brown	0	soil	W-21	cut block		0	0.2	1.52	3.9	4	10	21.9	0.1	0.55	0.05	4.2	18	8.9	3.02	13	25.4
18600E 17750N	17750N	18600	17750	10 U	418600	5417750	709	brown	0	soil	W-21			5	0.2	1.74	5	1.2	10	21.2	0.2	0.31	0.05	4.8	17	64.4	4.97	14	50.01
18600E 17775N	17775N	18600	17775	10 U	418600	5417775	715	brown	0	soil	W-21			6	0.05	3.69	4.8	0.25	10	26.2	0.2	0.35	0.05	8.2	35	125	4.56	12	50.01
18600E 17800N	17800N	18600	17800	10 U	418600	5417800	712	brown	0	soil	W-21			0	0.5	1.04	0.25	873	10	13.1	0.2	0.57	0.05	4.7	5	35.8	2.46	11	50.01
18600E 17825N	17825N	18600	17825	10 U	418600	5417825	726	borwn	0	soil	W-21	rocky		30	0.1	1.52	1.9	12.5	10	15.5	0.3	0.75	0.05	6.8	7	143	4.84	20	50.01
18600E 17850N	17850N	18600	17850	10 U	418600	5417850	724	borwn	0	soil	W-21			27	0.05	1.08	1.1	5.1	10	20.6	0.1	0.31	0.05	2.4	11	17.3	2.3	10	41.6
18600E 17875N	17875N	18600	17875	10 U	418600	5417875	716	borwn	0	soil	W-21			0	0.05	3.07	4.8	2.1	10	25	0.2	0.18	0.05	2.6	19	34.1	2.98	9	50.01
18600E 17900N	17900N	18600	17900	10 U	418600	5417900	716	borwn	0	soil	W-21			0	0.05	0.77	0.9	0.25	10	16	0.05	0.12	0.05	1.7	13	3.2	2.07	9	47.8
18600E 17925N	17925N	18600	17925	10 U	418600	5417925	714	borwn	0	soil	W-21	swampy		7	0.05	1.68	2.9	0.25	10	37.6	0.4	0.33	0.05	5.8	16	18.2	2.41	13	27.3
18600E 17950N	17950N	18600	17950	10 U	418600	5417950	713	borwn	0	gravel	W-21			3	0.1	2.73	10.7	0.25	10	50.1	0.2	0.58	0.05	10.1	25	65.5	3.55	10	50.01
18600E 17975N	17975N	18600	17975	10 U	418600	5417975	715	borwn	0	soil	W-21	17985N, road		7	0.4	1.92	4.2	0.25	10	48.2	0.1	0.28	0.1	5.2	12	41.7	2.28	9	50.01
18600E 18000N	18000N	18600	18000	10 U	418600	5418000	722	borwn	0	soil	W-21	cut block		3	0.2	2.35	16.7	0.25	10	62.9	0.3	0.52	0.05	3.6	15	26.8	3.99	15	50.01
18600E 18025N	18025N	18600	18025	10 U	418600	5418025	721	borwn	0	soil	W-21	cut block		4	0.2	3.04	9.7	0.25	10	48.6	0.2	0.22	0.05	4.4	17	47.9	3.64	12	50.01
18600E 18050N	18050N	18600	18050	10 U	418600	5418050	731	borwn	0	soil	W-21	cut block		9	0.1	2.34	4.4	0.25	10	47.6	0.2	0.22	0.05	5.5	19	28.3	4.11	13	49.4
18600E 18075N	18075N	18600	18075	10 U	418600	5418075	735	borwn	0	soil	W-21	cut block		4	0.05	2.94	5.3	0.25	10	64	0.2	0.35	0.1	9	26	28	4.72	13	50.01
18600E 18100N	18100N	18600	18100	10 U	418600	5418100	744	borwn	0	soil	W-21			3	0.05	2.16	3.2	0.25	10	62	0.1	0.33	0.05	4.1	18	17.8	3.46	12	0.005
18600E 18125N	18125N	18600	18125	10 U	418600	5418125	750	borwn	0	soil	W-21			3	0.05	1.04	0.7	0.25	10	55.8	0.1	0.23	0.05	2.1	11	4.8	1.54	7	20.4
18600E 18150N	18150N	18600	18150	10 U	418600	5418150	763	borwn	0	soil	W-21			3	0.05	1.44	1.7	0.25	10	30.3	0.1	0.19	0.05	2.2	10	2.8	2.1	11	24.1
18600E 18175N	18175N	18600	18175	10 U	418600	5418175	764	borwn	0	soil	W-21			3	0.05	2.71	2.4	0.25	10	56.2	0.2	0.26	0.05	19.3	19	38.2	4.18	12	14.3
18600E 18200N	18200N	18600	18200	10 U	418600	5418200	765	borwn	0	soil	W-21			3															

2021 Soil Samples Notes and Assays

SampleID	Label	Grid_East	Grid_North	UTM_Zone	Easting	Northing	Altitude__	Colour	Depth	Soil_Type	Grid	Comments	Meters	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm
18650E 17700N	17700N	18650	17700	10 U	418650	5417700	704	brown	0	sandy gravel	W-21 South			23	0.2	3.76	25.9	36.6	10	119	0.1	0.84	0.3	21.7	25	72.3	3.52	7	50.01
18650E 17725N	17725N	18650	17725	10 U	418650	5417725	707	brown	0	soil	W-21	cut block		3	0.2	3.42	3.9	0.25	10	23.6	0.1	0.68	0.05	20.4	21	216	6.13	16	50.01
18650E 17750N	17750N	18650	17750	10 U	418650	5417750	710	brown	0	soil	W-21	cut block		3	0.2	1.38	2.6	0.25	10	14.4	0.1	0.34	0.05	3.5	17	15.1	3.35	13	50.01
18650E 17775N	17775N	18650	17775	10 U	418650	5417775	713	brown	0	gravel	W-21	out crop		49	0.2	3.86	6.8	27.3	60	22.1	0.2	3.54	0.5	42.5	3	491	8.86	20	50.01
18650E 17800N	17800N	18650	17800	10 U	418650	5417800	712	brown	0	soil	W-21	10m North, out crop		13	0.1	1.83	1.2	0.25	10	29	0.3	0.41	0.05	5.6	15	95.5	3.73	14	44.9
18650E 17825N	17825N	18650	17825	10 U	418650	5417825	705	brown	0	soil	W-21			25	0.1	1.15	1.1	10.9	10	18.3	0.3	0.35	0.05	4.2	10	599	3.27	12	41.3
18650E 17850N	17850N	18650	17850	10 U	418650	5417850	703	brown	0	gravel	W-21	out crop, swampy		7	0.05	2.57	3.5	0.25	10	27.5	0.05	0.35	0.05	6.1	23	91.7	2.86	7	50.01
18650E 17875N	17875N	18650	17875	10 U	418650	5417875	706	brown	0	soil	W-21			3	0.05	1.28	1.2	0.25	10	25.6	0.1	0.14	0.05	1.6	13	10	2.03	9	30.2
18650E 17900N	17900N	18650	17900	10 U	418650	5417900	708	brown	0	soil	W-21			3	0.1	2.71	4.4	0.25	10	48.8	0.2	0.25	0.05	5.8	20	96.1	3.53	12	50.01
18650E 17925N	17925N	18650	17925	10 U	418650	5417925	708	brown	0	soil	W-21			3	0.05	2.13	1.6	0.25	10	68.2	0.2	0.4	0.05	6.4	15	16	2.57	17	43.5
18650E 17950N	17950N	18650	17950	10 U	418650	5417950	712	brown	0	soil	W-21	cut block		5	0.3	3.97	3.3	0.25	10	140	0.2	0.96	0.5	72.2	14	51.3	2.56	4	50.01
18650E 17975N	17975N	18650	17975	10 U	418650	5417975	715	brown	0	soil	W-21	cut block		8	0.05	2.08	5.3	0.25	10	77.5	0.2	0.25	0.05	5.7	19	35.7	5.02	14	9.63
18650E 18000N	18000N	18650	18000	10 U	418650	5418000	719	brown	0	soil	W-21	cut block		7	0.2	2.6	5.8	0.25	10	54	0.2	0.16	0.1	3.9	17	34.2	4.26	12	50.01
18650E 18025N	18025N	18650	18025	10 U	418650	5418025	724	brown	0	soil	W-21	cut block		3	0.2	2.69	5.8	0.25	10	30.5	0.2	0.15	0.05	2.6	19	29.7	4.1	16	50.01
18650E 18050N	18050N	18650	18050	10 U	418650	5418050	731	brown	0	soil	W-21	cut block		3	0.2	5.97	10.3	0.25	10	26.7	0.2	0.12	0.05	3.1	29	60.3	6.39	18	50.01
18650E 18075N	18075N	18650	18075	10 U	418650	5418075	736	brown	0	soil	W-21			3	0.05	2.91	3	0.25	10	38.4	0.2	0.24	0.05	4.9	23	27.3	3.97	15	50.01
18650E 18100N	18100N	18650	18100	10 U	418650	5418100	741	brown	0	soil	W-21			4	0.05	4.47	5.8	0.25	10	33.5	0.2	0.19	0.05	4.8	31	28.6	6.3	17	50.01
18650E 18125N	18125N	18650	18125	10 U	418650	5418125	747	brown	0	soil	W-21			3	0.05	2.6	2.8	0.25	10	34.6	0.2	0.25	0.05	4.5	21	35.7	3.52	12	50.01
18650E 18150N	18150N	18650	18150	10 U	418650	5418150	751	brown	0	soil	W-21			3	0.1	2.22	2.5	0.25	10	32.9	0.2	0.2	0.05	3.4	20	14.1	3.28	14	50.01
18650E 18175N	18175N	18650	18175	10 U	418650	5418175	755	brown	0	soil	W-21			3	0.05	1.25	2.9	0.25	10	20.2	0.1	0.21	0.05	2.5	16	5.8	2.51	11	36.6
18650E 18200N	18200N	18650	18200	10 U	418650	5418200	758	brown	0	soil	W-21			11	0.3	4.48	5.2	0.25	10	28.5	0.2	0.34	0.05	7.7	21	109	5.67	15	50.01
18700E 17400N	17400N	18700	17400	10 U	418700	5417400	719	borwn	0	soil	W-21	cutblock		3	0.1	3.41	21.3	0.25	10	50.7	0.05	0.53	0.05	11.5	24	86.8	4.18	10	50.01
18700E 17425N	17425N	18700	17425	10 U	418700	5417425	708	borwn	0	soil	W-21	cutblock		9	0.7	3.05	76	0.25	10	83.9	0.1	1.13	0.5	69.7	21	148	4	9	50.01
18700E 17450N	17450N	18700	17450	10 U	418700	5417450	712	borwn	0	soil	W-21	cutblock, out crop		5	0.2	2.15	78.5	0.25	10	28.8	0.1	0.41	0.05	5.7	21	57.1	3.99	13	46
18700E 17475N	17475N	18700	17475	10 U	418700	5417475	706	borwn	0	soil	W-21	cutblock		23	0.4	3.58	169	0.25	10	47.7	0.1	0.43	0.2	13.3	23	173	4.77	12	39.2
18700E 17500N	17500N	18700	17500	10 U	418700	5417500	707	borwn	0	soil	W-21			4	0.1	1.37	31.6	0.25	10	38.1	0.1	0.59	0.2	9.2	15	32.1	2.62	7	42.5
18700E 17525N	17525N	18700	17525	10 U	418700	5417525	703	borwn	0	soil	W-21			9	0.2	5.46	47.8	0.25	10	27.9	0.1	0.29	0.05	8.2	34	91.5	5.97	11	50.01
18700E 17550N	17550N	18700	17550	10 U	418700	5417550	702	borwn	0	soil	W-21			10	0.2	3.35	882	440	10	121	0.3	0.66	0.2	138	27	57	9.38	20	50.01
18700E 17575N	17575N	18700	17575	10 U	418700	5417575	714	borwn	0	soil	W-21			3	0.1	2.86	48.3	0.25	10	45.2	0.1	0.32	0.05	6.9	27	36.1	5.51	16	2.42
18700E 17600N	17600N	18700	17600	10 U	418700	5417600	709	borwn	0	soil	W-21	bog		4	0.2	1.75	6.7	0.25	10	27.4	0.2	0.62	0.05	9.4	23	24.3	3.96	13	15.3
18700E 17625N	17625N	18700	17625	10 U	418700	5417625	704	borwn	0	soil	W-21			5	0.05	1.19	4.7	0.25	10	34	0.3	0.34	0.05	4.3	13	26.3	5.05	17	0.005
18700E 17650N	17650N	18700	17650	10 U	418700	5417650	713	borwn	0	soil	W-21			3	0.1	1.12	3.1	0.25	10	31.8	0.1	0.29	0.05	2.2	13	1.1	2.65	15	0.005
18700E 17675N	17675N	18700	17675	10 U	418700	5417675	700	borwn	0	soil	W-21			3	0.2	1.19	3.4	0.25	10	19.6	0.1	0.38	0.05	3.2	9	0.8	3.78	16	50.01
18700E 17700N	17700N	18700	17700	10 U	418700	5417700	717	borwn	0	soil	W-21	rocky		1	0.1	3.48	11.3	0.25	10	60.9	0.1	0.57	0.05	6.2	18	40.7	5.67	18	50.01
18700E 17725N	17725N	18700	17725	10 U	418700	5417725	701	borwn	0	soil	W-21			0	0.3	4	32.2	0.25	10	100	0.05	0.72	0.3	27.8	27	61.2	3.58	7	50.01
18700E 17750N	17750N	18700	17750	10 U	418700	5417750	705	borwn	0	soil	W-21	cut block		3	0.2	3.7	5.5	0.25	10	35.8	0.1	0.42	0.1	5.6	24	69.3	4.01	9	50.01
18700E 17775N	17775N	18700	17775	10 U	418700	5417775	703	borwn	0	soil	W-21	cut block		11	0.05	1.46	4.2	0.25	10	28.4	0.2	0.43	0.05	4.6	19	14.4	3.1	14	0.005
18700E 17800N	17800N	18700	17800	10 U	418700	5417800	701	borwn	0	soil	W-21	cut block		16	0.1	1.56	1.5	0.25	10	23	0.2	0.34	0.05	3.5	16	38.2	3.85	15	36.8
18700E 17825N	17825N	18700	17825	10 U	418700	5417825	682	borwn	0	soil	W-21			0	0.2	3.35	4.9	0.25	10	30.4	0.2	0.33	0.05	5.6	25	64.3	3.87	8	50.01
18700E 17850N	17850N	18700	17850	10 U	418700	5417850	689	borwn	0	soil	W-21			6	0.05	1.35	0.6	0.25	10	36.4	0.2	0.27	0.05	3.3	14	12.7	2.38	10	11.7
18700E 17875N	17875N	18700	17875	10 U	418700	5417875	685	borwn	0	soil	W-21	17890N		8	0.1	3	11	0.25	10	90.2	0.2	0.65	0.2	29.9	28	81.4	3.73	8	50.01
18700E 17900N	17900N	18700	17900	10 U	418700	5417900	705	borwn	0	soil	W-21			7	0.1	2.72	9	0.25	10	68.3	0.1	0.58	0.1	20.2	23	73	3.33	8	50.01
18700E 17925N	17925N	18700	17925	10 U	418700	5417925	705	borwn	0	soil	W-21	17983N, cut block		10	0.2	2.73	4.5	0.25	10	91.6	0.1	0.43	0.2	5.6	15	66.5	3.6	11	50.01
18700E 17950N	17950N	18700	17950	10 U	418700	5417950	710	borwn	0	soil	W-21	cut block		0	0.1	1.7	4	0.25	10	49.4	0.2	0.28	0.05	4	16	33.8	4.53	14	12.7
18700E 17975N	17975N	18700	17975	10 U	418700	5417975	719	borwn	0	soil	W-21	cut block		8	0.05	0.79	0.25	0.25	10	55	0.1	0.29	0.05	2.2	11	1.2	1.56	8	0.005
18700E 18000N	18000N	18700	18000	10 U	418700	5418000	718	borwn	0	soil	W-21	cut block		3	0.3	5.04	14.8	0.25	10	141	0.2	0.66	1.3	111	18	74.5	3.05	7	50.01
18700E 18025N	18025N	18700	18025	10 U																									

2021 Soil Samples Notes and Assays

SampleID	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Report
16700E 18750N	0.05	12	0.33	1030	0.4	0.019	6.3	0.063	17.5	0.5	0.3	3.7	0.25	54	0.1	0.7	0.112	0.05	81	0.1	41	
16700E 18800N	0.11	14	0.96	701	0.9	0.036	17.2	0.117	4.4	0.5	0.2	7.3	0.25	62	0.1	2.2	0.165	0.05	92	0.6	51	
16700E 18850N	0.06	10	0.57	302	1.8	0.02	12.1	0.059	4.7	0.5	0.2	5.2	0.25	36	0.1	1.8	0.126	0.05	91	0.5	47	
16700E 18900N	0.05	9	0.42	353	1	0.021	8.1	0.138	6.7	0.5	0.2	5.4	0.25	28	0.1	2.1	0.12	0.05	100	0.3	44	
16700E 18950N	0.06	9	0.45	359	1.2	0.018	9.6	0.105	6.2	0.5	0.2	4.9	0.25	21	0.1	1.7	0.089	0.05	85	0.5	46	
16700E 19000N	0.05	8	0.47	271	1.1	0.02	10.3	0.106	3.7	0.5	0.1	6.4	0.6	18	0.1	3.1	0.095	0.05	81	1	39	
16700E 19050N	0.06	12	0.52	623	1.8	0.018	10.4	0.07	6.3	0.5	0.2	5	0.25	25	0.1	1.7	0.108	0.05	76	0.5	50	
16700E 19100N	0.05	14	0.42	1890	2.8	0.019	8.2	0.027	5.7	0.5	0.2	4.2	0.25	31	0.1	1.5	0.116	0.1	80	0.4	38	
16700E 19150N	0.05	16	0.54	1110	2.4	0.022	11.4	0.072	4.3	0.5	0.1	4.3	1	27	0.1	1	0.096	0.05	76	2.7	41	
16700E 19200N	0.04	10	0.58	234	0.9	0.019	8.4	0.03	4.1	0.5	0.2	6.5	0.25	38	0.1	2.7	0.139	0.05	86	0.3	27	
16700E 19250N	0.03	9	0.28	357	1.9	0.018	4.7	0.021	5.5	0.5	0.1	2.7	0.25	29	0.1	0.8	0.109	0.05	70	0.2	24	
16700E 19300N	0.03	6	0.18	155	4.3	0.018	4.4	0.041	4.6	0.5	0.1	2.3	0.25	19	0.1	1.4	0.082	0.05	74	0.1	19	
16700E 19350N	0.03	6	0.25	237	1.8	0.019	5.9	0.054	5.3	0.5	0.1	3	0.25	21	0.1	1.6	0.103	0.05	77	0.3	23	
16750E 18750N	0.07	9	0.66	271	1.7	0.019	12	0.182	5	0.5	0.2	5.5	0.25	46	0.1	1.9	0.148	0.05	100	0.5	37	
16750E 18800N	0.06	12	0.62	353	4.6	0.021	13.7	0.202	6	0.5	0.2	6.7	0.7	30	0.1	2.7	0.145	0.05	108	0.5	69	
16750E 18850N	0.04	6	0.27	167	0.7	0.018	6.7	0.057	4.6	0.5	0.2	3.2	0.25	23	0.1	1.2	0.091	0.05	75	0.4	22	
16750E 18900N	0.03	12	0.23	158	0.5	0.015	3.2	0.038	5.1	0.5	0.2	6.3	0.25	57	0.1	1.6	0.161	0.05	132	0.1	17	
16750E 18950N	0.05	9	0.68	263	0.9	0.02	11	0.128	5.2	0.5	0.2	6.3	0.9	35	0.1	2.5	0.115	0.05	117	0.4	58	
16750E 19000N	0.08	13	0.99	944	0.6	0.029	13.9	0.102	8.7	0.5	0.2	5.8	0.7	60	0.1	1	0.121	0.05	86	0.3	52	
16750E 19050N	0.06	9	0.56	406	1	0.022	10.4	0.097	5.6	0.5	0.2	5.4	0.25	29	0.1	2.1	0.118	0.05	93	0.4	42	
16750E 19100N	0.05	7	0.31	288	1.2	0.017	5.6	0.071	7.4	0.5	0.2	3.2	0.25	21	0.1	1	0.08	0.05	87	0.2	27	
16750E 19150N	0.05	20	0.52	2870	8.1	0.019	9	0.038	5.5	0.5	0.2	5.6	0.7	27	0.1	2	0.102	0.1	76	0.5	36	
16750E 19200N	0.05	9	0.57	287	1.9	0.023	12.1	0.139	5.1	0.5	0.2	5.8	0.8	22	0.1	3.5	0.139	0.05	82	0.9	43	
16750E 19250N	0.07	8	0.49	238	1.3	0.021	10	0.15	4.9	0.5	0.2	5.2	0.25	27	0.1	3	0.156	0.05	114	0.3	41	
16750E 19300N	0.03	7	0.26	149	1.9	0.017	4	0.034	4.9	0.5	0.1	2.7	0.25	24	0.1	1	0.129	0.05	88	0.2	17	
16750E 19350N	0.03	7	0.18	152	1.6	0.017	4.7	0.066	4.8	0.5	0.1	2.6	0.5	19	0.1	1	0.086	0.05	67	1.6	29	
16800E 18750N	0.03	10	0.29	166	0.7	0.018	4.5	0.071	7.7	0.5	0.2	3.7	0.25	50	0.1	1.4	0.161	0.05	123	0.3	25	
16800E 18800N	0.05	9	0.53	323	1.2	0.02	9.9	0.083	6.1	0.5	0.2	4.3	0.25	34	0.1	1.5	0.118	0.05	82	0.4	38	
16800E 18850N	0.07	9	0.72	327	1.1	0.022	15.4	0.069	6.2	0.5	0.2	5.3	0.25	35	0.1	2.2	0.132	0.05	87	0.6	49	
16800E 18900N	0.06	13	1.25	414	2.6	0.026	14.8	0.057	3.8	0.5	0.1	7	0.25	59	0.1	1.9	0.212	0.05	117	0.5	50	
16800E 18950N	0.06	11	0.63	291	0.9	0.02	8.5	0.16	6.9	0.5	0.2	6.6	0.5	31	0.1	1.8	0.123	0.05	105	0.3	51	
16800E 19000N	0.09	19	1	2240	0.6	0.029	15.5	0.116	6.3	0.5	0.2	6.6	0.25	52	0.1	1.2	0.123	0.05	94	0.2	80	
16800E 19050N	0.04	9	0.47	273	0.5	0.018	6.6	0.097	6.6	0.5	0.2	5.5	0.25	39	0.1	1.5	0.155	0.05	138	0.2	35	
16800E 19100N	0.05	14	0.47	261	2	0.015	7.4	0.065	6.3	0.5	0.2	4.9	0.25	50	0.1	1	0.11	0.05	105	0.2	40	
16800E 19150N	0.05	7	0.58	237	1	0.022	10.1	0.087	5.2	0.5	0.2	5.5	0.7	34	0.1	3.3	0.161	0.05	98	0.5	39	
16800E 19200N	0.04	7	0.35	273	1.3	0.026	8.6	0.083	6.1	0.5	0.2	4.6	0.25	24	0.1	1.9	0.131	0.05	88	0.3	30	
16800E 19250N	0.02	7	0.19	146	0.9	0.017	5.2	0.036	4.9	0.5	0.2	3.8	0.25	22	0.1	1.8	0.122	0.05	105	0.05	19	
16800E 19300N	0.02	6	0.13	138	0.5	0.018	3.5	0.038	4.6	0.5	0.1	2.1	0.25	20	0.1	1	0.097	0.05	95	0.1	18	
16800E 19350N	0.03	6	0.15	134	1.1	0.019	4.2	0.091	6.2	0.5	0.2	2.7	0.25	21	0.1	1.5	0.14	0.05	103	0.2	20	
16850E 18750N	0.04	9	0.39	239	1.1	0.023	7.7	0.078	5.6	0.5	0.2	4.8	0.25	33	0.1	1.6	0.123	0.05	80	0.3	29	
16850E 18800N	0.03	6	0.53	161	2.1	0.022	37.2	0.018	2.5	0.5	0.2	6.3	0.25	15	0.1	1.1	0.258	0.05	117	0.1	28	
16850E 18850N	0.04	12	0.49	204	1.5	0.019	7.2	0.043	5.5	0.5	0.2	5.6	0.25	59	0.1	1.9	0.161	0.05	111	0.05	39	
16850E 18900N	0.04	9	0.47	244	0.7	0.02	7.7	0.181	7.4	0.5	0.2	5.8	0.25	40	0.1	2.6	0.138	0.05	109	0.2	37	
16850E 18950N	0.06	18	0.56	447	0.4	0.022	8.9	0.073	5.2	0.5	0.1	7.1	0.25	53	0.1	1.6	0.101	0.05	107	0.05	43	
16850E 19000N	0.1	15	1.21	496	0.6	0.018	17.7	0.145	4	0.5	0.1	9.5	0.25	41	0.1	2	0.051	0.05	151	0.6	81	
16850E 19050N	0.09	19	0.99	770	0.5	0.026	14.4	0.133	6.8	0.5	0.2	6.7	0.25	66	0.1	1.3	0.124	0.05	94	0.4	70	
16850E 19100N	0.05	43	0.54	203	1.9	0.02	7.7	0.052	4.1	0.5	0.2	8.9	2.7	31	0.1	0.4	0.095	0.05	68	0.8	29	
16850E 19150N	0.07	11	0.78	267	1.4	0.019	11	0.226	5.9	0.5	0.2	7.6	0.25	44	0.1	2.6	0.187	0.05	135	0.5	48	
16850E 19200N	0.04	7	0.33	249	1	0.024	7.5	0.139	7.1	0.5	0.2	4.8	0.25	20	0.1	2.2	0.123	0.05	92	0.4	26	
16850E 19250N	0.03	6	0.28	157	1.4	0.021	7.7	0.076	4.8	0.5	0.2	4.5	0.25	19	0.1	3.7	0.146	0.05	113	0.3	29	
16850E 19300N	0.02	6	0.11	108	0.9	0.014	2.7	0.037	4.8	0.5	0.2	2.3	0.25	17	0.1	1.3	0.125	0.05	96	0.05	14	
16850E 19350N	0.05	9	0.41	250	1.1	0.026	11.8	0.03	3.7	0.5	0.2	5.2	0.25	25	0.1	2.2	0.131	0.05	80	0.6	26	
16900E 18750N	0.1	14	1.02	612	0.8	0.028	17	0.103	4.3	0.5	0.2	8.1	0.25	52	0.1	2.6	0.177	0.05	106	0.5	52	
16900E 18800N	0.02	14	0.19	130	1.1	0.014	3.9	0.04	4.3	0.5	0.2	3.4	0.25	20	0.1	1.8	0.042	0.05	86	0.1	25	
16900E 18850N	0.05	8	0.7	312	2.9	0.022	15.2	0.109	4.8	0.5	0.2	5.1	0.25	34	0.1	2.1	0.141	0.05	94	0.7	49	
16900E 18900N	0.03	11	0.56	193	0.7	0.017	8	0.098	5.8	0.5	0.1	6.1	0.25	53	0.1	2.1	0.161	0.05	138	0.05	42	
16900E 18950N	0.04	13	0.64	251	1.3	0.019	10.5	0.07	5.4	0.5	0.2	7	0.25	50	0.1	2.3	0.122	0.05	125	0.2	42	
16900E 19000N	0.04	10	0.51	207	0.7	0.017	7.5	0.169	6	0.5	0.2	5.7	0.25	34	0.1	1.9	0.106	0.05	106	0.1	42	
16900E 19050N	0.05	11	0.66	330	1	0.018	10.8	0.115	6.2	0.5	0.2	6.1	0.25	39	0.1	2	0.101	0.05	108	0.3	44	
16900E 19100N	0.05	16	0.77	395	2	0.024	15.6	0.058	3.6	0.5	0.1	6.4	0.25	47	0.1	3	0.105	0.05	90	0.4	56	

2021 Soil Samples Notes and Assays

SampleID	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Report
16900E 19150N	0.1	18	1.15	1130	1.1	0.032	17.4	0.106	4	0.5	0.2	7.8	0.25	52	0.1	2.2	0.132	0.05	106	0.4	64	
16900E 19200N	0.07	16	0.92	363	1.6	0.028	15	0.038	4.4	0.5	0.2	6.6	0.25	42	0.1	2.4	0.15	0.05	97	0.4	51	
16900E 19250N	0.09	15	0.8	530	0.7	0.081	16.6	0.096	2.6	0.5	0.2	6.3	0.25	55	0.1	3	0.162	0.05	82	1.7	35	
16900E 19300N	0.07	15	1.02	392	1.3	0.032	15	0.056	3.3	0.5	0.2	7.4	0.25	49	0.1	2.8	0.154	0.05	105	0.5	49	
16900E 19350N	0.04	9	0.44	234	4.1	0.026	12.1	0.086	3.5	0.5	0.1	4.7	0.25	29	0.1	2.2	0.149	0.05	77	0.7	31	
16950E 18750N	0.09	12	0.82	563	0.6	0.03	13.9	0.08	7.7	0.5	0.2	6.4	0.25	38	0.1	2.2	0.14	0.05	96	0.5	46	
16950E 18800N	0.06	14	0.87	378	1.4	0.024	16	0.15	6.7	0.5	0.2	7.7	0.25	38	0.1	3.4	0.15	0.05	97	0.7	44	
16950E 18850N	0.04	10	0.45	196	1.3	0.018	6.6	0.092	5.3	0.5	0.2	5.4	0.25	34	0.1	3.4	0.123	0.05	110	0.2	39	
16950E 18900N	0.03	14	0.22	110	2.3	0.011	3	0.034	3	0.5	0.2	3.3	0.25	14	0.1	2.6	0.004	0.05	75	0.2	21	
16950E 18950N	0.05	13	0.51	236	2.5	0.018	10.1	0.056	5.1	0.5	0.1	5.3	0.25	38	0.1	2.8	0.124	0.05	85	0.4	45	
16950E 19000N	0.05	11	0.48	219	1	0.016	9.5	0.103	5	0.5	0.1	5.8	0.25	29	0.1	3.2	0.075	0.05	119	0.4	45	
16950E 19050N	0.05	10	0.58	404	2.7	0.022	10.2	0.114	8.3	0.5	0.1	4.8	0.25	43	0.1	2.4	0.117	0.05	92	0.2	42	
16950E 19100N	0.05	9	0.34	265	2.2	0.02	5.5	0.037	3.8	0.5	0.05	3.9	0.25	42	0.1	1.6	0.088	0.05	85	0.05	21	
16950E 19150N	0.06	11	0.83	353	3.7	0.023	15.1	0.072	4.7	0.5	0.1	6.5	0.25	36	0.1	4.6	0.126	0.05	88	0.5	44	
16950E 19200N	0.05	15	0.66	342	12.1	0.021	14.4	0.087	4.8	0.5	0.1	5.7	0.25	35	0.1	3.2	0.123	0.05	80	0.5	52	
16950E 19250N	0.06	15	0.6	658	10.5	0.033	15.3	0.048	5.9	0.5	0.2	4.8	0.25	42	0.1	1.7	0.142	0.05	75	1.1	42	
16950E 19300N	0.02	7	0.2	167	10.4	0.016	4.6	0.01	3.5	0.5	0.1	2.3	0.25	29	0.1	1	0.127	0.05	66	0.1	14	
16950E 19350N	0.05	6	0.62	333	12.3	0.028	16.3	0.04	3.7	0.5	0.2	4.2	0.25	31	0.1	1.7	0.164	0.05	82	0.9	35	
17000E 18750N	0.09	16	1.04	542	0.5	0.029	15.8	0.129	4.1	0.5	0.2	7.9	0.25	58	0.1	2.7	0.158	0.05	100	0.4	46	
17000E 18800N	0.02	8	0.15	129	0.4	0.013	3.1	0.031	5.4	0.5	0.1	3.1	0.25	41	0.1	0.9	0.106	0.05	83	0.05	14	
17000E 18850N	0.03	9	0.23	142	0.5	0.016	4.4	0.12	5.6	0.5	0.1	3.7	0.25	36	0.1	1.5	0.104	0.05	99	0.1	23	
17000E 18900N	0.06	11	0.62	418	0.7	0.018	12.1	0.109	5.8	0.5	0.1	5.1	0.25	38	0.1	2.6	0.089	0.05	110	1	41	
17000E 18950N	0.03	8	0.27	142	0.5	0.015	3.8	0.041	4.7	0.5	0.1	3.1	0.25	34	0.1	2	0.06	0.05	80	0.1	21	
17000E 19000N	0.06	12	0.63	318	5	0.015	8.5	0.093	5.7	0.5	0.05	6.9	0.25	36	0.1	5.8	0.066	0.05	86	0.5	40	
17000E 19050N	0.03	8	0.4	230	1.5	0.017	7.4	0.172	4.4	0.5	0.05	5.7	0.25	26	0.1	3.3	0.097	0.05	99	0.2	35	
17000E 19100N	0.04	9	0.38	292	7.8	0.02	7.1	0.059	6	0.5	0.1	3.3	0.25	34	0.1	2.1	0.092	0.05	75	0.2	34	
17000E 19150N	0.07	14	0.54	476	9.5	0.018	9.3	0.041	7	0.5	0.1	3.6	0.25	45	0.1	3	0.043	0.05	55	0.3	37	
17000E 19200N	0.04	7	0.44	281	9.6	0.02	10	0.033	4.9	0.5	0.1	3.5	0.25	31	0.1	1.5	0.119	0.05	71	0.5	30	
17000E 19250N	0.04	8	0.34	226	6.3	0.019	10	0.019	4.3	0.5	0.1	3.1	0.25	28	0.1	1.8	0.092	0.05	71	0.3	24	
17000E 19300N	0.06	11	0.46	275	20.5	0.021	13.9	0.037	6.3	0.5	0.2	3.9	0.25	32	0.1	1.6	0.171	0.05	108	0.5	34	
17000E 19350N	0.07	9	0.62	411	35.2	0.021	17.4	0.055	6.6	0.5	0.2	4.4	0.25	26	0.1	1.5	0.161	0.05	102	0.6	47	
17050E 18750N	0.04	12	0.53	243	1.2	0.018	11.4	0.04	7.8	0.5	0.1	5.7	0.25	48	0.1	1.6	0.138	0.05	108	0.4	33	
17050E 18800N	0.04	11	0.41	214	0.7	0.014	7.6	0.049	4.8	0.5	0.1	4.2	0.25	26	0.1	2.2	0.042	0.05	87	0.8	31	
17050E 18850N	0.03	11	0.25	145	0.5	0.013	4.1	0.037	4.9	0.5	0.1	3.1	0.25	25	0.1	1.7	0.035	0.05	88	0.5	19	
17050E 18900N	0.04	12	0.25	167	0.8	0.012	7.1	0.023	3.4	0.5	0.2	4.8	0.25	21	0.1	2.3	0.014	0.1	104	0.2	28	
17050E 18950N	0.02	5	0.06	110	0.2	0.014	2	0.011	3.8	0.5	0.1	1.2	0.25	16	0.1	0.7	0.109	0.05	67	0.05	9	
17050E 19000N	0.04	8	0.37	204	2.2	0.019	6.6	0.034	4.9	0.5	0.1	3.8	0.25	35	0.1	1.5	0.12	0.05	98	0.05	47	
17050E 19050N	0.06	9	0.46	293	8.9	0.018	8.9	0.039	5.7	0.5	0.1	3.8	0.25	39	0.1	2.1	0.097	0.05	83	0.2	38	
17050E 19100N	0.05	8	0.51	256	11.3	0.016	9.7	0.067	4.4	0.5	0.1	3.4	0.25	35	0.1	2.1	0.094	0.05	81	0.4	43	
17050E 19150N	0.08	15	0.57	698	10.1	0.018	10	0.048	8.2	0.5	0.1	4	0.25	39	0.1	3.6	0.049	0.05	60	0.3	38	
17050E 19200N	0.03	17	0.15	137	5.3	0.015	3.5	0.02	3.1	0.5	0.05	1.6	0.25	16	0.1	2.6	0.017	0.05	57	0.3	16	
17050E 19250N	0.06	13	0.39	842	6.4	0.019	8.2	0.025	8.9	0.5	0.1	3	0.25	52	0.1	1.2	0.107	0.05	57	0.3	43	
17050E 19300N	0.05	7	0.34	220	3.1	0.018	7.2	0.025	4.9	0.5	0.1	3.3	0.25	33	0.1	1.3	0.109	0.05	70	0.2	27	
17050E 19350N	0.06	7	0.69	352	12.6	0.026	20.8	0.046	4.5	0.5	0.1	4.6	0.25	32	0.1	1.5	0.151	0.05	86	0.5	46	
17100E 18750N	0.03	9	0.32	176	0.4	0.019	8.4	0.028	4.7	0.5	0.2	4.9	0.25	45	0.1	1.2	0.133	0.05	124	0.05	24	
17100E 18800N	0.05	10	0.34	189	0.7	0.017	5.3	0.036	4.2	0.5	0.1	4.3	0.25	37	0.1	1.6	0.083	0.05	91	0.5	27	
17100E 18850N	0.005	0.5	0.005	0.5	0.05	0.0005	0.05	0.0005	0.05	0.5	0.05	0.05	0.25	0.5	0.1	0.05	0.0005	0.05	1	0.05	0.5	
17100E 18900N	0.02	8	0.21	168	0.7	0.015	4	0.025	5.1	0.5	0.1	3.3	0.25	37	0.1	1.3	0.12	0.05	82	1.5	16	
17100E 18950N	0.09	15	1.19	468	1	0.029	18	0.097	4.9	0.5	0.1	7.8	0.25	48	0.1	2.8	0.175	0.05	105	0.4	60	
17100E 19000N	0.05	8	0.53	367	8.6	0.019	10	0.028	5	0.5	0.1	4	0.25	49	0.1	1.7	0.133	0.05	71	0.3	33	
17100E 19050N	0.05	9	0.31	918	5	0.019	6.8	0.032	18.3	0.5	0.2	2.4	0.25	34	0.1	1.7	0.063	0.05	51	0.05	42	
17100E 19100N	0.03	6	0.08	186	3.7	0.014	1.3	0.007	2.8	0.5	0.05	1.7	0.25	37	0.1	1	0.06	0.05	41	0.05	10	
17100E 19150N	0.07	7	0.55	280	28.3	0.018	14.4	0.054	6.4	0.5	0.2	4.1	0.25	29	0.1	2.1	0.106	0.05	83	0.5	45	
17100E 19200N	0.05	6	0.48	256	3.8	0.019	12.9	0.037	4.7	0.5	0.2	3.8	0.25	35	0.1	2	0.132	0.05	73	0.6	35	
17100E 19250N	0.06	8	0.56	348	15.6	0.022	16.5	0.051	5.9	0.5	0.2	4.2	0.25	30	0.1	1.7	0.151	0.05	79	0.8	45	
17100E 19300N	0.04	9	0.38	331	4.1	0.017	7.4	0.016	4	0.5	0.1	2.9	0.25	47	0.1	1.8	0.117	0.05	60	0.2	33	

2021 Soil Samples Notes and Assays

SampleID	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Report
17100E 19350N	0.02	8	0.25	219	6.4	0.018	4.6	0.011	4.5	0.5	0.05	2.2	0.25	39	0.1	1.8	0.116	0.05	75	0.2	30	
17150E 18750N	0.05	13	0.32	216	0.7	0.017	6.7	0.047	4.8	0.5	0.1	4.9	0.25	36	0.1	1.8	0.044	0.05	97	0.3	34	
17150E 18800N	0.03	10	0.27	167	0.6	0.014	4	0.034	5.1	0.5	0.1	3.7	0.25	30	0.1	1.9	0.066	0.05	85	0.3	23	
17150E 18850N	0.03	9	0.42	191	0.6	0.018	6.7	0.128	6.3	0.5	0.1	4.5	0.25	38	0.1	2.1	0.136	0.05	93	0.2	66	
17150E 18900N	0.11	20	1.27	648	0.8	0.024	24.5	0.134	4.3	0.5	0.2	10.4	0.25	53	0.1	3	0.162	0.05	109	0.4	59	
17150E 18950N	0.05	6	0.2	380	2.6	0.016	2.1	0.014	4	0.5	0.05	1.8	0.25	36	0.1	1.4	0.024	0.05	39	0.05	19	
17150E 19000N	0.02	7	0.19	168	2	0.014	3.1	0.01	3	0.5	0.2	2.7	0.25	40	0.1	1.3	0.098	0.05	61	0.1	15	
17150E 19050N	0.06	8	0.37	315	8.1	0.016	7.2	0.023	4.5	0.5	0.2	3.5	0.25	38	0.1	1.9	0.107	0.05	65	0.2	25	
17150E 19100N	0.03	8	0.12	119	3.1	0.015	2.1	0.006	2.4	0.5	0.1	2.1	0.25	32	0.1	1.1	0.056	0.05	51	0.05	7	
17150E 19150N	0.04	7	0.28	153	2.3	0.015	3.5	0.009	3.5	0.5	0.2	2.8	0.25	37	0.1	1.2	0.114	0.05	63	0.05	13	
17150E 19200N	0.03	6	0.29	225	7.5	0.02	5.6	0.015	3.7	0.5	0.2	3.1	0.25	35	0.1	1.1	0.128	0.05	65	0.2	18	
17150E 19250N	0.05	11	0.17	461	4.2	0.012	3.1	0.013	4.4	0.5	0.1	2.1	0.25	50	0.1	1.3	0.04	0.1	32	0.2	18	
17150E 19300N	0.05	7	0.38	278	9	0.021	11	0.039	5.2	0.5	0.2	3.7	0.25	28	0.1	1.5	0.159	0.05	81	0.3	37	
17150E 19350N	0.03	6	0.32	191	11.8	0.018	7.3	0.024	4	0.5	0.2	3.3	0.25	26	0.1	1.3	0.13	0.05	76	0.2	26	
18250E 17400N	0.03	6	0.48	168	0.8	0.017	7.3	0.065	4.9	0.5	0.2	5.5	0.6	28	0.1	1.8	0.185	0.05	170	0.2	27	
18250E 17425N	0.03	9	0.46	188	1	0.02	7.5	0.024	6.6	0.5	0.1	4.7	0.8	40	0.1	0.7	0.121	0.05	73	0.1	32	
18250E 17450N	0.04	9	0.68	1400	0.8	0.024	13.3	0.036	5.2	0.5	0.1	4.8	0.8	40	0.1	0.7	0.12	0.05	80	0.4	69	
18250E 17475N	0.03	8	0.11	127	0.3	0.019	3	0.021	7.5	0.5	0.2	4.1	0.25	34	0.1	1	0.208	0.05	106	0.05	9	
18250E 17500N	0.04	12	0.66	1460	0.9	0.017	18	0.07	6.2	0.5	0.1	4.7	1.1	35	0.1	0.7	0.1	0.05	100	0.05	103	
18250E 17525N	0.06	9	0.8	238	0.3	0.029	4.3	0.067	7.9	0.5	0.1	6.9	0.25	35	0.1	1.5	0.266	0.05	122	0.05	36	
18250E 17550N	0.04	7	0.93	312	0.5	0.018	14.3	0.036	3.7	0.5	0.1	5.1	0.25	38	0.1	1.1	0.18	0.05	105	0.2	77	
18250E 17575N	0.02	5	0.27	105	0.4	0.017	4.4	0.033	4.3	0.5	0.1	4	0.7	35	0.1	1	0.145	0.05	130	0.2	24	
18250E 17600N	0.05	11	1.01	1010	0.7	0.02	15.3	0.098	8.5	0.5	0.2	5.5	0.9	56	0.1	0.9	0.116	0.05	94	1.5	62	
18250E 17625N	0.05	18	0.98	947	0.8	0.023	16.7	0.058	4.2	0.5	0.2	6.9	1.4	48	0.1	1.3	0.085	0.05	109	0.1	73	
18250E 17650N	0.02	6	0.14	118	0.3	0.018	2.6	0.013	4.1	0.5	0.2	3.2	0.25	31	0.1	0.7	0.148	0.05	110	0.05	9	
18250E 17675N	0.03	7	0.51	153	0.5	0.026	7	0.131	4.9	0.5	0.1	6.1	0.7	22	0.1	2.5	0.169	0.05	213	0.05	30	
18250E 17700N	0.02	9	0.29	156	0.4	0.018	4.8	0.071	6.8	0.5	0.2	4.5	0.5	38	0.1	1.5	0.112	0.05	116	0.05	23	
18250E 17725N	0.03	5	0.48	174	0.5	0.022	8.2	0.106	7.8	0.5	0.2	4.5	0.8	31	0.1	1.3	0.121	0.05	105	0.2	22	
18250E 17750N	0.02	6	0.14	108	0.4	0.014	3.6	0.03	3.6	0.5	0.2	3	0.25	24	0.1	1.1	0.121	0.05	132	0.05	15	
18250E 17775N	0.02	20	0.05	93	0.4	0.018	5	0.12	7.7	0.5	0.2	1	1.4	46	0.1	0.05	0.006	0.05	9	0.2	11	
18250E 17800N	0.03	0.5	0.06	14	0.05	0.019	1.2	0.036	2.6	0.5	0.05	0.2	0.6	28	0.1	0.05	0.0005	0.05	4	0.1	25	
18250E 17825N	0.04	8	0.45	167	1.1	0.016	7	0.123	6.9	0.5	0.2	8	1.5	16	0.1	5.9	0.121	0.05	121	0.1	41	
18250E 17850N	0.04	8	0.46	232	0.9	0.017	7.1	0.027	6.8	0.5	0.2	5.2	0.25	23	0.1	1.4	0.136	0.05	118	0.05	54	
18250E 17875N	0.04	0.5	0.05	235	0.2	0.02	1.2	0.057	3.2	0.5	0.05	0.2	0.6	18	0.1	0.05	0.0005	0.05	4	0.05	17	
18250E 17900N	0.02	7	0.06	117	0.2	0.017	4.3	0.097	9	0.5	0.05	0.05	1.3	81	0.1	0.05	0.0005	0.05	6	0.05	31	
18250E 17925N	0.02	15	0.03	132	0.6	0.019	3.5	0.102	5.2	0.5	0.05	2.2	1.2	16	0.1	0.8	0.002	0.05	10	0.1	11	
18250E 17950N	0.04	14	0.63	870	8.1	0.017	12.6	0.061	6.9	0.5	0.2	5.2	1.2	23	0.1	1.4	0.119	0.05	116	0.4	76	
18250E 17975N	0.03	13	0.2	613	6.7	0.018	8.2	0.245	14.6	0.5	0.1	4.5	1.8	14	0.1	4.3	0.097	0.05	90	0.3	42	
18250E 18000N	0.03	14	0.54	353	9.2	0.019	11.2	0.092	5.4	0.5	0.2	5.2	1.9	29	0.1	2.2	0.135	0.05	110	0.5	48	
18250E 18025N	0.03	8	0.49	251	2.5	0.018	9.3	0.102	9.5	0.5	0.2	5.8	0.6	24	0.1	3.1	0.157	0.05	133	0.2	54	
18250E 18050N	0.03	8	0.4	203	0.9	0.02	6.6	0.07	4.9	0.5	0.2	5.2	0.6	31	0.1	3.3	0.143	0.05	123	0.2	27	
18250E 18075N	0.03	8	0.27	775	5.1	0.019	8.7	0.075	10.3	0.5	0.2	3.8	0.25	20	0.1	2.1	0.116	0.05	90	0.05	59	
18250E 18100N	0.03	8	0.64	272	5.8	0.02	9	0.069	11.3	0.5	0.2	5	0.7	30	0.1	2.1	0.161	0.05	140	0.2	49	
18250E 18125N	0.02	5	0.2	131	1.7	0.017	3.7	0.019	4.4	0.5	0.1	2.4	0.25	28	0.1	1.1	0.083	0.05	87	0.05	19	
18250E 18150N	0.03	7	0.38	214	3.5	0.017	7	0.054	7.7	0.5	0.2	3.6	0.6	29	0.1	1.7	0.113	0.05	94	0.2	31	
18250E 18175N	0.04	9	0.54	200	6	0.018	8	0.058	6	0.5	0.2	4.1	0.7	32	0.1	1.3	0.111	0.05	97	0.2	40	
18250E 18200N	0.02	7	0.16	114	5	0.014	3.6	0.058	5.8	0.5	0.1	3.5	0.7	20	0.1	1.9	0.083	0.05	91	0.1	25	
18300E 17400N	0.04	8	1.1	547	1	0.021	15.7	0.017	4	0.5	0.2	6.1	0.25	81	0.1	0.9	0.151	0.05	95	0.1	51	
18300E 17425N	0.03	7	0.67	489	1.2	0.019	13.7	0.098	6.1	0.5	0.2	7.9	0.8	28	0.1	2.2	0.153	0.05	131	0.3	39	
18300E 17450N	0.03	6	0.79	214	0.5	0.014	7.9	0.097	16.7	0.5	0.2	7.5	0.25	27	0.1	1.2	0.149	0.05	166	0.2	66	
18300E 17475N	0.04	8	0.56	158	0.7	0.021	7.7	0.097	4.4	0.5	0.1	6.5	1.2	25	0.1	1.3	0.094	0.05	133	0.2	47	
18300E 17500N	0.03	10	0.52	376	0.7	0.018	13.5	0.044	5.7	0.5	0.1	6.9	0.6	43	0.1	1.9	0.145	0.05	105	0.05	67	
18300E 17525N	0.05	13	0.75	1120	0.9	0.019	16.5	0.065	5.6	0.5	0.1	5.2	1.3	64	0.1	0.6	0.126	0.05	90	0.1	61	
18300E 17550N	0.05	12	0.92	390	0.8	0.022	16.5	0.033	5.6	0.5	0.1	7.7	0.9	69	0.1	1.6	0.196	0.05	113	0.2	70	
18300E 17575N	0.05	12	1.17	884	0.6	0.034	16.8	0.098	5.9	0.5	0.2	6.7	0.8	69	0.1	1.3	0.147	0.05	103	0.2	51	
18300E 17600N	0.06	14	0.99	494	0.8	0.026	14.7	0.059	5.4	0.5	0.2	6.4	0.9	53	0.1	1.5	0.092	0.05	107	0.2	56	

2021 Soil Samples Notes and Assays

SampleID	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Report
18300E 17625N	0.06	15	0.97	1670	0.7	0.027	15.9	0.109	9.7	0.5	0.2	5.5	1.9	65	0.1	0.7	0.105	0.05	97	0.2	75	
18300E 17650N	0.07	13	1.05	1130	0.7	0.029	15.2	0.082	7.8	0.5	0.2	6.7	0.9	49	0.1	1.6	0.162	0.05	118	0.2	54	
18300E 17675N	0.03	8	0.69	226	0.5	0.018	8.7	0.028	4.2	0.5	0.1	5.1	0.25	47	0.1	1.1	0.172	0.05	116	0.7	49	
18300E 17700N	0.02	6	0.37	125	0.6	0.018	7.1	0.048	4.2	0.5	0.2	3.9	0.25	36	0.1	0.8	0.158	0.05	124	0.05	27	
18300E 17725N	0.03	6	0.76	227	0.6	0.014	14.7	0.231	6.1	0.5	0.2	7.4	0.8	69	0.1	2.6	0.166	0.05	144	0.3	48	
18300E 17750N	0.02	6	0.91	262	0.6	0.019	11.3	0.23	4.3	0.5	0.2	10.8	1.1	60	0.1	2.5	0.184	0.05	127	0.5	37	
18300E 17775N	0.02	8	0.54	164	0.2	0.015	4.5	0.046	8.6	0.5	0.2	5.6	0.25	64	0.1	1.1	0.123	0.05	140	0.05	24	
18300E 17800N	0.03	9	0.39	134	0.5	0.01	4	0.037	8.6	0.5	0.2	5.2	0.6	27	0.1	1.4	0.145	0.05	134	0.05	20	
18300E 17825N	0.03	3	0.07	118	0.4	0.013	0.7	0.01	3.6	0.5	0.1	4.7	0.25	5	0.1	0.3	0.051	0.05	61	0.05	8	
18300E 17850N	0.04	3	0.13	131	0.7	0.013	1.4	0.013	4.1	0.5	0.2	4.3	0.25	8	0.1	0.4	0.04	0.05	72	0.05	12	
18300E 17875N	0.04	6	0.21	132	0.5	0.021	3.1	0.015	5.3	0.5	0.2	4	0.5	24	0.1	0.8	0.142	0.05	69	0.05	8	
18300E 17900N	0.02	5	0.09	160	1.8	0.016	1.6	0.014	3.7	0.5	0.2	2.5	0.25	15	0.1	0.5	0.094	0.05	67	0.05	11	
18300E 17925N	0.03	9	0.46	225	3.2	0.018	6.7	0.028	5.7	0.5	0.1	4.7	0.25	40	0.1	1.3	0.154	0.05	93	0.2	32	
18300E 17950N	0.03	6	0.12	127	0.6	0.019	2.4	0.013	5	0.5	0.1	2.7	0.25	21	0.1	0.6	0.123	0.05	55	0.05	8	
18300E 17975N	0.02	5	0.06	91	0.7	0.013	0.6	0.01	4.5	0.5	0.1	2	0.25	12	0.1	0.7	0.094	0.05	32	0.05	8	
18300E 18000N	0.03	5	0.09	83	1.1	0.016	1.6	0.037	4.1	0.5	0.1	2.1	0.25	17	0.1	0.7	0.165	0.05	91	0.2	8	
18300E 18025N	0.03	5	0.31	135	3.9	0.016	5.6	0.063	5.7	0.5	0.2	4.7	0.6	19	0.1	3.7	0.153	0.05	128	0.1	24	
18300E 18050N	0.02	26	0.02	48	0.9	0.018	3.2	0.118	4.1	0.5	0.1	0.9	1.7	8	0.1	0.05	0.005	0.05	9	0.2	8	
18300E 18075N	0.03	5	0.32	149	3.9	0.018	5.3	0.071	5.3	0.5	0.1	4.7	0.7	20	0.1	2.2	0.154	0.05	130	0.05	29	
18300E 18100N	0.03	9	0.13	104	11.1	0.016	3.2	0.11	5.3	0.5	0.05	5.7	2	11	0.1	3.9	0.075	0.05	69	0.3	25	
18300E 18125N	0.04	8	0.55	255	6.8	0.024	8.8	0.035	5.3	0.5	0.2	3.7	0.25	32	0.1	1.6	0.146	0.05	96	0.2	44	
18300E 18150N	0.03	6	0.44	309	5.1	0.019	6.9	0.033	4.4	0.5	0.1	3.6	0.25	33	0.1	1	0.122	0.05	88	0.2	30	
18300E 18175N	0.02	7	0.11	104	4.7	0.013	3.7	0.027	5.1	0.5	0.1	2.1	0.25	19	0.1	1.1	0.065	0.05	73	0.05	32	
18300E 18200N	0.03	6	0.27	136	4	0.017	5.5	0.066	4.3	0.5	0.1	3.2	0.5	22	0.1	1.5	0.118	0.05	109	0.1	32	
18350E 17400N	0.04	7	0.66	274	0.8	0.027	11.1	0.055	4.9	0.5	0.2	4.1	0.5	43	0.1	1	0.107	0.05	75	0.3	31	
18350E 17425N	0.02	5	0.21	110	0.9	0.01	3.9	0.061	5.6	0.5	0.3	4.8	0.25	22	0.1	0.7	0.086	0.05	147	0.1	22	
18350E 17450N	0.04	7	0.76	496	2	0.062	10.6	0.075	5.8	0.5	0.4	7.7	0.9	34	0.1	1.1	0.102	0.05	193	0.3	45	
18350E 17475N	0.02	6	0.46	259	1	0.013	5.7	0.111	5.7	0.5	0.4	7.5	1.2	13	0.1	1.1	0.047	0.05	156	0.2	53	
18350E 17500N	0.04	8	0.62	293	1	0.013	10.7	0.034	6.7	0.5	0.2	6.3	0.25	72	0.1	1.1	0.186	0.05	124	0.1	57	
18350E 17525N	0.05	9	1.04	399	1.3	0.016	17.1	0.038	5.2	0.5	0.2	7.4	0.9	65	0.1	1.3	0.183	0.05	111	1.4	69	
18350E 17550N	0.03	8	0.92	284	0.7	0.017	9.6	0.034	3.9	0.5	0.05	6.5	0.25	36	0.1	1.1	0.157	0.05	127	0.1	59	
18350E 17575N	0.04	7	0.68	292	0.4	0.021	8.7	0.031	4.7	0.5	0.1	5.8	0.25	46	0.1	0.9	0.153	0.05	108	0.05	37	
18350E 17600N	0.03	10	1.24	362	0.6	0.024	21.2	0.097	7.5	0.5	0.2	10.5	1.1	25	0.1	3.6	0.271	0.05	179	0.3	57	
18350E 17625N	0.08	16	1.01	412	0.9	0.025	14.3	0.041	11.4	0.5	0.2	7.7	1.1	47	0.1	1.9	0.118	0.05	113	58.5	55	
18350E 17650N	0.04	16	0.94	983	0.8	0.029	13.4	0.115	6.6	0.5	0.2	4.6	2	59	0.1	0.3	0.072	0.05	90	0.3	59	
18350E 17675N	0.04	16	0.58	276	1.1	0.021	13.4	0.071	8.6	0.5	0.1	6.8	1.5	31	0.1	1.6	0.137	0.1	107	0.2	61	
18350E 17700N	0.02	19	0.1	82	0.4	0.014	4.7	0.439	4.5	0.5	0.1	0.5	2.6	15	0.1	0.05	0.005	0.05	14	0.2	13	
18350E 17725N	0.07	8	0.9	200	0.6	0.015	6	0.186	8.3	0.5	0.2	6.1	0.25	39	0.1	2.3	0.19	0.05	192	0.05	33	
18350E 17750N	0.04	7	0.62	208	1.2	0.018	7.1	0.087	6.5	0.5	0.2	6.4	0.5	24	0.1	2.3	0.118	0.05	120	0.2	43	
18350E 17775N	0.03	7	0.42	162	1	0.012	5.2	0.219	18.5	0.5	0.2	5.6	0.6	26	0.1	2.3	0.114	0.05	141	0.2	32	
18350E 17800N	0.04	6	0.4	188	1	0.015	5.4	0.083	8.9	0.5	0.2	5.5	0.25	25	0.1	1.4	0.119	0.05	114	0.3	28	
18350E 17825N	0.03	4	0.32	184	1.6	0.011	4.6	0.209	12	0.5	0.3	6.1	0.8	12	0.1	2.1	0.08	0.05	105	0.9	53	
18350E 17850N	0.03	5	0.29	196	1.2	0.014	4.8	0.052	6.5	0.5	0.2	5.9	0.25	17	0.1	1.9	0.111	0.05	132	0.2	38	
18350E 17875N	0.03	17	0.29	2070	5.4	0.019	6.8	0.087	13.8	0.5	0.1	2.5	1.2	29	0.1	0.2	0.043	0.1	66	0.2	47	
18350E 17900N	0.03	11	0.28	195	1.3	0.016	4.9	0.022	6.3	0.5	0.1	4	0.25	37	0.1	1.2	0.123	0.05	88	0.05	18	
18350E 17925N	0.05	9	0.54	335	2.1	0.015	6.6	0.029	12.6	0.5	0.2	4.4	0.25	43	0.1	1.1	0.153	0.05	70	0.05	31	
18350E 17950N	0.07	8	0.51	298	3.7	0.014	9.5	0.051	10.8	0.5	0.05	3.2	0.25	27	0.1	0.5	0.129	0.05	57	0.2	43	
18350E 17975N	0.03	6	0.19	144	1.5	0.012	3.1	0.02	4.5	0.5	0.1	3.1	0.25	28	0.1	0.9	0.122	0.05	103	0.05	17	
18350E 18000N	0.03	5	0.32	157	0.9	0.013	6	0.078	6.1	0.5	0.2	4.5	0.25	20	0.1	3	0.124	0.05	115	0.1	29	
18350E 18025N	0.03	6	0.34	165	1.1	0.014	4.8	0.062	6.8	0.5	0.2	4.2	0.25	18	0.1	1.6	0.185	0.05	145	0.2	25	
18350E 18050N	0.03	6	0.27	114	3.7	0.012	4.2	0.03	8.8	0.5	0.2	3	0.5	21	0.1	0.8	0.117	0.05	68	0.2	18	
18350E 18075N	0.03	6	0.34	165	1.6	0.02	8.1	0.022	4.8	0.5	0.1	4.3	0.25	28	0.1	2.6	0.122	0.05	103	0.1	36	
18350E 18100N	0.04	8	1.39	796	2	0.023	17.2	0.081	13.9	0.5	0.3	7.4	0.25	68	0.1	1.4	0.181	0.05	109	0.2	57	
18350E 18125N	0.03	7	0.51	223	17.5	0.018	9.7	0.023	4.9	0.5	0.2	4.1	0.7	29	0.1	0.9	0.108	0.05	71	0.1	40	
18350E 18150N	0.03	8	0.46	222	16.1	0.018	9.3	0.021	4.8	0.5	0.2	3.6	0.5	28	0.1	0.8	0.111	0.05	68	0.1	43	
18350E 18175N	0.03	6	0.32	223	20.6	0.017	7.6	0.12	7.2	0.5	0.2	6.7	0.9	20	0.1	2.9	0.134	0.05	116	0.2	49	
18350E 18200N	0.005	4	0.08	114	0.4	0.012	2	0.017	3.1	0.5	0.05	1.6	0.25	14	0.1	1.1	0.098	0.05	69	0.05	12	
18400E 17400N	0.02	4	0.37	170	1.2	0.012	15	0.067	4.4	0.5	0.2	7.4	0.7	27	0.1	0.9	0.038	0.05	159	0.2	37	
18400E 17425N	0.06	7	1.19	418	0.5	0.018	18.7	0.078	5.1	0.5	0.2	6.9	0.25	70	0.1	1.2	0.171	0.05	126	0.2	56	
18400E 17450N	0.04	10	0.69	449	0.7	0.015	12.3	0.052	5.9	0.5	0.2	5.4	0.9	64	0.1	0.5	0.116	0.05	104	0.1	49	

2021 Soil Samples Notes and Assays

SampleID	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Report
18400E 17475N	0.03	5	0.57	249	0.8	0.014	10.5	0.069	5.2	0.5	0.3	5.8	0.9	25	0.1	0.7	0.062	0.05	132	0.1	52	
18400E 17500N	0.05	10	1.01	647	0.7	0.017	18.2	0.037	4.3	0.5	0.1	7.5	0.7	59	0.1	1.2	0.149	0.05	107	0.1	57	
18400E 17525N	0.06	12	0.92	603	1.2	0.02	16.7	0.045	6.1	0.5	0.2	8.2	0.7	58	0.1	1.4	0.176	0.05	137	0.2	60	
18400E 17550N	0.02	5	0.69	258	0.4	0.018	10.6	0.064	5.6	0.5	0.2	5.4	0.25	66	0.1	0.9	0.267	0.05	177	0.2	37	
18400E 17575N	0.04	11	1.22	1430	0.6	0.023	16.1	0.085	8.7	0.5	0.2	6	1.1	52	0.1	1.1	0.141	0.05	98	0.2	44	
18400E 17600N	0.02	7	0.2	480	1.3	0.012	3	0.037	7.6	0.5	0.2	4.6	0.25	20	0.1	0.6	0.149	0.05	121	0.05	26	
18400E 17625N	0.02	15	0.32	127	0.5	0.014	9.6	0.061	7.1	0.5	0.05	1.5	0.8	47	0.1	0.05	0.041	0.05	50	0.2	24	
18400E 17650N	0.02	7	0.3	170	1.4	0.011	5.5	0.036	8.7	0.5	0.2	4.1	0.25	34	0.1	1.2	0.132	0.05	149	0.05	40	
18400E 17675N	0.02	6	0.31	135	0.9	0.014	4	0.055	8.4	0.5	0.3	5.6	0.25	27	0.1	1.4	0.278	0.05	178	0.05	41	
18400E 17700N	0.03	9	0.6	206	1.8	0.015	9.6	0.211	8.6	0.5	0.2	7.1	0.8	19	0.1	2	0.144	0.05	138	0.2	67	
18400E 17725N	0.04	6	0.6	323	1	0.02	11.7	0.207	7.9	0.5	0.2	9	1	20	0.1	2.9	0.172	0.05	149	0.1	47	
18400E 17750N	0.02	6	0.1	229	0.4	0.013	2.1	0.023	6.9	0.5	0.2	4.3	0.25	30	0.1	0.6	0.178	0.05	77	0.2	14	
18400E 17775N	0.04	6	0.58	284	2.4	0.015	9.2	0.176	11.4	0.5	0.4	10.3	1.6	19	0.1	4.1	0.156	0.05	129	0.5	63	
18400E 17800N	0.03	13	0.28	201	1.4	0.017	5.3	0.109	6.4	0.5	0.1	5	1.8	22	0.1	0.5	0.063	0.05	52	0.2	45	
18400E 17825N	0.02	8	0.31	209	1.1	0.014	5	0.015	5.1	0.5	0.1	5	0.25	26	0.1	1.1	0.112	0.05	135	0.05	26	
18400E 17850N	0.01	18	0.06	40	4.9	0.012	4.1	0.095	8.6	0.5	0.1	3.1	2.1	5	0.1	0.1	0.015	0.05	65	0.3	14	
18400E 17875N	0.01	8	0.18	115	0.5	0.015	3.4	0.03	4.1	0.5	0.1	2.7	0.25	31	0.1	1.3	0.131	0.05	100	0.05	14	
18400E 17900N	0.03	5	0.31	169	2.6	0.01	5.7	0.211	12	0.5	0.2	4.4	0.25	18	0.1	1.6	0.155	0.05	171	0.5	31	
18400E 17925N	0.03	7	0.61	372	2.5	0.015	10.6	0.19	6.9	0.5	0.2	8.6	0.25	25	0.1	4.7	0.149	0.05	143	0.5	50	
18400E 17950N	0.03	7	0.26	146	2	0.015	5.4	0.11	6.5	0.5	0.1	3.9	0.25	18	0.1	2.7	0.119	0.05	106	0.2	30	
18400E 17975N	0.03	7	0.36	199	1.9	0.013	5.4	0.058	6.1	0.5	0.1	3.9	0.25	26	0.1	1.7	0.121	0.05	78	0.2	28	
18400E 18000N	0.02	5	0.28	132	1.8	0.014	4.4	0.058	5.6	0.5	0.2	3.2	0.25	19	0.1	2	0.108	0.05	92	0.1	25	
18400E 18025N	0.03	5	0.39	245	1.7	0.015	7.3	0.2	6.7	0.5	0.3	10.4	0.7	24	0.1	3.4	0.156	0.05	138	0.5	37	
18400E 18050N	0.03	5	0.39	191	1.4	0.015	6.3	0.046	4.4	0.5	0.2	4.1	0.25	25	0.1	2.3	0.138	0.05	101	0.3	26	
18400E 18075N	0.03	8	0.39	191	3	0.018	6.4	0.053	6.1	0.5	0.2	5.7	0.7	19	0.1	2.3	0.127	0.05	114	0.4	31	
18400E 18100N	0.03	6	0.33	205	3.3	0.017	6.1	0.066	6.4	0.5	0.2	4.6	0.5	21	0.1	2.4	0.14	0.05	121	0.3	44	
18400E 18125N	0.06	7	0.48	217	9.7	0.016	9.6	0.132	8.4	0.5	0.3	5.8	0.5	16	0.1	2.7	0.15	0.1	145	0.2	54	
18400E 18150N	0.05	9	0.22	179	4.6	0.013	3	0.021	5.8	0.5	0.1	3.5	0.25	12	0.1	2.3	0.128	0.05	72	0.1	25	
18400E 18175N	0.03	6	0.35	301	2.1	0.015	6.2	0.019	4.9	0.5	0.1	3.5	0.25	22	0.1	0.9	0.102	0.05	71	0.05	43	
18400E 18200N	0.02	5	0.14	112	0.6	0.01	2.6	0.022	4.7	0.5	0.05	2.5	0.25	22	0.1	1.1	0.085	0.05	86	0.05	17	
18450E 17400N	0.04	6	0.65	240	1.7	0.019	10.7	0.18	6.6	0.5	0.1	8.2	1.4	21	0.1	4	0.118	0.05	127	0.4	36	
18450E 17425N	0.04	8	0.8	322	0.9	0.022	14.1	0.094	4.1	0.5	0.1	8.6	0.7	30	0.1	2.6	0.133	0.05	112	1.4	48	
18450E 17450N	0.07	5	0.78	322	1.2	0.014	11.9	0.082	5.3	0.5	0.2	7.1	0.25	23	0.1	1.2	0.057	0.05	165	0.2	37	
18450E 17475N	0.06	11	1.01	1220	0.7	0.021	18.6	0.097	7.8	0.5	0.2	5.3	0.8	61	0.1	0.4	0.106	0.05	93	0.2	61	
18450E 17500N	0.06	13	1.19	1360	0.8	0.023	24	0.082	4.4	0.5	0.2	7.9	1.1	61	0.1	1.1	0.131	0.05	111	0.2	76	
18450E 17525N	0.06	13	1.08	1290	0.6	0.02	21	0.103	3.8	0.5	0.2	6.3	0.9	63	0.1	0.5	0.103	0.05	95	0.1	60	
18450E 17550N	0.05	16	0.87	1780	0.7	0.023	16.7	0.089	5.1	0.5	0.2	4.5	1.7	58	0.1	0.2	0.083	0.05	86	0.1	54	
18450E 17575N	0.06	10	1	635	1	0.02	19	0.058	5.6	0.5	0.2	7.5	0.6	57	0.1	1.2	0.151	0.05	147	0.1	58	
18450E 17600N	0.05	11	0.87	587	2.1	0.021	12.8	0.082	6.3	0.5	0.2	6.4	1.3	40	0.1	0.7	0.118	0.05	123	0.1	47	
18450E 17625N	0.04	4	0.49	438	0.8	0.015	6.4	0.149	8.2	0.5	0.1	6.3	0.25	21	0.1	1.1	0.14	0.05	149	0.3	62	
18450E 17650N	0.04	9	0.73	336	1.9	0.025	11.5	0.084	4.6	0.5	0.2	8.5	0.8	31	0.1	2.1	0.274	0.05	175	0.7	62	
18450E 17675N	0.03	6	0.7	331	1.1	0.017	9	0.147	5	0.5	0.2	12.8	1.3	39	0.1	3	0.271	0.05	178	0.3	56	
18450E 17700N	0.03	17	0.08	466	7	0.018	4	0.158	6	0.5	0.2	3.9	3.2	9	0.1	0.1	0.027	0.05	57	0.2	24	
18450E 17725N	0.03	8	0.25	136	3	0.018	5	0.049	9.7	0.5	0.2	4.6	0.25	29	0.1	0.9	0.259	0.05	156	0.05	36	
18450E 17750N	0.04	8	0.86	1470	10.7	0.015	11	0.05	6.7	0.5	0.4	8.4	0.5	68	0.1	1.1	0.264	0.1	158	0.3	179	
18450E 17775N	0.03	6	0.3	231	0.8	0.016	5.1	0.05	4.5	0.5	0.2	5.6	0.25	24	0.1	1.7	0.144	0.05	120	0.1	34	
18450E 17800N	0.03	7	0.22	164	1.3	0.088	3.9	0.027	5.3	0.5	0.2	4.5	0.25	23	0.1	1.1	0.204	0.05	163	0.05	35	
18450E 17825N	0.06	8	0.65	333	1.3	0.016	10.6	0.241	8.9	0.5	0.3	9.9	1	17	0.1	3.1	0.173	0.05	169	0.8	68	
18450E 17850N	0.05	10	0.67	293	0.6	0.021	8.4	0.032	6.9	0.5	0.2	5.9	0.25	44	0.1	1.5	0.182	0.05	94	0.05	28	
18450E 17875N	0.04	9	0.35	217	0.5	0.014	6.7	0.113	8.6	0.5	0.05	4.7	0.25	23	0.1	1.1	0.119	0.05	83	0.2	36	
18450E 17900N	0.02	5	0.2	123	0.9	0.013	3.5	0.084	15.2	0.5	0.4	3.5	0.25	15	0.1	1.3	0.287	0.05	176	0.3	17	
18450E 17925N	0.04	6	0.34	179	1.9	0.013	6.6	0.153	10.9	0.5	0.3	3.6	0.25	18	0.1	1.7	0.162	0.05	163	0.2	27	
18450E 17950N	0.02	5	0.18	179	0.9	0.015	2.9	0.04	8	0.5	0.3	2.6	0.25	18	0.1	1	0.362	0.05	192	0.05	25	
18450E 17975N	0.03	6	0.21	194	3.1	0.015	3.5	0.019	11.5	0.5	0.1	2.7	0.25	26	0.1	0.6	0.122	0.05	52	0.05	21	

2021 Soil Samples Notes and Assays

SampleID	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Report
18450E 18000N	0.02	5	0.2	153	2.4	0.014	3.8	0.036	4.7	0.5	0.2	3.7	0.25	16	0.1	1.2	0.199	0.05	143	0.05	34	
18450E 18025N	0.03	8	0.14	113	2.6	0.016	3.6	0.028	9.9	0.5	0.1	2.5	0.5	17	0.1	0.8	0.049	0.05	47	0.3	26	
18450E 18050N	0.04	6	0.3	157	2.7	0.018	5.3	0.079	5.3	0.5	0.1	4.8	0.25	24	0.1	1.9	0.171	0.05	149	0.2	37	
18450E 18075N	0.03	9	0.39	229	12.1	0.022	7.6	0.082	4.8	0.5	0.1	10.5	1.4	16	0.1	3.9	0.105	0.05	98	0.3	38	
18450E 18100N	0.04	10	0.42	440	6.3	0.018	7.3	0.038	10.1	0.5	0.1	5.4	0.25	28	0.1	1.1	0.132	0.05	83	0.1	51	
18450E 18125N	0.05	6	0.29	172	2.9	0.017	5.1	0.057	7.1	0.5	0.3	4.4	0.25	17	0.1	1.7	0.18	0.05	151	0.4	37	
18450E 18150N	0.04	17	0.27	2180	3.3	0.016	11.3	0.084	7.3	0.5	0.2	3.9	1.6	16	0.1	0.7	0.07	0.1	68	0.1	83	
18450E 18175N	0.03	5	0.34	189	3.5	0.017	5.6	0.047	5	0.5	0.2	4.5	0.6	16	0.1	1.9	0.136	0.05	115	0.2	42	
18450E 18200N	0.03	4	0.15	147	1.1	0.013	3.3	0.036	7.9	0.5	0.2	3.2	0.25	13	0.1	0.8	0.08	0.05	73	0.1	20	
18500E 17400N	0.02	6	0.21	115	0.4	0.013	4	0.065	5.8	0.5	0.1	4.9	0.25	22	0.1	1.2	0.165	0.05	125	0.05	18	
18500E 17425N	0.04	6	0.66	292	1	0.014	11.2	0.192	6.2	0.5	0.2	8	0.8	25	0.1	2.5	0.15	0.05	171	0.2	59	
18500E 17450N	0.02	4	0.16	128	0.3	0.014	3.6	0.036	4.9	0.5	0.1	3.9	0.25	18	0.1	0.5	0.125	0.05	137	0.05	16	
18500E 17475N	0.04	5	0.54	330	1.4	0.013	8.5	0.154	5	0.5	0.1	7.6	0.6	21	0.1	1.5	0.084	0.05	131	0.2	51	
18500E 17500N	0.03	5	0.32	198	0.7	0.015	5.9	0.174	5.9	0.5	0.1	6.1	0.9	18	0.1	1.5	0.06	0.05	115	0.2	43	
18500E 17525N	0.07	14	0.99	1880	1	0.018	18.4	0.084	7.1	0.5	0.2	5.6	1.7	53	0.1	0.5	0.109	0.05	90	0.3	66	
18500E 17550N	0.07	10	1.14	1040	0.9	0.019	19.8	0.059	4.8	0.5	0.2	7.2	0.9	66	0.1	0.8	0.134	0.05	105	0.1	61	
18500E 17575N	0.05	9	0.81	322	1.1	0.017	16.3	0.047	4.8	0.5	0.2	7.5	1	51	0.1	1.3	0.14	0.05	121	0.2	55	
18500E 17600N	0.06	8	0.88	353	1.3	0.016	15	0.034	6.8	0.5	0.2	7	0.7	56	0.1	1.3	0.147	0.05	129	0.2	52	
18500E 17625N	0.02	5	0.2	127	1.4	0.015	3.7	0.064	5.8	0.5	0.3	4.7	0.25	30	0.1	0.9	0.427	0.05	391	0.4	23	
18500E 17650N	0.03	6	0.43	304	1.4	0.014	7.5	0.139	16.8	0.5	0.2	9.2	0.6	31	0.1	1.8	0.185	0.05	182	0.05	63	
18500E 17675N	0.02	5	0.21	118	1.1	0.013	3.6	0.093	9.5	0.5	0.2	4.3	0.25	22	0.1	0.8	0.194	0.05	174	0.2	26	
18500E 17700N	0.05	8	0.69	275	3.3	0.018	10.2	0.058	10.5	0.5	0.2	6.4	0.25	33	0.1	1.6	0.17	0.05	145	0.2	69	
18500E 17725N	0.03	8	0.24	187	1.7	0.017	4	0.026	7.9	0.5	0.2	4.7	0.25	28	0.1	1	0.135	0.05	120	0.4	31	
18500E 17750N	0.03	6	0.39	209	1	0.015	6.5	0.068	8.3	0.5	0.2	5.4	0.25	19	0.1	1.4	0.126	0.05	136	0.2	38	
18500E 17775N	0.02	8	0.1	125	0.4	0.015	2.3	0.026	15	0.5	0.2	2.8	0.25	18	0.1	1.2	0.26	0.05	98	0.05	11	
18500E 17800N	0.05	10	0.69	284	1	0.018	10.5	0.221	6.8	0.5	0.1	7.5	0.6	29	0.1	3.1	0.151	0.05	139	0.2	48	
18500E 17825N	0.02	8	0.11	143	0.4	0.014	3	0.032	16.4	0.5	0.2	2.9	0.25	18	0.1	1.1	0.266	0.05	98	0.05	14	
18500E 17850N	0.01	8	0.12	99	0.4	0.016	3.1	0.03	5.3	0.5	0.1	2.5	0.25	21	0.1	1.5	0.11	0.05	114	0.05	13	
18500E 17875N	0.03	6	0.23	108	1.5	0.012	3.9	0.096	7	0.5	0.3	4.3	0.5	17	0.1	2.8	0.16	0.05	137	0.3	22	
18500E 17900N	0.06	8	0.56	289	2.4	0.016	6.9	0.036	9.4	0.5	0.2	5.3	0.25	23	0.1	1.3	0.167	0.05	75	0.2	51	
18500E 17925N	0.03	6	0.19	114	2.3	0.013	3.5	0.125	6.5	0.5	0.2	3.3	0.25	14	0.1	1.6	0.131	0.05	133	0.3	23	
18500E 17950N	0.03	6	0.2	129	5.5	0.016	4	0.044	6.1	0.5	0.2	2.9	0.5	18	0.1	0.8	0.095	0.05	100	0.3	28	
18500E 17975N	0.04	8	0.33	201	4.9	0.017	5	0.031	7.9	0.5	0.2	4.5	0.25	15	0.1	0.9	0.161	0.05	109	0.3	39	
18500E 18000N	0.02	4	0.13	150	3.6	0.015	2.3	0.015	5.2	0.5	0.3	2.8	0.25	13	0.1	0.7	0.178	0.05	109	0.2	21	
18500E 18025N	0.04	6	0.35	213	4.1	0.016	6	0.052	6.4	0.5	0.3	3.9	0.25	23	0.1	1.2	0.16	0.05	104	0.4	47	
18500E 18050N	0.03	6	0.19	137	1.8	0.016	3.6	0.08	5.7	0.5	0.2	3.8	0.6	16	0.1	2.1	0.172	0.05	134	0.3	30	
18500E 18075N	0.02	8	0.23	155	1.3	0.028	2.7	0.016	3.9	0.5	0.05	2.6	0.25	43	0.1	0.9	0.082	0.05	61	0.05	25	
18500E 18100N	0.05	6	0.23	146	1.6	0.017	3.2	0.026	4.2	0.5	0.2	3.8	0.25	18	0.1	1.3	0.136	0.05	96	0.3	32	
18500E 18125N	0.03	5	0.18	119	1.3	0.018	2.9	0.04	3.5	0.5	0.1	2.4	0.9	18	0.1	1.6	0.093	0.05	70	0.2	24	
18500E 18150N	0.05	6	0.25	151	1.8	0.015	2.9	0.032	4.6	0.5	0.1	4.4	0.25	11	0.1	1.3	0.141	0.05	112	0.2	22	
18500E 18175N	0.04	5	0.32	166	1.1	0.021	5.4	0.039	5.4	0.5	0.2	4.1	0.25	20	0.1	2.4	0.102	0.05	119	0.2	37	
18500E 18200N	0.02	4	0.08	101	0.3	0.018	1.7	0.008	3.6	0.5	0.05	1.5	0.25	15	0.1	1	0.064	0.05	59	0.1	11	
18550E 17400N	0.02	4	0.54	234	0.8	0.015	11.3	0.148	3.5	0.5	0.4	9.4	0.9	37	0.1	1.3	0.221	0.05	318	0.2	54	
18550E 17425N	0.03	4	0.39	164	0.5	0.014	7.7	0.09	5	0.5	0.2	5	0.25	41	0.1	0.8	0.148	0.05	143	0.2	25	
18550E 17450N	0.03	6	0.22	165	0.8	0.014	3.9	0.054	4.9	0.5	0.2	4.5	0.25	34	0.1	1.2	0.16	0.05	156	0.2	27	
18550E 17475N	0.09	6	1	1190	1.3	0.019	18.8	0.164	3.7	0.5	0.2	9.4	0.8	35	0.1	1.1	0.126	0.05	189	0.5	93	
18550E 17500N	0.06	9	0.76	1260	1.1	0.018	11.3	0.045	9.7	0.5	0.2	6.1	0.25	32	0.1	1	0.096	0.05	95	0.1	63	
18550E 17525N	0.05	20	0.77	446	1	0.019	13.5	0.074	5.9	0.5	0.1	4.4	1.1	49	0.1	0.2	0.072	0.05	71	0.1	48	
18550E 17550N	0.05	20	0.23	3910	1.2	0.016	5.6	0.054	7.6	0.5	0.2	4.2	0.9	30	0.1	0.2	0.041	0.05	55	0.1	30	
18550E 17575N	0.07	3	0.06	52	0.6	0.016	0.9	0.019	6.2	0.5	0.6	3	0.25	21	0.1	0.5	0.274	0.05	164	0.2	11	
18550E 17600N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18550E 17625N	0.04	5	0.2	117	1	0.012	3.2	0.033	12.6	0.5	0.3	6.2	0.25	17	0.1	0.7	0.027	0.05	124	0.1	20	
18550E 17650N	0.03	6	0.25	154	0.5	0.012	4	0.068	4.6	0.5	0.2	4.1	0.25	27	0.1	1.1	0.104	0.05	152	0.05	20	
18550E 17675N	0.01	5	0.14	226	0.3	0.019	2.8	0.029	3.9	0.5	0.1	3.1	0.25	21	0.1	0.7	0.197	0.05	120	0.05	16	
18550E 17700N	0.03	5	0.39	211	0.7	0.016	6.4	0.062	8.7	0.5	0.2	5.3	0.25	21	0.1	1.1	0.156	0.05	154	0.05	30	
18550E 17725N	0.05	8	0.73	325	2	0.018	9.7	0.098	10	0.5	0.3	7.1	0.25	37	0.1	1.5	0.19	0.05	155	0.2	56	
18550E 17750N	0.05	11	0.81	340	1.2	0.02	8.7	0.076	7.4	0.5	0.2	6.3	0.25	34	0.1	1.5	0.184	0.05	106	0.3	49	
18550E 17775N	0.02	7	0.14	120	0.5	0.013	2.8	0.033	4.2	0.5	0.2	3	0.25	22	0.1	1	0.182	0.05	122	0.05	15	
18550E 17800N	0.04	8	0.45	220	2.3	0.015	6.6	0.113	8.7	0.5	0.3	4.5	0.25	19	0.1	1.8	0.145	0.05	116	0.3	33	
18550E 17825N	0.06	11	1.36	239	5.5	0.027	6.5	0.128	7.8	0.5	0.1	7	0.25	61	0.1	2.4	0.186	0.05	129	0.1	42	
18550E 17850N	0.02	5	0.13	131	1.1	0.018	1.9	0.039	3.4	0.5	0.05	2.5	0.25	16	0.1	0.8	0.142	0.05	80	0.05	14	

2021 Soil Samples Notes and Assays

SampleID	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Report
18550E 17875N	0.02	5	0.2	141	1.1	0.017	2.6	0.031	6.3	0.5	0.2	2.7	0.25	16	0.1	0.8	0.247	0.05	137	0.1	18	
18550E 17900N	0.03	5	0.29	155	2.3	0.015	5.1	0.098	7.1	0.5	0.3	3.1	0.25	18	0.1	2.3	0.125	0.05	110	0.3	26	
18550E 17925N	0.04	5	0.16	128	1.4	0.014	1.8	0.013	5.5	0.5	0.1	3	0.25	16	0.1	0.8	0.108	0.05	64	0.05	16	
18550E 17950N	0.03	6	0.29	163	5.1	0.016	5.2	0.038	5.9	0.5	0.2	3.4	0.25	20	0.1	1	0.189	0.05	165	0.4	44	
18550E 17975N	0.01	4	0.04	170	0.3	0.012	1.1	0.006	3.7	0.5	0.1	1.2	0.25	8	0.1	0.7	0.11	0.05	60	0.05	12	
18550E 18000N	0.04	9	0.27	323	3.8	0.018	5.7	0.109	7.2	0.5	0.1	5.7	1.6	15	0.1	1.7	0.081	0.05	79	0.2	48	
18550E 18025N	0.03	5	0.32	210	1.8	0.017	6	0.1	4.2	0.5	0.2	3.8	0.8	20	0.1	3.9	0.111	0.05	95	0.5	37	
18550E 18050N	0.03	6	0.28	168	1.6	0.018	5.2	0.1	5.9	0.5	0.2	5	0.6	17	0.1	2	0.151	0.05	122	0.3	43	
18550E 18075N	0.04	5	0.26	180	1.6	0.016	4.5	0.115	5.6	0.5	0.2	5.3	1.4	15	0.1	3	0.13	0.05	124	0.4	38	
18550E 18100N	0.04	4	0.16	119	1	0.017	2.6	0.038	6.2	0.5	0.2	2.7	0.25	14	0.1	0.7	0.111	0.05	97	0.2	18	
18550E 18125N	0.03	5	0.21	139	0.8	0.017	3.4	0.039	4.4	0.5	0.05	3.9	0.25	16	0.1	1.8	0.079	0.05	83	0.05	25	
18550E 18150N	0.04	5	0.21	131	1.3	0.015	3.2	0.044	5.5	0.5	0.2	3.2	0.25	13	0.1	1.3	0.13	0.05	101	0.1	24	
18550E 18175N	0.04	4	0.06	119	0.4	0.014	1.4	0.01	5.9	0.5	0.2	1.3	0.25	11	0.1	0.7	0.088	0.05	45	0.05	12	
18550E 18200N	0.06	7	0.43	215	1.5	0.017	6	0.029	6.3	0.5	0.1	7	0.25	16	0.1	1.4	0.103	0.05	107	0.05	74	
18600E 17400N	0.04	5	0.54	390	1.1	0.018	8	0.145	5.7	0.5	0.2	6.6	0.7	22	0.1	2.6	0.14	0.05	134	0.3	42	
18600E 17425N	0.04	7	0.58	252	0.6	0.017	7.7	0.066	5.2	0.5	0.2	5.6	0.25	32	0.1	1.2	0.147	0.05	108	0.2	31	
18600E 17450N	0.02	6	0.17	142	0.5	0.015	3.1	0.052	4.7	0.5	0.2	4	0.25	24	0.1	1.2	0.139	0.05	116	0.05	23	
18600E 17475N	0.04	5	0.1	106	0.4	0.012	1.6	0.019	3.9	0.5	0.05	3.4	0.25	12	0.1	0.5	0.017	0.05	63	0.05	16	
18600E 17500N	0.04	5	0.29	163	1.6	0.013	3.8	0.1	3.2	0.5	0.1	7.7	0.25	15	0.1	0.7	0.043	0.05	178	0.1	30	
18600E 17525N	0.01	11	0.07	1110	0.5	0.013	4.9	0.067	3.7	0.5	0.2	1.6	1.1	78	0.1	0.1	0.002	0.05	12	0.2	17	
18600E 17550N	0.05	7	0.72	305	1	0.02	9.7	0.028	4.9	0.5	0.2	9.2	0.25	32	0.1	2.7	0.134	0.05	93	0.3	42	
18600E 17575N	0.03	6	0.17	119	1.2	0.014	2.9	0.033	8.1	0.5	0.3	3.9	0.25	26	0.1	0.7	0.153	0.05	124	0.05	20	
18600E 17600N	0.03	6	0.16	144	0.4	0.013	2.8	0.032	11.6	0.5	0.3	4.2	0.25	31	0.1	0.5	0.144	0.05	66	0.05	21	
18600E 17625N	0.03	5	0.55	197	2.5	0.012	13.1	0.418	6.9	0.5	0.3	14	3.2	12	0.3	3.2	0.126	0.05	206	0.5	42	
18600E 17650N	0.03	4	0.37	210	1	0.027	4.8	0.124	3.6	0.5	0.3	6	0.25	19	0.2	1.3	0.169	0.05	159	0.2	29	
18600E 17675N	0.03	6	0.37	214	0.7	0.355	7.2	0.089	4.2	0.5	0.3	6.3	0.25	22	0.1	1.2	0.175	0.05	226	0.2	44	
18600E 17700N	0.04	5	0.66	230	0.9	0.028	11.3	0.056	6.4	0.5	0.3	5.7	0.25	26	0.1	0.9	0.188	0.05	265	0.3	42	
18600E 17725N	0.04	7	0.34	152	0.5	0.016	4.4	0.048	6.4	0.5	0.2	5.7	0.25	56	0.1	0.8	0.276	0.05	163	0.05	22	
18600E 17750N	0.04	6	0.3	174	1.4	0.02	4.8	0.079	6.4	0.5	0.3	4.4	0.25	22	0.1	1.2	0.226	0.05	158	0.1	32	
18600E 17775N	0.05	8	0.71	374	1.7	0.018	12.1	0.078	6.3	0.5	0.3	8.3	0.8	28	0.1	4.9	0.193	0.05	127	0.4	43	
18600E 17800N	0.03	4	0.25	387	0.9	0.033	4.2	0.028	8.9	0.5	0.2	4.1	0.25	12	0.1	0.5	0.23	0.05	154	0.1	21	
18600E 17825N	0.03	4	0.29	150	1.1	0.02	6.4	0.109	6	0.5	0.3	5.7	0.25	27	0.3	0.5	0.279	0.05	238	0.4	29	
18600E 17850N	0.03	5	0.18	116	1.3	0.017	2.9	0.041	6.1	0.5	0.1	2.7	0.25	17	0.1	0.9	0.131	0.05	94	0.1	19	
18600E 17875N	0.03	7	0.2	105	1.5	0.014	3.7	0.172	8.1	0.5	0.2	4.5	0.8	15	0.1	2.3	0.066	0.05	69	0.2	21	
18600E 17900N	0.01	4	0.08	107	0.7	0.014	1.7	0.015	2.9	0.5	0.1	1.3	0.25	11	0.1	0.8	0.098	0.05	76	0.05	10	
18600E 17925N	0.05	6	0.59	290	3.8	0.019	6.8	0.02	6.7	0.5	0.1	4.9	0.25	24	0.1	0.8	0.211	0.05	85	0.2	35	
18600E 17950N	0.05	7	0.69	550	3	0.018	10	0.069	11.8	0.5	0.3	7.2	0.25	31	0.1	1.6	0.156	0.05	98	0.4	49	
18600E 17975N	0.04	9	0.19	175	3.1	0.013	3.8	0.081	6.2	0.5	0.1	3.8	0.7	15	0.1	0.7	0.105	0.05	68	1	42	
18600E 18000N	0.09	6	0.26	518	2.5	0.014	3.7	0.14	8.3	0.5	0.3	4.7	0.25	19	0.1	1.3	0.146	0.05	141	0.2	42	
18600E 18025N	0.04	9	0.3	170	2.5	0.015	5.2	0.07	8	0.5	0.2	5.5	0.7	14	0.1	1.4	0.135	0.05	101	0.1	49	
18600E 18050N	0.06	7	0.44	270	2.9	0.018	5.8	0.031	5.6	0.5	0.2	6.3	0.25	16	0.1	1.4	0.195	0.05	123	0.1	48	
18600E 18075N	0.03	9	0.34	508	3.3	0.019	7.8	0.035	6	0.5	0.2	4.5	0.25	19	0.1	1.5	0.141	0.05	122	0.2	57	
18600E 18100N	0.04	6	0.3	182	2.7	0.017	4.9	0.018	3.8	0.5	0.1	4	0.25	20	0.1	1	0.118	0.05	103	0.1	48	
18600E 18125N	0.03	6	0.14	133	1	0.016	2.1	0.01	5.6	0.5	0.1	2.5	0.25	16	0.1	0.7	0.079	0.05	58	0.05	24	
18600E 18150N	0.05	4	0.21	207	1.2	0.011	2.4	0.017	4.4	0.5	0.2	4.5	0.25	11	0.1	0.7	0.131	0.05	92	0.05	22	
18600E 18175N	0.07	8	0.66	612	6.3	0.019	10	0.022	5.6	0.5	0.2	7.7	0.25	16	0.1	1.2	0.176	0.05	104	0.2	80	
18600E 18200N	0.05	8	0.28	288	5.6	0.015	3.7	0.016	4.4	0.5	0.2	4.5	0.25	14	0.1	1.2	0.117	0.05	88	0.05	37	
18650E 17400N	0.04	7	0.53	223	1.1	0.019	8.3	0.172	5.1	0.5	0.1	8	0.7	21	0.1	2.7	0.112	0.05	112	0.2	56	
18650E 17425N	0.05	10	0.87	995	0.6	0.019	11.2	0.042	6	0.5	0.2	6.7	0.25	39	0.1	1.2	0.147	0.05	101	0.1	86	
18650E 17450N	0.04	6	0.42	245	0.8	0.015	6.5	0.048	4.4	0.5	0.2	5.4	0.25	29	0.1	1.4	0.12	0.05	120	0.1	51	
18650E 17475N	0.05	12	1.15	1330	0.8	0.018	13.8	0.034	5	0.5	0.1	6.6	0.25	34	0.1	1.1	0.142	0.1	95	0.3	137	
18650E 17500N	0.04	6	0.35	158	1.1	0.013	4.8	0.106	7.8	0.5	0.3	6.2	0.25	28	0.1	0.9	0.192	0.05	207	0.2	32	
18650E 17525N	0.03	6	0.24	189	0.6	0.018	3.7	0.012	12.9	0.5	0.3	4.5	0.25	35	0.1	0.9	0.169	0.05	159	0.05	20	
18650E 17550N	0.05	11	0.47	819	1.8	0.019	7.3	0.05	8.9	0.5	0.2	5	0.25	42	0.1	0.5	0.111	0.05	115	0.2	62	
18650E 17575N	0.03	5	0.53	183	1.1	0.02	7.5	0.078	4.8	0.5	0.2	5.3	0.25	21	0.1	1.3	0.211	0.05	250	0.05	39	
18650E 17600N	0.03	5	0.6	195	1.1	0.024	8.7	0.09	5.2	0.5	0.2	6.3	0.25	20	0.1	1.8	0.214	0.05	224	0.1	43	
18650E 17625N	0.03	4	0.71	231	0.7	0.024	11.1	0.075	4.6	0.5	0.2	7.5	0.25	25	0.1	1.9	0.17	0.05	199	0.2	34	
18650E 17650N	0.03	5	0.65	211	1	0.023	12.8	0.082	4	0.5	0.2	7.2	0.5	23	0.1	2.1	0.171	0.05	151	0.3	40	
18650E 17675N	0.04	9	1.13	673	0.4	0.066	7.6	0.126	1.5	0.5	0.1	16.8	0.25	18	0.1	1.4	0.314	0.05	164	0.4	117	

2021 Soil Samples Notes and Assays

SampleID	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Report
18650E 17700N	0.05	16	0.88	1610	1.1	0.022	13.8	0.098	7.2	0.5	0.2	6	1.4	44	0.1	1.2	0.09	0.05	88	0.2	85	
18650E 17725N	0.04	7	0.86	350	2.9	0.034	15.7	0.088	3.7	0.5	0.2	8	0.25	29	0.1	1.3	0.305	0.05	207	1.4	66	
18650E 17750N	0.02	5	0.23	152	0.5	0.016	3.9	0.051	4.2	0.5	0.2	3.7	0.25	21	0.1	0.8	0.287	0.05	155	0.05	24	
18650E 17775N	0.04	11	1.28	1080	0.9	0.071	8.6	0.14	6.4	0.5	0.2	18.4	0.25	46	0.1	0.9	0.227	0.05	243	0.2	148	
18650E 17800N	0.05	7	0.31	220	1	0.025	5.4	0.043	7.4	0.5	0.2	4.7	0.25	21	0.1	1.3	0.146	0.05	120	0.05	36	
18650E 17825N	0.03	6	0.17	180	0.8	0.026	3.5	0.046	33.4	0.5	0.4	3.3	0.25	15	0.1	0.9	0.155	0.05	122	0.05	364	
18650E 17850N	0.04	10	0.43	227	1.4	0.021	7.5	0.063	11.2	0.5	0.1	4.7	0.6	23	0.1	1.8	0.091	0.05	76	0.3	31	
18650E 17875N	0.02	5	0.1	132	0.5	0.015	1.9	0.031	40.6	0.5	0.05	2.4	0.25	11	0.1	1.1	0.11	0.05	78	0.05	17	
18650E 17900N	0.05	7	0.43	202	2.5	0.016	8.3	0.071	7.7	0.5	0.2	4.7	0.7	19	0.1	1.4	0.117	0.05	89	0.4	38	
18650E 17925N	0.05	6	0.47	328	5.1	0.015	5.1	0.015	5.2	0.5	0.1	5.7	0.25	21	0.1	0.9	0.15	0.05	103	0.1	43	
18650E 17950N	0.04	23	0.22	4990	2.6	0.02	11.4	0.099	19.7	0.5	0.2	4.5	1	37	0.1	0.4	0.05	0.2	45	0.3	110	
18650E 17975N	0.06	8	0.41	275	3	0.019	7	0.044	5.3	0.5	0.3	6.5	0.25	14	0.1	1.2	0.196	0.05	143	0.3	83	
18650E 18000N	0.06	6	0.32	222	1.9	0.016	5.8	0.054	8.5	0.5	0.2	7	0.25	8	0.1	1.3	0.141	0.05	125	0.4	50	
18650E 18025N	0.03	5	0.16	104	2.3	0.016	3.4	0.083	6	0.5	0.2	3.3	0.25	11	0.1	1.6	0.137	0.05	123	0.1	42	
18650E 18050N	0.04	4	0.21	125	2.1	0.014	4.5	0.27	6.8	0.5	0.2	7.2	0.9	7	0.1	3.6	0.088	0.05	139	0.2	44	
18650E 18075N	0.05	7	0.34	204	1.5	0.019	6.4	0.052	6.2	0.5	0.2	5.3	0.25	16	0.1	2.3	0.14	0.05	108	0.05	50	
18650E 18100N	0.05	5	0.44	225	2.3	0.015	6.1	0.094	7.9	0.5	0.3	5.7	0.25	14	0.1	2.1	0.159	0.05	136	0.3	47	
18650E 18125N	0.04	6	0.4	219	1.4	0.017	5.5	0.047	4.8	0.5	0.1	4.7	0.25	16	0.1	2.7	0.127	0.05	97	0.05	34	
18650E 18150N	0.04	5	0.25	135	0.9	0.017	4.8	0.059	5.9	0.5	0.2	3.3	0.25	13	0.1	1.6	0.113	0.05	98	0.05	39	
18650E 18175N	0.03	4	0.19	130	0.6	0.016	3.1	0.043	4.6	0.5	0.1	2.4	0.25	14	0.1	1	0.099	0.05	88	0.1	18	
18650E 18200N	0.03	4	0.33	273	4.8	0.016	9.5	0.109	5.3	0.5	0.2	8	0.7	18	0.1	1.7	0.146	0.05	117	0.4	65	
18700E 17400N	0.05	9	0.79	443	0.9	0.022	11.1	0.08	4.6	0.5	0.2	7.8	0.25	33	0.1	1.9	0.144	0.05	116	0.3	52	
18700E 17425N	0.06	14	0.65	2660	0.8	0.021	14.6	0.079	11.1	0.5	0.2	5.1	0.25	42	0.1	0.8	0.107	0.05	93	0.2	119	
18700E 17450N	0.05	8	0.52	207	0.6	0.02	6.1	0.055	6.1	0.5	0.2	5.4	0.25	31	0.1	1.1	0.176	0.05	141	0.1	46	
18700E 17475N	0.05	9	0.9	330	0.8	0.024	11.1	0.106	4.6	0.5	0.2	8.5	0.25	32	0.1	1.6	0.17	0.05	124	0.3	127	
18700E 17500N	0.04	7	0.4	1270	0.6	0.022	7.1	0.032	8.8	0.5	0.3	3.7	0.25	31	0.1	0.6	0.111	0.05	107	0.1	54	
18700E 17525N	0.04	5	0.63	235	1	0.022	9	0.096	4.4	0.5	0.2	12.6	0.25	23	0.1	2.9	0.156	0.05	151	0.2	45	
18700E 17550N	0.05	7	0.45	4020	5.5	0.019	12.9	0.058	12.9	0.5	0.5	5	0.25	41	0.1	1	0.14	0.1	282	0.2	109	
18700E 17575N	0.08	6	0.76	226	1.3	0.018	9.5	0.032	4.8	0.5	0.2	5.9	0.25	30	0.1	1.3	0.183	0.05	187	0.2	41	
18700E 17600N	0.02	4	0.69	218	0.7	0.024	15.1	0.022	3.6	0.5	0.4	5.2	0.25	38	0.1	0.3	0.213	0.05	185	0.05	34	
18700E 17625N	0.02	6	0.2	176	1	0.02	2.9	0.027	4.7	0.5	0.2	3.5	0.25	21	0.1	0.9	0.235	0.05	167	0.05	22	
18700E 17650N	0.02	5	0.15	158	0.5	0.016	2.8	0.017	5.3	0.5	0.2	3	0.25	22	0.1	0.8	0.207	0.05	167	0.05	16	
18700E 17675N	0.01	7	0.19	125	0.4	0.017	2.8	0.042	6.7	0.5	0.3	4.5	0.25	27	0.1	1	0.478	0.05	190	0.05	18	
18700E 17700N	0.03	6	0.62	175	0.9	0.015	7	0.074	9.5	0.5	0.3	8.1	0.25	23	0.1	1.6	0.276	0.05	151	0.8	38	
18700E 17725N	0.05	20	0.86	2050	1.2	0.022	13.4	0.088	5.4	0.5	0.2	5.9	1.6	40	0.1	0.7	0.074	0.05	90	0.1	89	
18700E 17750N	0.03	5	0.44	250	0.8	0.022	8	0.105	5.2	0.5	0.1	6.6	0.9	23	0.1	1.7	0.136	0.05	115	0.3	35	
18700E 17775N	0.03	6	0.34	171	0.8	0.021	5.9	0.051	6.4	0.5	0.2	3.7	0.25	23	0.1	1.2	0.207	0.05	121	0.05	28	
18700E 17800N	0.02	5	0.19	163	0.7	0.02	3.9	0.042	5.4	0.5	0.1	2.9	0.25	18	0.1	0.9	0.188	0.05	128	0.05	22	
18700E 17825N	0.03	7	0.44	241	1.3	0.023	6.9	0.116	5.9	0.5	0.2	6.1	1	20	0.1	3.7	0.124	0.05	94	0.5	29	
18700E 17850N	0.03	5	0.26	183	0.5	0.016	4.3	0.014	4.1	0.5	0.2	3	0.25	20	0.1	1.2	0.175	0.05	103	0.05	23	
18700E 17875N	0.05	11	0.91	2060	2	0.022	14	0.071	17	0.5	0.3	6.6	0.25	36	0.1	1.4	0.137	0.05	93	0.2	74	
18700E 17900N	0.05	9	0.78	990	1.9	0.023	12.1	0.063	7.9	0.5	0.2	6.6	0.25	31	0.1	1.5	0.119	0.05	82	4.2	70	
18700E 17925N	0.04	7	0.3	333	2.7	0.019	6.1	0.061	7.3	0.5	0.05	4.3	0.25	19	0.1	0.8	0.121	0.05	111	0.4	42	
18700E 17950N	0.03	5	0.22	153	2.2	0.016	4.6	0.05	6	0.5	0.2	3.4	0.25	13	0.1	0.9	0.144	0.05	158	0.2	44	
18700E 17975N	0.02	6	0.11	189	0.8	0.016	2.6	0.01	5.1	0.5	0.1	2.4	0.25	15	0.1	0.9	0.157	0.05	74	0.05	14	
18700E 18000N	0.04	19	0.21	8100	5.7	0.024	18.5	0.111	14.3	0.5	0.1	4.2	1	27	0.1	0.6	0.055	0.3	54	0.3	200	
18700E 18025N	0.03	5	0.32	221	2.3	0.015	5.7	0.046	4.7	0.5	0.2	4.2	0.25	11	0.1	1.3	0.117	0.05	115	0.2	41	
18700E 18050N	0.04	5	0.32	174	1.3	0.017	5.4	0.049	6.5	0.5	0.2	4.5	0.25	13	0.1	1.7	0.168	0.05	145	0.05	39	
18700E 18075N	0.04	4	0.49	207	6.1	0.012	4.4	0.014	4.2	0.5	0.2	7.8	0.25	8	0.1	0.6	0.036	0.05	133	0.2	38	
18700E 18100N	0.05	4	0.57	239	6.4	0.034	5.3	0.017	4.7	0.5	0.2	8.2	0.25	10	0.1	0.7	0.045	0.05	149	0.4	44	
18700E 18125N	0.05	9	0.29	391	2.4	0.018	9.8	0.072	12.9	0.5	0.2	3.7	0.25	18	0.1	1.3	0.089	0.05	62	0.1	87	
18700E 18150N	0.03	14	0.11	120	5	0.018	5.1	0.113	6.9	0.5	0.2	7.6	3.7	7	0.1	4	0.063	0.05	54	0.2	41	
18700E 18175N	0.03	5	0.16	146	0.5	0.017	2.1	0.013	3.7	0.5	0.05	2.6	0.25	12	0.1	1.1	0.105	0.05	74	0.05	19	
18700E 18200N	0.05	5	0.41	237	3.1	0.02	25.6	0.059	6.9	0.5	0.3	7.6	0.8	14	0.1	3.5	0.087	0.05	87	0.5	35	

2021 Soil Samples Notes Per Line

JR Grid							
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	Meters
16700	18750	653	Brown	30	Rocky		
16700	18800	646	Brown	35	Sand	20 m East, Creek	
16700	18850	629	Brown	30	Soil	16680E	
16700	18900	608	Brown	40	Soil	16690E	
16700	18950	600	Brown	35	Soil	16690E	
16700	19000	597	Brown	35	Soil	16690E	
16700	19050	591	Brown	35	Soil	19040E	
16700	19100	591	Brown	35	Soil	Cut Block	
16700	19150	590	Brown	35	Soil	Cut Block	
16700	19200	590	Brown	35	Soil	Cut Block	
16700	19250	598	Brown	30	Gravel	Cut Block	
16700	19300	600	Brown	30	Soil	Cut Block	
16700	19350	606	Brown	30	Soil	Cut Block	600
Total Samples							13
16750	18750	660	Brown	35	Soil		
16750	18800	651	Brown	35	Soil		
16750	18850	626	Brown	30	Gravel	16m East, Creek	
16750	18900	619	Brown	30	Soil	10m East	
16750	18950	602	Brown	30	Soil	Creek	
16750	19000	591	Brown	50	Soil	19067N, Cut Block	
16750	19050	589	Brown	45	Soil	Cut Block	
16750	19100	588	Brown	35	Soil	19130N, Swamp, Cut Block	
16750	19150	588	Brown	60	Soil	Cut Block	
16750	19200	587	Brown	45	Soil	Cut Block	
16750	19250	589	Brown	40	Soil	Cut Block	
16750	19300	591	Brown	40	Soil	Cut Block	
16750	19350	596	Brown	35	Soil	Cut Block	600
Total Samples							13
16800	18750	655	Brown	50	Rocky		
16800	18800	660	Brown	45	Soil		
16800	18850	643	Brown	35	Gravel		
16800	18900	645	Brown	35	Soil		
16800	18950	627	Brown	40	Soil		
16800	19000	615	Brown	40	Soil		
16800	19050	578	Brown	40	Soil		
16800	19100	592	Brown	65	Soil	Cut Block	
16800	19150	589	Brown	25	Soil	19167N, Cut Block, Swamp	
16800	19200	588	Brown	35	Soil	19225N, Cut Block, Swamp	
16800	19250	588	Brown	40	Soil	Cut Block	
16800	19300	584	Brown	30	Soil	Cut Block	
16800	19350	580	Brown	30	Soil		600
Total Samples							13
16850	18750	671	Brown	35	Soil		
16850	18800	654	Brown	30	Soil		
16850	18850	636	Brown	35	Soil		
16850	18900	622	Brown	35	Soil		
16850	18950	609	Brown	35	Gravel		
16850	19000	606	Brown	20	Rocky		
16850	19050	597	Brown	30	Soil		
16850	19100	594	Brown	35	Soil		
16850	19150	597	Brown	35	Soil		
16850	19200	601	Brown	35	Soil	Cut Block	
16850	19250	608	Brown	35	Soil	Cut Block	
16850	19300	609	Brown	35	Soil		
16850	19350	599	Brown	35	Soil		600
Total Samples							13
16900	18750	663	Brown	35	Soil		
16900	18800	657	Brown	40	Soil		
16900	18850	647	Brown	35	Soil		
16900	18900	629	Brown	35	Soil		
16900	18950	623	Brown	35	Soil		
16900	19000	615	Brown	30	Soil		
16900	19050	613	Brown	35	Soil		

2021 Soil Samples Notes Per Line

16900	19100	603	Brown	35	Gravel	Creek	
16900	19150	596	Brown	35	Sand/Gravel	Creek	
16900	19200	592	Brown	35	Sand/Gravel	Creek	
16900	19250	605	Brown	35	Gravel		
16900	19300	601	Brown	35	Sand/Gravel		
16900	19350	599	Brown	35			600
Total Samples							13
16950	18750	685	Brown	35	Soil		
16950	18800	676	Brown	35	Soil		
16950	18850	657	Brown	35	Soil		
16950	18900	642	Brown	35	Soil		
16950	18950	633	Brown	35	Soil		
16950	19000	620	Brown	35	Soil		
16950	19050	619	Brown	35	Soil		
16950	19100	623	Brown	45	Gravel		
16950	19150	618	Brown	40	Soil		
16950	19200	615	Brown	35	Soil		
16950	19250	611	Brown	35	Sand/Gravel		
16950	19300	616	Brown	35	Soil		
16950	19350	621	Brown	35	Sand/Gravel		600
Total Samples							13
17000	18750	693	Brown	35	Soil		
17000	18800	676	Brown	35	Soil		
17000	18850	660	Brown	35	Soil		
17000	18900	645	Sandy	35	Soil		
17000	18950	636	Sandy	35	Soil		
17000	19000	617	Gravel	35	Soil	18980, Creek	
17000	19050	607	Brown	35	Soil		
17000	19100	603	Brown	35	Soil	17010, Road	
17000	19150	603	Brown	35	Soil	17010, Road	
17000	19200	617	Brown	35	Soil	17015, Road	
17000	19250	616	Brown	35	Soil	17015, Road	
17000	19300	614	Brown	35	Soil	17015, Road	
17000	19350	616	Brown	35	Soil		600
Total Samples							13
17050	18750	692	Brown	35	Soil		
17050	18800	683	Brown	35	Soil		
17050	18850	665	Brown	35	Soil		
17050	18900	659	Brown	35	Soil		
17050	18950	643	Grey	40	Soil		
17050	19000	613	Brown	45	Soil		
17050	19050	616	Brown	35	Soil		
17050	19100	617	Brown	35	Soil		
17050	19150	617	Brown	35	Soil		
17050	19200	618	Brown	35	Soil		
17050	19250	617	Brown	30	Rocky		
17050	19300	620	Brown	25	Rocky		
17050	19350	624	Brown	30	Soil		600
Total Samples							13
17100	18750	697	Brown	40	Soil		
17100	18800	683	Brown	35	Soil		
17100	18850	670	Brown	40	Soil		
17100	18900	659	Brown	35	Soil		
17100	18950	639	Brown	35	Soil		
17100	19000	642	Brown	35	Soil		
17100	19050	646	Brown	35	Soil		
17100	19100	650	Brown	35	Soil		
17100	19150	656	Brown	25	Soil		
17100	19200	657	Brown	35	Soil		
17100	19250	654	Brown	30	Soil		
17100	19300	655	Brown	35	Soil		
17100	19350	657	Brown	35	Soil		600
Total Samples							13
17150	18750	702	Brown	40	Rocky		

2021 Soil Samples Notes Per Line

17150	18800	684	Brown	35	Soil		
17150	18850	674	Brown	35	Soil		
17150	18900	654	Brown	30	Soil		
17150	18950	656	Grey	35	Rocky		
17150	19000	660	Grey	35	Rocky		
17150	19050	668	Grey	30	Rocky		
17150	19100	669	Grey	30	Rocky		
17150	19150	676	Grey	30	Rocky		
17150	19200	677	Grey	25	Rocky		
17150	19250	678	Grey	20	Rocky		
17150	19300	679	Grey	35	Rocky		
17150	19350	673	Grey	40	Rocky		600
Total Samples							
W-21 South Grid							
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	Meters
18250	17400	743	Brown	45	Soil		
18250	17425	742	Brown	35	Soil		
18250	17450	740	Brown	30	Gravel		
18250	17475	742	Brown	35	Soil		
18250	17500	742	Brown	35	Soil		
18250	17525	740	Brown	35	Soil		
18250	17550	731	Brown	40	Soil		
18250	17575	727	Brown	50	Soil	7m East, Road. Cut Block	
18250	17600	725	Brown	35	Soil	Cut Block	
18250	17625	728	Brown	35	Soil	Cut Block	
18250	17650	730	Brown	30	Soil		
18250	17675	733	Brown	35	Soil		
18250	17700	732	Brown	40	Soil		
18250	17725	731	Brown	35	Soil		
18250	17750	729	Brown	35	Soil		
18250	17775	729	Black	50	Soil	Swampy	
18250	17800	728	Black	50	Soil	Swampy	
18250	17825	725	brown	35	soil		
18250	17850	721	brown	30	soil		
18250	17875	720	black	50	soil	bog, 8m west	
18250	17900	720	black	50	soil	bog, 7m west	
18250	17925	719	brown	50	soil	bog	
18250	17950	721	brown	35	sandy gravel		
18250	17975	723	brown	35	soil		
18250	18000	730	brown	35	soil		
18250	18025	737	brown	35	soil		
18250	18050	738	brown	35	soil		
18250	18075	739	brown	25	soil		
18250	18100	743	brown	30	soil		
18250	18125	748	brown	35	soil		
18250	18150	754	brown	35	soil		
18250	18175	757	brown	30	soil	6m East, oco road	
18250	18200	759	brown	35	soil		800
Total Samples							33
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	Meters
18300	17400	742	brown	35	sandy gravel		
18300	17425	745	brown	35	soil		
18300	17450	738	brown	35	soil		
18300	17475	737	brown	35	soil		
18300	17500	734	brown	55	soil		
18300	17525	731	brown	40	soil		
18300	17550	727	brown	30	soil	cut block	
18300	17575	721	brown	30	sandy gravel	cut block	
18300	17600	719	brown	35	sandy gravel	cut block	
18300	17625	719	brown	30	sandy gravel	cut block	
18300	17650	724	brown	35	soil		
18300	17675	726	brown	35	soil		
18300	17700	726	brown	50	soil		
18300	17725	725	brown	30	soil		
18300	17750	724	brown	30	soil		
18300	17775	724	brown	35	soil		
18300	17800	723	brown	30	soil		

2021 Soil Samples Notes Per Line

18300	17825	716	grey	35	soil	Swampy	
18300	17850	716	grey	35	soil		
18300	17875	716	brown	35	soil		
18300	17900	718	brown	50	soil	17910N	
18300	17925	728	brown	25	soil	17935N	
18300	17950	732	brown	30	soil		
18300	17975	735	brown	20	soil		
18300	18000	742	brown	35	soil		
18300	18025	740	brown	35	soil		
18300	18050	740	black	45	soil	swampy	
18300	18075	743	brown	35	soil		
18300	18100	743	brown	35	sand		
18300	18125	746	brown	30	soil	18135N road	
18300	18150	752	brown	30	soil		
18300	18175	751	brown	35	soil		
18300	18200	759	brown	35	soil		800
Total Samples							33
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	Meters
18350	17400	761	brown	40	soil	poor site	
18350	17425	748	brown	25	soil		
18350	17450	744	brown	30	soil		
18350	17475	743	brown	20	soil		
18350	17500	737	brown	40	soil		
18350	17525	729	brown	45	soil	10m south	
18350	17550	731	brown	35	soil		
18350	17575	731	brown	20	soil		
18350	17600	746	brown	15	sand		
18350	17625	742	brown	30	soil	wet	
18350	17650	749	brown	30	soil		
18350	17675	728	brown	35	soil	wet	
18350	17700	722	brown	30	soil		
18350	17725	725	brown	25	soil		
18350	17750	726	brown	20	soil		
18350	17775	730	brown	20	soil		
18350	17800	724	brown	25	soil		
18350	17825	722	brown	30	soil		
18350	17850	718	brown	25	soil		
18350	17875	715	brown	30	Gravel	swampy	
18350	17900	717	brown	15	soil		
18350	17925	732	brown	35	soil		
18350	17950	731	brown	25	soil	wet	
18350	17975	732	brown	20	soil		
18350	18000	735	brown	30	soil		
18350	18025	738	brown	30	soil		
18350	18050	746	brown	35	soil		
18350	18075	741	brown	20	soil		
18350	18100	745	brown	35	soil	10m south, road	
18350	18125	742	brown	25	soil		
18350	18150	743	brown	35	soil		
18350	18175	753	brown	15	soil		
18350	18200	753	grey	20	soil		
total Samples							33
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	Meters
18400	17400	743	brown	25	soil	Cut Block	
18400	17425	740	brown	25	soil	Cut Block	
18400	17450	735	brown	35	soil		
18400	17475	730	brown	30	soil		
18400	17500	729	brown	30	soil		
18400	17525	728	brown	35	wet soil		
18400	17550	722	brown	25	rocky		
18400	17575	722	brown	20	rocky soil	road	
18400	17600	722	brown	25	Soil		
18400	17625	726	brown	30	swampy		
18400	17650	723	brown	30	soil		
18400	17675	729	brown	25	soil		
18400	17700	725	brown	30	soil		
18400	17725	715	brown	30	soil		
18400	17750	715	grey	25	soil		

2021 Soil Samples Notes Per Line

18400	17775	714	brown	30	soil		
18400	17800						
18400	17825	717	brown	35	soil		
18400	17850	720	brown	50	soil		
18400	17875	725	brown	30	soil		
18400	17900	730	brown	35	soil		
18400	17925	732	brown	30	soil		
18400	17950	728	brown	30	soil		
18400	17975	730	brown	35	sandy gravel		
18400	18000	732	brown	35	soil		
18400	18025	733	brown	35	soil		
18400	18050	738	brown	35	soil		
18400	18075	740	brown	35	soil	cut block	
18400	18100	743	brown	30	soil	cut block	
18400	18125	748	brown	30	soil	cut block	
18400	18150	752	brown	35	soil	cut block	
18400	18175	752	brown	30	sandy gravel	cut block	
18400	18200	762	brown	30	soil	cut block	
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	Meters
18450	17400	735	brown	35	soil	cut block	
18450	17425	731	brown	35	sandy gravel	cut block	
18450	17450	729	brown	50	sandy gravel	cut block	
18450	17475	726	brown	35	sandy gravel	cut block, 7m West, Slash Pile	
18450	17500	723	brown	30	sandy gravel	cut block	
18450	17525	722	brown	30	soil	cut block	
18450	17550	721	brown	40	soil	cut block	
18450	17575	719	brown	30	sandy gravel	cut block	
18450	17600	718	brown	35	soil	cut block	
18450	17625	718	brown	35	soil	cut block	
18450	17650	712	brown	30	soil		
18450	17675	714	brown	30	soil		
18450	17700	715	brown	35	soil		
18450	17725	720	brown	35	soil		
18450	17750	722	brown	30	soil		
18450	17775	723	brown	30	soil		
18450	17800	725	brown	35	soil		
18450	17825	721	brown	20	soil		
18450	17850	729	brown	15	soil	rocky	
18450	17875	728	brown	30	soil		
18450	17900	725	brown	30	soil		
18450	17925	723	brown	25	soil		
18450	17950	725	brown	20	soil		
18450	17975	713	brown	20	soil		
18450	18000	724	brown	15	soil		
18450	18025	724	brown	40	soil		
18450	18050	727	brown	35	soil		
18450	18075	727	brown	25	soil	damp	
18450	18100	728	brown	25	soil	wet	
18450	18125	732	brown	20	soil		
18450	18150	741	brown	25	soil	wet	
18450	18175	744	brown	25	soil	10m East, road	
18450	18200	752	brown	30	soil	10m East, road	
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	
18500	17400	737	brown	30	soil	cut block	
18500	17425	735	brown	35	soil	cut block	
18500	17450	726	brown	35	soil	cut block	
18500	17475	720	brown	35	soil	cut block	
18500	17500	715	brown	40	soil	cut block	
18500	17525	716	brown	45	soil	cut block, swampy	
18500	17550	715	brown	40	soil	cut block	
18500	17575	708	brown	35	soil	cut block	
18500	17600	712	brown	35	soil	cut block	
18500	17625	710	brown	55	soil	cut block, swampy	
18500	17650	720	brown	35	soil	17655N, road	
18500	17675	714	brown	35	soil		
18500	17700	720	brown	35	soil		
18500	17725	724	brown	35	soil	17735N, road	
18500	17750	725	brown	35	soil		
18500	17775	732	brown	35	soil		

2021 Soil Samples Notes Per Line

18500	17800						
18500	17825	729	brown	20	soil		
18500	17850	729	brown	30	soil		
18500	17875	728	brown	15	soil		
18500	17900	729	brown	15	soil		
18500	17925	730	brown	35	soil		
18500	17950	738	brown	30	soil		
18500	17975	731	brown	20	soil		
18500	18000	722	brown	25	soil		
18500	18025	725	brown	10	soil	10m North, cut block, road	
18500	18050	730	brown	15	soil	cut block	
18500	18075	730	brown	45	soil	cut block	
18500	18100	748	brown	20	soil	rocky, cut block	
18500	18125	752	brown	30	soil		
18500	18150	741	brown	15	soil		
18500	18175	760	brown	15	soil		
18500	18200	763	grey	30	soil		
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	
18550	17400	737	brown	25	soil		
18550	17425	731	brown	25	soil		
18550	17450	722	brown	20	soil		
18550	17475	719	brown	30	soil		
18550	17500	716	brown	30	sand		
18550	17525	715	brown	25	soil		
18550	17550	721	brown	25	soil		
18550	17575	717	brown	25	soil		
18550	17600					no sample	
18550	17625	714	brown	20	soil		
18550	17650	715	brown	15	soil		
18550	17675	724	brown	15	soil		
18550	17700	708	brown	15	soil		
18550	17725	715	brown	15	soil	10m south, road	
18550	17750	718	brown	15	soil		
18550	17775	726	brown	25	soil		
18550	17800	727	brown	15	soil		
18550	17825	729	brown			damp	
18550	17850	731	brown				
18550	17875	732	brown			damp	
18550	17900	738	brown			wet	
18550	17925	730	grey				
18550	17950	724	bown				
18550	17975	723	grey				
18550	18000	722	brown			10m west, road, cut block	
18550	18025	720	brown			cut block	
18550	18050	726	brown			cut block	
18550	18075	733	brown			cut block	
18550	18100	739	brown			cut block	
18550	18125	747	brown				
18550	18150	746	brown				
18550	18175	745	brown				
18550	18200	748	brown				
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	Meters
18600	17400	732	brown	35	soil	cut block	
18600	17425	728	brown	35	soil	cut block	
18600	17450	724	brown	35	soil	cut block	
18600	17475	715	brown	35	soil	cut block	
18600	17500	712	brown	30	soil	cut block	
18600	17525	718	black	50	soil	swampy	
18600	17550	722	brown	35	soil	18610E, swamp	
18600	17575	726	brown	40	soil	18590E, swamp	
18600	17600	720	brown	35	soil		
18600	17625	722	brown	35	soil		
18600	17650	725	brown	25	soil		
18600	17675	724	brown	30	soil		
18600	17700	713	brown	35	soil		
18600	17725	697	brown	35	soil	cut block	
18600	17750	709	brown	25	soil		
18600	17775	715	brown	25	soil		
18600	17800	712	brown	20	soil		

2021 Soil Samples Notes Per Line

18600	17825	726	borwn	20	soil	rocky	
18600	17850	724	borwn	25	soil		
18600	17875	716	borwn	30	soil		
18600	17900	716	borwn	35	soil		
18600	17925	714	borwn	20	soil	swampy	
18600	17950	713	borwn	35	gravel		
18600	17975	715	borwn	40	soil	17985N, road	
18600	18000	722	borwn	40	soil	cut block	
18600	18025	721	borwn	35	soil	cut block	
18600	18050	731	borwn	35	soil	cut block	
18600	18075	735	borwn	35	soil	cut block	
18600	18100	744	borwn	35	soil		
18600	18125	750	borwn	25	soil		
18600	18150	763	borwn	25	soil		
18600	18175	764	borwn	30	soil		
18600	18200	765	borwn	30	soil		
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	Meters
18650	17400	729	brown	35	soil	cut block	
18650	17425	724	brown	35	soil	cut block	
18650	17450	719	brown	35	soil	cut block	
18650	17475	715	brown	35	soil	cut block	
18650	17500	713	brown	30	soil		
18650	17525	712	brown	40	soil		
18650	17550	714	brown	30	soil		
18650	17575	710	brown	35	soil		
18650	17600	711	brown	30	soil		
18650	17625	711	brown	30	soil		
18650	17650	712	brown	35	soil		
18650	17675	710	brown	30	sandy gravel		
18650	17700	704	brown	30	sandy gravel		
18650	17725	707	brown	25	soil	cut block	
18650	17750	710	brown	35	soil	cut block	
18650	17775	713	brown	15	gravel	out crop	
18650	17800	712	brown	30	soil	10m North, out crop	
18650	17825	705	brown	30	soil		
18650	17850	703	brown	20	gravel	out crop, swampy	
18650	17875	706	brown	30	soil		
18650	17900	708	brown	35	soil		
18650	17925	708	brown	40	soil		
18650	17950	712	brown	50	soil	cut block	
18650	17975	715	brown	30	soil	cut block	
18650	18000	719	brown	35	soil	cut block	
18650	18025	724	brown	30	soil	cut block	
18650	18050	731	brown	20	soil	cut block	
18650	18075	736	brown	25	soil		
18650	18100	741	brown	30	soil		
18650	18125	747	brown	30	soil		
18650	18150	751	brown	30	soil		
18650	18175	755	brown	30	soil		
18650	18200	758	brown	30	soil		
Easting	Northing	Altitude (m)	Colour	Depth	Soil Type	Comments	Meters
18700	17400	719	borwn	20	soil	cutblock	
18700	17425	708	borwn	45	soil	cutblock	
18700	17450	712	borwn	20	soil	cutblock, out crop	
18700	17475	706	borwn	35	soil	cutblock	
18700	17500	707	borwn	45	soil		
18700	17525	703	borwn	40	soil		
18700	17550	702	borwn	30	soil		
18700	17575	714	borwn	30	soil		
18700	17600	709	borwn	40	soil	bog	
18700	17625	704	borwn	40	soil		
18700	17650	713	borwn	20	soil		
18700	17675	700	borwn	35	soil		
18700	17700	717	borwn	35	soil	rocky	
18700	17725	701	borwn	35	soil		
18700	17750	705	borwn	20	soil	cut block	
18700	17775	703	borwn	15	soil	cut block	
18700	17800	701	borwn	35	soil	cut block	
18700	17825	682	borwn	25	soil		

2021 Soil Samples Notes Per Line

18700	17850	689	borwn	25	soil		
18700	17875	685	borwn	30	soil	17890N	
18700	17900	705	borwn	30	soil		
18700	17925	705	borwn	20	soil	17983N, cut block	
18700	17950	710	borwn	40	soil	cut block	
18700	17975	719	borwn	20	soil	cut block	
18700	18000	718	borwn	20	soil	cut block	
18700	18025	726	borwn	20	soil	cut block	
18700	18050	732	borwn	15	soil		
18700	18075	745	borwn	30	gravel		
18700	18100	748	borwn	20	soil		
18700	18125	757	borwn	20	soil	18708E	
18700	18150	758	borwn	25	soil		
18700	18175	751	borwn	35	soil		
18700	18200	761	borwn	40	gravelly		

Assays Sheets

Appendix III



Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

Report No.: A21-10413
Report Date: 08-Jul-21
Date Submitted: 08-Jun-21
Your Reference: W-21

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

7 Rock samples were submitted for analysis.

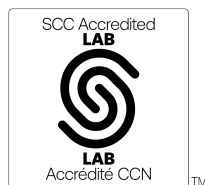
The following analytical package(s) were requested:		Testing Date:
1A2-ICP Kamloops	QOP PGE-OES (Au-Fire Assay ICPOES 30g)	2021-07-05 12:22:00
1E3-Kamloops	QOP AquaGeo (Aqua Regia ICPOES)	2021-06-18 12:09:39

REPORT A21-10413

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 790

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CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Elitsa Hrischeva".

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-10413

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
907370	< 0.2	< 0.5	107	1140	10	26	< 2	45	0.47	117	< 10	60	< 0.5	< 2	9.74	13	4	4.21	< 10	< 1	0.23	< 10	3.23
907371	< 0.2	< 0.5	23	918	< 1	11	< 2	34	0.73	28	< 10	191	< 0.5	< 2	8.40	8	4	4.10	< 10	< 1	0.22	< 10	2.97
907372	< 0.2	< 0.5	26	1030	5	13	< 2	31	0.60	33	< 10	131	< 0.5	< 2	9.13	8	3	4.31	< 10	< 1	0.27	< 10	3.05
907373	< 0.2	< 0.5	7	1270	1	9	< 2	42	0.40	13	< 10	346	< 0.5	< 2	> 10.0	3	2	5.33	< 10	< 1	0.20	< 10	4.57
907374	< 0.2	< 0.5	65	1350	2	10	3	50	0.34	62	< 10	143	< 0.5	< 2	> 10.0	9	2	5.26	< 10	< 1	0.17	< 10	4.32
907375	0.6	< 0.5	873	1460	14	31	6	26	2.22	41	22	12	0.5	< 2	7.18	32	2	12.9	< 10	< 1	0.30	90	1.05
907376	< 0.2	< 0.5	24	1140	2	15	2	47	0.50	32	< 10	65	< 0.5	< 2	8.84	12	3	4.58	< 10	< 1	0.26	< 10	3.18

Results

Activation Laboratories Ltd.

Report: A21-10413

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	2
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-ICP
907370	0.020	0.009	0.18	17	3	414	< 0.01	< 20	< 1	< 2	< 10	16	< 10	8	2	5
907371	0.022	0.030	0.06	7	10	284	< 0.01	< 20	2	< 2	< 10	37	< 10	9	1	3
907372	0.020	0.012	0.07	10	4	372	< 0.01	< 20	3	< 2	< 10	20	< 10	9	2	< 2
907373	0.019	0.008	0.07	4	2	526	< 0.01	< 20	< 1	< 2	< 10	21	< 10	10	2	2
907374	0.018	0.019	0.18	18	2	452	< 0.01	< 20	< 1	< 2	< 10	22	< 10	10	2	2
907375	0.034	3.14	7.22	9	8	117	0.04	< 20	4	< 2	< 10	38	< 10	149	9	35
907376	0.019	0.046	1.00	6	4	359	< 0.01	< 20	< 1	< 2	< 10	18	< 10	13	2	7

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas	0.2	< 0.5	6210	443	2	35	8	25	1.81	95		77	6.6	2	0.05	90	24	6.28	< 10		0.87	38	0.20
OREAS 904 (Aqua Regia) Cert	0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9	0.143
OREAS 904 (Aqua Regia) Meas	0.3	< 0.5	6190	433	1	33	9	24	1.72	91		77	6.4	2	0.05	90	23	6.15	< 10		0.83	37	0.19
OREAS 904 (Aqua Regia) Cert	0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9	0.143
OREAS 904 (Aqua Regia) Meas	0.3	< 0.5	6350	440	2	34	9	25	1.60	92		76	6.5	4	0.05	89	22	6.36	< 10		0.77	39	0.18
OREAS 904 (Aqua Regia) Cert	0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9	0.143
OREAS 922 (AQUA REGIA) Meas	1.0	< 0.5	2330	786	< 1	35	65	269	2.76	5		73	0.6	7	0.42	20	45	5.12	< 10		0.44	35	1.38
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.2	< 0.5	2340	795	< 1	37	58	264	2.85	5		83	0.7	6	0.43	20	48	5.22	< 10		0.47	37	1.41
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.0	< 0.5	2170	747	< 1	34	59	252	2.65	7		76	0.6	7	0.40	18	42	4.98	< 10		0.42	35	1.34
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 924 (AQUA REGIA) Meas	1.8	< 0.5	5410				90	378	2.79	12					0.42	23		5.92					1.50
OREAS 924 (AQUA REGIA) Cert	1.92	0.46	5610				92	370	2.76	7.80					0.318	22.7		5.88					1.45
OREAS 924 (AQUA REGIA) Meas	2.7	< 0.5	5100				86	359	2.59	6					0.38	21		5.65					1.42
OREAS 924 (AQUA REGIA) Cert	1.92	0.46	5610				92	370	2.76	7.80					0.318	22.7		5.88					1.45
OREAS 924 (AQUA REGIA) Meas	1.7	< 0.5	5080				88	358	2.62	7					0.39	21		5.68					1.41
OREAS 924 (AQUA REGIA) Cert	1.92	0.46	5610				92	370	2.76	7.80					0.318	22.7		5.88					1.45
OREAS 520 (Aqua Regia) Meas			2780	1950	54	67	4	19	1.43	138			0.5	3	3.52	173	32	14.9	10		0.46	64	1.09
OREAS 520 (Aqua Regia) Cert			2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0	1.14
OREAS 520 (Aqua Regia) Meas			3070	2080	55	75	3	19	1.51	149			< 0.5	< 2	3.53	178	34	16.2	10		0.47	67	1.21
OREAS 520 (Aqua Regia) Cert			2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0	1.14

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 520 (Aqua Regia) Meas			3080	2100	56	79	8	20	1.54	155			< 0.5	< 2	3.56	179	35	16.5	10		0.48	69	1.19
OREAS 520 (Aqua Regia) Cert			2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0	1.14
OREAS 520 (Aqua Regia) Meas			2870	2010	56	68	9	21	1.47	139			0.5	2	3.57	177	33	15.5	10		0.48	67	1.12
OREAS 520 (Aqua Regia) Cert			2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0	1.14
OREAS 520 (Aqua Regia) Meas			2800	1950	54	67	4	20	1.44	139			< 0.5	< 2	3.50	173	32	15.1	10		0.47	65	1.10
OREAS 520 (Aqua Regia) Cert			2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0	1.14
OREAS 907 (Aqua Regia) Meas	1.2	0.6	6330	339	5	5	33	149	1.19	37		240	0.9	16	0.30	46	8	7.95	20		0.36	37	0.23
OREAS 907 (Aqua Regia) Cert	1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1	0.221
OREAS 907 (Aqua Regia) Meas	1.2	< 0.5	6090	327	5	5	32	144	1.11	35		234	0.9	19	0.28	44	9	7.65	10		0.33	36	0.22
OREAS 907 (Aqua Regia) Cert	1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1	0.221
OREAS 907 (Aqua Regia) Meas	1.3	0.6	6210	344	6	5	34	144	1.09	35		235	0.9	18	0.29	44	8	7.88	10		0.33	36	0.23
OREAS 907 (Aqua Regia) Cert	1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1	0.221
Oreas 621 (Aqua Regia) Meas	69.2	266	3640	543	13	25	> 5000	> 10000	1.72	79			0.5	2	1.66	30	31	3.43	< 10	3	0.35	18	0.45
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	69.1	284	3700	551	13	24	> 5000	> 10000	1.75	80			0.5	< 2	1.51	29	29	3.39	< 10	4	0.36	18	0.46
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	69.7	264	3620	531	12	25	> 5000	> 10000	1.68	77			0.5	2	1.71	30	29	3.42	< 10	4	0.34	19	0.44
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	72.1	276	3740	548	14	26	> 5000	> 10000	1.76	80			0.5	3	1.76	30	31	3.54	< 10	3	0.36	19	0.46
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
OREAS 45f (Aqua Regia) Meas			370	170	2	227	8	26	6.87			150	1.0	< 2	0.08	41	354	14.1	20	< 1	0.10	10	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			369	171	2	225	5	27	6.88			152	1.0	< 2	0.07	41	352	14.3	20	< 1	0.10	10	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			347	158	1	213	6	25	6.34			146	0.9	< 2	0.07	37	330	13.6	20	< 1	0.09	< 10	0.17
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 239 (Fire																							

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 263 (Aqua Regia) Meas	< 0.2	< 0.5	82	470	< 1	64	31	123	1.70	28		175	1.1	< 2	1.02	30	52	3.43	< 10	< 1	0.36		0.57
OREAS 263 (Aqua Regia) Cert	0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288		0.593
OREAS 263 (Aqua Regia) Meas	0.3	< 0.5	93	535	< 1	74	36	126	1.79	31		188	1.2	4	1.10	32	55	3.75	< 10	< 1	0.38		0.65
OREAS 263 (Aqua Regia) Cert	0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288		0.593
OREAS 263 (Aqua Regia) Meas	0.2	< 0.5	91	520	1	72	35	132	1.70	34		186	1.2	< 2	1.11	33	54	3.78	< 10	< 1	0.34		0.63
OREAS 263 (Aqua Regia) Cert	0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288		0.593
OREAS 263 (Aqua Regia) Meas	0.2	< 0.5	87	503	< 1	70	34	131	1.75	33		197	1.2	< 2	1.09	32	54	3.73	< 10	< 1	0.36		0.61
OREAS 263 (Aqua Regia) Cert	0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288		0.593
907370 Orig	< 0.2	< 0.5	107	1150	10	27	< 2	46	0.45	118	< 10	59	< 0.5	3	9.77	13	4	4.22	< 10	< 1	0.22	< 10	3.24
907370 Dup	< 0.2	< 0.5	107	1140	10	26	2	45	0.49	116	< 10	61	< 0.5	< 2	9.70	13	4	4.20	< 10	< 1	0.23	< 10	3.23
907373 Orig																							
907373 Dup																							
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank																							

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	2
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-ICP
OREAS 904 (Aqua Regia) Meas		0.098	0.04	3	4	20		< 20		< 2	< 10	29		17		
OREAS 904 (Aqua Regia) Cert		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2		
OREAS 904 (Aqua Regia) Meas		0.097	0.04	3	4	19		< 20		< 2	< 10	28		17		
OREAS 904 (Aqua Regia) Cert		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2		
OREAS 904 (Aqua Regia) Meas		0.099	0.04	4	4	19		< 20		< 2	< 10	27		17		
OREAS 904 (Aqua Regia) Cert		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2		
OREAS 922 (AQUA REGIA) Meas	0.025	0.065	0.38	3	4	16		< 20		< 2	< 10	33	< 10	18	30	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.029	0.065	0.38	3	4	17		< 20		< 2	< 10	34	< 10	19	28	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.027	0.062	0.35	3	4	16		< 20		< 2	< 10	31	< 10	17	26	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 924 (AQUA REGIA) Meas			0.80	3												
OREAS 924 (AQUA REGIA) Cert			0.810	0.60												
OREAS 924 (AQUA REGIA) Meas			0.76	2												
OREAS 924 (AQUA REGIA) Cert			0.810	0.60												
OREAS 924 (AQUA REGIA) Meas			0.74	3												
OREAS 924 (AQUA REGIA) Cert			0.810	0.60												
OREAS 520 (Aqua Regia) Meas	0.053	0.067	0.85	7	10	26	0.13	< 20	< 1	< 2	< 10	212	25	11	31	
OREAS 520 (Aqua Regia) Cert	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0	
OREAS 520 (Aqua Regia) Meas	0.062	0.073	0.96	5	10	29	0.14	< 20	< 1	< 2	< 10	234	24	12	24	
OREAS 520 (Aqua Regia) Cert	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0	

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	2
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-ICP
OREAS 520 (Aqua Regia) Meas	0.064	0.073	0.96	5	10	30	0.14	< 20	< 1	< 2	< 10	238	26	12	25	
OREAS 520 (Aqua Regia) Cert	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0	
OREAS 520 (Aqua Regia) Meas	0.056	0.069	0.89	7	11	29	0.14	< 20	< 1	< 2	< 10	219	25	11	35	
OREAS 520 (Aqua Regia) Cert	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0	
OREAS 520 (Aqua Regia) Meas	0.056	0.067	0.86	6	10	27	0.13	< 20	1	< 2	< 10	214	23	11	32	
OREAS 520 (Aqua Regia) Cert	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0	
OREAS 907 (Aqua Regia) Meas	0.092	0.023	0.06	6	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	7	16	
OREAS 907 (Aqua Regia) Cert	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7	
OREAS 907 (Aqua Regia) Meas	0.085	0.023	0.06	6	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	6	35	
OREAS 907 (Aqua Regia) Cert	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7	
OREAS 907 (Aqua Regia) Meas	0.087	0.024	0.06	5	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	6	30	
OREAS 907 (Aqua Regia) Cert	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7	
Oreas 621 (Aqua Regia) Meas	0.154	0.034	4.49	116	2	17		< 20		< 2	< 10	12	< 10	7	71	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.181	0.035	4.68	120	2	17		< 20		2	< 10	13	< 10	8	51	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.152	0.034	4.55	113	2	18		< 20		< 2	< 10	12	< 10	7	70	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.158	0.035	4.81	117	2	19		< 20		< 2	< 10	12	< 10	7	73	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
OREAS 45f (Aqua Regia) Meas	0.040	0.021	0.02		29	15	0.10	< 20		< 2	< 10	194		5	16	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.040	0.022	0.02		29	15	0.11	< 20		< 2	< 10	199		5	20	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.038	0.020	0.02		28	14	0.10	< 20		< 2	< 10	188		5	19	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 239 (Fire																3330

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	2
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-ICP
Assay) Meas																
OREAS 239 (Fire Assay) Cert																3550
OREAS 263 (Aqua Regia) Meas	0.076	0.039	0.11	10	4	17		< 20	< 1	< 2	< 10	25		11		
OREAS 263 (Aqua Regia) Cert	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0		
OREAS 263 (Aqua Regia) Meas	0.096	0.044	0.12	10	4	19		< 20	< 1	< 2	< 10	28		13		
OREAS 263 (Aqua Regia) Cert	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0		
OREAS 263 (Aqua Regia) Meas	0.082	0.042	0.12	10	4	18		< 20	< 1	< 2	< 10	25		12		
OREAS 263 (Aqua Regia) Cert	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0		
OREAS 263 (Aqua Regia) Meas	0.085	0.042	0.11	9	4	18		< 20	< 1	< 2	< 10	26		11		
OREAS 263 (Aqua Regia) Cert	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0		
907370 Orig	0.020	0.009	0.17	17	3	414	< 0.01	< 20	< 1	< 2	< 10	16	< 10	8	2	
907370 Dup	0.020	0.009	0.18	17	3	414	< 0.01	< 20	< 1	< 2	< 10	17	< 10	8	2	
907373 Orig																2
907373 Dup																3
Method Blank	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																< 2



Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

Report No.: A21-11201
Report Date: 26-Jul-21
Date Submitted: 17-Jun-21
Your Reference: W-21

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

18 Rock samples were submitted for analysis.

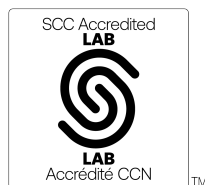
The following analytical package(s) were requested:		Testing Date:
1A2-ICP Kamloops	QOP PGE-OES (Au-Fire Assay ICPOES 30g)	2021-07-22 16:42:24
1E3-Kamloops	QOP AquaGeo (Aqua Regia ICPOES)	2021-07-08 21:29:50

REPORT A21-11201

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.



LabID: 790

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CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-11201

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
0907377	17	0.3	< 0.5	153	1640	4	14	4	46	0.55	89	< 10	97	< 0.5	< 2	> 10.0	11	2	5.09	< 10	< 1	0.20	< 10
0907378	52	1.3	< 0.5	579	1130	265	110	18	184	0.74	516	< 10	13	< 0.5	4	3.28	100	9	8.73	< 10	< 1	0.33	< 10
0907379	14	< 0.2	< 0.5	118	1200	5	23	5	74	2.05	11	11	138	< 0.5	< 2	2.26	18	19	4.27	< 10	< 1	0.30	16
0907380	11	0.2	< 0.5	94	1130	3	18	3	46	0.62	59	< 10	104	< 0.5	< 2	9.31	9	2	5.06	< 10	< 1	0.31	< 10
0907381	9	< 0.2	< 0.5	214	558	2	12	3	78	4.66	< 2	< 10	33	0.6	< 2	3.72	14	18	5.36	10	< 1	0.25	13
0907382	8	0.3	< 0.5	482	322	5	8	2	18	3.14	< 2	< 10	31	< 0.5	2	5.74	17	11	6.64	< 10	< 1	0.33	31
0907383	71	0.8	< 0.5	764	680	< 1	17	< 2	50	2.48	13	< 10	13	< 0.5	< 2	2.10	272	2	12.9	10	< 1	0.09	< 10
0907384	48	0.5	< 0.5	2310	398	< 1	8	< 2	33	2.80	< 2	< 10	11	0.5	< 2	4.62	37	3	9.40	10	< 1	0.04	< 10
0907385	96	0.3	< 0.5	572	438	2	16	< 2	31	2.08	2	< 10	21	< 0.5	< 2	1.87	34	6	8.19	10	< 1	0.10	< 10
0907386	13	0.7	< 0.5	876	252	1	22	< 2	16	3.58	7	< 10	15	0.6	< 2	4.78	51	10	4.42	10	< 1	0.08	< 10
0907387	13	0.2	< 0.5	576	249	2	25	< 2	12	1.15	< 2	< 10	17	< 0.5	< 2	1.61	73	10	3.94	< 10	< 1	0.11	< 10
0907388	26	0.2	< 0.5	496	255	1	15	< 2	16	1.61	5	< 10	12	< 0.5	< 2	2.96	43	11	3.81	< 10	< 1	0.06	< 10
0907389	53	0.2	< 0.5	370	624	< 1	8	< 2	52	4.01	< 2	< 10	14	1.0	< 2	4.51	29	3	7.87	20	< 1	0.06	< 10
0907390	19	0.4	< 0.5	757	198	2	6	< 2	12	1.22	< 2	< 10	18	< 0.5	< 2	1.31	17	9	5.31	< 10	< 1	0.07	< 10
0907391	34	0.5	< 0.5	933	773	< 1	23	< 2	62	2.99	5	< 10	14	< 0.5	< 2	1.52	147	2	14.2	20	< 1	0.08	< 10
0907392	18	< 0.2	< 0.5	246	1110	< 1	22	< 2	98	4.34	27	< 10	22	< 0.5	2	1.09	48	1	12.4	20	< 1	0.04	< 10
0907393	16	0.5	< 0.5	413	607	15	14	3	32	3.66	7	< 10	37	< 0.5	< 2	2.28	10	25	6.95	10	< 1	0.10	< 10
0907394	19	0.3	< 0.5	214	516	2	16	< 2	22	5.40	4	< 10	24	1.1	< 2	5.74	9	35	4.66	20	1	0.05	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
0907377	3.23	0.028	0.008	0.39	37	2	432	< 0.01	< 20	4	< 2	< 10	16	< 10	6	1
0907378	1.65	0.028	0.031	4.66	43	5	138	< 0.01	< 20	< 1	< 2	< 10	42	< 10	7	3
0907379	1.28	0.073	0.408	0.62	4	7	48	0.03	< 20	< 1	< 2	< 10	76	< 10	23	2
0907380	3.49	0.026	0.011	0.52	13	3	373	< 0.01	< 20	< 1	< 2	< 10	19	< 10	7	2
0907381	0.58	0.402	0.197	1.60	4	17	140	0.21	< 20	< 1	< 2	< 10	141	< 10	26	3
0907382	0.57	0.091	1.82	3.81	4	8	110	0.02	< 20	3	< 2	< 10	60	< 10	41	2
0907383	1.23	0.167	0.104	4.71	5	19	47	0.55	< 20	3	< 2	< 10	287	< 10	21	11
0907384	0.77	0.069	0.099	4.35	4	11	67	0.56	< 20	6	< 2	< 10	147	< 10	25	9
0907385	0.57	0.057	0.075	1.71	4	13	51	0.63	< 20	9	< 2	< 10	246	< 10	14	8
0907386	0.37	0.022	0.044	0.69	< 2	13	33	0.51	< 20	8	< 2	< 10	242	< 10	10	6
0907387	0.31	0.041	0.049	1.98	< 2	5	23	0.24	< 20	1	< 2	< 10	68	< 10	7	4
0907388	0.32	0.048	0.053	1.10	< 2	6	28	0.32	< 20	3	< 2	< 10	79	< 10	11	4
0907389	0.92	0.105	0.107	0.55	< 2	15	68	0.48	< 20	5	< 2	< 10	173	< 10	26	8
0907390	0.39	0.084	0.078	0.85	5	11	29	0.61	< 20	5	< 2	< 10	170	< 10	12	6
0907391	1.32	0.147	0.083	4.84	5	16	18	0.37	< 20	< 1	< 2	< 10	311	< 10	19	8
0907392	2.33	0.046	0.104	0.10	3	27	21	0.35	< 20	< 1	< 2	< 10	437	< 10	24	4
0907393	1.33	0.052	0.054	1.82	3	19	36	0.26	< 20	3	< 2	< 10	155	< 10	11	5
0907394	1.05	0.038	0.070	0.86	4	15	32	0.19	< 20	2	< 2	< 10	131	< 10	14	5

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6200	437	2	34	10	24	1.74	92		77	6.4	3	0.05	91	23	6.24	< 10		0.79	37
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6400	443	2	34	10	25	1.94	94		86	6.7	4	0.05	91	24	6.40	< 10		0.93	40
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6200	423	2	32	10	24	1.74	90		81	6.4	< 2	0.05	87	22	6.13	< 10		0.86	38
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2120	731	< 1	33	56	265	2.60	4		79	0.6	6	0.43	19	43	4.80	< 10		0.41	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		1.0	< 0.5	2340	778	< 1	37	54	271	2.93	4		94	0.7	3	0.46	20	46	5.26	< 10		0.50	39
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2290	756	< 1	36	57	267	2.77	4		85	0.7	8	0.43	19	43	5.18	< 10		0.45	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 924 (AQUA REGIA) Meas		2.6	< 0.5	4910				81	363	2.59	7					0.41	21		5.54				
OREAS 924 (AQUA REGIA) Cert		1.92	0.46	5610				92	370	2.76	7.80					0.318	22.7		5.88				
OREAS 924 (AQUA REGIA) Meas		2.1	0.7	5590				90	386	2.95	8					0.46	23		6.28				
OREAS 924 (AQUA REGIA) Cert		1.92	0.46	5610				92	370	2.76	7.80					0.318	22.7		5.88				
OREAS 924 (AQUA REGIA) Meas		1.9	< 0.5	5400				86	361	2.76	5					0.42	21		5.93				
OREAS 924 (AQUA REGIA) Cert		1.92	0.46	5610				92	370	2.76	7.80					0.318	22.7		5.88				
OREAS 520 (Aqua Regia) Meas				2880	2050	53	70	4	19	1.48	140			0.5	5	3.61	177	32	15.8	10		0.46	70
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0
OREAS 520 (Aqua Regia) Meas				2780	2020	53	68	< 2	18	1.45	135			0.5	< 2	3.53	173	32	15.3	10		0.46	69
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 520 (Aqua Regia) Meas				2880	1990	54	67	2	19	1.45	138			0.5	3	3.56	174	32	15.6	10		0.48	71
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0
OREAS 520 (Aqua Regia) Meas				3020	2040	56	69	< 2	18	1.50	143			0.5	4	3.60	176	32	16.2	10		0.49	75
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0
OREAS 907 (Aqua Regia) Meas		1.3	< 0.5	6390	359	5	5	35	150	1.24	34		246	1.0	21	0.30	47	8	8.11	20		0.35	37
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.3	< 0.5	6400	337	5	5	32	145	1.14	34		239	0.9	21	0.30	45	8	8.04	20		0.34	37
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
Oreas 621 (Aqua Regia) Meas		67.9	282	3660	525	12	25	> 5000	> 10000	1.70	77			0.5	3	1.74	30	28	3.37	10	3	0.36	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		71.8	293	3820	538	13	25	> 5000	> 10000	1.76	78			0.6	< 2	1.80	31	30	3.49	10	3	0.38	21
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 45f (Aqua Regia) Meas				339	168	1	220	9	26	6.71			145	0.9	4	0.08	39	335	13.4	20	< 1	0.10	10
OREAS 45f (Aqua Regia) Cert				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7
OREAS 45f (Aqua Regia) Meas				365	172	1	226	7	26	7.15			158	1.0	3	0.08	38	337	14.1	20	< 1	0.11	12
OREAS 45f (Aqua Regia) Cert				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7
OREAS 263 (Aqua Regia) Meas		0.3	< 0.5	82	484	< 1	68	33	127	1.70	28		172	1.2	< 2	1.07	31	53	3.48	< 10	< 1	0.34	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
OREAS 263 (Aqua Regia) Meas		0.3	< 0.5	91	525	< 1	74	35	137	1.91	29		197	1.3	< 2	1.17	34	57	3.83	< 10	< 1	0.38	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
OREAS 263 (Aqua Regia) Meas		0.3	< 0.5	91	522	< 1	74	35	137	2.02	31		206	1.3	< 2	1.16	33	58	3.82	< 10	< 1	0.43	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
OREAS 263 (Aqua Regia) Meas		0.3	< 0.5	90	501	< 1	71	33	130	1.83	30		198	1.3	4	1.13	32	54	3.74	< 10	< 1	0.40	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
OREAS 228b (Fire Assay) Meas	8380																						
OREAS 228b (Fire Assay) Cert	8570																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Oreas E1336 (Fire Assay) Meas	486																						
Oreas E1336 (Fire Assay) Cert	510																						
0907382 Orig	9																						
0907382 Dup	7																						
0907392 Orig	19																						
0907392 Dup	17																						
0907393 Orig		0.5	< 0.5	413	612	15	13	2	32	3.67	7	< 10	37	< 0.5	< 2	2.29	10	25	6.98	10	< 1	0.10	< 10
0907393 Dup		0.5	< 0.5	414	601	15	14	3	31	3.65	7	< 10	37	< 0.5	< 2	2.28	10	25	6.91	10	< 1	0.10	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	11	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	4																						
Method Blank	5																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas	0.19		0.096	0.04	3	4	17		< 20		< 2	< 10	31		17	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.21		0.099	0.05	4	4	19		< 20		< 2	< 10	34		18	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.19		0.094	0.04	4	4	19		< 20		< 2	< 10	31		17	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 922 (AQUA REGIA) Meas	1.22	0.028	0.059	0.36	4	3	15		< 20		< 2	< 10	33	< 10	18	25
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.36	0.035	0.062	0.39	3	4	16		< 20		< 2	< 10	38	< 10	20	11
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.35	0.032	0.063	0.39	< 2	3	16		< 20		< 2	< 10	35	< 10	19	22
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 924 (AQUA REGIA) Meas	1.31			0.78	3											
OREAS 924 (AQUA REGIA) Cert	1.45			0.810	0.60											
OREAS 924 (AQUA REGIA) Meas	1.51			0.87	< 2											
OREAS 924 (AQUA REGIA) Cert	1.45			0.810	0.60											
OREAS 924 (AQUA REGIA) Meas	1.43			0.80	2											
OREAS 924 (AQUA REGIA) Cert	1.45			0.810	0.60											
OREAS 520 (Aqua Regia) Meas	1.09	0.063	0.070	0.95	5	10	29	0.14	< 20	< 1	< 2	< 10	235	27	12	36
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 520 (Aqua Regia) Meas	1.07	0.061	0.069	0.92	8	10	29	0.15	< 20	< 1	< 2	< 10	229	26	12	37
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 520 (Aqua Regia) Meas	1.10	0.065	0.069	0.94	6	10	29	0.14	< 20	< 1	< 2	< 10	230	25	12	33
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 520 (Aqua Regia) Meas	1.13	0.066	0.070	0.98	6	10	31	0.15	< 20	< 1	< 2	< 10	236	25	12	35
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 907 (Aqua Regia) Meas	0.22	0.104	0.022	0.06	4	2	12	0.02	< 20	< 1	< 2	< 10	7	< 10	7	13
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.22	0.103	0.022	0.06	7	2	13	0.02	< 20	< 1	< 2	< 10	7	< 10	7	21
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
Oreas 621 (Aqua Regia) Meas	0.43	0.180	0.033	4.50	114	2	18		< 20		< 2	< 10	13	< 10	7	72
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.45	0.189	0.035	4.70	116	2	20		< 20		< 2	< 10	13	< 10	7	72
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
OREAS 45f (Aqua Regia) Meas	0.17	0.045	0.020	0.02		27	14	0.09	< 20		< 2	< 10	194		5	11
OREAS 45f (Aqua Regia) Cert	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	0.18	0.050	0.021	0.03		28	15	0.12	< 20		< 2	< 10	210		6	21
OREAS 45f (Aqua Regia) Cert	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 263 (Aqua Regia) Meas	0.56	0.084	0.039	0.11	11	3	16		< 20	< 1	< 2	< 10	26		11	
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
OREAS 263 (Aqua Regia) Meas	0.62	0.095	0.045	0.13	11	4	18		< 20	< 1	< 2	< 10	29		12	
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
OREAS 263 (Aqua Regia) Meas	0.63	0.098	0.043	0.13	10	4	19		< 20	< 1	< 2	< 10	30		12	
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
OREAS 263 (Aqua Regia) Meas	0.61	0.098	0.042	0.12	9	4	19		< 20	< 1	< 2	< 10	29		12	
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
0907382 Orig																
0907382 Dup																
0907392 Orig																
0907392 Dup																
0907393 Orig	1.34	0.052	0.054	1.83	3	19	36	0.26	< 20	3	< 2	< 10	155	< 10	11	5
0907393 Dup	1.33	0.051	0.054	1.80	3	19	37	0.26	< 20	3	< 2	< 10	155	< 10	11	5
Method Blank	< 0.01	0.015	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.016	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.015	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																



Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

Report No.: A21-10412
Report Date: 19-Jul-21
Date Submitted: 08-Jun-21
Your Reference: W-21

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

31 Silt samples were submitted for analysis.

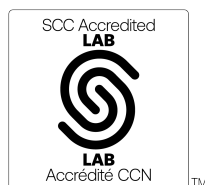
The following analytical package(s) were requested:		Testing Date:
1A2-ICP Kamloops	QOP PGE-OES (Au-Fire Assay ICPOES 30g)	2021-07-05 12:22:00

REPORT A21-10412

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Notes:

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.



LabID: 790

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CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

ATTN: Andrew Molnar

Report No.: A21-10412
Report Date: 19-Jul-21
Date Submitted: 08-Jun-21
Your Reference: W-21

CERTIFICATE OF ANALYSIS

31 Soil samples were submitted for analysis.

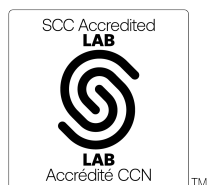
The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2021-07-12 15:52:13

REPORT A21-10412

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Notes:

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.



LabID: 266

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-10412

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
1614	< 2	< 0.1	2.51	4.8	< 0.5	< 20	136	< 0.1	0.89	< 0.1	13.0	27	43.6	3.90	6	0.08	0.12	13	1.06	742	0.5	0.037	13.4
1615	< 2	< 0.1	2.39	3.6	0.9	< 20	112	< 0.1	1.08	0.1	13.6	29	41.4	4.12	6	0.08	0.12	17	1.14	603	0.4	0.028	13.3
1616	< 2	< 0.1	2.41	3.0	6.5	< 20	129	< 0.1	0.89	0.2	12.1	41	39.0	3.25	6	0.08	0.10	13	0.83	985	1.4	0.029	16.2
1623	2	0.2	3.10	7.8	0.8	< 20	378	< 0.1	0.86	0.2	14.1	31	76.0	3.51	5	0.09	0.08	12	0.87	1190	0.9	0.029	31.4
1624	8	0.2	3.22	10.4	3.6	70	376	< 0.1	1.16	0.3	23.6	49	103	4.76	8	0.06	0.07	9	1.48	1200	1.1	0.032	53.5
1625	< 2	0.2	3.07	8.7	7.5	< 20	384	< 0.1	0.95	0.3	20.2	48	94.4	3.84	7	0.04	0.07	9	1.16	978	1.1	0.041	47.1
1626	< 2	0.3	3.41	14.1	1.6	< 20	515	0.1	1.07	0.8	24.8	65	94.5	4.09	5	0.10	0.07	11	1.35	1670	2.4	0.033	58.9
1627	10	0.2	2.73	11.4	4.6	< 20	612	< 0.1	1.12	0.6	23.3	48	115	4.51	5	0.06	0.05	9	1.30	1140	2.3	0.045	52.0
1628	5	0.1	4.05	14.8	4.9	< 20	200	< 0.1	1.33	0.5	29.2	87	132	5.45	10	0.04	0.05	5	1.61	966	1.1	0.036	59.0
1629	12	0.3	2.69	37.7	31.3	< 20	104	0.2	1.22	0.3	25.3	48	160	4.85	8	0.13	0.06	7	1.36	994	3.1	0.055	40.2
1630	7	0.3	3.16	13.7	5.6	< 20	107	0.1	1.48	0.4	16.8	43	156	3.38	7	0.12	0.06	8	0.81	1010	9.5	0.070	27.6
1631	< 2	0.1	2.39	2.8	1.4	< 20	130	0.1	0.94	0.2	11.4	22	40.8	2.16	5	0.16	0.06	12	0.53	1270	2.4	0.029	12.6
1632	5	0.1	2.48	13.2	2.1	< 20	95.5	< 0.1	0.78	0.2	15.8	46	66.6	3.83	6	0.10	0.08	9	0.86	920	1.9	0.050	26.1
1633	4	0.2	2.23	5.5	8.1	< 20	133	0.1	1.23	0.3	16.2	26	44.2	2.44	4	0.11	0.06	11	0.57	1400	0.7	0.039	20.1
1634	4	0.1	2.77	7.1	8.1	< 20	126	< 0.1	1.13	0.1	14.0	30	61.8	3.20	7	0.06	0.09	8	0.81	650	0.5	0.071	21.5
1635	5	0.2	2.82	6.0	1.6	< 20	102	< 0.1	1.23	0.1	12.3	26	56.7	3.00	6	0.09	0.06	8	0.65	599	0.6	0.042	18.5
1636	10	0.3	4.30	5.1	11.2	< 20	124	0.1	1.03	0.3	16.5	39	68.0	3.38	8	0.15	0.07	11	0.74	1610	0.6	0.036	28.1
1637	25	0.2	3.22	16.8	7.1	< 20	91.9	0.2	0.85	0.2	20.5	24	76.9	3.84	8	0.11	0.07	10	0.67	1000	0.7	0.042	18.0
1638	3	0.1	2.82	4.9	2.5	< 20	98.0	0.1	0.90	0.1	13.1	35	50.8	3.01	7	0.10	0.07	8	0.62	592	0.6	0.033	22.9
1639	10	< 0.1	2.45	21.3	4.3	< 20	114	0.2	0.76	< 0.1	14.3	35	58.5	3.63	6	0.08	0.08	12	0.74	712	1.4	0.043	20.3
1640	2	0.1	2.49	5.4	1.3	< 20	112	0.1	0.92	< 0.1	12.3	34	43.1	3.30	6	0.10	0.06	11	0.68	630	1.5	0.039	17.4
1641	39	0.2	3.29	38.9	7.8	< 20	96.0	0.4	1.40	0.3	26.8	56	125	4.54	8	0.07	0.06	5	1.32	862	1.3	0.065	47.5
1642	8	< 0.1	3.90	29.7	10.2	< 20	79.4	0.6	2.17	0.1	27.6	76	132	4.22	10	0.06	0.05	4	1.72	625	1.5	0.084	53.1
1643	38	0.1	3.38	29.4	7.0	< 20	107	0.5	1.70	0.2	28.3	68	122	4.56	9	0.05	0.04	4	1.59	754	1.3	0.077	51.5
1644	26	0.1	3.33	12.7	3.5	< 20	42.9	0.1	1.43	0.4	23.7	88	113	4.52	9	0.05	0.06	5	1.51	746	0.5	0.036	48.2
1645	20	0.2	3.53	23.1	2.5	< 20	26.6	0.1	1.93	0.2	29.0	62	160	3.54	8	0.12	0.05	4	1.36	1100	0.3	0.047	37.3
1646	5	0.1	3.71	9.7	4.0	< 20	28.8	< 0.1	2.36	0.2	27.0	82	158	3.87	9	0.11	0.03	3	1.66	902	0.3	0.049	48.4
1647	3	< 0.1	3.67	6.0	< 0.5	< 20	46.7	< 0.1	1.88	0.3	24.3	63	116	4.33	9	0.05	0.03	4	1.83	740	0.4	0.069	47.2
1648	20	0.3	3.04	15.8	1.0	< 20	314	0.1	0.89	0.7	43.9	36	62.0	4.70	5	0.12	0.09	10	0.90	6130	1.8	0.033	34.4
1649	3	0.1	2.28	13.0	2.4	< 20	229	< 0.1	0.75	0.2	20.6	42	65.8	5.23	5	0.03	0.07	10	1.28	908	0.6	0.030	32.0
1650	12	0.7	3.47	13.6	5.3	30	125	0.2	1.40	0.5	18.4	44	194	3.80	7	0.15	0.06	9	0.72	943	10.7	0.042	29.7

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
1614	0.120	12.5	< 1	0.3	7.2	< 0.5	56	< 0.2	1.7	0.143	< 0.1	105	0.3	56
1615	0.152	4.0	< 1	0.2	7.6	< 0.5	73	< 0.2	2.0	0.157	< 0.1	120	0.5	46
1616	0.097	6.2	< 1	0.3	5.1	0.5	58	< 0.2	1.0	0.092	< 0.1	82	0.3	54
1623	0.080	6.3	< 1	0.5	6.2	< 0.5	37	< 0.2	0.8	0.180	< 0.1	92	0.1	79
1624	0.055	6.1	< 1	0.5	9.6	< 0.5	55	< 0.2	1.0	0.318	< 0.1	140	< 0.1	121
1625	0.069	6.0	< 1	0.5	8.1	< 0.5	31	< 0.2	0.8	0.306	< 0.1	134	< 0.1	101
1626	0.112	9.1	< 1	0.7	7.1	1.3	33	< 0.2	0.5	0.172	< 0.1	116	0.1	153
1627	0.070	38.7	< 1	0.8	8.0	0.9	38	< 0.2	0.6	0.400	< 0.1	164	< 0.1	139
1628	0.044	3.0	< 1	0.5	14.0	0.8	47	< 0.2	0.4	0.511	< 0.1	210	< 0.1	120
1629	0.071	4.7	< 1	2.1	10.0	0.8	35	< 0.2	0.7	0.268	< 0.1	120	17.5	74
1630	0.066	10.0	< 1	0.8	7.4	1.1	40	< 0.2	1.1	0.175	< 0.1	94	19.8	67
1631	0.087	9.7	< 1	0.2	3.3	0.8	43	< 0.2	0.4	0.062	< 0.1	55	1.5	40
1632	0.079	4.5	< 1	0.6	7.5	0.8	32	< 0.2	1.0	0.097	< 0.1	97	1.1	56
1633	0.078	7.8	< 1	0.4	5.4	1.3	61	< 0.2	0.5	0.106	< 0.1	69	0.3	65
1634	0.068	5.0	< 1	0.4	7.6	0.7	40	< 0.2	1.5	0.209	< 0.1	95	0.3	59
1635	0.065	7.0	< 1	0.4	6.0	0.9	36	< 0.2	0.7	0.176	< 0.1	88	0.2	81
1636	0.072	5.7	< 1	0.3	7.4	1.0	39	< 0.2	0.9	0.179	< 0.1	92	0.1	63
1637	0.085	8.7	< 1	0.4	7.6	0.9	33	< 0.2	1.1	0.147	< 0.1	99	0.3	73
1638	0.062	7.7	< 1	0.3	6.2	< 0.5	36	< 0.2	0.7	0.200	< 0.1	92	0.3	49
1639	0.078	4.5	< 1	0.3	5.4	0.7	36	< 0.2	1.5	0.130	< 0.1	90	1.1	55
1640	0.064	5.1	< 1	0.3	5.8	0.5	40	< 0.2	1.1	0.185	< 0.1	96	3.8	38
1641	0.081	4.8	< 1	1.7	10.9	0.8	35	< 0.2	0.5	0.277	< 0.1	130	0.2	78
1642	0.071	5.6	< 1	0.8	10.8	0.7	54	< 0.2	0.5	0.442	< 0.1	132	0.2	63
1643	0.055	4.2	< 1	1.2	11.0	0.8	40	< 0.2	0.5	0.371	< 0.1	140	0.2	63
1644	0.045	3.6	< 1	0.4	12.0	< 0.5	51	< 0.2	1.0	0.475	< 0.1	161	< 0.1	87
1645	0.088	15.1	< 1	0.2	8.4	0.7	58	< 0.2	0.4	0.350	< 0.1	115	0.1	57
1646	0.074	7.9	< 1	0.2	9.5	0.8	69	< 0.2	0.4	0.490	< 0.1	123	6.4	71
1647	0.051	3.2	< 1	0.2	10.0	0.7	45	< 0.2	0.3	0.503	< 0.1	168	< 0.1	68
1648	0.126	14.5	< 1	0.4	6.2	0.6	70	< 0.2	0.4	0.078	0.1	99	< 0.1	112
1649	0.082	5.3	< 1	0.6	7.6	< 0.5	42	< 0.2	1.1	0.249	< 0.1	137	0.1	88
1650	0.069	10.4	< 1	0.9	7.9	1.9	30	< 0.2	0.9	0.145	< 0.1	96	10.7	76

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas			5.50	4.7	14.3		89.5	0.3	0.09		25.8	492	352	13.3	18		0.11	11	0.16	429		0.031	202
OREAS 45d (Aqua Regia) Cert			4.860	6.50	21		80	0.30	0.09		26.2	467	345.0	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0
OREAS 45d (Aqua Regia) Meas			5.54	4.9	19.5		79.5	0.3	0.09		27.7	414	360	13.5	18		0.11	11	0.17	405		0.033	203
OREAS 45d (Aqua Regia) Cert			4.860	6.50	21		80	0.30	0.09		26.2	467	345.0	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0
OREAS 922 (AQUA REGIA) Meas		1.0	2.80	7.2			80.2	10.9	0.38	0.2	18.4	40	2240	5.02	8		0.45	37	1.32	819	0.7	0.020	35.5
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 922 (AQUA REGIA) Meas		0.8	2.65	5.9			81.3	10.6	0.36	0.3	18.7	41	1980	4.72	7		0.38	37	1.28	708	0.7	0.022	32.3
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 923 (AQUA REGIA) Meas		2.1	2.90	7.4			57.0	20.8	0.40	0.5	22.2	43	4220	5.79	8		0.35	33	1.44	869	0.9		32.9
OREAS 923 (AQUA REGIA) Cert		1.62	2.80	7.07			54	21.8	0.326	0.40	22.2	39.4	4248	5.91	8.01		0.322	30.0	1.43	850	0.84		32.7
OREAS 907 (Aqua Regia) Meas		1.3	1.24	36.9	98.3		262	23.1	0.26	0.6	44.0	10	6430	8.25	16		0.34	38	0.18	345	5.5	0.086	5.6
OREAS 907 (Aqua Regia) Cert		1.30	0.945	37.0	101		225	22.3	0.280	0.540	43.7	8.59	6370	8.18	14.7		0.286	36.1	0.221	330	5.64	0.0860	4.74
OREAS 907 (Aqua Regia) Meas		1.3	1.12	37.7	88.1		263	23.2	0.25	0.6	42.4	9	6750	8.24	16		0.36	37	0.16	322	5.5	0.082	5.0
OREAS 907 (Aqua Regia) Cert		1.30	0.945	37.0	101		225	22.3	0.280	0.540	43.7	8.59	6370	8.18	14.7		0.286	36.1	0.221	330	5.64	0.0860	4.74
OREAS 239 (Fire Assay) Meas	3400																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 263 (Aqua Regia) Meas		0.3	1.79	29.9			210	0.6	0.97	0.3	28.1	50	79.5	3.39	4	0.17	0.35		0.58	483	0.5	0.069	66.8
OREAS 263 (Aqua Regia) Cert		0.285	1.29	30.8			175	0.570	1.03	0.270	31.0	48.0	87.0	3.68	4.92	0.170	0.288		0.593	490	0.570	0.0790	72.0
OREAS 263 (Aqua Regia) Meas		0.3	1.84	29.3			197	0.6	1.01	0.3	29.2	52	94.4	3.41	3	0.17	0.34		0.58	474	0.6	0.068	69.0
OREAS 263 (Aqua Regia) Cert		0.285	1.29	30.8			175	0.570	1.03	0.270	31.0	48.0	87.0	3.68	4.92	0.170	0.288		0.593	490	0.570	0.0790	72.0
OREAS 130 (Aqua Regia) Meas		5.8	1.15	200				3.0	1.67	28.0	23.6	23	200	6.69	5	0.63	0.54	23	0.89	1590	7.9		32.3
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
OREAS 130 (Aqua Regia) Meas		5.9	1.20	187				3.1	1.67	29.5	28.3	25	252	6.94	5	0.64	0.49	23	0.94	1590	8.1		35.0

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
OREAS 153b (Aqua Regia) Meas		1.4	2.57	77.7	306		26.4	1.7	1.22	0.2	14.6	17	7110	3.56	8	0.07	0.42	4	1.58	269	157	0.164	11.0
OREAS 153b (Aqua Regia) Cert		1.40	2.28	80.0	320		22.8	1.81	1.32	0.240	14.9	16.2	6700	3.60	8.06	0.0660	0.365	3.79	1.47	240	156	0.148	11.1
Oreas 623 (Aqua Regia) Meas		20.4	1.83	79.0	865			18.3	1.06	52.7	218	20	10000	13.1	14	0.78	0.17	18	1.07	594	9.7	0.071	16.3
Oreas 623 (Aqua Regia) Cert		20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6
OREAS 521 (Aqua Regia) Meas		0.8	1.25	322	386			6.0	3.57		420	31	5740	19.5	13		0.43	122	0.94	3120	139	0.040	65.9
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.1	3000	133	0.045	68.0
OREAS 521 (Aqua Regia) Meas		0.8	1.40	312	366			6.0	3.64		363	33	5550	20.0	13		0.45	104	1.06	3170	134	0.048	66.4
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.10	3000	133	0.045	68.0
1627 Orig	14																						
1627 Dup	6																						
1628 Orig		0.1	4.05	13.7	5.0	< 20	197	< 0.1	1.28	0.5	28.7	84	129	5.33	10	0.04	0.05	5	1.62	913	1.2	0.036	57.2
1628 Dup		0.2	4.04	15.9	4.9	< 20	203	< 0.1	1.38	0.5	29.6	89	135	5.57	10	0.05	0.06	5	1.60	1020	1.0	0.036	60.8
1635 Orig	4																						
1635 Dup	5																						
1645 Orig		0.2	3.63	23.3	2.5	< 20	25.9	0.1	1.94	0.2	28.9	63	159	3.57	8	0.13	0.06	5	1.38	1100	0.3	0.046	37.1
1645 Dup		0.2	3.43	22.9	2.6	< 20	27.4	0.1	1.91	0.2	29.0	61	162	3.50	8	0.12	0.05	4	1.34	1100	0.3	0.049	37.5
Method Blank	< 2																						
Method Blank	2																						
Method Blank		< 0.1	< 0.01	< 0.5	4.2	< 20	2.3	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	< 0.1
Method Blank		< 0.1	< 0.01	0.8	< 0.5	< 20	2.6	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.006	< 0.1
Method Blank		< 0.1	< 0.01	0.7	2.5	< 20	3.5	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	< 0.1
Method Blank		< 0.1	< 0.01	0.7	1.1	< 20	4.0	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.02	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	< 0.1
Method Blank	5																						

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas	0.034	17.9	< 1		43.7		12		11.2			216		33
OREAS 45d (Aqua Regia) Cert	0.035	17.00	0.045		41.50		11.0		11.3			201.0		30.6
OREAS 45d (Aqua Regia) Meas	0.034	18.9	< 1		39.7		13		10.5			158		38
OREAS 45d (Aqua Regia) Cert	0.035	17.00	0.045		41.50		11.0		11.3			201.0		30.6
OREAS 922 (AQUA REGIA) Meas	0.065	61.7	< 1	0.5	3.8	3.2	15		16.0		0.2	30	1.1	251
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256
OREAS 922 (AQUA REGIA) Meas	0.061	63.3	< 1	0.6	3.3	2.6	15		14.6		0.2	29	1.1	259
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256
OREAS 923 (AQUA REGIA) Meas	0.061	80.6	< 1	0.6	3.5	5.6	14		14.1		0.1	31	2.5	341
OREAS 923 (AQUA REGIA) Cert	0.061	81	0.684	0.58	3.09	5.99	13.6		14.3		0.12	30.6	1.96	335
OREAS 907 (Aqua Regia) Meas	0.022	35.6	< 1	2.1	2.5	10.2	13	0.3	8.8	0.021	0.1	5	0.7	142
OREAS 907 (Aqua Regia) Cert	0.0240	34.1	0.0660	2.28	2.16	9.05	11.7	0.230	8.04	0.0170	0.120	5.12	0.980	139
OREAS 907 (Aqua Regia) Meas	0.021	35.0	< 1	2.2	2.6	9.7	12	0.3	8.9	0.020	0.1	5	0.7	144
OREAS 907 (Aqua Regia) Cert	0.0240	34.1	0.0660	2.28	2.16	9.05	11.7	0.230	8.04	0.0170	0.120	5.12	0.980	139
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 263 (Aqua Regia) Meas	0.042	35.5	< 1	6.9	3.9		17	0.2	11.4		0.6	25		122
OREAS 263 (Aqua Regia) Cert	0.0410	34.0	0.126	7.37	3.52		16.9	0.210	10.6		0.530	22.8		127
OREAS 263 (Aqua Regia) Meas	0.042	38.1	< 1	7.8	3.6		18	< 0.2	11.2		0.5	25		140
OREAS 263 (Aqua Regia) Cert	0.0410	34.0	0.126	7.37	3.52		16.9	0.210	10.6		0.530	22.8		127
OREAS 130 (Aqua Regia) Meas	0.089	1410	6	4.2	3.5		18	< 0.2	9.8	0.030	4.5	34	1.3	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
OREAS 130 (Aqua Regia) Meas	0.088	1130	6	4.3	3.4		19	< 0.2	9.4	0.030	4.6	35	1.5	> 5000

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
OREAS 153b (Aqua Regia) Meas	0.050	13.0	1	1.7	10.5	11.3	32	0.3	0.3	0.049	< 0.1	177		117
OREAS 153b (Aqua Regia) Cert	0.0470	12.4	1.27	2.12	9.98	10.5	31.4	0.250	0.350	0.0500	0.0640	153		118
Oreas 623 (Aqua Regia) Meas	0.045	2160	9	19.0	4.7	23.4	14	0.6	4.9		0.3	16	2.6	> 5000
Oreas 623 (Aqua Regia) Cert	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		0.260	15.8	2.62	10100
OREAS 521 (Aqua Regia) Meas	0.077	8.9	2	4.3	9.8	2.0	35	0.9	6.8	0.147	0.1	211	73.9	24
OREAS 521 (Aqua Regia) Cert	0.081	9.0	2	3.6	10	2.4	54	0.7	7.8	0.141	0.1	200	71.0	24
OREAS 521 (Aqua Regia) Meas	0.081	9.3	2	3.8	9.2	1.4	35	0.7	6.1	0.137	0.1	184	69.4	28
OREAS 521 (Aqua Regia) Cert	0.081	9.0	2	3.6	10	2.4	54	0.7	7.8	0.141	0.1	200	71.0	24
1627 Orig														
1627 Dup														
1628 Orig	0.041	2.9	< 1	0.4	13.1	0.8	47	< 0.2	0.4	0.488	< 0.1	206	< 0.1	116
1628 Dup	0.048	3.0	< 1	0.5	14.9	0.8	46	< 0.2	0.4	0.535	< 0.1	215	< 0.1	125
1635 Orig														
1635 Dup														
1645 Orig	0.089	15.0	< 1	0.2	8.5	0.7	59	< 0.2	0.5	0.358	< 0.1	116	0.1	57
1645 Dup	0.087	15.1	< 1	0.2	8.3	0.7	58	< 0.2	0.4	0.342	< 0.1	114	0.1	56
Method Blank														
Method Blank														
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	0.4	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	0.3	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
Method Blank														



Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

Report No.: A21-11202
Report Date: 11-Aug-21
Date Submitted: 17-Jun-21
Your Reference: W-21

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

6 Silt samples were submitted for analysis.

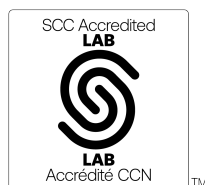
The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2021-08-08 19:01:34

REPORT A21-11202

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Notes:

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.



LabID: 266

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

Report No.: A21-11202
Report Date: 11-Aug-21
Date Submitted: 17-Jun-21
Your Reference: W-21

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

6 Soil samples were submitted for analysis.

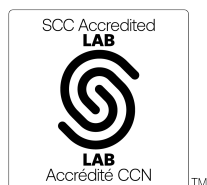
The following analytical package(s) were requested:		Testing Date:
1A2-ICP Kamloops	QOP PGE-OES (Au-Fire Assay ICPOES 30g)	2021-07-22 16:42:24

REPORT A21-11202

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Notes:

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LabID: 790

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CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-11202

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
1651	7	< 0.1	2.02	2.8	1.4	< 20	88.8	< 0.1	0.81	< 0.1	12.3	46	43.2	5.37	6	43.2	0.10	12	0.90	605	0.7	0.029	14.3
1652	8	< 0.1	1.91	3.3	2.1	< 20	80.4	< 0.1	0.85	< 0.1	13.8	43	40.5	5.66	5	46.8	0.08	13	0.89	522	0.7	0.030	14.0
1653	6	< 0.1	1.77	1.6	0.9	< 20	75.9	< 0.1	0.95	< 0.1	13.6	48	37.9	5.73	5	41.7	0.08	15	0.82	499	0.7	0.034	14.6
1654	43	< 0.1	2.35	2.0	72.7	< 20	110	< 0.1	1.06	< 0.1	14.4	44	50.2	5.29	6	> 50.0	0.08	15	0.96	702	0.9	0.040	16.2
1655	11	0.2	2.49	2.8	12.0	< 20	137	0.2	0.90	1.2	74.6	9	40.7	2.29	2	> 50.0	0.05	20	0.24	6720	2.7	0.018	9.2
1656	49	0.1	2.64	28.8	2.6	< 20	99.6	< 0.1	0.96	0.2	15.4	23	69.3	3.51	6	> 50.0	0.07	12	1.07	1040	0.8	0.024	14.3

Results

Activation Laboratories Ltd.

Report: A21-11202

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
1651	0.097	3.9	< 1	0.3	5.7	< 0.5	56	< 0.2	1.7	0.152	< 0.1	145	0.5	46
1652	0.106	3.2	< 1	0.3	6.0	< 0.5	59	< 0.2	2.2	0.167	< 0.1	152	0.4	44
1653	0.106	3.0	< 1	0.3	6.1	< 0.5	54	< 0.2	2.8	0.185	< 0.1	160	1.4	44
1654	0.133	4.1	< 1	0.3	6.2	0.5	59	< 0.2	2.1	0.173	< 0.1	142	0.5	51
1655	0.160	22.8	< 1	0.3	1.0	1.9	55	< 0.2	< 0.1	0.031	0.2	48	0.3	62
1656	0.094	5.8	< 1	0.3	6.0	1.0	53	< 0.2	0.9	0.140	< 0.1	86	0.4	65

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas			5.51	4.7	7.3		79.0	0.3	0.09		25.1	426	352	14.3	17		0.09	10	0.17	381		0.032	191
OREAS 45d (Aqua Regia) Cert			4.860	6.50	21		80	0.30	0.09		26.2	467	345.0	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0
OREAS 923 (AQUA REGIA) Meas		1.4	2.63	5.0			44.8	17.8	0.37	0.4	21.4	36	4150	5.87	7		0.33	30	1.34	809	0.8		32.2
OREAS 923 (AQUA REGIA) Cert		1.62	2.80	7.07			54	21.8	0.326	0.40	22.2	39.4	4248	5.91	8.01		0.322	30.0	1.43	850	0.84		32.7
Oreas 621 (Aqua Regia) Meas		66.5	1.66	78.7	> 1000			4.1	1.64	254.8	30.3	34	3870	3.80	10		0.30	19	0.44	495	13.9	0.156	30.4
Oreas 621 (Aqua Regia) Cert		68.0	1.60	75.0	1230			3.85	1.65	278	27.9	31.3	3660	3.43	9.29		0.333	19.4	0.436	520	13.3	0.160	25.8
OREAS 130 (Aqua Regia) Meas		6.1	1.08	214				3.0	1.71	27.2	24.5	22	232	7.25	5		0.51	23	0.82	1540	8.1		34.6
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78		0.500	26.4	0.892	1630	8.25		35.2
Oreas 623 (Aqua Regia) Meas		18.1	1.53	75.0	708			16.5	0.97	45.5	185	18	> 10000	11.4	11		0.14	16	1.03	500	9.2	0.067	14.4
Oreas 623 (Aqua Regia) Cert		20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200	13.0	11.9		0.175	17.9	1.11	570	8.38	0.0680	15.6
OREAS 228b (Fire Assay) Meas	8380																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	486																						
Oreas E1336 (Fire Assay) Cert	510																						
1656 Orig		0.1	2.43	26.4	2.0	< 20	95.0	< 0.1	0.92	0.2	15.1	23	66.8	3.49	6	> 50.0	0.06	12	0.99	993	0.7	0.022	13.4
1656 Dup		0.1	2.85	31.2	3.3	< 20	104	< 0.1	0.99	0.2	15.7	23	71.9	3.53	6	> 50.0	0.07	12	1.15	1090	0.8	0.027	15.1
Method Blank	4																						
Method Blank	5																						
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	4.0	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	13.0	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	3.7	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1		< 0.01	< 1	< 0.01	< 1	< 0.1	0.009	< 0.1

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas	0.031	18.6	< 1		41.1		12		10.7			173		36
OREAS 45d (Aqua Regia) Cert	0.035	17.00	0.045		41.50		11.0		11.3			201.0		30.6
OREAS 923 (AQUA REGIA) Meas	0.060	79.6	< 1	0.6	3.0	4.9	12		14.1		0.2	28	2.4	301
OREAS 923 (AQUA REGIA) Cert	0.061	81	0.684	0.58	3.09	5.99	13.6		14.3		0.12	30.6	1.96	335
Oreas 621 (Aqua Regia) Meas	0.030	> 5000	5	137	2.0	4.8	17		5.7		0.9	10	0.9	> 5000
Oreas 621 (Aqua Regia) Cert	0.0335	13600	4.50	107	2.20	5.64	18.9		5.91		0.770	10.9	1.00	51700
OREAS 130 (Aqua Regia) Meas	0.090	1340	6	5.9	3.2		19	< 0.2	9.6	0.031	4.9	34	1.3	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
Oreas 623 (Aqua Regia) Meas	0.036	2320	9	22.8	3.6	18.7	11	0.5	4.5		0.3	13	2.6	> 5000
Oreas 623 (Aqua Regia) Cert	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		0.260	15.8	2.62	10100
OREAS 228b (Fire Assay) Meas														
OREAS 228b (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
1656 Orig	0.091	5.5	< 1	0.3	6.1	1.0	54	< 0.2	0.9	0.144	< 0.1	85	0.2	64
1656 Dup	0.097	6.1	< 1	0.3	5.8	0.9	52	< 0.2	0.8	0.136	< 0.1	86	0.6	66
Method Blank														
Method Blank														
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	3
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	4



Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

Report No.: A21-10411
Report Date: 19-Jul-21
Date Submitted: 08-Jun-21
Your Reference: W-21

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

130 Soil samples were submitted for analysis.

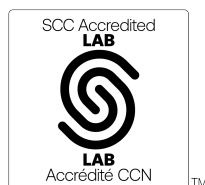
The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2021-07-11 17:56:55

REPORT A21-10411

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Notes:

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CERTIFIED BY:

A handwritten signature in black ink, consisting of a series of loops and strokes, representing the name Emmanuel Esemé.

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

Report No.: A21-10411
Report Date: 19-Jul-21
Date Submitted: 08-Jun-21
Your Reference: W-21

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

130 Soil samples were submitted for analysis.

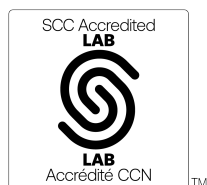
The following analytical package(s) were requested:		Testing Date:
1A2-ICP Kamloops	QOP PGE-OES (Au-Fire Assay ICPOES 30g)	2021-07-05 12:22:00

REPORT A21-10411

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CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-10411

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
16700E 18750N	9	0.2	1.71	3.0	3.1	< 20	140	0.2	1.02	0.1	9.9	16	21.8	2.73	8	0.12	0.05	12	0.33	1030	0.4	0.019	6.3
16700E 18800N	80	< 0.1	2.56	3.2	6.3	< 20	106	< 0.1	0.84	< 0.1	15.3	31	62.3	3.45	7	0.11	0.11	14	0.96	701	0.9	0.036	17.2
16700E 18850N	2	0.2	3.00	3.3	2.7	< 20	76.0	0.1	0.39	0.1	8.9	26	33.0	4.00	10	0.13	0.06	10	0.57	302	1.8	0.020	12.1
16700E 18900N	5	0.2	3.66	4.1	0.9	< 20	55.7	0.1	0.35	0.1	6.6	25	36.2	4.03	10	0.15	0.05	9	0.42	353	1.0	0.021	8.1
16700E 18950N	3	0.3	3.13	4.9	2.1	< 20	66.9	0.1	0.26	< 0.1	7.2	24	41.5	3.36	9	0.17	0.06	9	0.45	359	1.2	0.018	9.6
16700E 19000N	12	0.3	4.20	4.6	4.0	< 20	55.3	< 0.1	0.25	< 0.1	7.4	28	57.6	3.71	8	0.14	0.05	8	0.48	271	1.2	0.020	10.6
16700E 19050N	< 2	0.3	3.03	3.7	3.7	< 20	68.9	0.1	0.28	0.1	10.4	22	35.9	3.12	8	0.11	0.06	12	0.52	623	1.8	0.018	10.4
16700E 19100N	< 2	0.2	2.44	2.0	1.4	< 20	97.9	0.1	0.31	< 0.1	12.7	20	19.1	2.87	9	0.04	0.05	14	0.42	1890	2.8	0.019	8.2
16700E 19150N	< 2	0.3	3.63	3.5	2.8	< 20	76.4	0.1	0.37	< 0.1	13.3	25	37.6	3.10	8	0.14	0.05	16	0.54	1110	2.4	0.022	11.4
16700E 19200N	11	< 0.1	3.34	3.4	1.7	< 20	34.9	< 0.1	0.35	0.1	6.2	25	31.5	3.04	8	0.09	0.04	10	0.58	234	0.9	0.019	8.4
16700E 19250N	< 2	< 0.1	1.50	1.3	1.2	< 20	67.5	< 0.1	0.40	< 0.1	7.9	14	7.4	2.24	9	0.04	0.03	9	0.28	357	1.9	0.018	4.7
16700E 19300N	4	0.1	1.90	1.5	3.9	< 20	36.0	< 0.1	0.25	< 0.1	3.1	20	14.5	2.65	9	0.07	0.03	6	0.18	155	4.3	0.018	4.4
16700E 19350N	7	0.2	2.33	1.8	3.3	< 20	33.6	0.1	0.32	< 0.1	3.7	22	13.0	2.73	10	0.12	0.03	6	0.25	237	1.8	0.019	5.9
16750E 18750N	3	0.1	3.05	3.6	3.5	< 20	52.1	< 0.1	0.43	0.1	7.8	29	36.2	3.64	9	0.09	0.07	9	0.66	271	1.7	0.019	12.0
16750E 18800N	5	0.3	5.33	4.1	2.8	< 20	60.6	0.1	0.38	0.2	11.4	34	58.2	4.58	12	0.14	0.06	12	0.62	353	4.6	0.021	13.7
16750E 18850N	3	< 0.1	2.03	2.7	2.0	< 20	38.6	< 0.1	0.30	< 0.1	4.1	21	23.4	2.49	8	0.10	0.04	6	0.27	167	0.7	0.018	6.7
16750E 18900N	8	0.1	2.35	1.9	7.0	< 20	27.7	0.1	0.46	< 0.1	2.8	16	8.7	2.99	14	0.08	0.03	12	0.23	158	0.5	0.015	3.2
16750E 18950N	3	0.3	4.47	4.5	7.4	< 20	58.5	< 0.1	0.34	0.1	8.4	28	65.5	4.58	10	0.28	0.05	9	0.68	263	0.9	0.020	11.0
16750E 19000N	4	0.1	2.50	3.6	5.4	< 20	144	< 0.1	1.18	0.1	14.2	22	60.2	3.12	6	0.09	0.08	13	0.99	944	0.6	0.029	13.9
16750E 19050N	4	0.2	2.96	4.3	3.3	< 20	56.5	0.1	0.38	< 0.1	7.9	27	47.4	3.38	10	0.14	0.06	9	0.56	406	1.0	0.022	10.4
16750E 19100N	4	0.4	2.08	4.0	< 0.5	< 20	47.7	0.1	0.25	0.1	4.6	18	25.2	2.79	9	0.15	0.05	7	0.31	288	1.2	0.017	5.6
16750E 19150N	7	0.3	3.08	2.7	< 0.5	< 20	82.3	0.1	0.28	0.2	23.4	21	61.5	2.72	8	0.13	0.05	20	0.52	2870	8.1	0.019	9.0
16750E 19200N	60	0.1	3.97	3.4	6.0	< 20	42.5	0.1	0.33	< 0.1	6.9	30	61.7	3.31	10	0.19	0.05	9	0.57	287	1.9	0.023	12.1
16750E 19250N	25	0.2	3.60	3.7	< 0.5	< 20	35.6	0.1	0.30	< 0.1	6.4	37	38.8	4.29	13	0.18	0.07	9	0.48	233	1.3	0.021	10.1
16750E 19300N	9	0.1	1.55	1.9	3.6	< 20	29.1	0.1	0.25	< 0.1	3.6	16	8.6	2.44	10	0.06	0.03	7	0.26	149	1.9	0.017	4.0
16750E 19350N	2	0.1	2.16	2.5	0.5	< 20	44.6	< 0.1	0.27	< 0.1	3.2	21	17.4	2.46	8	0.17	0.03	7	0.18	152	1.6	0.017	4.7
16800E 18750N	3	0.2	1.88	2.1	2.9	< 20	19.9	0.1	0.43	< 0.1	3.3	18	12.9	3.12	15	0.08	0.03	10	0.29	166	0.7	0.018	4.5
16800E 18800N	< 2	0.2	2.64	2.9	1.8	< 20	45.5	< 0.1	0.36	< 0.1	8.1	24	35.6	2.89	9	0.10	0.05	9	0.53	323	1.2	0.020	9.9
16800E 18850N	3	0.1	3.15	3.5	2.9	< 20	66.6	0.1	0.39	< 0.1	10.3	29	57.8	3.46	9	0.14	0.07	9	0.72	327	1.1	0.022	15.4
16800E 18900N	< 2	0.2	3.19	2.2	6.2	< 20	53.4	< 0.1	0.52	0.2	14.2	30	49.2	4.16	10	0.09	0.06	13	1.25	414	2.6	0.026	14.8
16800E 18950N	< 2	0.3	3.39	3.7	5.5	< 20	57.2	0.1	0.34	0.1	7.5	23	48.0	3.71	11	0.26	0.06	11	0.63	291	0.9	0.020	8.5
16800E 19000N	4	0.3	3.45	4.4	3.2	< 20	153	< 0.1	0.81	0.3	19.5	23	71.2	3.60	7	0.10	0.09	19	1.00	2240	0.6	0.029	15.5
16800E 19050N	< 2	0.3	2.76	4.0	1.1	< 20	39.5	0.1	0.35	< 0.1	5.8	22	22.0	4.33	13	0.15	0.04	9	0.47	273	0.5	0.018	6.6
16800E 19100N	2	0.3	2.27	2.9	1.6	< 20	48.4	0.1	0.43	< 0.1	6.4	19	17.6	3.29	11	0.08	0.05	14	0.47	261	2.0	0.015	7.4
16800E 19150N	4	0.1	3.34	5.0	3.7	< 20	30.8	< 0.1	0.29	< 0.1	7.4	32	30.6	4.54	10	0.23	0.05	7	0.58	237	1.0	0.022	10.1
16800E 19200N	2	0.1	2.83	2.7	1.7	< 20	40.7	0.1	0.36	< 0.1	5.0	29	37.2	3.13	11	0.13	0.04	7	0.35	273	1.3	0.026	8.6
16800E 19250N	< 2	0.1	2.64	1.4	< 0.5	< 20	24.9	0.1	0.19	< 0.1	3.3	27	19.1	3.66	15	0.08	0.02	7	0.19	146	0.9	0.017	5.2
16800E 19300N	< 2	0.1	1.43	1.3	4.0	< 20	22.4	0.1	0.21	< 0.1	2.2	22	7.9	2.92	11	0.06	0.02	6	0.13	138	0.5	0.018	3.5
16800E 19350N	7	0.1	1.93	2.8	18.3	< 20	25.2	0.2	0.25	< 0.1	2.3	24	7.3	3.49	15	0.15	0.03	6	0.15	134	1.1	0.019	4.2
16850E 18750N	3	0.1	2.62	1.8	< 0.5	< 20	29.0	< 0.1	0.40	< 0.1	6.0	25	22.7	2.94	8	0.13	0.04	9	0.39	239	1.1	0.023	7.7
16850E 18800N	< 2	< 0.1	1.13	0.7	< 0.5	< 20	33.7	< 0.1	0.31	< 0.1	7.8	337	0.3	4.71	8	0.09	0.03	7	0.55	166	2.2	0.023	37.7
16850E 18850N	27	0.2	2.69	1.6	< 0.5	< 20	32.2	0.1	0.47	< 0.1	6.2	22	18.7	3.83	12	0.10	0.04	12	0.49	204	1.5	0.019	7.2
16850E 18900N	4	0.2	3.12	3.0	< 0.5	< 20	28.9	0.1	0.33	< 0.1	6.0	31	26.6	3.93	12	0.21	0.04	9	0.47	244	0.7	0.020	7.7
16850E 18950N	3	0.1	2.56	2.1	1.8	< 20	107	< 0.1	0.60	< 0.1	9.4	19	32.7	3.22	9	0.06	0.06	18	0.56	447	0.4	0.022	8.9
16850E 19000N	< 2	< 0.1	3.93	4.8	5.0	< 20	116	< 0.1	0.50	0.2	17.8	30	62.6	4.98	12	0.07	0.10	15	1.21	496	0.6	0.018	17.7
16850E 19050N	10	0.1	2.53	3.5	5.6	< 20	127	< 0.1	1.09	0.2	14.7	23	63.7	3.23	6	0.11	0.09	19	0.99	770	0.5	0.026	14.4
16850E 19100N	19	0.5	4.10	2.4	14.6	< 20	43.0	< 0.1	0.25	0.2	5.7	27	72.2	1.71	9	0.23	0.05	43	0.54	203	1.9	0.020	7.7
16850E 19150N	2	0.2	3.99	3.8	284	< 20	47.6	0.1	0.32	0.1	8.5	30	39.9	4.15	14	0.12	0.07	11	0.78	267	1.4	0.019	11.0
16850E 19200N	< 2	0.1	3.04	3.1	2.7	< 20	26.2	0.1	0.32	< 0.1	4.7	30	27.9	3.35	11	0.18	0.04	7	0.33	249	1.0	0.024	7.5
16850E 19250N	15	< 0.1	4.15	3.1	< 0.5	< 20	25.9	0.1	0.24	< 0.1	4.5	39	34.9	4.35	15	0.13	0.03	6	0.28	157	1.4	0.021	7.7
16850E 19300N	< 2	< 0.1	1.69	2.2	< 0.5	< 20	16.9	0.1	0.16	< 0.1	1.7	20	4.5	2.90	13	0.16	0.02	6	0.11	108	0.9	0.014	2.7

Results

Activation Laboratories Ltd.

Report: A21-10411

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
16850E 19350N	4	0.2	2.78	2.5	< 0.5	< 20	64.9	< 0.1	0.33	< 0.1	6.9	30	42.2	2.84	9	0.13	0.05	9	0.41	250	1.1	0.026	11.8
16900E 18750N	4	< 0.1	3.10	3.6	4.2	< 20	97.1	< 0.1	0.64	< 0.1	14.7	33	65.6	3.82	9	0.09	0.10	14	1.02	612	0.8	0.028	17.0
16900E 18800N	< 2	0.2	2.10	1.4	5.8	< 20	23.9	< 0.1	0.19	< 0.1	2.7	17	7.9	2.77	10	0.10	0.02	14	0.19	130	1.1	0.014	3.9
16900E 18850N	6	0.2	3.82	3.0	< 0.5	< 20	63.9	< 0.1	0.37	< 0.1	9.1	33	55.5	3.98	10	0.13	0.05	8	0.70	312	2.9	0.022	15.2
16900E 18900N	< 2	0.2	3.10	2.3	0.9	< 20	45.4	< 0.1	0.46	< 0.1	7.1	27	16.1	4.26	14	0.08	0.03	11	0.56	193	0.7	0.017	8.0
16900E 18950N	6	0.2	3.12	3.5	< 0.5	< 20	51.2	< 0.1	0.44	0.1	7.8	30	32.1	4.02	12	0.10	0.04	13	0.64	251	1.3	0.019	10.5
16900E 19000N	4	0.3	3.47	3.1	< 0.5	< 20	36.9	< 0.1	0.34	< 0.1	5.9	49	28.4	4.12	12	0.29	0.04	10	0.51	207	0.7	0.017	7.5
16900E 19050N	2	0.1	3.03	2.9	< 0.5	< 20	49.4	< 0.1	0.38	< 0.1	9.1	29	50.1	3.74	9	0.15	0.05	11	0.66	330	1.0	0.018	10.8
16900E 19100N	< 2	0.2	4.15	2.4	< 0.5	< 20	101	< 0.1	0.51	< 0.1	12.2	42	53.4	3.94	9	0.10	0.05	16	0.77	395	2.0	0.024	15.6
16900E 19150N	4	0.1	3.25	3.4	< 0.5	< 20	123	< 0.1	0.67	0.1	19.4	28	72.6	4.01	7	0.12	0.10	18	1.13	1110	1.0	0.032	17.4
16900E 19200N	2	0.2	3.39	2.1	< 0.5	< 20	77.2	< 0.1	0.47	< 0.1	14.3	29	48.8	3.73	9	0.10	0.07	16	0.92	363	1.6	0.028	15.0
16900E 19250N	6	< 0.1	2.27	3.7	3.7	< 20	88.0	< 0.1	1.32	< 0.1	11.6	35	59.8	3.09	6	0.06	0.09	15	0.80	530	0.7	0.081	16.6
16900E 19300N	3	0.1	3.02	3.0	1.6	< 20	78.9	< 0.1	0.61	< 0.1	12.8	28	59.8	3.95	7	0.09	0.07	15	1.02	392	1.3	0.032	15.0
16900E 19350N	3	< 0.1	2.95	2.9	0.9	< 20	46.4	0.1	0.44	< 0.1	7.3	28	52.9	2.98	9	0.12	0.04	9	0.44	234	4.1	0.026	12.1
16950E 18750N	8	< 0.1	2.83	4.2	0.8	< 20	100.0	0.1	0.49	< 0.1	11.5	26	55.5	3.62	8	0.07	0.09	12	0.82	563	0.6	0.030	13.9
16950E 18800N	4	0.2	4.24	3.9	< 0.5	< 20	71.3	0.1	0.38	< 0.1	11.1	31	83.2	3.68	9	0.22	0.06	14	0.87	378	1.4	0.024	16.0
16950E 18850N	3	0.2	3.67	2.1	1.1	< 20	34.4	< 0.1	0.32	< 0.1	5.8	28	30.4	4.21	11	0.17	0.04	10	0.45	196	1.3	0.018	6.6
16950E 18900N	3	< 0.1	2.44	1.4	1.1	< 20	40.3	< 0.1	0.11	< 0.1	3.2	11	21.3	3.07	9	0.05	0.03	14	0.22	110	2.3	0.011	3.0
16950E 18950N	< 2	< 0.1	2.93	1.4	< 0.5	< 20	54.7	0.1	0.35	< 0.1	8.2	26	34.9	3.19	10	0.11	0.05	13	0.51	236	2.5	0.018	10.1
16950E 19000N	< 2	0.1	3.77	2.7	0.9	< 20	46.4	0.1	0.23	< 0.1	7.2	28	39.2	3.98	12	0.27	0.05	11	0.48	219	1.0	0.016	9.5
16950E 19050N	2	0.2	3.09	2.5	< 0.5	< 20	86.7	0.1	0.49	0.1	7.7	28	50.5	3.23	11	0.13	0.05	10	0.58	404	2.7	0.022	10.2
16950E 19100N	< 2	0.2	1.97	1.7	< 0.5	< 20	48.1	< 0.1	0.36	< 0.1	4.2	23	27.0	2.47	11	0.04	0.05	9	0.34	265	2.2	0.020	5.5
16950E 19150N	5	0.1	4.12	6.2	< 0.5	< 20	82.5	0.1	0.33	< 0.1	10.3	34	100	3.73	9	0.16	0.06	11	0.81	349	3.7	0.022	14.7
16950E 19200N	3	0.2	3.98	2.6	0.9	< 20	137	0.1	0.40	< 0.1	11.2	31	80.1	4.10	10	0.13	0.05	15	0.66	342	12.1	0.021	14.4
16950E 19250N	2	< 0.1	2.48	3.1	< 0.5	< 20	109	0.1	0.67	< 0.1	16.4	29	69.9	2.80	7	0.08	0.06	15	0.60	658	10.5	0.033	15.3
16950E 19300N	< 2	< 0.1	1.12	0.5	< 0.5	< 20	37.5	< 0.1	0.35	< 0.1	3.7	16	7.8	1.94	7	0.03	0.02	7	0.20	167	10.4	0.016	4.6
16950E 19350N	4	< 0.1	2.50	2.1	1.8	< 20	59.0	< 0.1	0.49	< 0.1	9.0	32	58.8	3.38	10	0.07	0.05	6	0.62	333	12.3	0.028	16.3
17000E 18750N	3	< 0.1	2.82	3.2	< 0.5	< 20	78.1	< 0.1	0.75	0.1	14.1	29	77.6	3.61	8	0.11	0.09	16	1.04	542	0.5	0.029	15.8
17000E 18800N	< 2	< 0.1	0.97	1.9	< 0.5	< 20	20.3	< 0.1	0.36	< 0.1	2.9	20	2.7	2.35	8	0.04	0.02	8	0.15	129	0.4	0.013	3.1
17000E 18850N	< 2	0.1	2.01	1.6	< 0.5	< 20	33.2	0.1	0.32	< 0.1	3.0	23	7.6	2.99	11	0.05	0.03	9	0.23	142	0.5	0.016	4.4
17000E 18900N	8	< 0.1	2.66	2.2	< 0.5	< 20	52.9	0.1	0.39	< 0.1	9.7	43	44.7	4.18	8	0.07	0.06	11	0.62	418	0.7	0.018	12.1
17000E 18950N	< 2	0.1	1.89	1.4	< 0.5	< 20	25.0	< 0.1	0.25	< 0.1	3.0	16	8.7	2.51	10	0.05	0.03	8	0.27	142	0.5	0.015	3.8
17000E 19000N	< 2	< 0.1	5.64	2.2	< 0.5	< 20	42.1	< 0.1	0.23	< 0.1	8.6	23	38.7	3.82	12	0.13	0.06	12	0.63	318	5.0	0.015	8.5
17000E 19050N	< 2	0.3	4.73	2.4	< 0.5	< 20	36.0	< 0.1	0.26	< 0.1	5.3	33	36.1	3.75	13	0.22	0.03	8	0.40	234	1.6	0.017	7.4
17000E 19100N	8	0.2	2.55	1.9	< 0.5	< 20	65.3	0.1	0.37	< 0.1	6.0	22	32.0	2.95	9	0.14	0.04	9	0.38	292	7.8	0.020	7.1
17000E 19150N	< 2	< 0.1	2.68	1.6	< 0.5	< 20	157	0.2	0.44	< 0.1	8.5	18	86.1	2.49	7	0.02	0.07	14	0.54	476	9.5	0.018	9.3
17000E 19200N	3	0.1	2.17	2.0	< 0.5	< 20	73.9	0.1	0.43	< 0.1	6.6	22	49.0	2.58	9	0.05	0.04	7	0.44	281	9.6	0.020	10.0
17000E 19250N	3	< 0.1	2.56	1.7	< 0.5	< 20	91.8	0.1	0.35	< 0.1	5.7	22	45.0	2.56	9	0.05	0.04	8	0.34	226	6.3	0.019	10.0
17000E 19300N	< 2	0.1	3.22	2.7	< 0.5	< 20	85.7	0.2	0.38	< 0.1	8.3	29	54.2	4.01	15	0.08	0.06	11	0.46	275	20.5	0.021	13.9
17000E 19350N	< 2	0.1	3.39	2.5	2.4	< 20	99.1	0.2	0.37	< 0.1	11.1	30	75.1	4.08	15	0.06	0.07	9	0.62	411	35.2	0.021	17.4
17050E 18750N	35	< 0.1	2.06	1.9	< 0.5	< 20	48.6	0.1	0.50	0.1	7.0	46	18.9	3.26	10	0.03	0.04	12	0.53	243	1.2	0.018	11.4
17050E 18800N	6	0.1	2.51	1.3	13.3	< 20	42.0	< 0.1	0.26	< 0.1	5.8	25	27.2	2.87	10	0.06	0.04	11	0.41	214	0.7	0.014	7.6
17050E 18850N	< 2	0.1	2.24	1.4	2.0	< 20	24.1	0.1	0.23	< 0.1	3.1	19	6.0	2.65	13	0.05	0.03	11	0.25	145	0.5	0.013	4.1
17050E 18900N	4	< 0.1	2.52	1.2	< 0.5	< 20	39.1	< 0.1	0.16	< 0.1	4.4	40	15.1	2.94	11	0.01	0.04	12	0.25	167	0.8	0.012	7.1
17050E 18950N	2	< 0.1	0.62	0.8	< 0.5	< 20	17.2	< 0.1	0.21	< 0.1	1.6	20	< 0.2	1.93	5	0.01	0.02	5	0.06	110	0.2	0.014	2.0
17050E 19000N	< 2	0.2	2.27	1.1	< 0.5	< 20	63.9	0.1	0.38	< 0.1	4.7	26	18.3	2.69	12	0.07	0.04	8	0.37	204	2.2	0.019	6.6
17050E 19050N	< 2	0.1	3.23	1.7	< 0.5	< 20	100	0.2	0.31	< 0.1	6.4	23	44.1	3.28	13	0.06	0.06	9	0.46	296	8.8	0.018	9.0
17050E 19100N	< 2	< 0.1	2.87	1.7	< 0.5	< 20	78.9	0.2	0.32	< 0.1	7.2	24	72.4	3.19	11	0.07	0.05	8	0.51	256	11.3	0.016	9.7
17050E 19150N	< 2	< 0.1	2.78	1.5	< 0.5	< 20	146	0.2	0.46	< 0.1	8.5	18	80.4	2.68	8	0.03	0.08	15	0.57	698	10.1	0.018	10.0
17050E 19200N	< 2	< 0.1	1.78	1.4	< 0.5	< 20	46.3	0.1	0.18	< 0.1	2.9	12	18.8	1.81	8	0.02	0.03	17	0.15	137	5.3	0.015	3.5
17050E 19250N	< 2	< 0.1	2.11	1.4	< 0.5	< 20	163	0.2	0.50	< 0.1	10.7	17	39.2	2.29	8	0.04	0.06	13	0.39	842	6.4	0.019	8.2

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
17050E 19300N	< 2	< 0.1	2.12	1.4	1.6	< 20	52.0	0.3	0.38	< 0.1	5.0	20	23.0	2.44	10	0.02	0.05	7	0.34	220	3.1	0.018	7.2
17050E 19350N	11	< 0.1	2.47	2.5	< 0.5	< 20	85.3	0.1	0.50	< 0.1	10.8	30	72.9	3.36	11	0.04	0.06	7	0.69	352	12.6	0.026	20.8
17100E 18750N	4	0.3	1.68	1.6	6.4	< 20	29.0	< 0.1	0.39	< 0.1	4.6	41	10.7	3.18	12	0.06	0.03	9	0.32	176	0.4	0.019	8.4
17100E 18800N	< 2	0.2	2.30	1.8	< 0.5	< 20	37.1	< 0.1	0.31	< 0.1	4.7	18	14.6	2.97	12	0.10	0.05	10	0.34	189	0.7	0.017	5.3
17100E 18850N	< 2	< 0.1	< 0.01	< 0.5	< 0.5	< 20	< 0.5	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	< 0.001	< 0.1
17100E 18900N	2	< 0.1	1.68	1.3	8.7	< 20	23.7	0.1	0.35	< 0.1	2.8	17	4.4	2.32	11	0.03	0.02	8	0.21	168	0.7	0.015	4.0
17100E 18950N	< 2	0.2	3.22	2.5	2.7	< 20	88.6	< 0.1	0.55	< 0.1	16.1	27	86.7	3.61	8	0.10	0.09	15	1.19	468	1.0	0.029	18.0
17100E 19000N	< 2	< 0.1	2.32	1.1	< 0.5	< 20	76.7	0.1	0.42	< 0.1	8.5	22	51.4	2.86	10	0.06	0.05	8	0.53	367	8.6	0.019	10.0
17100E 19050N	< 2	< 0.1	1.63	1.0	2.0	< 20	110	0.2	0.39	< 0.1	5.6	14	38.6	2.32	7	0.05	0.05	9	0.31	918	5.0	0.019	6.8
17100E 19100N	< 2	< 0.1	1.06	0.6	< 0.5	< 20	31.1	< 0.1	0.28	< 0.1	1.5	8	4.7	1.21	6	< 0.01	0.03	6	0.08	186	3.7	0.014	1.3
17100E 19150N	< 2	< 0.1	3.97	2.8	< 0.5	< 20	99.2	0.3	0.30	< 0.1	8.5	29	55.8	3.77	13	0.06	0.07	7	0.55	280	28.3	0.018	14.4
17100E 19200N	4	< 0.1	3.21	1.9	< 0.5	< 20	71.5	0.2	0.35	< 0.1	7.8	27	51.9	3.06	11	0.04	0.05	6	0.49	257	3.9	0.019	12.8
17100E 19250N	< 2	0.2	3.19	1.8	< 0.5	< 20	106	0.2	0.38	< 0.1	9.9	28	71.1	3.61	12	0.07	0.06	8	0.56	348	15.6	0.022	16.5
17100E 19300N	6	< 0.1	1.72	1.0	2.2	< 20	89.4	0.3	0.49	< 0.1	6.3	18	29.8	2.17	7	< 0.01	0.04	9	0.38	331	4.1	0.017	7.4
17100E 19350N	< 2	< 0.1	1.13	0.7	< 0.5	< 20	25.0	< 0.1	0.31	< 0.1	4.1	21	18.2	2.51	8	< 0.01	0.02	8	0.25	219	6.4	0.018	4.6
17150E 18750N	3	0.1	1.97	1.0	< 0.5	< 20	40.0	< 0.1	0.33	< 0.1	5.1	26	36.4	2.88	10	0.02	0.05	13	0.32	216	0.7	0.017	6.7
17150E 18800N	< 2	0.3	2.34	0.9	< 0.5	< 20	33.0	0.1	0.24	< 0.1	3.6	16	13.7	2.68	14	0.11	0.03	10	0.27	167	0.6	0.014	4.0
17150E 18850N	< 2	0.2	2.53	2.2	< 0.5	< 20	33.9	0.1	0.38	< 0.1	4.8	22	13.9	3.32	12	0.15	0.03	9	0.42	191	0.6	0.018	6.7
17150E 18900N	3	0.1	3.33	4.4	< 0.5	< 20	154	< 0.1	0.61	0.1	17.9	39	136	3.92	8	0.11	0.11	20	1.27	648	0.8	0.024	24.5
17150E 18950N	< 2	< 0.1	2.12	0.8	< 0.5	< 20	68.1	< 0.1	0.23	< 0.1	2.6	6	17.9	1.97	11	< 0.01	0.05	6	0.20	380	2.6	0.016	2.1
17150E 19000N	< 2	< 0.1	1.62	0.9	< 0.5	< 20	30.5	< 0.1	0.33	< 0.1	2.5	13	6.2	1.95	9	0.03	0.02	7	0.19	168	2.0	0.014	3.1
17150E 19050N	< 2	0.1	2.46	1.6	0.6	< 20	80.9	< 0.1	0.32	< 0.1	5.5	18	27.9	2.83	10	0.06	0.06	8	0.37	315	8.1	0.016	7.2
17150E 19100N	< 2	< 0.1	1.28	1.2	0.7	< 20	31.5	0.1	0.27	< 0.1	1.7	10	2.7	1.42	8	0.02	0.03	8	0.12	119	3.1	0.015	2.1
17150E 19150N	< 2	< 0.1	1.21	1.4	< 0.5	< 20	35.6	< 0.1	0.34	< 0.1	3.3	11	1.7	1.89	7	0.03	0.04	7	0.28	153	2.3	0.015	3.5
17150E 19200N	14	< 0.1	1.59	1.4	< 0.5	< 20	37.5	0.1	0.38	< 0.1	3.8	16	7.6	1.96	8	0.04	0.03	6	0.28	229	7.4	0.020	5.7
17150E 19250N	< 2	< 0.1	1.48	1.6	< 0.5	< 20	106	0.1	0.33	< 0.1	3.9	9	26.4	1.43	6	0.03	0.05	11	0.17	461	4.2	0.012	3.1
17150E 19300N	2	< 0.1	2.96	1.4	< 0.5	< 20	71.9	0.2	0.36	< 0.1	6.9	25	25.7	3.42	12	0.08	0.05	7	0.38	278	9.0	0.021	11.0
17150E 19350N	6	< 0.1	2.20	1.5	1.8	< 20	40.2	0.1	0.32	< 0.1	4.4	21	20.7	2.68	10	0.05	0.03	6	0.32	191	11.8	0.018	7.3

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
16700E 18750N	0.063	17.5	< 1	0.3	3.7	< 0.5	54	< 0.2	0.7	0.112	< 0.1	81	0.1	41
16700E 18800N	0.117	4.4	< 1	0.2	7.3	< 0.5	62	< 0.2	2.2	0.165	< 0.1	92	0.6	51
16700E 18850N	0.059	4.7	< 1	0.2	5.2	< 0.5	36	< 0.2	1.8	0.126	< 0.1	91	0.5	47
16700E 18900N	0.138	6.7	< 1	0.2	5.4	< 0.5	28	< 0.2	2.1	0.120	< 0.1	100	0.3	44
16700E 18950N	0.105	6.2	< 1	0.2	4.9	< 0.5	21	< 0.2	1.7	0.089	< 0.1	85	0.5	46
16700E 19000N	0.105	3.9	< 1	0.1	6.2	0.7	18	< 0.2	3.2	0.098	< 0.1	79	1.1	40
16700E 19050N	0.070	6.3	< 1	0.2	5.0	< 0.5	25	< 0.2	1.7	0.108	< 0.1	76	0.5	50
16700E 19100N	0.027	5.7	< 1	0.2	4.2	< 0.5	31	< 0.2	1.5	0.116	0.1	80	0.4	38
16700E 19150N	0.072	4.3	< 1	0.1	4.3	1.0	27	< 0.2	1.0	0.096	< 0.1	76	2.7	41
16700E 19200N	0.030	4.1	< 1	0.2	6.5	< 0.5	38	< 0.2	2.7	0.139	< 0.1	86	0.3	27
16700E 19250N	0.021	5.5	< 1	0.1	2.7	< 0.5	29	< 0.2	0.8	0.109	< 0.1	70	0.2	24
16700E 19300N	0.041	4.6	< 1	0.1	2.3	< 0.5	19	< 0.2	1.4	0.082	< 0.1	74	0.1	19
16700E 19350N	0.054	5.3	< 1	0.1	3.0	< 0.5	21	< 0.2	1.6	0.103	< 0.1	77	0.3	23
16750E 18750N	0.182	5.0	< 1	0.2	5.5	< 0.5	46	< 0.2	1.9	0.148	< 0.1	100	0.5	37
16750E 18800N	0.202	6.0	< 1	0.2	6.7	0.7	30	< 0.2	2.7	0.145	< 0.1	108	0.5	69
16750E 18850N	0.057	4.6	< 1	0.2	3.2	< 0.5	23	< 0.2	1.2	0.091	< 0.1	75	0.4	22
16750E 18900N	0.038	5.1	< 1	0.2	6.3	< 0.5	57	< 0.2	1.6	0.161	< 0.1	132	0.1	17
16750E 18950N	0.128	5.2	< 1	0.2	6.3	0.9	35	< 0.2	2.5	0.115	< 0.1	117	0.4	58
16750E 19000N	0.102	8.7	< 1	0.2	5.8	0.7	60	< 0.2	1.0	0.121	< 0.1	86	0.3	52
16750E 19050N	0.097	5.6	< 1	0.2	5.4	< 0.5	29	< 0.2	2.1	0.118	< 0.1	93	0.4	42
16750E 19100N	0.071	7.4	< 1	0.2	3.2	< 0.5	21	< 0.2	1.0	0.080	< 0.1	87	0.2	27
16750E 19150N	0.038	5.5	< 1	0.2	5.6	0.7	27	< 0.2	2.0	0.102	0.1	76	0.5	36
16750E 19200N	0.139	5.1	< 1	0.2	5.8	0.8	22	< 0.2	3.5	0.139	< 0.1	82	0.9	43
16750E 19250N	0.148	4.9	< 1	0.2	5.2	< 0.5	26	< 0.2	2.8	0.149	< 0.1	113	0.3	40
16750E 19300N	0.034	4.9	< 1	0.1	2.7	< 0.5	24	< 0.2	1.0	0.129	< 0.1	88	0.2	17
16750E 19350N	0.066	4.8	< 1	0.1	2.6	0.5	19	< 0.2	1.0	0.086	< 0.1	67	1.6	29
16800E 18750N	0.071	7.7	< 1	0.2	3.7	< 0.5	50	< 0.2	1.4	0.161	< 0.1	123	0.3	25
16800E 18800N	0.083	6.1	< 1	0.2	4.3	< 0.5	34	< 0.2	1.5	0.118	< 0.1	82	0.4	38
16800E 18850N	0.069	6.2	< 1	0.2	5.3	< 0.5	35	< 0.2	2.2	0.132	< 0.1	87	0.6	49
16800E 18900N	0.057	3.8	< 1	0.1	7.0	< 0.5	59	< 0.2	1.9	0.212	< 0.1	117	0.5	50
16800E 18950N	0.160	6.9	< 1	0.2	6.6	0.5	31	< 0.2	1.8	0.123	< 0.1	105	0.3	51
16800E 19000N	0.116	6.3	< 1	0.2	6.6	< 0.5	52	< 0.2	1.2	0.123	< 0.1	94	0.2	80
16800E 19050N	0.097	6.6	< 1	0.2	5.5	< 0.5	39	< 0.2	1.5	0.155	< 0.1	138	0.2	35
16800E 19100N	0.065	6.3	< 1	0.2	4.9	< 0.5	50	< 0.2	1.0	0.110	< 0.1	105	0.2	40
16800E 19150N	0.087	5.2	< 1	0.2	5.5	0.7	34	< 0.2	3.3	0.161	< 0.1	98	0.5	39
16800E 19200N	0.083	6.1	< 1	0.2	4.6	< 0.5	24	< 0.2	1.9	0.131	< 0.1	88	0.3	30
16800E 19250N	0.036	4.9	< 1	0.2	3.8	< 0.5	22	< 0.2	1.8	0.122	< 0.1	105	< 0.1	19
16800E 19300N	0.038	4.6	< 1	0.1	2.1	< 0.5	20	< 0.2	1.0	0.097	< 0.1	95	0.1	18
16800E 19350N	0.091	6.2	< 1	0.2	2.7	< 0.5	21	< 0.2	1.5	0.140	< 0.1	103	0.2	20
16850E 18750N	0.078	5.6	< 1	0.2	4.8	< 0.5	33	< 0.2	1.6	0.123	< 0.1	80	0.3	29
16850E 18800N	0.018	2.5	< 1	0.2	6.5	< 0.5	15	< 0.2	1.1	0.264	< 0.1	119	< 0.1	29
16850E 18850N	0.043	5.5	< 1	0.2	5.6	< 0.5	59	< 0.2	1.9	0.161	< 0.1	111	< 0.1	39
16850E 18900N	0.181	7.4	< 1	0.2	5.8	< 0.5	40	< 0.2	2.6	0.138	< 0.1	109	0.2	37
16850E 18950N	0.073	5.2	< 1	0.1	7.1	< 0.5	53	< 0.2	1.6	0.101	< 0.1	107	< 0.1	43
16850E 19000N	0.145	4.0	< 1	0.1	9.5	< 0.5	41	< 0.2	2.0	0.051	< 0.1	151	0.6	81
16850E 19050N	0.133	6.8	< 1	0.2	6.7	< 0.5	66	< 0.2	1.3	0.124	< 0.1	94	0.4	70
16850E 19100N	0.052	4.1	< 1	0.2	8.9	2.7	31	< 0.2	0.4	0.095	< 0.1	68	0.8	29
16850E 19150N	0.226	5.9	< 1	0.2	7.6	< 0.5	44	< 0.2	2.6	0.187	< 0.1	135	0.5	48
16850E 19200N	0.139	7.1	< 1	0.2	4.8	< 0.5	20	< 0.2	2.2	0.123	< 0.1	92	0.4	26
16850E 19250N	0.076	4.8	< 1	0.2	4.5	< 0.5	19	< 0.2	3.7	0.146	< 0.1	113	0.3	29
16850E 19300N	0.037	4.8	< 1	0.2	2.3	< 0.5	17	< 0.2	1.3	0.125	< 0.1	96	< 0.1	14

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
16850E 19350N	0.030	3.7	< 1	0.2	5.2	< 0.5	25	< 0.2	2.2	0.131	< 0.1	80	0.6	26
16900E 18750N	0.103	4.3	< 1	0.2	8.1	< 0.5	52	< 0.2	2.6	0.177	< 0.1	106	0.5	52
16900E 18800N	0.040	4.3	< 1	0.2	3.4	< 0.5	20	< 0.2	1.8	0.042	< 0.1	86	0.1	25
16900E 18850N	0.109	4.8	< 1	0.2	5.1	< 0.5	34	< 0.2	2.1	0.141	< 0.1	94	0.7	49
16900E 18900N	0.098	5.8	< 1	0.1	6.1	< 0.5	53	< 0.2	2.1	0.161	< 0.1	138	< 0.1	42
16900E 18950N	0.070	5.4	< 1	0.2	7.0	< 0.5	50	< 0.2	2.3	0.122	< 0.1	125	0.2	42
16900E 19000N	0.169	6.0	< 1	0.2	5.7	< 0.5	34	< 0.2	1.9	0.106	< 0.1	106	0.1	42
16900E 19050N	0.115	6.2	< 1	0.2	6.1	< 0.5	39	< 0.2	2.0	0.101	< 0.1	108	0.3	44
16900E 19100N	0.058	3.6	< 1	0.1	6.4	< 0.5	47	< 0.2	3.0	0.105	< 0.1	90	0.4	56
16900E 19150N	0.105	3.9	< 1	0.1	7.7	< 0.5	51	< 0.2	2.1	0.130	< 0.1	104	0.4	64
16900E 19200N	0.038	4.4	< 1	0.2	6.6	< 0.5	42	< 0.2	2.4	0.150	< 0.1	97	0.4	51
16900E 19250N	0.096	2.6	< 1	0.2	6.3	< 0.5	55	< 0.2	3.0	0.162	< 0.1	82	1.7	35
16900E 19300N	0.056	3.3	< 1	0.2	7.4	< 0.5	49	< 0.2	2.8	0.154	< 0.1	105	0.5	49
16900E 19350N	0.086	3.5	< 1	0.1	4.7	< 0.5	29	< 0.2	2.2	0.149	< 0.1	77	0.7	31
16950E 18750N	0.080	7.7	< 1	0.2	6.4	< 0.5	38	< 0.2	2.2	0.140	< 0.1	96	0.5	46
16950E 18800N	0.150	6.7	< 1	0.2	7.7	< 0.5	38	< 0.2	3.4	0.150	< 0.1	97	0.7	44
16950E 18850N	0.092	5.3	< 1	0.2	5.4	< 0.5	34	< 0.2	3.4	0.123	< 0.1	110	0.2	39
16950E 18900N	0.034	3.0	< 1	0.2	3.3	< 0.5	14	< 0.2	2.6	0.004	< 0.1	75	0.2	21
16950E 18950N	0.056	5.1	< 1	0.1	5.3	< 0.5	38	< 0.2	2.8	0.124	< 0.1	85	0.4	45
16950E 19000N	0.103	5.0	< 1	0.1	5.8	< 0.5	29	< 0.2	3.2	0.075	< 0.1	119	0.4	45
16950E 19050N	0.114	8.3	< 1	0.1	4.8	< 0.5	43	< 0.2	2.4	0.117	< 0.1	92	0.2	42
16950E 19100N	0.037	3.8	< 1	< 0.1	3.9	< 0.5	42	< 0.2	1.6	0.088	< 0.1	85	< 0.1	21
16950E 19150N	0.072	4.7	< 1	0.1	6.4	< 0.5	36	< 0.2	4.5	0.124	< 0.1	87	0.7	42
16950E 19200N	0.087	4.8	< 1	0.1	5.7	< 0.5	35	< 0.2	3.2	0.123	< 0.1	80	0.5	52
16950E 19250N	0.048	5.9	< 1	0.2	4.8	< 0.5	42	< 0.2	1.7	0.142	< 0.1	75	1.1	42
16950E 19300N	0.010	3.5	< 1	0.1	2.3	< 0.5	29	< 0.2	1.0	0.127	< 0.1	66	0.1	14
16950E 19350N	0.040	3.7	< 1	0.2	4.2	< 0.5	31	< 0.2	1.7	0.164	< 0.1	82	0.9	35
17000E 18750N	0.129	4.1	< 1	0.2	7.9	< 0.5	58	< 0.2	2.7	0.158	< 0.1	100	0.4	46
17000E 18800N	0.031	5.4	< 1	0.1	3.1	< 0.5	41	< 0.2	0.9	0.106	< 0.1	83	< 0.1	14
17000E 18850N	0.120	5.6	< 1	0.1	3.7	< 0.5	36	< 0.2	1.5	0.104	< 0.1	99	0.1	23
17000E 18900N	0.109	5.8	< 1	0.1	5.1	< 0.5	38	< 0.2	2.6	0.089	< 0.1	110	1.0	41
17000E 18950N	0.041	4.7	< 1	0.1	3.1	< 0.5	34	< 0.2	2.0	0.060	< 0.1	80	0.1	21
17000E 19000N	0.093	5.7	< 1	< 0.1	6.9	< 0.5	36	< 0.2	5.8	0.066	< 0.1	86	0.5	40
17000E 19050N	0.171	4.4	< 1	< 0.1	5.7	< 0.5	26	< 0.2	3.1	0.094	< 0.1	98	0.2	39
17000E 19100N	0.059	6.0	< 1	0.1	3.3	< 0.5	34	< 0.2	2.1	0.092	< 0.1	75	0.2	34
17000E 19150N	0.041	7.0	< 1	0.1	3.6	< 0.5	45	< 0.2	3.0	0.043	< 0.1	55	0.3	37
17000E 19200N	0.033	4.9	< 1	0.1	3.5	< 0.5	31	< 0.2	1.5	0.119	< 0.1	71	0.5	30
17000E 19250N	0.019	4.3	< 1	0.1	3.1	< 0.5	28	< 0.2	1.8	0.092	< 0.1	71	0.3	24
17000E 19300N	0.037	6.3	< 1	0.2	3.9	< 0.5	32	< 0.2	1.6	0.171	< 0.1	108	0.5	34
17000E 19350N	0.055	6.6	< 1	0.2	4.4	< 0.5	26	< 0.2	1.5	0.161	< 0.1	102	0.6	47
17050E 18750N	0.040	7.8	< 1	0.1	5.7	< 0.5	48	< 0.2	1.6	0.138	< 0.1	108	0.4	33
17050E 18800N	0.049	4.8	< 1	0.1	4.2	< 0.5	26	< 0.2	2.2	0.042	< 0.1	87	0.8	31
17050E 18850N	0.037	4.9	< 1	0.1	3.1	< 0.5	25	< 0.2	1.7	0.035	< 0.1	88	0.5	19
17050E 18900N	0.023	3.4	< 1	0.2	4.8	< 0.5	21	< 0.2	2.3	0.014	0.1	104	0.2	28
17050E 18950N	0.011	3.8	< 1	0.1	1.2	< 0.5	16	< 0.2	0.7	0.109	< 0.1	67	< 0.1	9
17050E 19000N	0.034	4.9	< 1	0.1	3.8	< 0.5	35	< 0.2	1.5	0.120	< 0.1	98	< 0.1	47
17050E 19050N	0.039	5.7	< 1	0.1	3.9	< 0.5	40	< 0.2	2.1	0.098	< 0.1	84	0.2	38
17050E 19100N	0.067	4.4	< 1	0.1	3.4	< 0.5	35	< 0.2	2.1	0.094	< 0.1	81	0.4	43
17050E 19150N	0.048	8.2	< 1	0.1	4.0	< 0.5	39	< 0.2	3.6	0.049	< 0.1	60	0.3	38
17050E 19200N	0.020	3.1	< 1	< 0.1	1.6	< 0.5	16	< 0.2	2.6	0.017	< 0.1	57	0.3	16
17050E 19250N	0.025	8.9	< 1	0.1	3.0	< 0.5	52	< 0.2	1.2	0.107	< 0.1	57	0.3	43

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
17050E 19300N	0.025	4.9	< 1	0.1	3.3	< 0.5	33	< 0.2	1.3	0.109	< 0.1	70	0.2	27
17050E 19350N	0.046	4.5	< 1	0.1	4.6	< 0.5	32	< 0.2	1.5	0.151	< 0.1	86	0.5	46
17100E 18750N	0.028	4.7	< 1	0.2	4.9	< 0.5	45	< 0.2	1.2	0.133	< 0.1	124	< 0.1	24
17100E 18800N	0.036	4.2	< 1	0.1	4.3	< 0.5	37	< 0.2	1.6	0.083	< 0.1	91	0.5	27
17100E 18850N	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
17100E 18900N	0.025	5.1	< 1	0.1	3.3	< 0.5	37	< 0.2	1.3	0.120	< 0.1	82	1.5	16
17100E 18950N	0.097	4.9	< 1	0.1	7.8	< 0.5	48	< 0.2	2.8	0.175	< 0.1	105	0.4	60
17100E 19000N	0.028	5.0	< 1	0.1	4.0	< 0.5	49	< 0.2	1.7	0.133	< 0.1	71	0.3	33
17100E 19050N	0.032	18.3	< 1	0.2	2.4	< 0.5	34	< 0.2	1.7	0.063	< 0.1	51	< 0.1	42
17100E 19100N	0.007	2.8	< 1	< 0.1	1.7	< 0.5	37	< 0.2	1.0	0.060	< 0.1	41	< 0.1	10
17100E 19150N	0.054	6.4	< 1	0.2	4.1	< 0.5	29	< 0.2	2.1	0.106	< 0.1	83	0.5	45
17100E 19200N	0.037	4.8	< 1	0.1	3.8	< 0.5	34	< 0.2	2.1	0.129	< 0.1	74	0.6	35
17100E 19250N	0.051	5.9	< 1	0.2	4.2	< 0.5	30	< 0.2	1.7	0.151	< 0.1	79	0.8	45
17100E 19300N	0.016	4.0	< 1	0.1	2.9	< 0.5	47	< 0.2	1.8	0.117	< 0.1	60	0.2	33
17100E 19350N	0.011	4.5	< 1	< 0.1	2.2	< 0.5	39	< 0.2	1.8	0.116	< 0.1	75	0.2	30
17150E 18750N	0.047	4.8	< 1	0.1	4.9	< 0.5	36	< 0.2	1.8	0.044	< 0.1	97	0.3	34
17150E 18800N	0.034	5.1	< 1	0.1	3.7	< 0.5	30	< 0.2	1.9	0.066	< 0.1	85	0.3	23
17150E 18850N	0.128	6.3	< 1	0.1	4.5	< 0.5	38	< 0.2	2.1	0.136	< 0.1	93	0.2	66
17150E 18900N	0.134	4.3	< 1	0.2	10.4	< 0.5	53	< 0.2	3.0	0.162	< 0.1	109	0.4	59
17150E 18950N	0.014	4.0	< 1	< 0.1	1.8	< 0.5	36	< 0.2	1.4	0.024	< 0.1	39	< 0.1	19
17150E 19000N	0.010	3.0	< 1	0.2	2.7	< 0.5	40	< 0.2	1.3	0.098	< 0.1	61	0.1	15
17150E 19050N	0.023	4.5	< 1	0.2	3.5	< 0.5	38	< 0.2	1.9	0.107	< 0.1	65	0.2	25
17150E 19100N	0.006	2.4	< 1	0.1	2.1	< 0.5	32	< 0.2	1.1	0.056	< 0.1	51	< 0.1	7
17150E 19150N	0.009	3.5	< 1	0.2	2.8	< 0.5	37	< 0.2	1.2	0.114	< 0.1	63	< 0.1	13
17150E 19200N	0.015	3.6	< 1	0.2	3.2	< 0.5	35	< 0.2	1.1	0.123	< 0.1	65	0.1	18
17150E 19250N	0.013	4.4	< 1	0.1	2.1	< 0.5	50	< 0.2	1.3	0.040	0.1	32	0.2	18
17150E 19300N	0.039	5.2	< 1	0.2	3.7	< 0.5	28	< 0.2	1.5	0.159	< 0.1	81	0.3	37
17150E 19350N	0.024	4.0	< 1	0.2	3.3	< 0.5	26	< 0.2	1.3	0.130	< 0.1	76	0.2	26

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas			6.17	5.0	7.2		83.5	0.3	0.10		26.4	410	352	13.8	16		0.10	10	0.17	407		0.040	182
OREAS 45d (Aqua Regia) Cert			4.860	6.50	21		80	0.30	0.09		26.2	467	345.0	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0
OREAS 45d (Aqua Regia) Meas			5.50	4.7	14.3		89.5	0.3	0.09		25.8	492	352	13.3	18		0.11	11	0.16	429		0.031	202
OREAS 45d (Aqua Regia) Cert			4.860	6.50	21		80	0.30	0.09		26.2	467	345.0	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0
OREAS 45d (Aqua Regia) Meas			5.10	4.2	13.2		84.8	0.3	0.09		26.1	437	360	14.1	17		0.11	11	0.16	391		0.037	201
OREAS 45d (Aqua Regia) Cert			4.860	6.50	21		80	0.30	0.09		26.2	467	345.0	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0
OREAS 45d (Aqua Regia) Meas			5.54	4.9	19.5		79.5	0.3	0.09		27.7	414	360	13.5	18		0.11	11	0.17	405		0.033	203
OREAS 45d (Aqua Regia) Cert			4.860	6.50	21		80	0.30	0.09		26.2	467	345.0	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0
OREAS 922 (AQUA REGIA) Meas		0.8	2.80	7.1			80.9	10.0	0.36	0.3	17.5	41	2090	4.74	7		0.39	37	1.21	721	0.7	0.025	30.5
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 922 (AQUA REGIA) Meas		1.0	2.80	7.2			80.2	10.9	0.38	0.2	18.4	40	2240	5.02	8		0.45	37	1.32	819	0.7	0.020	35.5
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 922 (AQUA REGIA) Meas		0.8	2.65	5.9			81.3	10.6	0.36	0.3	18.7	41	1980	4.72	7		0.38	37	1.28	708	0.7	0.022	32.3
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 923 (AQUA REGIA) Meas		2.1	2.61	7.9			54.0	21.4	0.37	0.4	20.8	41	4170	5.97	8		0.35	33	1.39	823	0.9		32.6
OREAS 923 (AQUA REGIA) Cert		1.62	2.80	7.07			54	21.8	0.326	0.40	22.2	39.4	4248	5.91	8.01		0.322	30.0	1.43	850	0.84		32.7
OREAS 923 (AQUA REGIA) Meas		2.1	2.90	7.4			57.0	20.8	0.40	0.5	22.2	43	4220	5.79	8		0.35	33	1.44	869	0.9		32.9
OREAS 923 (AQUA REGIA) Cert		1.62	2.80	7.07			54	21.8	0.326	0.40	22.2	39.4	4248	5.91	8.01		0.322	30.0	1.43	850	0.84		32.7
OREAS 907 (Aqua Regia) Meas		1.3	1.24	36.9	98.3		262	23.1	0.26	0.6	44.0	10	6430	8.25	16		0.34	38	0.18	345	5.5	0.086	5.6
OREAS 907 (Aqua Regia) Cert		1.30	0.945	37.0	101		225	22.3	0.280	0.540	43.7	8.59	6370	8.18	14.7		0.286	36.1	0.221	330	5.64	0.0860	4.74
OREAS 907 (Aqua Regia) Meas		1.3	1.12	37.7	88.1		263	23.2	0.25	0.6	42.4	9	6750	8.24	16		0.36	37	0.16	322	5.5	0.082	5.0
OREAS 907 (Aqua Regia) Cert		1.30	0.945	37.0	101		225	22.3	0.280	0.540	43.7	8.59	6370	8.18	14.7		0.286	36.1	0.221	330	5.64	0.0860	4.74
Oreas 621 (Aqua		62.5	1.57	75.2	> 1000			4.0	1.66	266.5	29.0	31	3390	3.44	10	3.75	0.32	18	0.42	504	13.6	0.178	25.2

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Regia) Meas																							
Oreas 621 (Aqua Regia) Cert		68.0	1.60	75.0	1230			3.85	1.65	278	27.9	31.3	3660	3.43	9.29	3.93	0.333	19.4	0.436	520	13.3	0.160	25.8
OREAS 239 (Fire Assay) Meas	3470																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3400																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3570																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3660																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 263 (Aqua Regia) Meas		0.3	1.82	29.2			197	0.6	0.93	0.2	28.0	50	84.4	3.49	4	> 50.0	0.32		0.52	458	0.5	0.077	62.7
OREAS 263 (Aqua Regia) Cert		0.285	1.29	30.8			175	0.570	1.03	0.270	31.0	48.0	87.0	3.68	4.92	0.170	0.288		0.593	490	0.570	0.0790	72.0
OREAS 263 (Aqua Regia) Meas		0.3	1.79	29.9			210	0.6	0.97	0.3	28.1	50	79.5	3.39	4	0.17	0.35		0.58	483	0.5	0.069	66.8
OREAS 263 (Aqua Regia) Cert		0.285	1.29	30.8			175	0.570	1.03	0.270	31.0	48.0	87.0	3.68	4.92	0.170	0.288		0.593	490	0.570	0.0790	72.0
OREAS 263 (Aqua Regia) Meas		0.3	1.84	29.3			197	0.6	1.01	0.3	29.2	52	94.4	3.41	3	0.17	0.34		0.58	474	0.6	0.068	69.0
OREAS 263 (Aqua Regia) Cert		0.285	1.29	30.8			175	0.570	1.03	0.270	31.0	48.0	87.0	3.68	4.92	0.170	0.288		0.593	490	0.570	0.0790	72.0
OREAS 130 (Aqua Regia) Meas		6.0	1.23	200				3.0	1.62	30.4	26.4	27	231	7.04	4	> 50.0	0.48	24	0.84	1560	8.5		34.6
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
OREAS 130 (Aqua Regia) Meas		5.8	1.15	200				3.0	1.67	28.0	23.6	23	200	6.69	5	0.63	0.54	23	0.89	1590	7.9		32.3
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
OREAS 130 (Aqua Regia) Meas		6.1	1.08	203				3.2	1.61	31.8	26.0	24	239	7.26	5	0.69	0.49	24	0.91	1560	8.3		34.0
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
OREAS 130 (Aqua Regia) Meas		5.9	1.20	187				3.1	1.67	29.5	28.3	25	252	6.94	5	0.64	0.49	23	0.94	1590	8.1		35.0
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
OREAS 153b (Aqua Regia) Meas		1.4	2.57	77.7	306		26.4	1.7	1.22	0.2	14.6	17	7110	3.56	8	0.07	0.42	4	1.58	269	157	0.164	11.0
OREAS 153b (Aqua Regia) Cert		1.40	2.28	80.0	320		22.8	1.81	1.32	0.240	14.9	16.2	6700	3.60	8.06	0.0660	0.365	3.79	1.47	240	156	0.148	11.1

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas 623 (Aqua Regia) Meas		18.9	1.83	77.0	869			16.8	1.04	53.2	209	18	> 10000	12.4	12	> 50.0	0.17	17	1.01	556	9.6	0.071	13.6
Oreas 623 (Aqua Regia) Cert		20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6
Oreas 623 (Aqua Regia) Meas		20.0	1.87	80.1	880			17.1	1.10	55.1	215	18	> 10000	12.6	12	> 50.0	0.18	17	1.01	565	9.8	0.079	14.8
Oreas 623 (Aqua Regia) Cert		20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6
Oreas 623 (Aqua Regia) Meas		20.4	1.83	79.0	865			18.3	1.06	52.7	218	20	> 10000	13.1	14	0.78	0.17	18	1.07	594	9.7	0.071	16.3
Oreas 623 (Aqua Regia) Cert		20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6
Oreas E1336 (Fire Assay) Meas	502																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	510																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 521 (Aqua Regia) Meas		0.8	1.25	322	386			6.0	3.57		420	31	5740	19.5	13		0.43	122	0.94	3120	139	0.040	65.9
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.1	3000	133	0.045	68.0
OREAS 521 (Aqua Regia) Meas		0.8	1.40	312	366			6.0	3.64		363	33	5550	20.0	13		0.45	104	1.06	3170	134	0.048	66.4
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.10	3000	133	0.045	68.0
16700E 19000N Orig		0.3	4.14	4.6	3.3	< 20	55.3	< 0.1	0.24	< 0.1	7.5	28	46.4	3.80	8	0.14	0.05	8	0.47	271	1.1	0.020	10.3
16700E 19000N Dup		0.3	4.26	4.7	4.6	< 20	55.3	0.2	0.25	< 0.1	7.4	28	68.8	3.62	8	0.14	0.05	9	0.48	271	1.2	0.021	10.9
16700E 19100N Orig	< 2																						
16700E 19100N Dup	< 2																						
16750E 18850N Orig	4																						
16750E 18850N Dup	3																						
16750E 19250N Orig		0.2	3.68	3.9	< 0.5	< 20	34.4	0.1	0.31	< 0.1	6.5	37	39.6	4.34	13	0.16	0.07	8	0.49	238	1.3	0.021	10.0
16750E 19250N Dup		0.2	3.52	3.5	17.5	< 20	36.8	0.1	0.30	< 0.1	6.3	36	38.1	4.25	12	0.19	0.06	9	0.48	228	1.2	0.021	10.2
16800E 19000N Orig	4																						
16800E 19000N Dup	4																						
16850E 18800N Orig		< 0.1	1.13	0.8	< 0.5	< 20	33.4	< 0.1	0.29	< 0.1	7.8	330	0.3	4.42	8	0.09	0.03	6	0.53	161	2.1	0.022	37.2
16850E 18800N Dup		< 0.1	1.12	0.6	< 0.5	< 20	33.9	< 0.1	0.32	< 0.1	7.9	344	0.2	5.00	9	0.08	0.03	7	0.56	171	2.3	0.023	38.2
16850E 18900N Orig	4																						
16850E 18900N Dup	4																						
16850E 19300N	< 2																						

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Orig																							
16850E 19300N Dup	< 2																						
16900E 19150N Orig		0.1	3.30	3.4	< 0.5	< 20	127	< 0.1	0.67	0.1	19.5	29	73.7	4.09	8	0.09	0.10	18	1.15	1130	1.1	0.032	17.4
16900E 19150N Dup		0.1	3.20	3.5	< 0.5	< 20	119	< 0.1	0.66	0.1	19.3	28	71.4	3.94	7	0.14	0.09	18	1.11	1090	1.0	0.031	17.4
16950E 18800N Orig	5																						
16950E 18800N Dup	4																						
16950E 19150N Orig		0.1	4.14	9.6	2.9	< 20	81.6	0.1	0.34	< 0.1	10.7	34	99.4	3.82	9	0.16	0.06	11	0.83	353	3.7	0.023	15.1
16950E 19150N Dup		0.1	4.10	2.7	< 0.5	< 20	83.5	0.1	0.32	< 0.1	9.9	33	101	3.65	9	0.17	0.05	11	0.79	345	3.8	0.022	14.2
16950E 19350N Orig	2																						
16950E 19350N Dup	6																						
17000E 19050N Orig		0.3	4.79	2.4	1.7	< 20	35.4	< 0.1	0.26	< 0.1	5.2	33	36.0	3.69	13	0.22	0.03	8	0.40	230	1.5	0.017	7.4
17000E 19050N Dup		0.3	4.67	2.3	< 0.5	< 20	36.6	< 0.1	0.25	< 0.1	5.4	33	36.3	3.82	13	0.23	0.03	8	0.40	239	1.6	0.016	7.3
17000E 19100N Orig	11																						
17000E 19100N Dup	4																						
17050E 19050N Orig		0.1	3.24	1.8	< 0.5	< 20	99.2	0.2	0.31	< 0.1	6.5	22	44.2	3.20	13	0.06	0.06	9	0.46	293	8.9	0.018	8.9
17050E 19050N Dup		0.1	3.21	1.7	< 0.5	< 20	101	0.1	0.31	< 0.1	6.4	23	44.1	3.36	13	0.06	0.06	10	0.46	300	8.8	0.018	9.1
17050E 19300N Orig	< 2																						
17050E 19300N Dup	< 2																						
17100E 19150N Orig	3																						
17100E 19150N Dup	< 2																						
17100E 19200N Orig		< 0.1	3.17	1.9	< 0.5	< 20	72.6	0.2	0.35	< 0.1	7.6	27	51.2	3.00	11	0.03	0.05	6	0.48	256	3.8	0.019	12.9
17100E 19200N Dup		< 0.1	3.26	1.9	< 0.5	< 20	70.5	0.2	0.35	< 0.1	8.0	27	52.6	3.11	11	0.05	0.05	6	0.50	259	4.0	0.019	12.8
17150E 18900N Orig	4																						
17150E 18900N Dup	3																						
17150E 19200N Orig		< 0.1	1.65	1.5	< 0.5	< 20	39.0	0.1	0.40	< 0.1	3.8	16	7.3	1.96	8	0.04	0.03	6	0.29	225	7.5	0.020	5.6
17150E 19200N Dup		< 0.1	1.53	1.3	< 0.5	< 20	35.9	0.1	0.36	< 0.1	3.7	16	7.9	1.97	8	0.04	0.03	6	0.27	233	7.3	0.019	5.7
Method Blank	< 2																						
Method Blank	< 2																						
Method Blank	< 2																						
Method Blank	< 2																						
Method Blank	< 2																						
Method Blank	< 2																						

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Blank	< 2																						
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	3.0	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.09	< 0.01	< 1	< 0.01	< 1	< 0.1	0.008	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	4.2	< 20	2.3	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	< 0.1
Method Blank		< 0.1	< 0.01	0.8	< 0.5	< 20	2.6	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.006	< 0.1
Method Blank		< 0.1	< 0.01	0.7	2.5	< 20	3.5	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	< 0.1
Method Blank		< 0.1	< 0.01	0.7	1.1	< 20	4.0	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.02	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	< 0.1
Method Blank		< 0.1	< 0.01	0.8	< 0.5	< 20	2.6	< 0.1	< 0.01	< 0.1	< 0.1	1	< 0.2	< 0.01	< 1	7.80	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	0.7
Method Blank		< 0.1	< 0.01	0.8	< 0.5	< 20	3.5	< 0.1	< 0.01	< 0.1	< 0.1	1	< 0.2	< 0.01	< 1	2.51	< 0.01	< 1	< 0.01	< 1	< 0.1	0.009	< 0.1

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas	0.034	17.6	< 1		42.1		13		10.7			180		36
OREAS 45d (Aqua Regia) Cert	0.035	17.00	0.045		41.50		11.0		11.3			201.0		30.6
OREAS 45d (Aqua Regia) Meas	0.034	17.9	< 1		43.7		12		11.2			216		33
OREAS 45d (Aqua Regia) Cert	0.035	17.00	0.045		41.50		11.0		11.3			201.0		30.6
OREAS 45d (Aqua Regia) Meas	0.032	18.1	< 1		41.4		12		10.6			180		39
OREAS 45d (Aqua Regia) Cert	0.035	17.00	0.045		41.50		11.0		11.3			201.0		30.6
OREAS 45d (Aqua Regia) Meas	0.034	18.9	< 1		39.7		13		10.5			158		38
OREAS 45d (Aqua Regia) Cert	0.035	17.00	0.045		41.50		11.0		11.3			201.0		30.6
OREAS 922 (AQUA REGIA) Meas	0.063	61.2	< 1	0.7	3.7	2.1	15		15.1		0.2	30	1.1	242
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256
OREAS 922 (AQUA REGIA) Meas	0.065	61.7	< 1	0.5	3.8	3.2	15		16.0		0.2	30	1.1	251
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256
OREAS 922 (AQUA REGIA) Meas	0.061	63.3	< 1	0.6	3.3	2.6	15		14.6		0.2	29	1.1	259
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256
OREAS 923 (AQUA REGIA) Meas	0.058	77.1	< 1	0.7	3.7	4.7	13		15.0		0.2	31	2.5	311
OREAS 923 (AQUA REGIA) Cert	0.061	81	0.684	0.58	3.09	5.99	13.6		14.3		0.12	30.6	1.96	335
OREAS 923 (AQUA REGIA) Meas	0.061	80.6	< 1	0.6	3.5	5.6	14		14.1		0.1	31	2.5	341
OREAS 923 (AQUA REGIA) Cert	0.061	81	0.684	0.58	3.09	5.99	13.6		14.3		0.12	30.6	1.96	335
OREAS 907 (Aqua Regia) Meas	0.022	35.6	< 1	2.1	2.5	10.2	13	0.3	8.8	0.021	0.1	5	0.7	142
OREAS 907 (Aqua Regia) Cert	0.0240	34.1	0.0660	2.28	2.16	9.05	11.7	0.230	8.04	0.0170	0.120	5.12	0.980	139
OREAS 907 (Aqua Regia) Meas	0.021	35.0	< 1	2.2	2.6	9.7	12	0.3	8.9	0.020	0.1	5	0.7	144
OREAS 907 (Aqua Regia) Cert	0.0240	34.1	0.0660	2.28	2.16	9.05	11.7	0.230	8.04	0.0170	0.120	5.12	0.980	139
Oreas 621 (Aqua	0.029	> 5000	4	82.2	2.4	3.8	15		5.0		0.8	11	0.8	> 5000

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Regia) Meas														
Oreas 621 (Aqua Regia) Cert	0.0335	13600	4.50	107	2.20	5.64	18.9		5.91		0.770	10.9	1.00	51700
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 263 (Aqua Regia) Meas	0.039	35.9	< 1	6.9	3.6		16	< 0.2	10.8		0.6	24		118
OREAS 263 (Aqua Regia) Cert	0.0410	34.0	0.126	7.37	3.52		16.9	0.210	10.6		0.530	22.8		127
OREAS 263 (Aqua Regia) Meas	0.042	35.5	< 1	6.9	3.9		17	0.2	11.4		0.6	25		122
OREAS 263 (Aqua Regia) Cert	0.0410	34.0	0.126	7.37	3.52		16.9	0.210	10.6		0.530	22.8		127
OREAS 263 (Aqua Regia) Meas	0.042	38.1	< 1	7.8	3.6		18	< 0.2	11.2		0.5	25		140
OREAS 263 (Aqua Regia) Cert	0.0410	34.0	0.126	7.37	3.52		16.9	0.210	10.6		0.530	22.8		127
OREAS 130 (Aqua Regia) Meas	0.089	1320	6	4.8	3.4		18	< 0.2	9.2	0.026	4.4	34	1.2	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
OREAS 130 (Aqua Regia) Meas	0.089	1410	6	4.2	3.5		18	< 0.2	9.8	0.030	4.5	34	1.3	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
OREAS 130 (Aqua Regia) Meas	0.083	1200	6	4.9	3.7		18	< 0.2	9.7	0.029	4.8	35	1.8	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
OREAS 130 (Aqua Regia) Meas	0.088	1130	6	4.3	3.4		19	< 0.2	9.4	0.030	4.6	35	1.5	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
OREAS 153b (Aqua Regia) Meas	0.050	13.0	1	1.7	10.5	11.3	32	0.3	0.3	0.049	< 0.1	177		117
OREAS 153b (Aqua Regia) Cert	0.0470	12.4	1.27	2.12	9.98	10.5	31.4	0.250	0.350	0.0500	0.0640	153		118

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas 623 (Aqua Regia) Meas	0.043	2430	10	22.6	4.9	18.6	12	0.5	4.6		0.3	16	2.4	> 5000
Oreas 623 (Aqua Regia) Cert	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		0.260	15.8	2.62	10100
Oreas 623 (Aqua Regia) Meas	0.045	2470	10	20.8	5.2	20.3	12	0.5	4.6		0.3	16	2.5	> 5000
Oreas 623 (Aqua Regia) Cert	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		0.260	15.8	2.62	10100
Oreas 623 (Aqua Regia) Meas	0.045	2160	9	19.0	4.7	23.4	14	0.6	4.9		0.3	16	2.6	> 5000
Oreas 623 (Aqua Regia) Cert	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		0.260	15.8	2.62	10100
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
OREAS 521 (Aqua Regia) Meas	0.077	8.9	2	4.3	9.8	2.0	35	0.9	6.8	0.147	0.1	211	73.9	24
OREAS 521 (Aqua Regia) Cert	0.081	9.0	2	3.6	10	2.4	54	0.7	7.8	0.141	0.1	200	71.0	24
OREAS 521 (Aqua Regia) Meas	0.081	9.3	2	3.8	9.2	1.4	35	0.7	6.1	0.137	0.1	184	69.4	28
OREAS 521 (Aqua Regia) Cert	0.081	9.0	2	3.6	10	2.4	54	0.7	7.8	0.141	0.1	200	71.0	24
16700E 19000N Orig	0.106	3.7	< 1	0.1	6.4	0.6	18	< 0.2	3.1	0.095	< 0.1	81	1.0	39
16700E 19000N Dup	0.104	4.1	< 1	0.2	6.1	0.7	18	< 0.2	3.2	0.102	< 0.1	78	1.2	40
16700E 19100N Orig														
16700E 19100N Dup														
16750E 18850N Orig														
16750E 18850N Dup														
16750E 19250N Orig	0.150	4.9	< 1	0.2	5.2	< 0.5	27	< 0.2	3.0	0.156	< 0.1	114	0.3	41
16750E 19250N Dup	0.145	4.8	< 1	0.2	5.1	< 0.5	26	< 0.2	2.7	0.142	< 0.1	112	0.2	39
16800E 19000N Orig														
16800E 19000N Dup														
16850E 18800N Orig	0.018	2.5	< 1	0.2	6.3	< 0.5	15	< 0.2	1.1	0.258	< 0.1	117	0.1	28
16850E 18800N Dup	0.019	2.5	< 1	0.2	6.7	< 0.5	16	< 0.2	1.1	0.270	< 0.1	120	< 0.1	29
16850E 18900N Orig														
16850E 18900N Dup														
16850E 19300N														

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Orig														
16850E 19300N Dup														
16900E 19150N Orig	0.106	4.0	< 1	0.2	7.8	< 0.5	52	< 0.2	2.2	0.132	< 0.1	106	0.4	64
16900E 19150N Dup	0.103	3.8	< 1	0.1	7.5	< 0.5	49	< 0.2	2.0	0.129	< 0.1	102	0.3	63
16950E 18800N Orig														
16950E 18800N Dup														
16950E 19150N Orig	0.072	4.7	< 1	0.1	6.5	< 0.5	36	< 0.2	4.6	0.126	< 0.1	88	0.5	44
16950E 19150N Dup	0.073	4.7	< 1	0.1	6.2	< 0.5	36	< 0.2	4.5	0.121	< 0.1	85	0.9	41
16950E 19350N Orig														
16950E 19350N Dup														
17000E 19050N Orig	0.172	4.4	< 1	< 0.1	5.7	< 0.5	26	< 0.2	3.3	0.097	< 0.1	99	0.2	35
17000E 19050N Dup	0.171	4.5	< 1	< 0.1	5.7	< 0.5	26	< 0.2	2.9	0.091	< 0.1	97	0.2	42
17000E 19100N Orig														
17000E 19100N Dup														
17050E 19050N Orig	0.039	5.7	< 1	0.1	3.8	< 0.5	39	< 0.2	2.1	0.097	< 0.1	83	0.2	38
17050E 19050N Dup	0.038	5.6	< 1	0.1	4.0	< 0.5	42	< 0.2	2.1	0.098	< 0.1	85	0.2	37
17050E 19300N Orig														
17050E 19300N Dup														
17100E 19150N Orig														
17100E 19150N Dup														
17100E 19200N Orig	0.037	4.7	< 1	0.2	3.8	< 0.5	35	< 0.2	2.0	0.132	< 0.1	73	0.6	35
17100E 19200N Dup	0.037	4.8	< 1	0.1	3.8	< 0.5	34	< 0.2	2.1	0.126	< 0.1	75	0.6	36
17150E 18900N Orig														
17150E 18900N Dup														
17150E 19200N Orig	0.015	3.7	< 1	0.2	3.1	< 0.5	35	< 0.2	1.1	0.128	< 0.1	65	0.2	18
17150E 19200N Dup	0.015	3.6	< 1	0.2	3.3	< 0.5	35	< 0.2	1.1	0.118	< 0.1	64	0.1	18
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Blank														
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	0.4	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	0.3	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1



Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

Report No.: A21-11218
Report Date: 25-Aug-21
Date Submitted: 17-Jun-21
Your Reference: W-21

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

329 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-ICP Kamloops	QOP PGE-OES (Au-Fire Assay ICPOES 30g)	2021-07-07 00:56:35

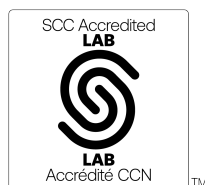
REPORT A21-11218

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

Footnote: Samples without Au reported had insufficient material for analysis.



LabID: 790

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
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E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Rio Minerals Ltd
1158-409 Granville Street
Vancouver BC V6C 1T2
Canada

Report No.: A21-11218
Report Date: 25-Aug-21
Date Submitted: 17-Jun-21
Your Reference: W-21

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

329 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2021-08-03 14:14:29

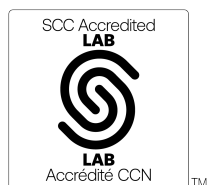
REPORT A21-11218

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

Footnote: Samples without Au reported had insufficient material for analysis.



LabID: 266

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-11218

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18250E 17400N	< 6	0.3	2.59	7.6	< 0.5	< 20	39.6	0.2	0.26	< 0.1	4.9	33	17.7	4.92	13	0.11	0.03	6	0.48	168	0.8	0.017	7.3
18250E 17425N	< 6	0.3	1.85	2.6	< 0.5	< 20	61.0	0.1	0.48	< 0.1	5.8	20	16.1	1.83	9	0.07	0.03	9	0.46	188	1.0	0.020	7.5
18250E 17450N	11	0.1	2.00	4.0	< 0.5	< 20	57.3	< 0.1	0.62	0.1	30.6	25	20.0	2.85	6	0.05	0.04	9	0.68	1400	0.8	0.024	13.3
18250E 17475N	< 6	< 0.1	1.07	3.4	1.4	< 20	26.2	0.1	0.44	< 0.1	2.4	17	7.9	1.81	7	0.03	0.03	8	0.11	127	0.3	0.019	3.0
18250E 17500N	< 6	0.2	3.37	2.5	1.0	< 20	83.6	0.1	0.62	0.3	38.3	33	35.0	3.33	8	0.11	0.04	12	0.66	1460	0.9	0.017	18.0
18250E 17525N	< 6	0.1	2.37	2.2	< 0.5	< 20	37.9	< 0.1	0.47	< 0.1	4.9	16	13.3	3.83	12	0.11	0.06	9	0.80	238	0.3	0.029	4.3
18250E 17550N	< 6	0.1	2.40	2.1	< 0.5	< 20	65.8	< 0.1	0.48	0.1	12.3	30	30.9	3.55	8	0.05	0.04	7	0.93	312	0.5	0.018	14.3
18250E 17575N	7	< 0.1	1.84	2.8	14.3	< 20	32.9	< 0.1	0.28	0.1	3.1	24	10.8	3.77	10	0.18	0.02	5	0.27	105	0.4	0.017	4.4
18250E 17600N	18	< 0.1	2.40	10.3	3.8	< 20	93.3	< 0.1	0.84	0.2	15.3	28	63.4	3.45	6	0.08	0.05	11	1.01	1010	0.7	0.020	15.3
18250E 17625N	12	0.2	3.28	33.4	< 0.5	< 20	170	< 0.1	0.54	0.2	17.8	27	54.9	3.78	7	0.06	0.05	18	0.98	947	0.8	0.023	16.7
18250E 17650N	< 6	< 0.1	0.95	1.2	5.3	< 20	25.2	< 0.1	0.30	< 0.1	2.5	17	6.3	1.91	8	0.04	0.02	6	0.14	118	0.3	0.018	2.6
18250E 17675N	< 6	0.2	4.03	6.0	< 0.5	< 20	29.1	0.1	0.21	< 0.1	5.4	38	32.9	6.85	17	0.27	0.03	7	0.51	153	0.5	0.026	7.0
18250E 17700N	< 6	0.1	2.16	2.7	< 0.5	< 20	29.0	0.1	0.33	< 0.1	3.3	20	12.0	2.99	13	0.14	0.02	9	0.29	156	0.4	0.018	4.8
18250E 17725N	< 6	0.2	2.42	5.3	0.6	< 20	26.4	0.1	0.36	< 0.1	6.0	22	41.2	3.05	7	0.18	0.03	5	0.48	174	0.5	0.022	8.2
18250E 17750N	< 6	< 0.1	1.13	1.2	1.1	< 20	21.1	0.1	0.21	< 0.1	2.6	27	4.1	2.84	10	0.05	0.02	6	0.14	108	0.4	0.014	3.6
18250E 17775N	10	0.3	1.69	1.2	< 0.5	< 20	77.0	< 0.1	1.58	0.3	2.3	7	31.6	0.39	< 1	0.17	0.02	20	0.05	93	0.4	0.018	5.0
18250E 17800N	3	< 0.1	0.08	1.0	< 0.5	< 20	19.8	< 0.1	0.40	0.1	0.3	3	3.0	0.07	< 1	0.08	0.03	< 1	0.06	14	< 0.1	0.019	1.2
18250E 17825N	< 6	0.7	5.69	6.8	< 0.5	< 20	32.2	0.1	0.15	< 0.1	4.7	36	57.8	5.33	13	0.38	0.04	8	0.45	167	1.1	0.016	7.0
18250E 17850N	< 6	0.1	2.23	6.1	3.2	< 20	76.6	0.1	0.31	0.2	5.0	23	15.4	3.84	10	0.04	0.04	8	0.46	232	0.9	0.017	7.1
18250E 17875N	3	0.7	0.10	1.9	0.6	< 20	37.2	< 0.1	0.84	0.3	0.4	3	4.1	0.10	< 1	0.15	0.04	< 1	0.05	235	0.2	0.020	1.2
18250E 17900N		0.1	0.26	1.1	1.4	< 20	83.0	< 0.1	1.60	1.9	3.8	3	9.1	0.16	< 1	0.13	0.02	7	0.06	117	0.2	0.017	4.3
18250E 17925N		0.2	2.39	1.2	< 0.5	< 20	46.2	< 0.1	0.33	0.2	1.7	7	14.9	0.34	< 1	0.28	0.02	15	0.03	132	0.6	0.019	3.5
18250E 17950N	< 6	0.1	3.02	4.7	0.8	< 20	61.5	0.1	0.27	0.2	27.3	22	58.8	4.23	8	0.08	0.04	14	0.63	870	8.1	0.017	12.6
18250E 17975N	< 6	0.3	5.59	4.4	< 0.5	< 20	52.7	0.1	0.22	0.3	32.8	22	37.7	4.68	8	0.24	0.03	13	0.20	613	6.7	0.018	8.2
18250E 18000N	< 6	0.1	3.92	4.9	5.8	< 20	55.8	0.1	0.31	0.3	11.2	24	32.8	3.61	10	0.17	0.03	14	0.54	353	9.2	0.019	11.2
18250E 18025N	< 6	< 0.1	3.42	3.6	< 0.5	< 20	50.6	0.2	0.25	0.1	6.4	31	23.9	5.20	14	0.13	0.03	8	0.49	251	2.5	0.018	9.3
18250E 18050N	< 6	0.1	2.46	1.4	< 0.5	< 20	34.1	0.1	0.33	< 0.1	5.0	31	20.1	3.67	8	0.11	0.03	8	0.40	203	0.9	0.020	6.6
18250E 18075N	< 6	0.1	4.72	2.5	< 0.5	< 20	61.4	0.2	0.21	0.2	45.3	20	29.7	4.34	11	0.08	0.03	8	0.27	775	5.1	0.019	8.7
18250E 18100N	< 6	< 0.1	2.63	3.3	0.7	< 20	48.3	0.1	0.30	< 0.1	7.7	25	28.4	4.50	12	0.12	0.03	8	0.64	272	5.8	0.020	9.0
18250E 18125N	< 6	< 0.1	1.35	1.9	< 0.5	< 20	34.5	< 0.1	0.26	< 0.1	2.7	18	10.4	2.55	7	0.05	0.02	5	0.20	131	1.7	0.017	3.7
18250E 18150N	< 6	< 0.1	1.93	3.0	1.5	< 20	36.2	0.2	0.33	< 0.1	5.8	19	27.2	3.29	10	0.08	0.03	7	0.38	214	3.5	0.017	7.0
18250E 18175N	< 6	< 0.1	2.67	2.2	< 0.5	< 20	49.3	0.1	0.31	< 0.1	6.0	20	36.3	3.17	10	0.06	0.04	9	0.54	200	6.0	0.018	8.0
18250E 18200N	< 6	< 0.1	2.41	1.2	< 0.5	< 20	23.8	0.1	0.19	< 0.1	2.4	21	24.3	3.14	11	0.33	0.02	7	0.16	114	5.0	0.014	3.6
18300E 17400N	50	< 0.1	2.21	12.6	< 0.5	< 20	58.5	< 0.1	0.72	< 0.1	18.3	25	23.0	3.16	7	0.04	0.04	8	1.10	547	1.0	0.021	15.7
18300E 17425N	118	0.3	2.98	10.3	< 0.5	< 20	38.7	0.1	0.29	0.1	15.5	71	39.5	4.11	10	0.18	0.03	7	0.67	489	1.2	0.019	13.7
18300E 17450N	14	0.4	3.33	13.6	< 0.5	< 20	29.3	0.2	0.29	< 0.1	6.7	30	38.2	5.20	11	0.14	0.03	6	0.79	214	0.5	0.014	7.9
18300E 17475N	< 6	0.9	3.48	7.4	1.5	< 20	36.3	< 0.1	0.27	0.2	4.5	33	31.7	4.21	11	0.21	0.04	8	0.56	158	0.7	0.021	7.7
18300E 17500N	< 6	0.3	4.30	6.4	< 0.5	< 20	99.4	0.1	0.38	0.2	18.0	30	44.5	3.97	8	0.07	0.03	10	0.52	376	0.7	0.018	13.5
18300E 17525N	< 6	0.2	3.57	4.4	< 0.5	< 20	98.1	< 0.1	0.75	0.2	20.3	30	42.1	2.98	8	0.10	0.05	13	0.75	1120	0.9	0.019	16.5
18300E 17550N	18	0.4	4.03	3.3	< 0.5	< 20	104	0.1	0.54	0.2	14.5	32	29.8	3.89	7	0.07	0.05	12	0.92	390	0.8	0.022	16.5
18300E 17575N	< 6	< 0.1	2.74	4.7	< 0.5	< 20	72.8	< 0.1	0.91	0.1	16.5	35	58.3	3.66	6	0.07	0.05	12	1.17	884	0.6	0.034	16.8
18300E 17600N	7	0.1	2.97	29.4	5.6	< 20	123	< 0.1	0.76	0.1	15.8	27	43.6	4.17	7	0.06	0.06	14	0.99	494	0.8	0.026	14.7
18300E 17625N	8	0.1	2.96	23.2	10.6	< 20	135	< 0.1	1.18	0.3	18.5	27	62.6	3.71	6	0.10	0.06	15	0.97	1670	0.7	0.027	15.9
18300E 17650N	< 6	< 0.1	3.01	12.5	13.4	< 20	97.3	< 0.1	0.71	0.2	18.7	29	55.4	4.17	8	0.07	0.07	13	1.05	1130	0.7	0.029	15.2
18300E 17675N	< 6	< 0.1	1.76	1.1	0.9	< 20	47.9	0.1	0.53	0.2	7.3	21	15.6	3.39	9	0.05	0.03	8	0.69	226	0.5	0.018	8.7
18300E 17700N	< 6	< 0.1	1.30	1.2	4.3	< 20	24.7	< 0.1	0.37	0.2	4.2	29	12.1	2.81	9	0.03	0.02	6	0.37	125	0.6	0.018	7.1
18300E 17725N	< 6	0.3	3.72	6.4	< 0.5	< 20	30.5	0.1	0.31	< 0.1	7.7	56	24.0	5.45	10	0.16	0.03	6	0.76	227	0.6	0.014	14.7
18300E 17750N	< 6	0.2	4.43	4.4	< 0.5	< 20	23.7	< 0.1	0.37	< 0.1	9.4	32	59.6	3.77	8	0.13	0.02	6	0.91	262	0.6	0.019	11.3
18300E 17775N	< 6	< 0.1	2.03	2.1	< 0.5	< 20	28.5	0.1	0.39	< 0.1	4.9	14	10.5	3.27	12	0.05	0.02	8	0.54	164	0.2	0.015	4.5
18300E 17800N	< 6	0.2	2.79	2.1	1.8	< 20	23.3	0.1	0.23	< 0.1	2.9	15	10.5	3.31	15	0.12	0.03	9	0.39	134	0.5	0.010	4.0
18300E 17825N	< 6	< 0.1	1.14	0.7	< 0.5	< 20	18.9	< 0.1	0.05	< 0.1	0.4	4	2.5	0.52	10	0.03	0.03	3	0.07	118	0.4	0.013	0.7

Results

Activation Laboratories Ltd.

Report: A21-11218

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18300E 17850N	< 6	< 0.1	1.42	0.9	1.4	< 20	21.4	0.1	0.05	< 0.1	0.9	8	4.8	1.18	12	0.03	0.04	3	0.13	131	0.7	0.013	1.4
18300E 17875N	< 6	0.1	1.79	0.7	1.0	< 20	46.7	< 0.1	0.28	0.1	2.1	18	9.6	0.73	12	0.04	0.04	6	0.21	132	0.5	0.021	3.1
18300E 17900N	< 6	< 0.1	0.94	1.1	2.0	< 20	40.7	< 0.1	0.18	< 0.1	1.0	7	4.5	0.92	10	0.04	0.02	5	0.09	160	1.8	0.016	1.6
18300E 17925N	< 6	< 0.1	1.48	1.2	< 0.5	< 20	43.7	0.1	0.37	< 0.1	5.7	17	10.1	2.51	8	0.03	0.03	9	0.46	225	3.2	0.018	6.7
18300E 17950N	6	< 0.1	0.71	1.0	< 0.5	< 20	23.4	< 0.1	0.32	< 0.1	1.6	13	3.4	1.25	5	0.02	0.03	6	0.12	127	0.6	0.019	2.4
18300E 17975N	< 6	< 0.1	0.55	< 0.5	< 0.5	< 20	23.4	< 0.1	0.13	< 0.1	0.4	4	1.0	0.31	6	0.01	0.02	5	0.06	91	0.7	0.013	0.6
18300E 18000N	< 6	< 0.1	0.70	2.6	< 0.5	< 20	31.7	0.1	0.18	< 0.1	1.4	12	5.9	1.50	11	0.03	0.03	5	0.09	83	1.1	0.016	1.6
18300E 18025N	6	< 0.1	3.63	3.1	< 0.5	< 20	35.0	0.1	0.19	< 0.1	3.8	30	19.8	4.84	12	0.07	0.03	5	0.31	135	3.9	0.016	5.6
18300E 18050N		0.1	3.37	1.7	< 0.5	< 20	39.7	< 0.1	0.13	0.1	1.9	6	43.6	0.60	1	0.20	0.02	26	0.02	48	0.9	0.018	3.2
18300E 18075N	< 6	< 0.1	3.11	3.2	< 0.5	< 20	29.0	0.1	0.18	< 0.1	4.0	25	21.4	4.76	12	0.15	0.03	5	0.32	149	3.9	0.018	5.3
18300E 18100N	< 6	< 0.1	4.51	2.2	< 0.5	< 20	36.8	0.1	0.12	0.1	2.8	20	35.3	3.18	8	0.27	0.03	9	0.13	104	11.1	0.016	3.2
18300E 18125N	< 6	< 0.1	2.30	1.5	< 0.5	< 20	45.8	0.1	0.31	< 0.1	7.0	19	26.4	3.38	11	0.06	0.04	8	0.55	255	6.8	0.024	8.8
18300E 18150N	11	< 0.1	1.52	0.9	2.1	< 20	37.3	0.1	0.31	< 0.1	7.5	18	20.4	2.90	9	0.05	0.03	6	0.44	309	5.1	0.019	6.9
18300E 18175N	< 6	0.1	1.58	0.7	< 0.5	< 20	29.4	0.1	0.15	< 0.1	2.8	13	27.1	2.44	9	0.10	0.02	7	0.11	104	4.7	0.013	3.7
18300E 18200N	< 6	0.1	2.20	2.8	4.1	< 20	34.2	0.1	0.20	< 0.1	4.2	19	24.5	3.71	11	0.10	0.03	6	0.27	136	4.0	0.017	5.5
18350E 17400N	< 6	0.1	1.50	12.2	< 0.5	< 20	60.1	< 0.1	0.44	< 0.1	8.0	22	30.4	2.58	5	0.07	0.04	7	0.66	274	0.8	0.027	11.1
18350E 17425N	< 6	0.2	1.45	41.7	< 0.5	< 20	18.8	0.2	0.20	< 0.1	3.4	14	16.7	4.16	12	0.06	0.02	5	0.21	110	0.9	0.010	3.9
18350E 17450N	< 6	0.3	2.89	54.3	1.0	< 20	78.4	0.3	0.37	< 0.1	9.1	30	46.8	5.90	13	0.09	0.04	7	0.76	496	2.0	0.062	10.6
18350E 17475N	< 6	0.5	3.00	51.2	< 0.5	< 20	30.5	0.1	0.14	0.1	5.1	15	51.7	6.04	12	0.32	0.02	6	0.46	259	1.0	0.013	5.7
18350E 17500N	< 6	0.6	2.28	26.6	< 0.5	< 20	76.7	< 0.1	0.53	< 0.1	9.7	23	23.3	3.75	9	0.06	0.04	8	0.62	293	1.0	0.013	10.7
18350E 17525N	13	0.5	2.93	36.3	1.9	< 20	110	0.1	0.54	0.1	13.5	30	49.1	4.15	7	0.09	0.05	9	1.04	399	1.3	0.016	17.1
18350E 17550N	< 6	0.3	2.53	3.9	2.9	< 20	75.0	< 0.1	0.37	0.2	8.3	28	20.7	3.96	10	0.03	0.03	8	0.92	284	0.7	0.017	9.6
18350E 17575N	< 6	< 0.1	1.68	1.8	< 0.5	< 20	47.2	< 0.1	0.50	< 0.1	7.8	27	11.3	3.05	8	0.03	0.04	7	0.68	292	0.4	0.021	8.7
18350E 17600N	< 6	0.9	5.06	10.0	1.0	< 20	33.7	0.1	0.33	0.1	12.4	85	64.2	5.97	12	0.24	0.03	10	1.24	362	0.6	0.024	21.2
18350E 17625N	14	0.1	3.55	20.4	1.9	< 20	107	0.1	0.51	0.1	16.7	26	46.3	4.14	7	0.08	0.08	16	1.01	412	0.9	0.025	14.3
18350E 17650N	6	0.3	3.19	20.1	1.4	< 20	147	< 0.1	1.15	0.2	14.2	25	54.8	3.20	5	0.12	0.04	16	0.94	983	0.8	0.029	13.4
18350E 17675N	< 6	0.3	5.09	11.6	< 0.5	< 20	77.9	0.1	0.36	0.2	14.5	31	87.7	3.40	12	0.11	0.04	16	0.58	276	1.1	0.021	13.4
18350E 17700N	< 6	0.6	2.32	< 0.5	< 0.5	< 20	35.2	< 0.1	0.34	0.2	3.6	13	17.7	0.29	2	0.21	0.02	19	0.10	82	0.4	0.014	4.7
18350E 17725N	6	0.1	3.15	4.1	< 0.5	< 20	28.4	0.1	0.37	< 0.1	5.7	23	13.7	5.09	15	0.20	0.07	8	0.90	200	0.6	0.015	6.0
18350E 17750N	< 6	0.1	3.50	3.7	< 0.5	< 20	32.1	0.1	0.22	< 0.1	4.8	27	29.6	4.61	13	0.19	0.04	7	0.62	208	1.2	0.018	7.1
18350E 17775N	< 6	0.1	3.23	6.7	< 0.5	< 20	28.7	0.2	0.21	< 0.1	3.6	25	19.2	5.52	15	0.21	0.03	7	0.42	162	1.0	0.012	5.2
18350E 17800N	< 6	< 0.1	2.26	6.3	< 0.5	< 20	30.7	0.2	0.23	< 0.1	3.5	20	17.4	3.61	12	0.09	0.04	6	0.40	188	1.0	0.015	5.4
18350E 17825N	< 6	0.1	3.98	15.3	0.6	< 20	31.1	0.1	0.11	< 0.1	3.5	23	34.4	6.59	11	0.14	0.03	4	0.32	184	1.6	0.011	4.6
18350E 17850N	< 6	0.3	3.16	6.0	< 0.5	< 20	32.1	0.2	0.14	< 0.1	3.4	24	26.9	5.18	14	0.13	0.03	5	0.29	196	1.2	0.014	4.8
18350E 17875N		0.2	3.18	6.0	< 0.5	< 20	84.4	0.1	0.47	0.6	36.7	13	18.6	2.86	4	0.19	0.03	17	0.29	2070	5.4	0.019	6.8
18350E 17900N	< 6	< 0.1	1.27	2.0	0.8	< 20	35.7	0.1	0.33	< 0.1	3.1	15	2.9	2.00	8	0.04	0.03	11	0.28	195	1.3	0.016	4.9
18350E 17925N	< 6	< 0.1	1.50	0.8	< 0.5	< 20	44.5	0.2	0.44	< 0.1	5.6	14	12.6	1.66	9	0.04	0.05	9	0.54	335	2.1	0.015	6.6
18350E 17950N	< 6	< 0.1	1.87	1.8	< 0.5	< 20	49.5	0.2	0.29	< 0.1	7.7	17	15.8	1.82	11	0.12	0.07	8	0.51	298	3.7	0.014	9.5
18350E 17975N	< 6	< 0.1	1.20	0.6	171	< 20	23.8	0.1	0.26	< 0.1	1.8	12	1.6	1.73	10	0.02	0.03	6	0.19	144	1.5	0.012	3.1
18350E 18000N	< 6	< 0.1	3.38	3.4	< 0.5	< 20	27.2	0.1	0.18	< 0.1	4.1	32	32.1	4.78	11	0.12	0.03	5	0.32	157	0.9	0.013	6.0
18350E 18025N	< 6	< 0.1	2.28	3.6	0.8	< 20	32.6	0.1	0.15	< 0.1	3.4	23	15.2	4.37	14	0.05	0.03	6	0.34	165	1.1	0.014	4.8
18350E 18050N	< 6	< 0.1	1.96	2.0	0.8	< 20	46.8	0.2	0.16	< 0.1	2.2	12	11.5	1.27	13	0.08	0.03	6	0.27	114	3.7	0.012	4.2
18350E 18075N	< 6	< 0.1	3.72	2.4	1.2	< 20	38.4	0.1	0.25	< 0.1	4.9	28	34.3	4.13	12	0.08	0.03	6	0.34	165	1.6	0.020	8.1
18350E 18100N	18	< 0.1	2.35	4.5	2.1	< 20	47.9	0.1	0.80	0.2	18.3	35	79.8	3.98	6	0.06	0.04	8	1.39	796	2.0	0.023	17.2
18350E 18125N	< 6	< 0.1	2.00	1.4	< 0.5	< 20	39.8	0.1	0.32	< 0.1	7.1	14	19.0	2.06	10	0.06	0.03	7	0.51	223	17.5	0.018	9.7
18350E 18150N	< 6	< 0.1	1.92	2.1	0.7	< 20	41.2	< 0.1	0.33	< 0.1	6.9	13	17.8	1.94	9	0.05	0.03	8	0.46	222	16.1	0.018	9.3
18350E 18175N	< 6	< 0.1	4.06	5.5	< 0.5	< 20	38.9	0.2	0.22	< 0.1	5.1	23	57.5	4.87	12	0.14	0.03	6	0.32	223	20.6	0.017	7.6
18350E 18200N	< 6	< 0.1	0.93	< 0.5	< 0.5	< 20	15.4	< 0.1	0.14	< 0.1	1.5	15	2.1	2.07	7	0.04	< 0.01	4	0.08	114	0.4	0.012	2.0
18400E 17400N	20	0.2	2.91	147	0.8	< 20	26.7	0.1	0.22	< 0.1	7.2	49	43.6	6.29	13	0.14	0.02	4	0.37	170	1.2	0.012	15.0
18400E 17425N	7	0.1	2.64	40.0	2.3	< 20	80.6	0.1	0.58	0.1	13.1	35	37.1	4.40	8	0.07	0.06	7	1.19	418	0.5	0.018	18.7
18400E 17450N	6	0.2	2.64	58.2	1.8	< 20	128	0.1	0.69	0.1	12.4	29	41.5	3.76	8	0.08	0.04	10	0.69	449	0.7	0.015	12.3

Results

Activation Laboratories Ltd.

Report: A21-11218

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18400E 17475N	92	0.2	3.18	56.6	13.2	< 20	66.8	0.1	0.22	0.2	7.3	24	45.5	4.83	10	0.14	0.03	5	0.57	249	0.8	0.014	10.5
18400E 17500N	8	0.2	3.14	31.5	4.1	< 20	135	< 0.1	0.60	0.2	18.5	32	46.6	4.13	6	0.06	0.05	10	1.01	647	0.7	0.017	18.2
18400E 17525N	< 6	0.2	3.51	52.2	31.1	< 20	121	0.1	0.56	0.1	19.7	36	59.6	4.61	10	0.06	0.06	12	0.92	603	1.2	0.020	16.7
18400E 17550N	< 6	0.2	1.84	7.2	3.2	< 20	35.0	< 0.1	0.56	0.2	8.7	27	23.0	4.44	12	0.07	0.02	5	0.69	258	0.4	0.018	10.6
18400E 17575N	< 6	< 0.1	2.36	7.3	2.9	< 20	72.8	< 0.1	0.73	0.2	19.0	35	68.5	3.40	6	0.09	0.04	11	1.22	1430	0.6	0.023	16.1
18400E 17600N	< 6	0.1	1.70	23.6	< 0.5	< 20	51.4	0.2	0.24	0.2	12.8	9	17.9	3.46	11	0.06	0.02	7	0.20	480	1.3	0.012	3.0
18400E 17625N	16	0.2	1.72	4.8	< 0.5	< 20	135	< 0.1	0.59	0.4	5.1	16	43.7	1.30	3	0.11	0.02	15	0.32	127	0.5	0.014	9.6
18400E 17650N	8	< 0.1	1.90	7.3	0.8	< 20	40.2	0.1	0.28	< 0.1	5.0	19	16.0	4.35	11	0.07	0.02	7	0.30	170	1.4	0.011	5.5
18400E 17675N	7	0.2	2.07	7.6	0.7	< 20	28.0	0.2	0.31	0.1	3.5	15	25.5	4.75	12	0.12	0.02	6	0.31	135	0.9	0.014	4.0
18400E 17700N	< 6	< 0.1	4.51	5.6	0.5	< 20	30.6	0.2	0.23	< 0.1	7.1	29	74.8	4.92	13	0.15	0.03	9	0.60	206	1.8	0.015	9.6
18400E 17725N	6	0.2	4.82	9.2	< 0.5	< 20	37.2	0.1	0.24	< 0.1	7.4	35	100	6.13	12	0.31	0.04	6	0.60	323	1.0	0.020	11.7
18400E 17750N	< 6	< 0.1	0.89	2.2	3.3	< 20	20.7	0.2	0.34	< 0.1	1.6	10	12.3	1.47	8	0.05	0.02	6	0.10	232	0.4	0.014	2.2
18400E 17775N	9	0.2	6.13	59.6	1.1	< 20	35.8	0.2	0.18	< 0.1	6.3	33	92.8	5.50	10	0.17	0.04	6	0.58	284	2.4	0.015	9.2
18400E 17800N	< 6	0.2	2.98	6.4	< 0.5	< 20	44.6	< 0.1	0.23	0.1	10.8	14	51.4	1.97	6	0.08	0.03	13	0.28	201	1.4	0.017	5.3
18400E 17825N	< 6	0.1	1.95	2.7	< 0.5	< 20	38.7	0.1	0.23	< 0.1	3.4	19	11.8	3.87	13	0.07	0.02	8	0.31	209	1.1	0.014	5.0
18400E 17850N	8	1.0	5.00	4.7	< 0.5	< 20	20.8	< 0.1	0.06	0.1	1.4	19	192	2.12	3	0.29	0.01	18	0.06	40	4.9	0.012	4.1
18400E 17875N	< 6	< 0.1	1.15	1.2	< 0.5	< 20	19.4	0.1	0.27	< 0.1	2.3	16	3.6	2.52	9	0.04	0.01	8	0.18	115	0.5	0.015	3.4
18400E 17900N	< 6	< 0.1	1.81	4.8	< 0.5	< 20	23.1	0.3	0.17	< 0.1	3.7	20	20.8	5.96	19	0.10	0.03	5	0.31	169	2.6	0.010	5.7
18400E 17925N	< 6	< 0.1	4.32	4.6	< 0.5	< 20	30.5	0.2	0.24	< 0.1	7.1	33	41.8	5.31	14	0.06	0.03	7	0.61	372	2.5	0.015	10.6
18400E 17950N	< 6	< 0.1	2.64	2.4	9.9	< 20	27.9	0.1	0.18	< 0.1	3.3	21	26.7	3.66	11	0.11	0.03	7	0.26	146	2.0	0.015	5.4
18400E 17975N	< 6	< 0.1	1.84	1.2	< 0.5	< 20	34.9	0.1	0.25	< 0.1	3.9	14	20.4	2.73	12	0.07	0.03	7	0.36	199	1.9	0.013	5.4
18400E 18000N	< 6	< 0.1	2.51	4.5	2.0	< 20	32.2	0.1	0.20	< 0.1	3.0	23	19.0	3.15	10	0.10	0.02	5	0.28	132	1.8	0.014	4.4
18400E 18025N	13	< 0.1	3.77	8.6	2.4	< 20	29.0	0.2	0.31	< 0.1	5.4	23	84.9	4.84	15	0.13	0.03	5	0.39	245	1.7	0.015	7.3
18400E 18050N	< 6	< 0.1	2.73	3.6	< 0.5	< 20	32.2	0.1	0.24	< 0.1	4.5	25	27.9	3.52	10	0.08	0.03	5	0.39	191	1.4	0.015	6.3
18400E 18075N	< 6	0.1	3.16	4.6	< 0.5	< 20	41.7	0.1	0.20	< 0.1	5.8	22	34.5	3.64	12	0.13	0.03	8	0.39	191	3.0	0.018	6.4
18400E 18100N	< 6	0.1	3.13	14.2	< 0.5	< 20	43.5	0.2	0.19	< 0.1	4.3	22	34.6	4.16	11	0.11	0.03	6	0.33	205	3.3	0.017	6.1
18400E 18125N	12	< 0.1	3.61	17.1	< 0.5	< 20	55.4	0.3	0.17	< 0.1	6.1	26	43.9	6.23	19	0.10	0.06	7	0.48	217	9.7	0.016	9.6
18400E 18150N	< 6	< 0.1	1.27	3.3	< 0.5	< 20	60.2	0.1	0.12	< 0.1	2.1	11	6.1	1.90	10	0.03	0.05	9	0.22	179	4.6	0.013	3.0
18400E 18175N	< 6	< 0.1	1.76	1.7	0.7	< 20	44.1	0.1	0.28	< 0.1	6.8	14	16.2	2.47	8	0.04	0.03	6	0.35	301	2.1	0.015	6.2
18400E 18200N	< 6	< 0.1	1.21	2.8	< 0.5	< 20	20.8	0.1	0.19	< 0.1	2.2	15	3.6	2.05	11	0.02	0.02	5	0.14	112	0.6	0.010	2.6
18450E 17400N	8	0.2	5.78	256	1.8	< 20	40.7	< 0.1	0.25	< 0.1	7.0	42	63.8	5.77	9	0.17	0.04	6	0.65	240	1.7	0.019	10.7
18450E 17425N	12	0.1	3.50	32.5	13.4	< 20	49.0	< 0.1	0.31	< 0.1	11.0	30	60.1	3.70	8	0.08	0.04	8	0.80	322	0.9	0.022	14.1
18450E 17450N	10	0.2	3.05	36.4	1.5	< 20	53.8	0.1	0.26	0.1	7.1	31	58.8	4.97	13	0.14	0.07	5	0.78	322	1.2	0.014	11.9
18450E 17475N	9	0.3	2.88	54.0	< 0.5	< 20	149	< 0.1	0.90	0.3	20.5	33	56.9	3.39	5	0.09	0.06	11	1.01	1220	0.7	0.021	18.6
18450E 17500N	30	0.2	3.82	69.2	3.3	< 20	188	< 0.1	0.73	0.2	27.2	41	71.2	4.54	6	0.06	0.06	13	1.19	1360	0.8	0.023	24.0
18450E 17525N	12	0.2	3.34	56.1	< 0.5	< 20	148	< 0.1	0.76	0.2	19.7	33	63.0	3.45	6	0.09	0.06	13	1.08	1290	0.6	0.020	21.0
18450E 17550N	8	0.2	3.12	51.1	< 0.5	< 20	149	< 0.1	0.86	0.5	23.7	31	59.0	3.25	5	0.13	0.05	16	0.87	1780	0.7	0.023	16.7
18450E 17575N	48	0.2	3.79	141	1.3	< 20	163	0.1	0.64	0.2	18.7	39	57.5	5.26	10	0.07	0.06	10	1.00	635	1.0	0.020	19.0
18450E 17600N	15	0.2	4.35	53.1	9.2	< 20	105	0.1	0.58	0.2	18.2	34	59.6	4.48	8	0.11	0.05	11	0.87	587	2.1	0.021	12.8
18450E 17625N	< 6	0.6	3.38	22.8	< 0.5	< 20	64.4	< 0.1	0.27	< 0.1	6.5	13	91.0	5.44	9	0.18	0.04	4	0.49	438	0.8	0.015	6.4
18450E 17650N	8	0.1	4.06	73.7	< 0.5	< 20	55.3	0.1	0.35	0.1	9.1	30	102	5.14	10	0.11	0.04	9	0.73	336	1.9	0.025	11.5
18450E 17675N	15	0.4	5.21	13.4	< 0.5	< 20	29.8	0.1	0.35	< 0.1	7.7	29	102	6.52	12	0.64	0.03	6	0.70	331	1.1	0.017	9.0
18450E 17700N	11	0.9	> 8.00	67.9	< 0.5	< 20	27.4	< 0.1	0.17	0.3	23.0	18	97.7	2.13	3	0.38	0.03	17	0.08	466	7.0	0.018	4.0
18450E 17725N	< 6	0.2	1.98	4.9	< 0.5	< 20	30.1	0.2	0.39	< 0.1	3.6	19	21.3	3.54	13	0.08	0.03	8	0.25	136	3.0	0.018	5.0
18450E 17750N	< 6	0.2	3.33	57.7	< 0.5	< 20	45.9	0.3	0.58	0.2	70.0	20	56.8	5.26	14	0.06	0.04	8	0.86	1470	10.7	0.015	11.0
18450E 17775N	< 6	0.2	2.50	3.7	0.6	< 20	30.9	0.1	0.23	< 0.1	4.3	21	34.4	3.69	11	0.18	0.03	6	0.30	231	0.8	0.016	5.1
18450E 17800N	< 6	0.1	1.88	3.4	2.8	< 20	34.5	0.2	0.21	< 0.1	3.0	19	10.6	3.92	16	0.07	0.03	7	0.22	164	1.3	0.088	3.9
18450E 17825N	7	0.4	4.13	10.5	7.5	< 20	50.2	0.2	0.20	< 0.1	7.1	34	73.3	6.71	15	0.23	0.06	8	0.65	333	1.3	0.016	10.6
18450E 17850N	< 6	< 0.1	1.85	1.2	< 0.5	< 20	34.0	0.1	0.39	< 0.1	6.3	22	11.1	2.61	10	0.04	0.05	10	0.67	293	0.6	0.021	8.4
18450E 17875N	12	0.1	2.33	1.9	< 0.5	< 20	38.2	0.2	0.25	< 0.1	4.0	15	27.5	2.98	11	0.09	0.04	9	0.35	217	0.5	0.014	6.7
18450E 17900N	8	< 0.1	1.81	3.0	< 0.5	< 20	18.1	0.2	0.17	< 0.1	2.8	18	11.4	4.47	18	0.09	0.02	5	0.20	123	0.9	0.013	3.5

Results

Activation Laboratories Ltd.

Report: A21-11218

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18450E 17925N	< 6	< 0.1	1.95	5.0	< 0.5	< 20	27.4	0.2	0.18	< 0.1	3.7	27	16.0	5.33	16	0.07	0.04	6	0.34	179	1.9	0.013	6.6
18450E 17950N	8	< 0.1	1.30	< 0.5	0.6	< 20	20.8	0.2	0.25	< 0.1	2.3	11	10.0	4.01	20	0.03	0.02	5	0.18	179	0.9	0.015	2.9
18450E 17975N	< 6	< 0.1	1.21	1.0	< 0.5	< 20	42.3	0.2	0.23	< 0.1	3.8	9	4.7	1.10	10	0.03	0.03	6	0.21	194	3.1	0.015	3.5
18450E 18000N	< 6	< 0.1	2.03	4.3	1.8	< 20	30.0	0.1	0.17	< 0.1	3.0	17	14.8	4.22	14	0.10	0.02	5	0.20	153	2.4	0.014	3.8
18450E 18025N	< 6	< 0.1	1.75	2.6	1.7	< 20	48.4	< 0.1	0.18	< 0.1	2.3	11	24.7	1.34	6	0.09	0.03	8	0.14	113	2.6	0.016	3.6
18450E 18050N	< 6	< 0.1	2.46	5.5	< 0.5	< 20	41.2	0.2	0.25	< 0.1	4.1	24	25.9	4.71	17	0.13	0.04	6	0.30	157	2.7	0.018	5.3
18450E 18075N	< 6	< 0.1	5.15	14.8	< 0.5	< 20	52.8	0.1	0.23	< 0.1	6.0	27	67.5	4.08	9	0.13	0.03	9	0.39	229	12.1	0.022	7.6
18450E 18100N	< 6	0.2	2.28	5.5	< 0.5	< 20	85.0	0.2	0.39	0.1	16.7	15	26.8	2.57	11	0.06	0.04	10	0.42	440	6.3	0.018	7.3
18450E 18125N	< 6	< 0.1	2.11	15.8	< 0.5	< 20	48.7	0.2	0.22	< 0.1	4.1	24	17.3	4.85	14	0.07	0.05	6	0.29	172	2.9	0.017	5.1
18450E 18150N	< 6	0.2	4.43	8.7	< 0.5	< 20	95.5	0.2	0.31	0.2	48.9	21	42.1	3.75	10	0.14	0.04	17	0.27	2180	3.3	0.016	11.3
18450E 18175N	< 6	0.2	2.48	9.6	< 0.5	< 20	35.5	0.2	0.20	< 0.1	4.1	22	24.6	4.16	12	0.24	0.03	5	0.34	189	3.5	0.017	5.6
18450E 18200N	< 6	0.1	1.19	11.2	< 0.5	< 20	44.2	0.2	0.17	< 0.1	2.2	12	12.2	2.08	8	0.13	0.03	4	0.15	147	1.1	0.013	3.3
18500E 17400N	10	0.4	1.73	11.7	< 0.5	< 20	20.8	0.1	0.24	< 0.1	2.4	24	5.9	3.19	12	0.17	0.02	6	0.21	115	0.4	0.013	4.0
18500E 17425N	< 6	0.3	4.82	25.4	< 0.5	< 20	41.0	0.2	0.24	< 0.1	6.9	41	51.1	7.48	15	0.24	0.04	6	0.66	292	1.0	0.014	11.2
18500E 17450N	7	0.3	1.09	11.3	43.9	< 20	26.8	< 0.1	0.30	< 0.1	2.5	8	10.6	1.86	11	0.03	0.02	4	0.16	128	0.3	0.014	3.6
18500E 17475N	< 6	0.2	3.41	24.8	< 0.5	< 20	47.1	< 0.1	0.26	0.2	7.3	23	60.1	4.93	10	0.13	0.04	5	0.54	330	1.4	0.013	8.5
18500E 17500N	8	0.2	3.09	14.5	41.6	< 20	41.8	< 0.1	0.21	0.2	4.3	18	44.2	4.94	10	0.15	0.03	5	0.32	198	0.7	0.015	5.9
18500E 17525N	16	0.2	2.76	101	< 0.5	< 20	179	0.1	0.66	0.3	23.7	32	57.1	3.49	5	0.10	0.07	14	0.99	1880	1.0	0.018	18.4
18500E 17550N	10	0.1	2.84	77.6	1.4	< 20	162	< 0.1	0.71	0.2	21.9	35	54.3	3.93	6	0.07	0.07	10	1.14	1040	0.9	0.019	19.8
18500E 17575N	351	0.8	3.76	160	8.7	< 20	119	< 0.1	0.57	0.2	13.2	37	58.3	4.58	8	0.11	0.05	9	0.81	322	1.1	0.017	16.3
18500E 17600N	17	0.2	2.98	105	83.3	< 20	134	0.1	0.78	0.2	11.1	38	40.0	5.41	8	0.06	0.06	8	0.88	353	1.3	0.016	15.0
18500E 17625N	46	0.2	1.38	26.8	29.7	< 20	42.1	0.1	0.30	< 0.1	3.5	13	30.6	5.82	14	0.04	0.02	5	0.20	127	1.4	0.015	3.7
18500E 17650N	53	0.3	4.09	18.6	5.4	< 20	34.2	0.1	0.29	0.1	7.1	23	71.5	6.07	14	0.27	0.03	6	0.43	304	1.4	0.014	7.5
18500E 17675N	56	0.2	1.40	149	14.9	< 20	33.8	0.2	0.24	< 0.1	2.9	14	16.4	4.22	13	0.18	0.02	5	0.21	118	1.1	0.013	3.6
18500E 17700N	< 6	0.1	2.85	26.2	< 0.5	< 20	46.5	0.1	0.36	< 0.1	12.0	24	86.0	4.36	12	0.11	0.05	8	0.69	275	3.3	0.018	10.2
18500E 17725N	6	0.1	1.50	8.5	2.7	< 20	55.8	0.2	0.30	< 0.1	5.7	13	17.7	2.76	9	0.08	0.03	8	0.24	187	1.7	0.017	4.0
18500E 17750N	< 6	0.1	2.02	10.0	< 0.5	< 20	35.2	0.2	0.20	< 0.1	5.2	19	42.7	4.60	11	0.09	0.03	6	0.39	209	1.0	0.015	6.5
18500E 17775N	< 6	< 0.1	0.79	1.1	< 0.5	< 20	27.0	0.2	0.22	< 0.1	1.4	10	2.3	1.55	10	0.03	0.02	8	0.10	125	0.4	0.015	2.3
18500E 17800N	< 6	< 0.1	3.76	4.2	< 0.5	< 20	45.2	0.1	0.34	< 0.1	7.1	35	38.6	4.67	16	0.09	0.05	10	0.69	284	1.0	0.018	10.5
18500E 17825N	12	< 0.1	0.78	0.7	< 0.5	< 20	25.8	0.3	0.22	< 0.1	1.7	12	3.3	1.73	10	0.03	0.02	8	0.11	143	0.4	0.014	3.0
18500E 17850N	< 6	< 0.1	1.23	0.8	< 0.5	< 20	25.2	0.1	0.21	< 0.1	1.4	17	6.5	3.02	11	0.13	0.01	8	0.12	99	0.4	0.016	3.1
18500E 17875N	< 6	< 0.1	2.67	4.5	< 0.5	< 20	19.8	0.2	0.19	< 0.1	2.7	26	28.0	5.12	18	> 50.0	0.03	6	0.23	108	1.5	0.012	3.9
18500E 17900N	10	< 0.1	1.89	2.2	< 0.5	< 20	37.2	0.2	0.29	< 0.1	5.2	17	16.4	2.37	14	> 50.0	0.06	8	0.55	290	2.3	0.017	7.2
18500E 17925N	< 6	< 0.1	1.94	5.0	1.5	< 20	26.8	0.2	0.15	< 0.1	2.4	17	15.9	4.02	17	> 50.0	0.03	6	0.19	114	2.3	0.013	3.5
18500E 17950N	12	< 0.1	1.81	4.5	5.1	< 20	33.1	0.2	0.23	< 0.1	2.7	16	17.4	3.03	12	> 50.0	0.03	6	0.20	129	5.5	0.016	4.0
18500E 17975N	13	0.2	2.03	4.3	2.1	< 20	51.6	0.2	0.24	< 0.1	5.0	14	17.9	3.23	15	> 50.0	0.04	8	0.33	201	4.9	0.017	5.0
18500E 18000N	< 6	0.1	0.92	10.9	< 0.5	< 20	31.2	0.1	0.19	< 0.1	1.8	10	7.5	2.43	11	> 50.0	0.02	4	0.13	150	3.6	0.015	2.3
18500E 18025N	8	0.2	1.89	7.4	13.0	< 20	41.7	0.2	0.27	< 0.1	6.0	19	29.7	3.40	13	> 50.0	0.04	6	0.35	213	4.1	0.016	6.0
18500E 18050N	< 6	0.2	2.68	7.8	< 0.5	< 20	32.3	0.1	0.19	< 0.1	2.9	22	19.2	4.39	16	> 50.0	0.03	6	0.19	137	1.8	0.016	3.6
18500E 18075N	< 6	< 0.1	1.29	2.7	< 0.5	< 20	50.6	< 0.1	0.42	< 0.1	2.8	12	6.3	2.17	8	40.1	0.02	8	0.23	155	1.3	0.028	2.7
18500E 18100N	< 6	0.2	1.61	10.1	< 0.5	< 20	37.3	0.1	0.21	< 0.1	2.8	15	13.5	2.72	11	> 50.0	0.05	6	0.23	146	1.6	0.017	3.2
18500E 18125N	< 6	0.2	1.74	6.1	< 0.5	< 20	24.8	< 0.1	0.22	< 0.1	2.5	16	12.4	2.34	9	> 50.0	0.03	5	0.18	119	1.3	0.018	2.9
18500E 18150N	< 6	0.1	1.48	5.2	34.9	< 20	32.0	0.1	0.14	< 0.1	2.3	15	4.4	2.95	13	> 50.0	0.05	6	0.25	151	1.8	0.015	2.9
18500E 18175N	< 6	0.2	2.66	7.3	1.5	< 20	45.2	0.2	0.25	< 0.1	4.2	26	26.0	4.48	13	> 50.0	0.04	5	0.32	166	1.1	0.021	5.4
18500E 18200N	11	< 0.1	0.61	1.6	4.9	< 20	16.5	< 0.1	0.22	< 0.1	1.5	13	1.2	1.52	6	37.1	0.02	4	0.08	101	0.3	0.018	1.7
18550E 17400N	20	0.7	4.52	347	12.0	< 20	24.0	< 0.1	0.39	0.1	12.2	15	210	10.4	24	> 50.0	0.02	4	0.54	234	0.8	0.015	11.3
18550E 17425N	< 6	0.2	1.97	17.3	< 0.5	< 20	21.8	< 0.1	0.37	< 0.1	4.6	34	19.3	3.96	13	> 50.0	0.04	5	0.39	169	0.5	0.013	7.8
18550E 17450N	< 6	0.3	1.96	13.7	1.3	< 20	20.3	0.1	0.35	< 0.1	3.2	18	19.2	3.85	15	> 50.0	0.03	6	0.22	165	0.8	0.014	3.9
18550E 17475N	18	0.6	3.78	46.7	< 0.5	< 20	62.1	< 0.1	0.64	0.2	17.1	30	134	7.24	16	> 50.0	0.09	6	1.00	1190	1.3	0.019	18.8
18550E 17500N	12	0.4	2.48	20.8	< 0.5	< 20	77.2	0.1	0.68	0.2	19.7	21	110	2.95	9	> 50.0	0.06	9	0.76	1260	1.1	0.018	11.3
18550E 17525N	12	0.4	2.78	41.4	< 0.5	< 20	84.1	< 0.1	0.80	0.1	11.1	27	54.1	2.32	6	> 50.0	0.05	20	0.77	446	1.0	0.019	13.5

Results

Activation Laboratories Ltd.

Report: A21-11218

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18550E 17550N	< 6	0.2	1.75	11.8	< 0.5	< 20	158	< 0.1	0.51	0.4	12.8	13	44.2	1.45	6	> 50.0	0.05	20	0.23	3910	1.2	0.016	5.6
18550E 17575N	18	< 0.1	0.63	305	7.5	< 20	23.7	0.2	0.27	< 0.1	1.2	10	< 0.2	2.50	10	> 50.0	0.07	3	0.06	52	0.6	0.016	0.9
18550E 17625N	30	0.1	2.23	32.0	4.4	< 20	25.2	0.1	0.21	< 0.1	3.9	12	16.2	2.79	12	44.4	0.04	5	0.20	117	1.0	0.012	3.2
18550E 17650N	11	< 0.1	1.48	4.2	< 0.5	< 20	14.3	0.1	0.31	< 0.1	2.8	19	9.4	3.53	14	45.2	0.03	6	0.25	154	0.5	0.012	4.0
18550E 17675N	< 6	0.2	0.92	< 0.5	1.5	< 20	12.5	0.4	0.32	< 0.1	3.3	8	2.6	1.98	12	11.8	0.01	5	0.14	226	0.3	0.019	2.8
18550E 17700N	46	0.3	2.22	6.6	< 0.5	< 20	20.4	0.3	0.30	< 0.1	5.3	20	35.5	3.85	13	> 50.0	0.03	5	0.39	211	0.7	0.016	6.4
18550E 17725N	9	0.1	2.92	14.3	< 0.5	< 20	31.4	0.2	0.49	< 0.1	9.3	24	68.5	4.64	15	> 50.0	0.05	8	0.73	325	2.0	0.018	9.7
18550E 17750N	< 6	0.1	2.35	4.4	< 0.5	< 20	28.6	0.2	0.56	< 0.1	8.3	21	28.3	3.90	13	> 50.0	0.05	11	0.81	340	1.2	0.020	8.7
18550E 17775N	8	< 0.1	0.99	1.3	< 0.5	< 20	16.2	0.1	0.28	< 0.1	2.1	17	4.1	2.23	14	31.6	0.02	7	0.14	120	0.5	0.013	2.8
18550E 17800N	< 6	< 0.1	2.37	5.0	< 0.5	< 20	24.2	0.2	0.26	< 0.1	5.0	20	32.3	4.17	14	> 50.0	0.04	8	0.45	220	2.3	0.015	6.6
18550E 17825N	< 6	< 0.1	4.20	2.9	< 0.5	< 20	45.0	0.1	0.41	< 0.1	9.9	18	65.1	4.31	14	> 50.0	0.06	11	1.36	239	5.5	0.027	6.5
18550E 17850N	< 6	< 0.1	0.80	1.2	< 0.5	< 20	12.7	< 0.1	0.25	< 0.1	1.6	10	3.0	1.74	9	46.7	0.02	5	0.13	131	1.1	0.018	1.9
18550E 17875N	7	< 0.1	0.93	0.7	< 0.5	< 20	17.8	0.1	0.27	< 0.1	2.3	11	4.2	2.58	13	10.8	0.02	5	0.20	141	1.1	0.017	2.6
18550E 17900N	< 6	< 0.1	2.20	4.7	< 0.5	< 20	27.4	0.2	0.21	< 0.1	3.6	24	32.1	4.36	13	> 50.0	0.04	5	0.29	157	2.3	0.016	5.2
18550E 17925N	13	< 0.1	1.32	< 0.5	< 0.5	< 20	31.0	0.1	0.20	< 0.1	1.3	8	4.7	0.89	14	27.5	0.04	5	0.16	128	1.4	0.014	1.8
18550E 17950N	< 6	0.2	2.20	12.1	< 0.5	< 20	42.8	0.1	0.23	0.1	4.6	20	33.2	4.86	16	43.2	0.03	6	0.29	163	5.1	0.016	5.2
18550E 17975N	< 6	< 0.1	0.51	< 0.5	< 0.5	< 20	13.3	< 0.1	0.10	< 0.1	1.2	13	< 0.2	1.43	6	< 0.01	0.01	4	0.04	170	0.3	0.012	1.1
18550E 18000N	< 6	0.5	3.81	5.5	< 0.5	< 20	38.4	0.1	0.22	< 0.1	8.6	21	73.9	2.98	11	> 50.0	0.04	9	0.27	323	3.8	0.018	5.7
18550E 18025N	< 6	0.3	3.48	7.1	< 0.5	< 20	26.0	0.1	0.24	< 0.1	4.9	30	41.3	4.06	10	> 50.0	0.03	5	0.32	210	1.8	0.017	6.0
18550E 18050N	10	0.3	2.98	15.1	4.0	< 20	27.9	0.3	0.23	< 0.1	3.8	24	33.2	4.44	14	> 50.0	0.03	6	0.28	168	1.6	0.018	5.2
18550E 18075N	< 6	0.2	3.63	15.0	< 0.5	< 20	28.5	0.1	0.22	< 0.1	4.1	27	44.0	4.95	13	> 50.0	0.04	5	0.26	180	1.6	0.016	4.5
18550E 18100N	4	< 0.1	1.02	5.7	< 0.5	< 20	27.5	0.1	0.21	< 0.1	2.2	13	7.8	2.18	10	> 50.0	0.04	4	0.16	119	1.0	0.017	2.6
18550E 18125N	< 6	< 0.1	2.29	4.1	< 0.5	< 20	29.3	0.1	0.20	< 0.1	2.8	19	19.0	3.07	10	> 50.0	0.03	5	0.21	139	0.8	0.017	3.4
18550E 18150N	< 6	0.3	1.67	7.6	< 0.5	< 20	32.2	0.1	0.16	< 0.1	2.4	17	9.9	3.02	12	> 50.0	0.04	5	0.21	131	1.3	0.015	3.2
18550E 18175N	< 6	< 0.1	0.57	1.9	0.5	< 20	34.5	< 0.1	0.16	< 0.1	1.0	9	2.4	1.15	5	33.7	0.04	4	0.06	119	0.4	0.014	1.4
18550E 18200N	13	0.1	3.27	3.3	4.2	< 20	59.5	0.2	0.27	< 0.1	5.1	16	29.5	4.16	13	> 50.0	0.06	7	0.43	215	1.5	0.017	6.0
18600E 17400N	5	0.2	4.21	13.9	< 0.5	< 20	29.2	0.1	0.25	< 0.1	6.8	31	68.7	5.60	12	> 50.0	0.04	5	0.54	390	1.1	0.018	8.0
18600E 17425N	15	0.2	2.12	8.8	5.0	< 20	27.7	0.1	0.39	< 0.1	6.0	20	32.6	3.04	11	> 50.0	0.04	7	0.58	252	0.6	0.017	7.7
18600E 17450N	5	0.1	1.83	3.9	< 0.5	< 20	19.7	0.1	0.29	< 0.1	2.6	19	11.8	3.11	13	> 50.0	0.02	6	0.17	142	0.5	0.015	3.1
18600E 17475N	14	< 0.1	1.32	< 0.5	< 0.5	< 20	24.6	< 0.1	0.17	< 0.1	1.4	9	11.3	1.13	8	18.3	0.04	5	0.10	106	0.4	0.012	1.6
18600E 17500N	71	0.2	2.34	8.3	< 0.5	< 20	34.9	< 0.1	0.20	< 0.1	3.3	18	39.2	5.18	15	> 50.0	0.04	5	0.29	163	1.6	0.013	3.8
18600E 17525N	6	0.5	0.73	5.0	< 0.5	< 20	272	< 0.1	2.66	0.6	7.1	5	26.5	0.38	< 1	> 50.0	0.01	11	0.07	1110	0.5	0.013	4.9
18600E 17550N	36	0.1	3.90	154	0.9	< 20	47.0	< 0.1	0.32	0.2	10.8	24	105	3.93	8	> 50.0	0.05	7	0.72	305	1.0	0.020	9.7
18600E 17575N		0.1	1.50	64.7	< 0.5	< 20	50.1	0.1	0.34	< 0.1	2.3	12	10.2	3.01	12	> 50.0	0.03	6	0.17	119	1.2	0.014	2.9
18600E 17600N		< 0.1	1.11	2.0	< 0.5	< 20	16.4	0.6	0.35	< 0.1	2.0	8	12.9	0.83	11	20.0	0.03	6	0.16	144	0.4	0.013	2.8
18600E 17625N	29	0.9	6.35	38.4	2.7	< 20	14.8	0.3	0.16	< 0.1	10.0	28	212	8.16	16	> 50.0	0.03	5	0.55	197	2.5	0.012	13.1
18600E 17650N		0.3	2.35	10.1	10.4	< 20	17.0	0.4	0.41	< 0.1	8.5	17	184	7.60	15	> 50.0	0.03	4	0.37	210	1.0	0.027	4.8
18600E 17675N	9	0.2	2.53	7.7	< 0.5	< 20	23.4	0.2	0.30	< 0.1	8.1	18	75.3	6.18	14	> 50.0	0.03	6	0.42	212	0.7	0.188	7.1
18600E 17700N	19	0.3	2.85	9.9	< 0.5	< 20	29.4	0.2	0.54	< 0.1	11.7	16	138	5.59	16	> 50.0	0.04	5	0.66	230	0.9	0.028	11.3
18600E 17725N		0.2	1.52	3.9	4.0	< 20	21.9	0.1	0.55	< 0.1	4.2	18	8.9	3.02	13	25.4	0.04	7	0.34	152	0.5	0.016	4.4
18600E 17750N	15	0.2	1.74	5.0	1.2	< 20	21.2	0.2	0.31	< 0.1	4.8	17	64.4	4.97	14	> 50.0	0.04	6	0.30	174	1.4	0.020	4.8
18600E 17775N	6	< 0.1	3.69	4.8	< 0.5	< 20	26.2	0.2	0.35	< 0.1	8.2	35	125	4.56	12	> 50.0	0.05	8	0.71	374	1.7	0.018	12.1
18600E 17800N		0.5	1.04	< 0.5	873	< 20	13.1	0.2	0.57	< 0.1	4.7	5	35.8	2.46	11	> 50.0	0.03	4	0.25	387	0.9	0.033	4.2
18600E 17825N	30	0.1	1.52	1.9	12.5	< 20	15.5	0.3	0.75	< 0.1	6.8	7	143	4.84	20	> 50.0	0.03	4	0.29	150	1.1	0.020	6.4
18600E 17850N	27	< 0.1	1.08	1.1	5.1	< 20	20.6	0.1	0.31	< 0.1	2.4	11	17.3	2.30	10	41.6	0.03	5	0.18	116	1.3	0.017	2.9
18600E 17875N		< 0.1	3.07	4.8	2.1	< 20	25.0	0.2	0.18	< 0.1	2.6	19	34.1	2.98	9	> 50.0	0.03	7	0.20	105	1.5	0.014	3.7
18600E 17900N		< 0.1	0.77	0.9	< 0.5	< 20	16.0	< 0.1	0.12	< 0.1	1.7	13	3.2	2.07	9	47.8	0.01	4	0.08	107	0.7	0.014	1.7
18600E 17925N	11	< 0.1	1.68	2.9	< 0.5	< 20	37.6	0.4	0.33	< 0.1	5.8	16	18.2	2.41	13	27.3	0.05	6	0.59	290	3.8	0.019	6.8
18600E 17950N	< 6	0.1	2.73	10.7	< 0.5	< 20	50.1	0.2	0.58	< 0.1	10.1	25	65.5	3.55	10	> 50.0	0.05	7	0.69	550	3.0	0.018	10.0
18600E 17975N	7	0.4	1.92	4.2	< 0.5	< 20	48.2	0.1	0.28	0.1	5.2	12	41.7	2.28	9	> 50.0	0.04	9	0.19	175	3.1	0.013	3.8
18600E 18000N	< 6	0.2	2.35	16.7	< 0.5	< 20	62.9	0.3	0.52	< 0.1	3.6	15	26.8	3.99	15	> 50.0	0.09	6	0.26	518	2.5	0.014	3.7

Results

Activation Laboratories Ltd.

Report: A21-11218

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18600E 18025N	4	0.2	3.11	10.0	< 0.5	< 20	49.2	0.2	0.22	< 0.1	4.6	17	51.9	3.81	13	> 50.0	0.05	10	0.31	178	2.6	0.015	5.6
18600E 18050N	9	0.1	2.34	4.4	< 0.5	< 20	47.6	0.2	0.22	< 0.1	5.5	19	28.3	4.11	13	49.4	0.06	7	0.44	270	2.9	0.018	5.8
18600E 18075N	4	< 0.1	2.94	5.3	< 0.5	< 20	64.0	0.2	0.35	0.1	9.0	26	28.0	4.72	13	> 50.0	0.03	9	0.34	508	3.3	0.019	7.8
18600E 18100N	< 6	< 0.1	2.16	3.2	< 0.5	< 20	62.0	0.1	0.33	< 0.1	4.1	18	17.8	3.46	12	< 0.01	0.04	6	0.30	182	2.7	0.017	4.9
18600E 18125N	< 6	< 0.1	1.04	0.7	< 0.5	< 20	55.8	0.1	0.23	< 0.1	2.1	11	4.8	1.54	7	20.4	0.03	6	0.14	133	1.0	0.016	2.1
18600E 18150N	< 6	< 0.1	1.44	1.7	< 0.5	< 20	30.3	0.1	0.19	< 0.1	2.2	10	2.8	2.10	11	24.1	0.05	4	0.21	207	1.2	0.011	2.4
18600E 18175N	< 6	< 0.1	2.71	2.4	< 0.5	< 20	56.2	0.2	0.26	< 0.1	19.3	19	38.2	4.18	12	14.3	0.07	8	0.66	612	6.3	0.019	10.0
18600E 18200N	< 6	< 0.1	1.71	1.6	< 0.5	< 20	47.9	0.2	0.23	< 0.1	5.4	12	9.3	2.73	11	9.61	0.05	8	0.28	288	5.6	0.015	3.7
18650E 17400N	< 6	0.2	4.59	11.3	< 0.5	< 20	32.7	0.1	0.26	< 0.1	6.9	28	144	4.95	12	> 50.0	0.04	7	0.53	223	1.1	0.019	8.3
18650E 17425N	< 6	0.2	2.59	66.3	< 0.5	< 20	59.4	0.1	0.55	0.1	13.0	22	133	3.83	11	48.6	0.05	10	0.87	995	0.6	0.019	11.2
18650E 17450N	9	0.3	2.69	13.5	< 0.5	< 20	27.5	< 0.1	0.36	< 0.1	5.5	21	48.3	3.99	11	> 50.0	0.04	6	0.42	245	0.8	0.015	6.5
18650E 17475N	< 6	0.2	3.51	27.0	< 0.5	< 20	51.3	< 0.1	0.59	0.1	22.4	19	106	3.18	11	27.3	0.05	12	1.15	1330	0.8	0.018	13.8
18650E 17500N	19	0.1	2.40	16.8	< 0.5	< 20	30.6	0.2	0.29	< 0.1	4.6	17	38.5	5.74	20	6.41	0.04	6	0.35	158	1.1	0.013	4.8
18650E 17525N	92	< 0.1	1.46	4.0	8.0	< 20	28.3	0.2	0.52	< 0.1	4.5	9	11.2	2.83	16	47.1	0.03	6	0.24	189	0.6	0.018	3.7
18650E 17550N	7	0.2	2.25	59.0	< 0.5	< 20	133	0.2	0.75	0.3	15.7	16	31.6	3.19	14	> 50.0	0.05	11	0.46	803	1.7	0.018	7.2
18650E 17575N	216	0.5	3.39	6.5	< 0.5	< 20	27.6	0.2	0.30	< 0.1	7.3	29	60.0	7.29	19	> 50.0	0.03	5	0.53	183	1.1	0.020	7.5
18650E 17600N	< 6	0.4	4.23	7.1	< 0.5	< 20	30.7	0.2	0.32	< 0.1	7.7	32	75.7	7.20	17	> 50.0	0.03	5	0.60	195	1.1	0.024	8.7
18650E 17625N	12	0.2	3.84	5.6	< 0.5	< 20	19.2	0.2	0.42	< 0.1	10.2	25	109	5.74	12	> 50.0	0.03	4	0.71	231	0.7	0.024	11.1
18650E 17650N	< 6	0.3	4.37	5.8	< 0.5	< 20	28.1	0.1	0.40	< 0.1	8.0	45	74.1	5.29	13	> 50.0	0.03	5	0.65	211	1.0	0.023	12.8
18650E 17675N	53	0.4	3.62	4.6	48.5	< 20	41.6	0.1	1.24	< 0.1	30.6	3	665	9.51	19	> 50.0	0.04	9	1.13	673	0.4	0.066	7.6
18650E 17700N	23	0.2	3.76	25.9	36.6	< 20	119	0.1	0.84	0.3	21.7	25	72.3	3.52	7	> 50.0	0.05	16	0.88	1610	1.1	0.022	13.8
18650E 17725N	< 6	0.2	3.42	3.9	< 0.5	< 20	23.6	0.1	0.68	< 0.1	20.4	21	216	6.13	16	> 50.0	0.04	7	0.86	350	2.9	0.034	15.7
18650E 17750N	< 6	0.2	1.38	2.6	< 0.5	< 20	14.4	0.1	0.34	< 0.1	3.5	17	15.1	3.35	13	> 50.0	0.02	5	0.23	152	0.5	0.016	3.9
18650E 17775N	49	0.2	3.86	6.8	27.3	60	22.1	0.2	3.54	0.5	42.5	3	491	8.86	20	> 50.0	0.04	11	1.28	1080	0.9	0.071	8.6
18650E 17800N	13	0.1	1.83	1.2	< 0.5	< 20	29.0	0.3	0.41	< 0.1	5.6	15	95.5	3.73	14	44.9	0.05	7	0.31	220	1.0	0.025	5.4
18650E 17825N	25	0.1	1.15	1.1	10.9	< 20	18.3	0.3	0.35	< 0.1	4.2	10	599	3.27	12	41.3	0.03	6	0.17	180	0.8	0.026	3.5
18650E 17850N	7	< 0.1	2.57	3.5	< 0.5	< 20	27.5	< 0.1	0.35	< 0.1	6.1	23	91.7	2.86	7	> 50.0	0.04	10	0.43	227	1.4	0.021	7.5
18650E 17875N	< 6	< 0.1	1.28	1.2	< 0.5	< 20	25.6	0.1	0.14	< 0.1	1.6	13	10.0	2.03	9	30.2	0.02	5	0.10	132	0.5	0.015	1.9
18650E 17900N	< 6	0.1	2.71	4.4	< 0.5	< 20	48.8	0.2	0.25	< 0.1	5.8	20	96.1	3.53	12	> 50.0	0.05	7	0.43	202	2.5	0.016	8.3
18650E 17925N	< 6	< 0.1	2.13	1.6	< 0.5	< 20	68.2	0.2	0.40	< 0.1	6.4	15	16.0	2.57	17	43.5	0.05	6	0.47	328	5.1	0.015	5.1
18650E 17950N	5	0.3	3.97	3.3	< 0.5	< 20	140	0.2	0.96	0.5	72.2	14	51.3	2.56	4	> 50.0	0.04	23	0.22	4990	2.6	0.020	11.4
18650E 17975N	8	< 0.1	2.08	5.3	< 0.5	< 20	77.5	0.2	0.25	< 0.1	5.7	19	35.7	5.02	14	9.63	0.06	8	0.41	275	3.0	0.019	7.0
18650E 18000N	8	0.2	2.60	5.8	< 0.5	< 20	54.0	0.2	0.16	0.1	3.9	17	34.2	4.26	12	> 50.0	0.06	6	0.32	222	1.9	0.016	5.8
18650E 18025N	< 6	0.2	2.69	5.8	< 0.5	< 20	30.5	0.2	0.15	< 0.1	2.6	19	29.7	4.10	16	> 50.0	0.03	5	0.16	104	2.3	0.016	3.4
18650E 18050N	< 6	0.2	5.97	10.3	< 0.5	< 20	26.7	0.2	0.12	< 0.1	3.1	29	60.3	6.39	18	> 50.0	0.04	4	0.21	125	2.1	0.014	4.5
18650E 18075N	< 6	< 0.1	2.91	3.0	< 0.5	< 20	38.4	0.2	0.24	< 0.1	4.9	23	27.3	3.97	15	> 50.0	0.05	7	0.34	204	1.5	0.019	6.4
18650E 18100N	4	< 0.1	4.38	6.1	< 0.5	< 20	33.9	0.2	0.18	< 0.1	4.7	31	28.7	6.05	16	> 50.0	0.05	5	0.43	219	2.3	0.015	6.4
18650E 18125N	< 6	< 0.1	2.60	2.8	< 0.5	< 20	34.6	0.2	0.25	< 0.1	4.5	21	35.7	3.52	12	> 50.0	0.04	6	0.40	219	1.4	0.017	5.5
18650E 18150N	< 6	0.1	2.22	2.5	< 0.5	< 20	32.9	0.2	0.20	< 0.1	3.4	20	14.1	3.28	14	> 50.0	0.04	5	0.25	135	0.9	0.017	4.8
18650E 18175N	< 6	< 0.1	1.25	2.9	< 0.5	< 20	20.2	0.1	0.21	< 0.1	2.5	16	5.8	2.51	11	36.6	0.03	4	0.19	130	0.6	0.016	3.1
18650E 18200N	11	0.3	4.48	5.2	< 0.5	< 20	28.5	0.2	0.34	< 0.1	7.7	21	109	5.67	15	> 50.0	0.03	4	0.33	273	4.8	0.016	9.5
18700E 17400N	< 6	0.1	3.41	21.3	< 0.5	< 20	50.7	< 0.1	0.53	< 0.1	11.5	24	86.8	4.18	10	> 50.0	0.05	9	0.79	443	0.9	0.022	11.1
18700E 17425N	9	0.7	3.05	76.0	< 0.5	< 20	83.9	0.1	1.13	0.5	69.7	21	148	4.00	9	> 50.0	0.06	14	0.65	2660	0.8	0.021	14.6
18700E 17450N	16	0.2	2.15	78.5	< 0.5	< 20	28.8	0.1	0.41	< 0.1	5.7	21	57.1	3.99	13	46.0	0.05	8	0.52	207	0.6	0.020	6.1
18700E 17475N	23	0.4	3.58	169	< 0.5	< 20	47.7	0.1	0.43	0.2	13.3	23	173	4.77	12	39.2	0.05	9	0.90	330	0.8	0.024	11.1
18700E 17500N	4	0.1	1.37	31.6	< 0.5	< 20	38.1	0.1	0.59	0.2	9.2	15	32.1	2.62	7	42.5	0.04	7	0.40	1270	0.6	0.022	7.1
18700E 17525N	9	0.2	5.46	47.8	< 0.5	< 20	27.9	0.1	0.29	< 0.1	8.2	34	91.5	5.97	11	> 50.0	0.04	5	0.63	235	1.0	0.022	9.0
18700E 17550N	10	0.2	3.35	882	440	< 20	121	0.3	0.66	0.2	138	27	57.0	9.38	20	> 50.0	0.05	7	0.45	4020	5.5	0.019	12.9
18700E 17575N	3	0.1	2.86	48.3	< 0.5	< 20	45.2	0.1	0.32	< 0.1	6.9	27	36.1	5.51	16	2.42	0.08	6	0.76	226	1.3	0.018	9.5
18700E 17600N	4	0.2	1.75	6.7	< 0.5	< 20	27.4	0.2	0.62	< 0.1	9.4	23	24.3	3.96	13	15.3	0.02	4	0.69	218	0.7	0.024	15.1
18700E 17625N	5	< 0.1	1.19	5.3	< 0.5	< 20	34.7	0.3	0.34	< 0.1	4.4	13	26.2	5.12	18	< 0.01	0.02	6	0.20	182	1.0	0.021	2.9

Results

Activation Laboratories Ltd.

Report: A21-11218

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18700E 17650N	< 6	0.1	1.12	3.1	< 0.5	< 20	31.8	0.1	0.29	< 0.1	2.2	13	1.1	2.65	15	< 0.01	0.02	5	0.15	158	0.5	0.016	2.8
18700E 17675N	< 6	0.2	1.19	3.4	< 0.5	< 20	19.6	0.1	0.38	< 0.1	3.2	9	0.8	3.78	16	> 50.0	0.01	7	0.19	125	0.4	0.017	2.8
18700E 17700N	< 2	0.1	3.48	11.3	< 0.5	< 20	60.9	0.1	0.57	< 0.1	6.2	18	40.7	5.67	18	> 50.0	0.03	6	0.62	175	0.9	0.015	7.0
18700E 17725N		0.3	4.00	32.2	< 0.5	< 20	100	< 0.1	0.72	0.3	27.8	27	61.2	3.58	7	> 50.0	0.05	20	0.86	2050	1.2	0.022	13.4
18700E 17750N	< 6	0.2	3.70	5.5	< 0.5	< 20	35.8	0.1	0.42	0.1	5.6	24	69.3	4.01	9	> 50.0	0.03	5	0.44	250	0.8	0.022	8.0
18700E 17775N	11	< 0.1	1.46	4.2	< 0.5	< 20	28.4	0.2	0.43	< 0.1	4.6	19	14.4	3.10	14	< 0.01	0.03	6	0.34	171	0.8	0.021	5.9
18700E 17800N	16	0.1	1.56	1.5	< 0.5	< 20	23.0	0.2	0.34	< 0.1	3.5	16	38.2	3.85	15	36.8	0.02	5	0.19	163	0.7	0.020	3.9
18700E 17825N		0.2	3.35	4.9	< 0.5	< 20	30.4	0.2	0.33	< 0.1	5.6	25	64.3	3.87	8	> 50.0	0.03	7	0.44	241	1.3	0.023	6.9
18700E 17850N	6	< 0.1	1.35	0.6	< 0.5	< 20	36.4	0.2	0.27	< 0.1	3.3	14	12.7	2.38	10	11.7	0.03	5	0.26	183	0.5	0.016	4.3
18700E 17875N	8	0.1	3.05	10.6	< 0.5	< 20	90.4	0.2	0.64	0.2	30.2	28	81.7	3.70	8	> 50.0	0.05	11	0.91	2130	2.0	0.022	14.0
18700E 17900N	7	0.1	2.72	9.0	< 0.5	< 20	68.3	0.1	0.58	0.1	20.2	23	73.0	3.33	8	> 50.0	0.05	9	0.78	990	1.9	0.023	12.1
18700E 17925N	10	0.2	2.73	4.5	< 0.5	< 20	91.6	0.1	0.43	0.2	5.6	15	66.5	3.60	11	> 50.0	0.04	7	0.30	333	2.7	0.019	6.1
18700E 17950N		0.1	1.70	4.0	< 0.5	< 20	49.4	0.2	0.28	< 0.1	4.0	16	33.8	4.53	14	12.7	0.03	5	0.22	153	2.2	0.016	4.6
18700E 17975N	8	< 0.1	0.79	< 0.5	< 0.5	< 20	55.0	0.1	0.29	< 0.1	2.2	11	1.2	1.56	8	< 0.01	0.02	6	0.11	189	0.8	0.016	2.6
18700E 18000N	3	0.3	5.04	14.8	< 0.5	< 20	141	0.2	0.66	1.3	111	18	74.5	3.05	7	> 50.0	0.04	19	0.21	8100	5.7	0.024	18.5
18700E 18025N		< 0.1	2.43	5.2	< 0.5	< 20	30.9	0.1	0.21	< 0.1	4.4	20	38.6	4.12	11	32.6	0.03	5	0.32	221	2.3	0.015	5.7
18700E 18050N	< 6	< 0.1	2.32	4.0	< 0.5	< 20	38.6	0.2	0.20	< 0.1	3.8	23	15.6	4.80	18	30.2	0.04	5	0.32	174	1.3	0.017	5.4
18700E 18075N	6	< 0.1	2.79	4.4	< 0.5	< 20	39.2	0.1	0.18	< 0.1	4.8	16	29.9	3.28	13	< 0.01	0.04	4	0.54	213	6.2	0.013	4.8
18700E 18100N	31	< 0.1	2.99	4.8	< 0.5	< 20	44.1	0.1	0.17	< 0.1	5.3	18	32.9	3.63	14	< 0.01	0.05	4	0.57	239	6.4	0.034	5.3
18700E 18125N	3	0.2	4.51	7.9	< 0.5	< 20	78.4	0.2	0.31	0.2	15.6	18	39.4	2.39	11	> 50.0	0.05	9	0.29	391	2.4	0.018	9.8
18700E 18150N	11	0.3	> 8.00	13.2	< 0.5	< 20	36.3	0.1	0.15	0.1	6.8	22	47.3	3.14	7	> 50.0	0.03	14	0.11	120	5.0	0.018	5.1
18700E 18175N	6	0.1	1.21	1.3	< 0.5	< 20	24.9	0.1	0.20	< 0.1	2.0	12	3.0	1.95	9	8.61	0.03	5	0.16	146	0.5	0.017	2.1
18700E 18200N	9	0.1	4.51	7.2	< 0.5	< 20	48.7	0.2	0.24	< 0.1	7.9	24	84.4	3.90	9	> 50.0	0.05	5	0.41	237	3.1	0.020	25.6

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18250E 17400N	0.065	4.9	< 1	0.2	5.5	0.6	28	< 0.2	1.8	0.185	< 0.1	170	0.2	27
18250E 17425N	0.024	6.6	< 1	0.1	4.7	0.8	40	< 0.2	0.7	0.121	< 0.1	73	0.1	32
18250E 17450N	0.036	5.2	< 1	0.1	4.8	0.8	40	< 0.2	0.7	0.120	< 0.1	80	0.4	69
18250E 17475N	0.021	7.5	< 1	0.2	4.1	< 0.5	34	< 0.2	1.0	0.208	< 0.1	106	< 0.1	9
18250E 17500N	0.070	6.2	< 1	0.1	4.7	1.1	35	< 0.2	0.7	0.100	< 0.1	100	< 0.1	103
18250E 17525N	0.067	7.9	< 1	0.1	6.9	< 0.5	35	< 0.2	1.5	0.266	< 0.1	122	< 0.1	36
18250E 17550N	0.036	3.7	< 1	0.1	5.1	< 0.5	38	< 0.2	1.1	0.180	< 0.1	105	0.2	77
18250E 17575N	0.033	4.3	< 1	0.1	4.0	0.7	35	< 0.2	1.0	0.145	< 0.1	130	0.2	24
18250E 17600N	0.098	8.5	< 1	0.2	5.5	0.9	56	< 0.2	0.9	0.116	< 0.1	94	1.5	62
18250E 17625N	0.058	4.2	< 1	0.2	6.9	1.4	48	< 0.2	1.3	0.085	< 0.1	109	0.1	73
18250E 17650N	0.013	4.1	< 1	0.2	3.2	< 0.5	31	< 0.2	0.7	0.148	< 0.1	110	< 0.1	9
18250E 17675N	0.131	4.9	< 1	0.1	6.1	0.7	22	< 0.2	2.5	0.169	< 0.1	213	< 0.1	30
18250E 17700N	0.071	6.8	< 1	0.2	4.5	0.5	38	< 0.2	1.5	0.112	< 0.1	116	< 0.1	23
18250E 17725N	0.106	7.8	< 1	0.2	4.5	0.8	31	< 0.2	1.3	0.121	< 0.1	105	0.2	22
18250E 17750N	0.030	3.6	< 1	0.2	3.0	< 0.5	24	< 0.2	1.1	0.121	< 0.1	132	< 0.1	15
18250E 17775N	0.120	7.7	< 1	0.2	1.0	1.4	46	< 0.2	< 0.1	0.006	< 0.1	9	0.2	11
18250E 17800N	0.036	2.6	< 1	< 0.1	0.2	0.6	28	< 0.2	< 0.1	< 0.001	< 0.1	4	0.1	25
18250E 17825N	0.123	6.9	< 1	0.2	8.0	1.5	16	< 0.2	5.9	0.121	< 0.1	121	0.1	41
18250E 17850N	0.027	6.8	< 1	0.2	5.2	< 0.5	23	< 0.2	1.4	0.136	< 0.1	118	< 0.1	54
18250E 17875N	0.057	3.2	< 1	< 0.1	0.2	0.6	18	< 0.2	< 0.1	< 0.001	< 0.1	4	< 0.1	17
18250E 17900N	0.097	9.0	< 1	< 0.1	< 0.1	1.3	81	< 0.2	< 0.1	< 0.001	< 0.1	6	< 0.1	31
18250E 17925N	0.102	5.2	< 1	< 0.1	2.2	1.2	16	< 0.2	0.8	0.002	< 0.1	10	0.1	11
18250E 17950N	0.061	6.9	< 1	0.2	5.2	1.2	23	< 0.2	1.4	0.119	< 0.1	116	0.4	76
18250E 17975N	0.245	14.6	< 1	0.1	4.5	1.8	14	< 0.2	4.3	0.097	< 0.1	90	0.3	42
18250E 18000N	0.092	5.4	< 1	0.2	5.2	1.9	29	< 0.2	2.2	0.135	< 0.1	110	0.5	48
18250E 18025N	0.102	9.5	< 1	0.2	5.8	0.6	24	< 0.2	3.1	0.157	< 0.1	133	0.2	54
18250E 18050N	0.070	4.9	< 1	0.2	5.2	0.6	31	< 0.2	3.3	0.143	< 0.1	123	0.2	27
18250E 18075N	0.075	10.3	< 1	0.2	3.8	< 0.5	20	< 0.2	2.1	0.116	< 0.1	90	< 0.1	59
18250E 18100N	0.069	11.3	< 1	0.2	5.0	0.7	30	< 0.2	2.1	0.161	< 0.1	140	0.2	49
18250E 18125N	0.019	4.4	< 1	0.1	2.4	< 0.5	28	< 0.2	1.1	0.083	< 0.1	87	< 0.1	19
18250E 18150N	0.054	7.7	< 1	0.2	3.6	0.6	29	< 0.2	1.7	0.113	< 0.1	94	0.2	31
18250E 18175N	0.058	6.0	< 1	0.2	4.1	0.7	32	< 0.2	1.3	0.111	< 0.1	97	0.2	40
18250E 18200N	0.058	5.8	< 1	0.1	3.5	0.7	20	< 0.2	1.9	0.083	< 0.1	91	0.1	25
18300E 17400N	0.017	4.0	< 1	0.2	6.1	< 0.5	81	< 0.2	0.9	0.151	< 0.1	95	0.1	51
18300E 17425N	0.098	6.1	< 1	0.2	7.9	0.8	28	< 0.2	2.2	0.153	< 0.1	131	0.3	39
18300E 17450N	0.097	16.7	< 1	0.2	7.5	< 0.5	27	< 0.2	1.2	0.149	< 0.1	166	0.2	66
18300E 17475N	0.097	4.4	< 1	0.1	6.5	1.2	25	< 0.2	1.3	0.094	< 0.1	133	0.2	47
18300E 17500N	0.044	5.7	< 1	0.1	6.9	0.6	43	< 0.2	1.9	0.145	< 0.1	105	< 0.1	67
18300E 17525N	0.065	5.6	< 1	0.1	5.2	1.3	64	< 0.2	0.6	0.126	< 0.1	90	0.1	61
18300E 17550N	0.033	5.6	< 1	0.1	7.7	0.9	69	< 0.2	1.6	0.196	< 0.1	113	0.2	70
18300E 17575N	0.098	5.9	< 1	0.2	6.7	0.8	69	< 0.2	1.3	0.147	< 0.1	103	0.2	51
18300E 17600N	0.059	5.4	< 1	0.2	6.4	0.9	53	< 0.2	1.5	0.092	< 0.1	107	0.2	56
18300E 17625N	0.109	9.7	< 1	0.2	5.5	1.9	65	< 0.2	0.7	0.105	< 0.1	97	0.2	75
18300E 17650N	0.082	7.8	< 1	0.2	6.7	0.9	49	< 0.2	1.6	0.162	< 0.1	118	0.2	54
18300E 17675N	0.028	4.2	< 1	0.1	5.1	< 0.5	47	< 0.2	1.1	0.172	< 0.1	116	0.7	49
18300E 17700N	0.048	4.2	< 1	0.2	3.9	< 0.5	36	< 0.2	0.8	0.158	< 0.1	124	< 0.1	27
18300E 17725N	0.231	6.1	< 1	0.2	7.4	0.8	69	< 0.2	2.6	0.166	< 0.1	144	0.3	48
18300E 17750N	0.230	4.3	< 1	0.2	10.8	1.1	60	< 0.2	2.5	0.184	< 0.1	127	0.5	37
18300E 17775N	0.046	8.6	< 1	0.2	5.6	< 0.5	64	< 0.2	1.1	0.123	< 0.1	140	< 0.1	24
18300E 17800N	0.037	8.6	< 1	0.2	5.2	0.6	27	< 0.2	1.4	0.145	< 0.1	134	< 0.1	20
18300E 17825N	0.010	3.6	< 1	0.1	4.7	< 0.5	5	< 0.2	0.3	0.051	< 0.1	61	< 0.1	8

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18300E 17850N	0.013	4.1	< 1	0.2	4.3	< 0.5	8	< 0.2	0.4	0.040	< 0.1	72	< 0.1	12
18300E 17875N	0.015	5.3	< 1	0.2	4.0	0.5	24	< 0.2	0.8	0.142	< 0.1	69	< 0.1	8
18300E 17900N	0.014	3.7	< 1	0.2	2.5	< 0.5	15	< 0.2	0.5	0.094	< 0.1	67	< 0.1	11
18300E 17925N	0.028	5.7	< 1	0.1	4.7	< 0.5	40	< 0.2	1.3	0.154	< 0.1	93	0.2	32
18300E 17950N	0.013	5.0	< 1	0.1	2.7	< 0.5	21	< 0.2	0.6	0.123	< 0.1	55	< 0.1	8
18300E 17975N	0.010	4.5	< 1	0.1	2.0	< 0.5	12	< 0.2	0.7	0.094	< 0.1	32	< 0.1	8
18300E 18000N	0.037	4.1	< 1	0.1	2.1	< 0.5	17	< 0.2	0.7	0.165	< 0.1	91	0.2	8
18300E 18025N	0.063	5.7	< 1	0.2	4.7	0.6	19	< 0.2	3.7	0.153	< 0.1	128	0.1	24
18300E 18050N	0.118	4.1	< 1	0.1	0.9	1.7	8	< 0.2	< 0.1	0.005	< 0.1	9	0.2	8
18300E 18075N	0.071	5.3	< 1	0.1	4.7	0.7	20	< 0.2	2.2	0.154	< 0.1	130	< 0.1	29
18300E 18100N	0.110	5.3	< 1	< 0.1	5.7	2.0	11	< 0.2	3.9	0.075	< 0.1	69	0.3	25
18300E 18125N	0.035	5.3	< 1	0.2	3.7	< 0.5	32	< 0.2	1.6	0.146	< 0.1	96	0.2	44
18300E 18150N	0.033	4.4	< 1	0.1	3.6	< 0.5	33	< 0.2	1.0	0.122	< 0.1	88	0.2	30
18300E 18175N	0.027	5.1	< 1	0.1	2.1	< 0.5	19	< 0.2	1.1	0.065	< 0.1	73	< 0.1	32
18300E 18200N	0.066	4.3	< 1	0.1	3.2	0.5	22	< 0.2	1.5	0.118	< 0.1	109	0.1	32
18350E 17400N	0.055	4.9	< 1	0.2	4.1	0.5	43	< 0.2	1.0	0.107	< 0.1	75	0.3	31
18350E 17425N	0.061	5.6	< 1	0.3	4.8	< 0.5	22	< 0.2	0.7	0.086	< 0.1	147	0.1	22
18350E 17450N	0.075	5.8	< 1	0.4	7.7	0.9	34	< 0.2	1.1	0.102	< 0.1	193	0.3	45
18350E 17475N	0.111	5.7	< 1	0.4	7.5	1.2	13	< 0.2	1.1	0.047	< 0.1	156	0.2	53
18350E 17500N	0.034	6.7	< 1	0.2	6.3	< 0.5	72	< 0.2	1.1	0.186	< 0.1	124	0.1	57
18350E 17525N	0.038	5.2	< 1	0.2	7.4	0.9	65	< 0.2	1.3	0.183	< 0.1	111	1.4	69
18350E 17550N	0.034	3.9	< 1	< 0.1	6.5	< 0.5	36	< 0.2	1.1	0.157	< 0.1	127	0.1	59
18350E 17575N	0.031	4.7	< 1	0.1	5.8	< 0.5	46	< 0.2	0.9	0.153	< 0.1	108	< 0.1	37
18350E 17600N	0.097	7.5	< 1	0.2	10.5	1.1	25	< 0.2	3.6	0.271	< 0.1	179	0.3	57
18350E 17625N	0.041	11.4	< 1	0.2	7.7	1.1	47	< 0.2	1.9	0.118	< 0.1	113	58.5	55
18350E 17650N	0.115	6.6	< 1	0.2	4.6	2.0	59	< 0.2	0.3	0.072	< 0.1	90	0.3	59
18350E 17675N	0.071	8.6	< 1	0.1	6.8	1.5	31	< 0.2	1.6	0.137	0.1	107	0.2	61
18350E 17700N	0.439	4.5	< 1	0.1	0.5	2.6	15	< 0.2	< 0.1	0.005	< 0.1	14	0.2	13
18350E 17725N	0.186	8.3	< 1	0.2	6.1	< 0.5	39	< 0.2	2.3	0.190	< 0.1	192	< 0.1	33
18350E 17750N	0.087	6.5	< 1	0.2	6.4	0.5	24	< 0.2	2.3	0.118	< 0.1	120	0.2	43
18350E 17775N	0.219	18.5	< 1	0.2	5.6	0.6	26	< 0.2	2.3	0.114	< 0.1	141	0.2	32
18350E 17800N	0.083	8.9	< 1	0.2	5.5	< 0.5	25	< 0.2	1.4	0.119	< 0.1	114	0.3	28
18350E 17825N	0.209	12.0	< 1	0.3	6.1	0.8	12	< 0.2	2.1	0.080	< 0.1	105	0.9	53
18350E 17850N	0.052	6.5	< 1	0.2	5.9	< 0.5	17	< 0.2	1.9	0.111	< 0.1	132	0.2	38
18350E 17875N	0.087	13.8	< 1	0.1	2.5	1.2	29	< 0.2	0.2	0.043	0.1	66	0.2	47
18350E 17900N	0.022	6.3	< 1	0.1	4.0	< 0.5	37	< 0.2	1.2	0.123	< 0.1	88	< 0.1	18
18350E 17925N	0.029	12.6	< 1	0.2	4.4	< 0.5	43	< 0.2	1.1	0.153	< 0.1	70	< 0.1	31
18350E 17950N	0.051	10.8	< 1	< 0.1	3.2	< 0.5	27	< 0.2	0.5	0.129	< 0.1	57	0.2	43
18350E 17975N	0.020	4.5	< 1	0.1	3.1	< 0.5	28	< 0.2	0.9	0.122	< 0.1	103	< 0.1	17
18350E 18000N	0.078	6.1	< 1	0.2	4.5	< 0.5	20	< 0.2	3.0	0.124	< 0.1	115	0.1	29
18350E 18025N	0.062	6.8	< 1	0.2	4.2	< 0.5	18	< 0.2	1.6	0.185	< 0.1	145	0.2	25
18350E 18050N	0.030	8.8	< 1	0.2	3.0	0.5	21	< 0.2	0.8	0.117	< 0.1	68	0.2	18
18350E 18075N	0.022	4.8	< 1	0.1	4.3	< 0.5	28	< 0.2	2.6	0.122	< 0.1	103	0.1	36
18350E 18100N	0.081	13.9	< 1	0.3	7.4	< 0.5	68	< 0.2	1.4	0.181	< 0.1	109	0.2	57
18350E 18125N	0.023	4.9	< 1	0.2	4.1	0.7	29	< 0.2	0.9	0.108	< 0.1	71	0.1	40
18350E 18150N	0.021	4.8	< 1	0.2	3.6	0.5	28	< 0.2	0.8	0.111	< 0.1	68	0.1	43
18350E 18175N	0.120	7.2	< 1	0.2	6.7	0.9	20	< 0.2	2.9	0.134	< 0.1	116	0.2	49
18350E 18200N	0.017	3.1	< 1	< 0.1	1.6	< 0.5	14	< 0.2	1.1	0.098	< 0.1	69	< 0.1	12
18400E 17400N	0.067	4.4	< 1	0.2	7.4	0.7	27	< 0.2	0.9	0.038	< 0.1	159	0.2	37
18400E 17425N	0.078	5.1	< 1	0.2	6.9	< 0.5	70	< 0.2	1.2	0.171	< 0.1	126	0.2	56
18400E 17450N	0.052	5.9	< 1	0.2	5.4	0.9	64	< 0.2	0.5	0.116	< 0.1	104	0.1	49

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18400E 17475N	0.069	5.2	< 1	0.3	5.8	0.9	25	< 0.2	0.7	0.062	< 0.1	132	0.1	52
18400E 17500N	0.037	4.3	< 1	0.1	7.5	0.7	59	< 0.2	1.2	0.149	< 0.1	107	0.1	57
18400E 17525N	0.045	6.1	< 1	0.2	8.2	0.7	58	< 0.2	1.4	0.176	< 0.1	137	0.2	60
18400E 17550N	0.064	5.6	< 1	0.2	5.4	< 0.5	66	< 0.2	0.9	0.267	< 0.1	177	0.2	37
18400E 17575N	0.085	8.7	< 1	0.2	6.0	1.1	52	< 0.2	1.1	0.141	< 0.1	98	0.2	44
18400E 17600N	0.037	7.6	< 1	0.2	4.6	< 0.5	20	< 0.2	0.6	0.149	< 0.1	121	< 0.1	26
18400E 17625N	0.061	7.1	< 1	< 0.1	1.5	0.8	47	< 0.2	< 0.1	0.041	< 0.1	50	0.2	24
18400E 17650N	0.036	8.7	< 1	0.2	4.1	< 0.5	34	< 0.2	1.2	0.132	< 0.1	149	< 0.1	40
18400E 17675N	0.055	8.4	< 1	0.3	5.6	< 0.5	27	< 0.2	1.4	0.278	< 0.1	178	< 0.1	41
18400E 17700N	0.211	8.6	< 1	0.2	7.1	0.8	19	< 0.2	2.0	0.144	< 0.1	138	0.2	67
18400E 17725N	0.207	7.9	< 1	0.2	9.0	1.0	20	< 0.2	2.9	0.172	< 0.1	149	0.1	47
18400E 17750N	0.023	6.9	< 1	0.2	4.3	< 0.5	30	< 0.2	0.7	0.184	< 0.1	78	0.1	15
18400E 17775N	0.176	11.4	< 1	0.4	10.3	1.6	19	< 0.2	4.1	0.156	< 0.1	129	0.5	63
18400E 17800N	0.109	6.4	< 1	0.1	5.0	1.8	22	< 0.2	0.5	0.063	< 0.1	52	0.2	45
18400E 17825N	0.015	5.1	< 1	0.1	5.0	< 0.5	26	< 0.2	1.1	0.112	< 0.1	135	< 0.1	26
18400E 17850N	0.095	8.6	< 1	0.1	3.1	2.1	5	< 0.2	0.1	0.015	< 0.1	65	0.3	14
18400E 17875N	0.030	4.1	< 1	0.1	2.7	< 0.5	31	< 0.2	1.3	0.131	< 0.1	100	< 0.1	14
18400E 17900N	0.211	12.0	< 1	0.2	4.4	< 0.5	18	< 0.2	1.6	0.155	< 0.1	171	0.5	31
18400E 17925N	0.190	6.9	< 1	0.2	8.6	< 0.5	25	< 0.2	4.7	0.149	< 0.1	143	0.5	50
18400E 17950N	0.110	6.5	< 1	0.1	3.9	< 0.5	18	< 0.2	2.7	0.119	< 0.1	106	0.2	30
18400E 17975N	0.058	6.1	< 1	0.1	3.9	< 0.5	26	< 0.2	1.7	0.121	< 0.1	78	0.2	28
18400E 18000N	0.058	5.6	< 1	0.2	3.2	< 0.5	19	< 0.2	2.0	0.108	< 0.1	92	0.1	25
18400E 18025N	0.200	6.7	< 1	0.3	10.4	0.7	24	< 0.2	3.4	0.156	< 0.1	138	0.5	37
18400E 18050N	0.046	4.4	< 1	0.2	4.1	< 0.5	25	< 0.2	2.3	0.138	< 0.1	101	0.3	26
18400E 18075N	0.053	6.1	< 1	0.2	5.7	0.7	19	< 0.2	2.3	0.127	< 0.1	114	0.4	31
18400E 18100N	0.066	6.4	< 1	0.2	4.6	0.5	21	< 0.2	2.4	0.140	< 0.1	121	0.3	44
18400E 18125N	0.132	8.4	< 1	0.3	5.8	0.5	16	< 0.2	2.7	0.150	0.1	145	0.2	54
18400E 18150N	0.021	5.8	< 1	0.1	3.5	< 0.5	12	< 0.2	2.3	0.128	< 0.1	72	0.1	25
18400E 18175N	0.019	4.9	< 1	0.1	3.5	< 0.5	22	< 0.2	0.9	0.102	< 0.1	71	< 0.1	43
18400E 18200N	0.022	4.7	< 1	< 0.1	2.5	< 0.5	22	< 0.2	1.1	0.085	< 0.1	86	< 0.1	17
18450E 17400N	0.180	6.6	< 1	0.1	8.2	1.4	21	< 0.2	4.0	0.118	< 0.1	127	0.4	36
18450E 17425N	0.094	4.1	< 1	0.1	8.6	0.7	30	< 0.2	2.6	0.133	< 0.1	112	1.4	48
18450E 17450N	0.082	5.3	< 1	0.2	7.1	< 0.5	23	< 0.2	1.2	0.057	< 0.1	165	0.2	37
18450E 17475N	0.097	7.8	< 1	0.2	5.3	0.8	61	< 0.2	0.4	0.106	< 0.1	93	0.2	61
18450E 17500N	0.082	4.4	< 1	0.2	7.9	1.1	61	< 0.2	1.1	0.131	< 0.1	111	0.2	76
18450E 17525N	0.103	3.8	< 1	0.2	6.3	0.9	63	< 0.2	0.5	0.103	< 0.1	95	0.1	60
18450E 17550N	0.089	5.1	< 1	0.2	4.5	1.7	58	< 0.2	0.2	0.083	< 0.1	86	0.1	54
18450E 17575N	0.058	5.6	< 1	0.2	7.5	0.6	57	< 0.2	1.2	0.151	< 0.1	147	0.1	58
18450E 17600N	0.082	6.3	< 1	0.2	6.4	1.3	40	< 0.2	0.7	0.118	< 0.1	123	0.1	47
18450E 17625N	0.149	8.2	< 1	0.1	6.3	< 0.5	21	< 0.2	1.1	0.140	< 0.1	149	0.3	62
18450E 17650N	0.084	4.6	< 1	0.2	8.5	0.8	31	< 0.2	2.1	0.274	< 0.1	175	0.7	62
18450E 17675N	0.147	5.0	< 1	0.2	12.8	1.3	39	< 0.2	3.0	0.271	< 0.1	178	0.3	56
18450E 17700N	0.158	6.0	< 1	0.2	3.9	3.2	9	< 0.2	0.1	0.027	< 0.1	57	0.2	24
18450E 17725N	0.049	9.7	< 1	0.2	4.6	< 0.5	29	< 0.2	0.9	0.259	< 0.1	156	< 0.1	36
18450E 17750N	0.050	6.7	< 1	0.4	8.4	0.5	68	< 0.2	1.1	0.264	0.1	158	0.3	179
18450E 17775N	0.050	4.5	< 1	0.2	5.6	< 0.5	24	< 0.2	1.7	0.144	< 0.1	120	0.1	34
18450E 17800N	0.027	5.3	< 1	0.2	4.5	< 0.5	23	< 0.2	1.1	0.204	< 0.1	163	< 0.1	35
18450E 17825N	0.241	8.9	< 1	0.3	9.9	1.0	17	< 0.2	3.1	0.173	< 0.1	169	0.8	68
18450E 17850N	0.032	6.9	< 1	0.2	5.9	< 0.5	44	< 0.2	1.5	0.182	< 0.1	94	< 0.1	28
18450E 17875N	0.113	8.6	< 1	< 0.1	4.7	< 0.5	23	< 0.2	1.1	0.119	< 0.1	83	0.2	36
18450E 17900N	0.084	15.2	< 1	0.4	3.5	< 0.5	15	< 0.2	1.3	0.287	< 0.1	176	0.3	17

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18450E 17925N	0.153	10.9	< 1	0.3	3.6	< 0.5	18	< 0.2	1.7	0.162	< 0.1	163	0.2	27
18450E 17950N	0.040	8.0	< 1	0.3	2.6	< 0.5	18	< 0.2	1.0	0.362	< 0.1	192	< 0.1	25
18450E 17975N	0.019	11.5	< 1	0.1	2.7	< 0.5	26	< 0.2	0.6	0.122	< 0.1	52	< 0.1	21
18450E 18000N	0.036	4.7	< 1	0.2	3.7	< 0.5	16	< 0.2	1.2	0.199	< 0.1	143	< 0.1	34
18450E 18025N	0.028	9.9	< 1	0.1	2.5	0.5	17	< 0.2	0.8	0.049	< 0.1	47	0.3	26
18450E 18050N	0.079	5.3	< 1	0.1	4.8	< 0.5	24	< 0.2	1.9	0.171	< 0.1	149	0.2	37
18450E 18075N	0.082	4.8	< 1	0.1	10.5	1.4	16	< 0.2	3.9	0.105	< 0.1	98	0.3	38
18450E 18100N	0.038	10.1	< 1	0.1	5.4	< 0.5	28	< 0.2	1.1	0.132	< 0.1	83	0.1	51
18450E 18125N	0.057	7.1	< 1	0.3	4.4	< 0.5	17	< 0.2	1.7	0.180	< 0.1	151	0.4	37
18450E 18150N	0.084	7.3	< 1	0.2	3.9	1.6	16	< 0.2	0.7	0.070	0.1	68	0.1	83
18450E 18175N	0.047	5.0	< 1	0.2	4.5	0.6	16	< 0.2	1.9	0.136	< 0.1	115	0.2	42
18450E 18200N	0.036	7.9	< 1	0.2	3.2	< 0.5	13	< 0.2	0.8	0.080	< 0.1	73	0.1	20
18500E 17400N	0.065	5.8	< 1	0.1	4.9	< 0.5	22	< 0.2	1.2	0.165	< 0.1	125	< 0.1	18
18500E 17425N	0.192	6.2	< 1	0.2	8.0	0.8	25	< 0.2	2.5	0.150	< 0.1	171	0.2	59
18500E 17450N	0.036	4.9	< 1	0.1	3.9	< 0.5	18	< 0.2	0.5	0.125	< 0.1	137	< 0.1	16
18500E 17475N	0.154	5.0	< 1	0.1	7.6	0.6	21	< 0.2	1.5	0.084	< 0.1	131	0.2	51
18500E 17500N	0.174	5.9	< 1	0.1	6.1	0.9	18	< 0.2	1.5	0.060	< 0.1	115	0.2	43
18500E 17525N	0.084	7.1	< 1	0.2	5.6	1.7	53	< 0.2	0.5	0.109	< 0.1	90	0.3	66
18500E 17550N	0.059	4.8	< 1	0.2	7.2	0.9	66	< 0.2	0.8	0.134	< 0.1	105	0.1	61
18500E 17575N	0.047	4.8	< 1	0.2	7.5	1.0	51	< 0.2	1.3	0.140	< 0.1	121	0.2	55
18500E 17600N	0.034	6.8	< 1	0.2	7.0	0.7	56	< 0.2	1.3	0.147	< 0.1	129	0.2	52
18500E 17625N	0.064	5.8	< 1	0.3	4.7	< 0.5	30	< 0.2	0.9	0.427	< 0.1	391	0.4	23
18500E 17650N	0.139	16.8	< 1	0.2	9.2	0.6	31	< 0.2	1.8	0.185	< 0.1	182	< 0.1	63
18500E 17675N	0.093	9.5	< 1	0.2	4.3	< 0.5	22	< 0.2	0.8	0.194	< 0.1	174	0.2	26
18500E 17700N	0.058	10.5	< 1	0.2	6.4	< 0.5	33	< 0.2	1.6	0.170	< 0.1	145	0.2	69
18500E 17725N	0.026	7.9	< 1	0.2	4.7	< 0.5	28	< 0.2	1.0	0.135	< 0.1	120	0.4	31
18500E 17750N	0.068	8.3	< 1	0.2	5.4	< 0.5	19	< 0.2	1.4	0.126	< 0.1	136	0.2	38
18500E 17775N	0.026	15.0	< 1	0.2	2.8	< 0.5	18	< 0.2	1.2	0.260	< 0.1	98	< 0.1	11
18500E 17800N	0.221	6.8	< 1	0.1	7.5	0.6	29	< 0.2	3.1	0.151	< 0.1	139	0.2	48
18500E 17825N	0.032	16.4	< 1	0.2	2.9	< 0.5	18	< 0.2	1.1	0.266	< 0.1	98	< 0.1	14
18500E 17850N	0.030	5.3	< 1	0.1	2.5	< 0.5	21	< 0.2	1.5	0.110	< 0.1	114	< 0.1	13
18500E 17875N	0.096	7.0	< 1	0.3	4.3	0.5	17	< 0.2	2.8	0.160	< 0.1	137	0.3	22
18500E 17900N	0.036	9.4	< 1	0.2	5.3	< 0.5	23	< 0.2	1.3	0.165	< 0.1	75	0.2	50
18500E 17925N	0.125	6.5	< 1	0.2	3.3	< 0.5	14	< 0.2	1.6	0.131	< 0.1	133	0.3	23
18500E 17950N	0.044	6.1	< 1	0.2	2.9	0.5	18	< 0.2	0.8	0.095	< 0.1	100	0.3	28
18500E 17975N	0.031	7.9	< 1	0.2	4.5	< 0.5	15	< 0.2	0.9	0.161	< 0.1	109	0.3	39
18500E 18000N	0.015	5.2	< 1	0.3	2.8	< 0.5	13	< 0.2	0.7	0.178	< 0.1	109	0.2	21
18500E 18025N	0.052	6.4	< 1	0.3	3.9	< 0.5	23	< 0.2	1.2	0.160	< 0.1	104	0.4	47
18500E 18050N	0.080	5.7	< 1	0.2	3.8	0.6	16	< 0.2	2.1	0.172	< 0.1	134	0.3	30
18500E 18075N	0.016	3.9	< 1	< 0.1	2.6	< 0.5	43	< 0.2	0.9	0.082	< 0.1	61	< 0.1	25
18500E 18100N	0.026	4.2	< 1	0.2	3.8	< 0.5	18	< 0.2	1.3	0.136	< 0.1	96	0.3	32
18500E 18125N	0.040	3.5	< 1	0.1	2.4	0.9	18	< 0.2	1.6	0.093	< 0.1	70	0.2	24
18500E 18150N	0.032	4.6	< 1	0.1	4.4	< 0.5	11	< 0.2	1.3	0.141	< 0.1	112	0.2	22
18500E 18175N	0.039	5.4	< 1	0.2	4.1	< 0.5	20	< 0.2	2.4	0.102	< 0.1	119	0.2	37
18500E 18200N	0.008	3.6	< 1	< 0.1	1.5	< 0.5	15	< 0.2	1.0	0.064	< 0.1	59	0.1	11
18550E 17400N	0.148	3.5	< 1	0.4	9.4	0.9	37	< 0.2	1.3	0.221	< 0.1	318	0.2	54
18550E 17425N	0.091	5.2	< 1	0.2	5.2	< 0.5	43	< 0.2	0.8	0.149	< 0.1	147	0.3	25
18550E 17450N	0.054	4.9	< 1	0.2	4.5	< 0.5	34	< 0.2	1.2	0.160	< 0.1	156	0.2	27
18550E 17475N	0.164	3.7	< 1	0.2	9.4	0.8	35	< 0.2	1.1	0.126	< 0.1	189	0.5	93
18550E 17500N	0.045	9.7	< 1	0.2	6.1	< 0.5	32	< 0.2	1.0	0.096	< 0.1	95	0.1	63
18550E 17525N	0.074	5.9	< 1	0.1	4.4	1.1	49	< 0.2	0.2	0.072	< 0.1	71	0.1	48

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18550E 17550N	0.054	7.6	< 1	0.2	4.2	0.9	30	< 0.2	0.2	0.041	< 0.1	55	0.1	30
18550E 17575N	0.019	6.2	< 1	0.6	3.0	< 0.5	21	< 0.2	0.5	0.274	< 0.1	164	0.2	11
18550E 17625N	0.033	12.6	< 1	0.3	6.2	< 0.5	17	< 0.2	0.7	0.027	< 0.1	124	0.1	20
18550E 17650N	0.068	4.6	< 1	0.2	4.1	< 0.5	27	< 0.2	1.1	0.104	< 0.1	152	< 0.1	20
18550E 17675N	0.029	3.9	< 1	0.1	3.1	< 0.5	21	< 0.2	0.7	0.197	< 0.1	120	< 0.1	16
18550E 17700N	0.062	8.7	< 1	0.2	5.3	< 0.5	21	< 0.2	1.1	0.156	< 0.1	154	< 0.1	30
18550E 17725N	0.098	10.0	< 1	0.3	7.1	< 0.5	37	< 0.2	1.5	0.190	< 0.1	155	0.2	56
18550E 17750N	0.076	7.4	< 1	0.2	6.3	< 0.5	34	< 0.2	1.5	0.184	< 0.1	106	0.3	49
18550E 17775N	0.033	4.2	< 1	0.2	3.0	< 0.5	22	< 0.2	1.0	0.182	< 0.1	122	< 0.1	15
18550E 17800N	0.113	8.7	< 1	0.3	4.5	< 0.5	19	< 0.2	1.8	0.145	< 0.1	116	0.3	33
18550E 17825N	0.128	7.8	< 1	0.1	7.0	< 0.5	61	< 0.2	2.4	0.186	< 0.1	129	0.1	42
18550E 17850N	0.039	3.4	< 1	< 0.1	2.5	< 0.5	16	< 0.2	0.8	0.142	< 0.1	80	< 0.1	14
18550E 17875N	0.031	6.3	< 1	0.2	2.7	< 0.5	16	< 0.2	0.8	0.247	< 0.1	137	0.1	18
18550E 17900N	0.098	7.4	< 1	0.3	3.0	< 0.5	19	< 0.2	2.3	0.129	< 0.1	113	0.3	28
18550E 17925N	0.013	5.5	< 1	0.1	3.0	< 0.5	16	< 0.2	0.8	0.108	< 0.1	64	< 0.1	16
18550E 17950N	0.038	5.9	< 1	0.2	3.4	< 0.5	20	< 0.2	1.0	0.189	< 0.1	165	0.4	44
18550E 17975N	0.006	3.7	< 1	0.1	1.2	< 0.5	8	< 0.2	0.7	0.110	< 0.1	60	< 0.1	12
18550E 18000N	0.109	7.2	< 1	0.1	5.7	1.6	15	< 0.2	1.7	0.081	< 0.1	79	0.2	48
18550E 18025N	0.100	4.2	< 1	0.2	3.8	0.8	20	< 0.2	3.9	0.111	< 0.1	95	0.5	37
18550E 18050N	0.100	5.9	< 1	0.2	5.0	0.6	17	< 0.2	2.0	0.151	< 0.1	122	0.3	43
18550E 18075N	0.115	5.6	< 1	0.2	5.3	1.4	15	< 0.2	3.0	0.130	< 0.1	124	0.4	38
18550E 18100N	0.038	6.2	< 1	0.2	2.7	< 0.5	14	< 0.2	0.7	0.111	< 0.1	97	0.2	18
18550E 18125N	0.039	4.4	< 1	< 0.1	3.9	< 0.5	16	< 0.2	1.8	0.079	< 0.1	83	< 0.1	25
18550E 18150N	0.044	5.5	< 1	0.2	3.2	< 0.5	13	< 0.2	1.3	0.130	< 0.1	101	0.1	24
18550E 18175N	0.010	5.9	< 1	0.2	1.3	< 0.5	11	< 0.2	0.7	0.088	< 0.1	45	< 0.1	12
18550E 18200N	0.029	6.3	< 1	0.1	7.0	< 0.5	16	< 0.2	1.4	0.103	< 0.1	107	< 0.1	74
18600E 17400N	0.145	5.7	< 1	0.2	6.6	0.7	22	< 0.2	2.6	0.140	< 0.1	134	0.3	42
18600E 17425N	0.066	5.2	< 1	0.2	5.6	< 0.5	32	< 0.2	1.2	0.147	< 0.1	108	0.2	31
18600E 17450N	0.052	4.7	< 1	0.2	4.0	< 0.5	24	< 0.2	1.2	0.139	< 0.1	116	< 0.1	23
18600E 17475N	0.019	3.9	< 1	< 0.1	3.4	< 0.5	12	< 0.2	0.5	0.017	< 0.1	63	< 0.1	16
18600E 17500N	0.100	3.2	< 1	0.1	7.7	< 0.5	15	< 0.2	0.7	0.043	< 0.1	178	0.1	30
18600E 17525N	0.067	3.7	< 1	0.2	1.6	1.1	78	< 0.2	0.1	0.002	< 0.1	12	0.2	17
18600E 17550N	0.028	4.9	< 1	0.2	9.2	< 0.5	32	< 0.2	2.7	0.134	< 0.1	93	0.3	42
18600E 17575N	0.033	8.1	< 1	0.3	3.9	< 0.5	26	< 0.2	0.7	0.153	< 0.1	124	< 0.1	20
18600E 17600N	0.032	11.6	< 1	0.3	4.2	< 0.5	31	< 0.2	0.5	0.144	< 0.1	66	< 0.1	21
18600E 17625N	0.418	6.9	< 1	0.3	14.0	3.2	12	0.3	3.2	0.126	< 0.1	206	0.5	42
18600E 17650N	0.124	3.6	< 1	0.3	6.0	< 0.5	19	0.2	1.3	0.169	< 0.1	159	0.2	29
18600E 17675N	0.089	4.0	< 1	0.3	6.4	< 0.5	22	< 0.2	1.1	0.175	< 0.1	220	0.2	44
18600E 17700N	0.056	6.4	< 1	0.3	5.7	< 0.5	26	< 0.2	0.9	0.188	< 0.1	265	0.3	42
18600E 17725N	0.048	6.4	< 1	0.2	5.7	< 0.5	56	< 0.2	0.8	0.276	< 0.1	163	< 0.1	22
18600E 17750N	0.079	6.4	< 1	0.3	4.4	< 0.5	22	< 0.2	1.2	0.226	< 0.1	158	0.1	32
18600E 17775N	0.078	6.3	< 1	0.3	8.3	0.8	28	< 0.2	4.9	0.193	< 0.1	127	0.4	43
18600E 17800N	0.028	8.9	< 1	0.2	4.1	< 0.5	12	< 0.2	0.5	0.230	< 0.1	154	0.1	21
18600E 17825N	0.109	6.0	< 1	0.3	5.7	< 0.5	27	0.3	0.5	0.279	< 0.1	238	0.4	29
18600E 17850N	0.041	6.1	< 1	0.1	2.7	< 0.5	17	< 0.2	0.9	0.131	< 0.1	94	0.1	19
18600E 17875N	0.172	8.1	< 1	0.2	4.5	0.8	15	< 0.2	2.3	0.066	< 0.1	69	0.2	21
18600E 17900N	0.015	2.9	< 1	0.1	1.3	< 0.5	11	< 0.2	0.8	0.098	< 0.1	76	< 0.1	10
18600E 17925N	0.020	6.7	< 1	0.1	4.9	< 0.5	24	< 0.2	0.8	0.211	< 0.1	85	0.2	35
18600E 17950N	0.069	11.8	< 1	0.3	7.2	< 0.5	31	< 0.2	1.6	0.156	< 0.1	98	0.4	49
18600E 17975N	0.081	6.2	< 1	0.1	3.8	0.7	15	< 0.2	0.7	0.105	< 0.1	68	1.0	42
18600E 18000N	0.140	8.3	< 1	0.3	4.7	< 0.5	19	< 0.2	1.3	0.146	< 0.1	141	0.2	42

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18600E 18025N	0.072	8.0	< 1	0.2	5.5	0.7	14	< 0.2	1.4	0.139	< 0.1	105	0.1	51
18600E 18050N	0.031	5.6	< 1	0.2	6.3	< 0.5	16	< 0.2	1.4	0.195	< 0.1	123	0.1	48
18600E 18075N	0.035	6.0	< 1	0.2	4.5	< 0.5	19	< 0.2	1.5	0.141	< 0.1	122	0.2	57
18600E 18100N	0.018	3.8	< 1	0.1	4.0	< 0.5	20	< 0.2	1.0	0.118	< 0.1	103	0.1	48
18600E 18125N	0.010	5.6	< 1	0.1	2.5	< 0.5	16	< 0.2	0.7	0.079	< 0.1	58	< 0.1	24
18600E 18150N	0.017	4.4	< 1	0.2	4.5	< 0.5	11	< 0.2	0.7	0.131	< 0.1	92	< 0.1	22
18600E 18175N	0.022	5.6	< 1	0.2	7.7	< 0.5	16	< 0.2	1.2	0.176	< 0.1	104	0.2	80
18600E 18200N	0.016	4.4	< 1	0.2	4.5	< 0.5	14	< 0.2	1.2	0.117	< 0.1	88	< 0.1	37
18650E 17400N	0.172	5.1	< 1	0.1	8.0	0.7	21	< 0.2	2.7	0.112	< 0.1	112	0.2	56
18650E 17425N	0.042	6.0	< 1	0.2	6.7	< 0.5	39	< 0.2	1.2	0.147	< 0.1	101	0.1	86
18650E 17450N	0.048	4.4	< 1	0.2	5.4	< 0.5	29	< 0.2	1.4	0.120	< 0.1	120	0.1	51
18650E 17475N	0.034	5.0	< 1	0.1	6.6	< 0.5	34	< 0.2	1.1	0.142	0.1	95	0.3	137
18650E 17500N	0.106	7.8	< 1	0.3	6.2	< 0.5	28	< 0.2	0.9	0.192	< 0.1	207	0.2	32
18650E 17525N	0.012	12.9	< 1	0.3	4.5	< 0.5	35	< 0.2	0.9	0.169	< 0.1	159	< 0.1	20
18650E 17550N	0.048	8.8	< 1	0.2	4.9	< 0.5	41	< 0.2	0.5	0.105	< 0.1	112	< 0.1	62
18650E 17575N	0.078	4.8	< 1	0.2	5.3	< 0.5	21	< 0.2	1.3	0.211	< 0.1	250	< 0.1	39
18650E 17600N	0.090	5.2	< 1	0.2	6.3	< 0.5	20	< 0.2	1.8	0.214	< 0.1	224	0.1	43
18650E 17625N	0.075	4.6	< 1	0.2	7.5	< 0.5	25	< 0.2	1.9	0.170	< 0.1	199	0.2	34
18650E 17650N	0.082	4.0	< 1	0.2	7.2	0.5	23	< 0.2	2.1	0.171	< 0.1	151	0.3	40
18650E 17675N	0.126	1.5	< 1	0.1	16.8	< 0.5	18	< 0.2	1.4	0.314	< 0.1	164	0.4	117
18650E 17700N	0.098	7.2	< 1	0.2	6.0	1.4	44	< 0.2	1.2	0.090	< 0.1	88	0.2	85
18650E 17725N	0.088	3.7	< 1	0.2	8.0	< 0.5	29	< 0.2	1.3	0.305	< 0.1	207	1.4	66
18650E 17750N	0.051	4.2	< 1	0.2	3.7	< 0.5	21	< 0.2	0.8	0.287	< 0.1	155	< 0.1	24
18650E 17775N	0.140	6.4	< 1	0.2	18.4	< 0.5	46	< 0.2	0.9	0.227	< 0.1	243	0.2	148
18650E 17800N	0.043	7.4	< 1	0.2	4.7	< 0.5	21	< 0.2	1.3	0.146	< 0.1	120	< 0.1	36
18650E 17825N	0.046	33.4	< 1	0.4	3.3	< 0.5	15	< 0.2	0.9	0.155	< 0.1	122	< 0.1	364
18650E 17850N	0.063	11.2	< 1	0.1	4.7	0.6	23	< 0.2	1.8	0.091	< 0.1	76	0.3	31
18650E 17875N	0.031	40.6	< 1	< 0.1	2.4	< 0.5	11	< 0.2	1.1	0.110	< 0.1	78	< 0.1	17
18650E 17900N	0.071	7.7	< 1	0.2	4.7	0.7	19	< 0.2	1.4	0.117	< 0.1	89	0.4	38
18650E 17925N	0.015	5.2	< 1	0.1	5.7	< 0.5	21	< 0.2	0.9	0.150	< 0.1	103	0.1	43
18650E 17950N	0.099	19.7	< 1	0.2	4.5	1.0	37	< 0.2	0.4	0.050	0.2	45	0.3	110
18650E 17975N	0.044	5.3	< 1	0.3	6.5	< 0.5	14	< 0.2	1.2	0.196	< 0.1	143	0.3	83
18650E 18000N	0.054	8.5	< 1	0.2	7.0	< 0.5	8	< 0.2	1.3	0.141	< 0.1	125	0.4	50
18650E 18025N	0.083	6.0	< 1	0.2	3.3	< 0.5	11	< 0.2	1.6	0.137	< 0.1	123	0.1	42
18650E 18050N	0.270	6.8	< 1	0.2	7.2	0.9	7	< 0.2	3.6	0.088	< 0.1	139	0.2	44
18650E 18075N	0.052	6.2	< 1	0.2	5.3	< 0.5	16	< 0.2	2.3	0.140	< 0.1	108	< 0.1	50
18650E 18100N	0.092	7.8	< 1	0.3	5.6	< 0.5	13	< 0.2	2.1	0.155	< 0.1	134	0.3	48
18650E 18125N	0.047	4.8	< 1	0.1	4.7	< 0.5	16	< 0.2	2.7	0.127	< 0.1	97	< 0.1	34
18650E 18150N	0.059	5.9	< 1	0.2	3.3	< 0.5	13	< 0.2	1.6	0.113	< 0.1	98	< 0.1	39
18650E 18175N	0.043	4.6	< 1	0.1	2.4	< 0.5	14	< 0.2	1.0	0.099	< 0.1	88	0.1	18
18650E 18200N	0.109	5.3	< 1	0.2	8.0	0.7	18	< 0.2	1.7	0.146	< 0.1	117	0.4	65
18700E 17400N	0.080	4.6	< 1	0.2	7.8	< 0.5	33	< 0.2	1.9	0.144	< 0.1	116	0.3	52
18700E 17425N	0.079	11.1	< 1	0.2	5.1	< 0.5	42	< 0.2	0.8	0.107	< 0.1	93	0.2	119
18700E 17450N	0.055	6.1	< 1	0.2	5.4	< 0.5	31	< 0.2	1.1	0.176	< 0.1	141	0.1	46
18700E 17475N	0.106	4.6	< 1	0.2	8.5	< 0.5	32	< 0.2	1.6	0.170	< 0.1	124	0.3	127
18700E 17500N	0.032	8.8	< 1	0.3	3.7	< 0.5	31	< 0.2	0.6	0.111	< 0.1	107	0.1	54
18700E 17525N	0.096	4.4	< 1	0.2	12.6	< 0.5	23	< 0.2	2.9	0.156	< 0.1	151	0.2	45
18700E 17550N	0.058	12.9	< 1	0.5	5.0	< 0.5	41	< 0.2	1.0	0.140	0.1	282	0.2	109
18700E 17575N	0.032	4.8	< 1	0.2	5.9	< 0.5	30	< 0.2	1.3	0.183	< 0.1	187	0.2	41
18700E 17600N	0.022	3.6	< 1	0.4	5.2	< 0.5	38	< 0.2	0.3	0.213	< 0.1	185	< 0.1	34
18700E 17625N	0.028	4.7	< 1	0.2	3.6	< 0.5	22	< 0.2	0.9	0.237	< 0.1	166	< 0.1	22

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18700E 17650N	0.017	5.3	< 1	0.2	3.0	< 0.5	22	< 0.2	0.8	0.207	< 0.1	167	< 0.1	16
18700E 17675N	0.042	6.7	< 1	0.3	4.5	< 0.5	27	< 0.2	1.0	0.478	< 0.1	190	< 0.1	18
18700E 17700N	0.074	9.5	< 1	0.3	8.1	< 0.5	23	< 0.2	1.6	0.276	< 0.1	151	0.8	38
18700E 17725N	0.088	5.4	< 1	0.2	5.9	1.6	40	< 0.2	0.7	0.074	< 0.1	90	0.1	89
18700E 17750N	0.105	5.2	< 1	0.1	6.6	0.9	23	< 0.2	1.7	0.136	< 0.1	115	0.3	35
18700E 17775N	0.051	6.4	< 1	0.2	3.7	< 0.5	23	< 0.2	1.2	0.207	< 0.1	121	< 0.1	28
18700E 17800N	0.042	5.4	< 1	0.1	2.9	< 0.5	18	< 0.2	0.9	0.188	< 0.1	128	< 0.1	22
18700E 17825N	0.116	5.9	< 1	0.2	6.1	1.0	20	< 0.2	3.7	0.124	< 0.1	94	0.5	29
18700E 17850N	0.014	4.1	< 1	0.2	3.0	< 0.5	20	< 0.2	1.2	0.175	< 0.1	103	< 0.1	23
18700E 17875N	0.073	17.6	< 1	0.3	6.9	< 0.5	35	< 0.2	1.4	0.130	< 0.1	93	0.2	74
18700E 17900N	0.063	7.9	< 1	0.2	6.6	< 0.5	31	< 0.2	1.5	0.119	< 0.1	82	4.2	70
18700E 17925N	0.061	7.3	< 1	< 0.1	4.3	< 0.5	19	< 0.2	0.8	0.121	< 0.1	111	0.4	42
18700E 17950N	0.050	6.0	< 1	0.2	3.4	< 0.5	13	< 0.2	0.9	0.144	< 0.1	158	0.2	44
18700E 17975N	0.010	5.1	< 1	0.1	2.4	< 0.5	15	< 0.2	0.9	0.157	< 0.1	74	< 0.1	14
18700E 18000N	0.111	14.3	< 1	0.1	4.2	1.0	27	< 0.2	0.6	0.055	0.3	54	0.3	200
18700E 18025N	0.046	4.7	< 1	0.2	4.2	< 0.5	11	< 0.2	1.3	0.117	< 0.1	115	0.2	41
18700E 18050N	0.049	6.5	< 1	0.2	4.5	< 0.5	13	< 0.2	1.7	0.168	< 0.1	145	< 0.1	39
18700E 18075N	0.015	4.4	< 1	0.2	8.0	< 0.5	8	< 0.2	0.7	0.041	< 0.1	141	0.2	39
18700E 18100N	0.017	4.7	< 1	0.2	8.2	< 0.5	10	< 0.2	0.7	0.045	< 0.1	149	0.4	44
18700E 18125N	0.072	12.9	< 1	0.2	3.7	< 0.5	18	< 0.2	1.3	0.089	< 0.1	62	0.1	87
18700E 18150N	0.113	6.9	< 1	0.2	7.6	3.7	7	< 0.2	4.0	0.063	< 0.1	54	0.2	41
18700E 18175N	0.013	3.7	< 1	< 0.1	2.6	< 0.5	12	< 0.2	1.1	0.105	< 0.1	74	< 0.1	19
18700E 18200N	0.059	6.9	< 1	0.3	7.6	0.8	14	< 0.2	3.5	0.087	< 0.1	87	0.5	35

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 922 (AQUA REGIA) Meas		0.8	2.57	6.6			29.9	14.1	0.40	0.3	19.4	46	2200	5.07	8		0.47	35	1.33	739	0.7	0.023	35.2
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 922 (AQUA REGIA) Meas		0.8	2.68	5.8			31.1	13.6	0.37	0.3	18.4	44	2140	5.38	7		0.39	31	1.46	735	0.7	0.021	34.1
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 922 (AQUA REGIA) Meas													2200										
OREAS 922 (AQUA REGIA) Cert													2176										
OREAS 907 (Aqua Regia) Meas		1.3	1.16	35.8	73.3		250	22.7	0.25	0.5	41.1	8	6370	7.62	16		0.35	37	0.21	309	5.5	0.080	4.3
OREAS 907 (Aqua Regia) Cert		1.30	0.945	37.0	101		225	22.3	0.280	0.540	43.7	8.59	6370	8.18	14.7		0.286	36.1	0.221	330	5.64	0.0860	4.74
Oreas 621 (Aqua Regia) Meas		61.3	1.68	70.6	> 1000			3.9	1.51	252.9	26.2	31	3920	3.14	9	> 50.0	0.30	17	0.33	481	12.9	0.173	23.5
Oreas 621 (Aqua Regia) Cert		68.0	1.60	75.0	1230			3.85	1.65	278	27.9	31.3	3660	3.43	9.29	3.93	0.333	19.4	0.436	520	13.3	0.160	25.8
Oreas 621 (Aqua Regia) Meas		65.2	1.78	74.7	> 1000			4.0	1.61	270.2	27.2	34	3380	3.20	9	> 50.0	0.37	18	0.35	492	13.9	0.183	25.1
Oreas 621 (Aqua Regia) Cert		68.0	1.60	75.0	1230			3.85	1.65	278	27.9	31.3	3660	3.43	9.29	3.93	0.333	19.4	0.436	520	13.3	0.160	25.8
Oreas 621 (Aqua Regia) Meas		64.0	1.84	79.7	> 1000			4.2	1.68	294.6	30.6	37	3610	3.72	10	4.01	0.32	18	0.50	571	14.5	0.191	28.7
Oreas 621 (Aqua Regia) Cert		68.0	1.60	75.0	1230			3.85	1.65	278	27.9	31.3	3660	3.43	9.29	3.93	0.333	19.4	0.436	520	13.3	0.160	25.8
Oreas 621 (Aqua Regia) Meas													3920										
Oreas 621 (Aqua Regia) Cert													3660										
OREAS 239 (Fire Assay) Meas	3720																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3760																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3680																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3610																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3590																						
OREAS 239 (Fire Assay) Cert	3550																						

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 239 (Fire Assay) Meas	3520																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3510																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3550																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 130 (Aqua Regia) Meas		6.1	1.15	214				3.1	1.69	29.9	27.1	25	249	7.21	5	0.65	0.56	22	0.93	1640	8.3		34.2
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
OREAS 130 (Aqua Regia) Meas		6.3	1.20	211				3.1	1.74	29.2	27.2	26	228	6.85	5	> 50.0	0.52	24	0.97	1570	8.7		34.7
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
OREAS 130 (Aqua Regia) Meas		6.3	1.09	209				3.2	1.70	30.8	28.5	25	236	7.55	5	0.74	0.50	24	0.92	1630	8.4		34.9
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2
OREAS 130 (Aqua Regia) Meas													248										
OREAS 130 (Aqua Regia) Cert													226										
OREAS 153b (Aqua Regia) Meas		1.5	2.52	81.3	306		19.6	1.7	1.35	0.3	15.7	18	6910	3.72	8	> 50.0	0.37	4	1.64	252	165	0.166	10.8
OREAS 153b (Aqua Regia) Cert		1.40	2.28	80.0	320		22.8	1.81	1.32	0.240	14.9	16.2	6700	3.60	8.06	0.0660	0.365	3.79	1.47	240	156	0.148	11.1
OREAS 153b (Aqua Regia) Meas		1.4	2.46	79.6	255		14.9	1.6	1.39	0.2	15.3	17	6850	3.95	8	0.06	0.33	4	1.63	264	155	0.157	11.6
OREAS 153b (Aqua Regia) Cert		1.40	2.28	80.0	320		22.8	1.81	1.32	0.240	14.9	16.2	6700	3.60	8.06	0.0660	0.365	3.79	1.47	240	156	0.148	11.1
OREAS 153b (Aqua Regia) Meas													6910										
OREAS 153b (Aqua Regia) Cert													6700										
Oreas 623 (Aqua Regia) Meas		19.3	1.59	76.0	802			17.5	0.93	52.2	204	18	> 10000	11.4	12	0.69	0.17	16	1.01	539	9.3	0.075	15.3
Oreas 623 (Aqua Regia) Cert		20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6
Oreas 623 (Aqua Regia) Meas		19.2	1.59	76.8	837			17.2	0.95	52.0	207	18	> 10000	11.7	12	> 50.0	0.17	17	1.07	509	9.3	0.067	14.9
Oreas 623 (Aqua Regia) Cert		20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6
Oreas 623 (Aqua Regia) Meas		17.8	1.47	74.8	699			16.3	1.05	52.8	199	16	> 10000	11.4	11	0.63	0.14	16	1.02	514	8.5	0.060	13.8
Oreas 623 (Aqua Regia) Cert		20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas 623 (Aqua Regia) Meas													> 10000										
Oreas 623 (Aqua Regia) Cert													17200										
Oreas E1336 (Fire Assay) Meas	519																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	521																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	509																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	598																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	508																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	510																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	488																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	497																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	511																						
Oreas E1336 (Fire Assay) Cert	510																						
18250E 17525N Orig	< 6	0.1	2.31	2.4	< 0.5	< 20	38.7	< 0.1	0.45	< 0.1	4.5	15	13.8	3.70	11	0.11	0.05	9	0.80	228	0.3	0.030	4.2
18250E 17525N Dup	< 6	0.1	2.44	2.0	< 0.5	< 20	37.1	< 0.1	0.48	< 0.1	5.3	16	12.9	3.96	12	0.10	0.06	9	0.80	248	0.3	0.028	4.4
18250E 17525N Orig													8.1										
18250E 17525N Dup													6.8										
18250E 17825N Orig	< 6																						
18250E 17825N Dup	< 6																						
18250E 17975N Orig		0.3	5.68	4.2	< 0.5	< 20	50.7	0.1	0.22	0.3	32.0	22	38.7	4.50	8	0.24	0.03	13	0.19	612	6.7	0.017	8.0
18250E 17975N Dup		0.3	5.50	4.6	< 0.5	< 20	54.8	0.2	0.22	0.3	33.6	23	41.1	4.87	8	0.24	0.03	14	0.20	614	6.7	0.019	8.4
18250E 17975N Orig													36.5										

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18250E 17975N Dup													38.9										
18250E 18050N Orig	< 6																						
18250E 18050N Dup	< 6																						
18300E 17575N Orig		0.1	2.90	5.3	< 0.5	< 20	77.5	< 0.1	0.92	0.1	17.5	37	63.8	3.86	6	0.07	0.05	12	1.25	974	0.6	0.037	17.6
18300E 17575N Dup		< 0.1	2.58	4.1	0.5	< 20	68.2	< 0.1	0.90	0.1	15.5	33	59.2	3.46	6	0.07	0.05	12	1.09	794	0.6	0.030	16.1
18300E 17575N Orig													60.5										
18300E 17575N Dup													56.1										
18300E 17600N Orig	8																						
18300E 17600N Dup	6																						
18300E 17850N Orig	< 6																						
18300E 17850N Dup	< 6																						
18300E 18075N Orig		< 0.1	3.24	3.2	< 0.5	< 20	30.5	0.1	0.19	< 0.1	4.2	27	25.8	4.85	13	0.17	0.03	5	0.34	159	4.2	0.018	5.6
18300E 18075N Dup		< 0.1	2.98	3.3	3.4	< 20	27.5	0.1	0.18	< 0.1	3.8	22	23.4	4.68	11	0.13	0.02	5	0.30	139	3.7	0.018	5.0
18300E 18075N Orig													22.5										
18300E 18075N Dup													20.2										
18300E 18125N Orig	< 6																						
18300E 18125N Dup	< 6																						
18350E 17575N Orig		< 0.1	1.59	1.7	< 0.5	< 20	47.3	< 0.1	0.50	< 0.1	7.8	27	14.3	2.97	8	0.03	0.04	7	0.69	284	0.4	0.020	8.7
18350E 17575N Dup		< 0.1	1.78	1.9	< 0.5	< 20	47.1	< 0.1	0.50	< 0.1	7.8	27	14.8	3.12	8	0.03	0.04	7	0.67	299	0.4	0.021	8.8
18350E 17575N Orig													11.0										
18350E 17575N Dup													11.6										
18350E 17675N Orig	< 6																						
18350E 17675N Dup	< 6																						
18350E 17850N Orig		0.3	3.14	6.2	< 0.5	< 20	32.1	0.2	0.13	< 0.1	3.5	25	30.2	5.10	14	0.13	0.03	5	0.28	196	1.2	0.014	4.7
18350E 17850N Dup		0.3	3.17	5.9	< 0.5	< 20	32.1	0.2	0.15	< 0.1	3.3	24	28.6	5.27	13	0.12	0.03	5	0.29	195	1.2	0.013	4.9
18350E 17850N Orig													27.7										
18350E 17850N Dup													26.1										
18350E 17925N Orig	< 6																						
18350E 17925N Dup	< 6																						

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18350E 18175N Orig		< 0.1	4.18	5.5	< 0.5	< 20	39.2	0.2	0.22	< 0.1	5.0	24	59.9	4.97	12	0.14	0.03	6	0.33	235	21.3	0.016	7.9
18350E 18175N Dup		< 0.1	3.94	5.4	< 0.5	< 20	38.6	0.2	0.23	< 0.1	5.1	22	61.3	4.77	12	0.13	0.03	6	0.32	211	20.0	0.018	7.3
18350E 18175N Orig													57.0										
18350E 18175N Dup													58.1										
18350E 18200N Orig	< 6																						
18350E 18200N Dup	< 6																						
18400E 17750N Orig	< 6	< 0.1	0.87	2.1	3.7	< 20	19.9	0.2	0.34	< 0.1	1.6	10	12.0	1.46	8	0.05	0.02	6	0.10	229	0.4	0.013	2.1
18400E 17750N Dup	< 6	< 0.1	0.90	2.4	2.8	< 20	21.6	0.2	0.33	< 0.1	1.6	10	12.6	1.48	8	0.05	0.02	6	0.10	234	0.3	0.016	2.3
18400E 18000N Orig	< 6																						
18400E 18000N Dup	< 6																						
18400E 18075N Orig		0.1	3.15	4.9	< 0.5	< 20	41.4	0.1	0.20	< 0.1	5.7	22	37.2	3.62	12	0.13	0.03	9	0.39	192	2.9	0.017	6.4
18400E 18075N Dup		0.1	3.18	4.3	< 0.5	< 20	42.0	0.1	0.21	< 0.1	6.0	23	37.4	3.66	12	0.13	0.03	8	0.38	190	3.1	0.018	6.3
18400E 18075N Orig													34.5										
18400E 18075N Dup													34.5										
18450E 17450N Orig	12																						
18450E 17450N Dup	7																						
18450E 17550N Orig		0.2	3.05	53.1	< 0.5	< 20	170	< 0.1	0.87	0.5	23.6	31	61.5	3.23	4	0.12	0.06	17	0.86	1760	0.8	0.023	16.4
18450E 17550N Dup		0.2	3.19	49.1	< 0.5	< 20	128	< 0.1	0.85	0.4	23.8	30	60.2	3.27	5	0.13	0.05	15	0.88	1800	0.7	0.022	16.9
18450E 17550N Orig													59.7										
18450E 17550N Dup													58.3										
18450E 17825N Orig	7																						
18450E 17825N Dup	7																						
18450E 17975N Orig		< 0.1	1.19	0.5	< 0.5	< 20	40.9	0.2	0.22	< 0.1	3.6	9	7.0	1.08	9	0.03	0.02	5	0.20	190	3.0	0.014	3.5
18450E 17975N Dup		< 0.1	1.24	1.4	< 0.5	< 20	43.6	0.2	0.24	< 0.1	3.9	9	7.8	1.12	10	0.02	0.03	6	0.22	198	3.1	0.015	3.6
18450E 17975N Orig													4.3										
18450E 17975N Dup													5.2										
18450E 18075N Orig	< 6																						
18450E 18075N Dup	< 6																						
18500E 17525N Orig	9																						

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18500E 17525N Dup	24																						
18500E 17700N Orig		0.2	2.83	24.9	1.5	< 20	47.6	0.1	0.36	< 0.1	11.8	24	91.3	4.34	12	0.11	0.05	8	0.70	279	3.3	0.018	10.5
18500E 17700N Dup		0.1	2.88	27.6	< 0.5	< 20	45.4	0.2	0.35	< 0.1	12.1	24	87.9	4.39	12	0.11	0.04	8	0.67	271	3.3	0.018	9.9
18500E 17700N Orig													87.8										
18500E 17700N Dup													84.3										
18500E 17900N Orig	7	< 0.1	1.88	2.0	< 0.5	< 20	37.6	0.2	0.29	< 0.1	5.1	17	16.7	2.32	13	> 50.0	0.06	8	0.56	289	2.4	0.016	6.9
18500E 17900N Dup	12	< 0.1	1.90	2.5	< 0.5	< 20	36.9	0.2	0.28	< 0.1	5.4	17	16.0	2.42	14	36.8	0.06	8	0.55	292	2.3	0.017	7.5
18500E 18175N Orig	< 6																						
18500E 18175N Dup	6																						
18550E 17425N Orig		0.2	1.99	17.3	< 0.5	< 20	21.1	< 0.1	0.35	< 0.1	4.4	33	19.3	3.73	12	> 50.0	0.03	4	0.39	164	0.5	0.014	7.7
18550E 17425N Dup		0.2	1.94	17.3	< 0.5	< 20	22.5	< 0.1	0.38	< 0.1	4.7	35	19.4	4.18	13	> 50.0	0.04	5	0.40	174	0.5	0.013	7.9
18550E 17625N Orig	14																						
18550E 17625N Dup	12																						
18550E 17850N Orig	10																						
18550E 17850N Dup	< 6																						
18550E 17900N Orig		< 0.1	2.21	4.9	< 0.5	< 20	26.3	0.2	0.20	< 0.1	3.4	24	31.6	4.20	12	> 50.0	0.03	5	0.29	155	2.3	0.015	5.1
18550E 17900N Dup		< 0.1	2.19	4.6	< 0.5	< 20	28.5	0.2	0.22	< 0.1	3.8	24	32.6	4.52	13	> 50.0	0.04	5	0.29	158	2.4	0.017	5.2
18550E 18100N Orig	< 10																						
18550E 18100N Dup	< 10																						
18600E 17675N Orig		0.2	2.48	8.4	< 0.5	< 20	23.8	0.2	0.30	< 0.1	7.8	18	76.4	6.24	14	> 50.0	0.03	6	0.37	214	0.7	0.355	7.2
18600E 17675N Dup		0.2	2.58	7.0	< 0.5	< 20	23.0	0.2	0.31	< 0.1	8.4	18	74.2	6.12	14	> 50.0	0.03	6	0.48	210	0.7	0.020	7.1
18600E 17750N Orig	< 10																						
18600E 17750N Dup	< 10																						
18600E 17925N Orig	7																						
18600E 17925N Dup	14																						
18600E 18025N Orig		0.2	3.04	9.7	< 0.5	< 20	48.6	0.2	0.22	< 0.1	4.4	17	47.9	3.64	12	> 50.0	0.04	9	0.30	170	2.5	0.015	5.2
18600E 18025N Dup		0.2	3.17	10.3	< 0.5	< 20	49.8	0.2	0.22	< 0.1	4.8	18	55.9	3.97	13	> 50.0	0.05	10	0.31	187	2.8	0.016	6.0
18600E 18175N Orig	< 6																						
18600E 18175N Dup	< 6																						

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18650E 17550N Orig		0.2	2.25	57.7	< 0.5	< 20	139	0.2	0.76	0.3	16.0	16	31.5	3.24	14	> 50.0	0.05	11	0.47	819	1.8	0.019	7.3
18650E 17550N Dup		0.2	2.25	60.3	< 0.5	< 20	127	0.2	0.73	0.3	15.4	16	31.7	3.13	13	> 50.0	0.05	10	0.45	788	1.7	0.016	7.2
18650E 17625N Orig	< 10																						
18650E 17625N Dup	< 10																						
18650E 18000N Orig	7																						
18650E 18000N Dup	8																						
18650E 18100N Orig		< 0.1	4.47	5.8	< 0.5	< 20	33.5	0.2	0.19	< 0.1	4.8	31	28.6	6.30	17	> 50.0	0.05	5	0.44	225	2.3	0.015	6.1
18650E 18100N Dup		< 0.1	4.29	6.3	< 0.5	< 20	34.3	0.2	0.17	< 0.1	4.6	30	28.8	5.80	16	> 50.0	0.05	5	0.42	214	2.3	0.015	6.6
18700E 17450N Orig	< 10																						
18700E 17450N Dup	< 10																						
18700E 17625N Orig		< 0.1	1.19	4.7	< 0.5	< 20	34.0	0.3	0.34	< 0.1	4.3	13	26.3	5.05	17	< 0.01	0.02	6	0.20	176	1.0	0.020	2.9
18700E 17625N Dup		0.1	1.20	5.9	< 0.5	< 20	35.5	0.3	0.34	< 0.1	4.5	13	26.0	5.19	18	< 0.01	0.02	7	0.21	189	0.9	0.021	2.8
18700E 17725N Orig	89																						
18700E 17725N Dup	< 10																						
18700E 17875N Orig		0.1	3.00	11.0	< 0.5	< 20	90.2	0.2	0.65	0.2	29.9	28	81.4	3.73	8	> 50.0	0.05	11	0.91	2060	2.0	0.022	14.0
18700E 17875N Dup		0.1	3.10	10.3	< 0.5	< 20	90.7	0.2	0.63	0.2	30.5	28	81.9	3.67	8	> 50.0	0.05	11	0.91	2210	2.0	0.023	14.1
18700E 18075N Orig	< 10	< 0.1	2.65	3.7	< 0.5	< 20	37.1	0.1	0.17	< 0.1	4.7	16	28.2	3.07	13	< 0.01	0.04	4	0.49	207	6.1	0.012	4.4
18700E 18075N Dup	< 10	< 0.1	2.93	5.1	< 0.5	< 20	41.4	0.1	0.19	< 0.1	5.0	17	31.5	3.48	14	< 0.01	0.04	4	0.59	220	6.3	0.014	5.2
Method Blank	< 6																						
Method Blank	< 6																						
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Method Blank	< 6																						
Method Blank	< 6																						
Method Blank	< 6																						
Method Blank	< 2																						
Method Blank	< 6																						

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	2	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Blank	< 2																						
Method Blank	5																						
Method Blank	< 2																						
Method Blank		< 0.1	< 0.01	< 0.5	0.8	< 20	4.0	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.02	< 0.01	< 1	< 0.01	< 1	< 0.1	0.009	< 0.1
Method Blank		< 0.1	< 0.01	0.7	4.2	< 20	2.8	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.007	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	2.4	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.005	< 0.1
Method Blank													< 0.2										
Method Blank		< 0.1	< 0.01	< 0.5	3.7	< 20	3.0	< 0.1	< 0.01	< 0.1	< 0.1	< 1	0.3	< 0.01	< 1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.006	0.1
Method Blank													0.3										
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	3.7	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.008	< 0.1

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 922 (AQUA REGIA) Meas	0.066	61.4	< 1	0.6	3.6	3.0	14		14.9		0.2	32	1.0	260
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256
OREAS 922 (AQUA REGIA) Meas	0.065	64.8	< 1	0.6	3.7	3.3	16		15.1		0.2	34	1.1	263
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256
OREAS 922 (AQUA REGIA) Meas														
OREAS 922 (AQUA REGIA) Cert														
OREAS 907 (Aqua Regia) Meas	0.020	35.6	< 1	2.6	2.3	9.7	11	0.2	8.9	0.017	0.1	5	2.5	143
OREAS 907 (Aqua Regia) Cert	0.0240	34.1	0.0660	2.28	2.16	9.05	11.7	0.230	8.04	0.0170	0.120	5.12	0.980	139
Oreas 621 (Aqua Regia) Meas	0.028	> 5000	4	115	2.1	4.6	15		5.0		0.8	10	0.9	> 5000
Oreas 621 (Aqua Regia) Cert	0.0335	13600	4.50	107	2.20	5.64	18.9		5.91		0.770	10.9	1.00	51700
Oreas 621 (Aqua Regia) Meas	0.030	> 5000	5	99.2	2.5	5.1	15		5.2		0.8	11	0.8	> 5000
Oreas 621 (Aqua Regia) Cert	0.0335	13600	4.50	107	2.20	5.64	18.9		5.91		0.770	10.9	1.00	51700
Oreas 621 (Aqua Regia) Meas	0.034	> 5000	5	96.6	2.8	5.1	19		5.4		0.9	12	0.9	> 5000
Oreas 621 (Aqua Regia) Cert	0.0335	13600	4.50	107	2.20	5.64	18.9		5.91		0.770	10.9	1.00	51700
Oreas 621 (Aqua Regia) Meas														
Oreas 621 (Aqua Regia) Cert														
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
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OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 130 (Aqua Regia) Meas	0.089	1310	6	4.1	4.0		19	< 0.2	9.5	0.033	4.9	36	1.4	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
OREAS 130 (Aqua Regia) Meas	0.089	1380	6	5.1	3.7		20	< 0.2	10.1	0.029	5.4	36	1.4	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
OREAS 130 (Aqua Regia) Meas	0.094	1510	6	4.7	3.7		21	< 0.2	10.0	0.028	5.7	38	1.7	> 5000
OREAS 130 (Aqua Regia) Cert	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92	33.1	1.40	16900
OREAS 130 (Aqua Regia) Meas														
OREAS 130 (Aqua Regia) Cert														
OREAS 153b (Aqua Regia) Meas	0.047	13.6	1	2.3	10.9	12.1	35	0.2	0.3	0.050	< 0.1	154		130
OREAS 153b (Aqua Regia) Cert	0.0470	12.4	1.27	2.12	9.98	10.5	31.4	0.250	0.350	0.0500	0.0640	153		118
OREAS 153b (Aqua Regia) Meas	0.052	13.8	1	1.9	10.8	11.0	35	0.3	0.3	0.050	< 0.1	174		122
OREAS 153b (Aqua Regia) Cert	0.0470	12.4	1.27	2.12	9.98	10.5	31.4	0.250	0.350	0.0500	0.0640	153		118
OREAS 153b (Aqua Regia) Meas														
OREAS 153b (Aqua Regia) Cert														
Oreas 623 (Aqua Regia) Meas	0.038	2420	9	16.3	4.2	19.3	12	0.6	4.5		0.3	16	2.6	> 5000
Oreas 623 (Aqua Regia) Cert	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		0.260	15.8	2.62	10100
Oreas 623 (Aqua Regia) Meas	0.037	2550	8	21.6	4.5	20.9	13	0.6	4.8		0.3	14	2.3	> 5000
Oreas 623 (Aqua Regia) Cert	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		0.260	15.8	2.62	10100
Oreas 623 (Aqua Regia) Meas	0.037	2540	8	18.2	4.5	18.1	12	0.6	4.5		0.3	14	2.6	> 5000
Oreas 623 (Aqua Regia) Cert	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		0.260	15.8	2.62	10100

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Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18250E 17975N Dup														
18250E 18050N Orig														
18250E 18050N Dup														
18300E 17575N Orig	0.102	6.1	< 1	0.2	6.7	0.9	68	< 0.2	1.4	0.150	< 0.1	109	0.2	52
18300E 17575N Dup	0.094	5.7	< 1	0.2	6.6	0.8	70	< 0.2	1.2	0.144	< 0.1	98	0.2	50
18300E 17575N Orig														
18300E 17575N Dup														
18300E 17600N Orig														
18300E 17600N Dup														
18300E 17850N Orig														
18300E 17850N Dup														
18300E 18075N Orig	0.072	5.6	< 1	0.2	5.2	0.8	21	< 0.2	2.4	0.157	< 0.1	140	< 0.1	30
18300E 18075N Dup	0.069	5.0	< 1	0.1	4.2	0.6	19	< 0.2	2.1	0.151	< 0.1	121	< 0.1	28
18300E 18075N Orig														
18300E 18075N Dup														
18300E 18125N Orig														
18300E 18125N Dup														
18350E 17575N Orig	0.032	4.8	< 1	0.1	5.6	< 0.5	45	< 0.2	0.9	0.156	< 0.1	108	< 0.1	37
18350E 17575N Dup	0.031	4.6	< 1	0.1	6.0	< 0.5	46	< 0.2	1.0	0.150	< 0.1	108	1.3	37
18350E 17575N Orig														
18350E 17575N Dup														
18350E 17675N Orig														
18350E 17675N Dup														
18350E 17850N Orig	0.051	6.4	< 1	0.2	5.5	0.5	17	< 0.2	1.9	0.110	< 0.1	129	0.2	38
18350E 17850N Dup	0.053	6.5	< 1	0.2	6.3	< 0.5	17	< 0.2	2.0	0.112	< 0.1	136	0.2	38
18350E 17850N Orig														
18350E 17850N Dup														
18350E 17925N Orig														
18350E 17925N Dup														

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18350E 18175N Orig	0.119	7.5	< 1	0.2	6.7	1.1	21	< 0.2	3.0	0.129	< 0.1	116	0.2	49
18350E 18175N Dup	0.120	6.9	< 1	0.2	6.7	0.8	19	< 0.2	2.9	0.139	< 0.1	116	0.1	50
18350E 18175N Orig														
18350E 18175N Dup														
18350E 18200N Orig														
18350E 18200N Dup														
18400E 17750N Orig	0.023	6.9	< 1	0.2	4.3	< 0.5	30	< 0.2	0.6	0.178	< 0.1	77	0.2	14
18400E 17750N Dup	0.023	6.9	< 1	0.3	4.3	0.5	30	< 0.2	0.7	0.191	< 0.1	79	0.1	15
18400E 18000N Orig														
18400E 18000N Dup														
18400E 18075N Orig	0.053	5.9	< 1	0.2	5.5	0.6	19	< 0.2	2.3	0.119	< 0.1	107	0.1	31
18400E 18075N Dup	0.053	6.3	< 1	0.2	5.9	0.7	20	< 0.2	2.3	0.134	< 0.1	120	0.7	30
18400E 18075N Orig														
18400E 18075N Dup														
18450E 17450N Orig														
18450E 17450N Dup														
18450E 17550N Orig	0.088	5.2	< 1	0.2	4.5	2.2	57	< 0.2	0.2	0.082	< 0.1	86	0.1	54
18450E 17550N Dup	0.090	4.9	< 1	0.1	4.5	1.3	58	< 0.2	0.2	0.085	< 0.1	85	0.1	54
18450E 17550N Orig														
18450E 17550N Dup														
18450E 17825N Orig														
18450E 17825N Dup														
18450E 17975N Orig	0.018	11.3	< 1	0.1	2.5	< 0.5	24	< 0.2	0.6	0.123	< 0.1	50	< 0.1	20
18450E 17975N Dup	0.019	11.7	< 1	0.1	2.9	< 0.5	27	< 0.2	0.7	0.121	< 0.1	55	< 0.1	21
18450E 17975N Orig														
18450E 17975N Dup														
18450E 18075N Orig														
18450E 18075N Dup														
18500E 17525N Orig														

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
18500E 17525N Dup														
18500E 17700N Orig	0.060	10.4	< 1	0.2	6.1	< 0.5	32	< 0.2	1.6	0.169	< 0.1	146	0.2	70
18500E 17700N Dup	0.057	10.7	< 1	0.2	6.7	< 0.5	34	< 0.2	1.6	0.172	< 0.1	143	0.2	68
18500E 17700N Orig														
18500E 17700N Dup														
18500E 17900N Orig	0.036	9.4	< 1	0.2	5.3	< 0.5	23	< 0.2	1.3	0.167	< 0.1	75	0.2	51
18500E 17900N Dup	0.036	9.3	< 1	0.2	5.3	< 0.5	23	< 0.2	1.3	0.163	< 0.1	75	0.2	50
18500E 18175N Orig														
18500E 18175N Dup														
18550E 17425N Orig	0.090	5.0	< 1	0.2	5.0	< 0.5	41	< 0.2	0.8	0.148	< 0.1	143	0.2	25
18550E 17425N Dup	0.091	5.3	< 1	0.2	5.3	< 0.5	45	< 0.2	0.9	0.151	< 0.1	151	0.4	26
18550E 17625N Orig														
18550E 17625N Dup														
18550E 17850N Orig														
18550E 17850N Dup														
18550E 17900N Orig	0.098	7.1	< 1	0.3	3.1	< 0.5	18	< 0.2	2.3	0.125	< 0.1	110	0.3	26
18550E 17900N Dup	0.099	7.7	< 1	0.3	3.0	< 0.5	19	< 0.2	2.3	0.133	< 0.1	115	0.3	29
18550E 18100N Orig														
18550E 18100N Dup														
18600E 17675N Orig	0.089	4.2	< 1	0.3	6.3	< 0.5	22	< 0.2	1.2	0.175	< 0.1	226	0.2	44
18600E 17675N Dup	0.089	3.8	< 1	0.2	6.4	< 0.5	22	< 0.2	1.1	0.175	< 0.1	215	0.2	44
18600E 17750N Orig														
18600E 17750N Dup														
18600E 17925N Orig														
18600E 17925N Dup														
18600E 18025N Orig	0.070	8.0	< 1	0.2	5.5	0.7	14	< 0.2	1.4	0.135	< 0.1	101	0.1	49
18600E 18025N Dup	0.075	7.9	< 1	0.2	5.6	0.7	15	< 0.2	1.5	0.143	< 0.1	109	0.1	53
18600E 18175N Orig														
18600E 18175N Dup														

[illegible]

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Blank														
Method Blank														
Method Blank														
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	3
Method Blank	< 0.001	0.3	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	3
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	2
Method Blank														
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	7
Method Blank														
Method Blank	< 0.001	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	4